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Fax : 908 789 8922

Cover Page

Order ID : Q2814

Project ID : USACE018-44 DOD

Client : First Environment, Inc.

Lab Sample Number	Client Sample Number
Q2814-01	TW-84SB-E
Q2814-02	TW-17M-N
Q2814-03	TW-17M-W
Q2814-04	TW-82H-N
Q2814-05	TW-82H-E
Q2814-06	TW-82H-S
Q2814-07	TW-82H-W
Q2814-08	TW-38M-E
Q2814-09	TW-38M-W
Q2814-10	TW-38M-N
Q2814-11	TW-38M-S
Q2814-12	TW-BP-S
Q2814-13	TW-BP-N
Q2814-14	TW-BP-E
Q2814-15	TW-BP-W
Q2814-16	FB
Q2814-17	TW-518R-S
Q2814-18	TW-518R-N
Q2814-19	TW-518R-E
Q2814-20	TW-518R-W
Q2814-21	TB
Q2814-22	TW-84SB-E
Q2814-23	TW-17M-W

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: 8/21/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2814
Test Name: PCB

A. Number of Samples and Date of Receipt:
23 Water samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Dissolved ICP-TAL Metals, Dissolved Mercury, DISSOLVED METALS-TAL, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. 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 3510.

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

The Continuous Calibration File ID PO112945.D met the requirements except for Decachlorobiphenyl is failing in 1st column but passing in 2nd column therefore no corrective action taken.

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

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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

ORDER ID: Q2814 MATRIX: Water

METHOD: 8082A/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
	The Initial Calibration met the requirements .			
	The Continuous Calibration File ID PO112945.D met the requirements except for Decachlorobiphenyl is failing in 1st column but passing in 2nd column therefore no corrective action taken.			
5.	Surrogate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
	The Surrogate recoveries met the acceptable criteria.			
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . The RPD met criteria .			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met		✓	
	If not met, list number of days exceeded for each sample:			

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Analysis Holding Time Met		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The Holding Times were met for all samples except for FB.

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2814**

	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:** **08/21/2025**

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LAB CHRONICLE

OrderID:	Q2814	**OrderDate:**	8/11/2025 10:31:02 AM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2814-01	**TW-84SB-E**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2814-03	**TW-17M-W**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2814-16	**FB**	**WATER**			**08/04/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2814-17	**TW-518R-S**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2814 **Order ID:** Q2814

Client: First Environment, Inc. **Project ID:** USACE018-44 DOD

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-518R-S									
Q2814-17	TW-518R-S	WATER	Aroclor-1254	0.30	J	0.094	0.25	0.50	ug/L
			Total Concentration:	**0.300**					

QC
SUMMARY

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Surrogate Summary

SDG No.: Q2814

Client: First Environment, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112413.D	PIBLK-PO112413.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	20.0	100		60	140
		Tetrachloro-m-xyl	2	20	19.5	98		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
I.BLK-PO112915.D	PIBLK-PO112915.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.2	96		60	140
		Tetrachloro-m-xyl	2	20	19.4	97		60	140
		Decachlorobiphen	2	20	21.3	106		60	140
Q2814-16	FB	Tetrachloro-m-xyl	1	20	19.2	96		35	137
		Decachlorobiphen	1	20	14.4	72		40	135
		Tetrachloro-m-xyl	2	20	18.9	95		35	137
		Decachlorobiphen	2	20	16.9	84		40	135
Q2814-01	TW-84SB-E	Tetrachloro-m-xyl	1	20	24.1	120		35	137
		Decachlorobiphen	1	20	17.8	89		40	135
		Tetrachloro-m-xyl	2	20	23.6	118		35	137
		Decachlorobiphen	2	20	19.6	98		40	135
Q2814-03	TW-17M-W	Tetrachloro-m-xyl	1	20	21.8	109		35	137
		Decachlorobiphen	1	20	14.7	73		40	135
		Tetrachloro-m-xyl	2	20	21.3	107		35	137
		Decachlorobiphen	2	20	16.4	82		40	135
I.BLK-PO112928.D	PIBLK-PO112928.D	Tetrachloro-m-xyl	1	20	20.9	104		60	140
		Decachlorobiphen	1	20	19.5	97		60	140
		Tetrachloro-m-xyl	2	20	20.4	102		60	140
		Decachlorobiphen	2	20	21.5	108		60	140
I.BLK-PO112934.D	PIBLK-PO112934.D	Tetrachloro-m-xyl	1	20	20.6	103		60	140
		Decachlorobiphen	1	20	19.7	98		60	140
		Tetrachloro-m-xyl	2	20	19.9	99		60	140
		Decachlorobiphen	2	20	21.0	105		60	140
Q2814-17	TW-518R-S	Tetrachloro-m-xyl	1	20	11.6	58		35	137
		Decachlorobiphen	1	20	13.5	67		40	135
		Tetrachloro-m-xyl	2	20	10.1	51		35	137
		Decachlorobiphen	2	20	14.2	71		40	135
I.BLK-PO112949.D	PIBLK-PO112949.D	Tetrachloro-m-xyl	1	20	20.7	104		60	140
		Decachlorobiphen	1	20	18.4	92		60	140
		Tetrachloro-m-xyl	2	20	20.2	101		60	140
		Decachlorobiphen	2	20	20.7	104		60	140
I.BLK-PP074167.D	PIBLK-PP074167.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	19.7	98		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.7	93		60	140
I.BLK-PP074351.D	PIBLK-PP074351.D	Tetrachloro-m-xyl	1	20	19.5	98		60	140

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Surrogate Summary

SDG No.: Q2814

Client: First Environment, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP074351.D	PIBLK-PP074351.D	Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	16.7	83		60	140
		Decachlorobiphen	2	20	16.3	82		60	140
PB169224BL	PB169224BL	Tetrachloro-m-xyl	1	20	25.4	127		35	137
		Decachlorobiphen	1	20	24.0	120		40	135
		Tetrachloro-m-xyl	2	20	22.6	113		35	137
		Decachlorobiphen	2	20	22.0	110		40	135
I.BLK-PP074365.D	PIBLK-PP074365.D	Tetrachloro-m-xyl	1	20	19.7	99		60	140
		Decachlorobiphen	1	20	18.7	94		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	16.9	84		60	140
I.BLK-PP074376.D	PIBLK-PP074376.D	Tetrachloro-m-xyl	1	20	23.1	115		60	140
		Decachlorobiphen	1	20	21.1	106		60	140
		Tetrachloro-m-xyl	2	20	19.3	97		60	140
		Decachlorobiphen	2	20	19.5	97		60	140
PB169224BS	PB169224BS	Tetrachloro-m-xyl	1	20	24.3	122		35	137
		Decachlorobiphen	1	20	22.3	111		40	135
		Tetrachloro-m-xyl	2	20	21.2	106		35	137
		Decachlorobiphen	2	20	21.1	105		40	135
PB169224BSD	PB169224BSD	Tetrachloro-m-xyl	1	20	24.4	122		35	137
		Decachlorobiphen	1	20	22.7	114		40	135
		Tetrachloro-m-xyl	2	20	21.6	108		35	137
		Decachlorobiphen	2	20	20.9	104		40	135
I.BLK-PP074390.D	PIBLK-PP074390.D	Tetrachloro-m-xyl	1	20	20.9	104		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	18.7	93		60	140
		Decachlorobiphen	2	20	18.1	90		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2814 **Analytical Method:** 8082A

Client: First Environment, Inc. **Datafile :** PP074378.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169224BS (Column 1)	AR1016	5	5.10	ug/L	102				46	129	
	AR1260	5	4.50	ug/L	90				45	134	
PB169224BS (Column 2)	AR1016	5	5.00	ug/L	100				46	129	
	AR1260	5	4.80	ug/L	96				45	134	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2814 **Analytical Method:** 8082A

Client: First Environment, Inc. **Datafile :** PP074379.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169224BSD (Column 1)	AR1016	5	5.20	ug/L	104	2			46	129	20
	AR1260	5	4.60	ug/L	92	2			45	134	20
PB169224BSD (Column 2)	AR1016	5	5.00	ug/L	100	0			46	129	20
	AR1260	5	4.90	ug/L	98	2			45	134	20

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169224BL

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2814

Lab Sample ID: PB169224BL | Lab File ID: PP074352.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/12/2025

Date Analyzed (1): 08/13/2025 | Date Analyzed (2): 08/13/2025

Time Analyzed (1): 16:59 | Time Analyzed (2): 16:59

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
FB	Q2814-16	PO112916.D	08/13/2025	08/13/2025
TW-84SB-E	Q2814-01	PO112917.D	08/13/2025	08/13/2025
TW-17M-W	Q2814-03	PO112920.D	08/13/2025	08/13/2025
TW-518R-S	Q2814-17	PO112936.D	08/14/2025	08/14/2025
PB169224BS	PB169224BS	PP074378.D	08/14/2025	08/14/2025
PB169224BSD	PB169224BSD	PP074379.D	08/14/2025	08/14/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PO112917.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112917.D	1	08/12/25 09:25	08/13/25 17:41	PB169224

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
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
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.1		35 - 137		120%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		40 - 135		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

Sample Results: **PO112917.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 17:41
Operator : YP/AJ
Sample : Q2814-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TW-84SB-E

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:07:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.659	195.7E6	117.5E6	24.066	23.651
2)	SA Decachlor...	8.685	8.633	130.0E6	34704033	17.781	19.639
	Target Compounds						

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

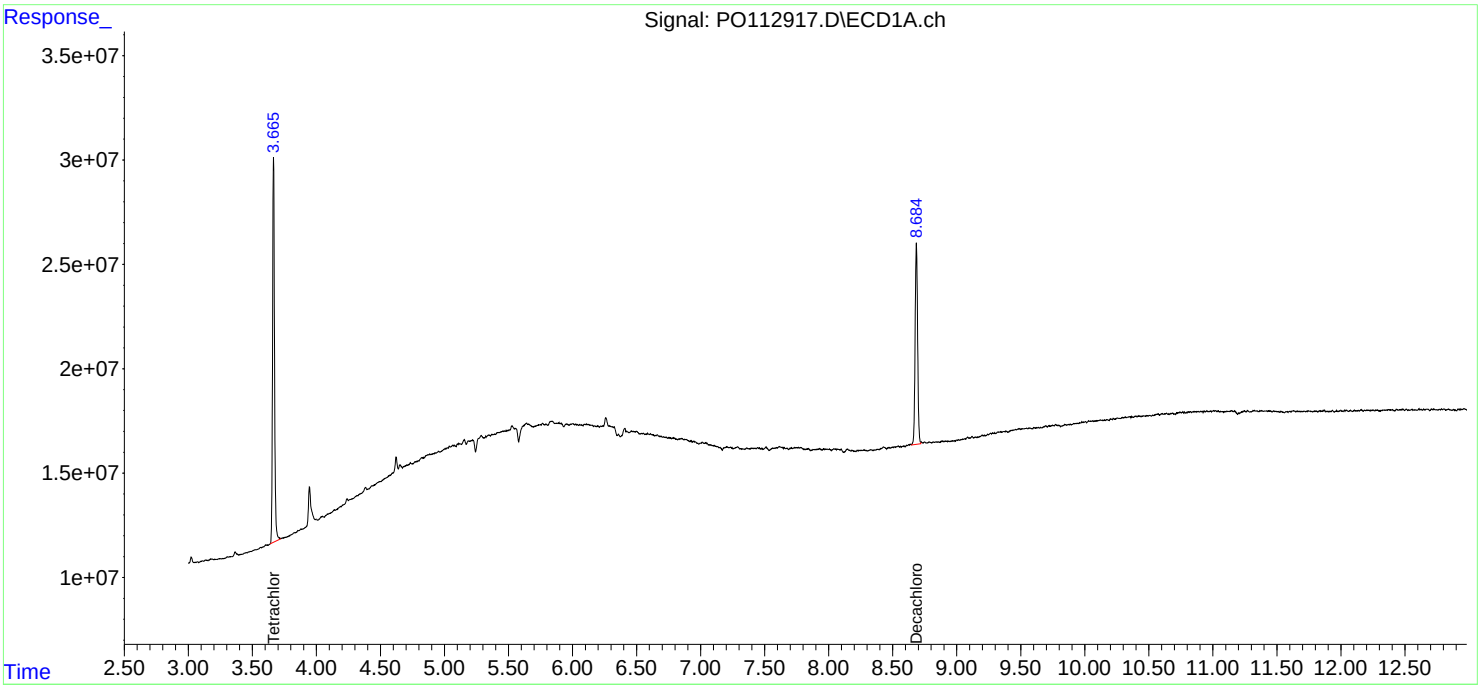
Sample Results: **PO112917.D**

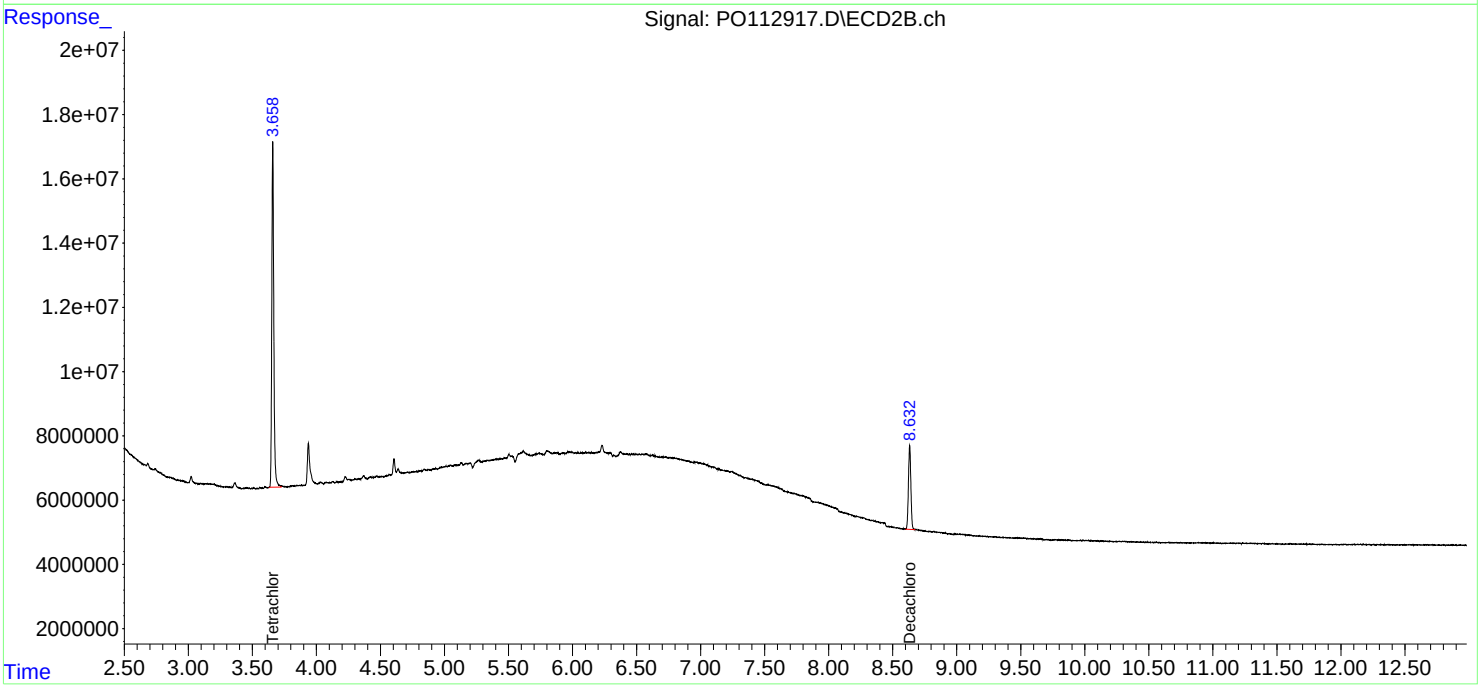
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 17:41
Operator : YP/AJ
Sample : Q2814-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

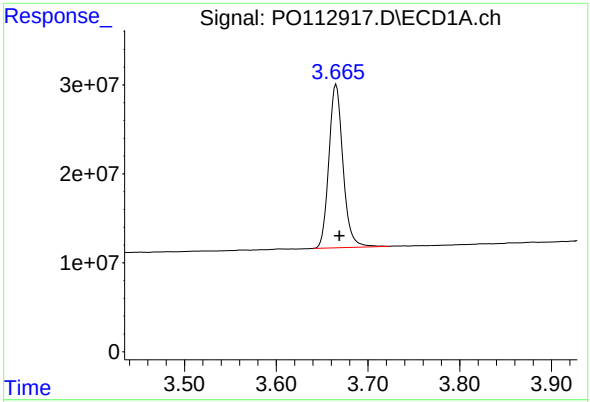
Instrument :
ECD_O
ClientSampleId :
TW-84SB-E

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:07:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



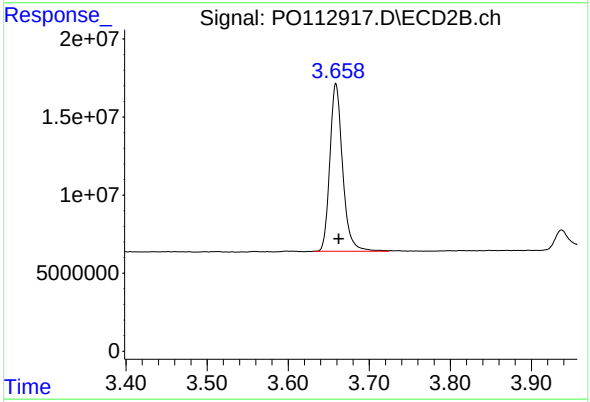




#1 Tetrachloro-m-xylene

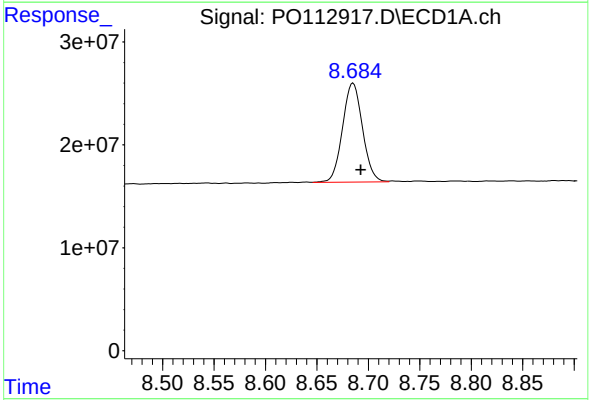
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 195697553
Conc: 24.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-84SB-E



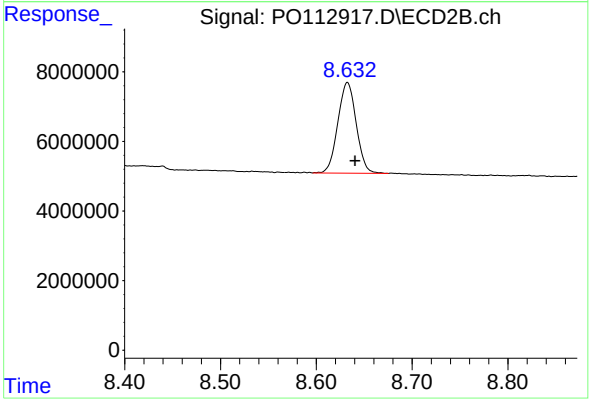
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 117527905
Conc: 23.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 130011673
Conc: 17.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 34704033
Conc: 19.64 ng/ml

Raw Data: **PO112920.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112920.D	1	08/12/25 09:25	08/13/25 18:33	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.098	0.25	0.51	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.51	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.097	0.25	0.51	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.51	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.072	0.25	0.51	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.095	0.25	0.51	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.51	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.51	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.082	0.25	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.8		35 - 137		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		40 - 135		82%	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\PO081325\
Data File : PO112920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 18:33
Operator : YP/AJ
Sample : Q2814-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TW-17M-W

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:08:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.659	177.4E6	106.0E6	21.817	21.339
2)	SA Decachlor...	8.686	8.633	107.2E6	29020960	14.657	16.423
	Target Compounds						

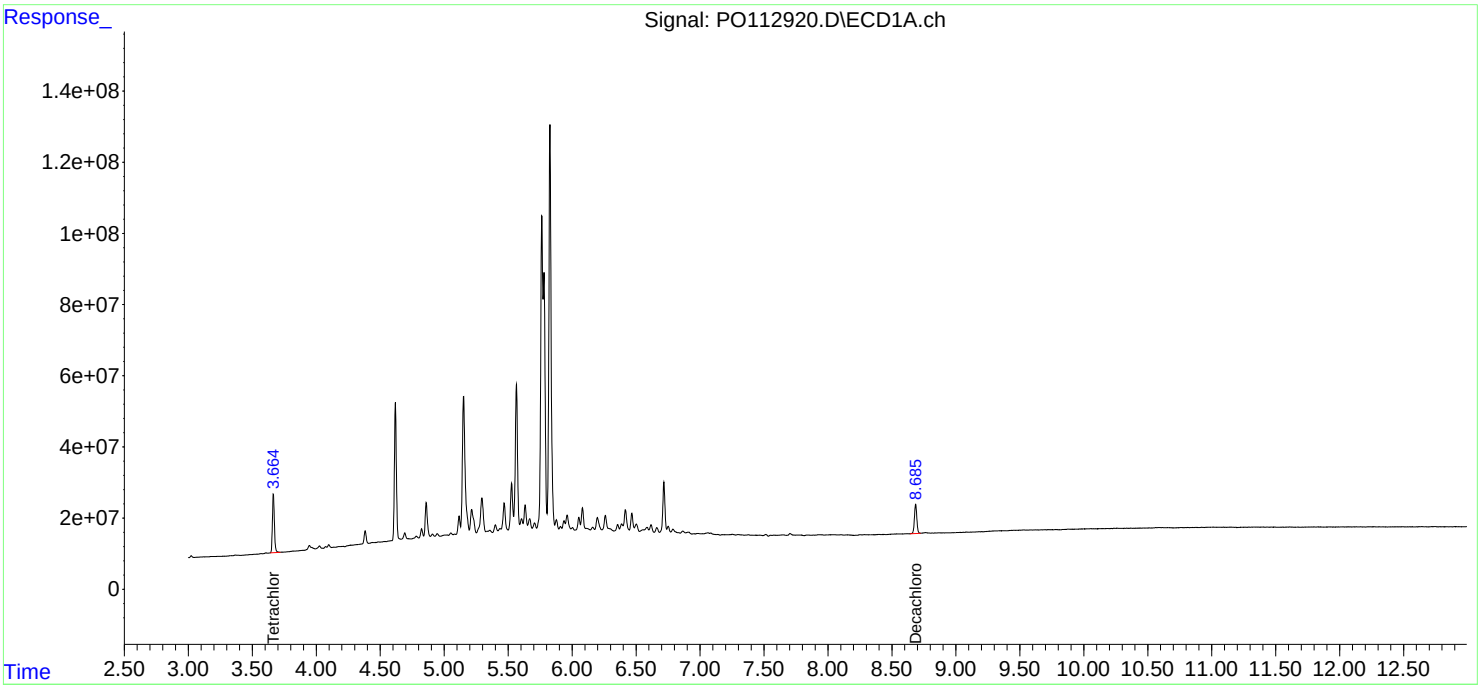
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

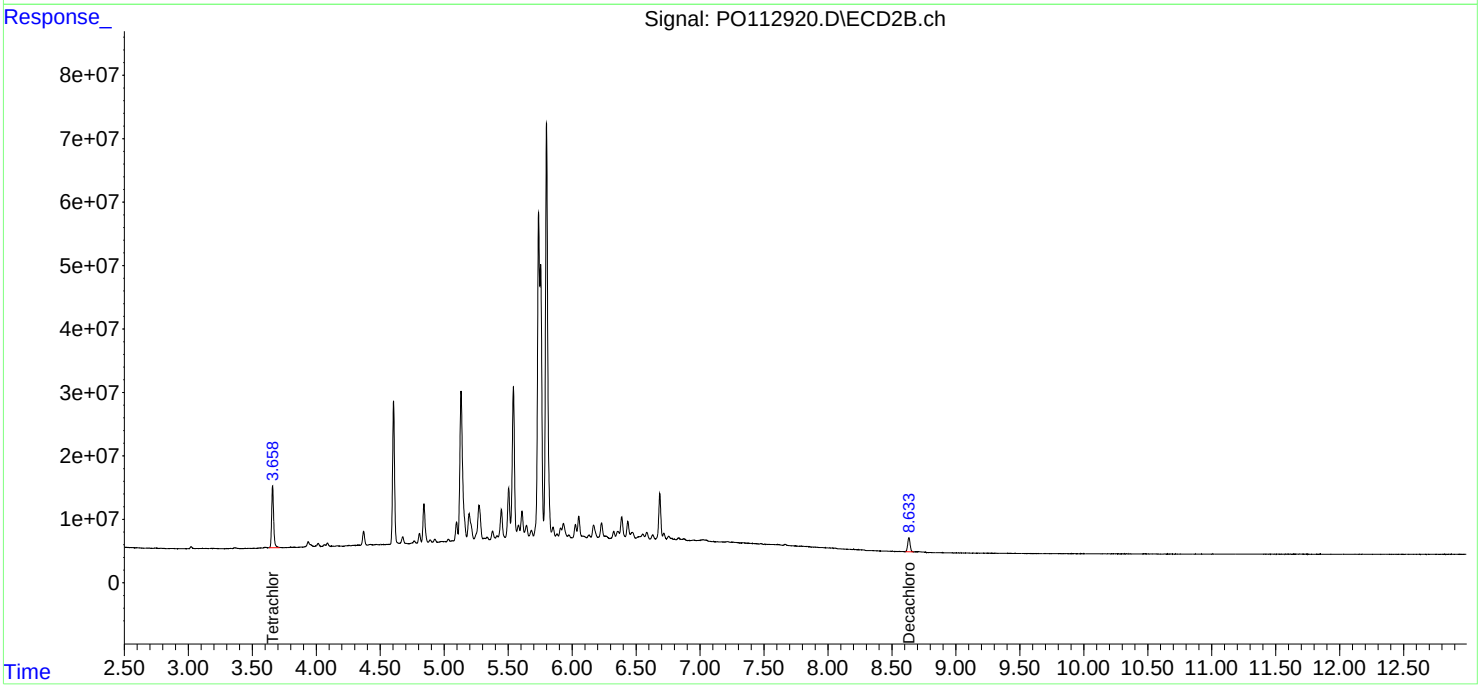
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 18:33
Operator : YP/AJ
Sample : Q2814-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

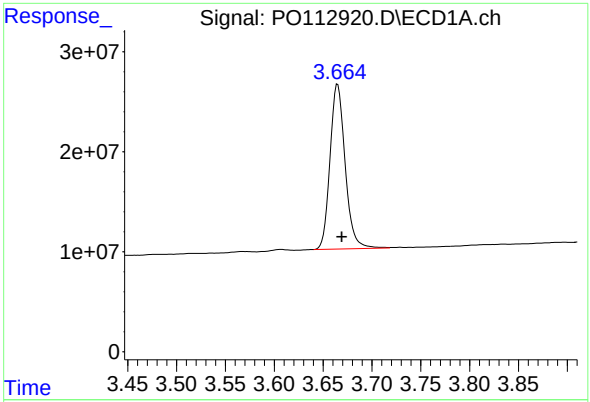
Instrument :
ECD_O
ClientSampleId :
TW-17M-W

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:08:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



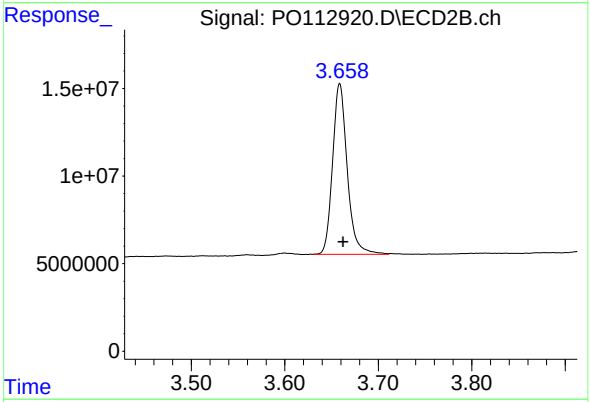




#1 Tetrachloro-m-xylene

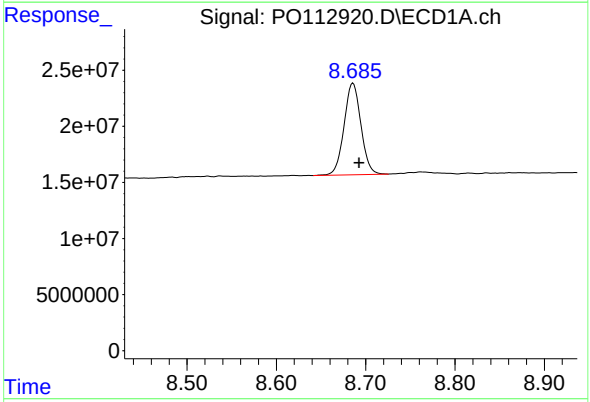
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 177404756
Conc: 21.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-17M-W



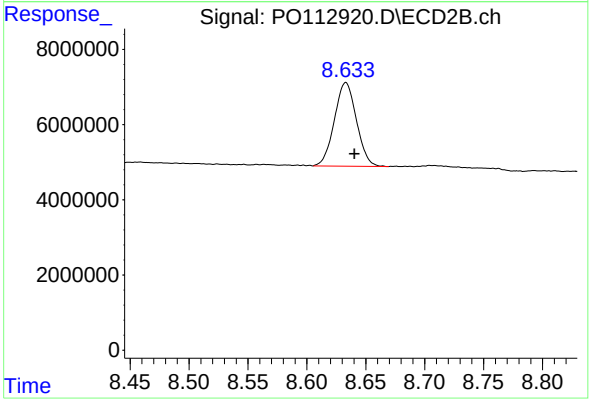
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 106037367
Conc: 21.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 107172354
Conc: 14.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 29020960
Conc: 16.42 ng/ml

Raw Data: **PO112916.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	500 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112916.D	1	08/12/25 09:25	08/13/25 17:24	PB169224

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
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
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		35 - 137		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		40 - 135		84%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 17:24
Operator : YP/AJ
Sample : Q2814-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
FB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:07:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.660	156.2E6	93990161	19.204	18.915
2)	SA Decachlor...	8.686	8.633	105.7E6	29768295	14.450	16.846
	Target Compounds						

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

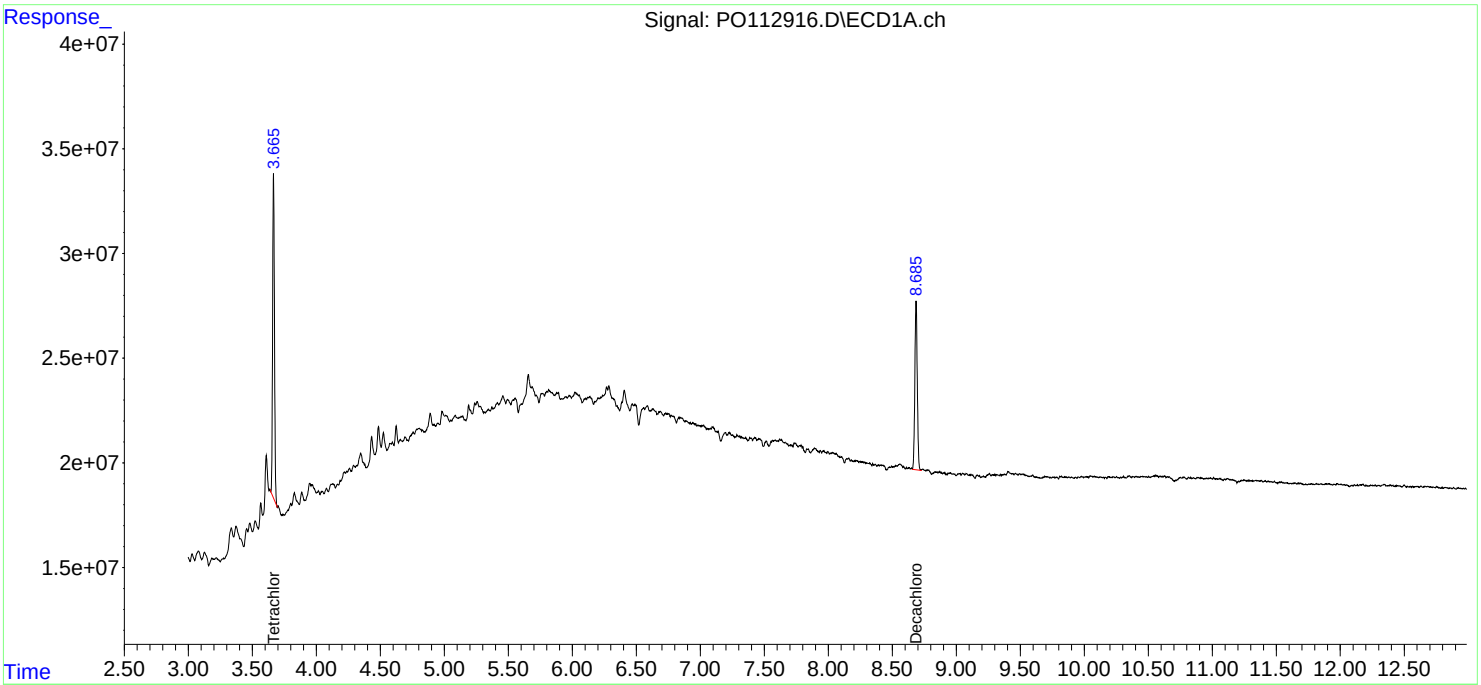
Sample Results: **PO112916.D**

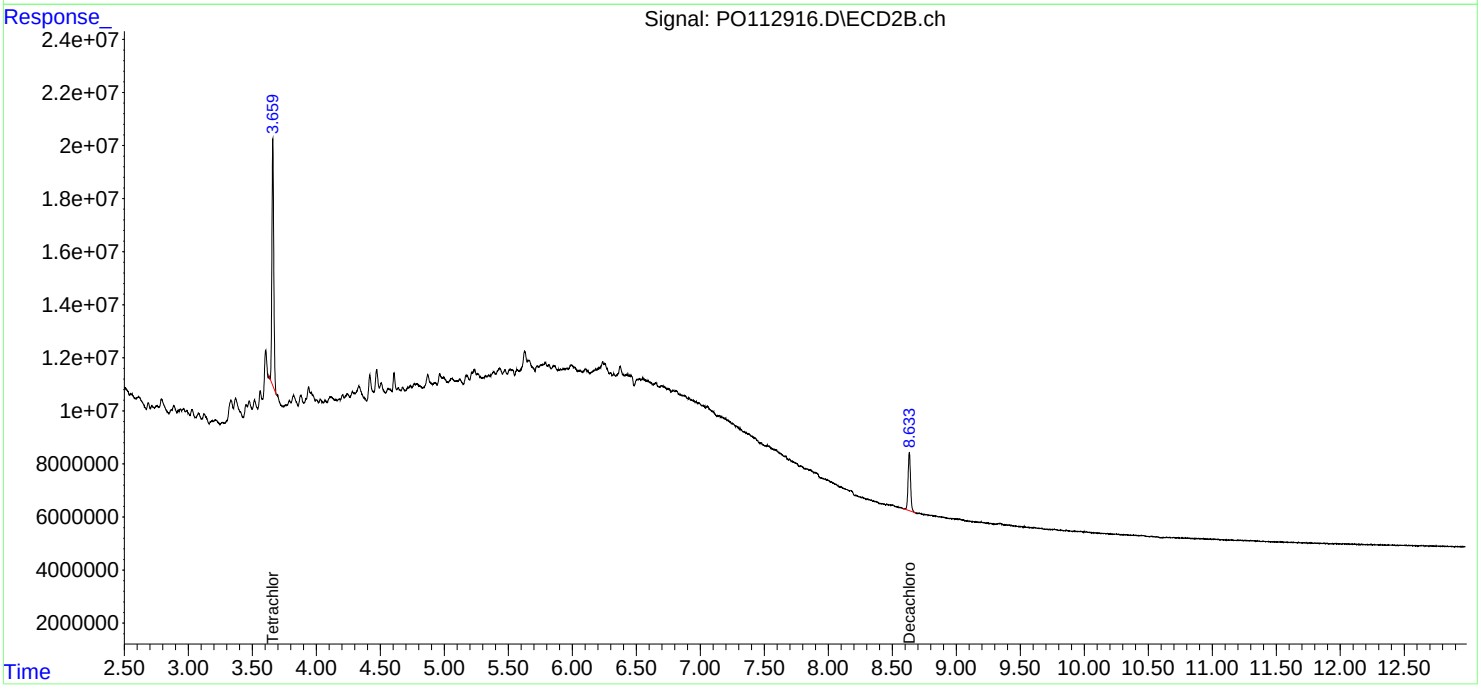
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 17:24
Operator : YP/AJ
Sample : Q2814-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

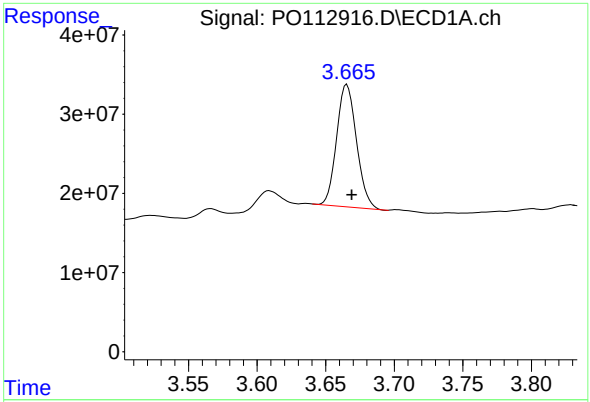
Instrument :
ECD_O
ClientSampleId :
FB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:07:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



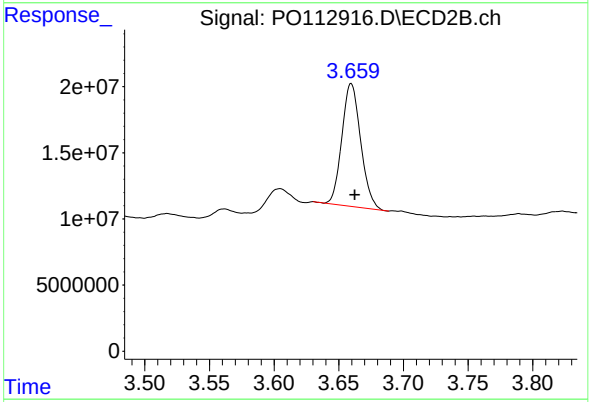




#1 Tetrachloro-m-xylene

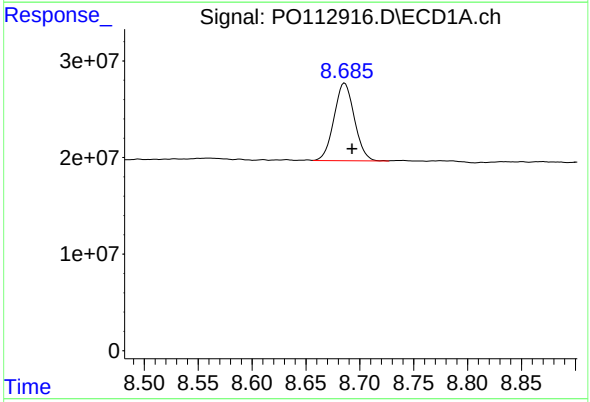
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 156162308
Conc: 19.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
FB



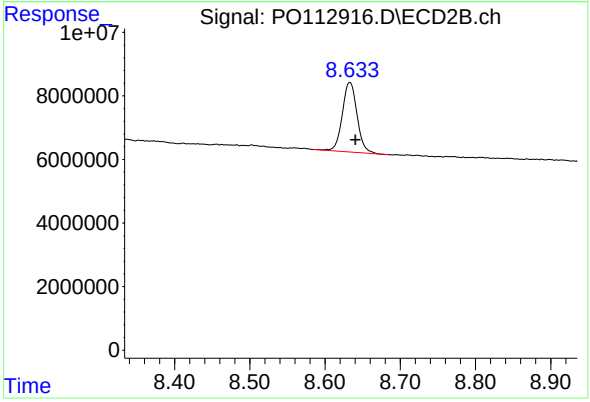
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 93990161
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 105655402
Conc: 14.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 29768295
Conc: 16.85 ng/ml

Raw Data: **PO112936.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112936.D	1	08/12/25 09:25	08/14/25 10:23	PB169224

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	0.30	J	0.094	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
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	11.6		35 - 137		58%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		40 - 135		71%	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

Sample Results: **PO112936.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:23
Operator : YP/AJ
Sample : Q2814-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:47:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.668	3.659	94416774	50378370	11.611	10.138
2)	SA Decachlor...	8.687	8.632	98475019	25161002	13.468	14.238
	Target Compounds						
26)	L6 AR-1254-1	5.558	5.530	13573858	5548470	24.727m	16.884m#
27)	L6 AR-1254-2	5.709	5.679	16218435	9953084	33.377m	34.381m
28)	L6 AR-1254-3	6.116	6.082	31791555	17236778	42.714	40.324m
29)	L6 AR-1254-4	6.337	6.305	11916425	4862204	21.678	17.813
30)	L6 AR-1254-5	6.757	6.720	17764808	8798130	25.098m	26.340

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

Sample Results: **PO112936.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:23
Operator : YP/AJ
Sample : Q2814-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

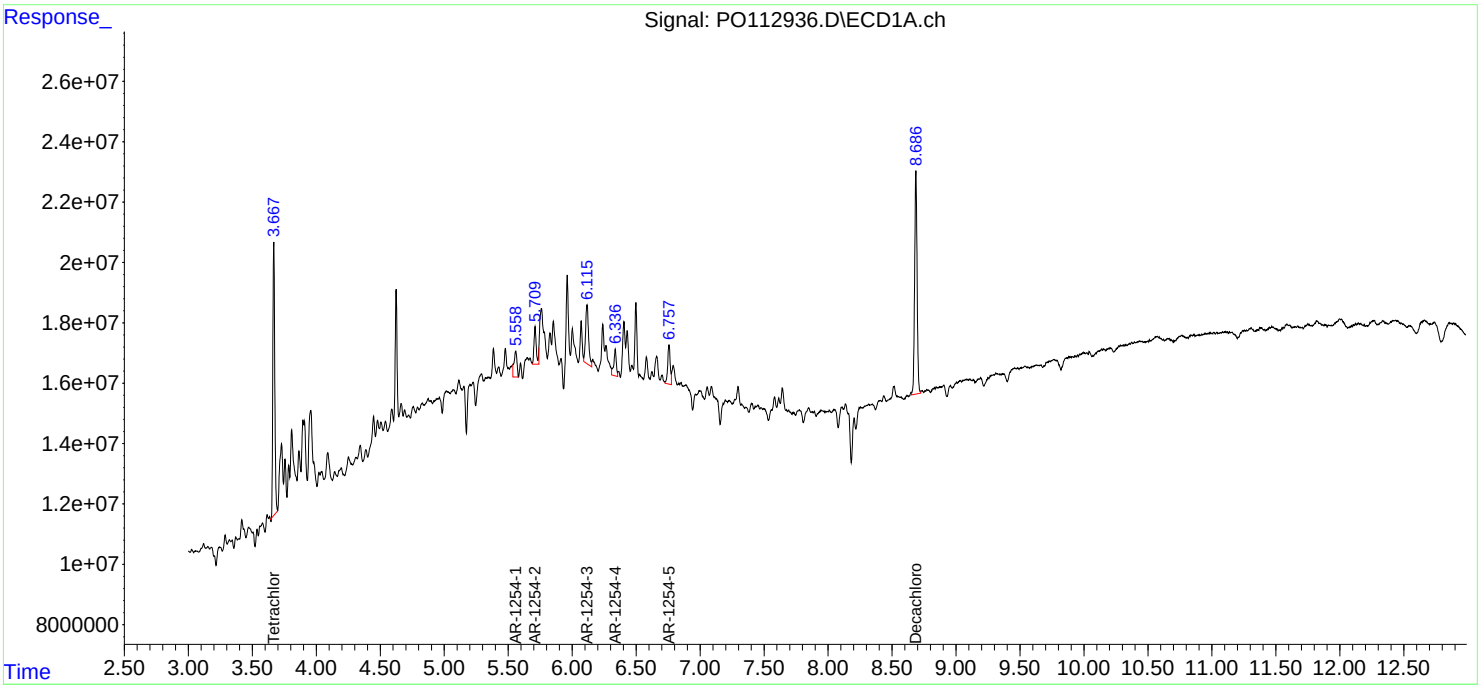
Instrument :
ECD_O
ClientSampleId :
TW-518R-S

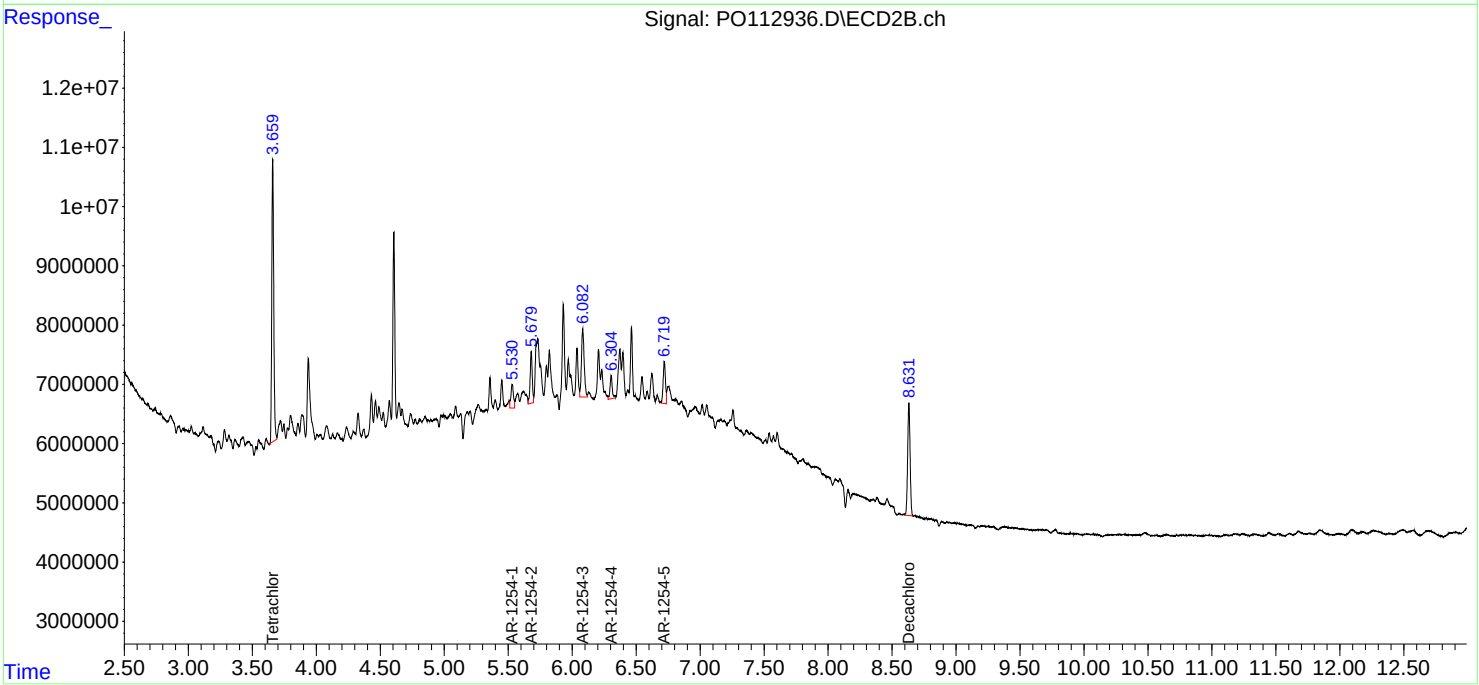
Manual Integrations APPROVED

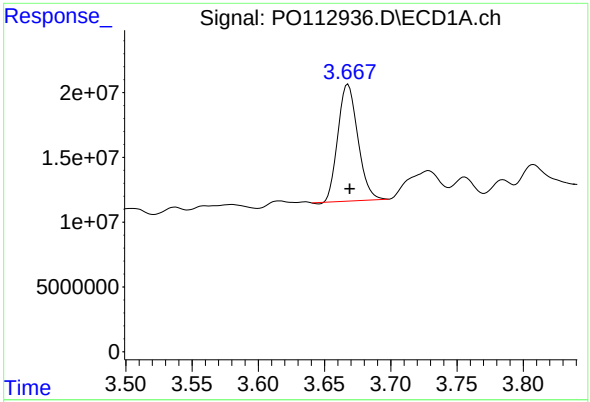
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:47:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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







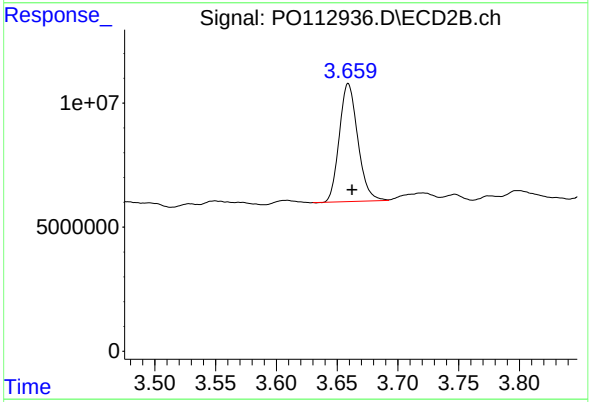
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.001 min
Response: 94416774
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

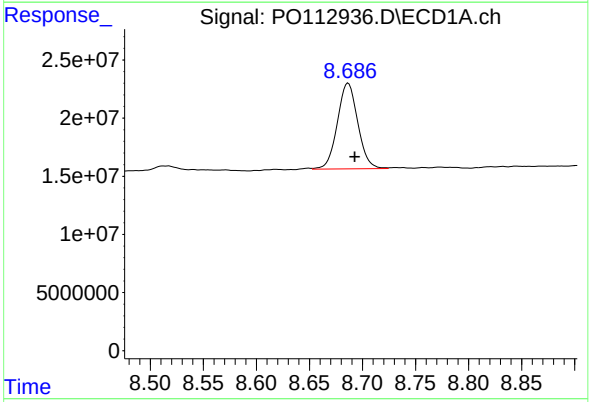
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



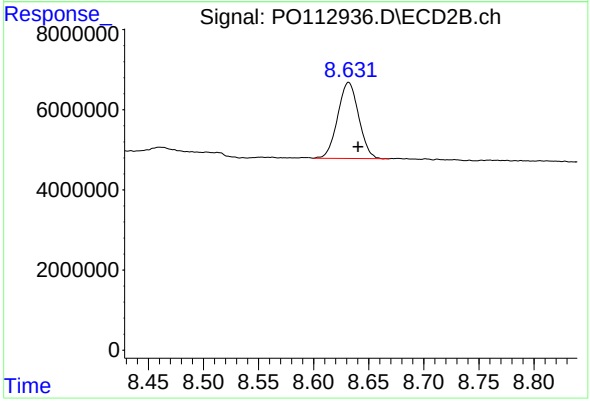
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 50378370
Conc: 10.14 ng/ml



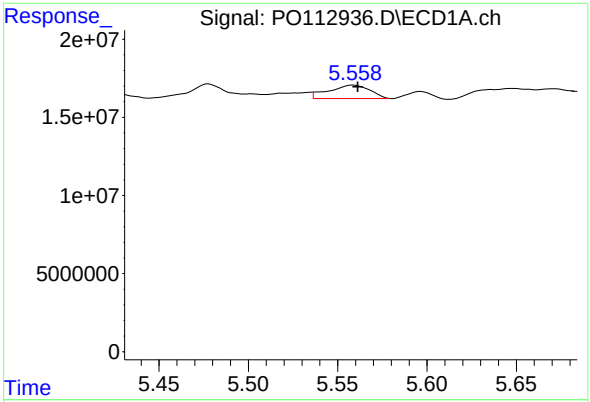
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 98475019
Conc: 13.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.009 min
Response: 25161002
Conc: 14.24 ng/ml



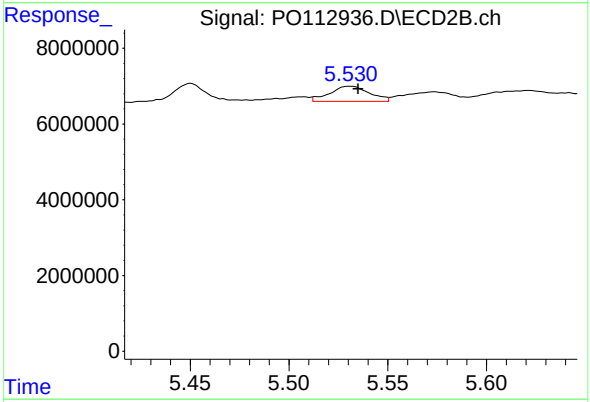
#26 AR-1254-1

R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 13573858
Conc: 24.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

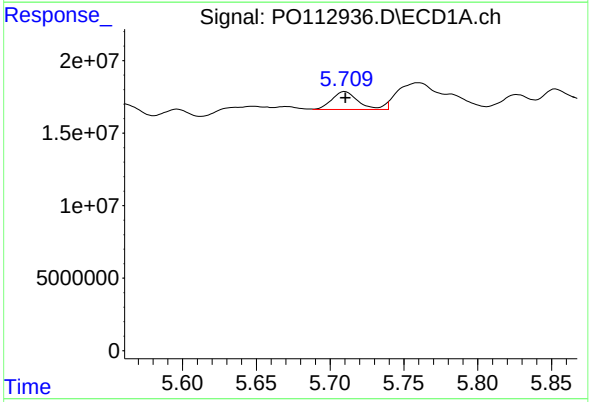
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



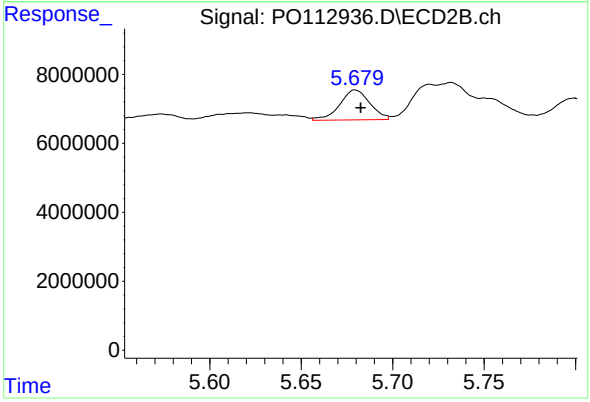
#26 AR-1254-1

R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 5548470
Conc: 16.88 ng/ml m



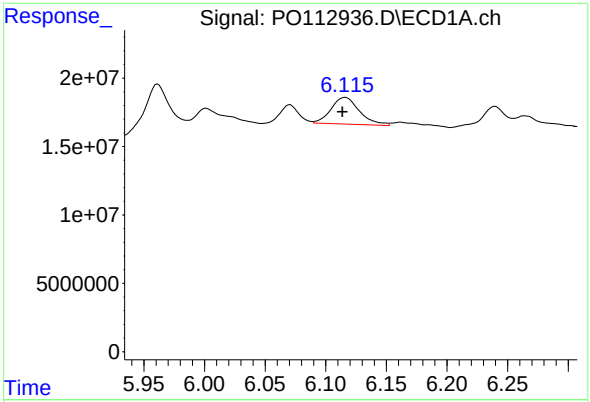
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 16218435
Conc: 33.38 ng/ml m



#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 9953084
Conc: 34.38 ng/ml m



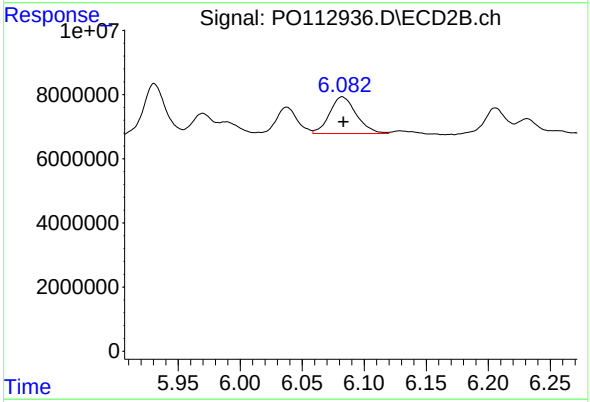
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 31791555
Conc: 42.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

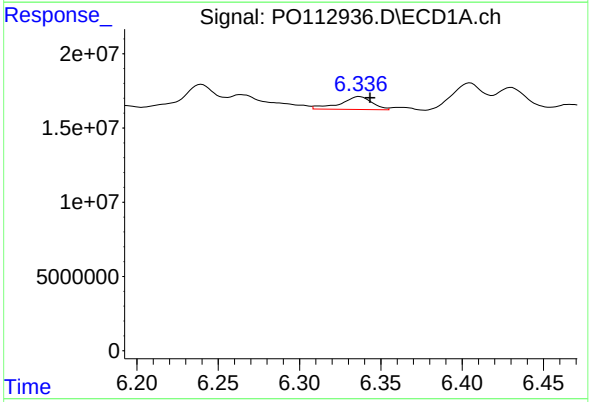
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



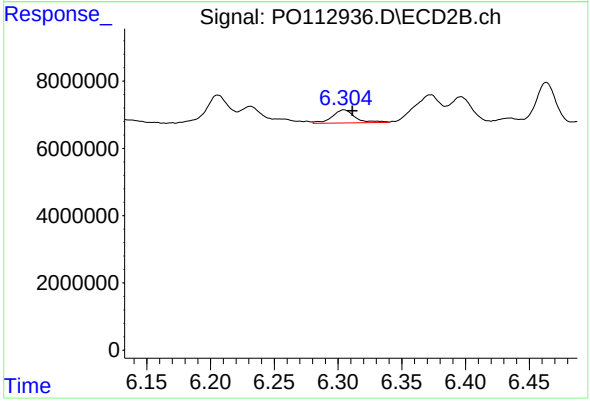
#28 AR-1254-3

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 17236778
Conc: 40.32 ng/ml m



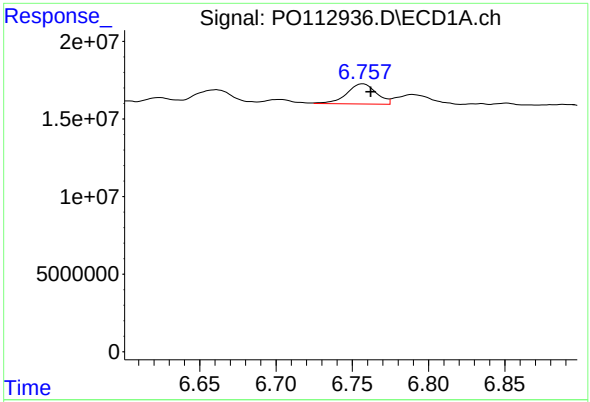
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: -0.006 min
Response: 11916425
Conc: 21.68 ng/ml



#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.007 min
Response: 4862204
Conc: 17.81 ng/ml



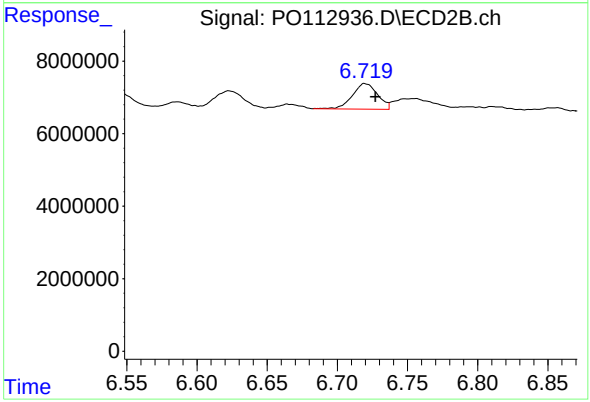
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.006 min
Response: 17764808
Conc: 25.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 8798130
Conc: 26.34 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.75	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.24	6.25	6.24	6.25	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.44	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
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		8.70	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.77	4.77	4.77	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1242-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.69	8.70	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.75	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	4.99	4.99	4.99	4.99	5.00	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.70	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
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		8.69	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.58	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.14	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.44	8.44	8.44	8.44	8.44	8.44	8.34	8.54

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.69	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.27	7.26	7.26	7.26	7.27	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.54	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.53	5.53	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1254-5	(5)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

LAB FILE ID: **CF 1000 =** PO112414.D **CF 750 =** PO112415.D

CF 500 = PO112416.D **CF 250 =** PO112417.D **CF 050 =** PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	281481703	285148303	290849518	279501268	204848240	268365806	13
Aroclor-1016-2	(2)	418001550	431852928	433849136	420704900	326178800	406117463	11
Aroclor-1016-3	(3)	263638281	273794351	273610504	262887848	234438940	261673985	6
Aroclor-1016-4	(4)	216165184	219268720	223332708	213740540	186700200	211841470	6
Aroclor-1016-5	(5)	221113370	228268088	233867428	235369996	178734160	219470608	10
Aroclor-1260-1	(1)	431773857	450001749	476240286	447612572	391026880	439331069	7
Aroclor-1260-2	(2)	673380136	698254531	722944530	686506064	658383800	687893812	3
Aroclor-1260-3	(3)	611274773	627246767	610311884	614713140	476551180	588019549	10
Aroclor-1260-4	(4)	447285263	461047633	473248904	505121600	368319820	451004644	11
Aroclor-1260-5	(5)	1262689005	1283961461	1337121492	1347466800	964454900	1239138732	12
Decachlorobiphenyl		7456684020	7676252293	7829495380	7672255680	5924316000	7311800675	11
Tetrachloro-m-xylene		8554863660	8750848067	8754072420	8314620000	6283438800	8131568589	13
Aroclor-1242-1	(1)	256299409	259568919	260660454	265097176	196334180	247592028	11
Aroclor-1242-2	(2)	381137122	387088803	391556862	393536916	295648160	369793573	11
Aroclor-1242-3	(3)	241769617	246476011	248315054	252195680	194532760	236657824	10
Aroclor-1242-4	(4)	195717021	198363989	201564902	203398396	172348620	194278586	6
Aroclor-1242-5	(5)	215656431	220174447	229182990	229543836	175020200	213915581	10
Decachlorobiphenyl		8000645330	8037989413	8087967020	8086832920	6389983800	7720683697	10
Tetrachloro-m-xylene		9125652230	9195232120	9219491440	9207437080	6341808000	8617924174	15
Aroclor-1248-1	(1)	189314500	193406379	198364040	203445536	151513120	187208715	10
Aroclor-1248-2	(2)	257058197	266019899	270572928	278752472	203158020	255112303	11
Aroclor-1248-3	(3)	329824745	342687100	350417966	364320620	331255900	343701266	4
Aroclor-1248-4	(4)	503150480	523568551	540549606	563745892	409374460	508077798	11
Aroclor-1248-5	(5)	346508966	363261911	374337920	392493440	271353380	349591123	13
Decachlorobiphenyl		7900018490	8086308400	8195171040	8262080520	6143274400	7717370570	12
Tetrachloro-m-xylene		8946590960	9189061507	9273186240	9357342160	6567561400	8666748453	14
Aroclor-1254-1	(1)	525205609	551869540	568048078	599161796	500508140	548958633	7
Aroclor-1254-2	(2)	467389736	490253857	501431616	531267632	439250900	485918748	7
Aroclor-1254-3	(3)	736681841	765368536	778116616	788008044	653257120	744286431	7
Aroclor-1254-4	(4)	537295054	560529123	571244926	572391952	507057560	549703723	5
Aroclor-1254-5	(5)	713157717	729355651	738947588	743850736	613809420	707824222	7
Decachlorobiphenyl		7810644110	7988158653	8118440840	8069654680	6321650600	7661709777	10
Tetrachloro-m-xylene		8477893750	8928798520	9019842540	9077508800	7004909800	8501790682	10
Aroclor-1268-1	(1)	1805209287	1836925397	1850534848	1852730580	1410311920	1751142406	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1523811042	1548194379	1559255960	1566806172	1167050180	1473023547	11
Aroclor-1268-3	(3)	1298638460	1316156257	1333295814	1329215988	983852920	1252231888	11
Aroclor-1268-4	(4)	502325303	515160189	514467028	515975792	361392800	481864222	13
Aroclor-1268-5	(5)	3537850645	3568750916	3561527908	3536594816	2581136540	3357172165	12
Decachlorobiphenyl		14538757830	14683927053	14777305700	14801547680	10962984400	13952904533	12
Tetrachloro-m-xylene		8916461140	9229914440	9271431040	9355148600	6516020600	8657795164	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

LAB FILE ID: **CF 1000 =** PO112414.D **CF 750 =** PO112415.D

CF 500 = PO112416.D **CF 250 =** PO112417.D **CF 050 =** PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	171399488	177928739	180256326	179838608	165612060	175007044	3
Aroclor-1016-2	(2)	254283756	266059885	273532534	272267680	236331280	260495027	6
Aroclor-1016-3	(3)	134555314	139369485	142347070	141007248	122553240	135966471	6
Aroclor-1016-4	(4)	106915956	111683577	115661150	118698688	102464540	111084782	6
Aroclor-1016-5	(5)	139169322	144750759	147937312	152336452	132321220	143303013	5
Aroclor-1260-1	(1)	240286237	254043527	261134446	258041412	229050000	248511124	5
Aroclor-1260-2	(2)	317223235	329626419	335041102	340620804	324956000	329493512	3
Aroclor-1260-3	(3)	256241072	262701627	269297872	275910760	220454080	256921082	8
Aroclor-1260-4	(4)	185740526	193469844	197255514	200936168	179151380	191310686	4
Aroclor-1260-5	(5)	419199446	421594747	433075366	434815624	352283180	412193673	8
Decachlorobiphenyl		1753295660	1820833173	1877801640	1892185680	1491444000	1767112031	9
Tetrachloro-m-xylene		5169666700	5314856493	5330554580	5111206560	3919594600	4969175787	12
Aroclor-1242-1	(1)	153645977	158282413	162201976	169125204	148714620	158394038	5
Aroclor-1242-2	(2)	230553136	236233123	241816698	253231308	206497880	233666429	7
Aroclor-1242-3	(3)	120997871	124593004	126633224	130347852	103373540	121189098	8
Aroclor-1242-4	(4)	116921071	120755713	124229780	129097232	122693120	122739383	3
Aroclor-1242-5	(5)	154482444	160907067	167116390	163960092	158390400	160971279	3
Decachlorobiphenyl		1831604040	1871840933	1924104720	1967119920	1579850400	1834904003	8
Tetrachloro-m-xylene		5483238770	5543459253	5573552360	5630865680	4061456200	5258514453	13
Aroclor-1248-1	(1)	116797575	121746903	126835386	132022196	110144520	121509316	7
Aroclor-1248-2	(2)	161755092	168905528	175846314	185366264	154525280	169279696	7
Aroclor-1248-3	(3)	170672394	178220732	184519824	194073912	160748960	177647164	7
Aroclor-1248-4	(4)	202462025	210645355	219142380	229572292	179950700	208354550	9
Aroclor-1248-5	(5)	207118457	216119221	227433754	242834452	180319280	214765033	10
Decachlorobiphenyl		1836524820	1878481893	1941164520	1982063240	1517022000	1831051295	10
Tetrachloro-m-xylene		5362990180	5502770333	5558036420	5629888520	4177350800	5246207251	12
Aroclor-1254-1	(1)	308086628	324598995	339171148	360746064	310502200	328621007	6
Aroclor-1254-2	(2)	269579969	283423153	295499466	318260532	280690420	289490708	6
Aroclor-1254-3	(3)	411643535	427646563	444183030	462345912	391487940	427461396	6
Aroclor-1254-4	(4)	256982627	269810957	279068642	286892132	272060980	272963068	4
Aroclor-1254-5	(5)	324913084	333876627	346327314	357344936	307636300	334019652	5
Decachlorobiphenyl		1794065640	1872151533	1910898600	1948005080	1573949600	1819814091	8
Tetrachloro-m-xylene		5135321880	5340323933	5419556800	5524764520	4404208000	5164835027	9
Aroclor-1268-1	(1)	514567345	516695037	532735372	551455976	473857920	517862330	5

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Aroclor-1268-2	(2)	421574479	425971267	436618852	454509592	386645480	425063934	6
Aroclor-1268-3	(3)	318758782	324505707	331241876	345977680	285851460	321267101	7
Aroclor-1268-4	(4)	111516853	115705837	114796592	121616720	92841800	111295560	9
Aroclor-1268-5	(5)	742715083	756736297	758808540	780432416	619995020	731737471	8
Decachlorobiphenyl		3224484190	3300929360	3351395200	3481054400	2726789400	3216930510	9
Tetrachloro-m-xylene		5326223920	5511724707	5541913900	5672741280	4190979000	5248716561	12

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

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	3.88	3.78	3.98	96659600
		2	3.97	3.87	4.07	71862000
		3	4.04	3.94	4.14	237712000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	186979000
		2	4.54	4.44	4.64	107625000
		3	4.78	4.68	4.88	206800000
		4	4.95	4.85	5.05	104740000
		5	4.99	4.89	5.09	67880800
Aroclor-1262	500	1	6.80	6.70	6.90	929208000
		2	7.30	7.20	7.40	1487020000
		3	7.59	7.49	7.69	590252000
		4	7.65	7.55	7.75	994166000
		5	8.15	8.05	8.25	434062000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

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	3.87	3.77	3.97	67265800
		2	3.96	3.86	4.06	50728000
		3	4.03	3.93	4.13	158529000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	126550000
		2	4.76	4.66	4.86	131155000
		3	4.93	4.83	5.03	67196800
		4	5.02	4.92	5.12	59829000
		5	5.19	5.09	5.29	65203000
Aroclor-1262	500	1	6.77	6.67	6.87	414828000
		2	7.27	7.17	7.37	515546000
		3	7.55	7.45	7.65	186525000
		4	7.61	7.51	7.71	288104000
		5	8.10	8.00	8.20	99503400

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:32
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: Jul 23 12:31:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:24:33 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...	3.670	3.663	855.5E6	517.0E6	98.849	98.468
2)	SA Decachlor...	8.695	8.641	745.7E6	175.3E6	97.561	96.571
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.738	281.5E6	171.4E6	983.632	974.814
4)	L1 AR-1016-2	4.775	4.756	418.0E6	254.3E6	981.396	963.531
5)	L1 AR-1016-3	4.832	4.931	263.6E6	134.6E6	981.438	971.861
6)	L1 AR-1016-4	4.951	4.974	216.2E6	106.9E6	983.692	960.709
7)	L1 AR-1016-5	5.208	5.186	221.1E6	139.2E6	971.968	969.461
31)	L7 AR-1260-1	6.245	6.214	431.8E6	240.3E6	951.029	958.422
32)	L7 AR-1260-2	6.435	6.402	673.4E6	317.2E6	964.504	972.683
33)	L7 AR-1260-3	6.801	6.554	611.3E6	256.2E6	1000.788	975.155
34)	L7 AR-1260-4	7.061	7.023	447.3E6	185.7E6	971.795	969.934
35)	L7 AR-1260-5	7.304	7.265	1262.7E6	419.2E6	971.370	983.719

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

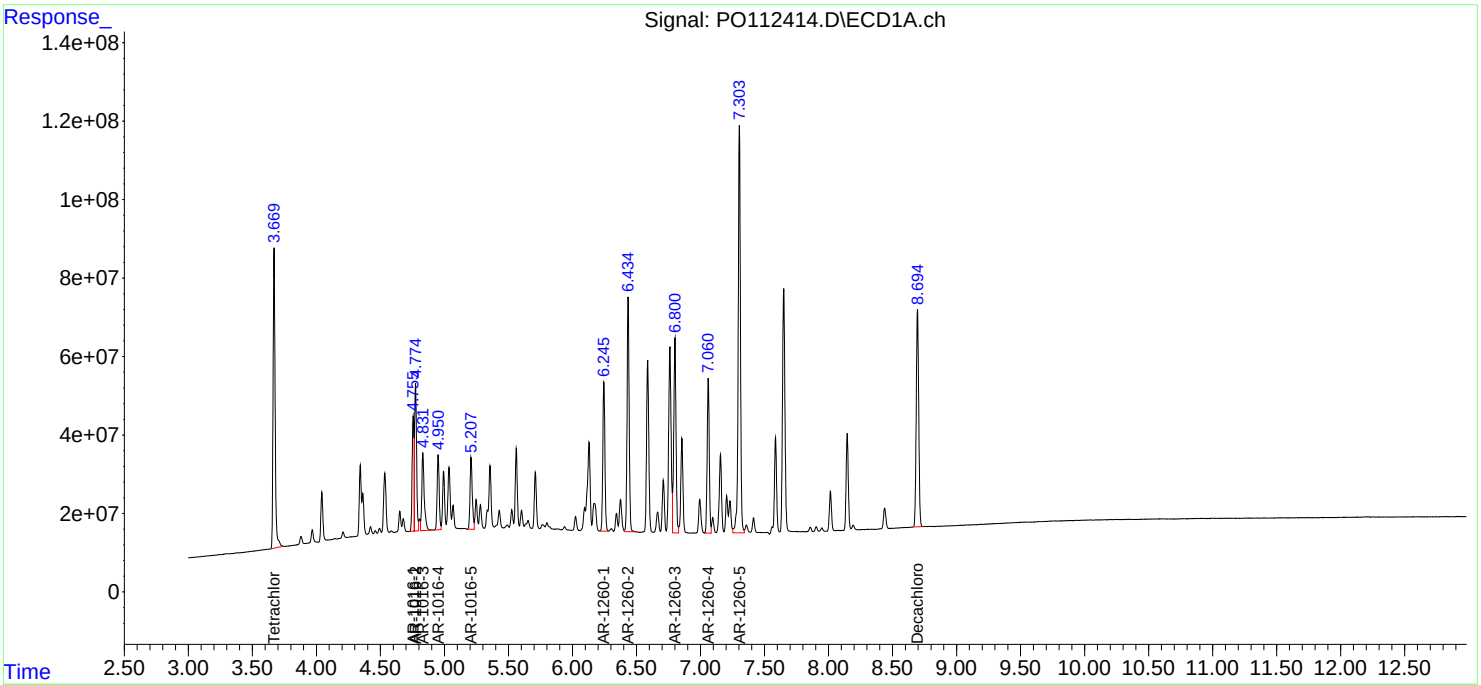
ICAL Form

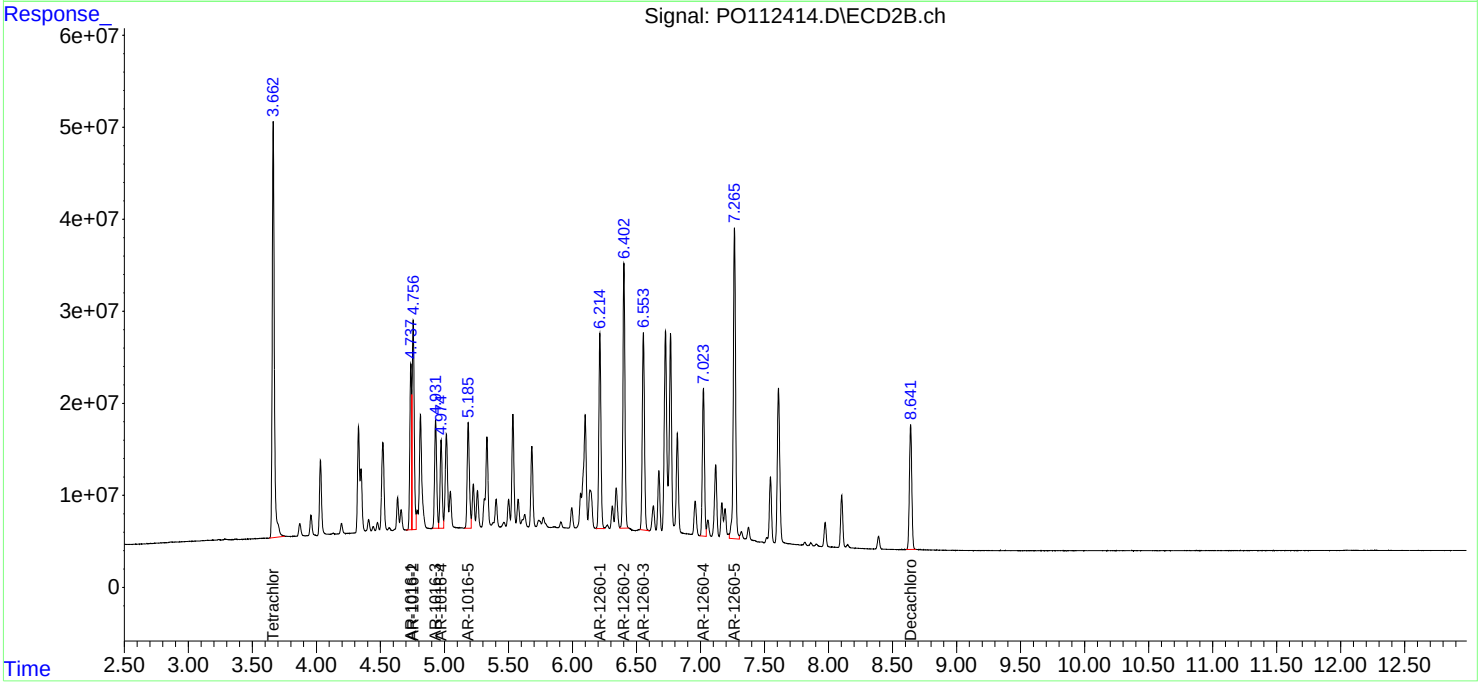
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:32
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

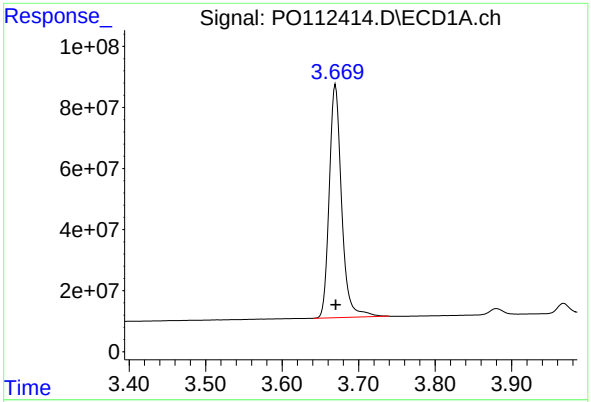
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:31:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:24:33 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



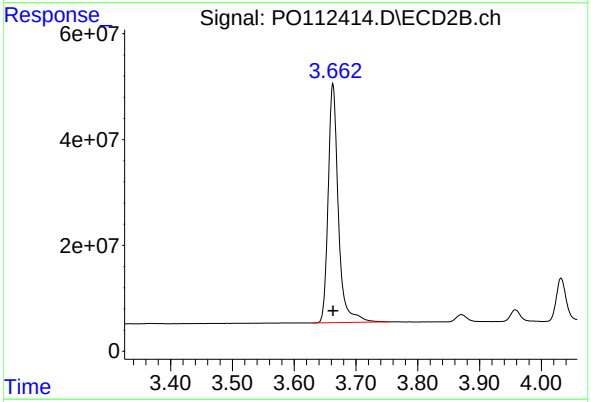




#1 Tetrachloro-m-xylene

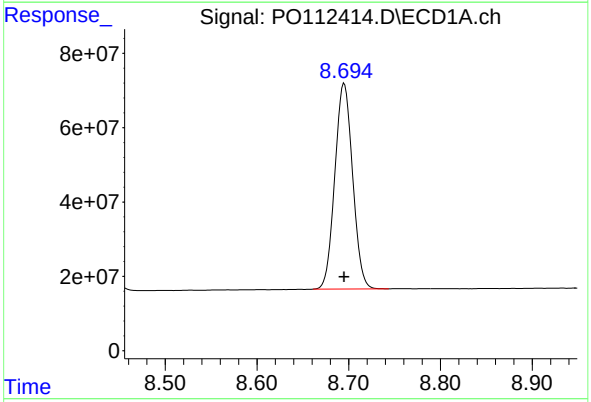
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 855486366
Conc: 98.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



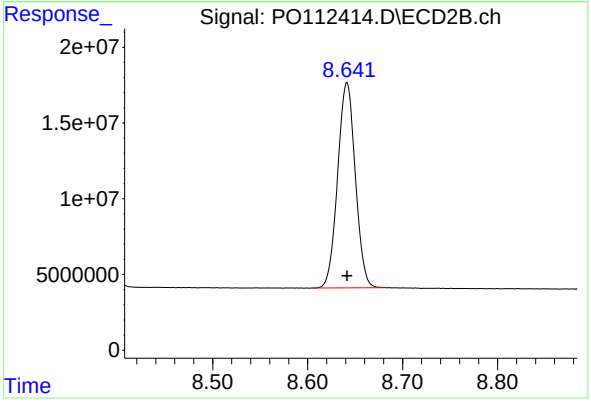
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 516966670
Conc: 98.47 ng/ml



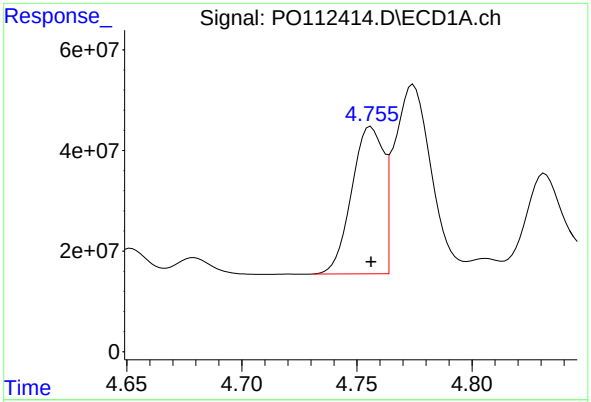
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 745668402
Conc: 97.56 ng/ml



#2 Decachlorobiphenyl

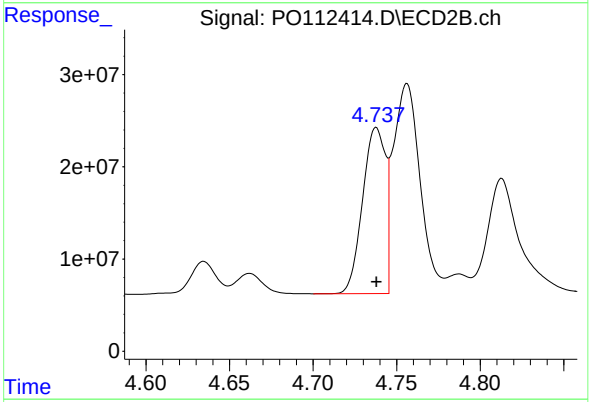
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 175329566
Conc: 96.57 ng/ml



#3 AR-1016-1

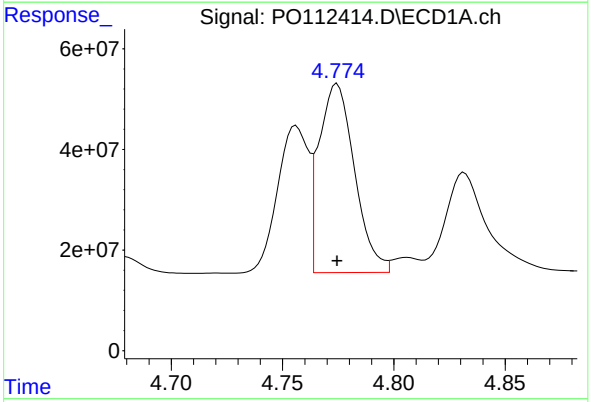
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 281481703
Conc: 983.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



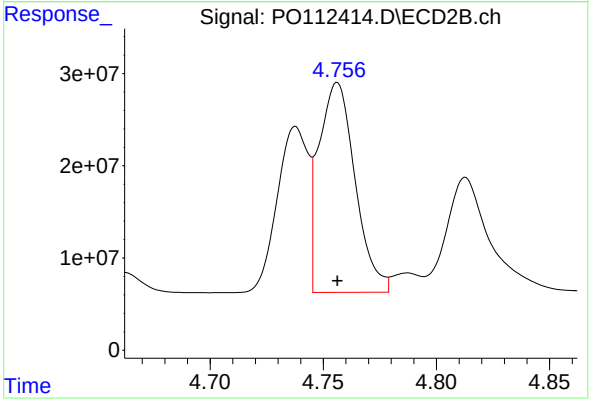
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 171399488
Conc: 974.81 ng/ml



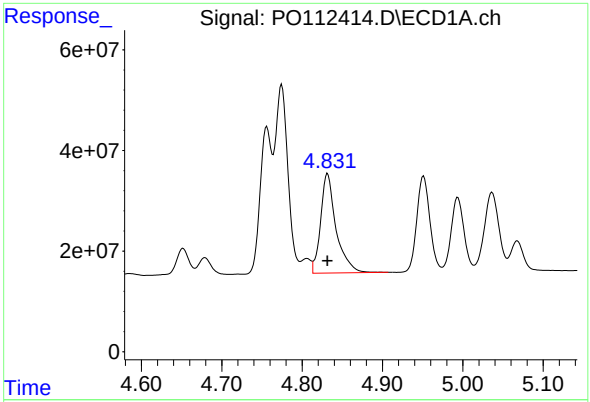
#4 AR-1016-2

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 418001550
Conc: 981.40 ng/ml



#4 AR-1016-2

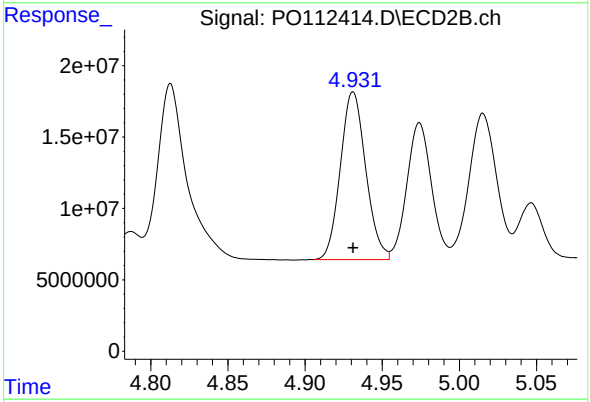
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 254283756
Conc: 963.53 ng/ml



#5 AR-1016-3

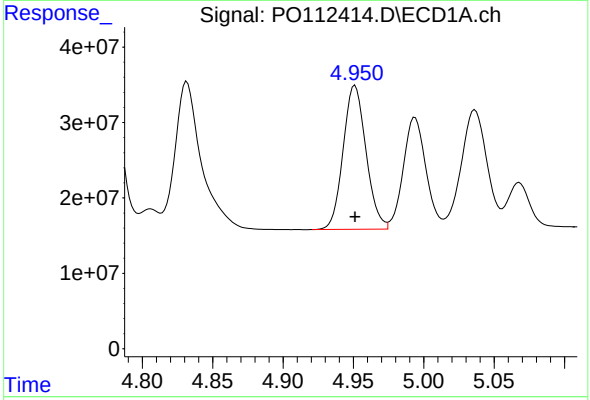
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 263638281
Conc: 981.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



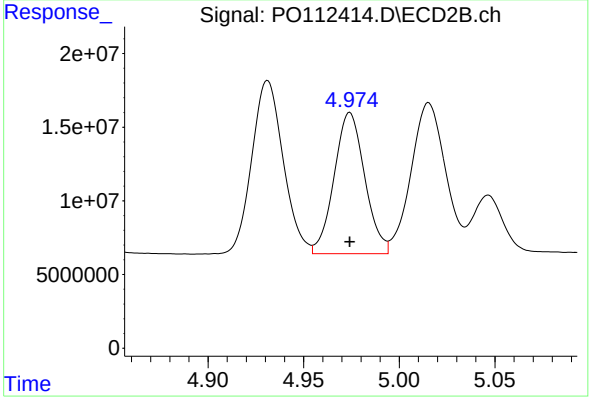
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 134555314
Conc: 971.86 ng/ml



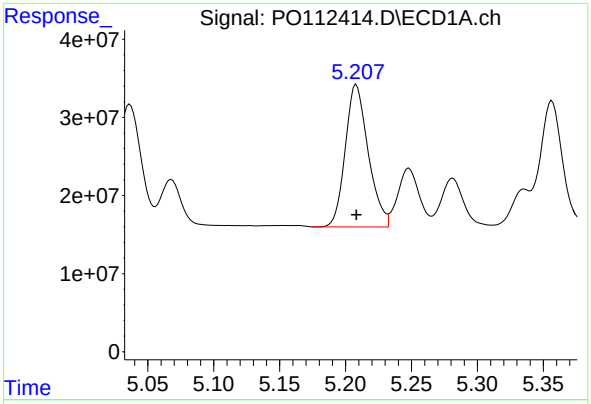
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 216165184
Conc: 983.69 ng/ml



#6 AR-1016-4

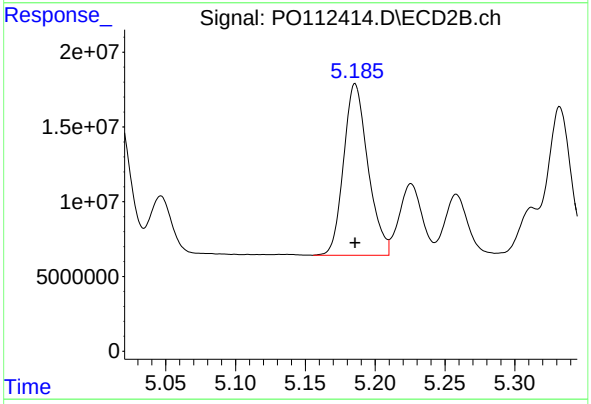
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 106915956
Conc: 960.71 ng/ml



#7 AR-1016-5

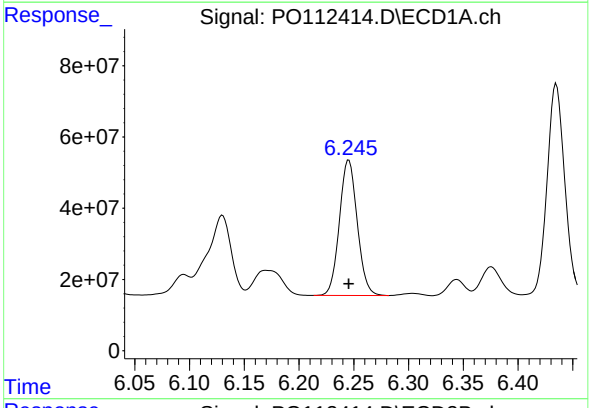
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 221113370
Conc: 971.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



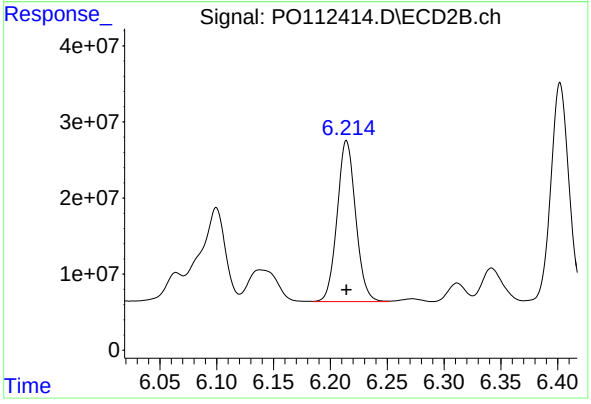
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 139169322
Conc: 969.46 ng/ml



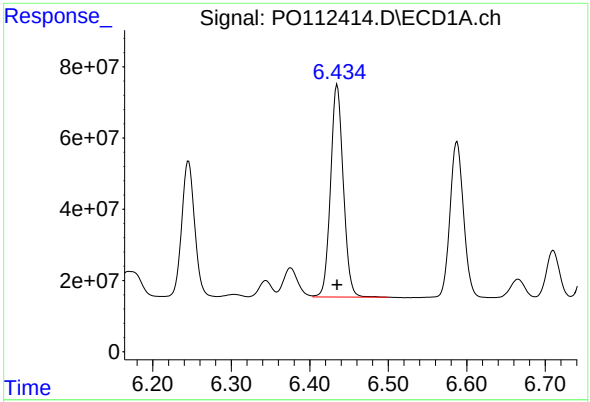
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 431773857
Conc: 951.03 ng/ml



#31 AR-1260-1

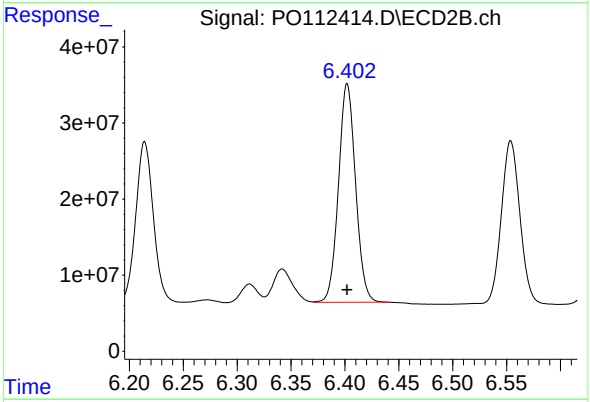
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 240286237
Conc: 958.42 ng/ml



#32 AR-1260-2

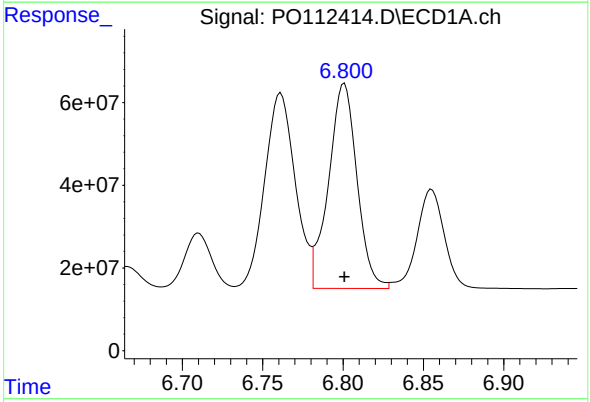
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 673380136
Conc: 964.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



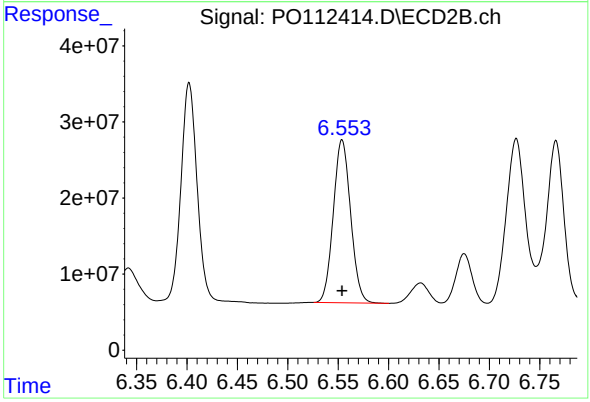
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 317223235
Conc: 972.68 ng/ml



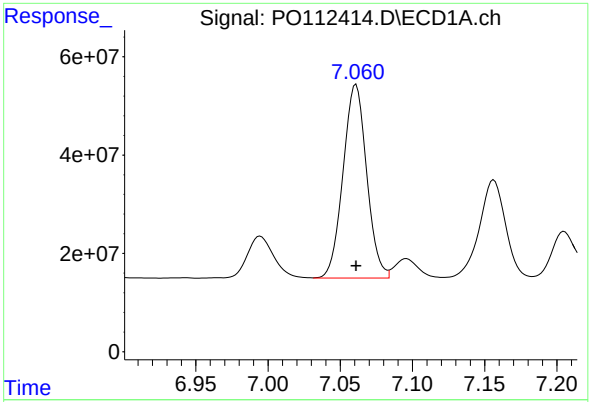
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 611274773
Conc: 1000.79 ng/ml



#33 AR-1260-3

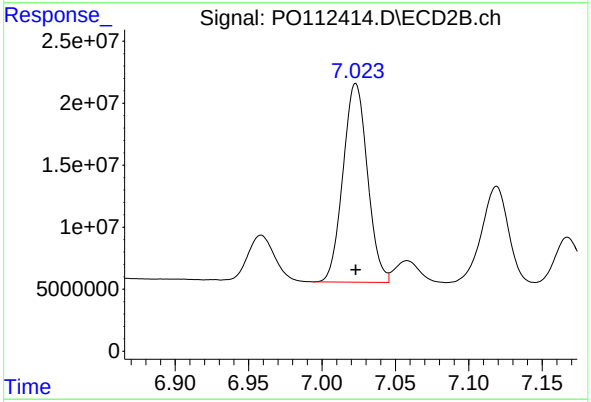
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 256241072
Conc: 975.16 ng/ml



#34 AR-1260-4

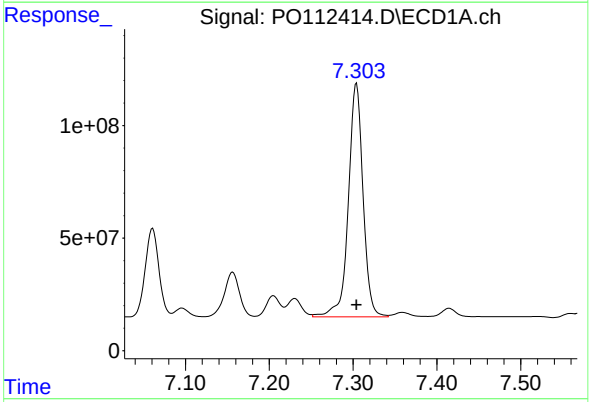
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 447285263
Conc: 971.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



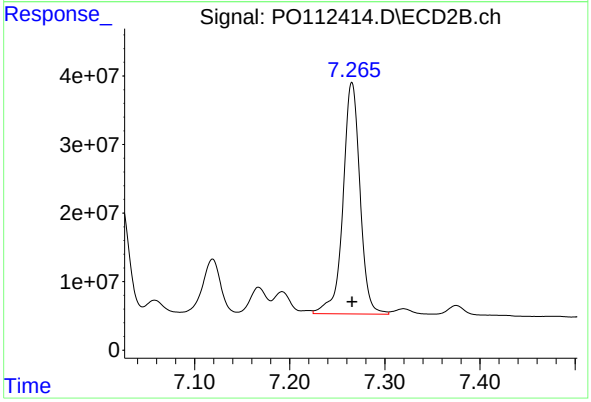
#34 AR-1260-4

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 185740526
Conc: 969.93 ng/ml



#35 AR-1260-5

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 1262689005
Conc: 971.37 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 419199446
Conc: 983.72 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:50
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: Jul 23 12:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:24:33 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...	3.668	3.662	656.3E6	398.6E6	75.555	75.614
2)	SA Decachlor...	8.692	8.640	575.7E6	136.6E6	75.217	75.145
	Target Compounds						
3)	L1 AR-1016-1	4.754	4.738	213.9E6	133.4E6	748.220	755.950
4)	L1 AR-1016-2	4.772	4.756	323.9E6	199.5E6	756.926	754.066
5)	L1 AR-1016-3	4.829	4.931	205.3E6	104.5E6	759.562	753.309
6)	L1 AR-1016-4	4.949	4.973	164.5E6	83762683	748.907	751.773
7)	L1 AR-1016-5	5.206	5.185	171.2E6	108.6E6	751.707	754.159
31)	L7 AR-1260-1	6.243	6.213	337.5E6	190.5E6	745.576	756.618
32)	L7 AR-1260-2	6.433	6.401	523.7E6	247.2E6	750.066	755.338
33)	L7 AR-1260-3	6.798	6.553	470.4E6	197.0E6	763.349	749.871
34)	L7 AR-1260-4	7.058	7.022	345.8E6	145.1E6	750.847	755.131
35)	L7 AR-1260-5	7.301	7.264	963.0E6	316.2E6	743.842	744.651

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

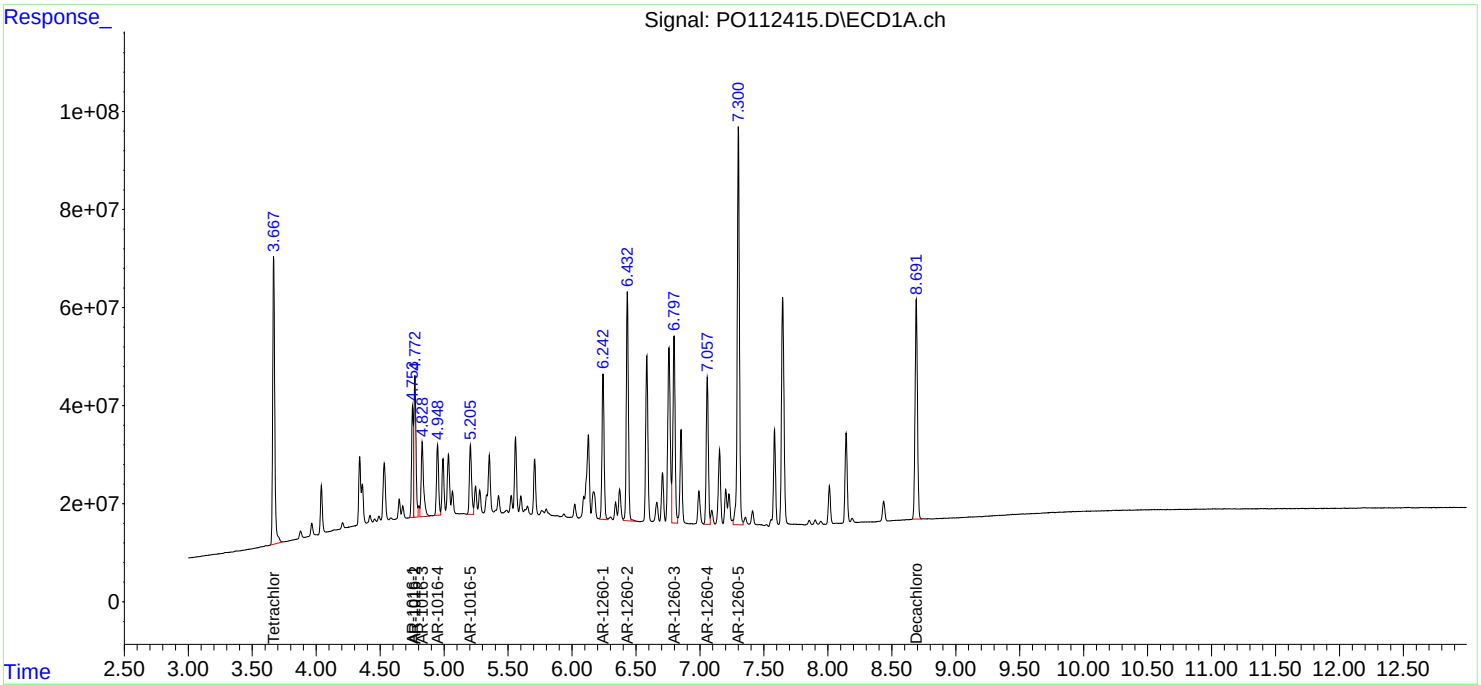
ICAL Form

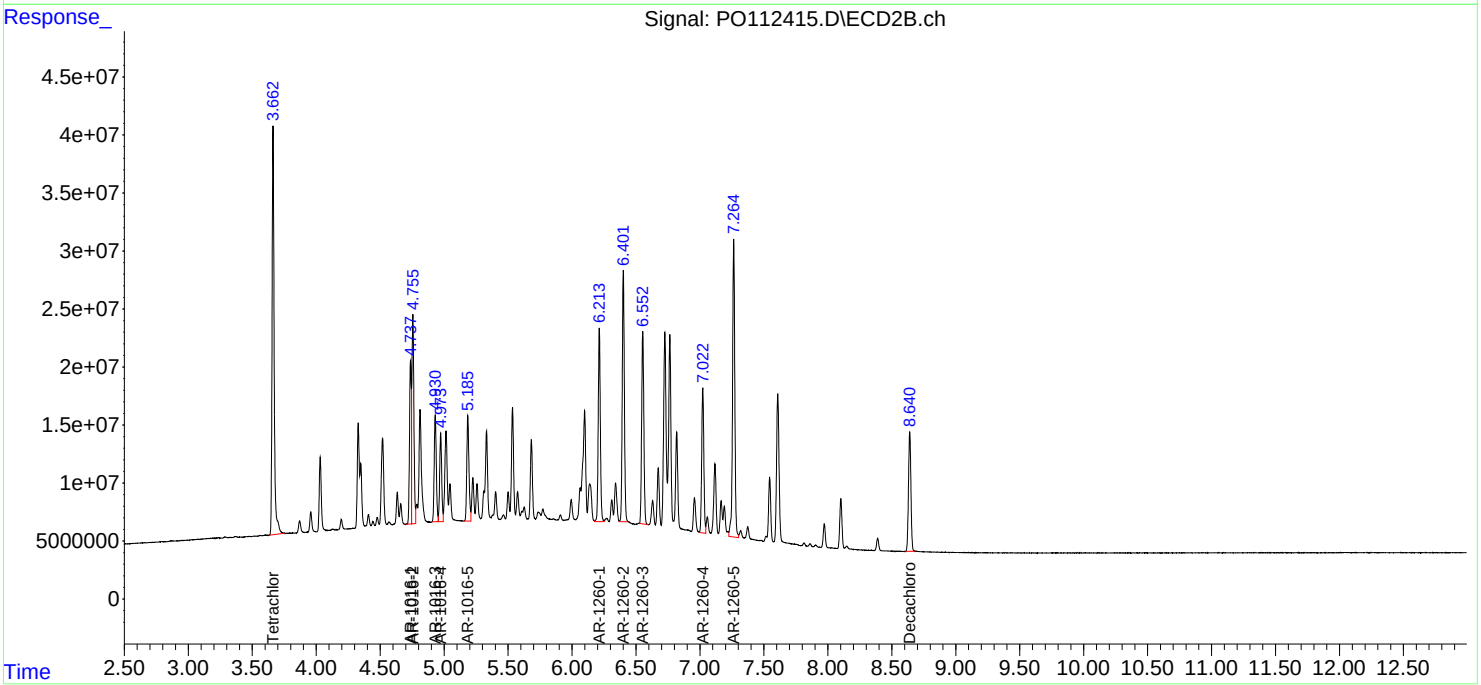
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:50
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

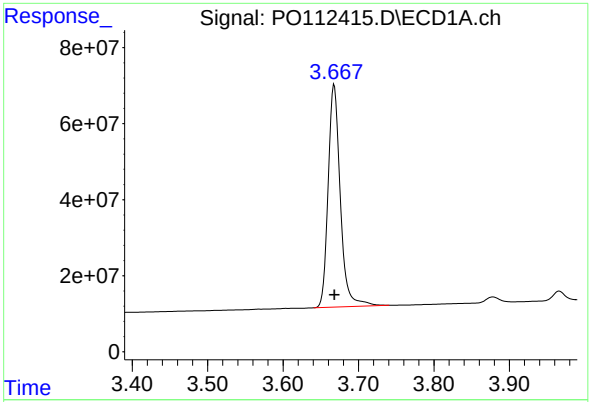
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:24:33 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



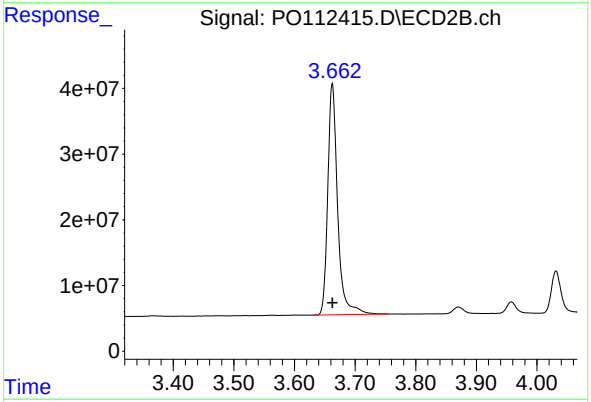




#1 Tetrachloro-m-xylene

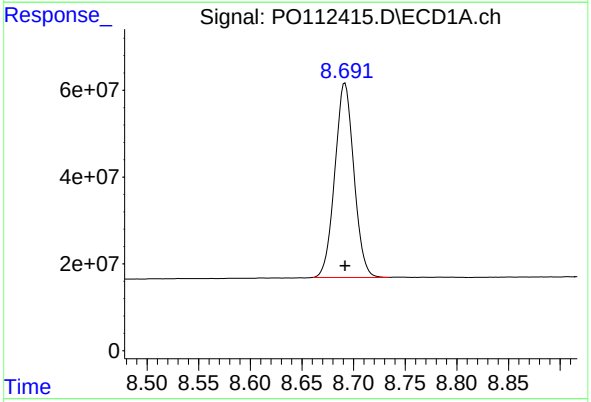
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 656313605
Conc: 75.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



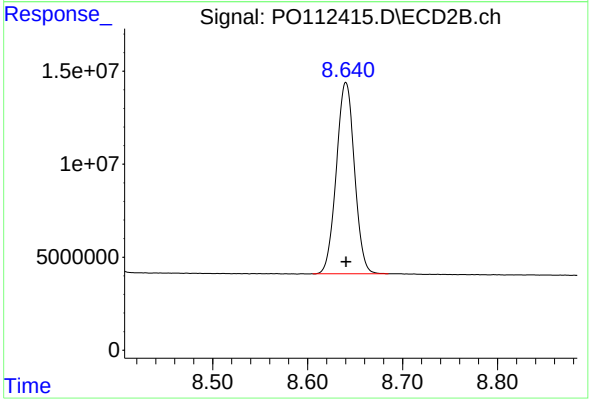
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 398614237
Conc: 75.61 ng/ml



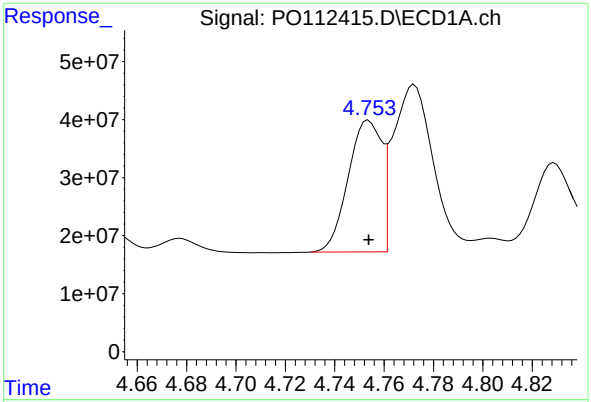
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 575718922
Conc: 75.22 ng/ml



#2 Decachlorobiphenyl

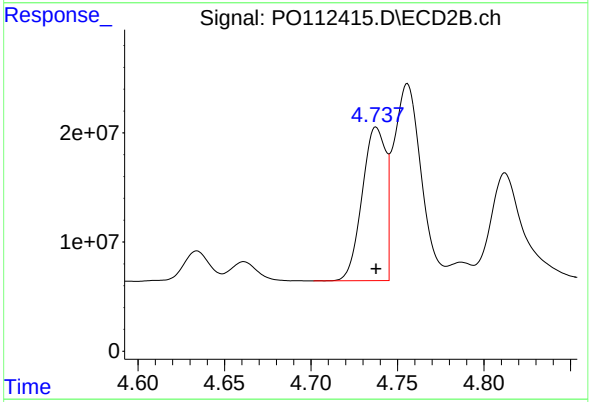
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 136562488
Conc: 75.15 ng/ml



#3 AR-1016-1

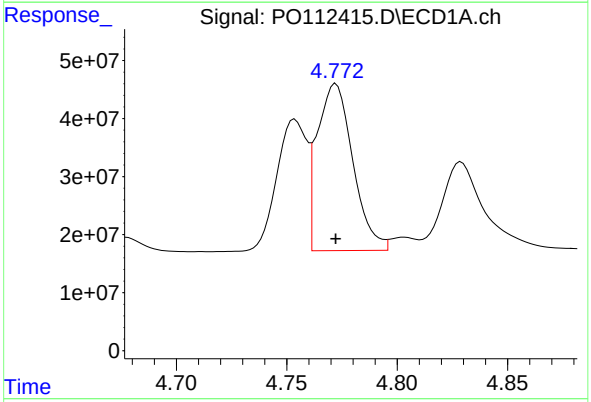
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 213861227
Conc: 748.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



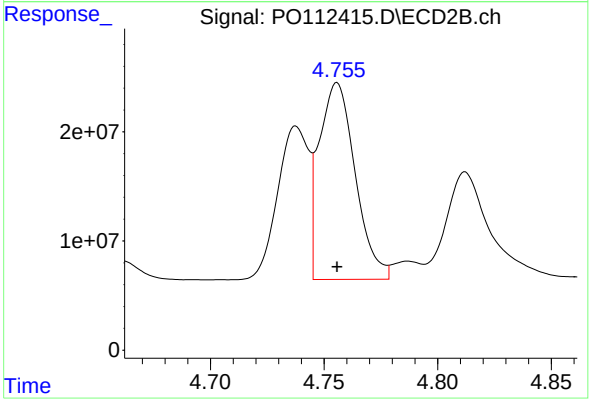
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 133446554
Conc: 755.95 ng/ml



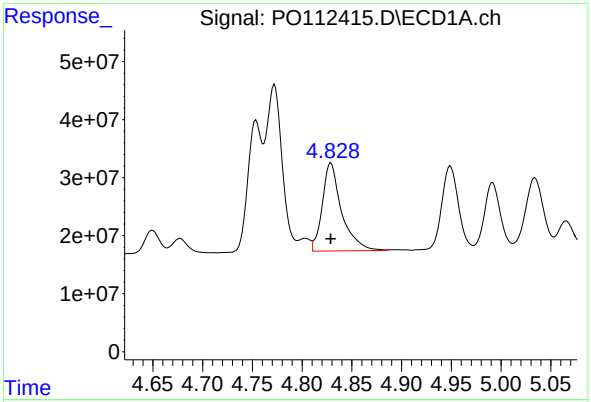
#4 AR-1016-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 323889696
Conc: 756.93 ng/ml



#4 AR-1016-2

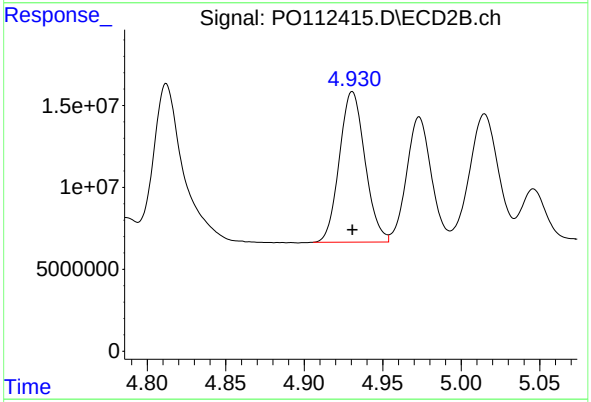
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 199544914
Conc: 754.07 ng/ml



#5 AR-1016-3

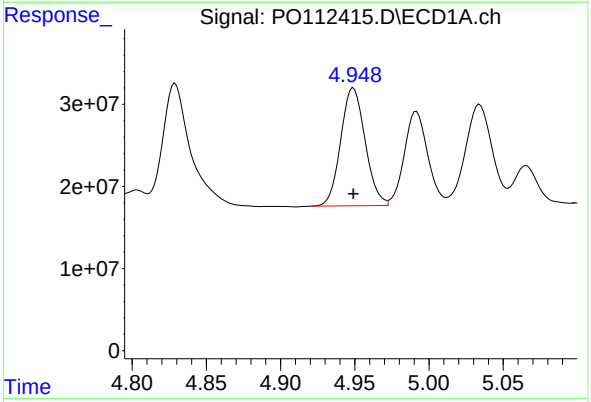
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 205345763
Conc: 759.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



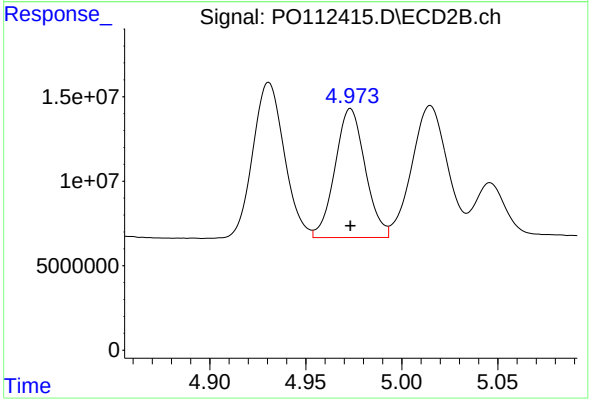
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 104527114
Conc: 753.31 ng/ml



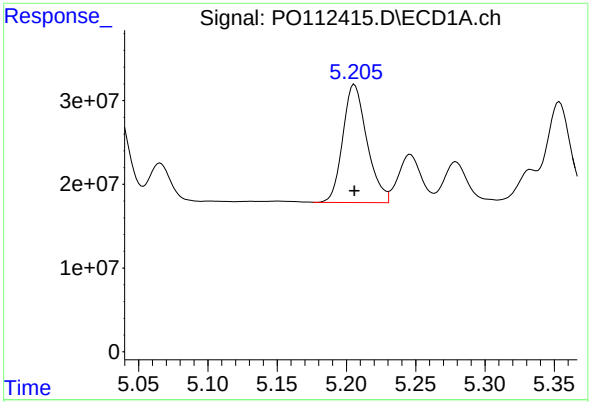
#6 AR-1016-4

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 164451540
Conc: 748.91 ng/ml



#6 AR-1016-4

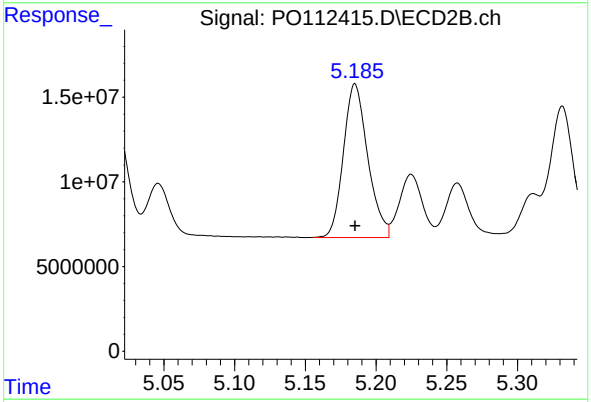
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 83762683
Conc: 751.77 ng/ml



#7 AR-1016-5

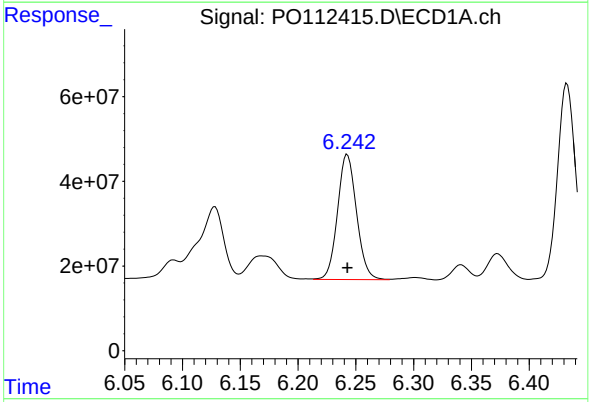
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 171201066
Conc: 751.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



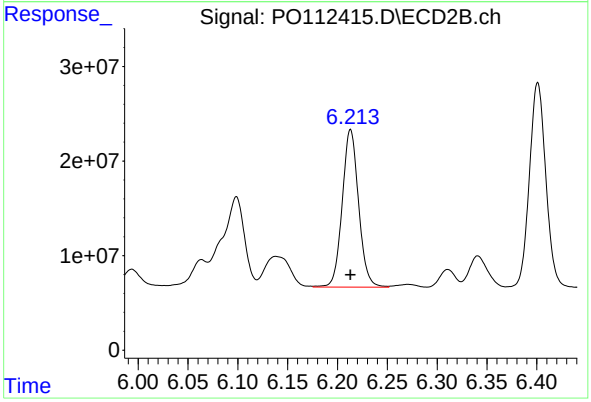
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 108563069
Conc: 754.16 ng/ml



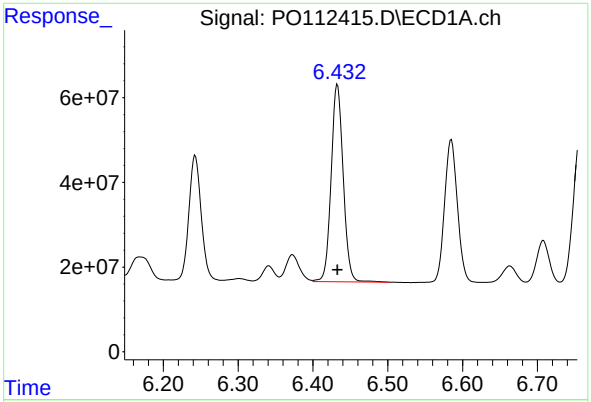
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 337501312
Conc: 745.58 ng/ml



#31 AR-1260-1

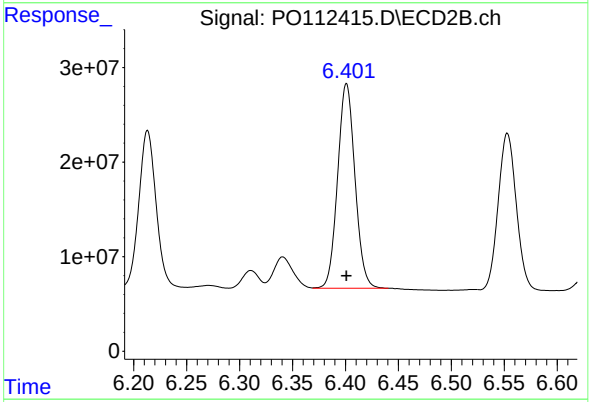
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 190532645
Conc: 756.62 ng/ml



#32 AR-1260-2

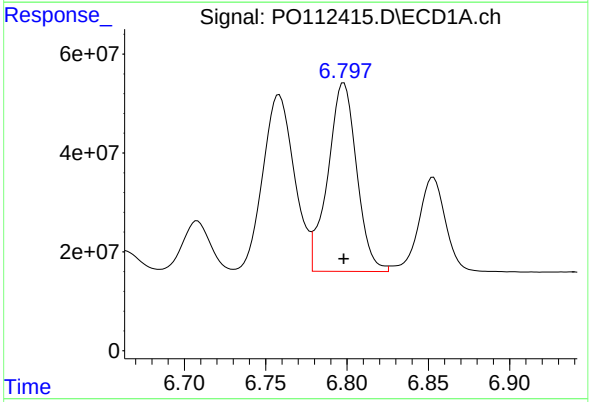
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 523690898
Conc: 750.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



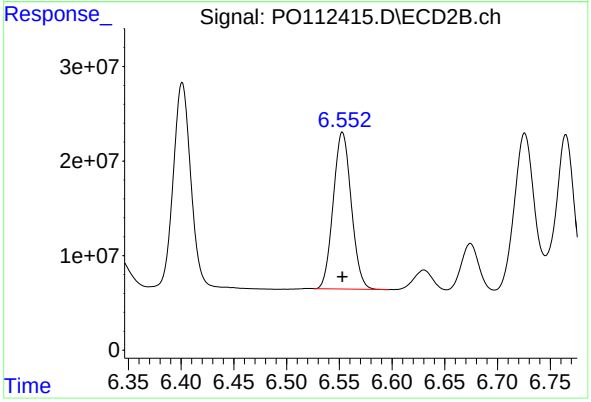
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 247219814
Conc: 755.34 ng/ml



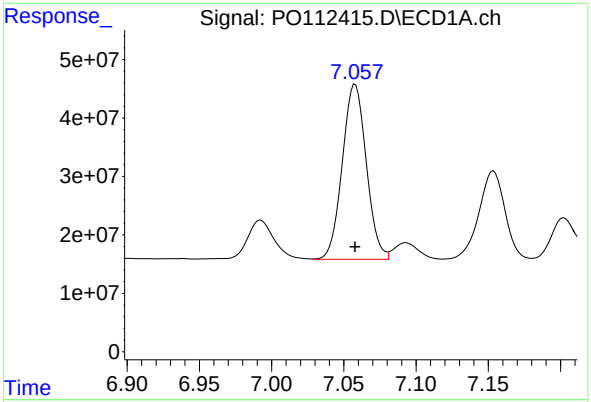
#33 AR-1260-3

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 470435075
Conc: 763.35 ng/ml



#33 AR-1260-3

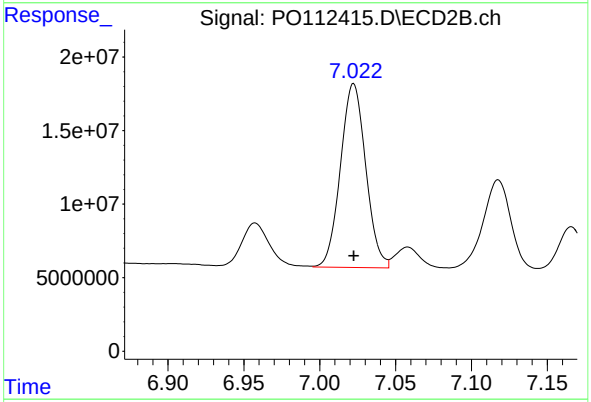
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 197026220
Conc: 749.87 ng/ml



#34 AR-1260-4

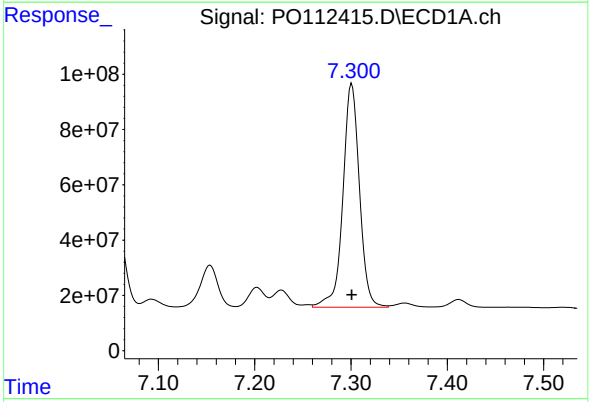
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 345785725
Conc: 750.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



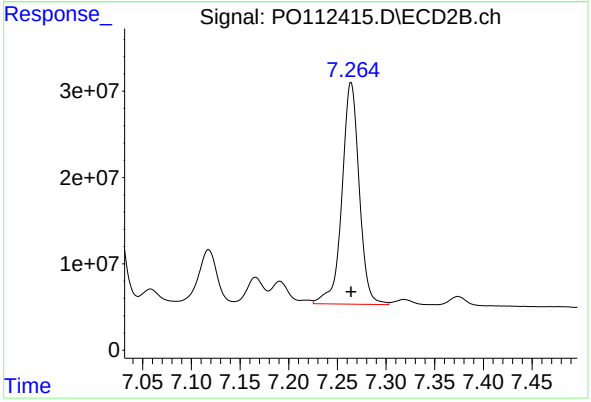
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 145102383
Conc: 755.13 ng/ml



#35 AR-1260-5

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 962971096
Conc: 743.84 ng/ml



#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 316196060
Conc: 744.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:08
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: Jul 23 12:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:24:33 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...	3.669	3.662	437.7E6	266.5E6	50.000	50.000
2)	SA Decachlor...	8.693	8.640	391.5E6	93890082	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.755	4.738	145.4E6	90128163	500.000	500.000
4)	L1 AR-1016-2	4.774	4.756	216.9E6	136.8E6	500.000	500.000
5)	L1 AR-1016-3	4.831	4.931	136.8E6	71173535	500.000	500.000
6)	L1 AR-1016-4	4.951	4.973	111.7E6	57830575	500.000	500.000
7)	L1 AR-1016-5	5.208	5.185	116.9E6	73968656	500.000	500.000
31)	L7 AR-1260-1	6.245	6.213	238.1E6	130.6E6	500.000	500.000
32)	L7 AR-1260-2	6.433	6.402	361.5E6	167.5E6	500.000	500.000
33)	L7 AR-1260-3	6.800	6.553	305.2E6	134.6E6	500.000	500.000
34)	L7 AR-1260-4	7.059	7.023	236.6E6	98627757	500.000	500.000
35)	L7 AR-1260-5	7.303	7.264	668.6E6	216.5E6	500.000	500.000

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

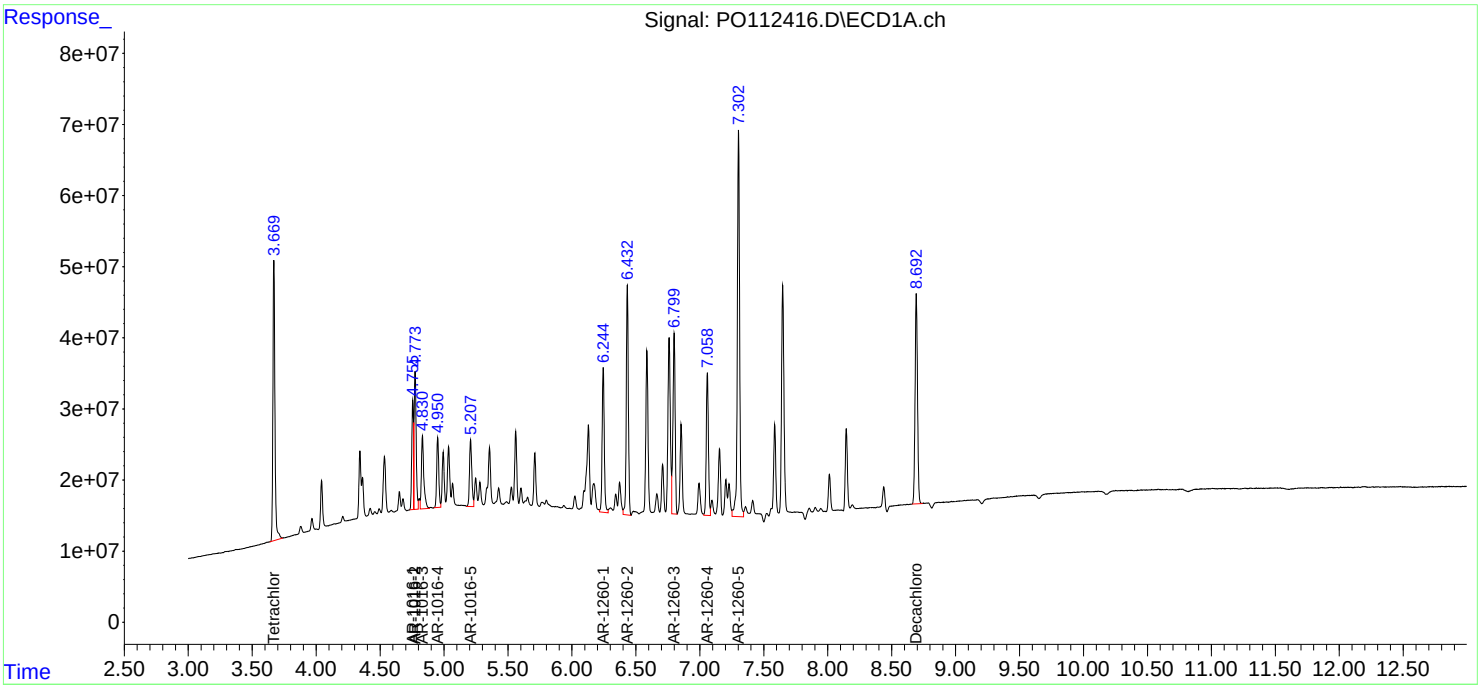
ICAL Form

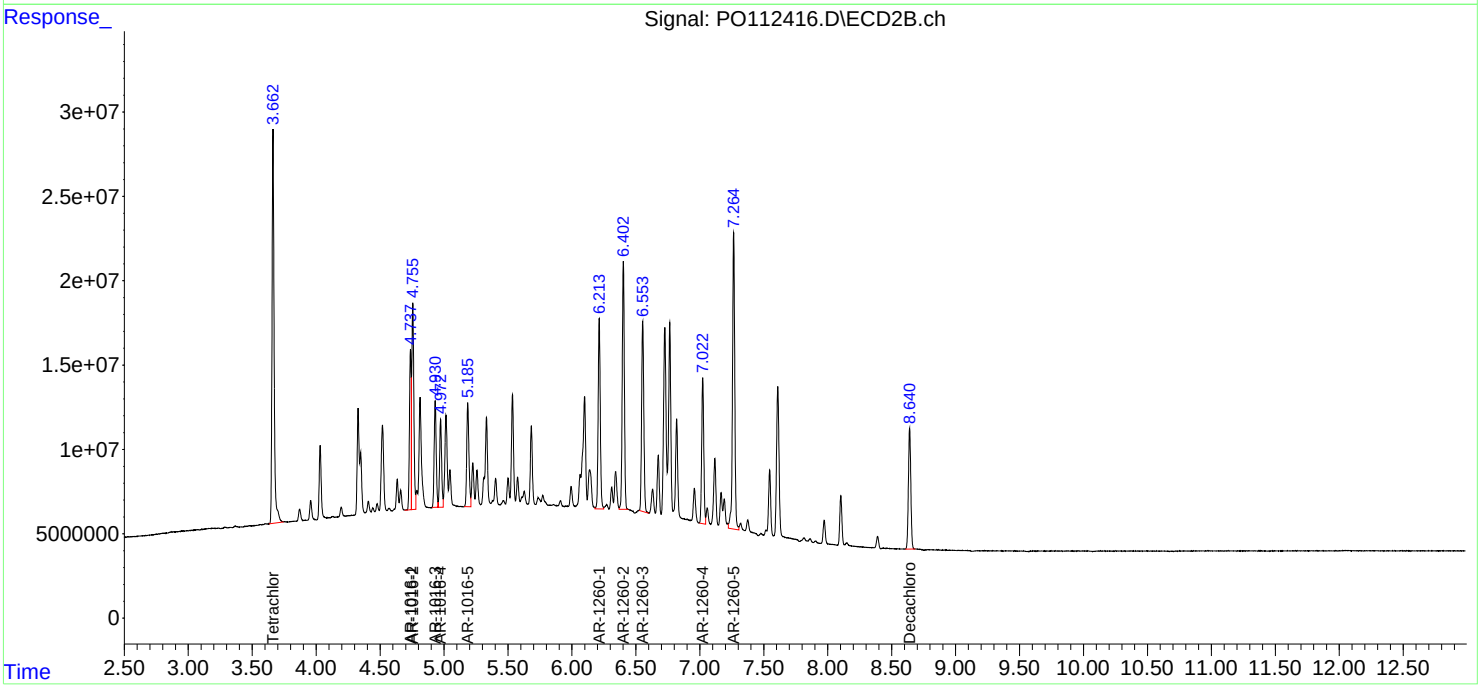
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:08
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

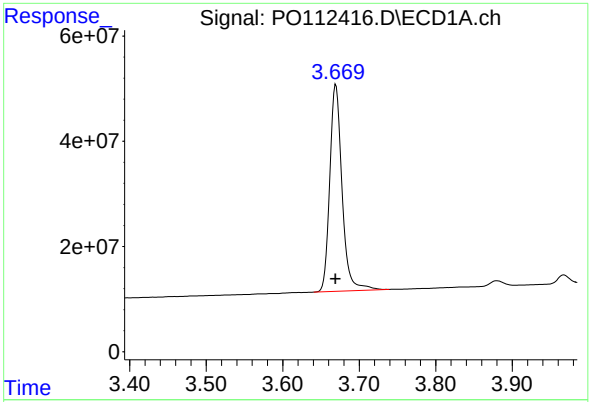
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:24:33 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



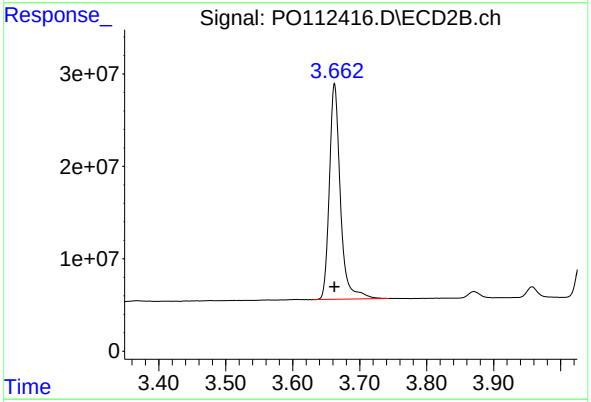




#1 Tetrachloro-m-xylene

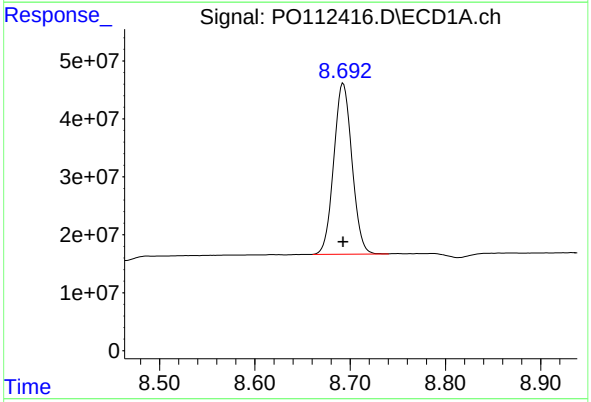
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 437703621
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



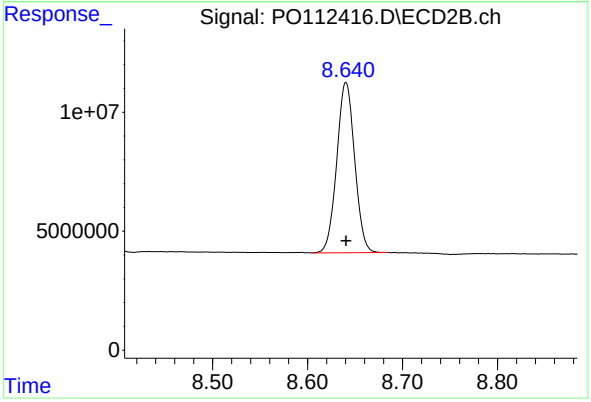
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 266527729
Conc: 50.00 ng/ml



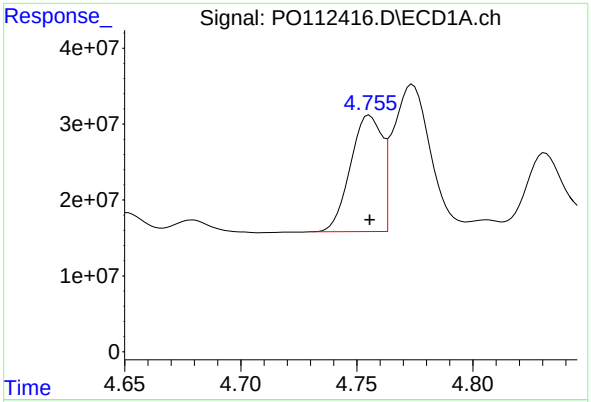
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 391474769
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

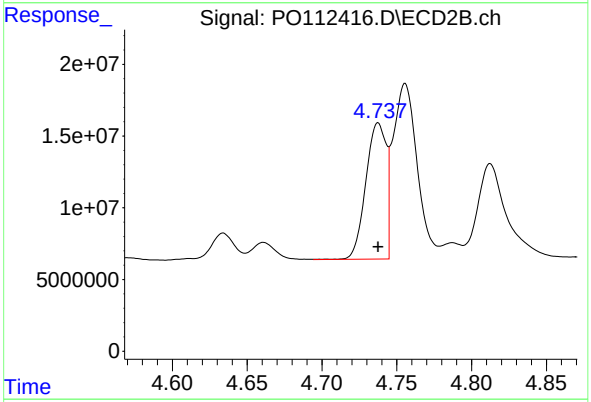
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 93890082
Conc: 50.00 ng/ml



#3 AR-1016-1

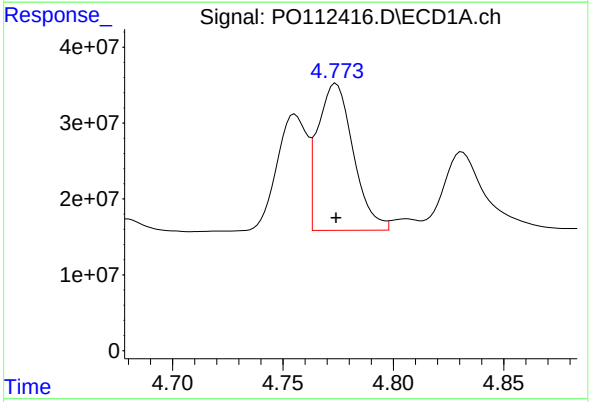
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 145424759
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



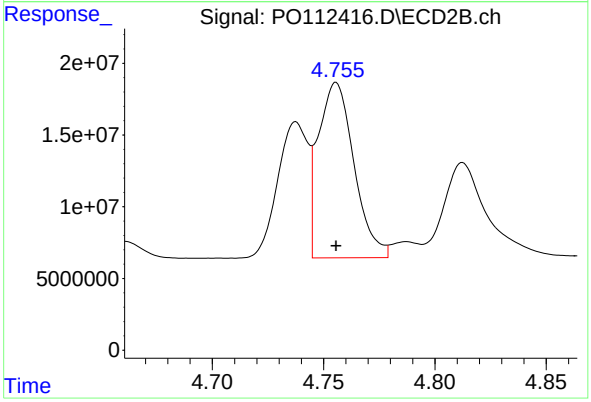
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 90128163
Conc: 500.00 ng/ml



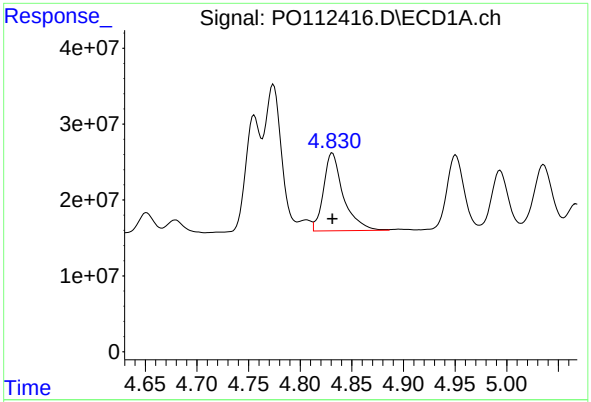
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 216924568
Conc: 500.00 ng/ml



#4 AR-1016-2

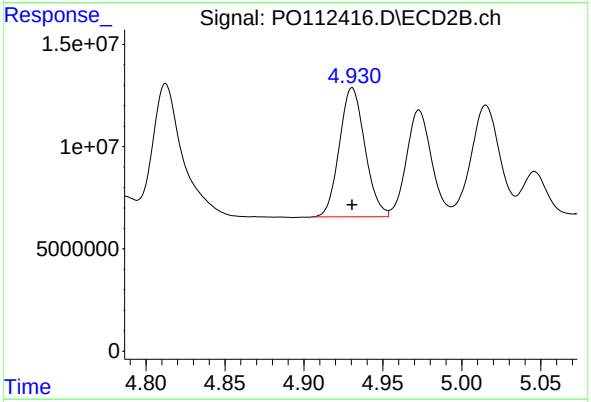
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 136766267
Conc: 500.00 ng/ml



#5 AR-1016-3

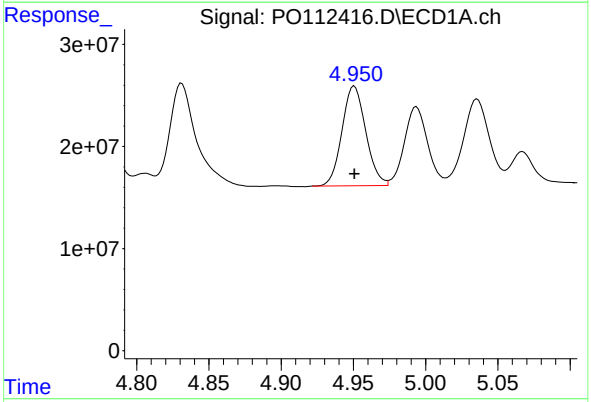
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 136805252
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



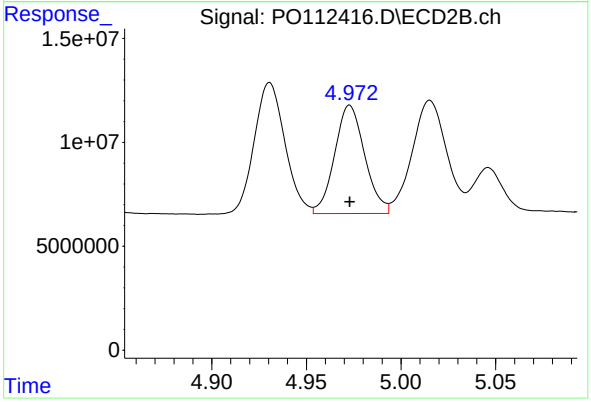
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 71173535
Conc: 500.00 ng/ml



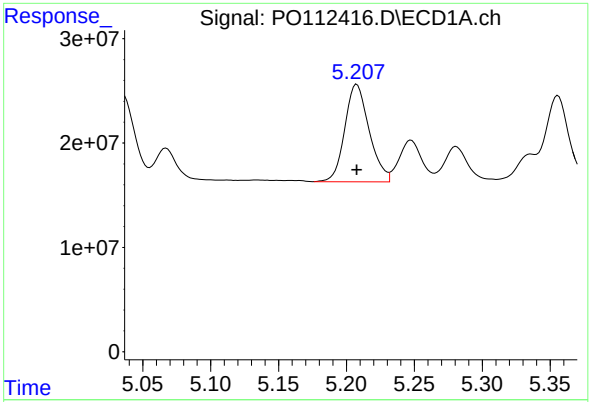
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 111666354
Conc: 500.00 ng/ml



#6 AR-1016-4

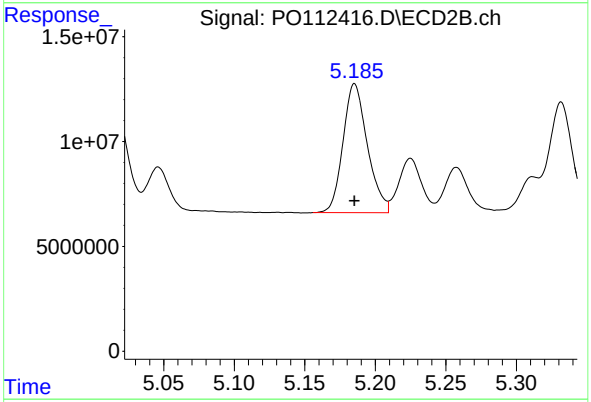
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 57830575
Conc: 500.00 ng/ml



#7 AR-1016-5

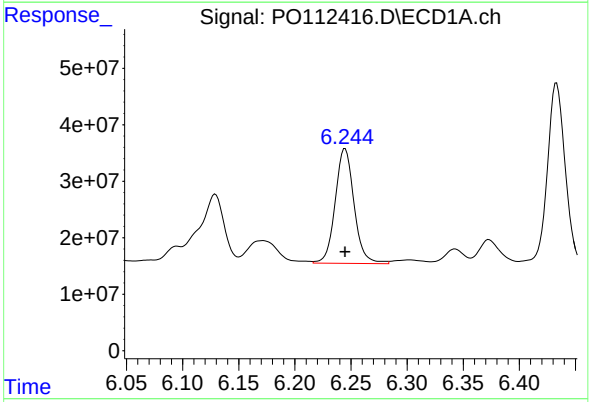
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 116933714
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



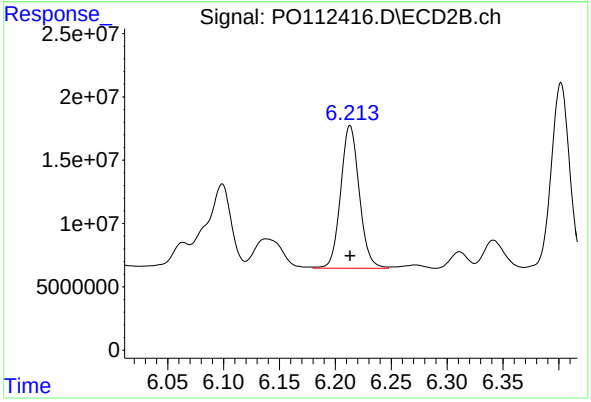
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 73968656
Conc: 500.00 ng/ml



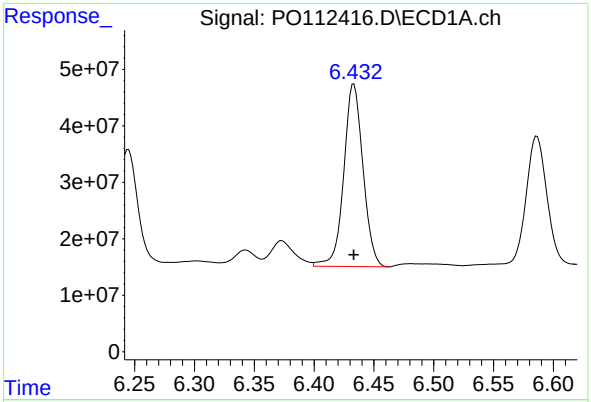
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 238120143
Conc: 500.00 ng/ml



#31 AR-1260-1

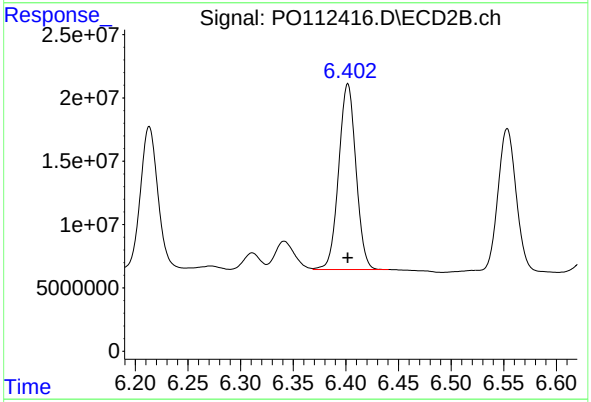
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 130567223
Conc: 500.00 ng/ml



#32 AR-1260-2

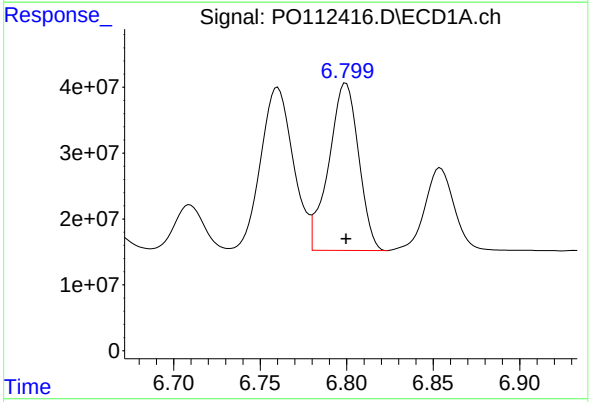
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 361472265
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



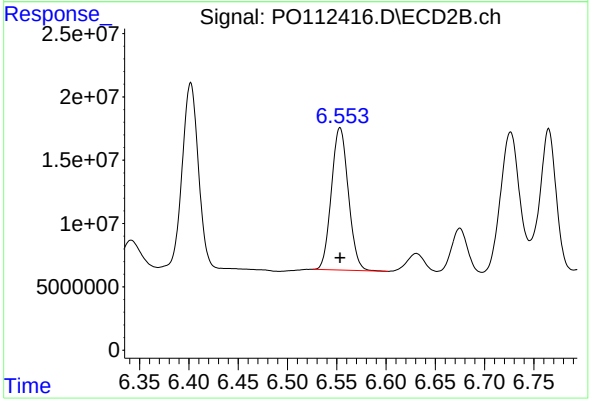
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 167520551
Conc: 500.00 ng/ml



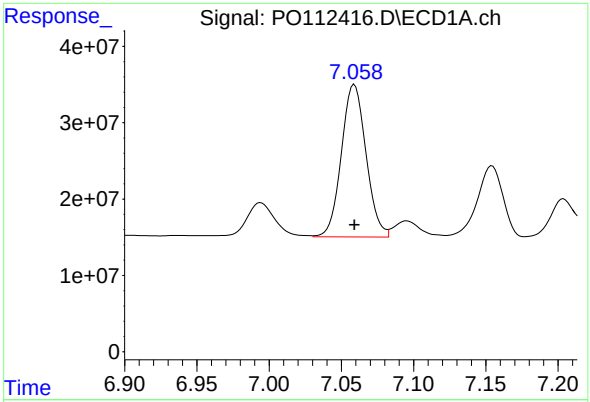
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 305155942
Conc: 500.00 ng/ml



#33 AR-1260-3

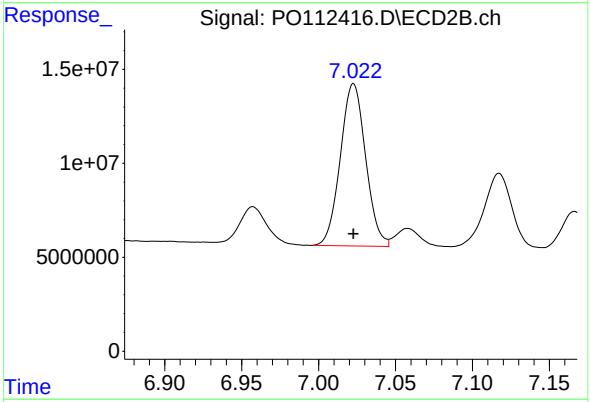
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 134648936
Conc: 500.00 ng/ml



#34 AR-1260-4

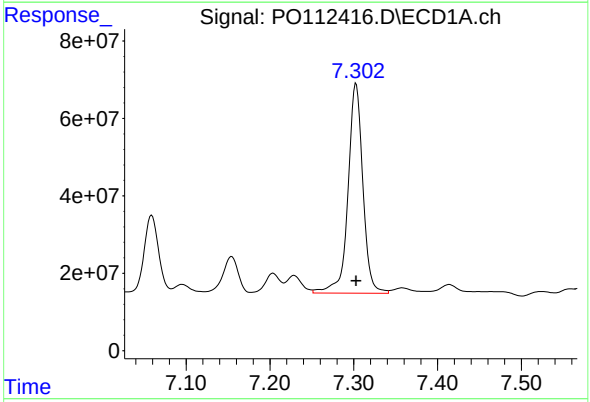
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 236624452
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



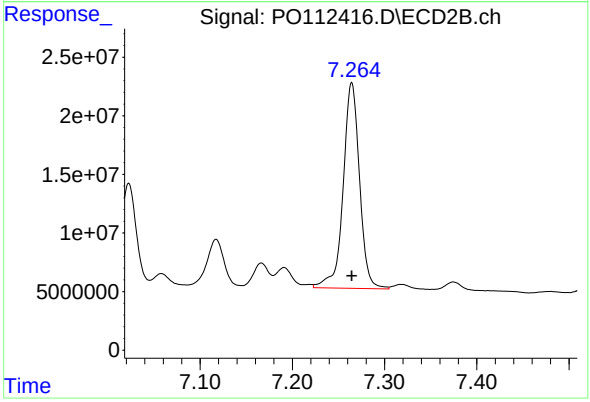
#34 AR-1260-4

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 98627757
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 668560746
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 216537683
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:27
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 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...	3.670	3.662	207.9E6	127.8E6	24.188	24.425
2)	SA Decachlor...	8.693	8.639	191.8E6	47304642	25.044	25.765
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	69875317	44959652	245.828	253.500
4)	L1 AR-1016-2	4.774	4.756	105.2E6	68066920	246.833	255.376
5)	L1 AR-1016-3	4.831	4.931	65721962	35251812	244.790	253.028
6)	L1 AR-1016-4	4.951	4.973	53435135	29674672	244.973	262.052
7)	L1 AR-1016-5	5.207	5.185	58842499	38084113	256.222	260.764
31)	L7 AR-1260-1	6.243	6.213	111.9E6	64510353	248.096m	249.850m
32)	L7 AR-1260-2	6.433	6.401	171.6E6	85155201	247.077m	257.556
33)	L7 AR-1260-3	6.800	6.552	153.7E6	68977690	249.524	262.028m
34)	L7 AR-1260-4	7.059	7.022	126.3E6	50234042	267.727	258.471
35)	L7 AR-1260-5	7.302	7.264	336.9E6	108.7E6	257.581	254.474

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:27
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

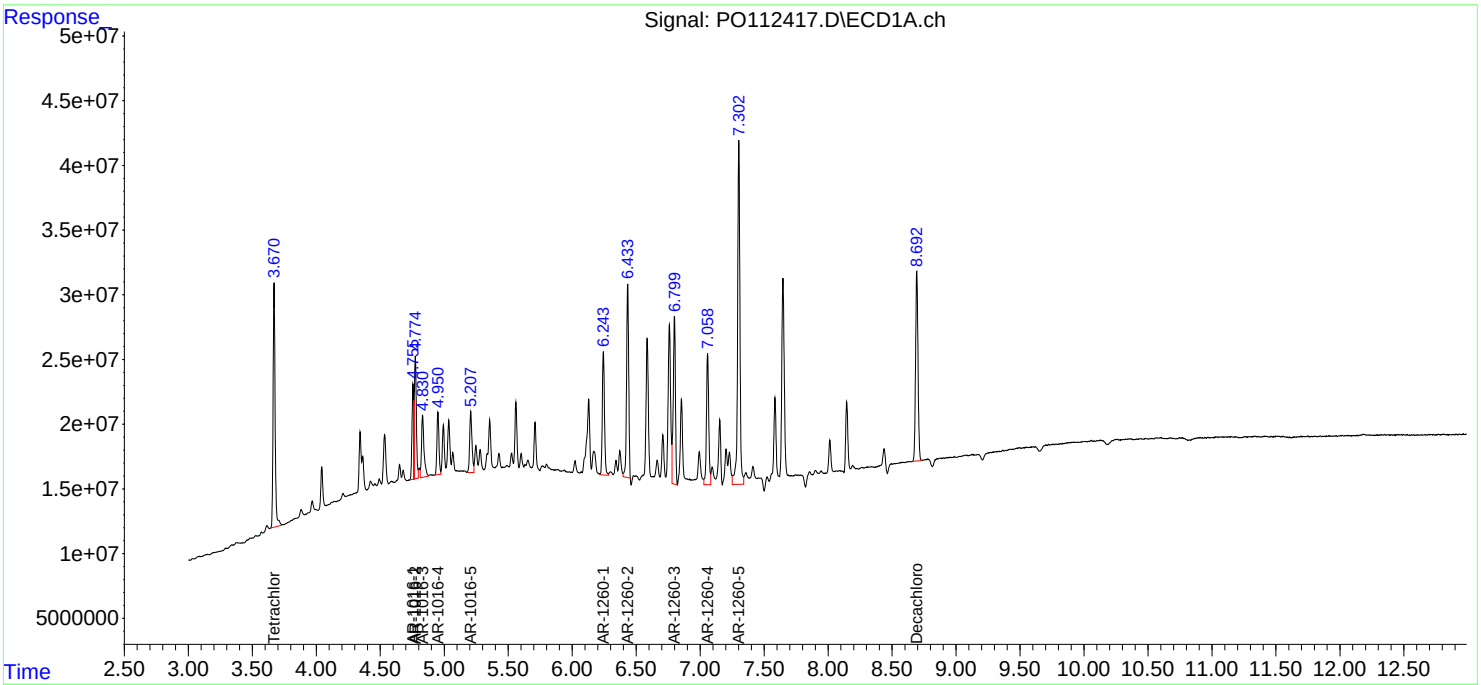
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

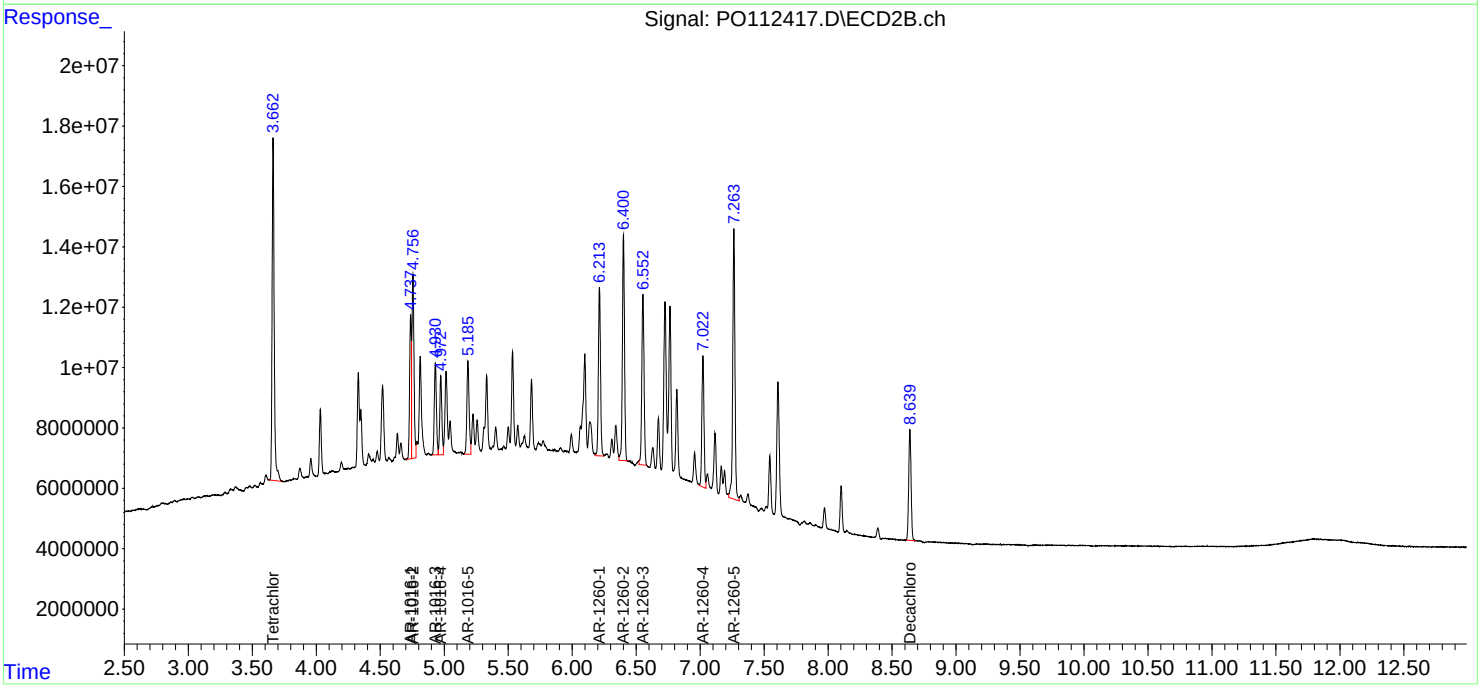
Manual Integrations APPROVED

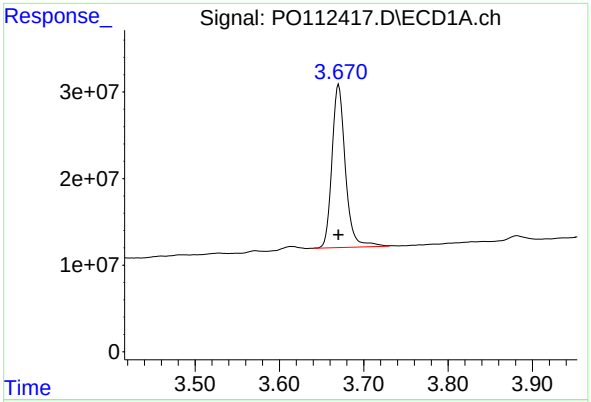
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 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







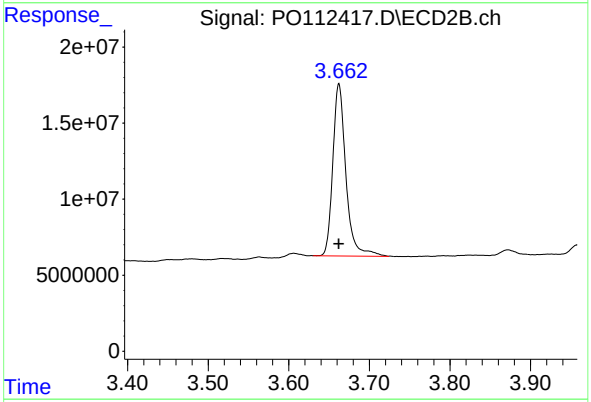
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 207865500
Conc: 24.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

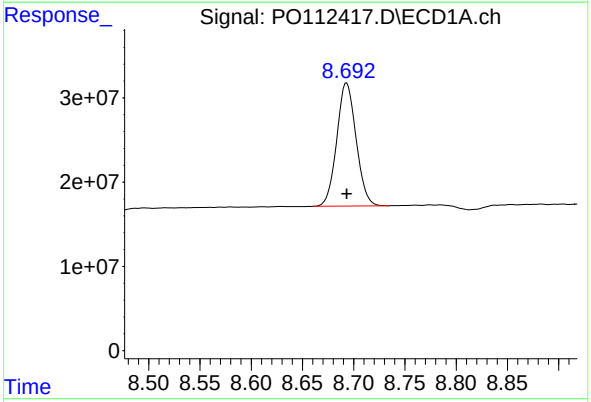
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



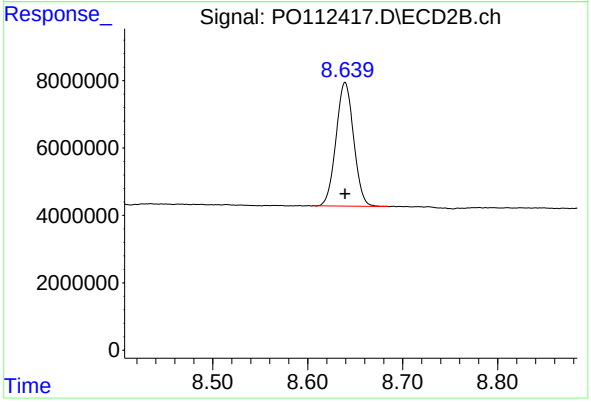
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 127780164
Conc: 24.42 ng/ml



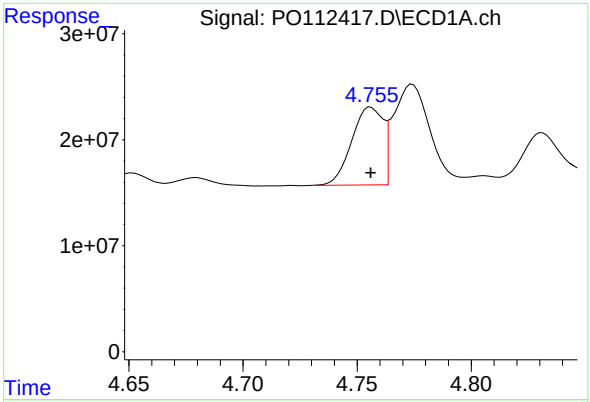
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 191806392
Conc: 25.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 47304642
Conc: 25.76 ng/ml



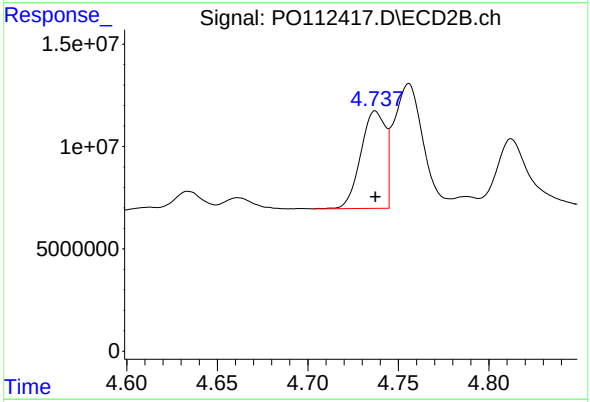
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 69875317
Conc: 245.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

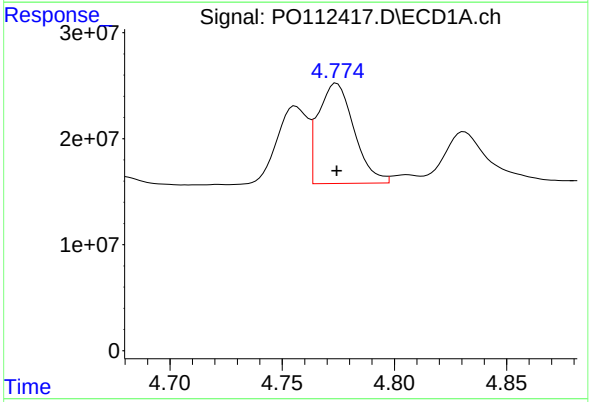
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



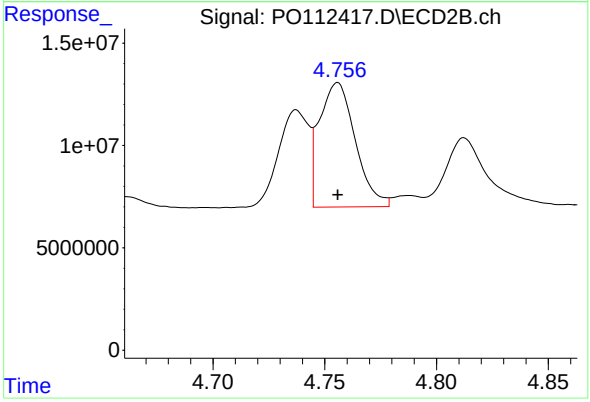
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 44959652
Conc: 253.50 ng/ml



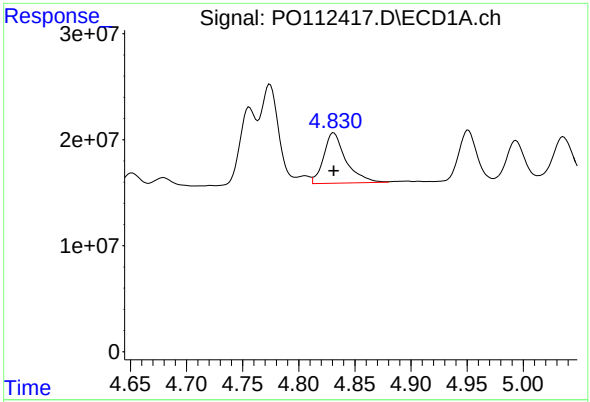
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 105176225
Conc: 246.83 ng/ml



#4 AR-1016-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 68066920
Conc: 255.38 ng/ml



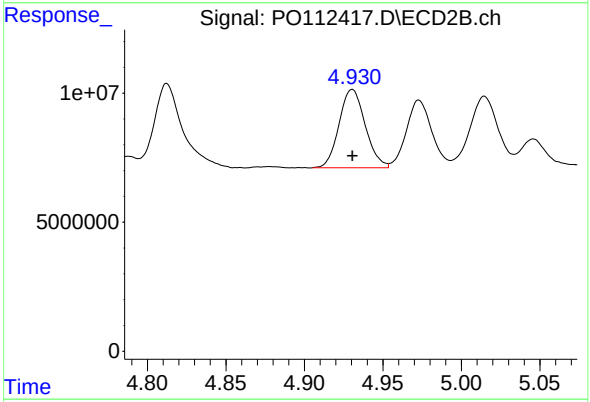
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 65721962
Conc: 244.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

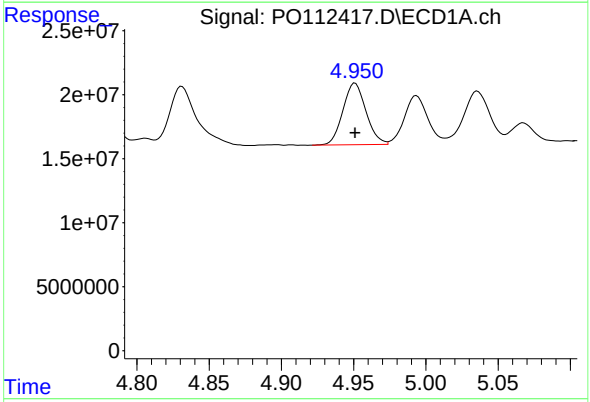
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



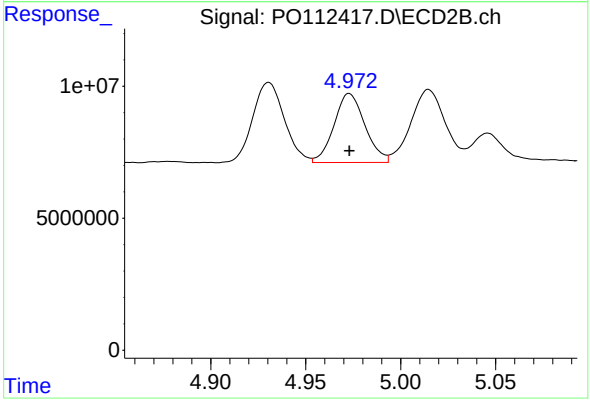
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 35251812
Conc: 253.03 ng/ml



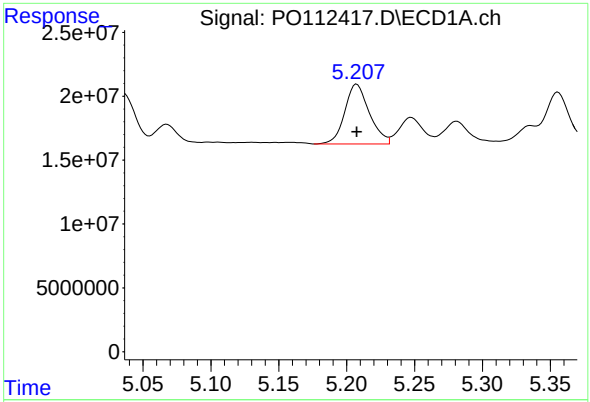
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 53435135
Conc: 244.97 ng/ml



#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 29674672
Conc: 262.05 ng/ml



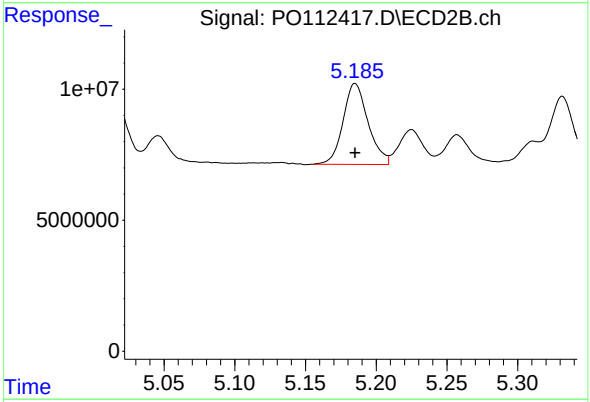
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 58842499
Conc: 256.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

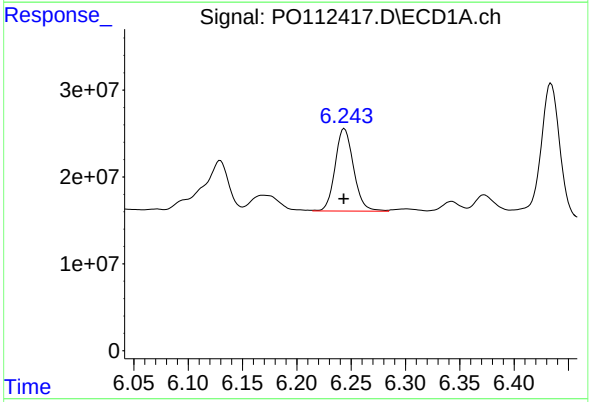
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



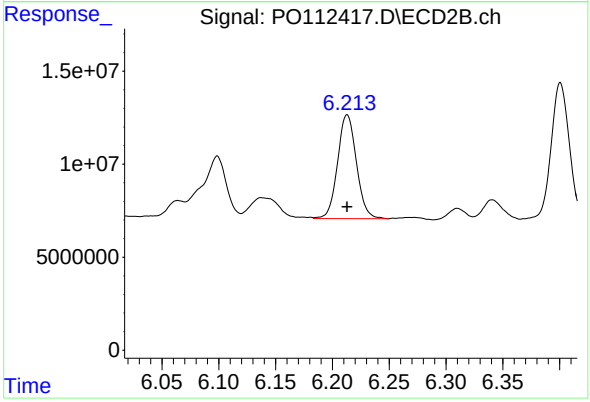
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 38084113
Conc: 260.76 ng/ml



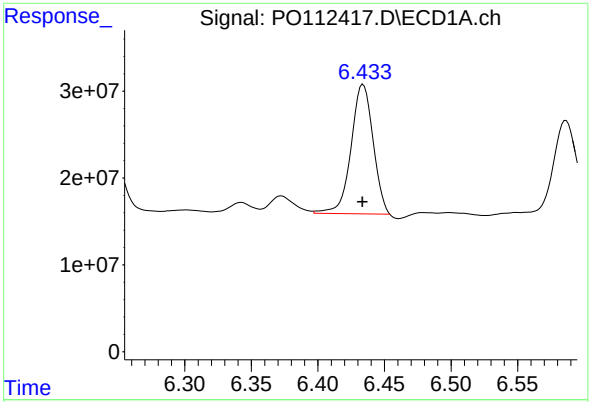
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 111903143
Conc: 248.10 ng/ml m



#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 64510353
Conc: 249.85 ng/ml m



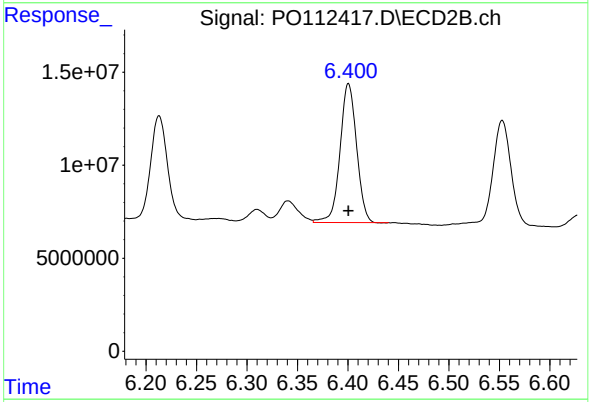
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 171626516
Conc: 247.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

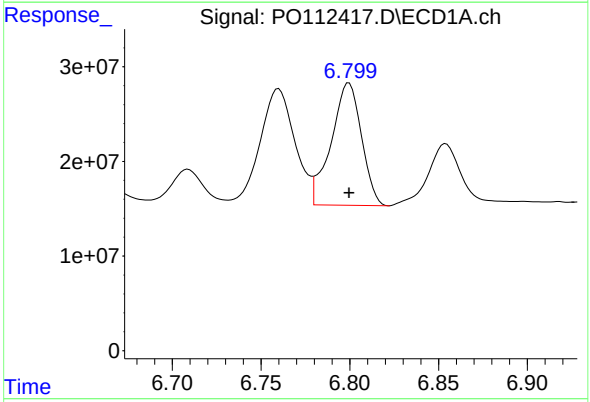
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



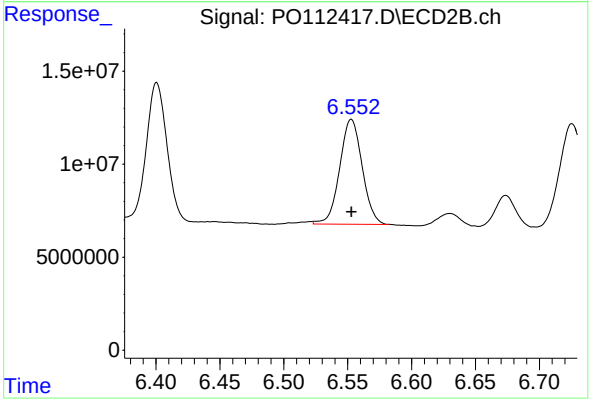
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 85155201
Conc: 257.56 ng/ml



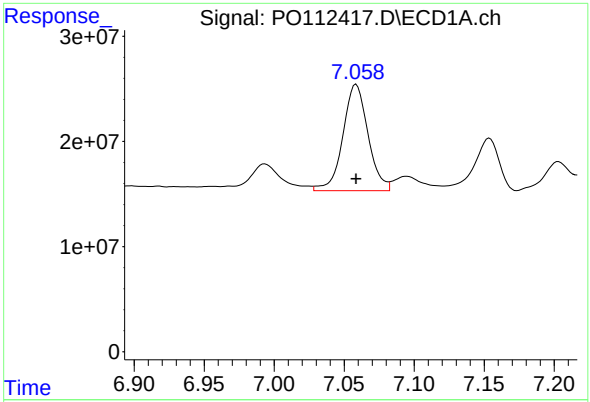
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 153678285
Conc: 249.52 ng/ml



#33 AR-1260-3

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 68977690
Conc: 262.03 ng/ml m



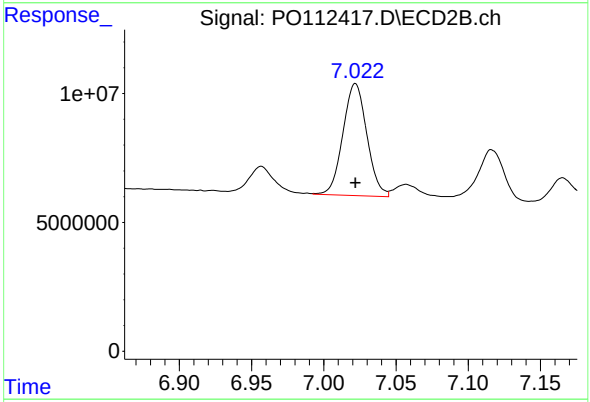
#34 AR-1260-4

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 126280400
Conc: 267.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

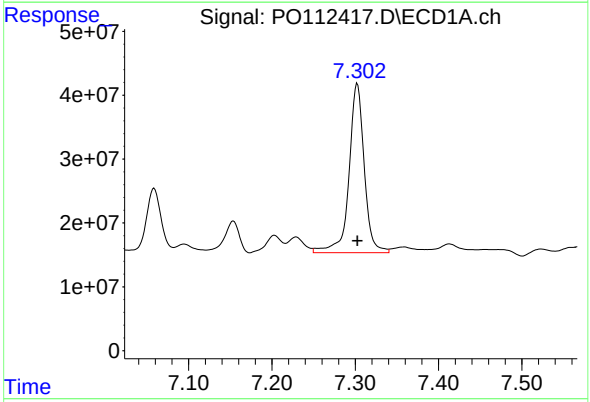
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



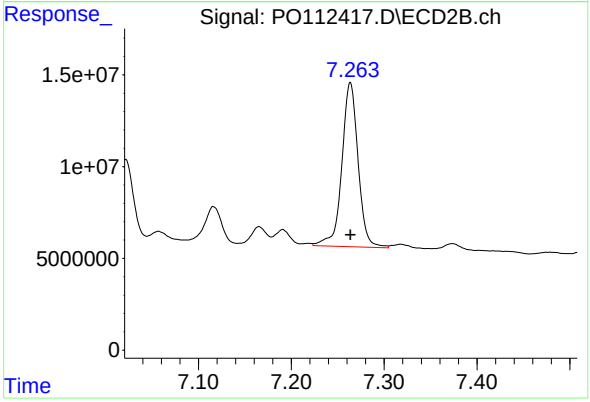
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 50234042
Conc: 258.47 ng/ml



#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 336866700
Conc: 257.58 ng/ml



#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 108703906
Conc: 254.47 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:45
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 13:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:01:00 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...	3.669	3.662	31417194	19597973	3.883	3.906
2)	SA Decachlor...	8.693	8.640	29621580	7457220	4.051	4.220
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	10242412	8280603	38.166	47.316
4)	L1 AR-1016-2	4.774	4.756	16308940	11816564	40.158	45.362
5)	L1 AR-1016-3	4.832	4.931	11721947	6127662	44.796	45.067
6)	L1 AR-1016-4	4.951	4.973	9335010	5123227	44.066	46.120
7)	L1 AR-1016-5	5.207	5.185	8936708	6616061	41.260m	46.488m
31)	L7 AR-1260-1	6.245	6.213	19551344	11452500	44.503	44.442m
32)	L7 AR-1260-2	6.434	6.402	32919190	16247800	47.855	49.311
33)	L7 AR-1260-3	6.801	6.553	23827559	11022704	40.522	43.782m
34)	L7 AR-1260-4	7.060	7.022	18415991	8957569	40.833	46.822
35)	L7 AR-1260-5	7.303	7.265	48222745	17614159	38.916	42.733

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:45
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

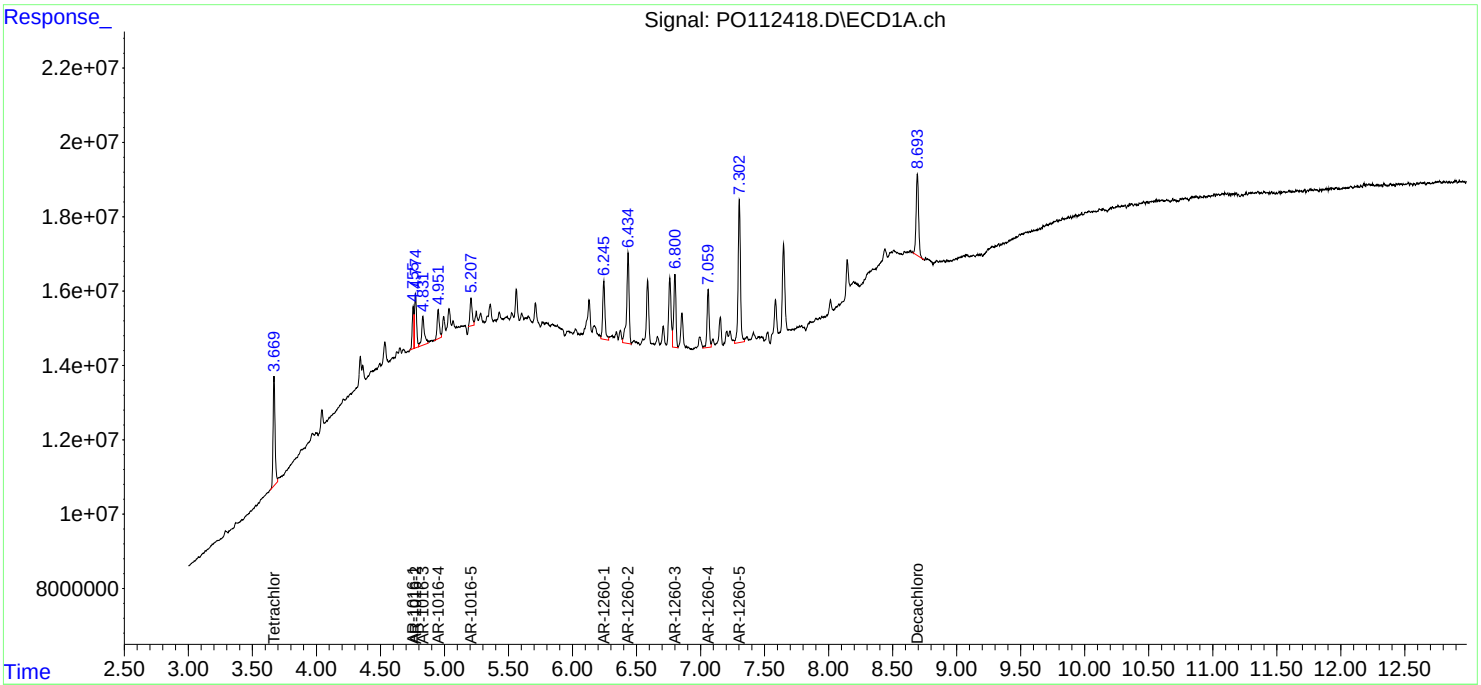
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

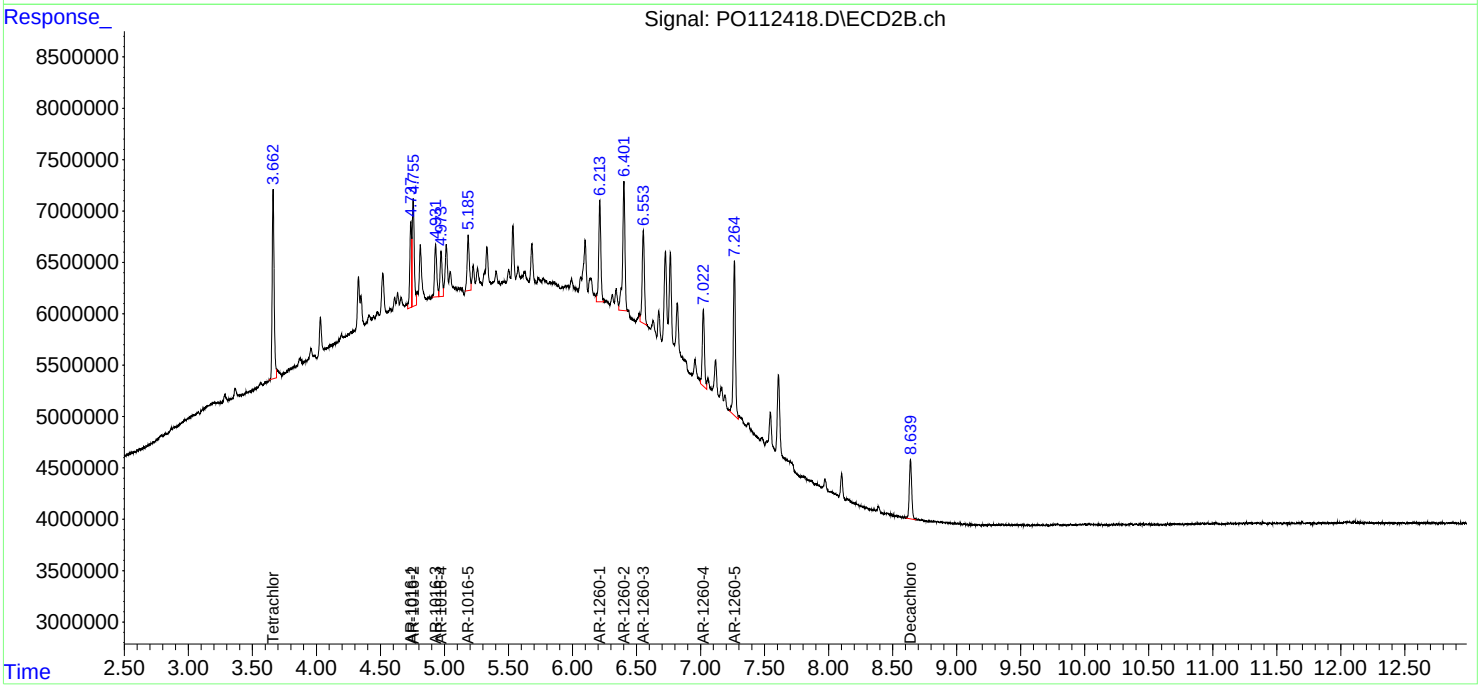
Manual Integrations APPROVED

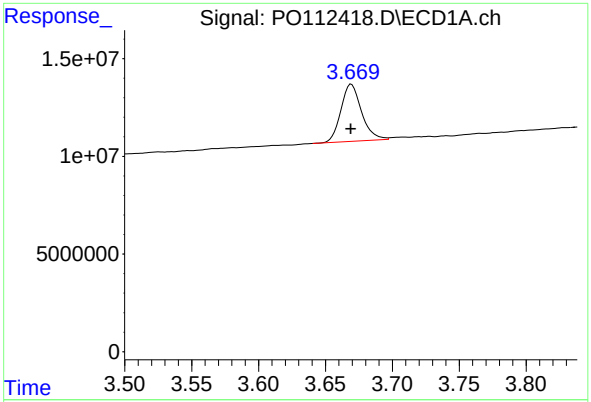
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 13:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:01:00 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







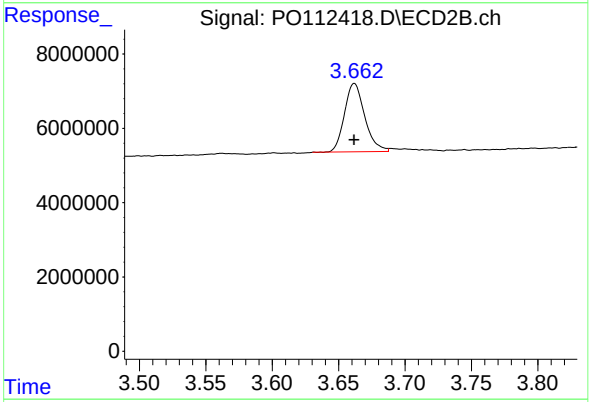
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 31417194
Conc: 3.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

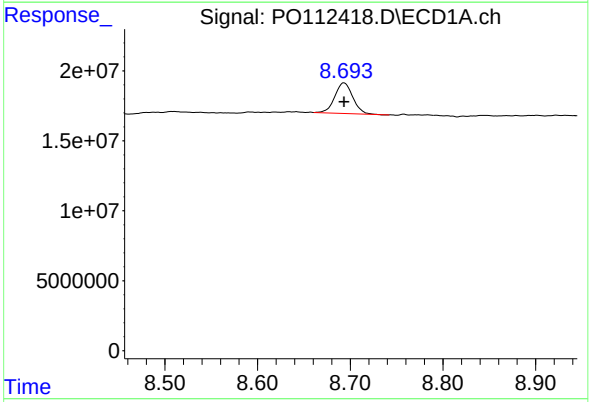
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



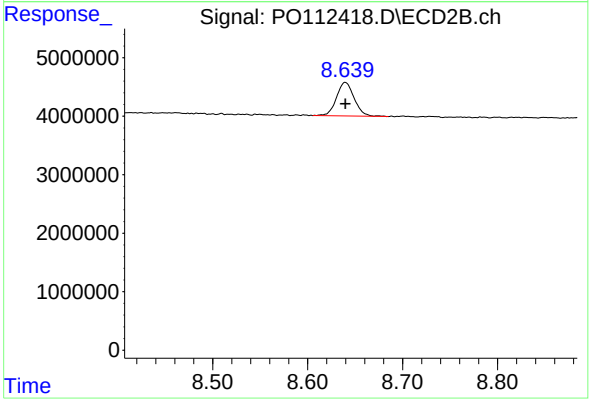
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 19597973
Conc: 3.91 ng/ml



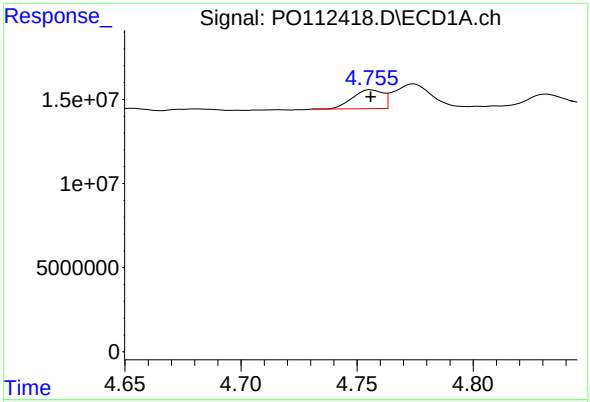
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 29621580
Conc: 4.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7457220
Conc: 4.22 ng/ml



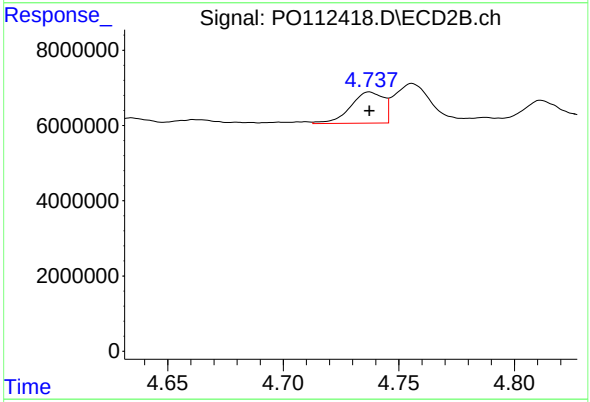
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10242412
Conc: 38.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

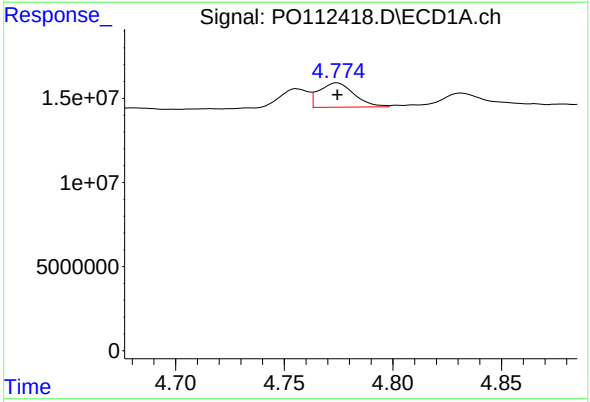
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



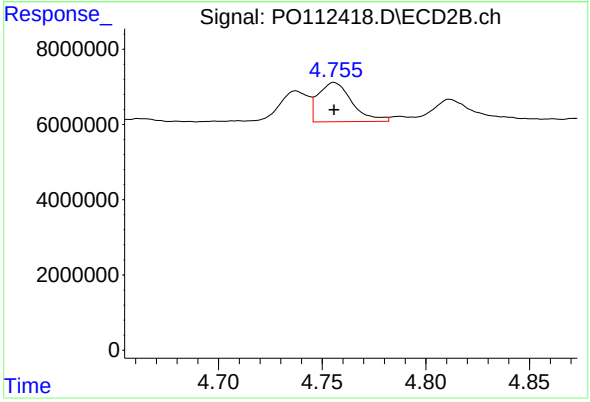
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 8280603
Conc: 47.32 ng/ml



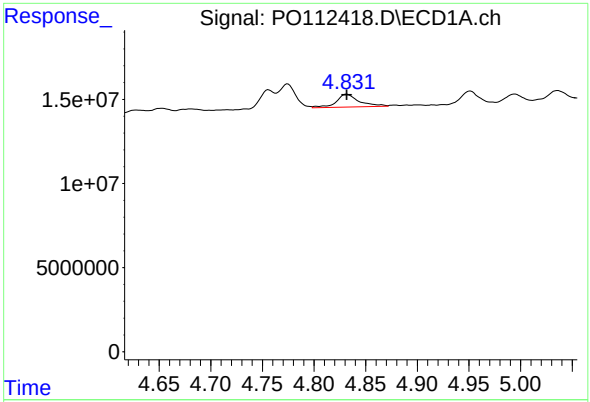
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 16308940
Conc: 40.16 ng/ml



#4 AR-1016-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 11816564
Conc: 45.36 ng/ml



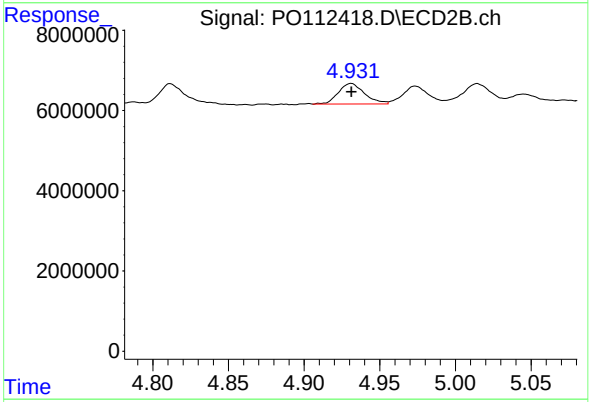
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 11721947
Conc: 44.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

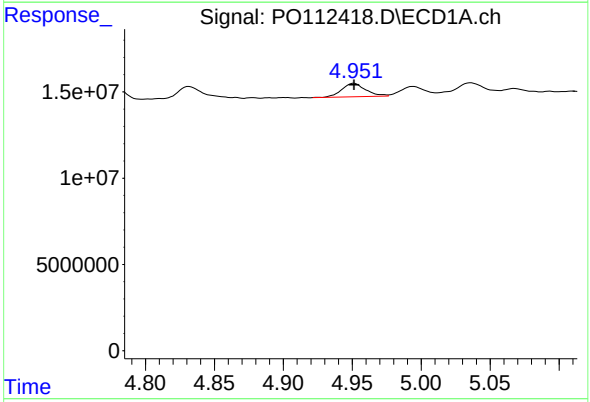
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



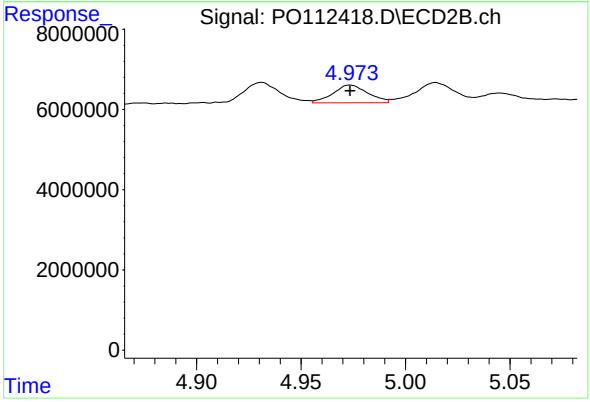
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 6127662
Conc: 45.07 ng/ml



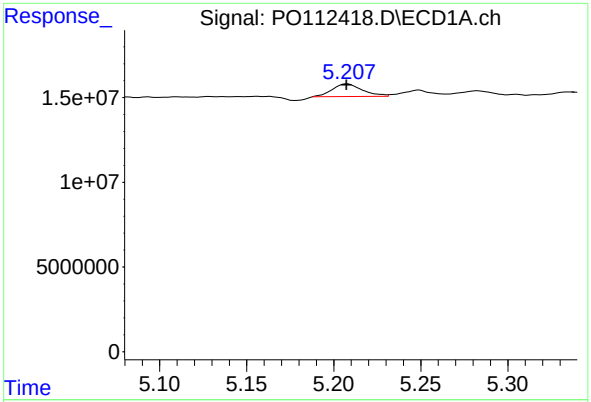
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 9335010
Conc: 44.07 ng/ml



#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 5123227
Conc: 46.12 ng/ml



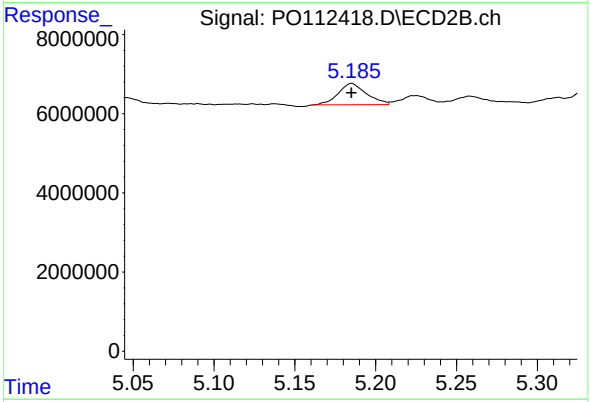
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 8936708
Conc: 41.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

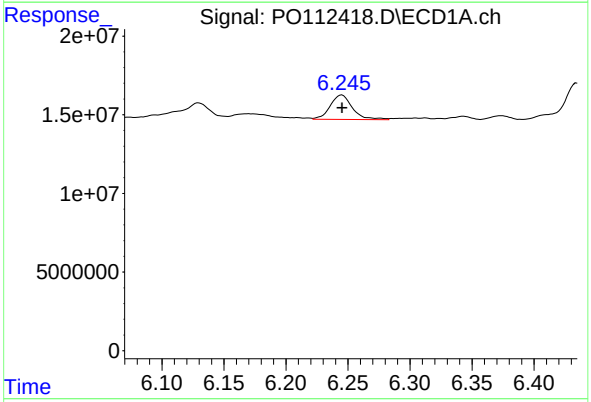
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



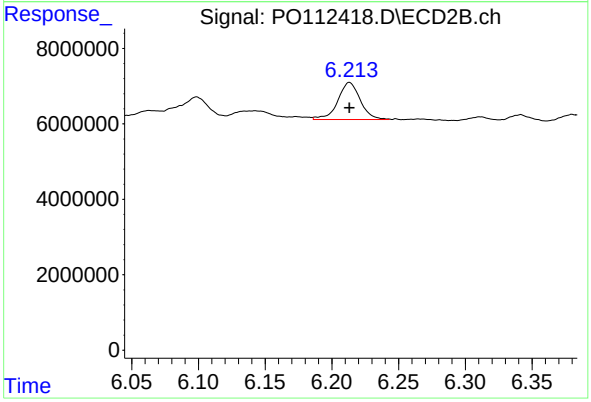
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 6616061
Conc: 46.49 ng/ml m



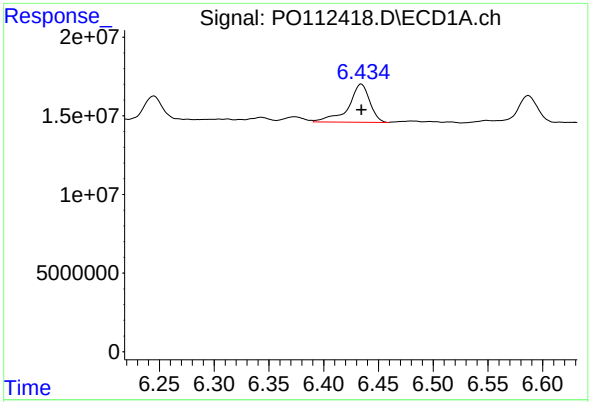
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 19551344
Conc: 44.50 ng/ml



#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 11452500
Conc: 44.44 ng/ml m



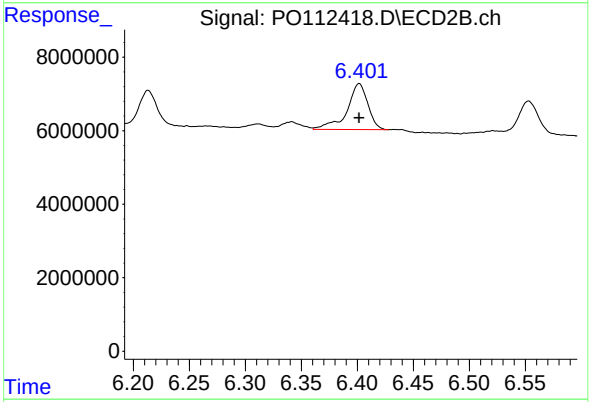
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 32919190
Conc: 47.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

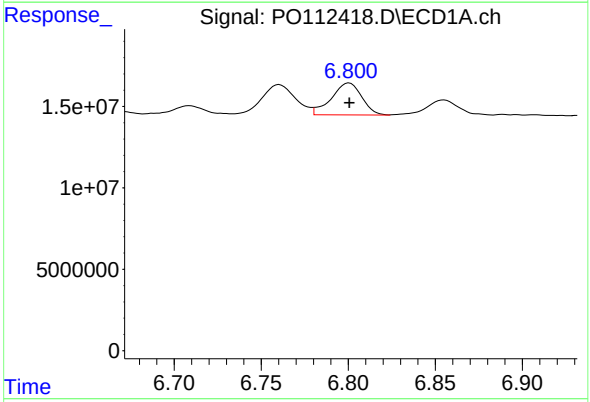
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



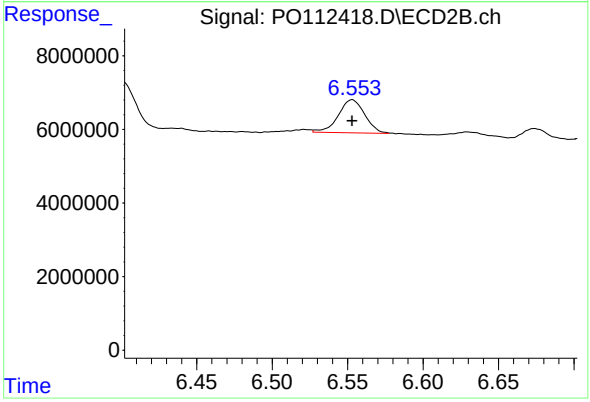
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 16247800
Conc: 49.31 ng/ml



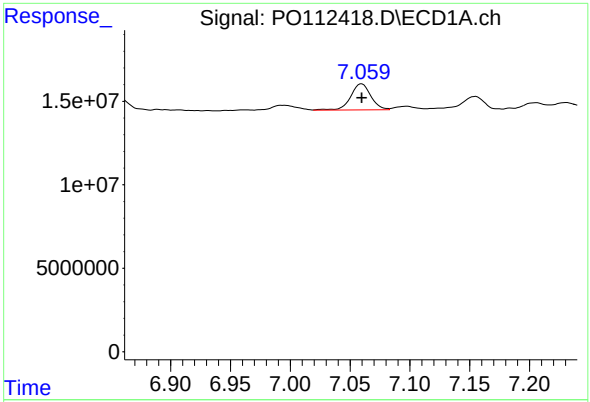
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 23827559
Conc: 40.52 ng/ml



#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 11022704
Conc: 43.78 ng/ml m



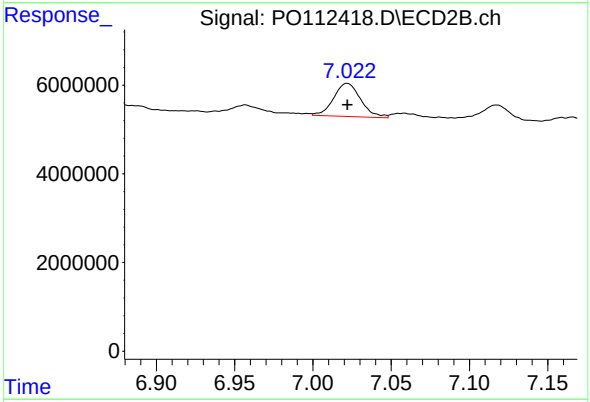
#34 AR-1260-4

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 18415991
Conc: 40.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

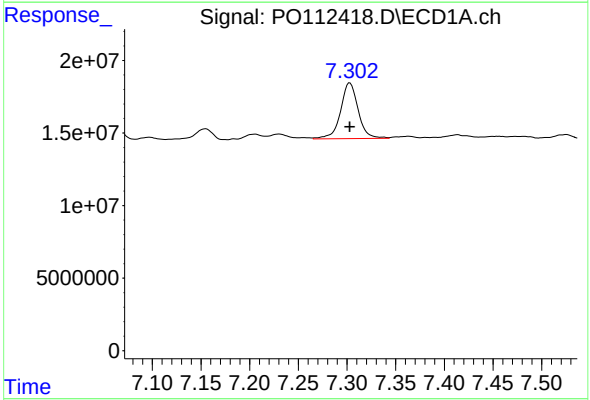
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



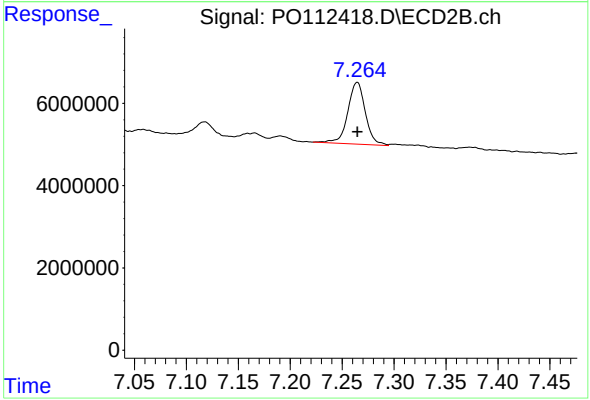
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 8957569
Conc: 46.82 ng/ml



#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 48222745
Conc: 38.92 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 17614159
Conc: 42.73 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:03
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: Jul 23 13:39:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:39:21 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...	3.670	3.663	423.2E6	251.3E6	50.000	50.000
2)	SA Decachlor...	8.694	8.641	374.2E6	89450396	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.882	3.872	48329823	33632938	500.000	500.000
9)	L2 AR-1221-2	3.967	3.958	35930990	25363994	500.000	500.000
10)	L2 AR-1221-3	4.044	4.032	118.9E6	79264688	500.000	500.000

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

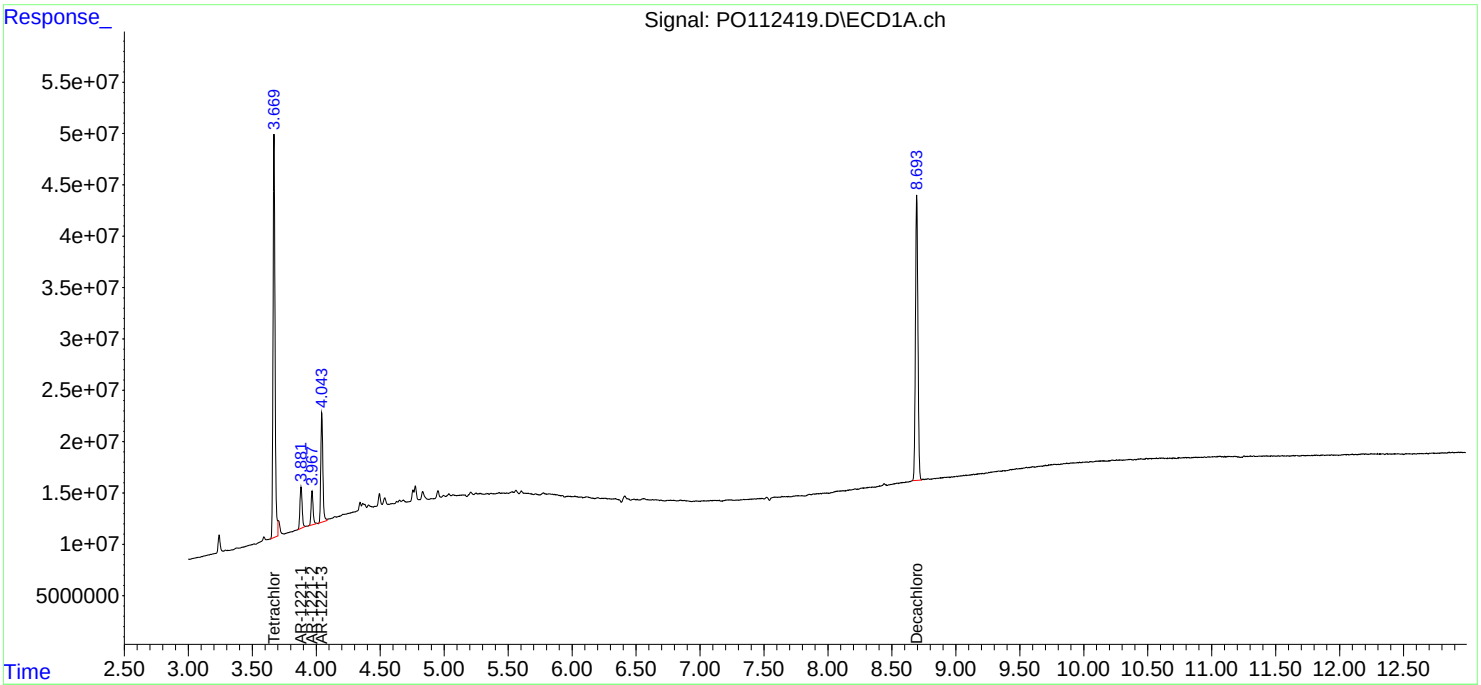
ICAL Form

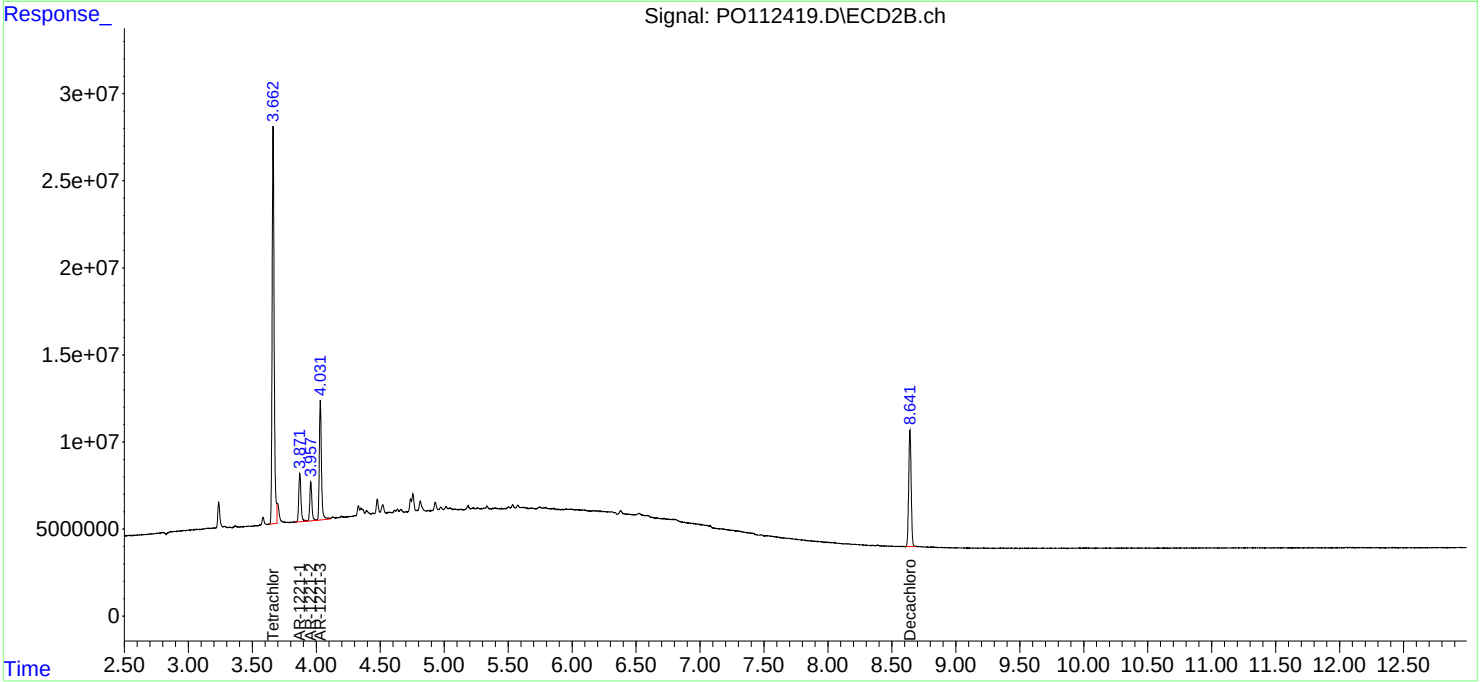
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:03
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

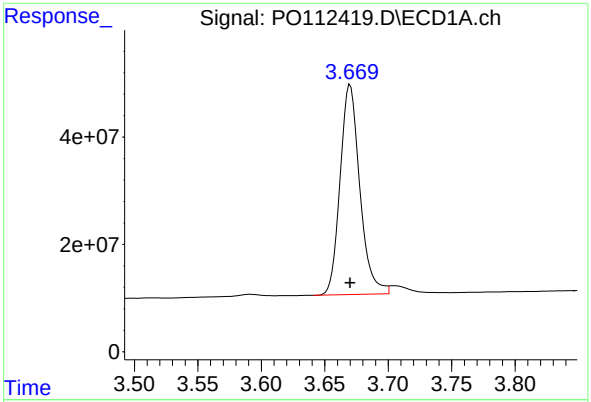
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 13:39:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:39:21 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



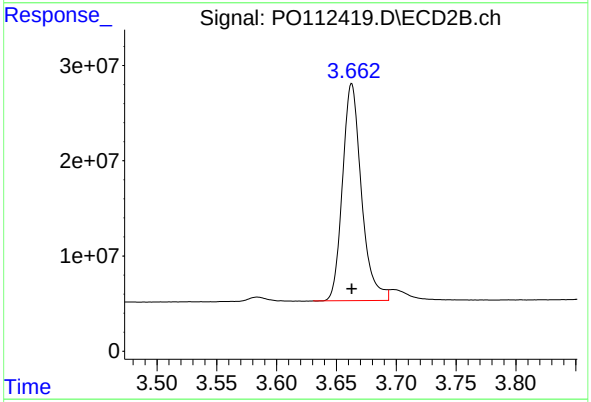




#1 Tetrachloro-m-xylene

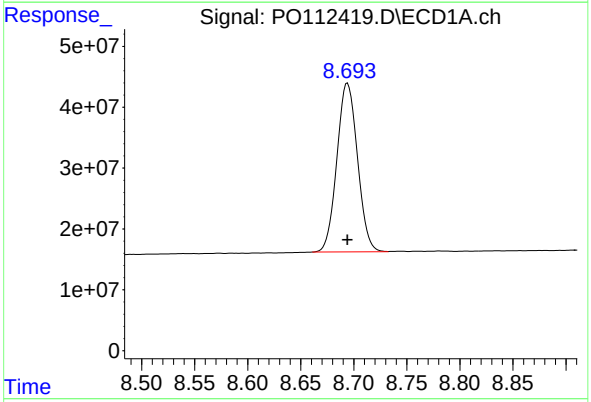
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 423227865
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



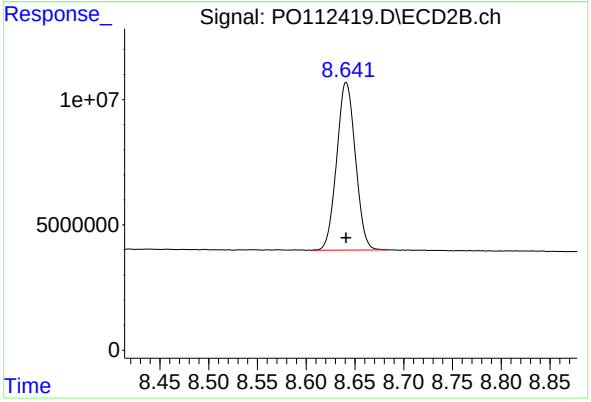
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 251317595
Conc: 50.00 ng/ml



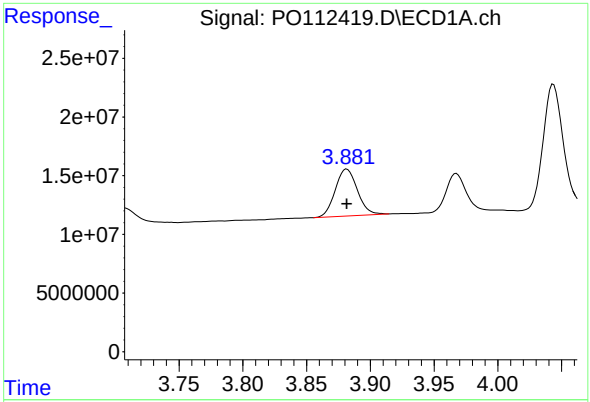
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 374163837
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

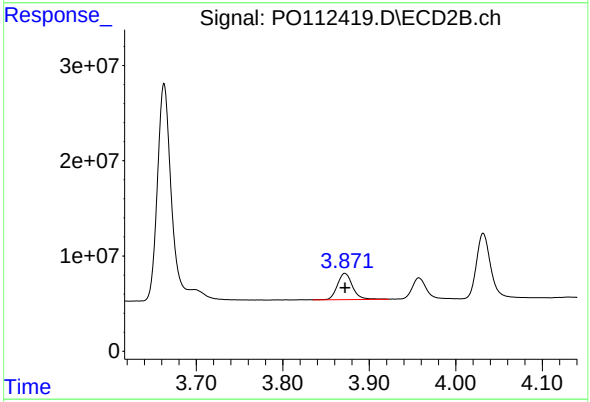
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 89450396
Conc: 50.00 ng/ml



#8 AR-1221-1

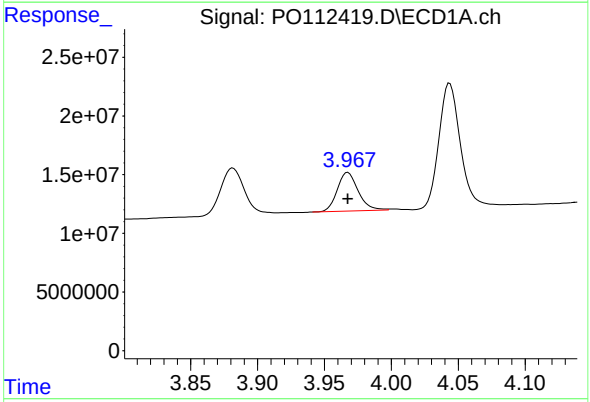
R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 48329823
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



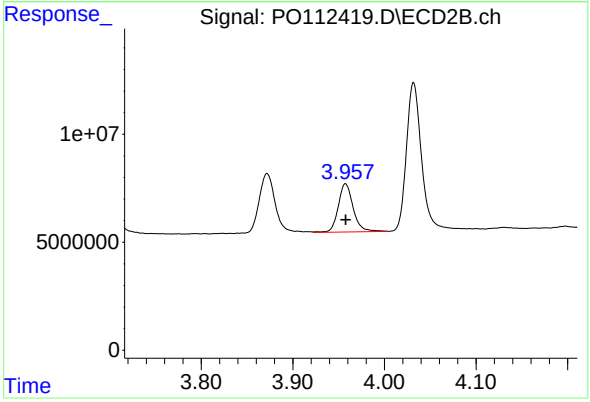
#8 AR-1221-1

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 33632938
Conc: 500.00 ng/ml



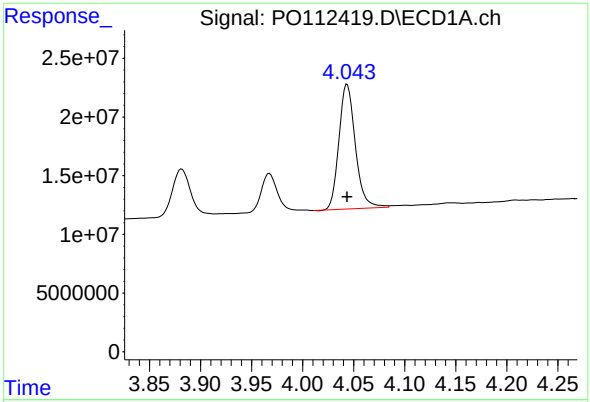
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 35930990
Conc: 500.00 ng/ml



#9 AR-1221-2

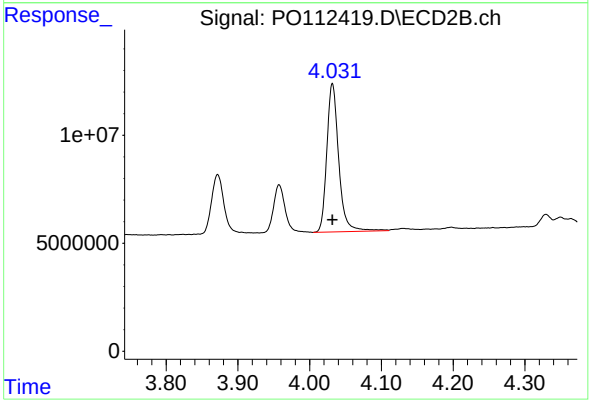
R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 25363994
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 118855573
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 79264688
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:22
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: Jul 23 14:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:21:01 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...	3.670	3.662	456.9E6	277.1E6	50.000	50.000
2)	SA Decachlor...	8.694	8.641	397.2E6	95040741	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.043	4.031	93489328	63274969	500.000	500.000
12)	L3 AR-1232-2	4.535	4.756	53812362	65577392	500.000	500.000
13)	L3 AR-1232-3	4.775	4.931	103.4E6	33598402	500.000	500.000
14)	L3 AR-1232-4	4.951	5.015	52370149	29914546	500.000	500.000
15)	L3 AR-1232-5	4.994	5.185	33940444	32601518	500.000	500.000

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

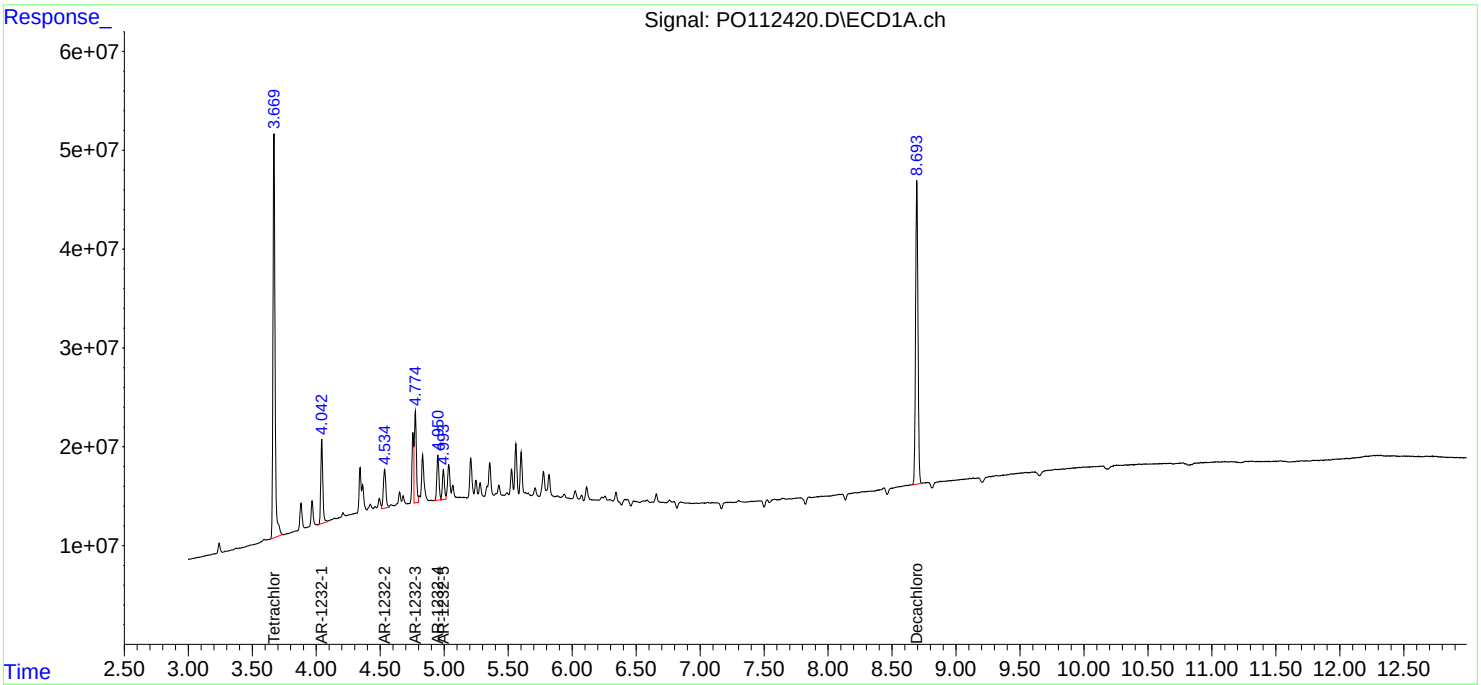
ICAL Form

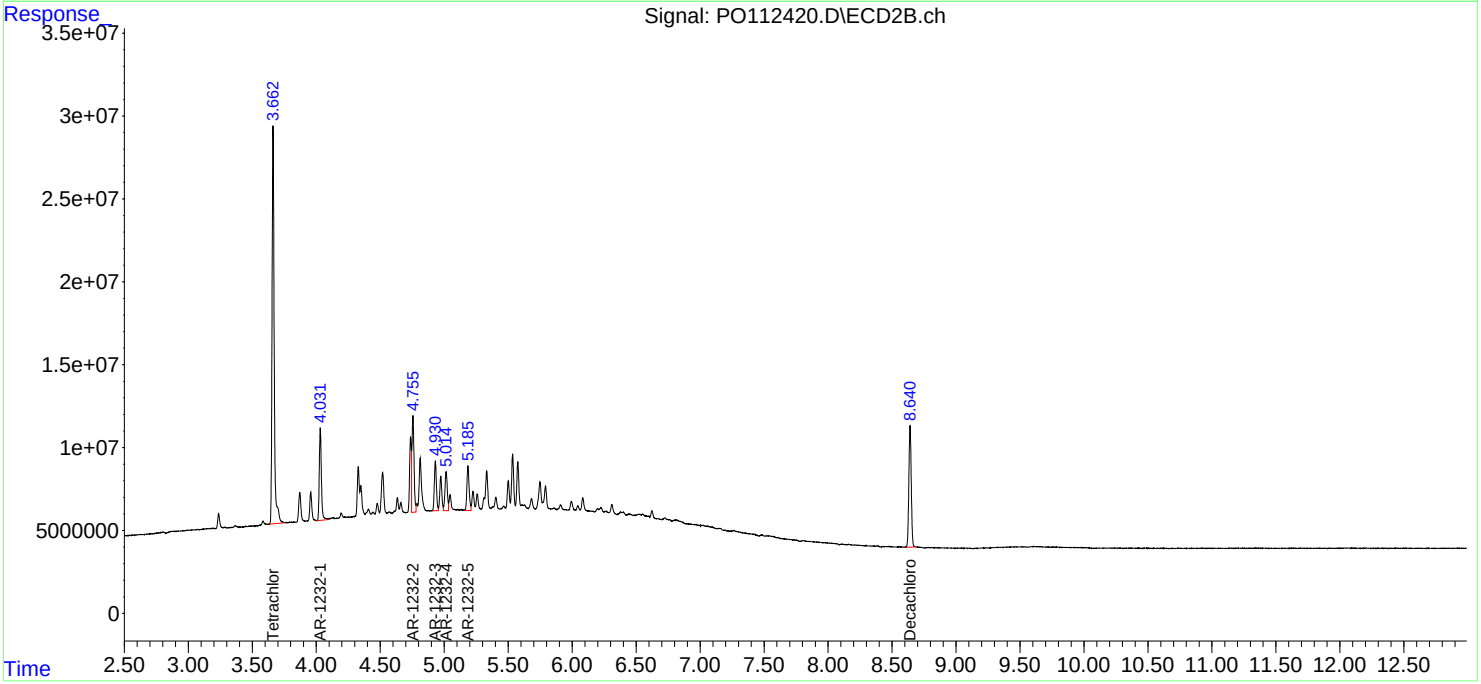
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:22
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

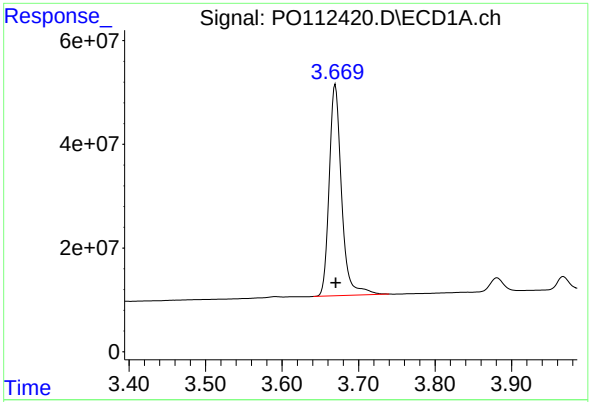
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:21:01 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



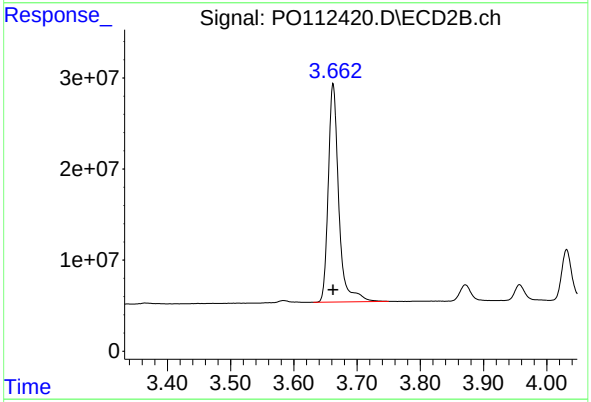




#1 Tetrachloro-m-xylene

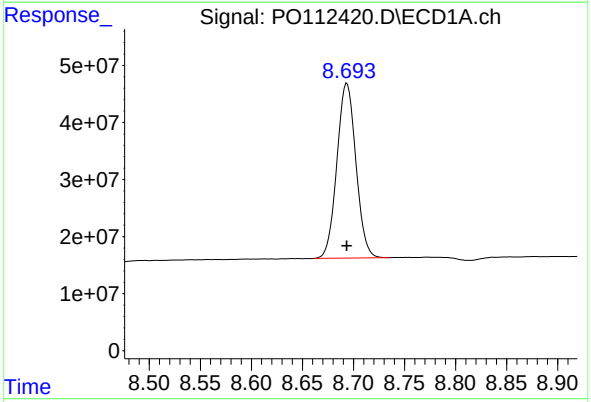
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 456891808
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



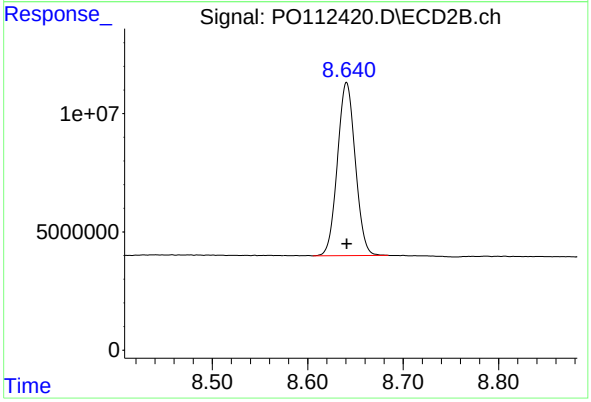
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 277117760
Conc: 50.00 ng/ml



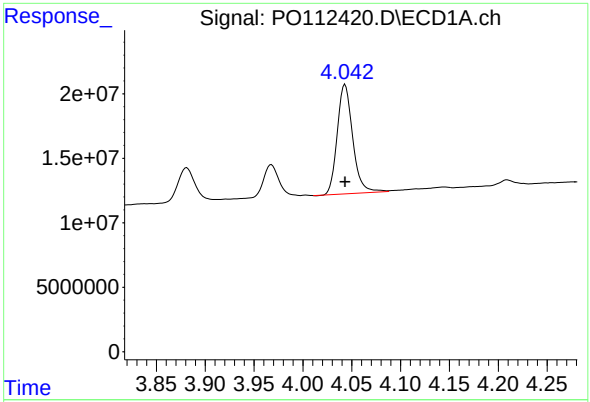
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 397152757
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

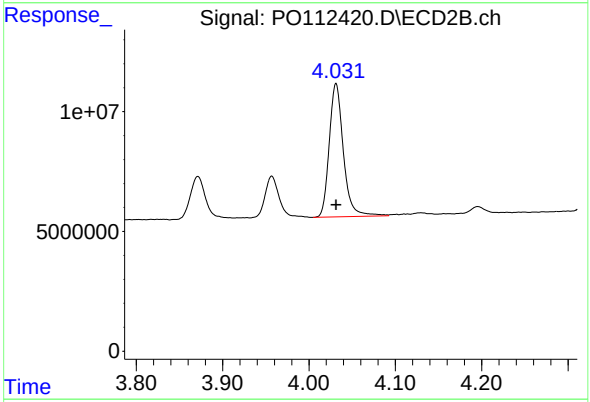
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 95040741
Conc: 50.00 ng/ml



#11 AR-1232-1

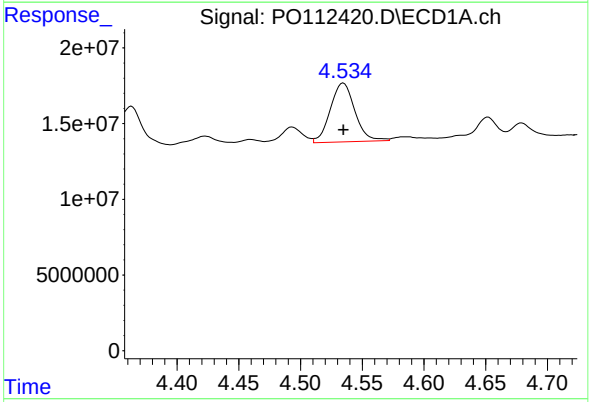
R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 93489328
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



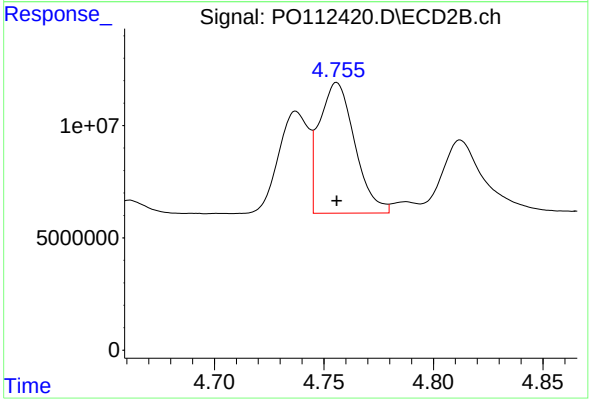
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 63274969
Conc: 500.00 ng/ml



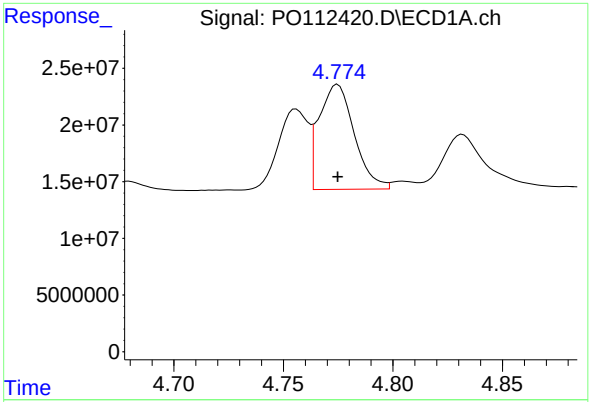
#12 AR-1232-2

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 53812362
Conc: 500.00 ng/ml



#12 AR-1232-2

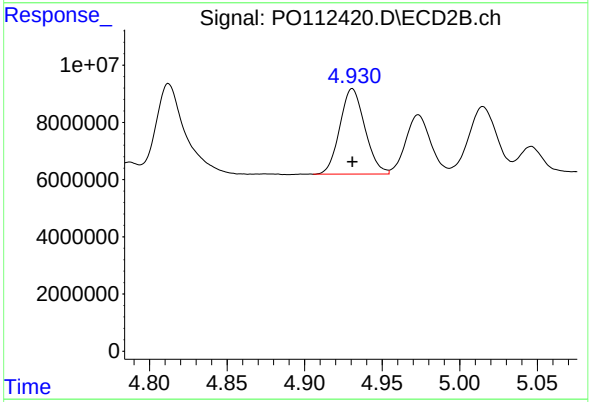
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 65577392
Conc: 500.00 ng/ml



#13 AR-1232-3

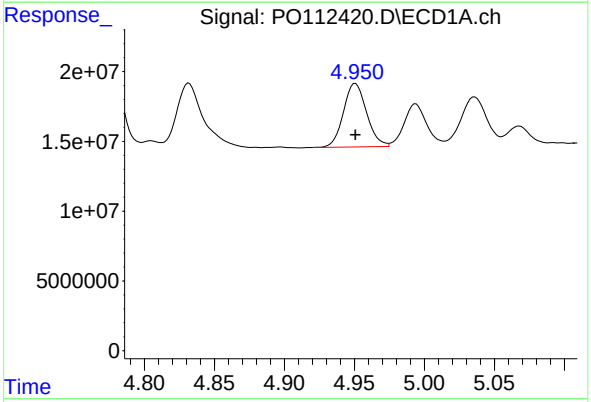
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 103399628
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



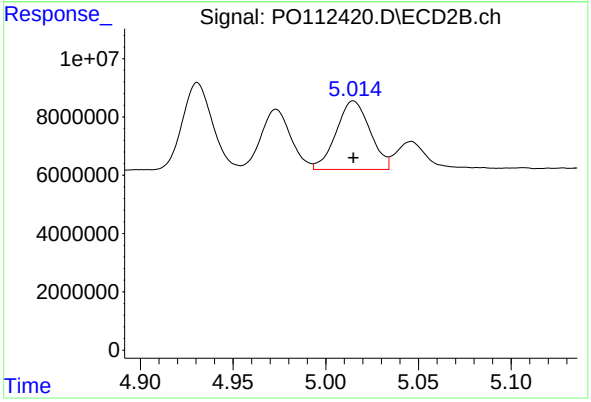
#13 AR-1232-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 33598402
Conc: 500.00 ng/ml



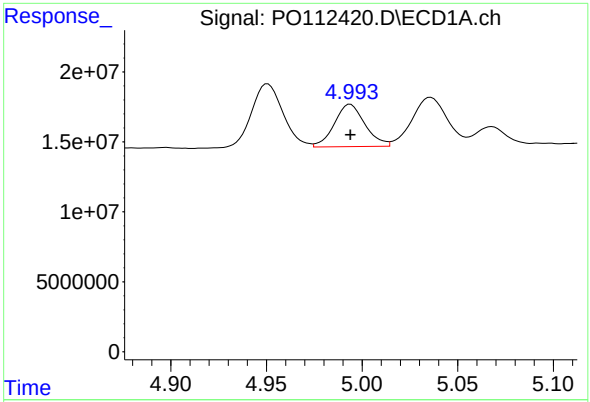
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 52370149
Conc: 500.00 ng/ml



#14 AR-1232-4

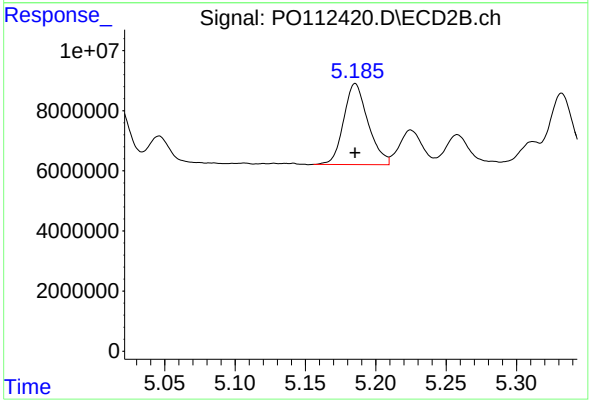
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 29914546
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 33940444
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 32601518
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:40
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: Jul 23 14:43:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:40:09 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...	3.670	3.663	912.6E6	548.3E6	99.488	99.183
2)	SA Decachlor...	8.694	8.641	800.1E6	183.2E6	99.457	97.537
	Target Compounds						
16)	L4 AR-1242-1	4.755	4.738	256.3E6	153.6E6	991.564	972.911
17)	L4 AR-1242-2	4.775	4.756	381.1E6	230.6E6	986.515	976.155
18)	L4 AR-1242-3	4.832	4.931	241.8E6	121.0E6	986.644	977.243
19)	L4 AR-1242-4	4.951	5.015	195.7E6	116.9E6	985.280	969.692
20)	L4 AR-1242-5	5.602	5.534	215.7E6	154.5E6	969.592	960.715

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

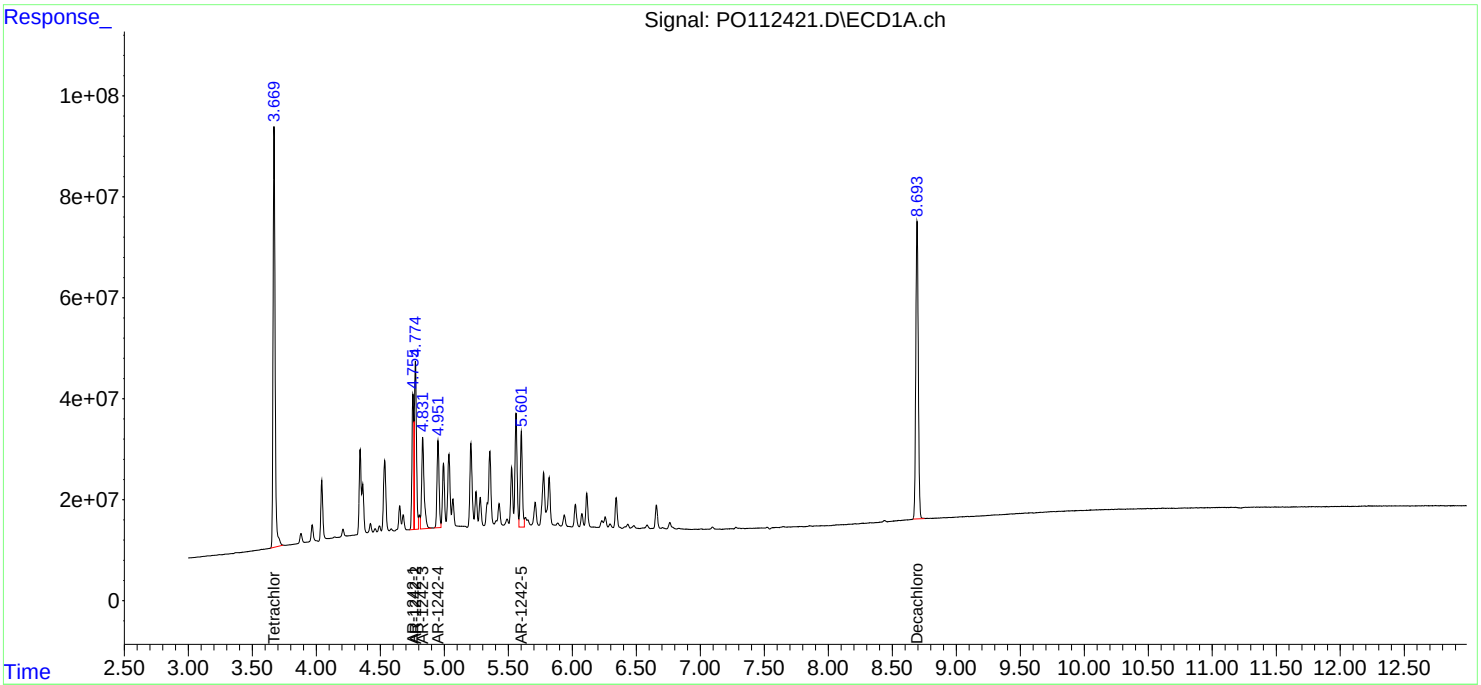
ICAL Form

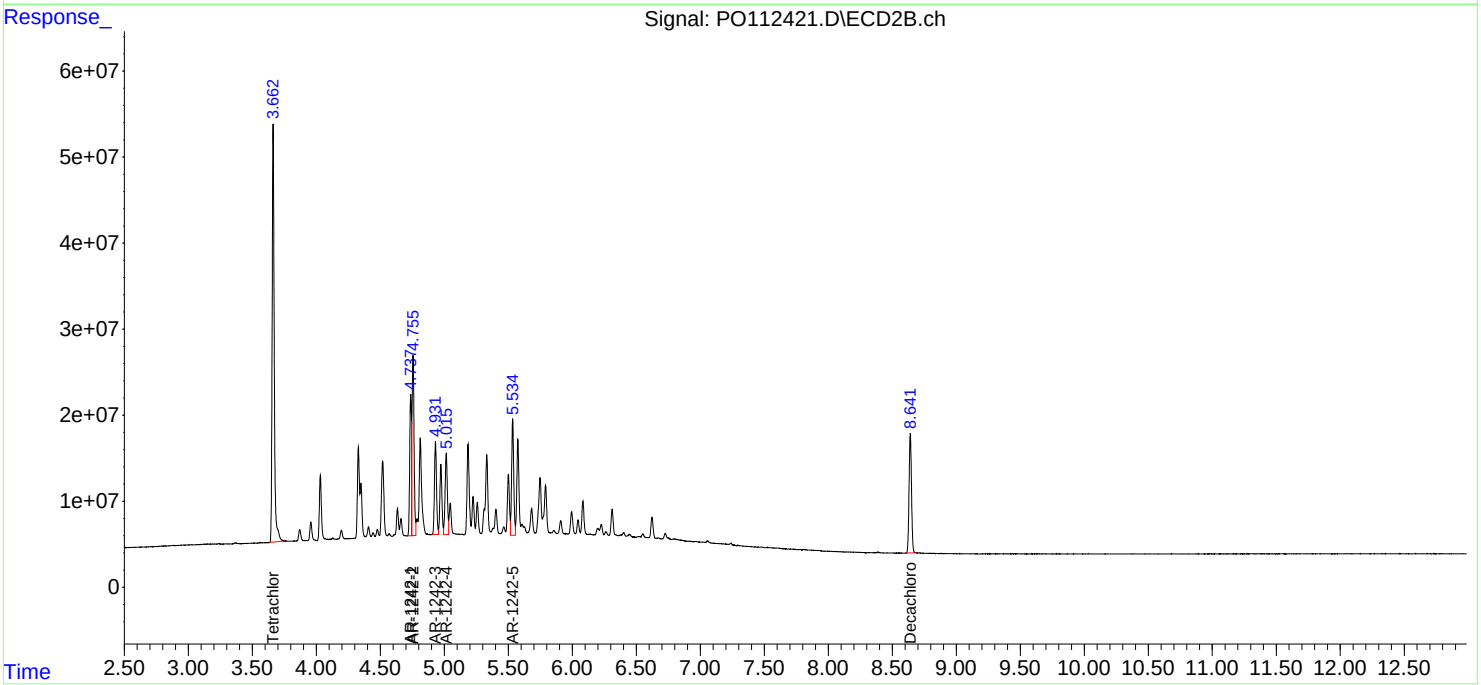
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:40
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

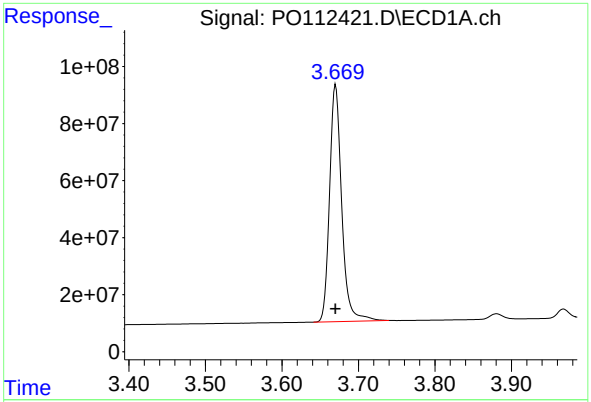
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:43:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:40:09 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



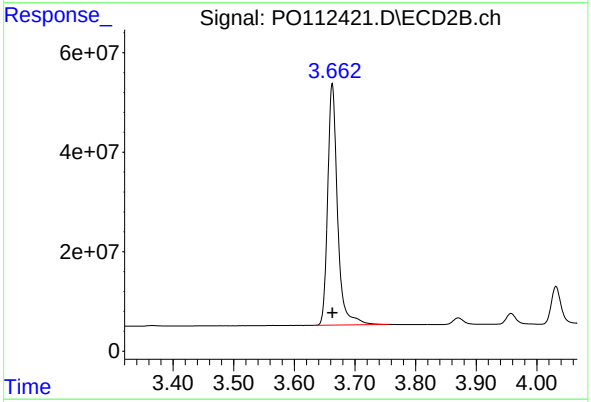




#1 Tetrachloro-m-xylene

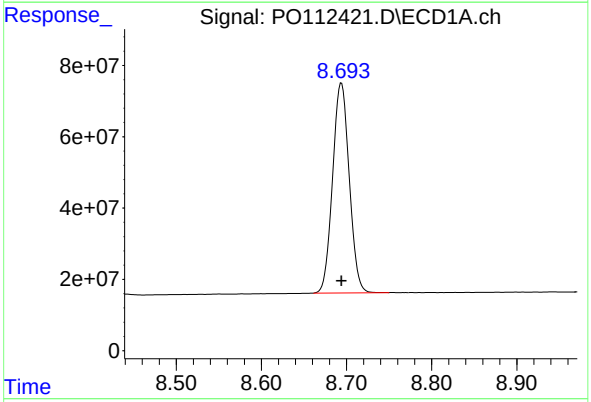
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 912565223
Conc: 99.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



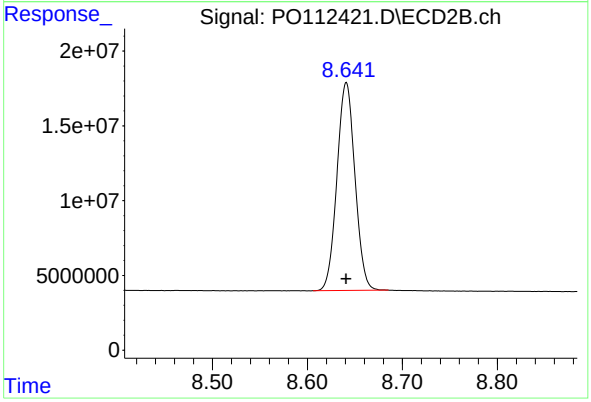
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 548323877
Conc: 99.18 ng/ml



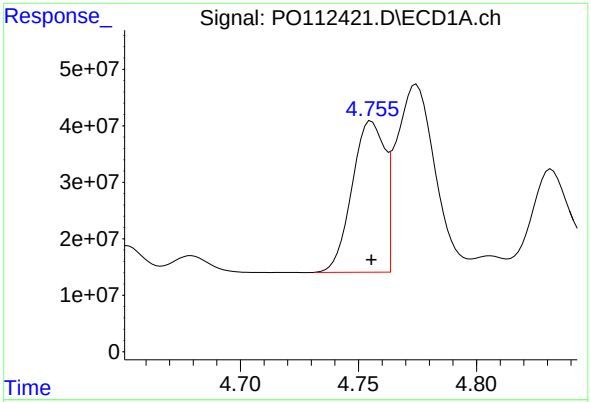
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 800064533
Conc: 99.46 ng/ml



#2 Decachlorobiphenyl

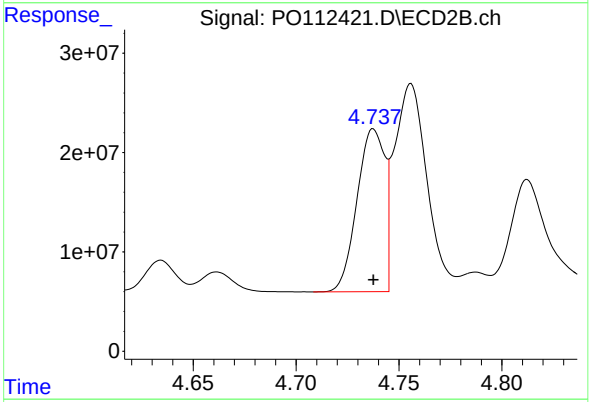
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 183160404
Conc: 97.54 ng/ml



#16 AR-1242-1

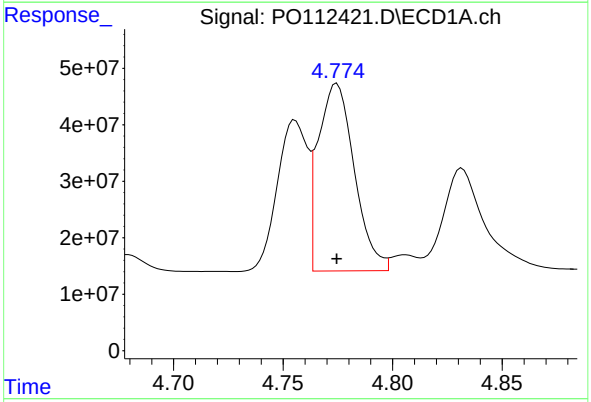
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 256299409
Conc: 991.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



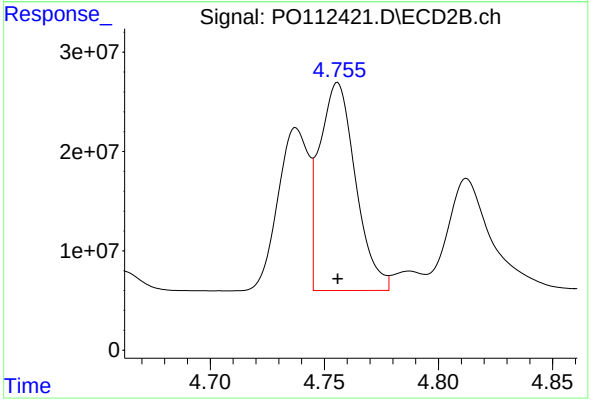
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 153645977
Conc: 972.91 ng/ml



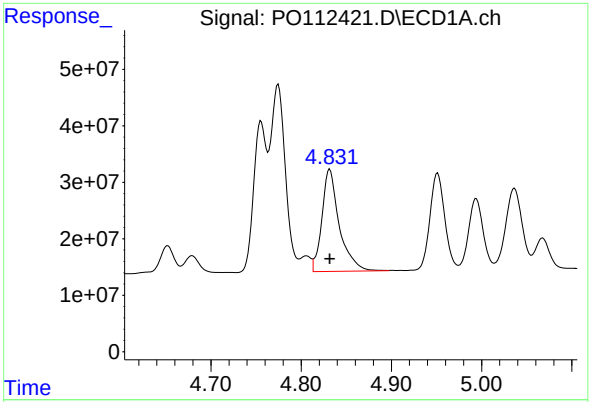
#17 AR-1242-2

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 381137122
Conc: 986.52 ng/ml



#17 AR-1242-2

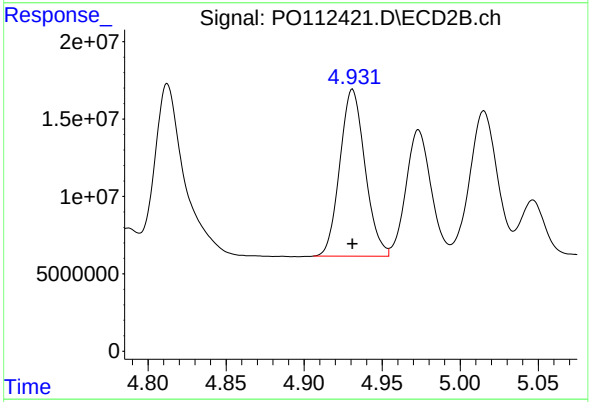
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 230553136
Conc: 976.16 ng/ml



#18 AR-1242-3

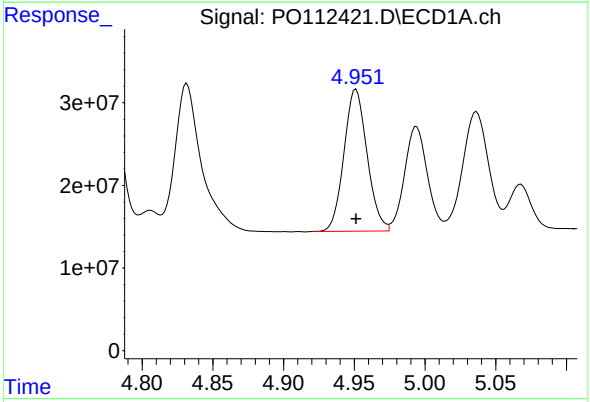
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 241769617
Conc: 986.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



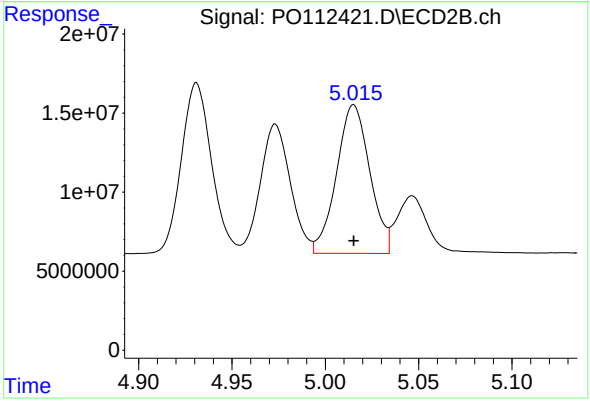
#18 AR-1242-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 120997871
Conc: 977.24 ng/ml



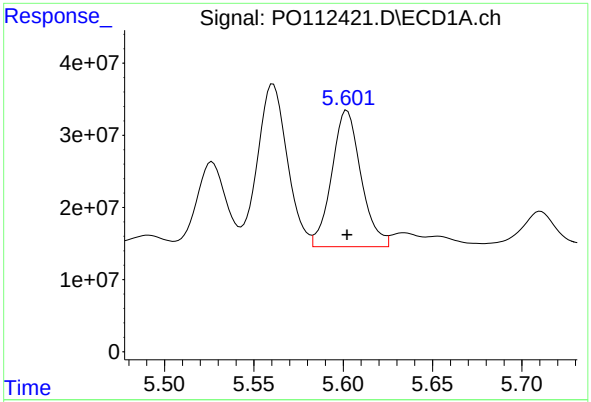
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 195717021
Conc: 985.28 ng/ml



#19 AR-1242-4

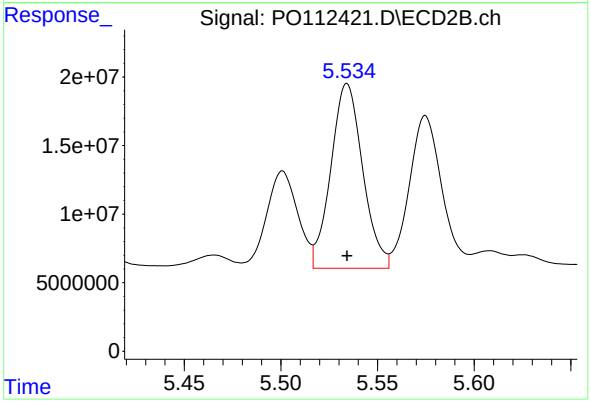
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 116921071
Conc: 969.69 ng/ml



#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 215656431
Conc: 969.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 154482444
Conc: 960.72 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:59
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: Jul 23 14:46:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:40:09 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...	3.670	3.662	689.6E6	415.8E6	75.123	75.136
2)	SA Decachlor...	8.694	8.641	602.8E6	140.4E6	74.961	74.840
	Target Compounds						
16)	L4 AR-1242-1	4.756	4.738	194.7E6	118.7E6	752.104	751.134
17)	L4 AR-1242-2	4.774	4.756	290.3E6	177.2E6	750.959	750.102
18)	L4 AR-1242-3	4.831	4.931	184.9E6	93444753	752.920	753.133
19)	L4 AR-1242-4	4.951	5.015	148.8E6	90566785	749.303	750.747
20)	L4 AR-1242-5	5.602	5.534	165.1E6	120.7E6	744.936	750.335

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

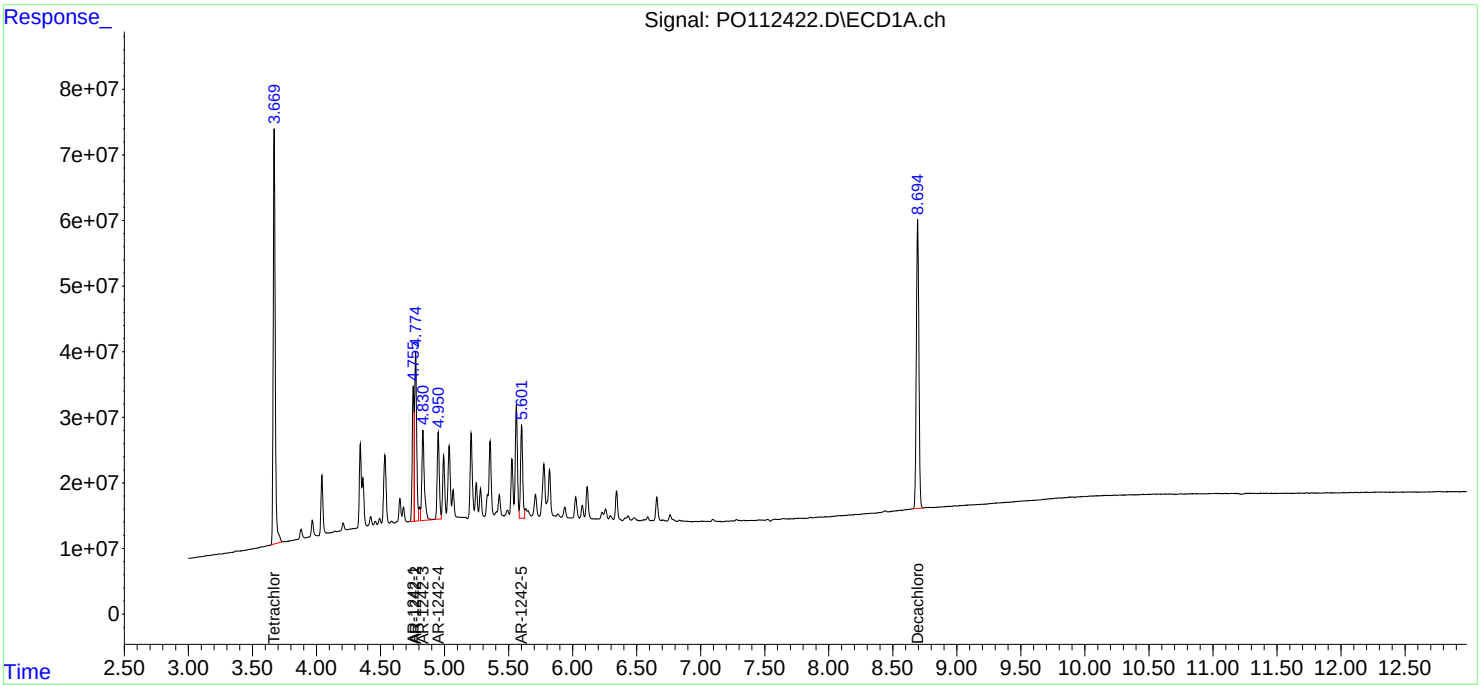
ICAL Form

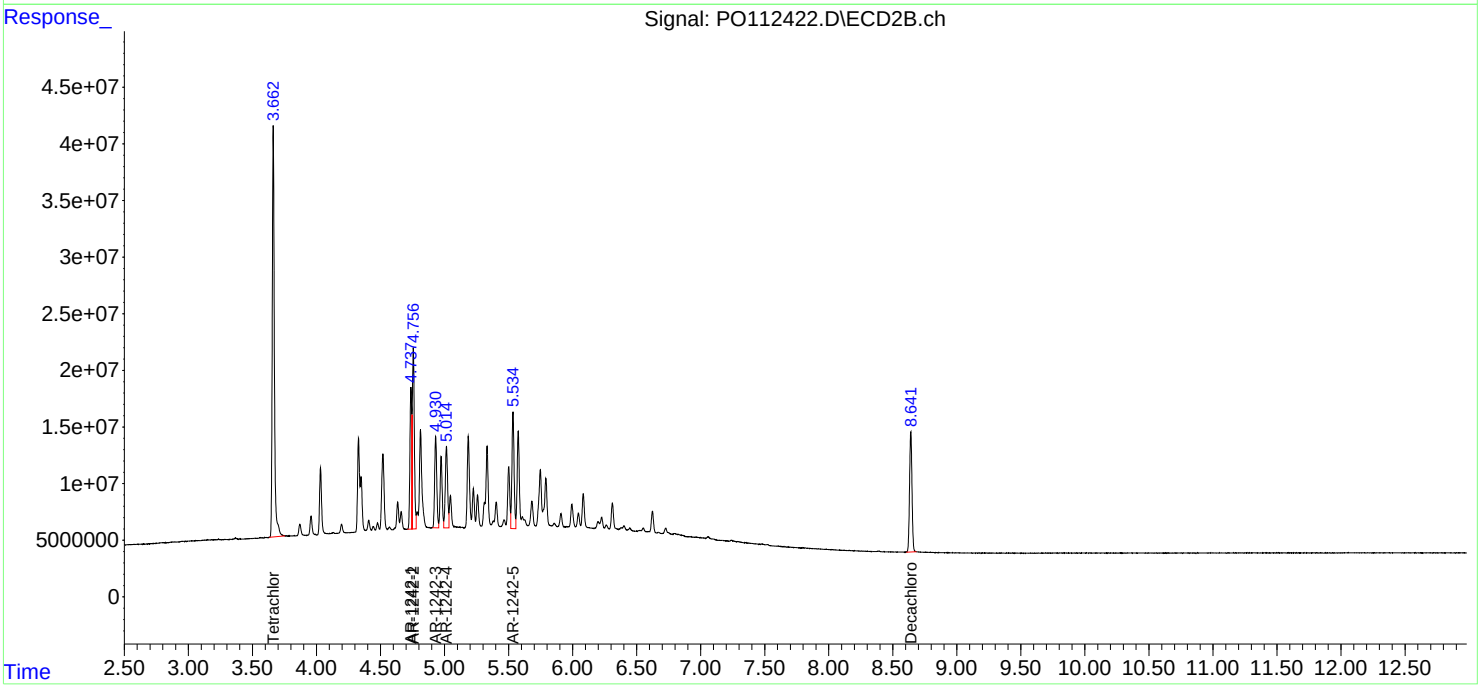
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:59
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

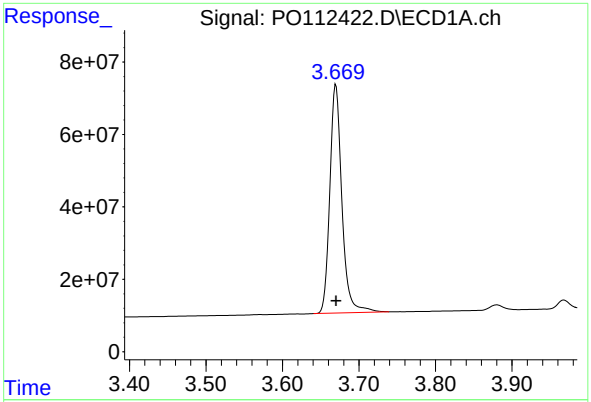
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:46:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:40:09 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



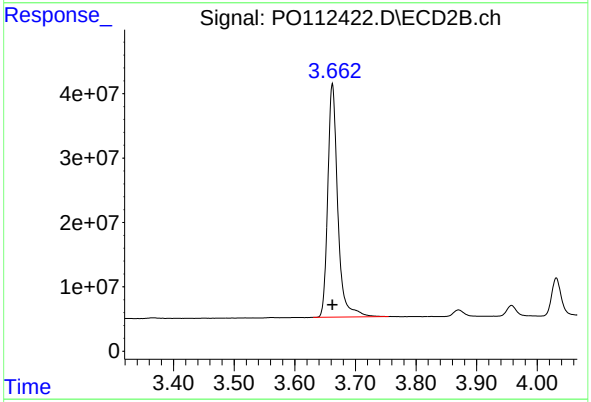




#1 Tetrachloro-m-xylene

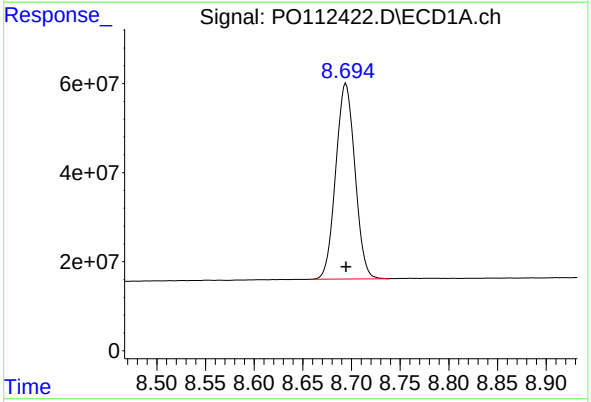
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 689642409
Conc: 75.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



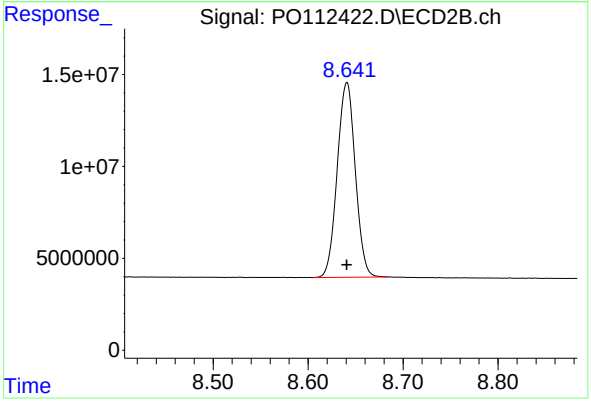
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 415759444
Conc: 75.14 ng/ml



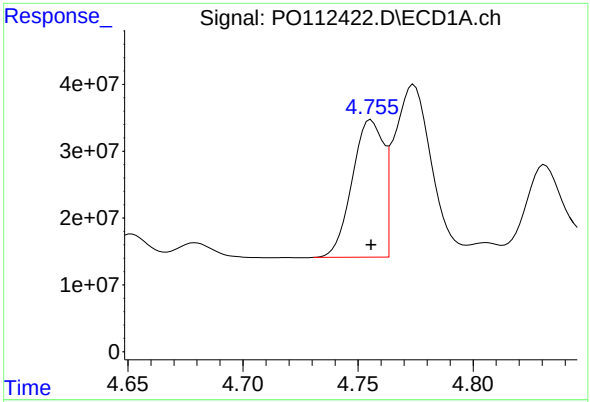
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 602849206
Conc: 74.96 ng/ml



#2 Decachlorobiphenyl

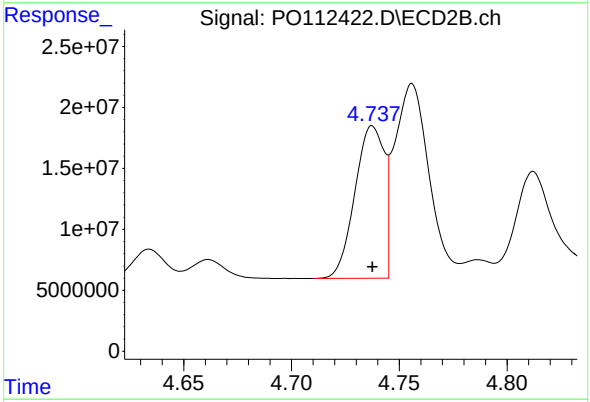
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 140388070
Conc: 74.84 ng/ml



#16 AR-1242-1

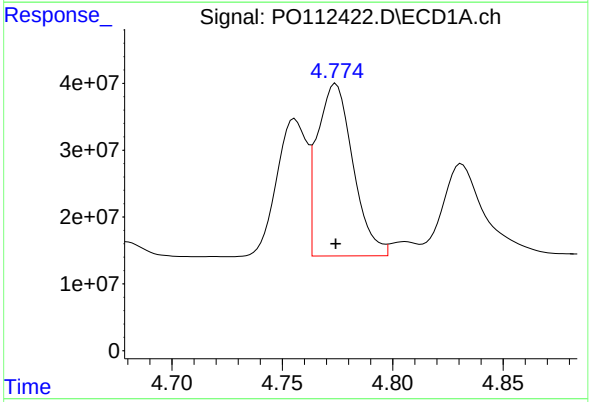
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 194676689
Conc: 752.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



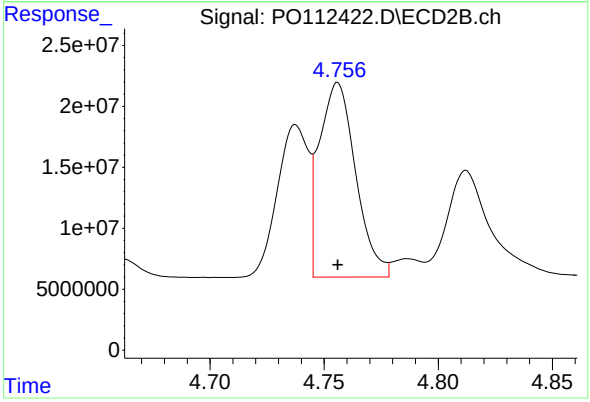
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 118711810
Conc: 751.13 ng/ml



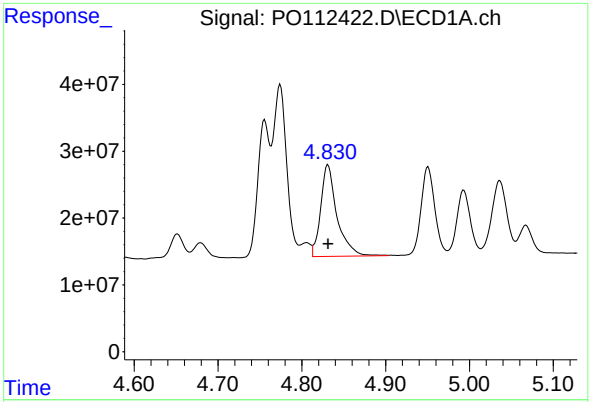
#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 290316602
Conc: 750.96 ng/ml



#17 AR-1242-2

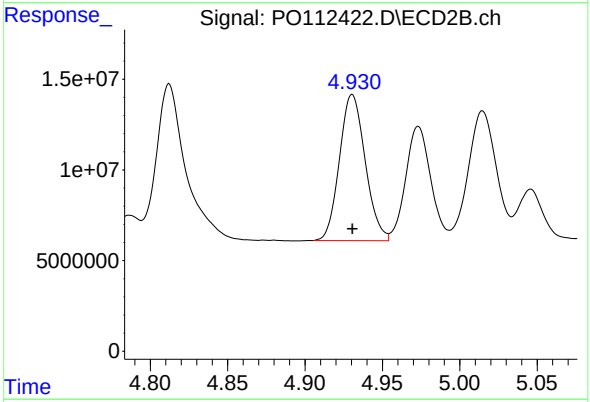
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 177174842
Conc: 750.10 ng/ml



#18 AR-1242-3

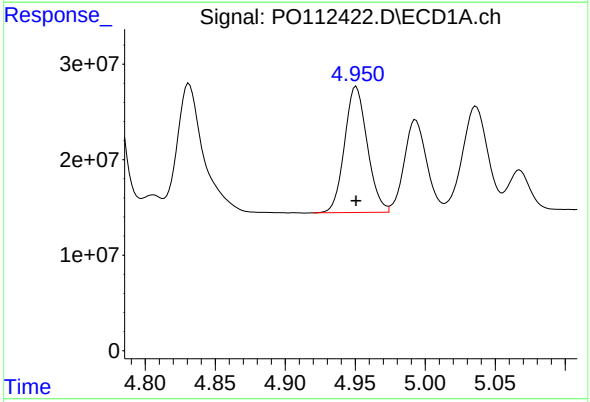
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 184857008
Conc: 752.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



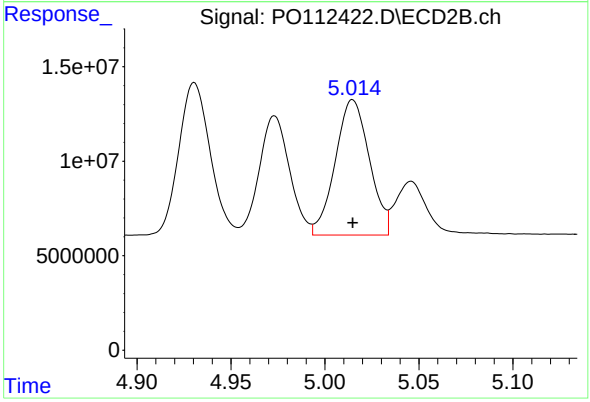
#18 AR-1242-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 93444753
Conc: 753.13 ng/ml



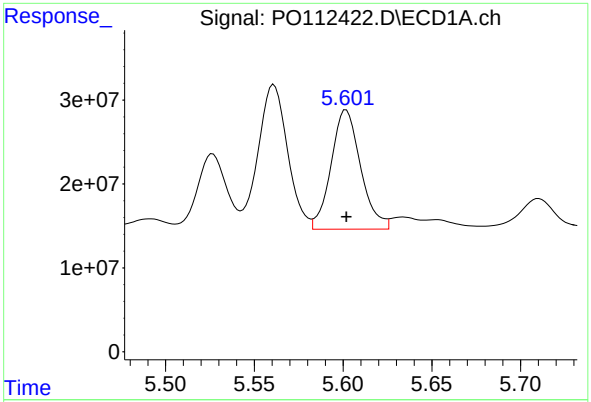
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 148772992
Conc: 749.30 ng/ml



#19 AR-1242-4

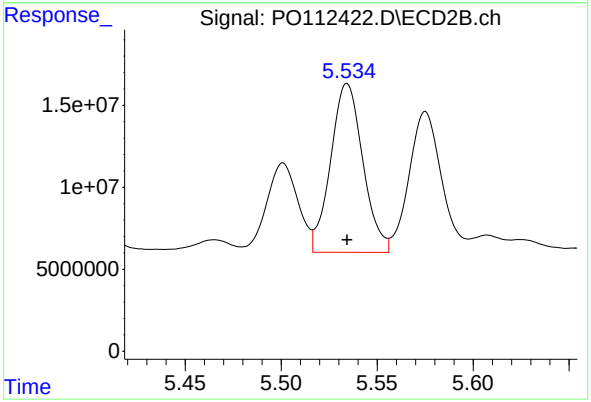
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 90566785
Conc: 750.75 ng/ml



#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 165130835
Conc: 744.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 120680300
Conc: 750.33 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:17
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: Jul 23 14:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:40:09 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...	3.669	3.662	461.0E6	278.7E6	50.000	50.000
2)	SA Decachlor...	8.693	8.641	404.4E6	96205236	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.755	4.737	130.3E6	81100988	500.000	500.000
17)	L4 AR-1242-2	4.774	4.755	195.8E6	120.9E6	500.000	500.000
18)	L4 AR-1242-3	4.831	4.931	124.2E6	63316612	500.000	500.000
19)	L4 AR-1242-4	4.951	5.015	100.8E6	62114890	500.000	500.000
20)	L4 AR-1242-5	5.602	5.534	114.6E6	83558195	500.000	500.000

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

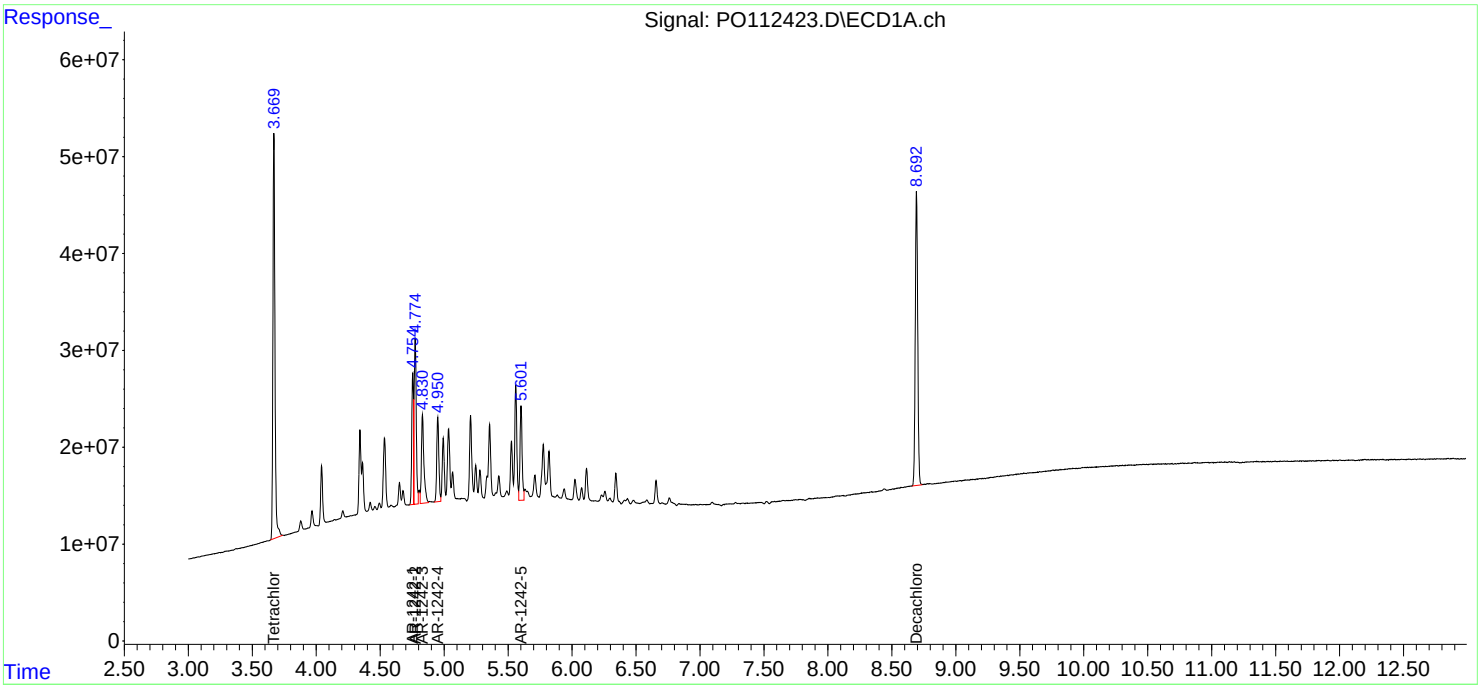
ICAL Form

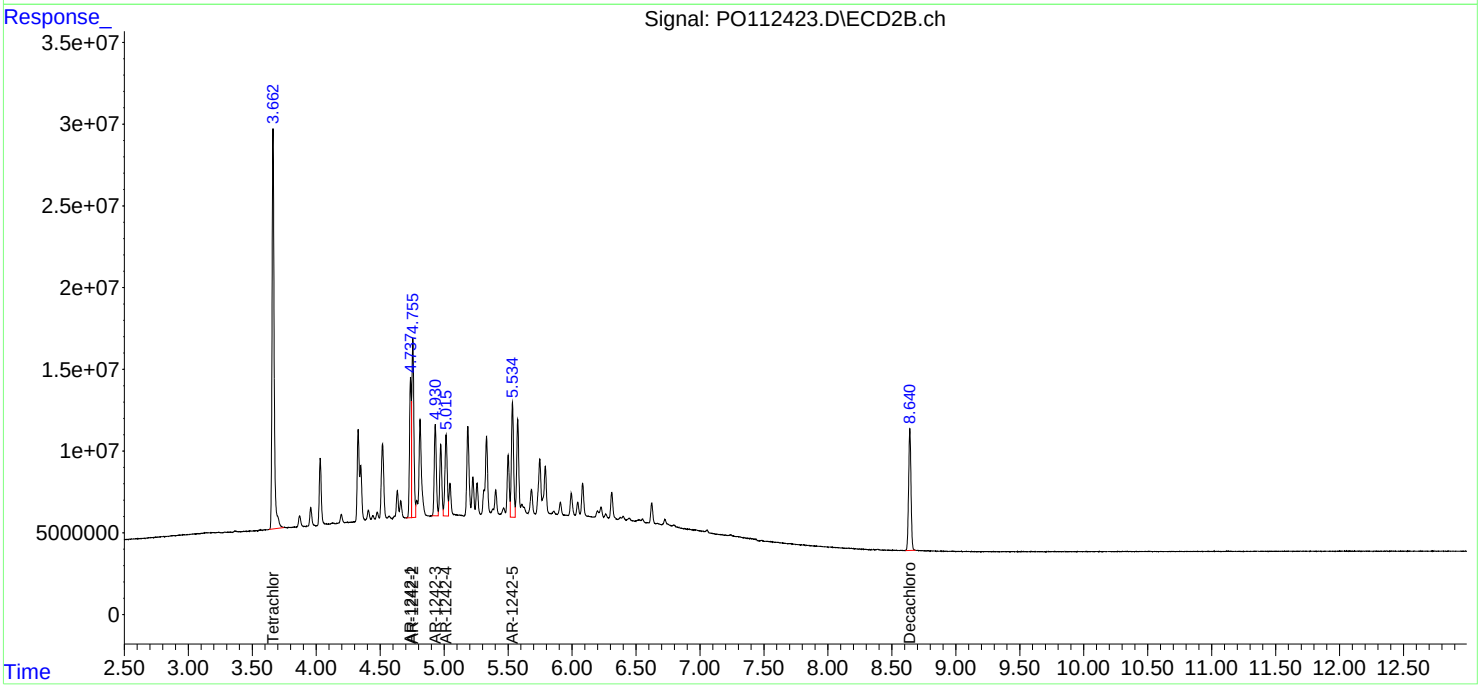
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:17
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

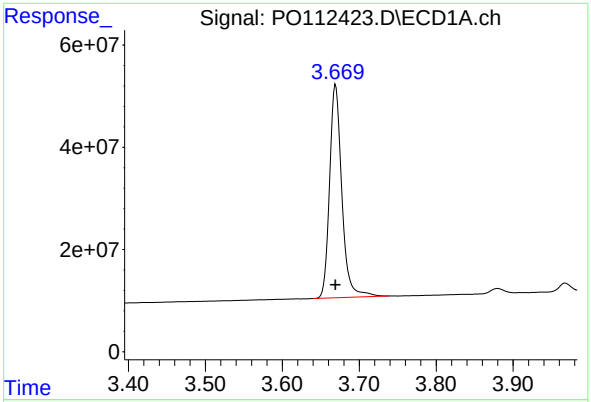
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:40:09 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



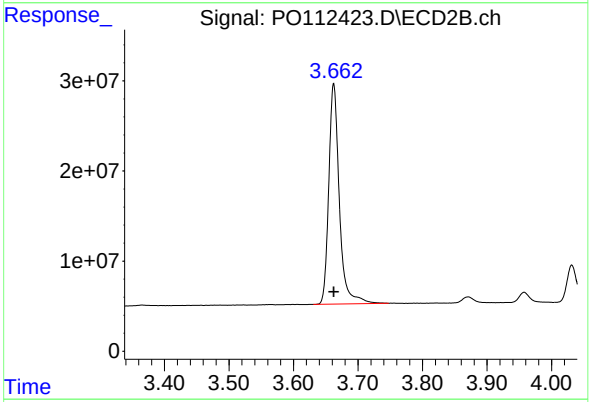




#1 Tetrachloro-m-xylene

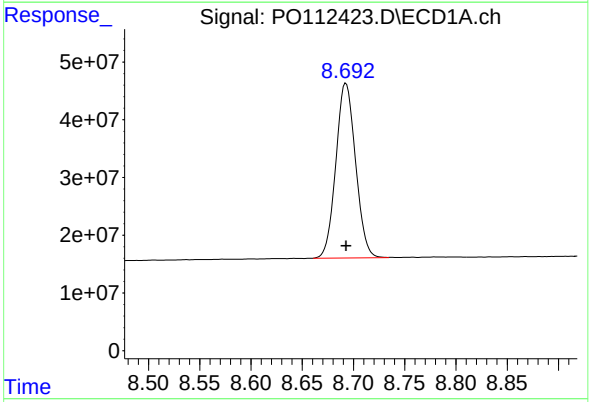
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 460974572
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



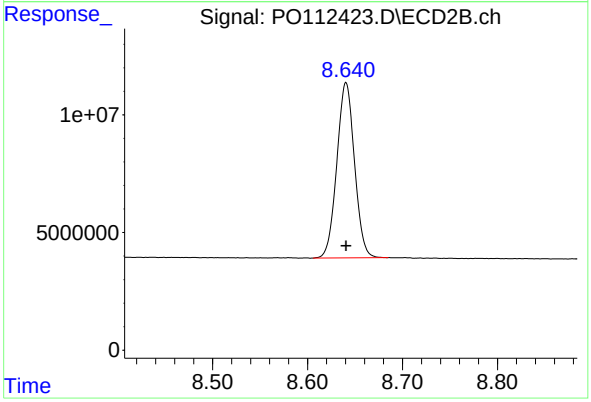
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 278677618
Conc: 50.00 ng/ml



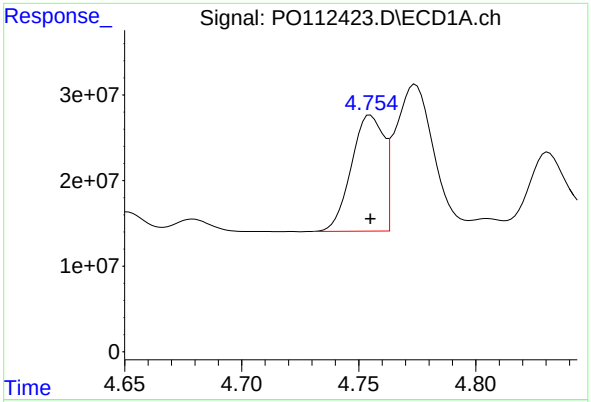
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 404398351
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

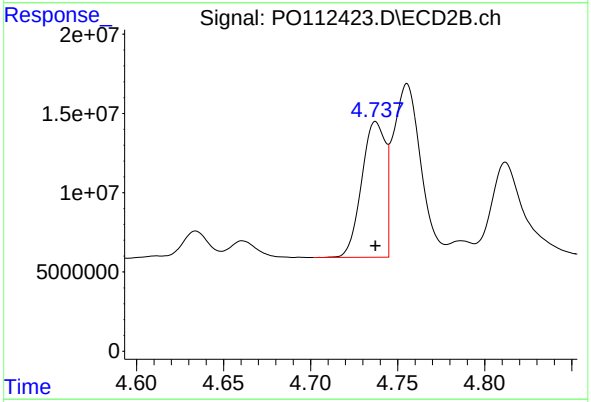
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 96205236
Conc: 50.00 ng/ml



#16 AR-1242-1

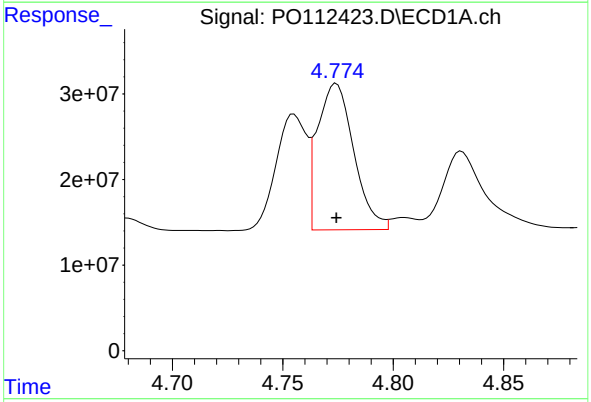
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 130330227
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



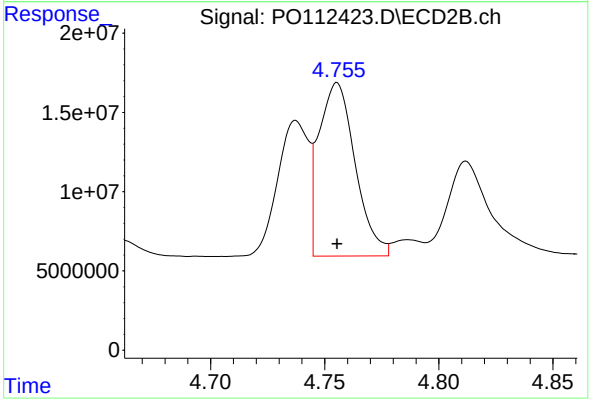
#16 AR-1242-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 81100988
Conc: 500.00 ng/ml



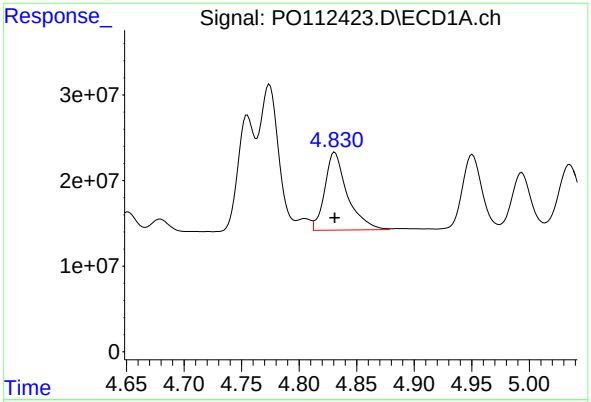
#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 195778431
Conc: 500.00 ng/ml



#17 AR-1242-2

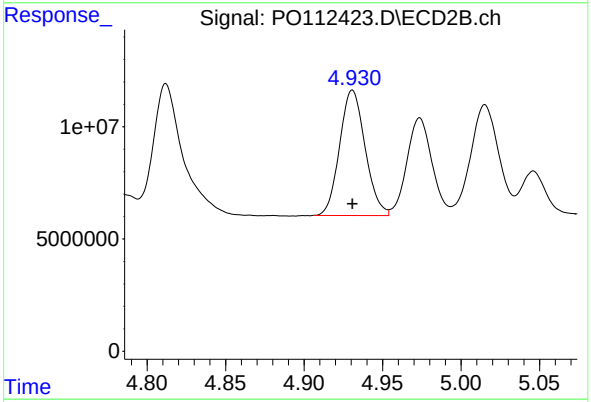
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 120908349
Conc: 500.00 ng/ml



#18 AR-1242-3

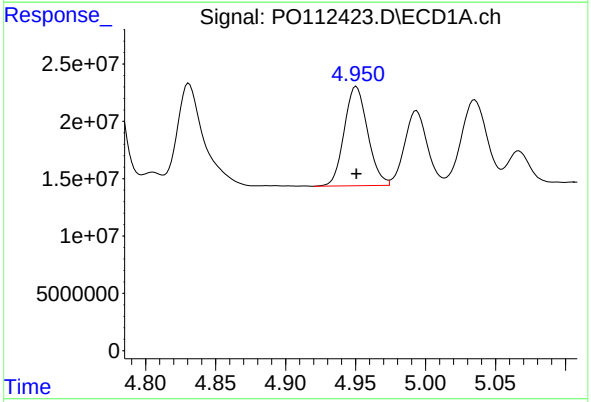
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 124157527
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



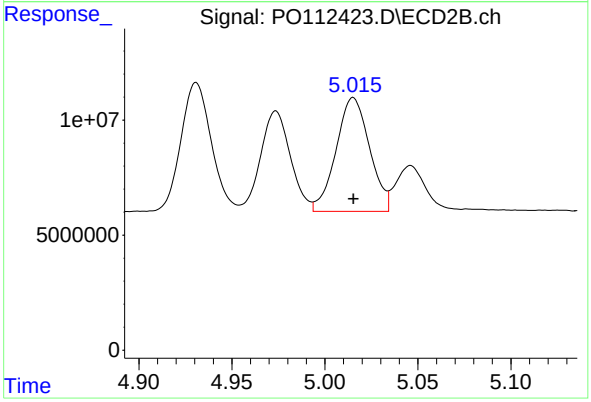
#18 AR-1242-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 63316612
Conc: 500.00 ng/ml



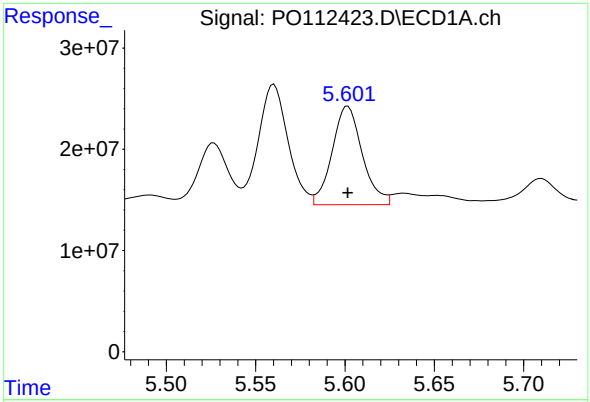
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 100782451
Conc: 500.00 ng/ml



#19 AR-1242-4

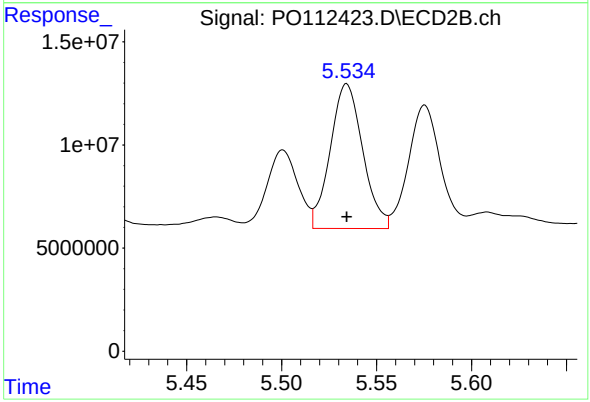
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 62114890
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 114591495
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 83558195
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:36
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:50:26 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...	3.669	3.662	230.2E6	140.8E6	25.056	25.329
2)	SA Decachlor...	8.692	8.640	202.2E6	49177998	25.104	25.901
	Target Compounds						
16)	L4 AR-1242-1	4.756	4.737	66274294	42281301	254.503	262.921
17)	L4 AR-1242-2	4.774	4.756	98384229	63307827	253.352	263.280
18)	L4 AR-1242-3	4.830	4.930	63048920	32586963	255.064	259.362
19)	L4 AR-1242-4	4.951	5.015	50849599	32274308	254.552	262.925
20)	L4 AR-1242-5	5.601	5.534	57385959	40990023	262.483m	253.808m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:36
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

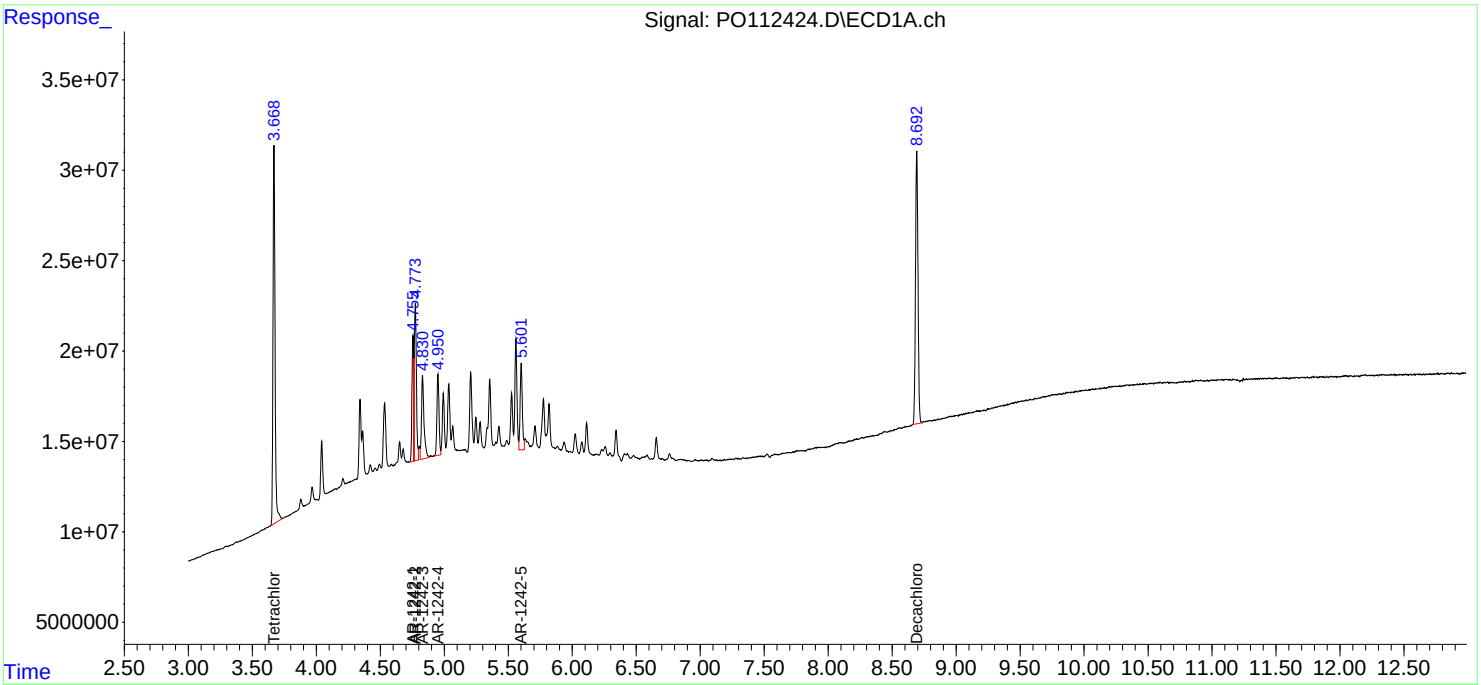
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

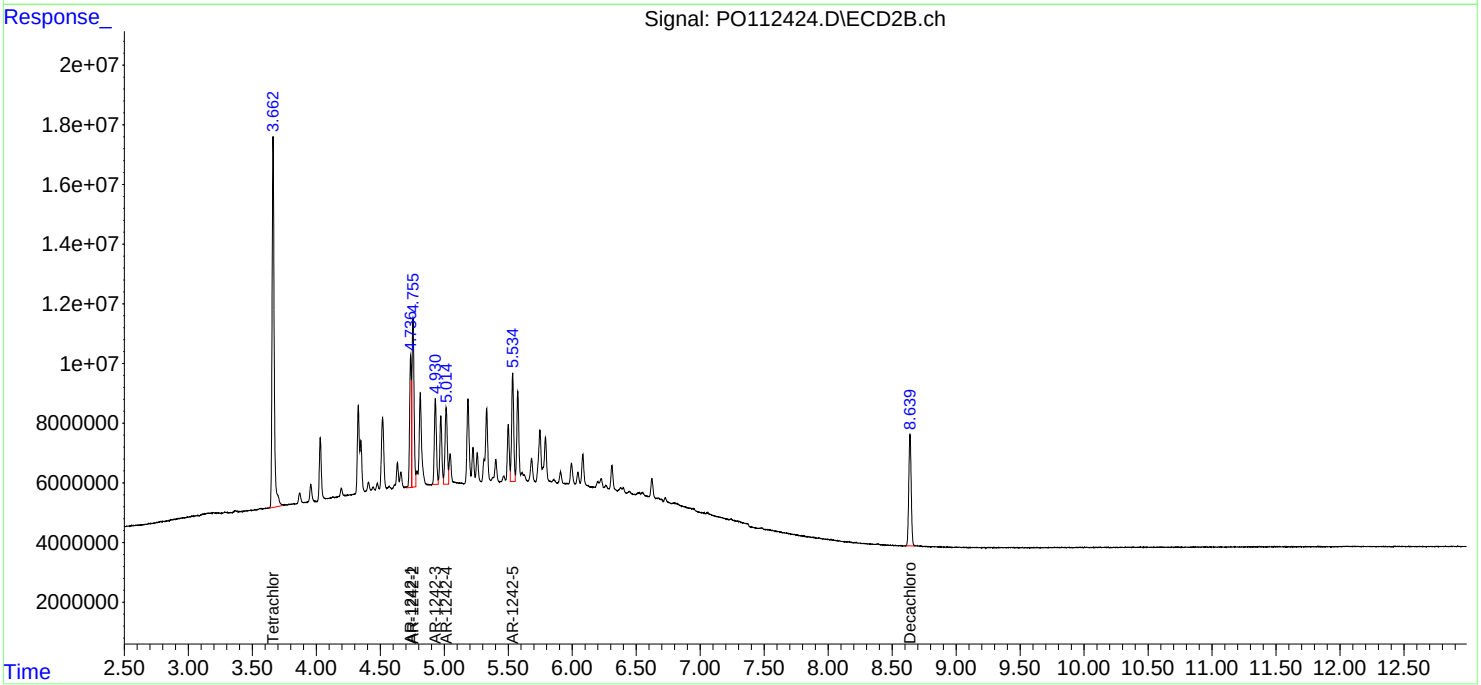
Manual Integrations APPROVED

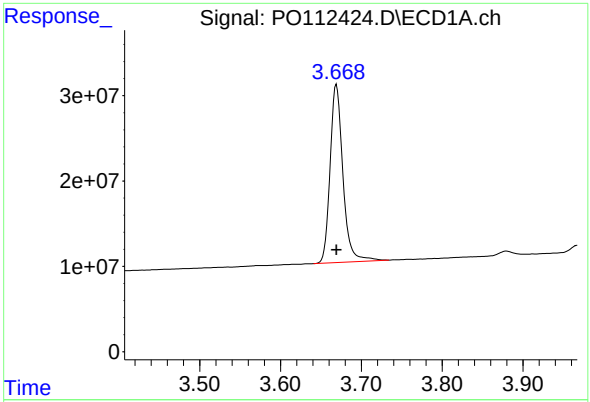
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:50:26 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







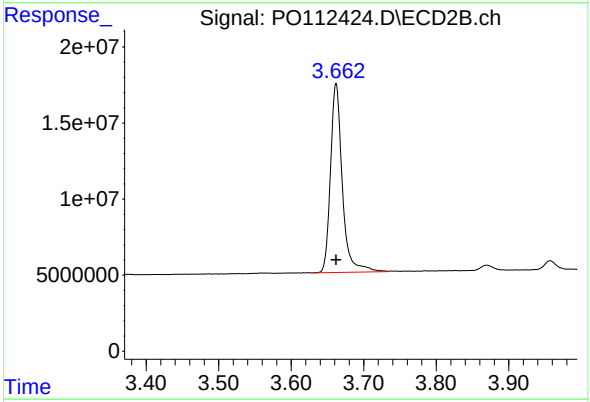
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 230185927
Conc: 25.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

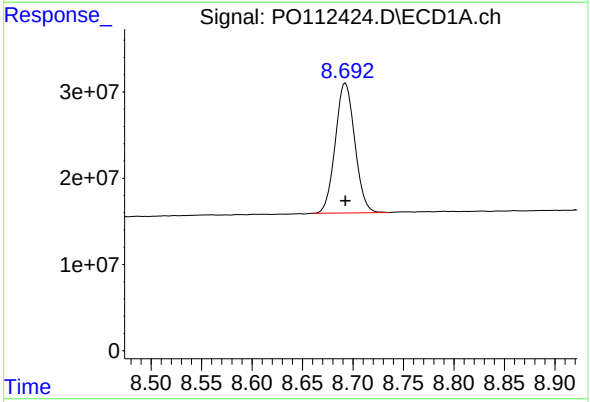
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



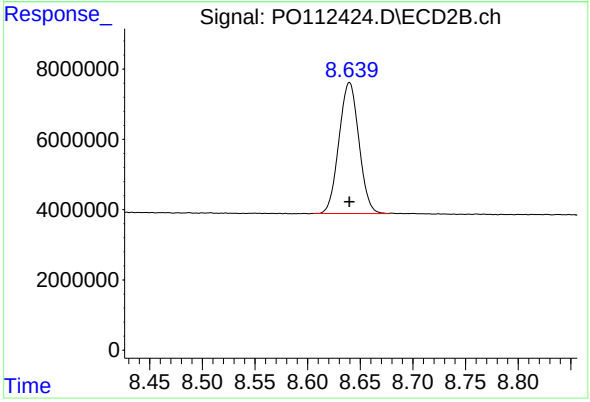
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 140771642
Conc: 25.33 ng/ml



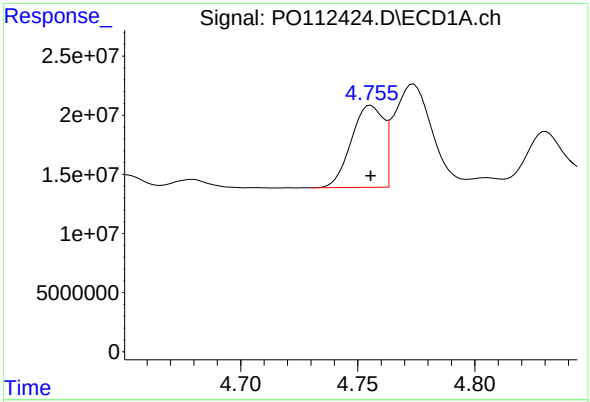
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 202170823
Conc: 25.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 49177998
Conc: 25.90 ng/ml



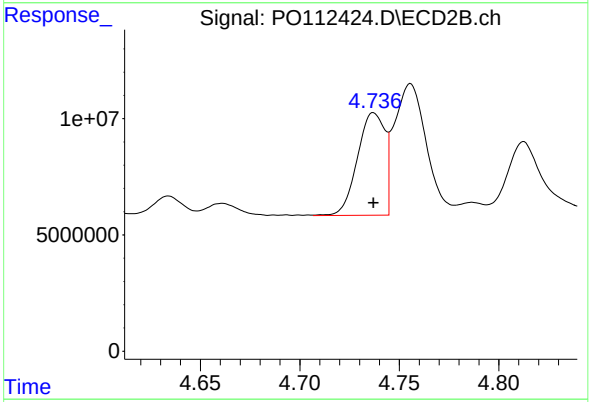
#16 AR-1242-1

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 66274294
Conc: 254.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

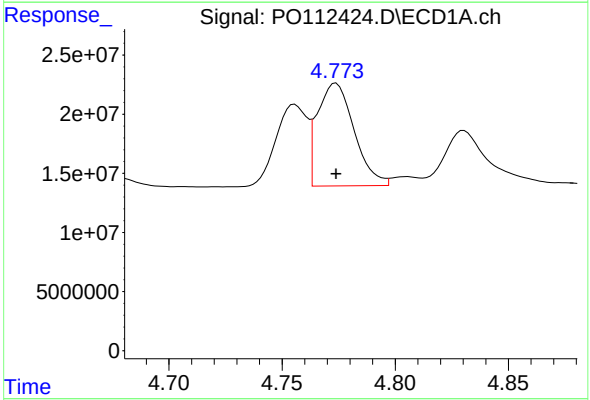
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



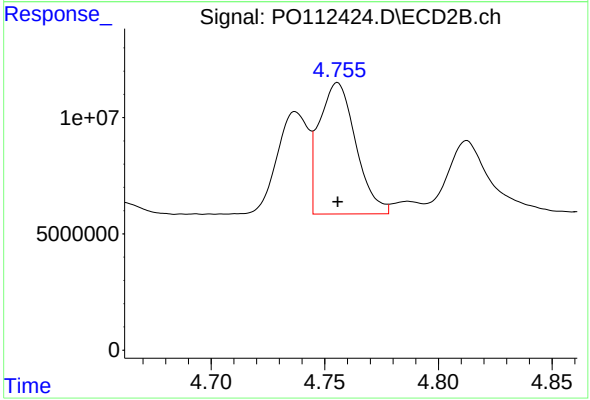
#16 AR-1242-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 42281301
Conc: 262.92 ng/ml



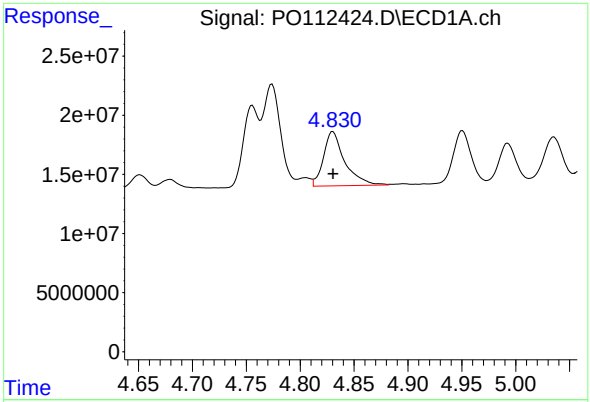
#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 98384229
Conc: 253.35 ng/ml



#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 63307827
Conc: 263.28 ng/ml



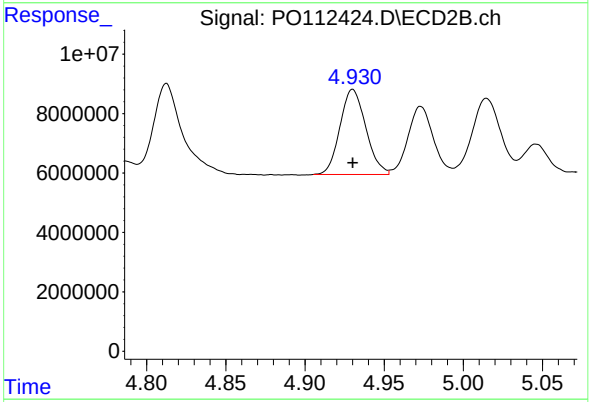
#18 AR-1242-3

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 63048920
Conc: 255.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

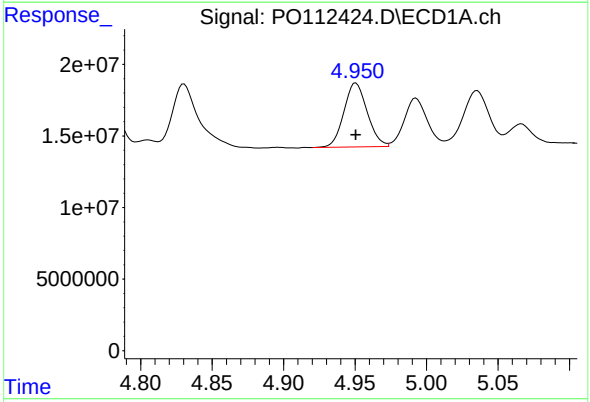
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



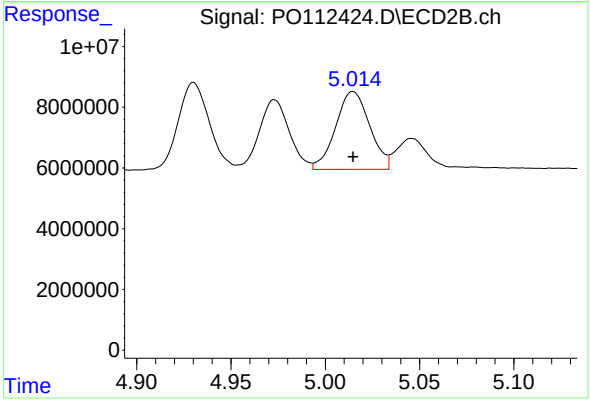
#18 AR-1242-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 32586963
Conc: 259.36 ng/ml



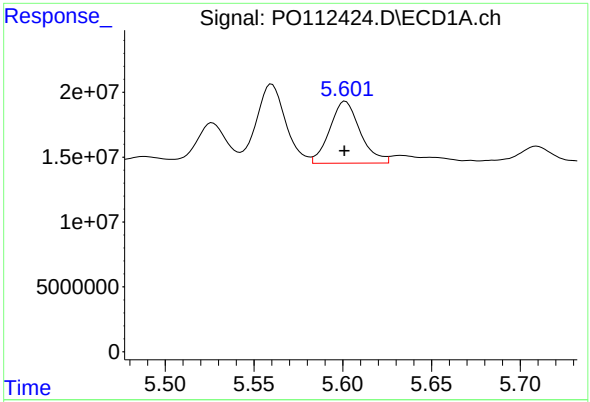
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 50849599
Conc: 254.55 ng/ml



#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 32274308
Conc: 262.93 ng/ml



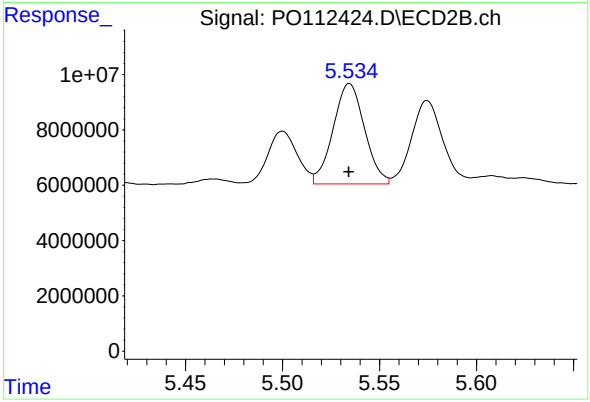
#20 AR-1242-5

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 57385959
Conc: 262.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



#20 AR-1242-5

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 40990023
Conc: 253.81 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:54
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 15:07:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 15:07:00 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...	3.670	3.662	31709040	20307281	3.679	3.861m
2)	SA Decachlor...	8.695	8.640	31949919	7899252	4.138	4.305
	Target Compounds						
16)	L4 AR-1242-1	4.757	4.738	9816709	7435731	39.649	46.945
17)	L4 AR-1242-2	4.776	4.756	14782408	10324894	39.975	44.186
18)	L4 AR-1242-3	4.833	4.932	9726638	5168677	41.100	42.650
19)	L4 AR-1242-4	4.952	5.016	8617431	6134656	44.356	49.981
20)	L4 AR-1242-5	5.603	5.535	8751010	7919520	41.522m	48.545m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:54
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

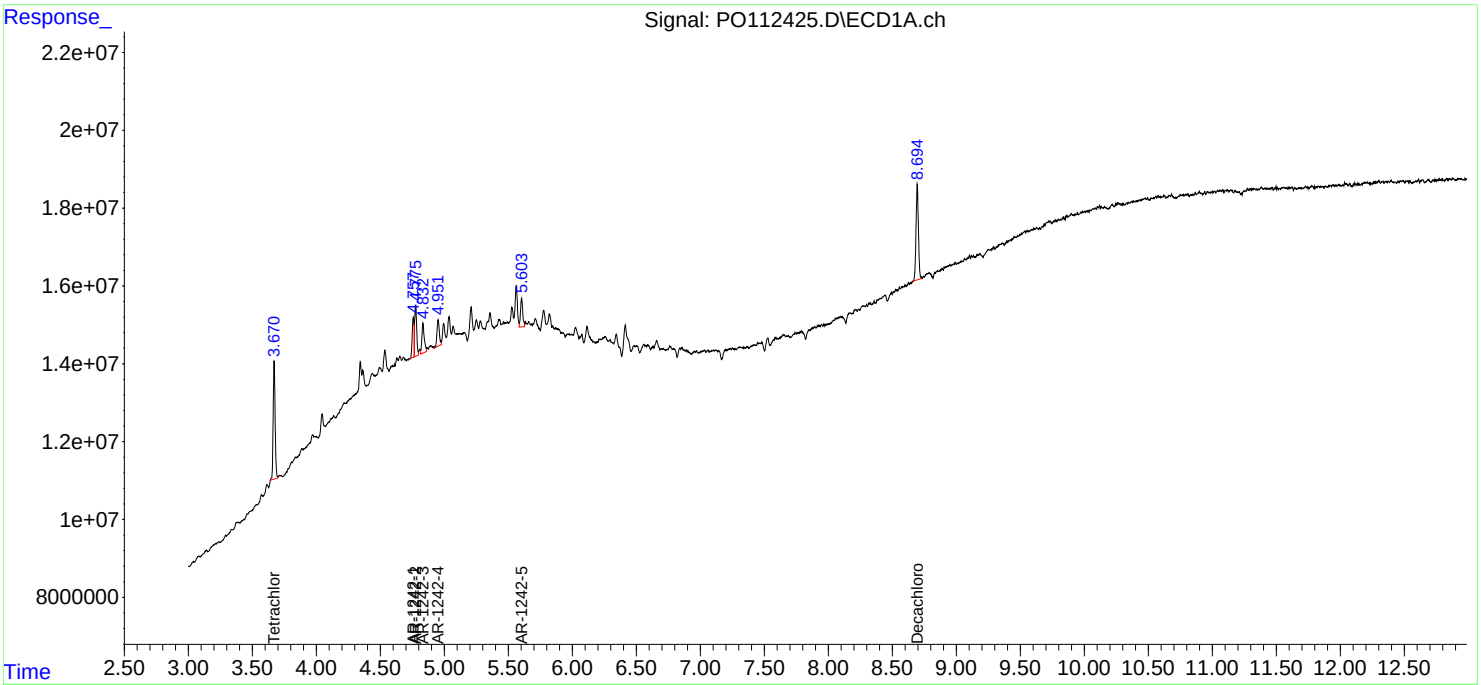
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

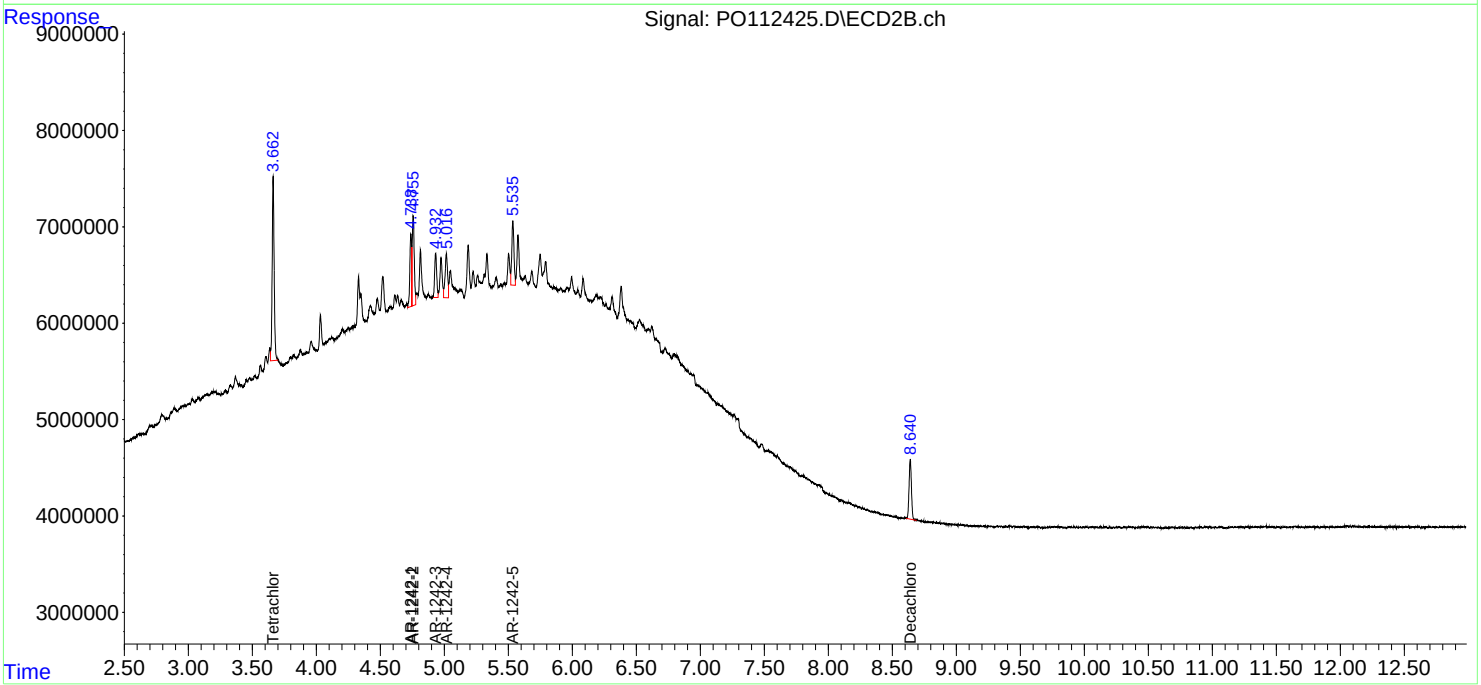
Manual Integrations APPROVED

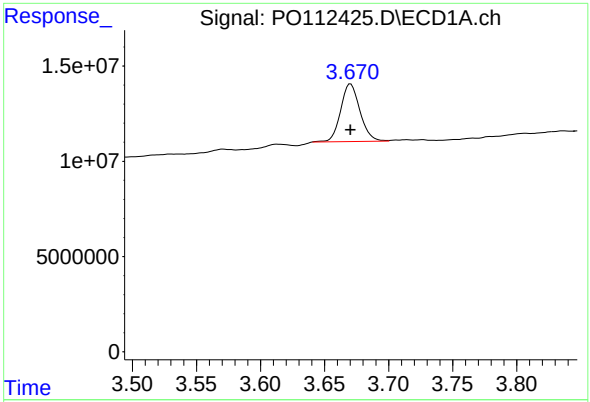
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 15:07:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 15:07:00 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







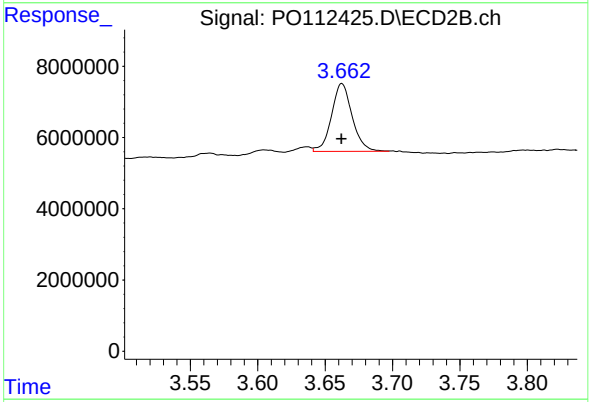
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 31709040
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

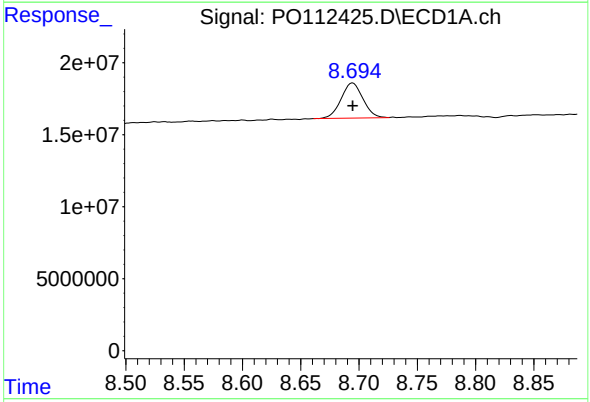
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



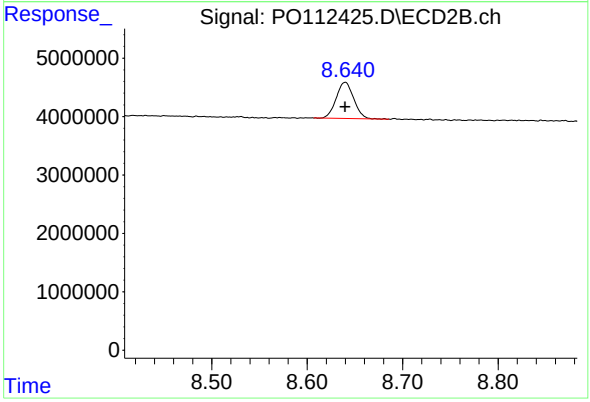
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 20307281
Conc: 3.86 ng/ml m



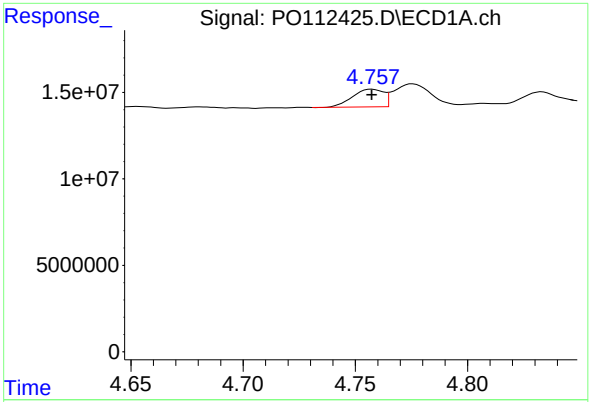
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 31949919
Conc: 4.14 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7899252
Conc: 4.30 ng/ml



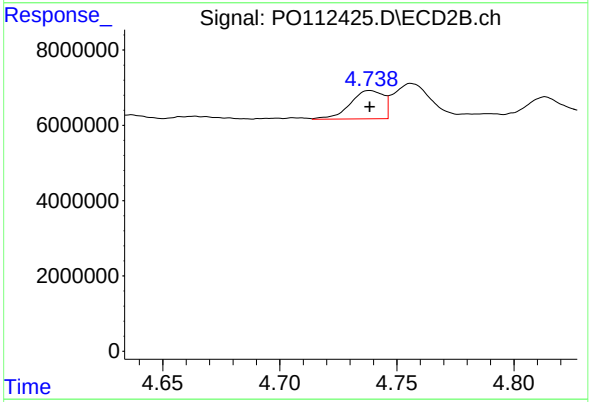
#16 AR-1242-1

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 9816709
Conc: 39.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

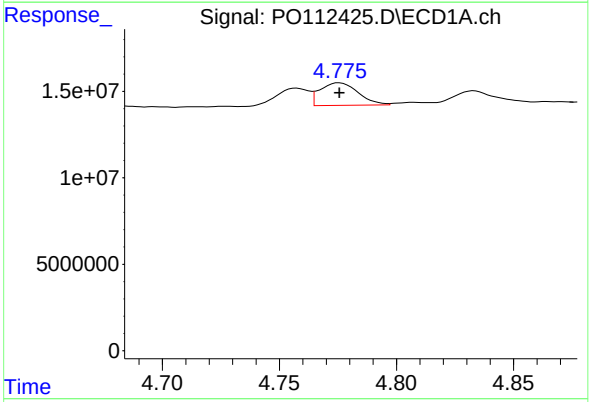
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



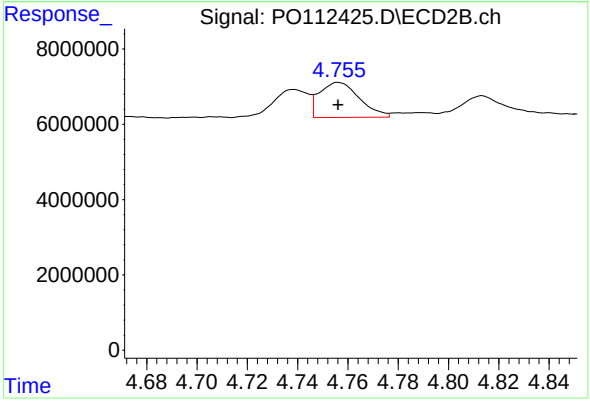
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 7435731
Conc: 46.94 ng/ml



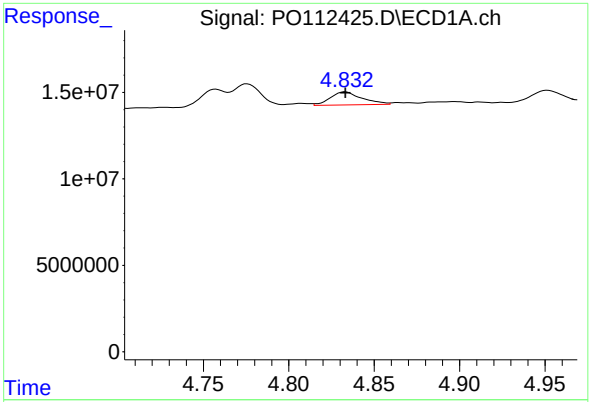
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 14782408
Conc: 39.97 ng/ml



#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10324894
Conc: 44.19 ng/ml



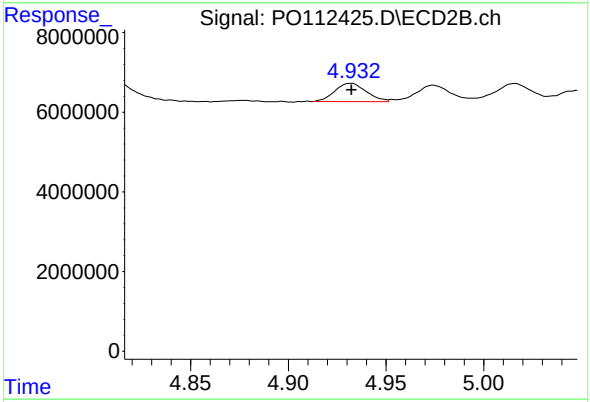
#18 AR-1242-3

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 9726638
Conc: 41.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

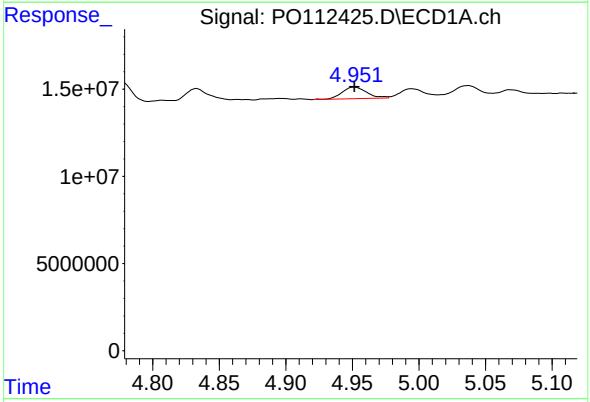
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



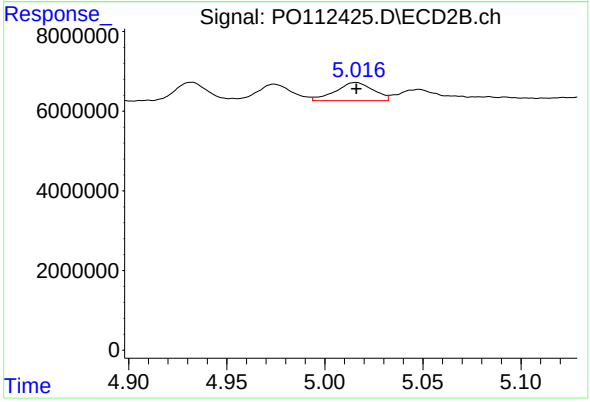
#18 AR-1242-3

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 5168677
Conc: 42.65 ng/ml



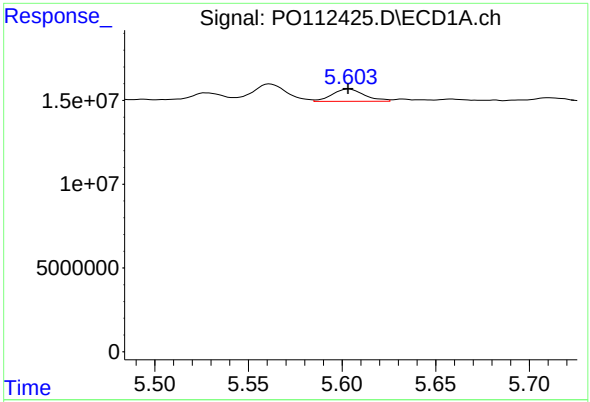
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 8617431
Conc: 44.36 ng/ml



#19 AR-1242-4

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6134656
Conc: 49.98 ng/ml



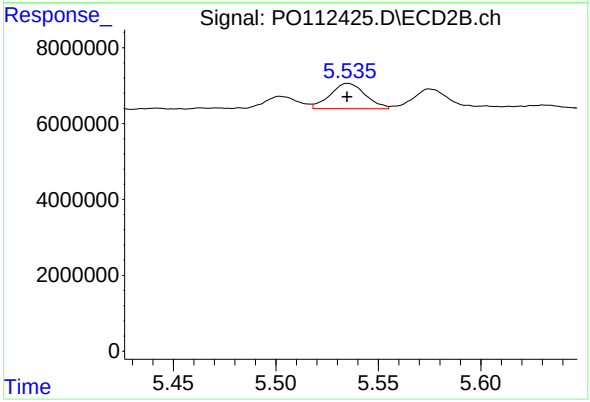
#20 AR-1242-5

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 8751010
Conc: 41.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 7919520
Conc: 48.54 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:13
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: Jul 23 17:42:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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...	3.670	3.663	894.7E6	536.3E6	98.207	98.214
2)	SA Decachlor...	8.694	8.642	790.0E6	183.7E6	98.166	97.230
	Target Compounds						
21)	L5 AR-1248-1	4.756	4.738	189.3E6	116.8E6	976.657	958.799
22)	L5 AR-1248-2	4.994	4.974	257.1E6	161.8E6	974.386	958.261
23)	L5 AR-1248-3	5.208	5.015	329.8E6	170.7E6	969.727	961.014
24)	L5 AR-1248-4	5.561	5.185	503.2E6	202.5E6	964.167	960.436
25)	L5 AR-1248-5	5.602	5.576	346.5E6	207.1E6	961.394	953.250

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

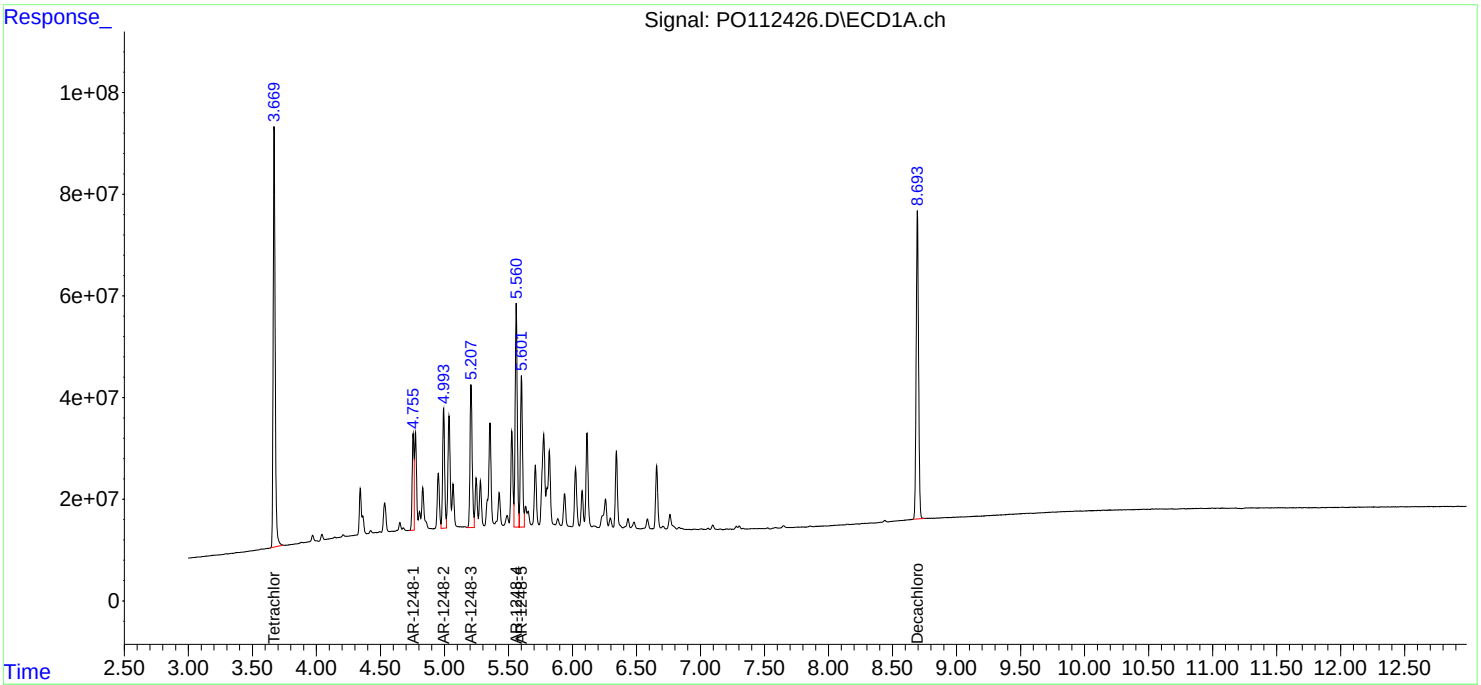
ICAL Form

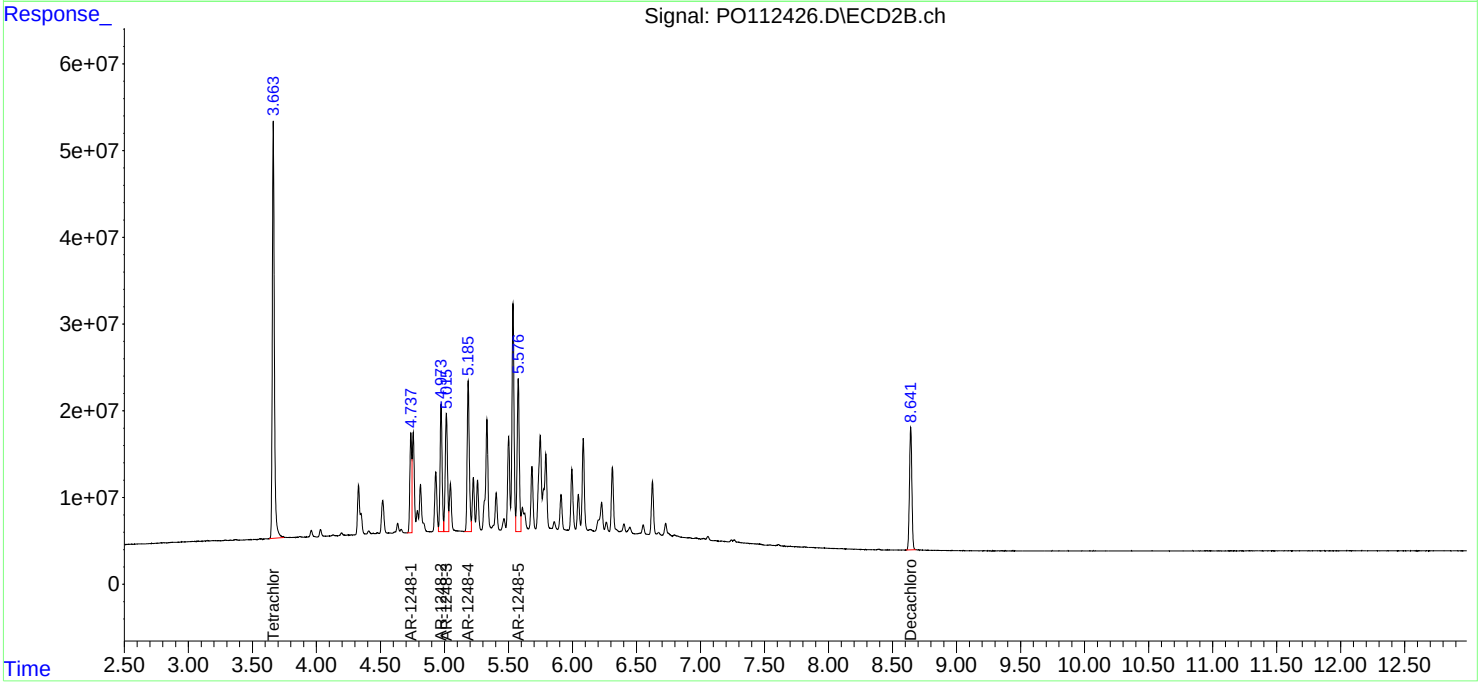
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:13
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

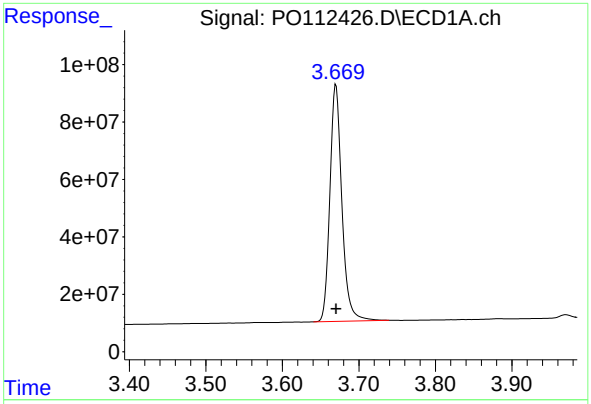
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:42:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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



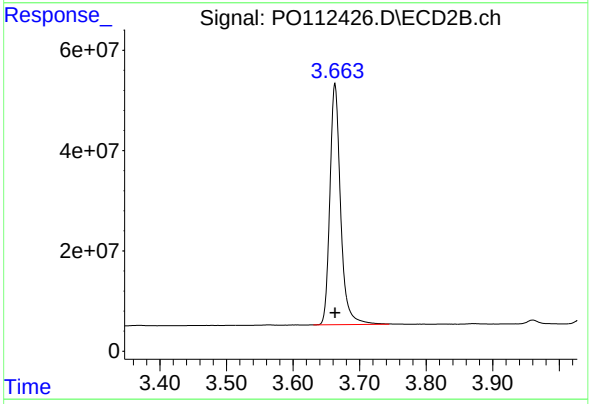




#1 Tetrachloro-m-xylene

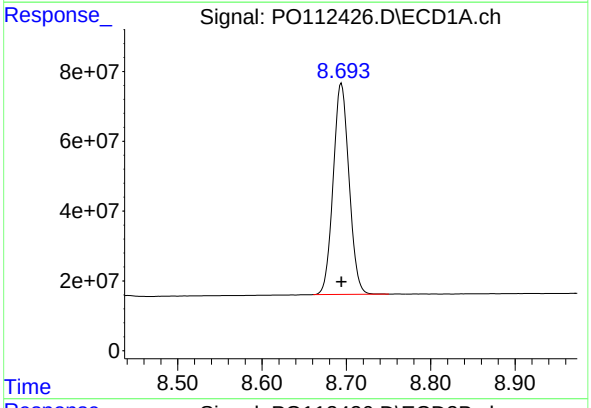
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 894659096
Conc: 98.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



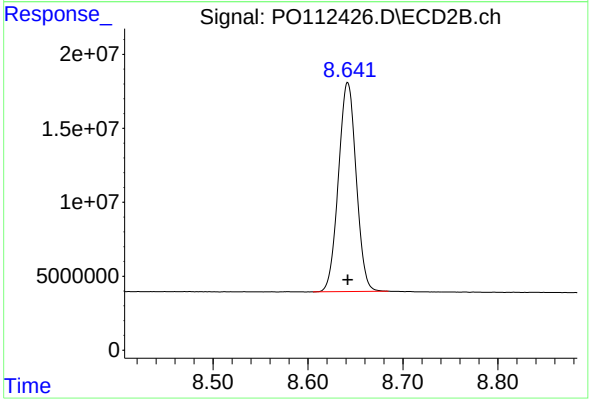
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 536299018
Conc: 98.21 ng/ml



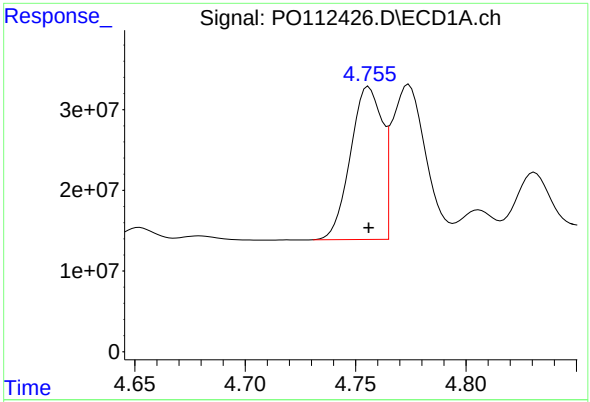
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 790001849
Conc: 98.17 ng/ml



#2 Decachlorobiphenyl

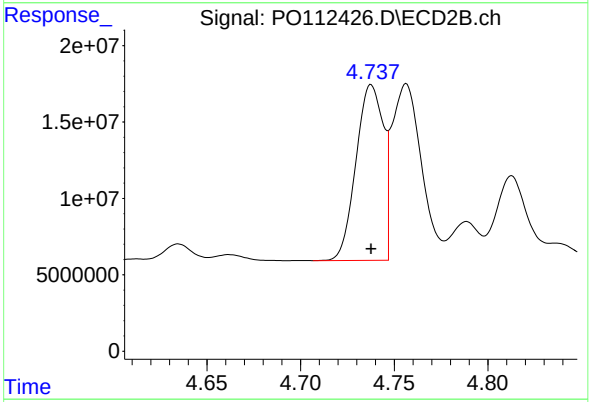
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 183652482
Conc: 97.23 ng/ml



#21 AR-1248-1

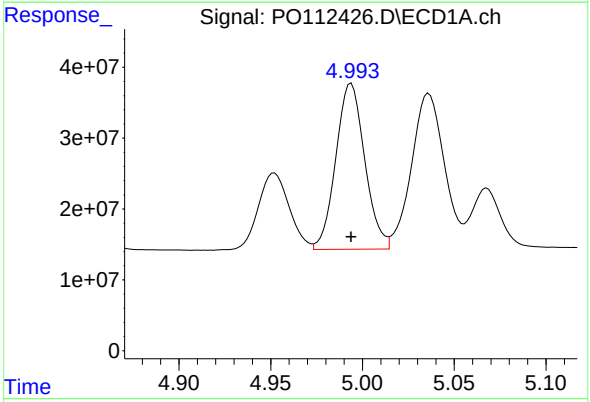
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 189314500
Conc: 976.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



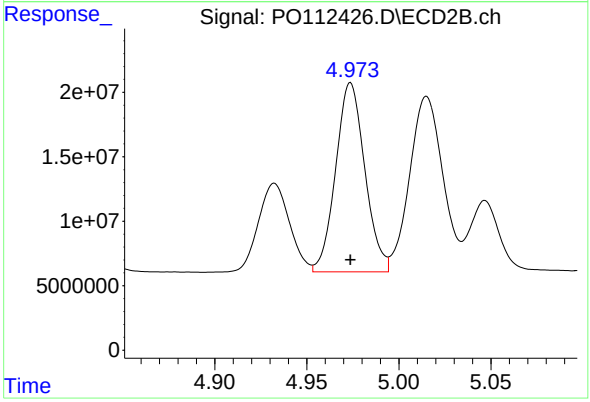
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 116797575
Conc: 958.80 ng/ml



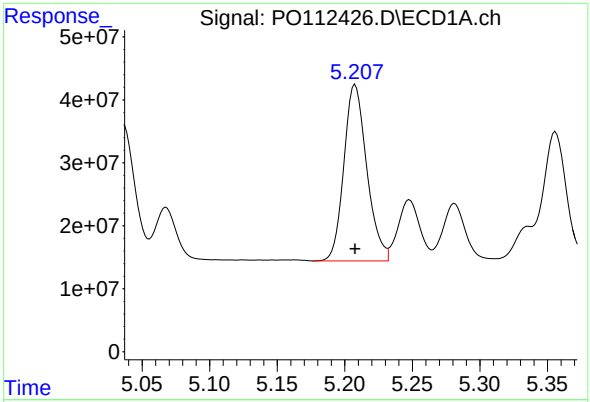
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 257058197
Conc: 974.39 ng/ml



#22 AR-1248-2

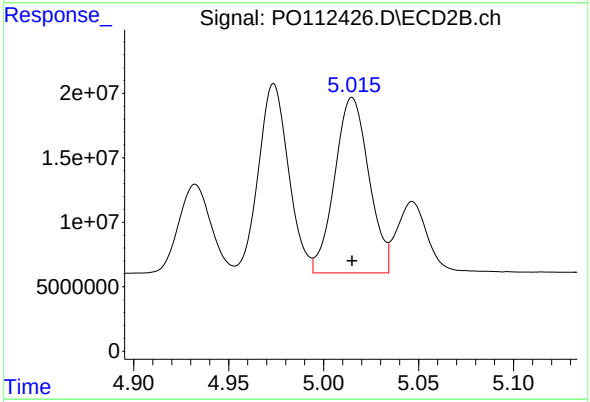
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 161755092
Conc: 958.26 ng/ml



#23 AR-1248-3

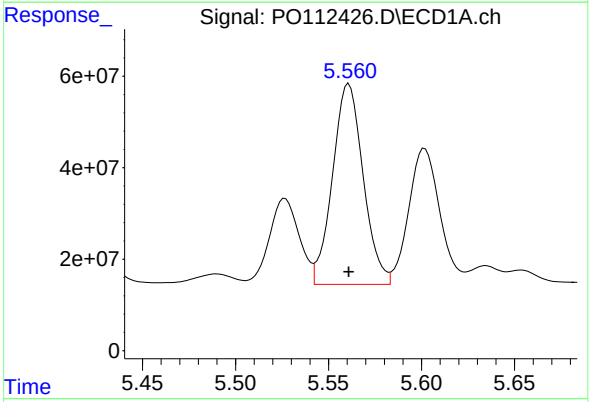
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 329824745
Conc: 969.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



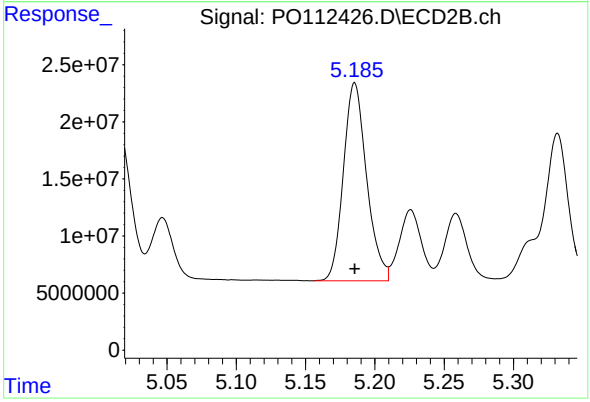
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 170672394
Conc: 961.01 ng/ml



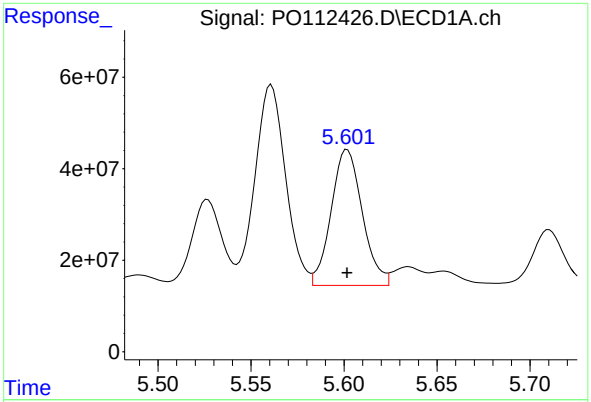
#24 AR-1248-4

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 503150480
Conc: 964.17 ng/ml



#24 AR-1248-4

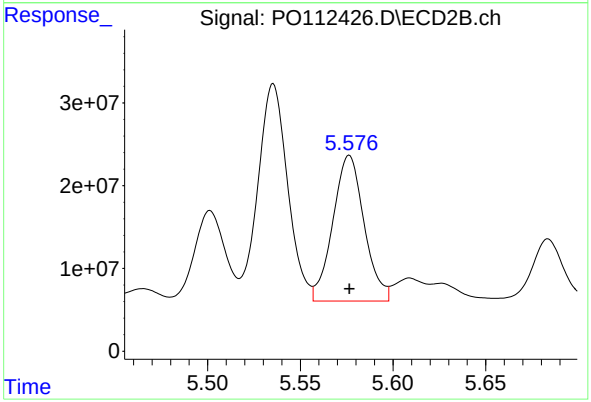
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 202462025
Conc: 960.44 ng/ml



#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 346508966
Conc: 961.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 207118457
Conc: 953.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:31
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: Jul 23 17:46:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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...	3.669	3.662	689.2E6	412.7E6	75.433	75.386
2)	SA Decachlor...	8.694	8.640	606.5E6	140.9E6	75.240	74.725
	Target Compounds						
21)	L5 AR-1248-1	4.755	4.737	145.1E6	91310177	748.883	749.714
22)	L5 AR-1248-2	4.993	4.973	199.5E6	126.7E6	754.166	750.310
23)	L5 AR-1248-3	5.207	5.015	257.0E6	133.7E6	753.762	751.756
24)	L5 AR-1248-4	5.560	5.185	392.7E6	158.0E6	751.645	749.628
25)	L5 AR-1248-5	5.601	5.575	272.4E6	162.1E6	753.927	747.333

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

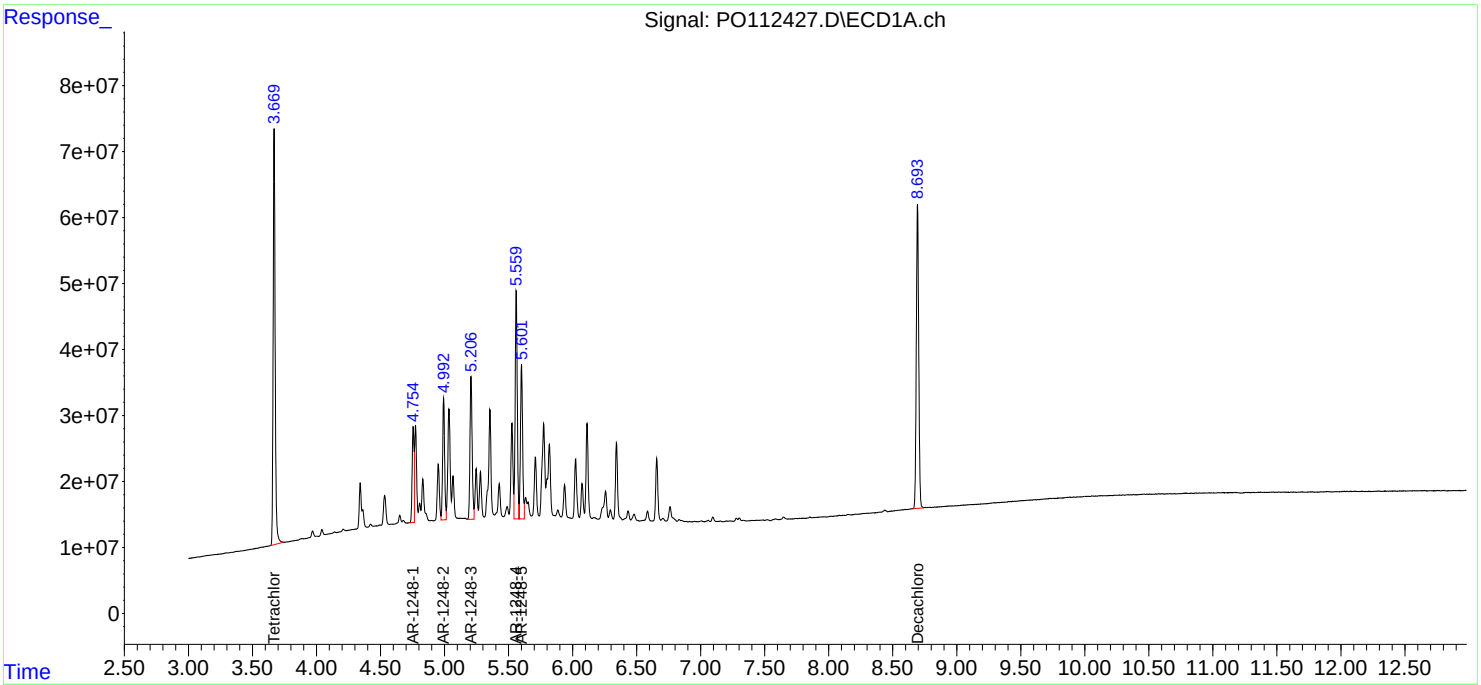
ICAL Form

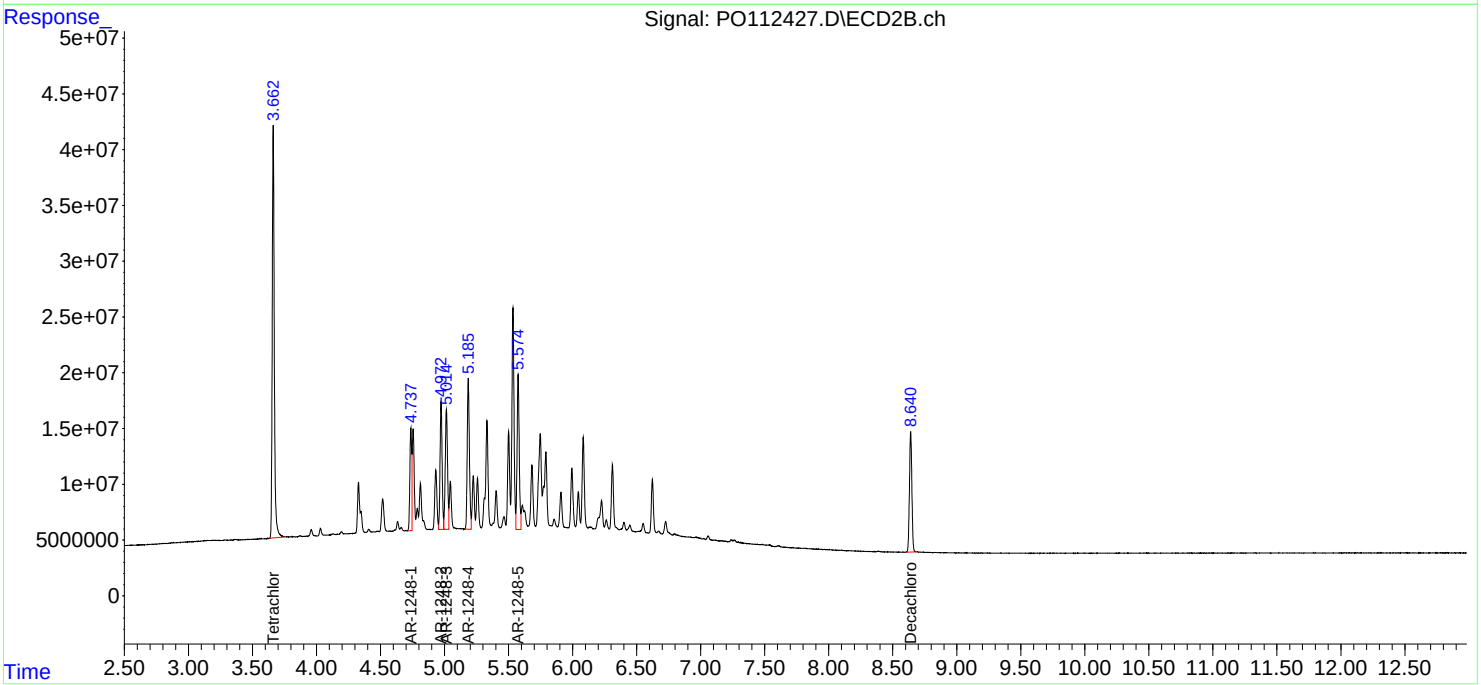
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:31
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

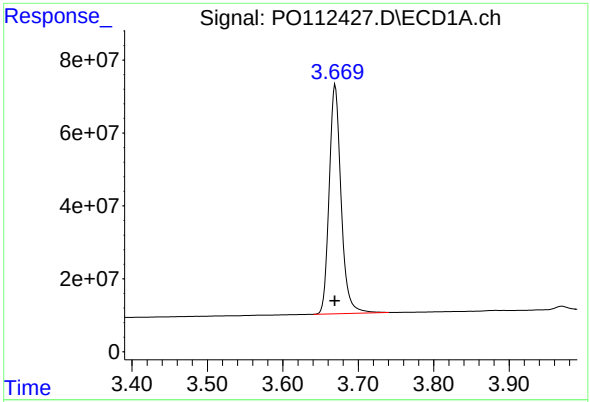
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:46:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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



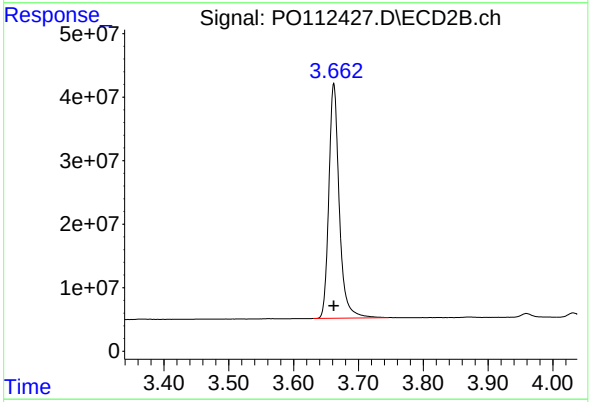




#1 Tetrachloro-m-xylene

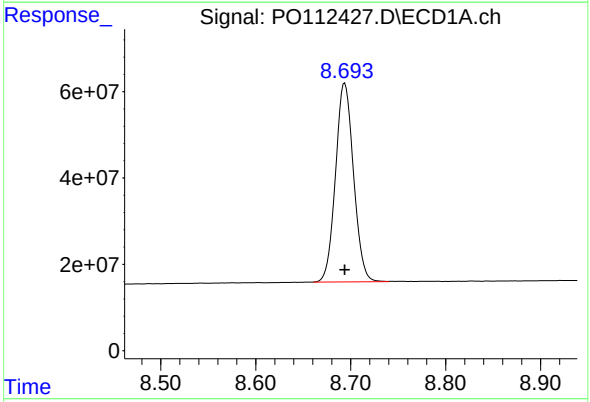
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 689179613
Conc: 75.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



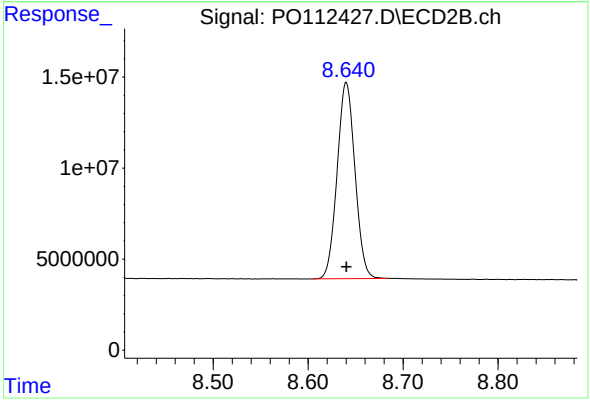
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 412707775
Conc: 75.39 ng/ml



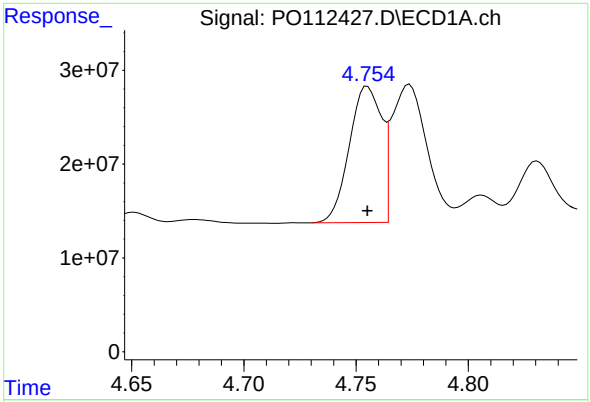
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 606473130
Conc: 75.24 ng/ml



#2 Decachlorobiphenyl

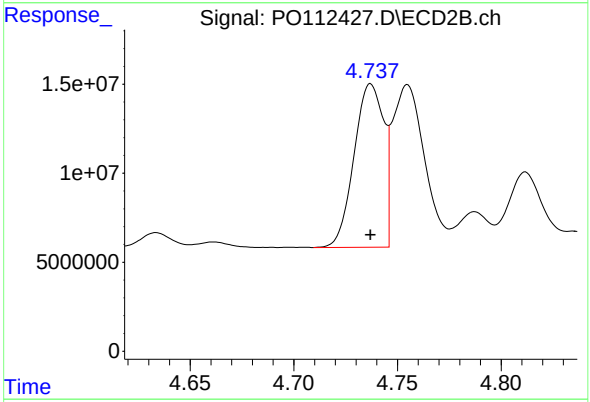
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 140886142
Conc: 74.73 ng/ml



#21 AR-1248-1

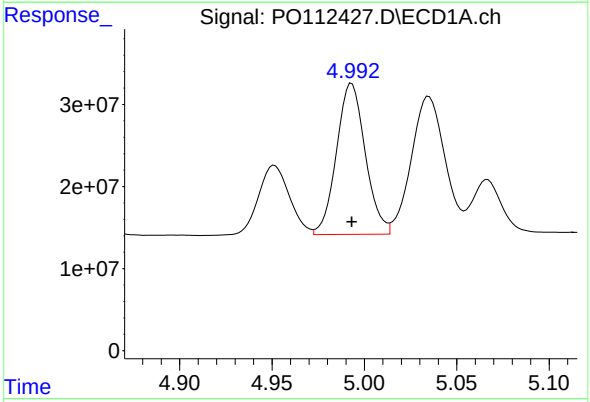
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 145054784
Conc: 748.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



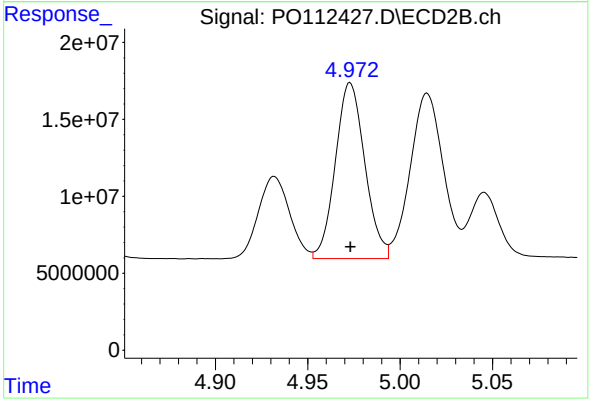
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 91310177
Conc: 749.71 ng/ml



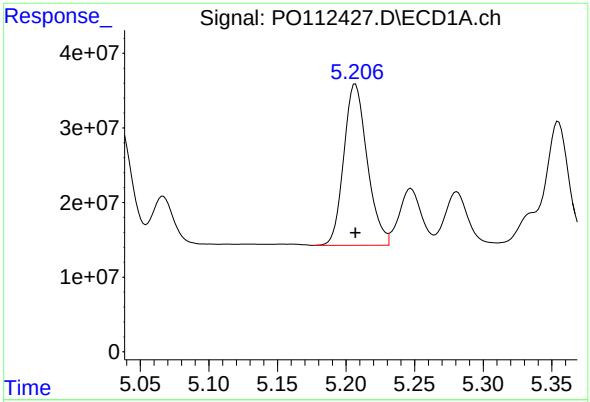
#22 AR-1248-2

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 199514924
Conc: 754.17 ng/ml



#22 AR-1248-2

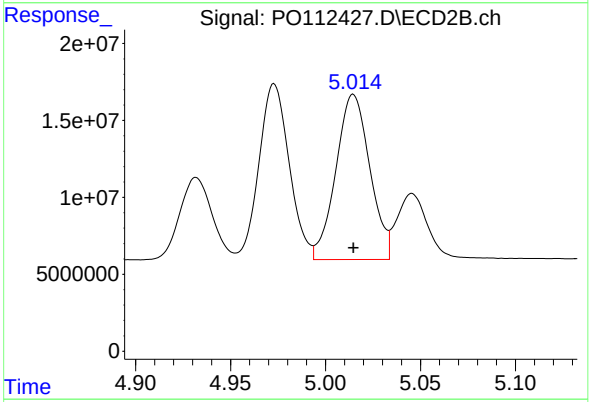
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 126679146
Conc: 750.31 ng/ml



#23 AR-1248-3

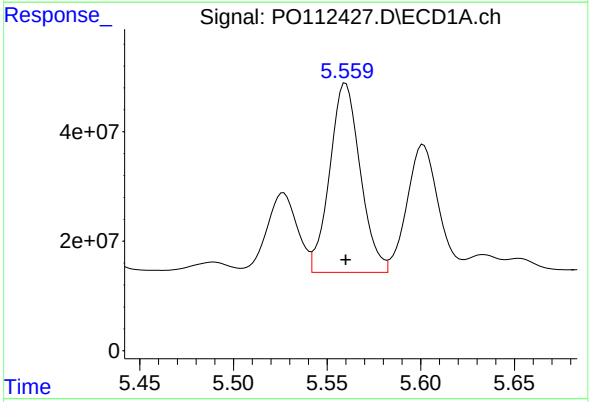
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 257015325
Conc: 753.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



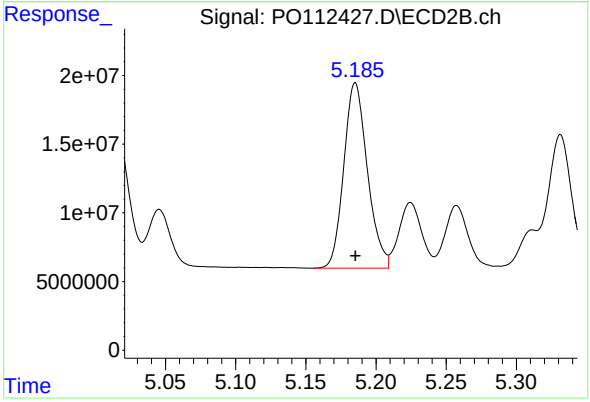
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 133665549
Conc: 751.76 ng/ml



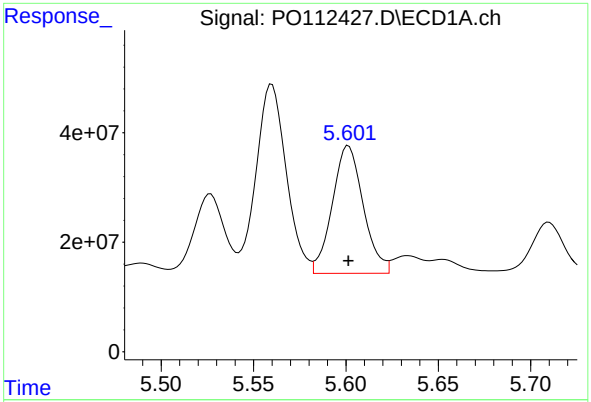
#24 AR-1248-4

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 392676413
Conc: 751.64 ng/ml



#24 AR-1248-4

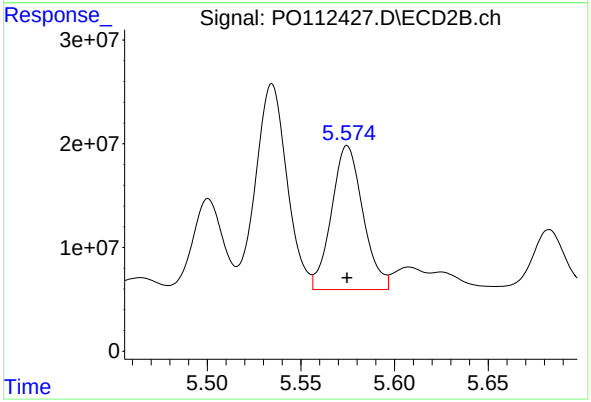
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 157984016
Conc: 749.63 ng/ml



#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 272446433
Conc: 753.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 162089416
Conc: 747.33 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:48
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: Jul 23 17:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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...	3.668	3.662	463.7E6	277.9E6	50.000	50.000
2)	SA Decachlor...	8.692	8.640	409.8E6	97058226	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.754	4.737	99182020	63417693	500.000	500.000
22)	L5 AR-1248-2	4.992	4.973	135.3E6	87923157	500.000	500.000
23)	L5 AR-1248-3	5.205	5.015	175.2E6	92259912	500.000	500.000
24)	L5 AR-1248-4	5.559	5.185	270.3E6	109.6E6	500.000	500.000
25)	L5 AR-1248-5	5.599	5.575	187.2E6	113.7E6	500.000	500.000

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

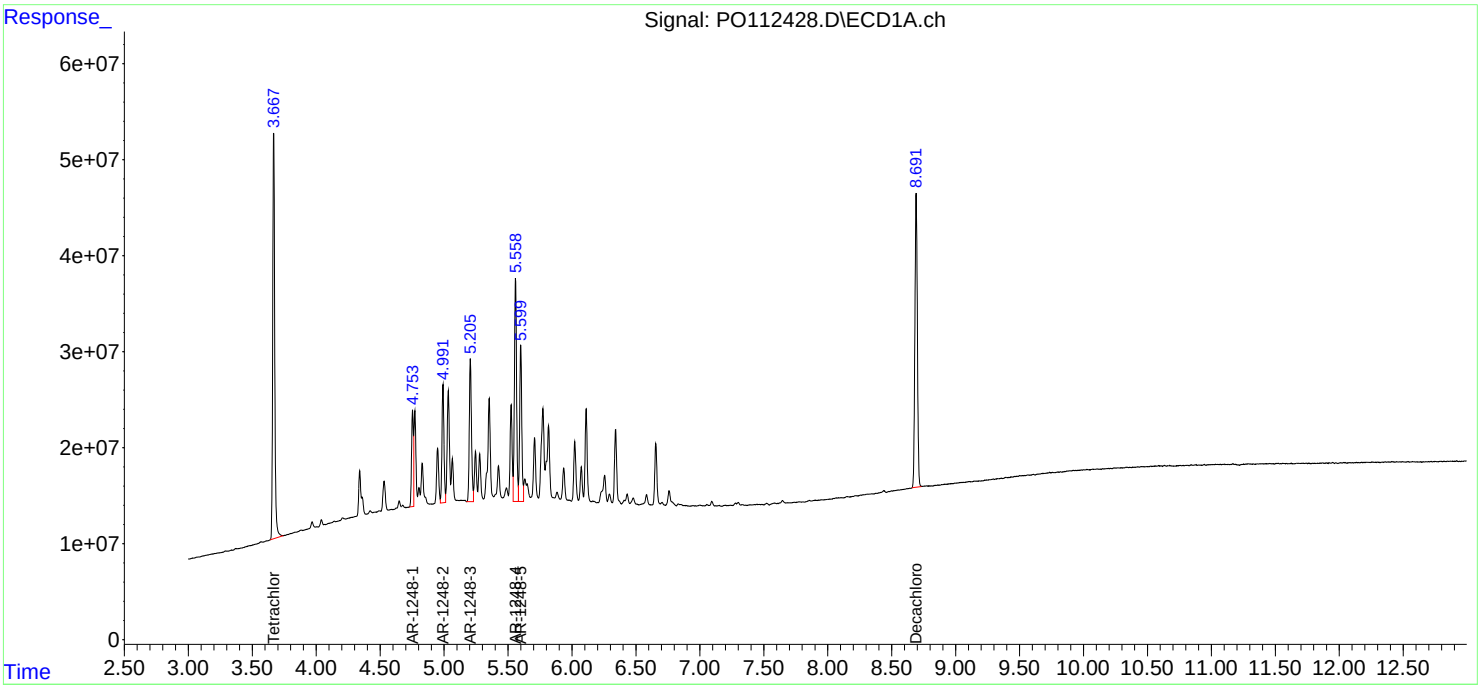
ICAL Form

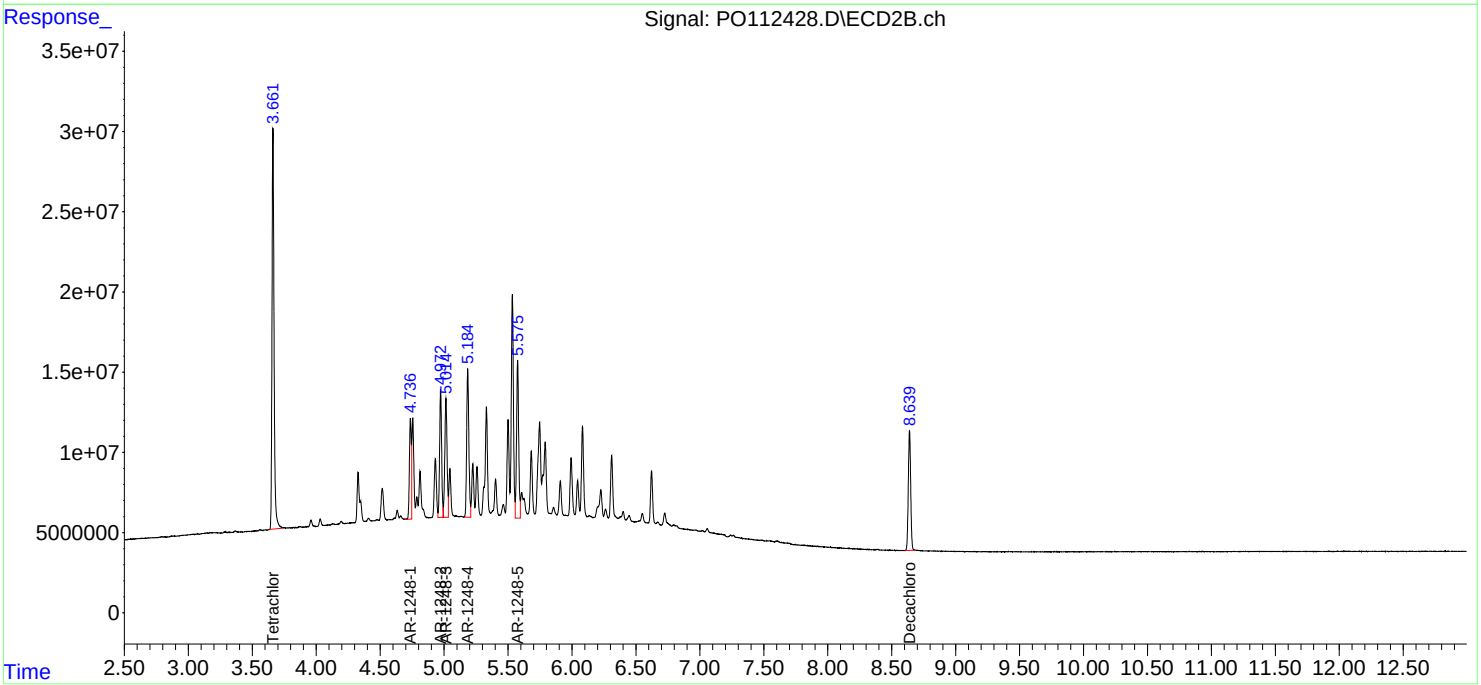
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:48
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

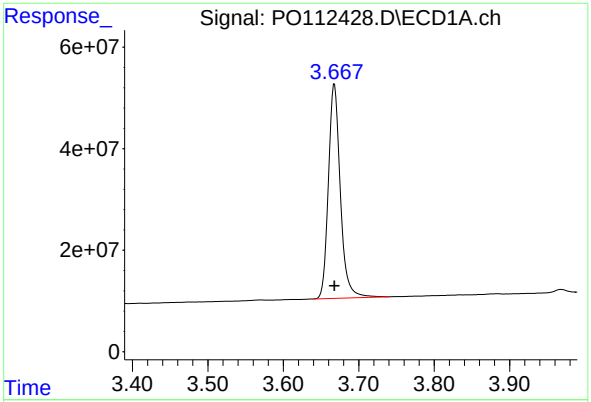
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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



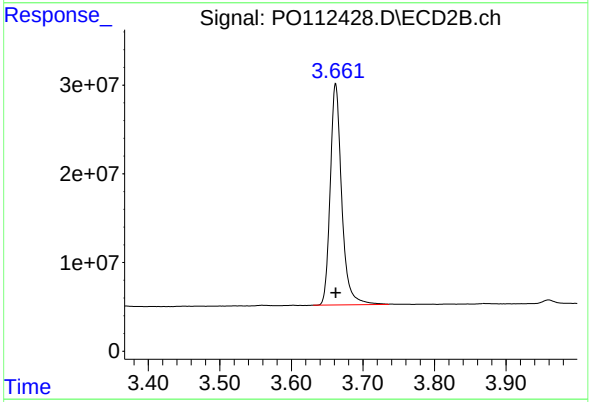




#1 Tetrachloro-m-xylene

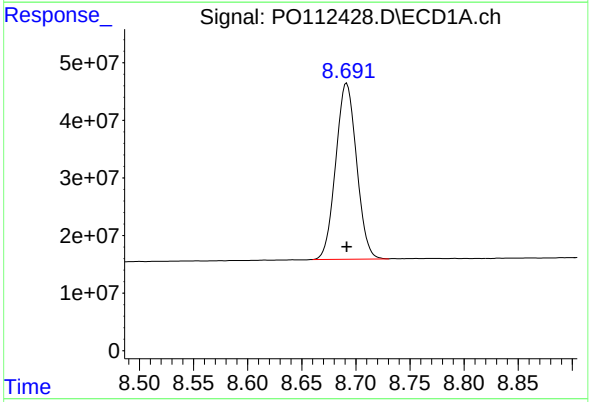
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 463659312
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



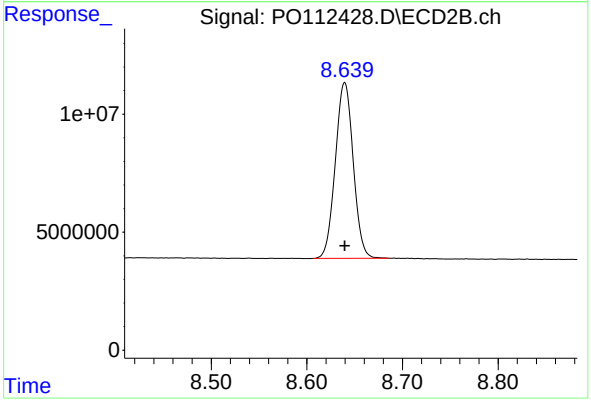
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 277901821
Conc: 50.00 ng/ml



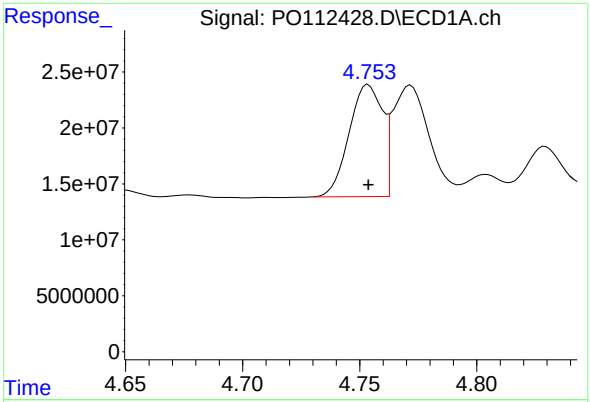
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 409758552
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

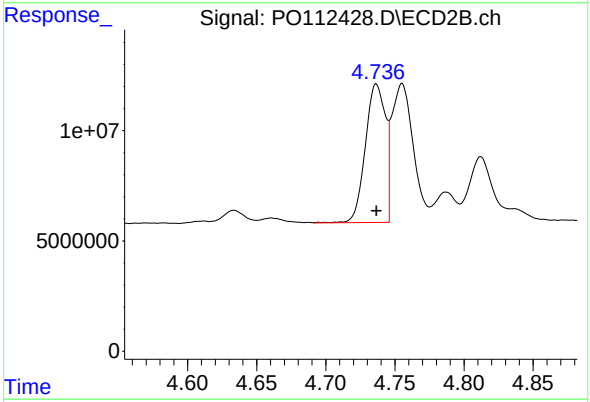
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 97058226
Conc: 50.00 ng/ml



#21 AR-1248-1

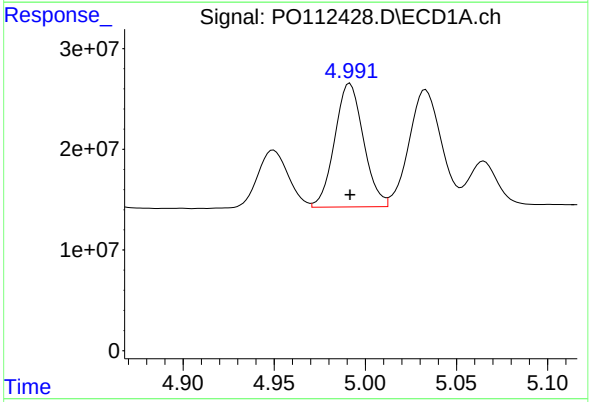
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 99182020
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



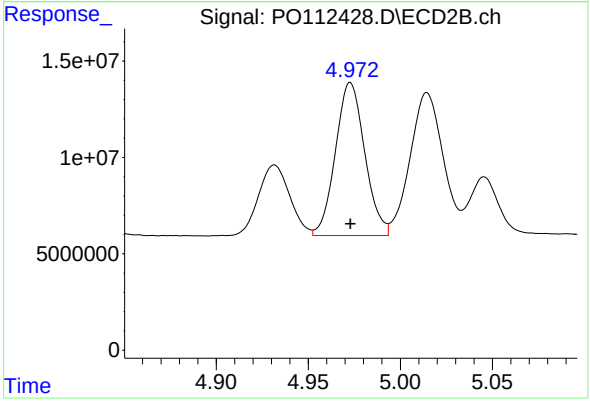
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 63417693
Conc: 500.00 ng/ml



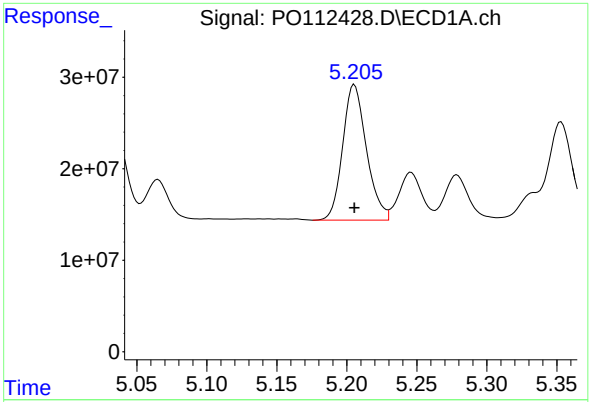
#22 AR-1248-2

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 135286464
Conc: 500.00 ng/ml



#22 AR-1248-2

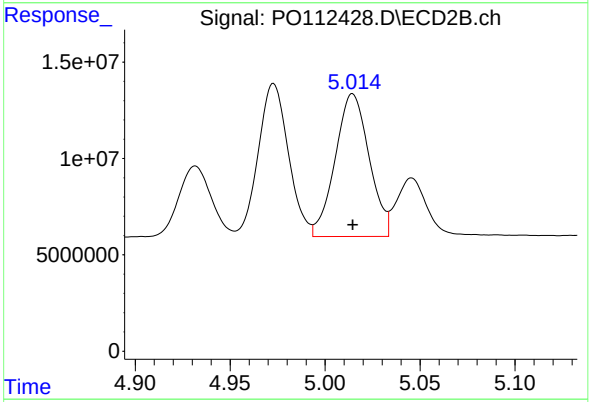
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 87923157
Conc: 500.00 ng/ml



#23 AR-1248-3

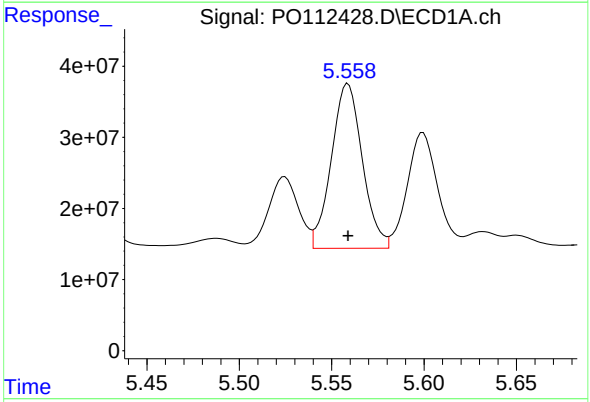
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 175208983
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



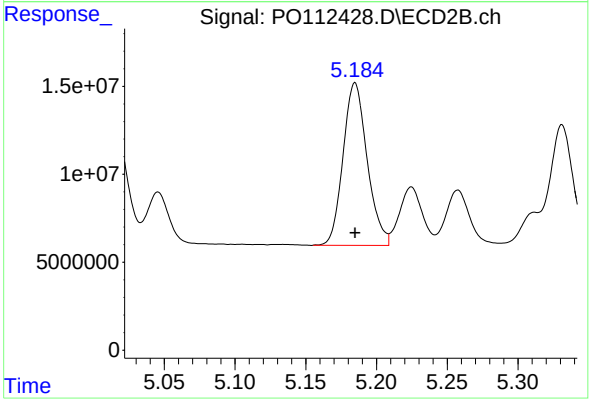
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 92259912
Conc: 500.00 ng/ml



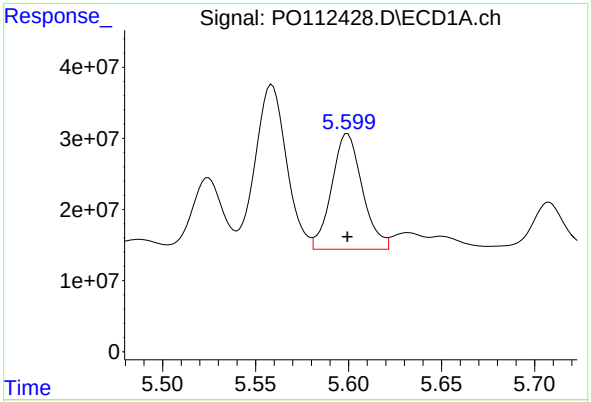
#24 AR-1248-4

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 270274803
Conc: 500.00 ng/ml



#24 AR-1248-4

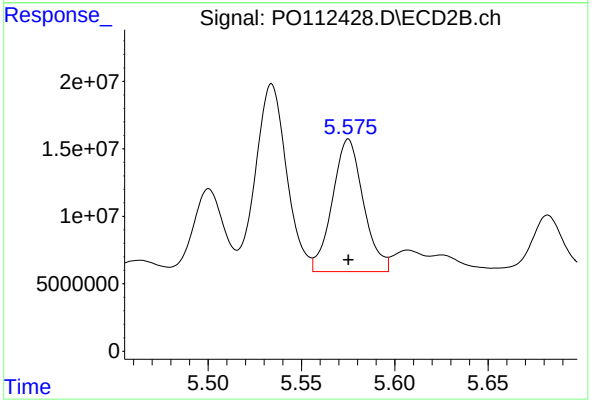
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 109571190
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 187168960
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 113716877
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:07
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: Jul 23 17:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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...	3.670	3.663	233.9E6	140.7E6	25.451	25.528
2)	SA Decachlor...	8.695	8.641	206.6E6	49551581	25.466	25.949
	Target Compounds						
21)	L5 AR-1248-1	4.756	4.738	50861384	33005549	259.321	265.423
22)	L5 AR-1248-2	4.994	4.974	69688118	46341566	259.932	267.919
23)	L5 AR-1248-3	5.208	5.016	91080155	48518478	262.621	266.773
24)	L5 AR-1248-4	5.561	5.186	140.9E6	57393073	264.543	266.380
25)	L5 AR-1248-5	5.602	5.576	98123360	60708613	265.809	271.777

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

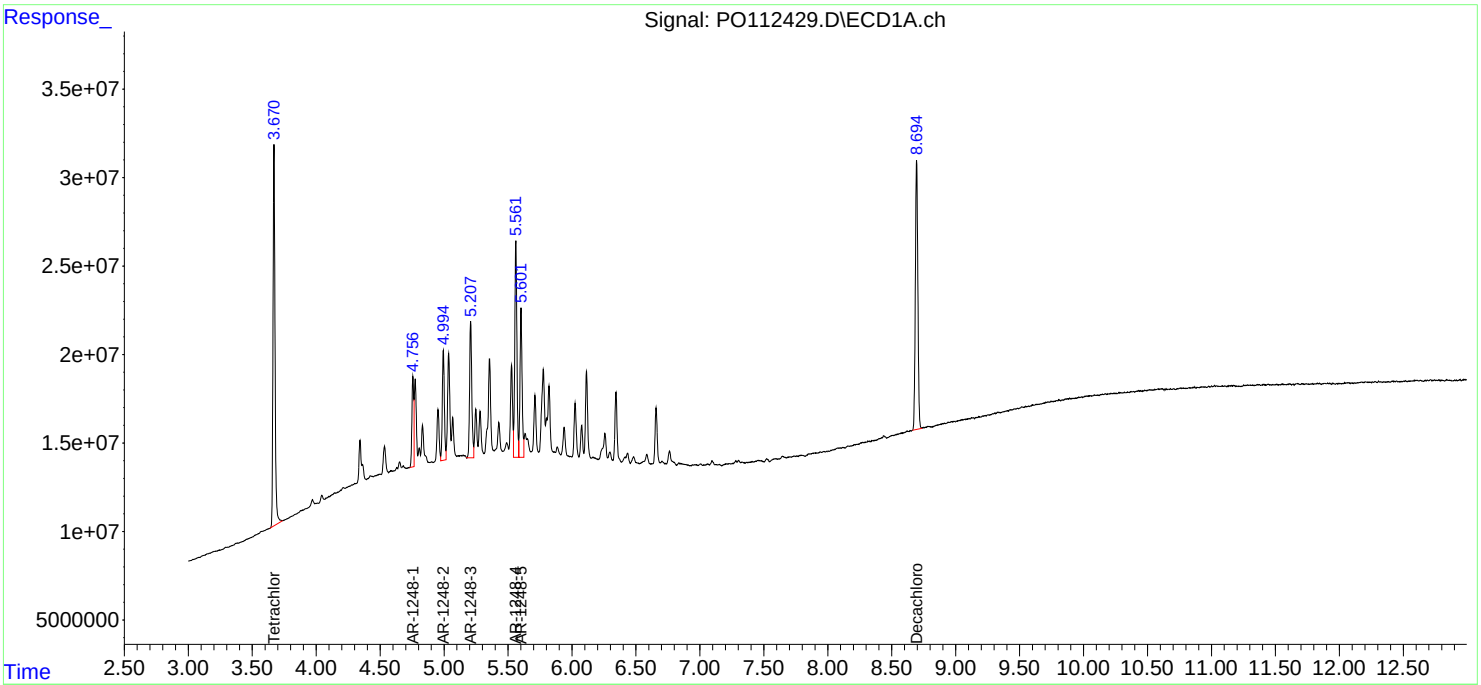
ICAL Form

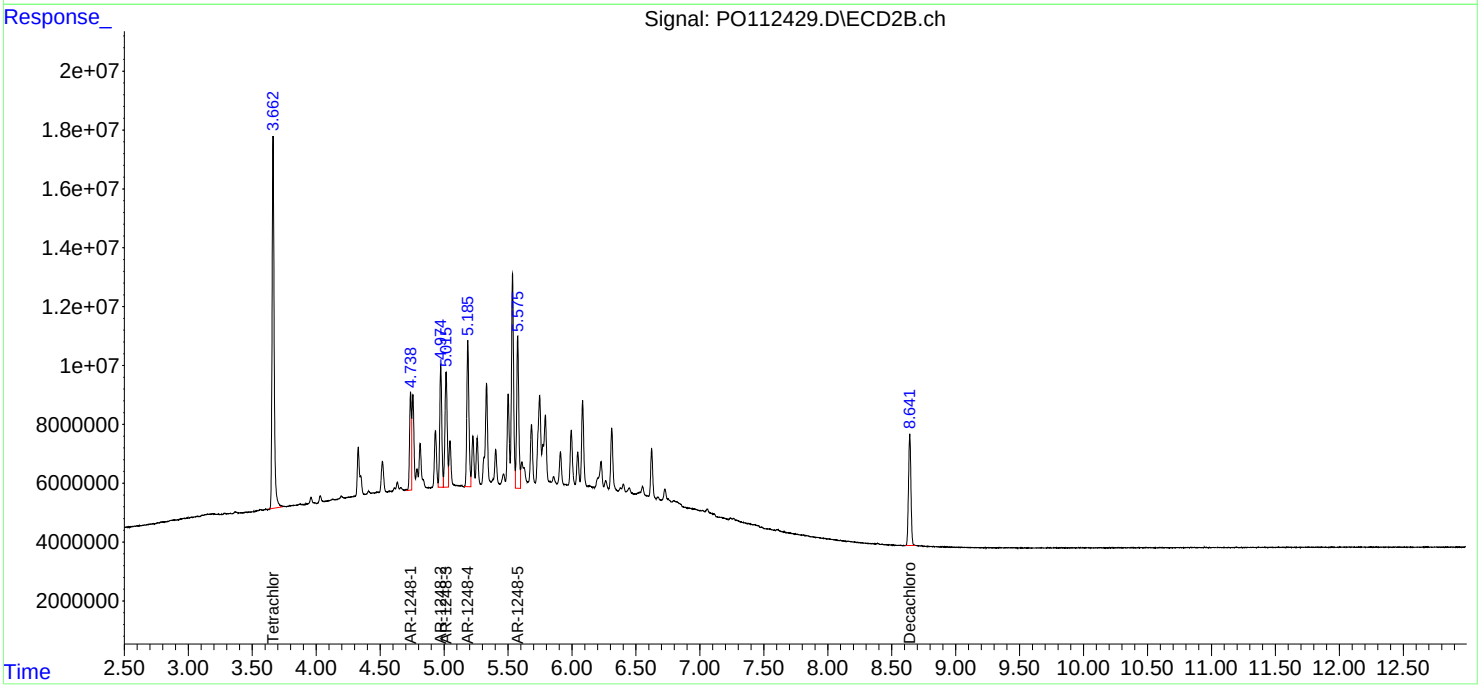
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:07
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

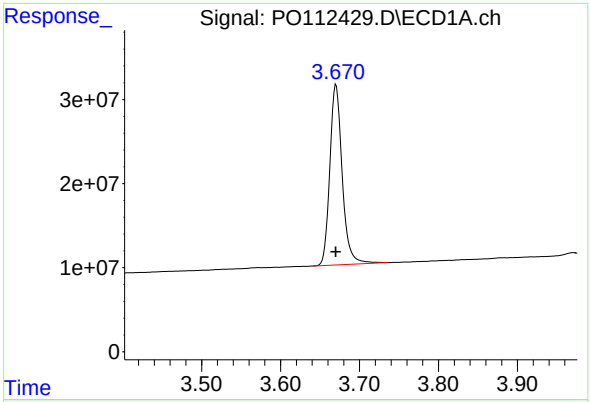
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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



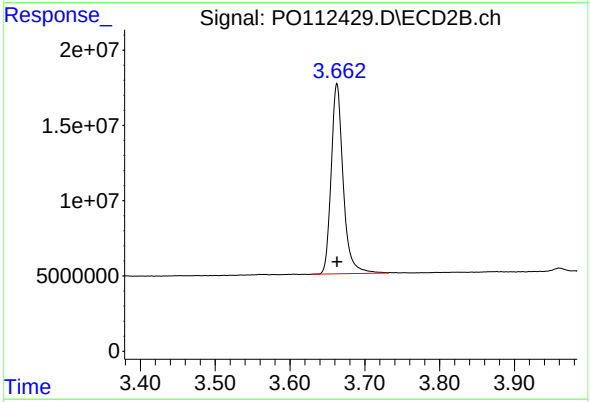




#1 Tetrachloro-m-xylene

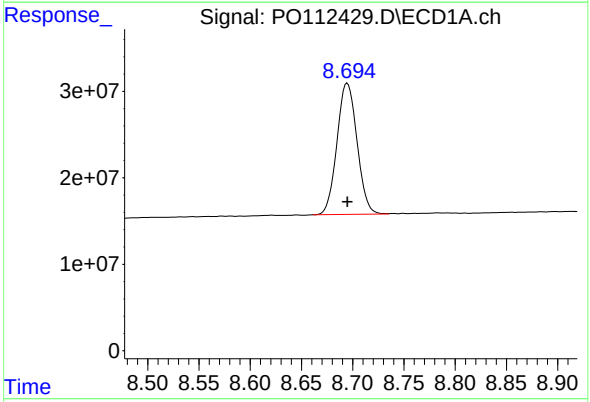
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 233933554
Conc: 25.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



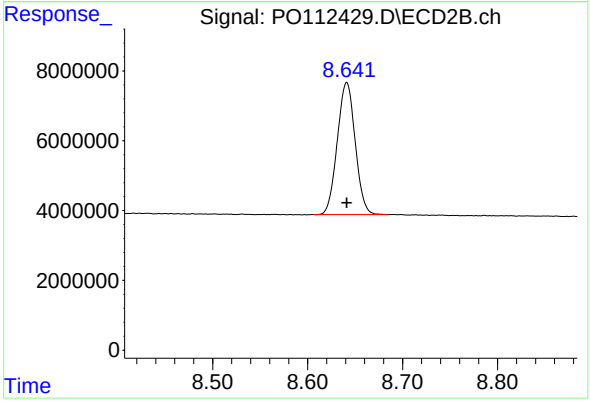
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 140747213
Conc: 25.53 ng/ml



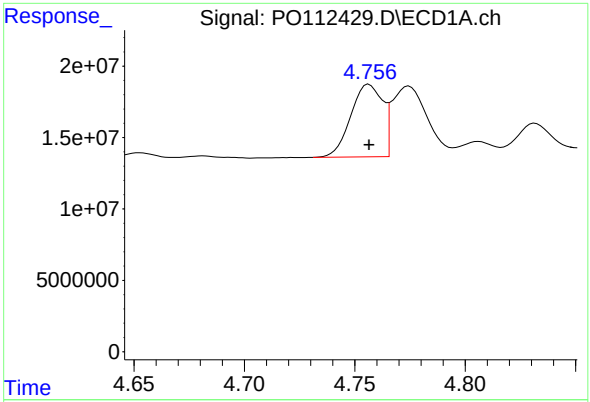
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 206552013
Conc: 25.47 ng/ml



#2 Decachlorobiphenyl

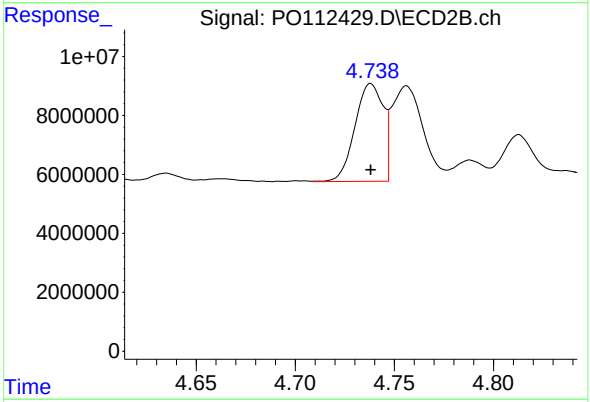
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 49551581
Conc: 25.95 ng/ml



#21 AR-1248-1

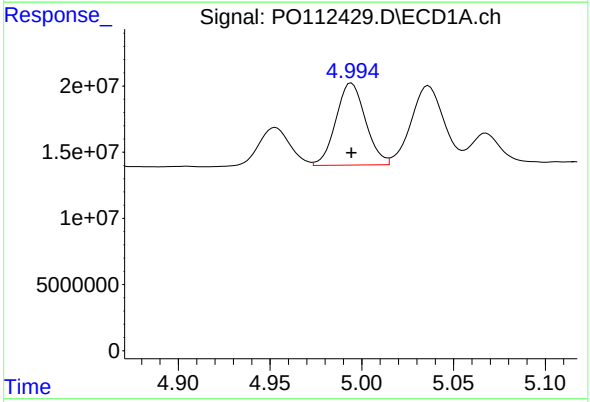
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 50861384
Conc: 259.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



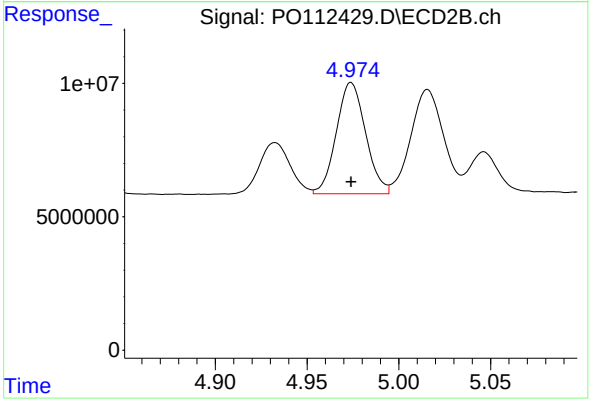
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 33005549
Conc: 265.42 ng/ml



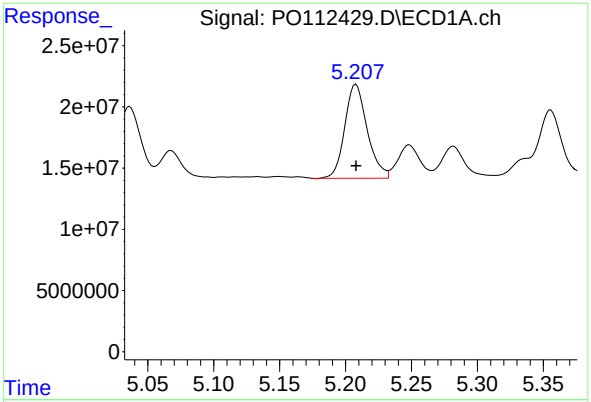
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 69688118
Conc: 259.93 ng/ml



#22 AR-1248-2

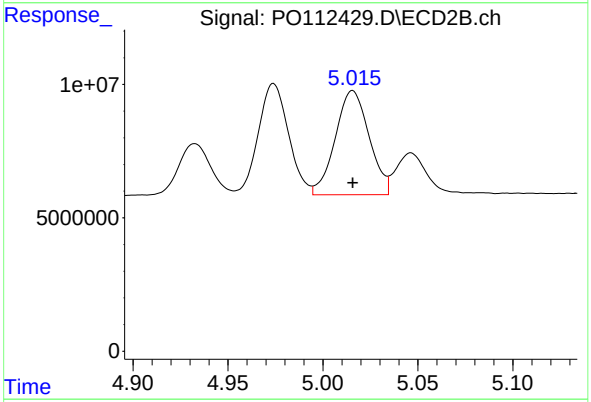
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 46341566
Conc: 267.92 ng/ml



#23 AR-1248-3

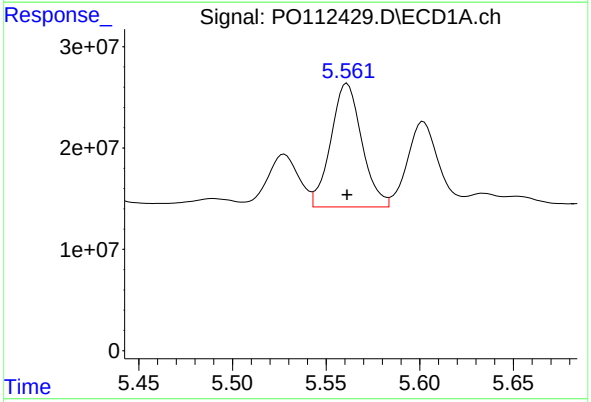
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 91080155
Conc: 262.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



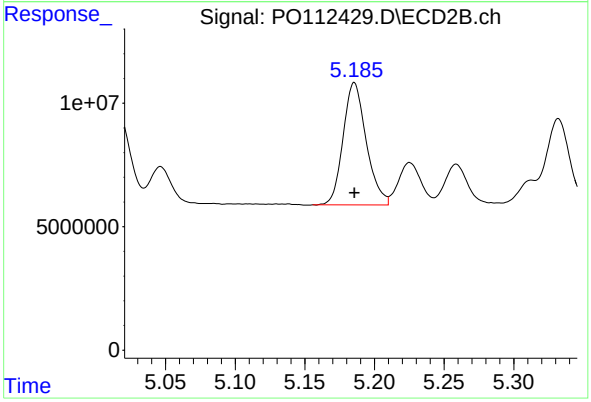
#23 AR-1248-3

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 48518478
Conc: 266.77 ng/ml



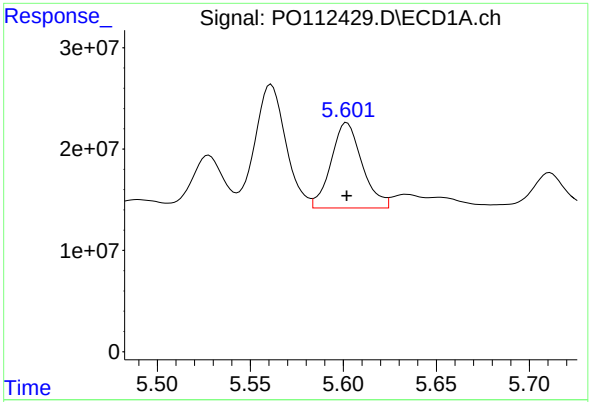
#24 AR-1248-4

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 140936473
Conc: 264.54 ng/ml



#24 AR-1248-4

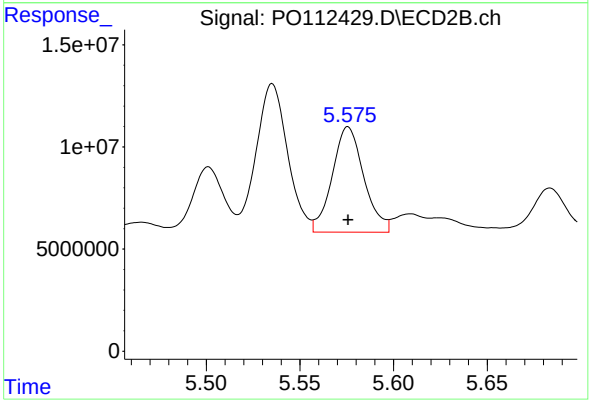
R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 57393073
Conc: 266.38 ng/ml



#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 98123360
Conc: 265.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 60708613
Conc: 271.78 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:25
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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...	3.670	3.662	32837807	20886754	3.789	3.981
2)	SA Decachlor...	8.694	8.641	30716372	7585110	3.980	4.142
	Target Compounds						
21)	L5 AR-1248-1	4.757	4.738	7575656	5507226	40.466	45.323
22)	L5 AR-1248-2	4.995	4.973	10157901	7726264	39.817	45.642
23)	L5 AR-1248-3	5.208	5.015	16562795	8037448	48.190	45.244
24)	L5 AR-1248-4	5.561	5.185	20468723	8997535	40.302m	43.063m
25)	L5 AR-1248-5	5.602	5.575	13567669	9015964	38.853m	41.910m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:25
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

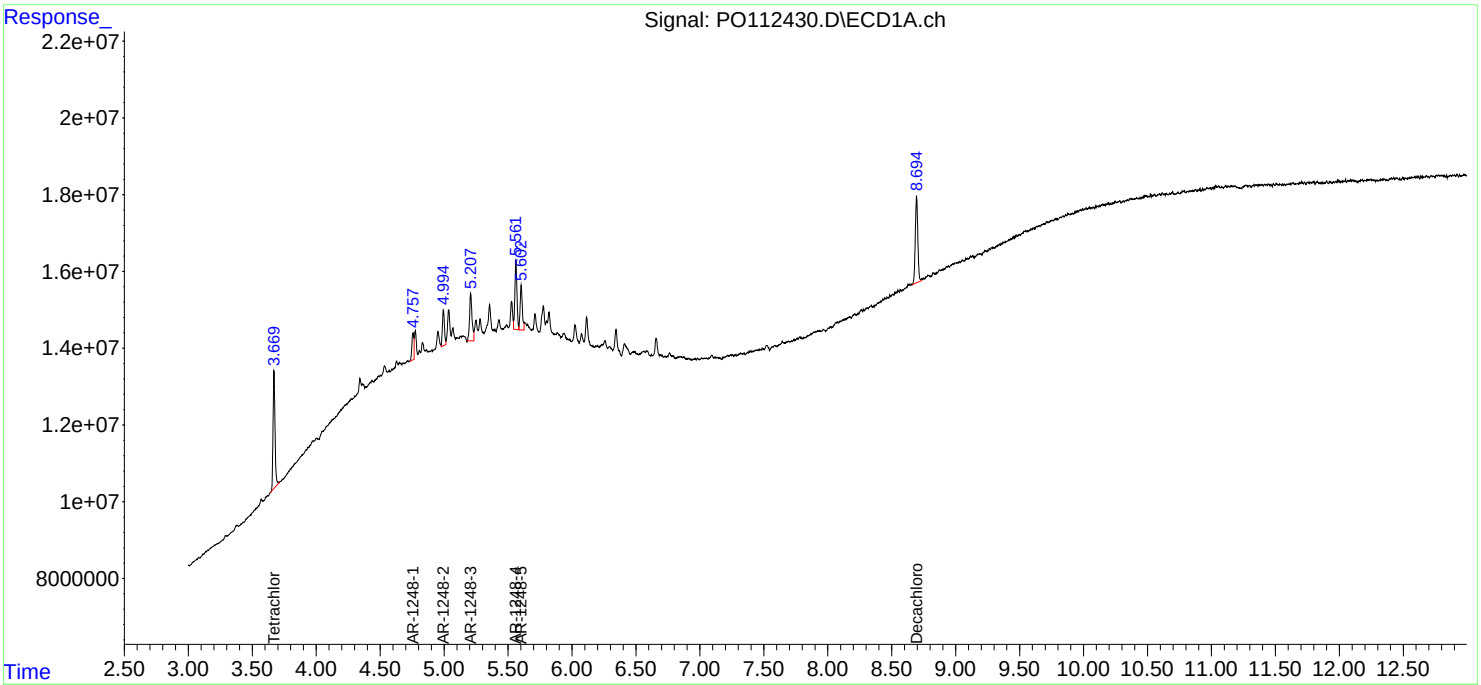
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

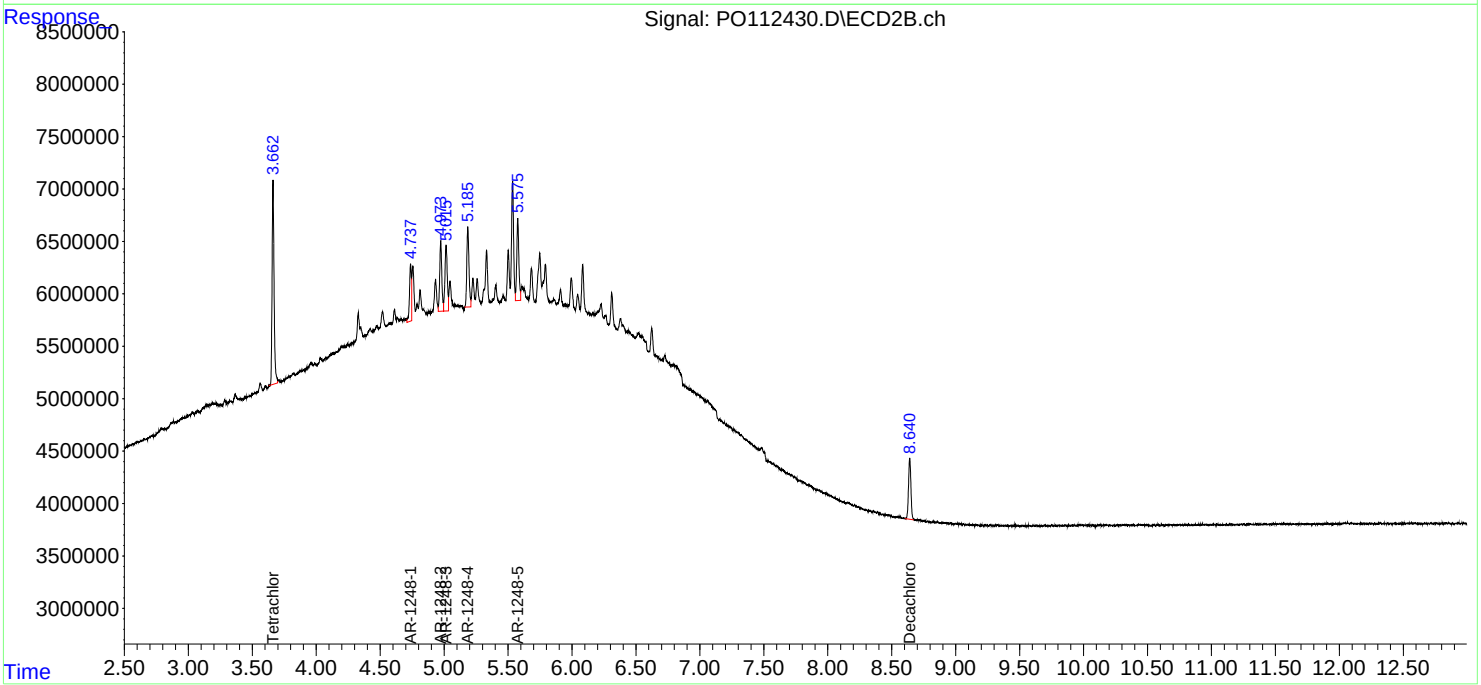
Manual Integrations APPROVED

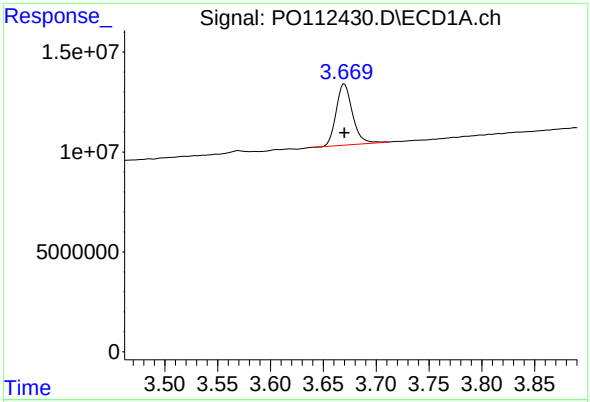
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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







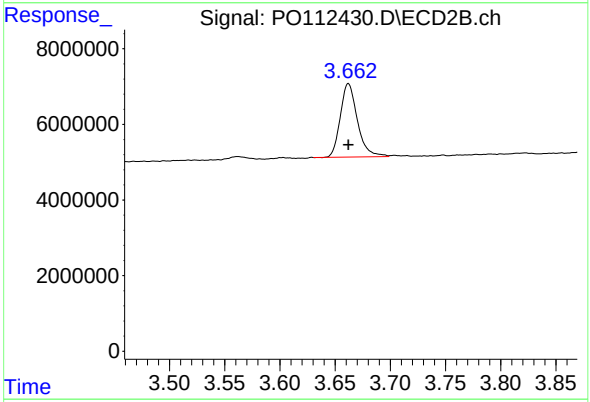
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 32837807
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

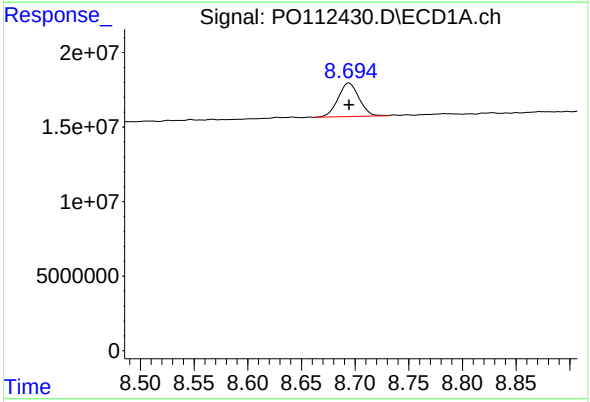
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



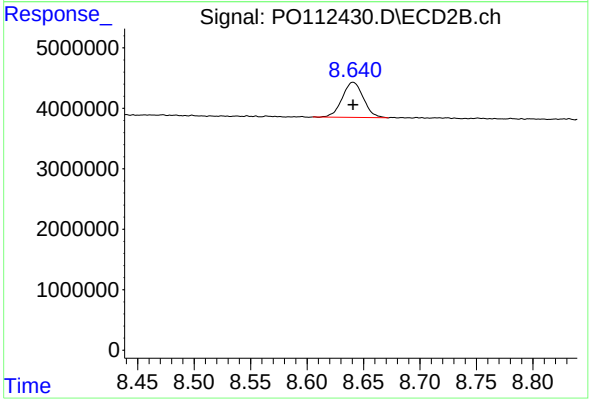
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 20886754
Conc: 3.98 ng/ml



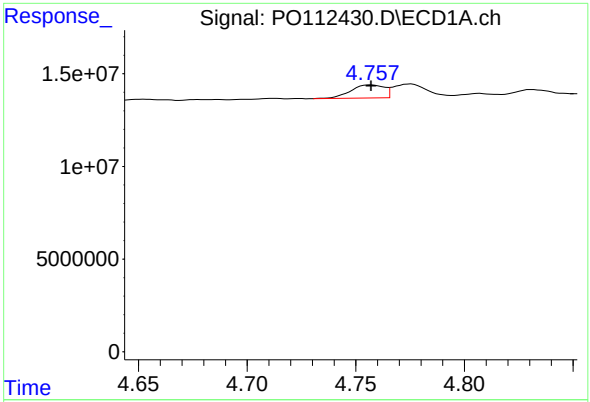
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 30716372
Conc: 3.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 7585110
Conc: 4.14 ng/ml



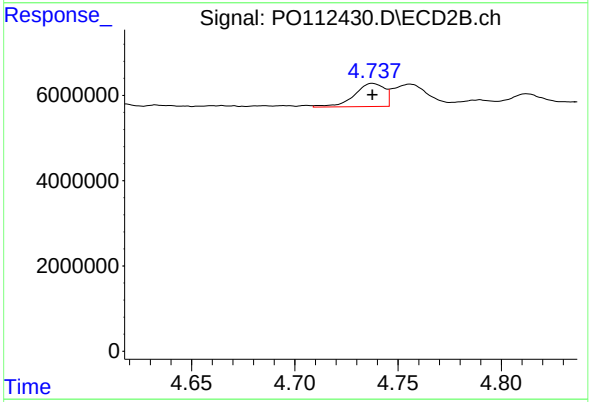
#21 AR-1248-1

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 7575656
Conc: 40.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

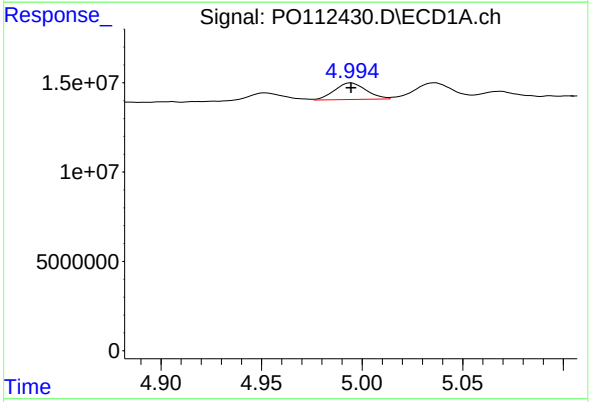
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



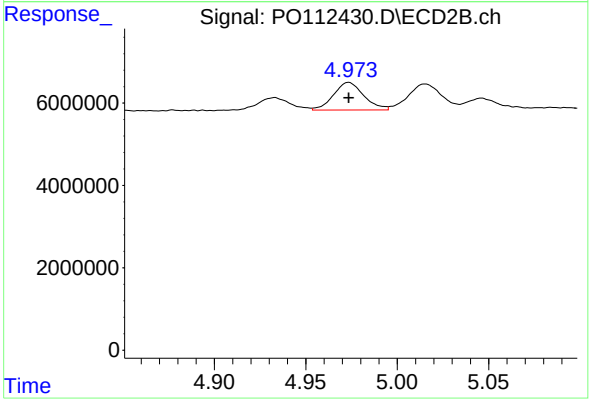
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 5507226
Conc: 45.32 ng/ml



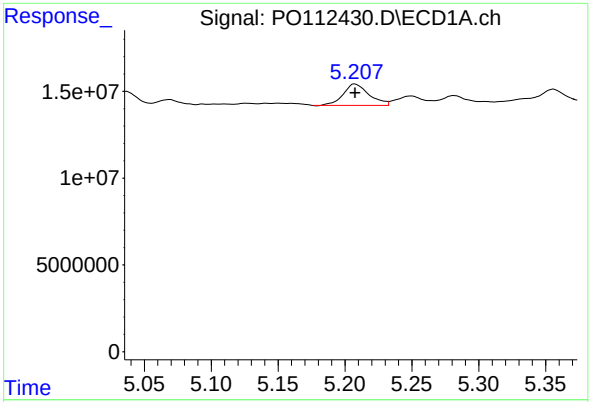
#22 AR-1248-2

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 10157901
Conc: 39.82 ng/ml



#22 AR-1248-2

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 7726264
Conc: 45.64 ng/ml



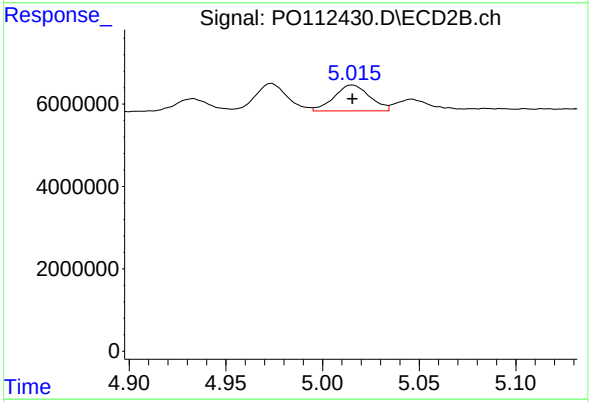
#23 AR-1248-3

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 16562795
Conc: 48.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

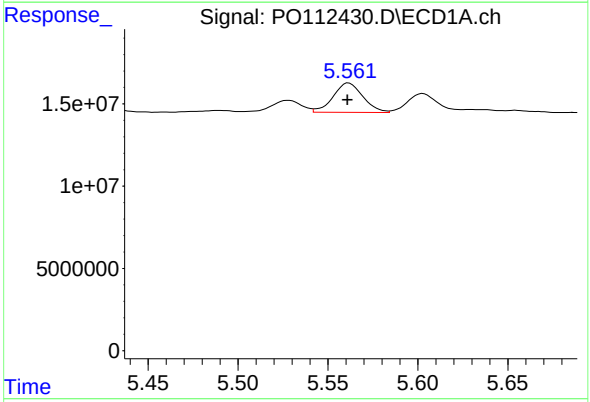
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



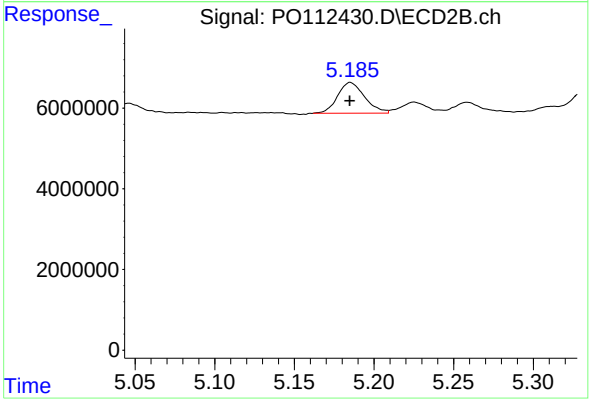
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 8037448
Conc: 45.24 ng/ml



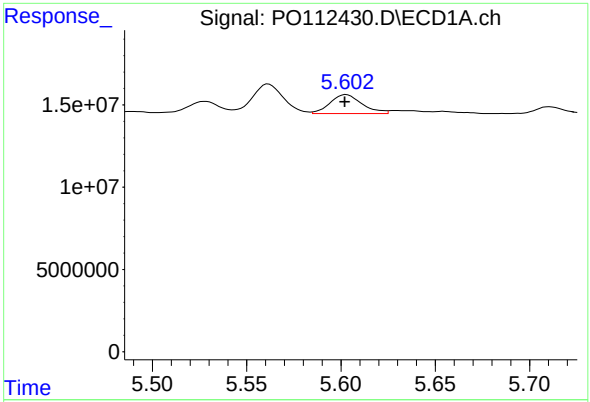
#24 AR-1248-4

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 20468723
Conc: 40.30 ng/ml m



#24 AR-1248-4

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 8997535
Conc: 43.06 ng/ml m



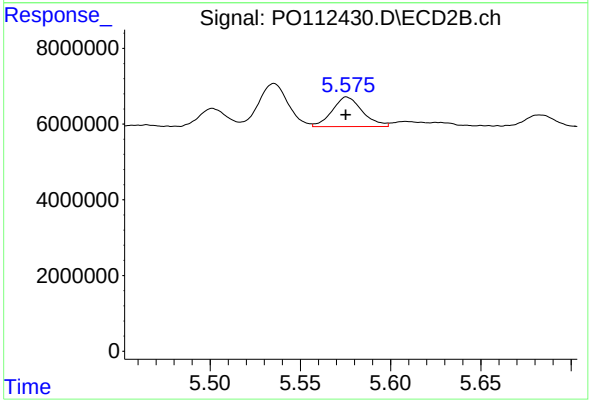
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 13567669
Conc: 38.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



#25 AR-1248-5

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 9015964
Conc: 41.91 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:44
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: Jul 23 18:03:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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...	3.670	3.663	847.8E6	513.5E6	96.903	97.307
2)	SA Decachlor...	8.694	8.640	781.1E6	179.4E6	98.068	96.847
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.535	525.2E6	308.1E6	960.812	951.975
27)	L6 AR-1254-2	5.710	5.682	467.4E6	269.6E6	964.863	954.131
28)	L6 AR-1254-3	6.114	6.083	736.7E6	411.6E6	972.647	961.979
29)	L6 AR-1254-4	6.343	6.311	537.3E6	257.0E6	969.374	958.799
30)	L6 AR-1254-5	6.762	6.727	713.2E6	324.9E6	982.240	968.098

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

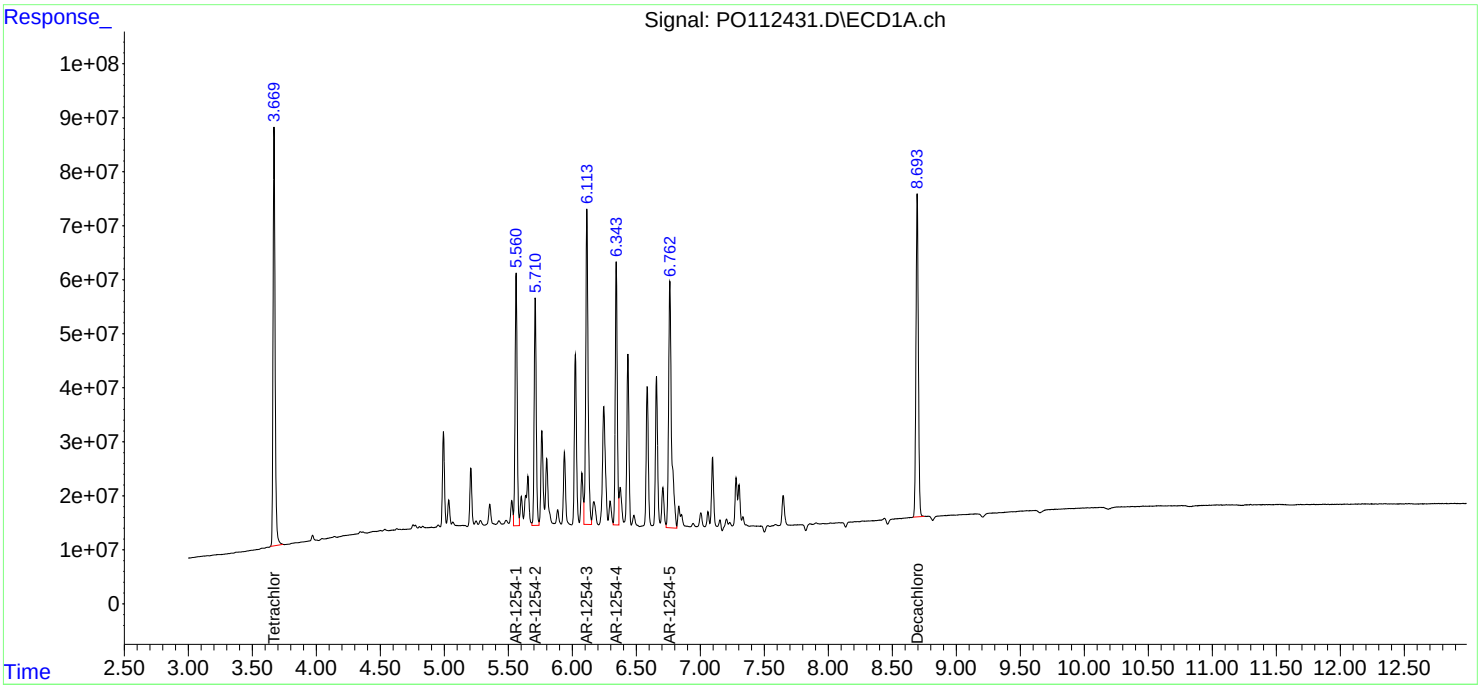
ICAL Form

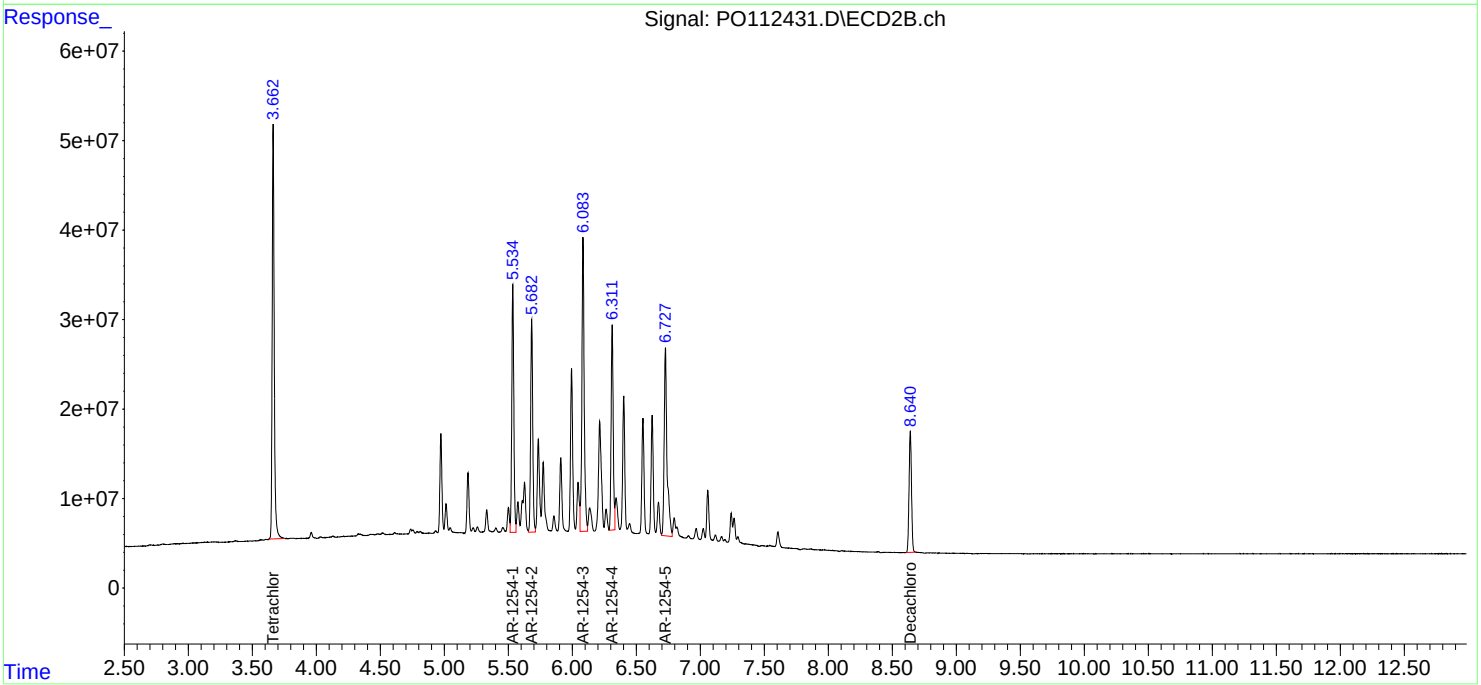
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:44
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

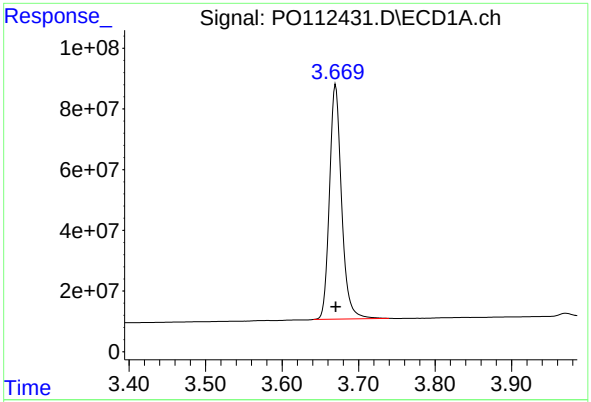
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:03:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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



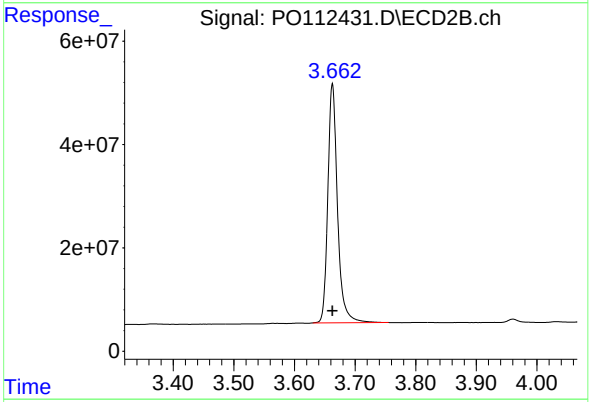




#1 Tetrachloro-m-xylene

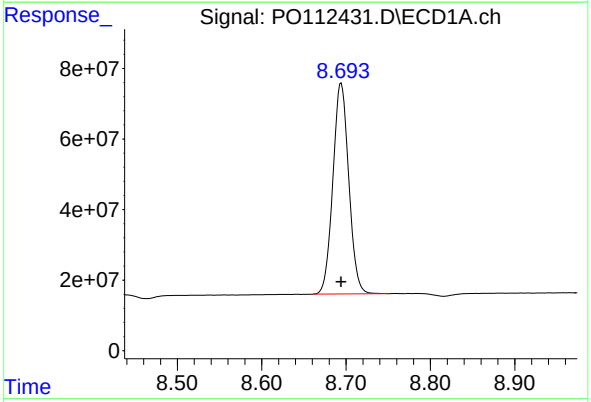
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 847789375
Conc: 96.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



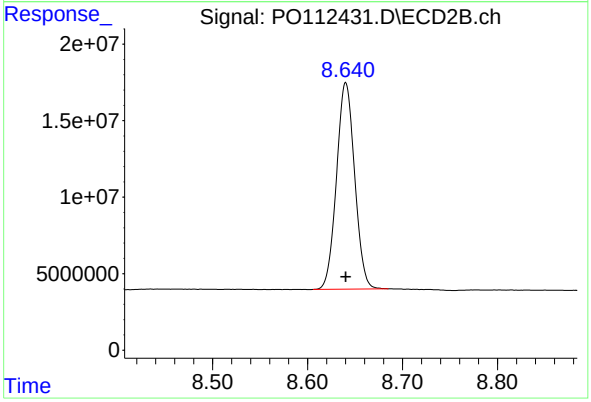
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 513532188
Conc: 97.31 ng/ml



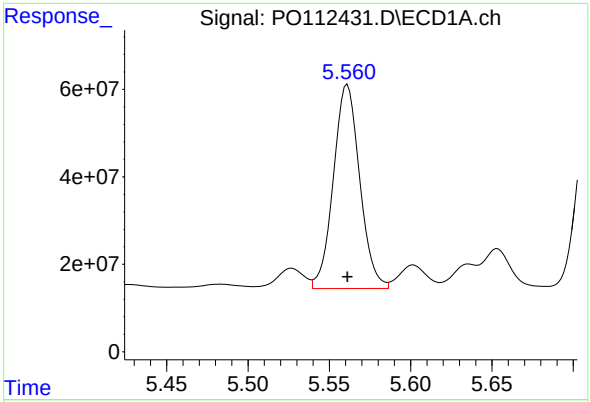
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 781064411
Conc: 98.07 ng/ml



#2 Decachlorobiphenyl

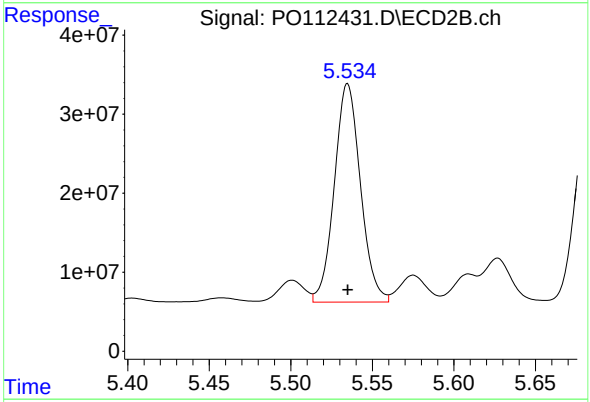
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 179406564
Conc: 96.85 ng/ml



#26 AR-1254-1

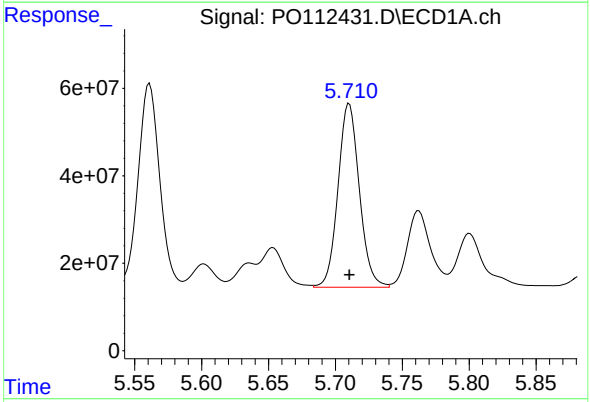
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 525205609
Conc: 960.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



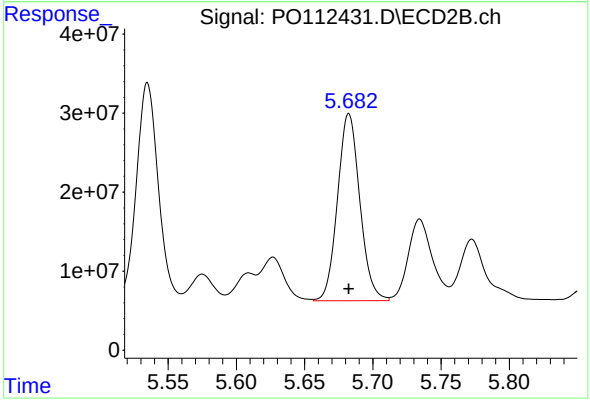
#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 308086628
Conc: 951.98 ng/ml



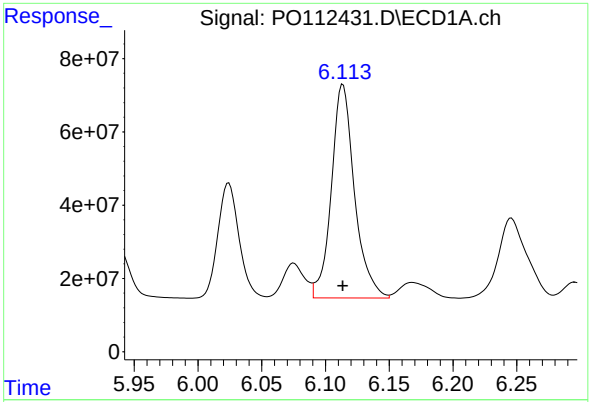
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 467389736
Conc: 964.86 ng/ml



#27 AR-1254-2

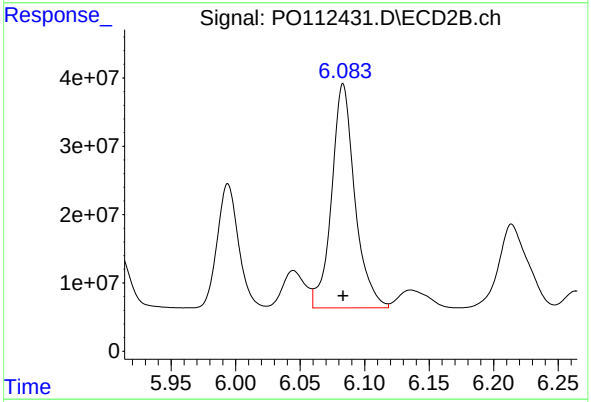
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 269579969
Conc: 954.13 ng/ml



#28 AR-1254-3

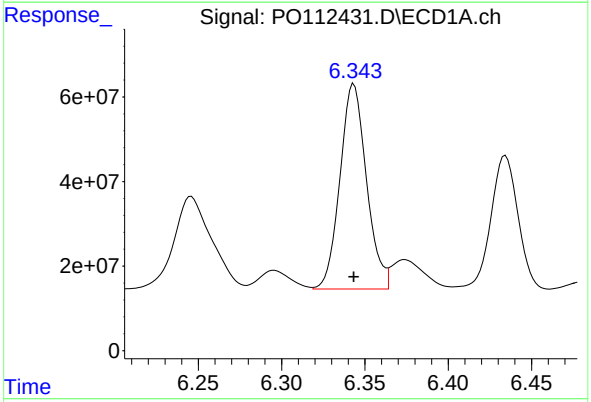
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 736681841
Conc: 972.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



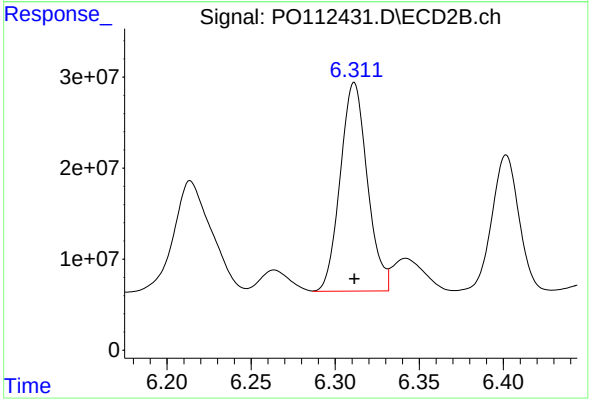
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 411643535
Conc: 961.98 ng/ml



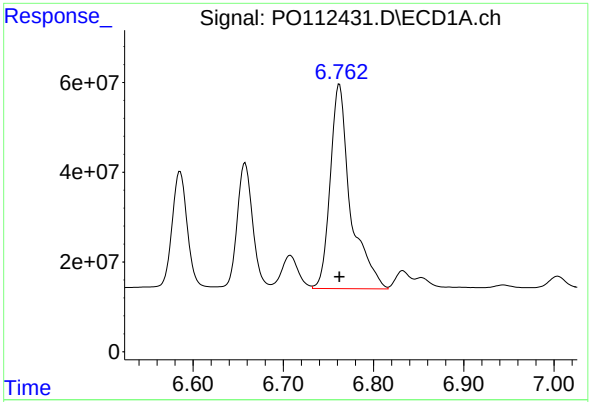
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 537295054
Conc: 969.37 ng/ml



#29 AR-1254-4

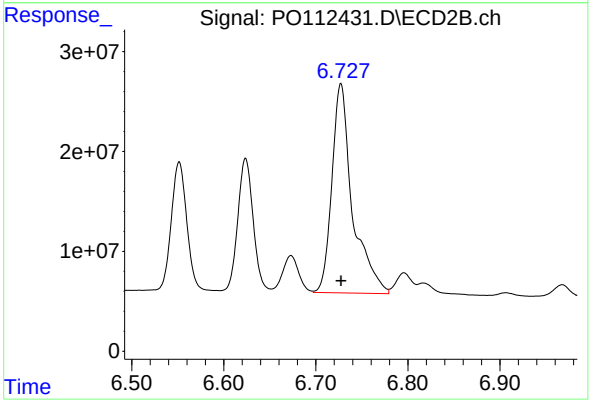
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 256982627
Conc: 958.80 ng/ml



#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 713157717
Conc: 982.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 324913084
Conc: 968.10 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:02
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: Jul 23 18:06:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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...	3.670	3.662	669.7E6	400.5E6	76.021	75.593
2)	SA Decachlor...	8.694	8.640	599.1E6	140.4E6	75.148	75.529
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.535	413.9E6	243.4E6	754.780	751.497
27)	L6 AR-1254-2	5.710	5.683	367.7E6	212.6E6	756.007	751.562
28)	L6 AR-1254-3	6.113	6.084	574.0E6	320.7E6	755.243	749.688
29)	L6 AR-1254-4	6.343	6.311	420.4E6	202.4E6	755.625	753.323
30)	L6 AR-1254-5	6.762	6.728	547.0E6	250.4E6	752.271	747.398

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

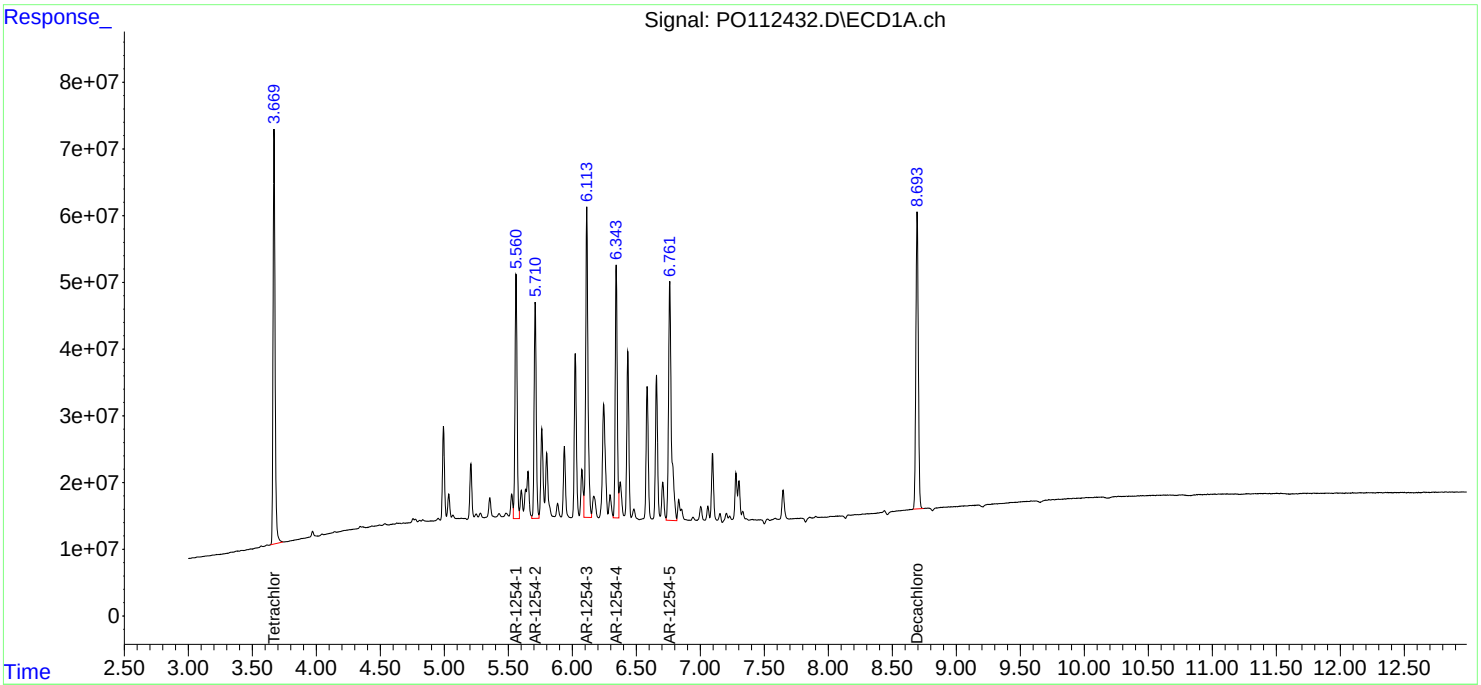
ICAL Form

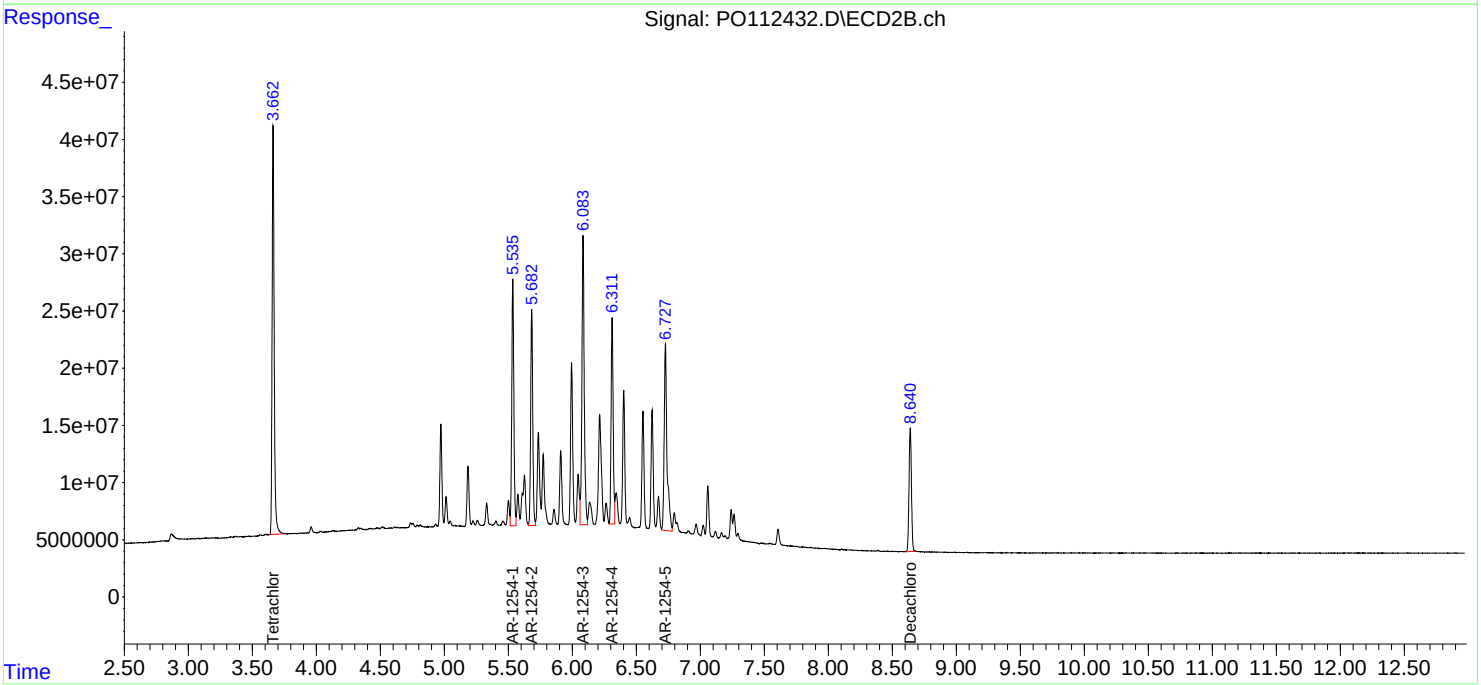
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:02
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

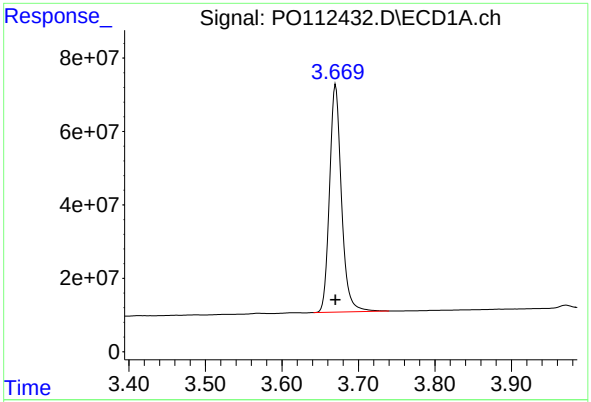
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:06:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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



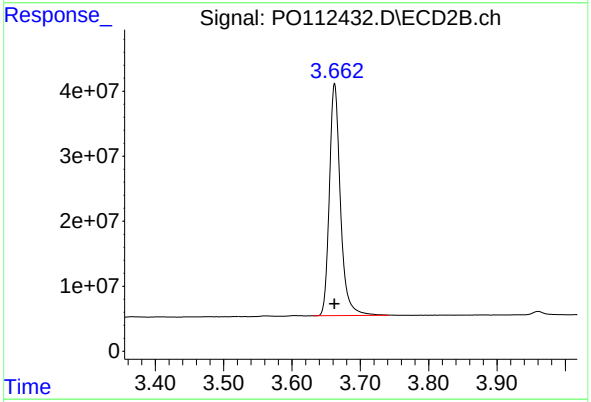




#1 Tetrachloro-m-xylene

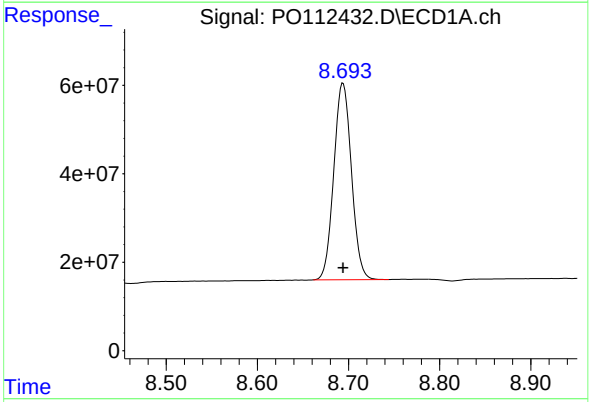
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 669659889
Conc: 76.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



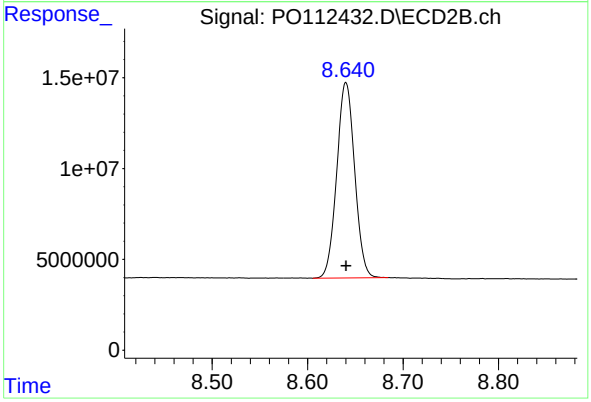
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 400524295
Conc: 75.59 ng/ml



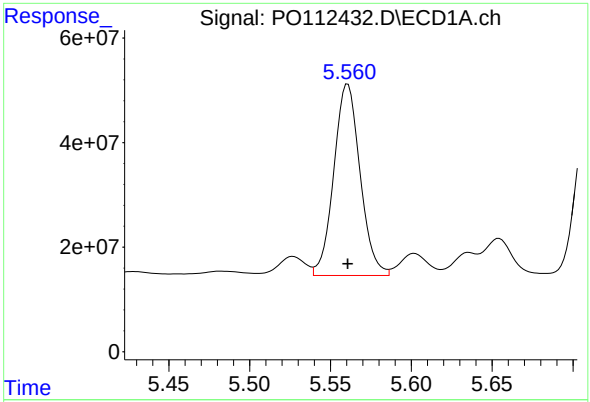
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 599111899
Conc: 75.15 ng/ml



#2 Decachlorobiphenyl

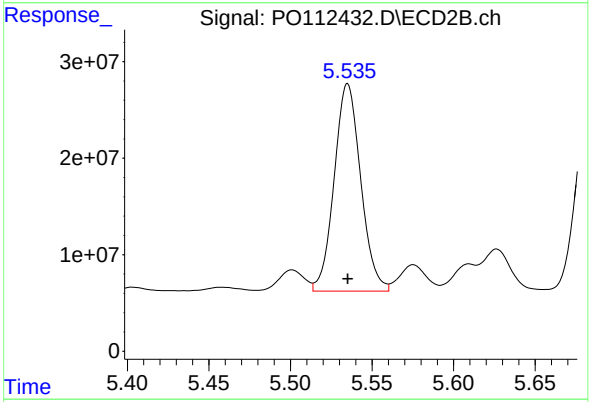
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 140411365
Conc: 75.53 ng/ml



#26 AR-1254-1

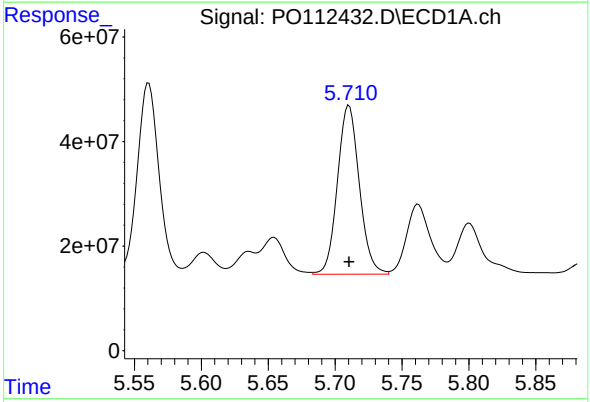
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 413902155
Conc: 754.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



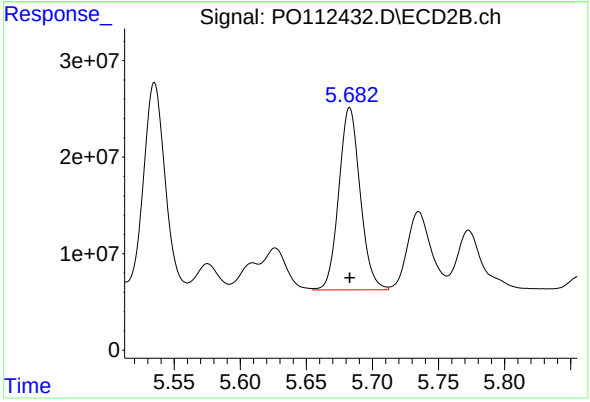
#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 243449246
Conc: 751.50 ng/ml



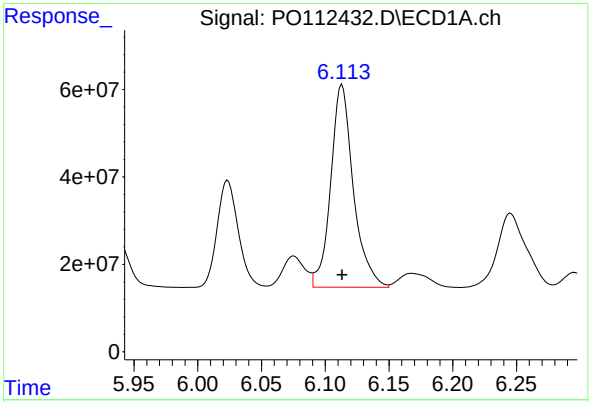
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 367690393
Conc: 756.01 ng/ml



#27 AR-1254-2

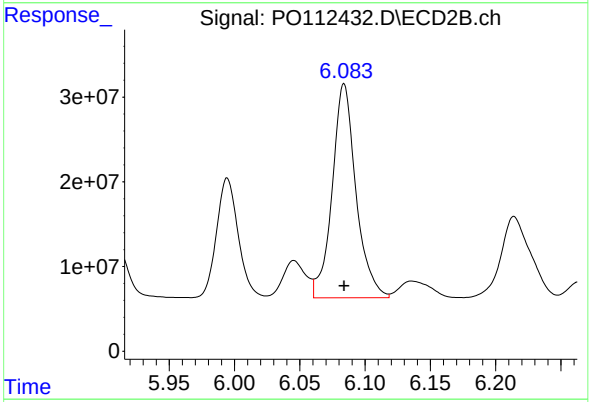
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 212567365
Conc: 751.56 ng/ml



#28 AR-1254-3

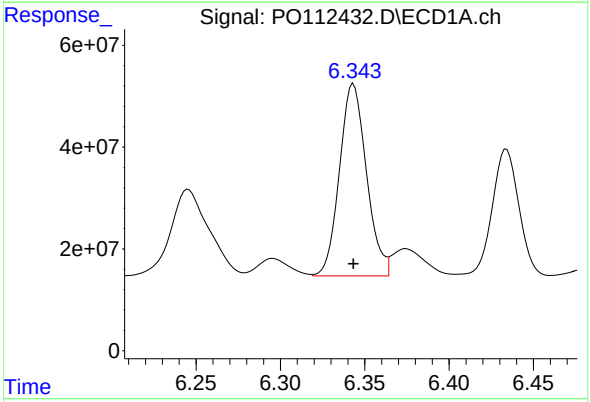
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 574026402
Conc: 755.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



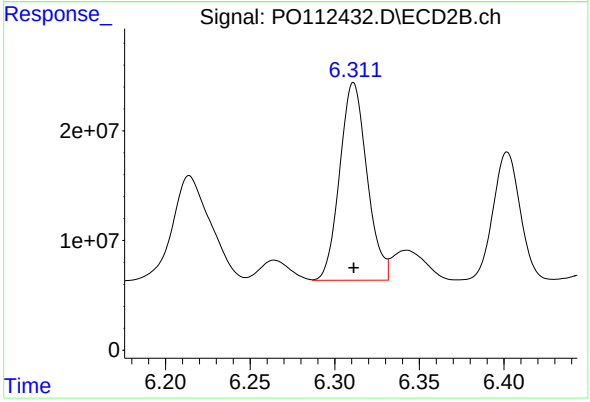
#28 AR-1254-3

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 320734922
Conc: 749.69 ng/ml



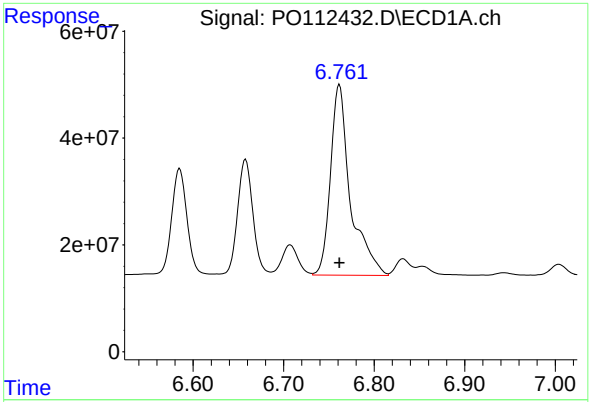
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 420396842
Conc: 755.63 ng/ml



#29 AR-1254-4

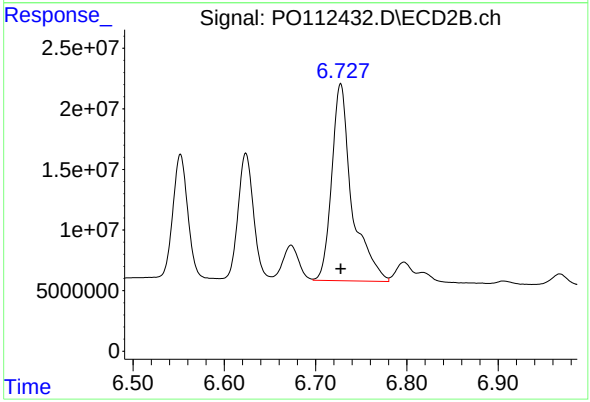
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 202358218
Conc: 753.32 ng/ml



#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 547016738
Conc: 752.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 250407470
Conc: 747.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:21
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: Jul 23 18:00:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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...	3.670	3.663	451.0E6	271.0E6	50.000	50.000
2)	SA Decachlor...	8.695	8.641	405.9E6	95544930	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.535	284.0E6	169.6E6	500.000	500.000
27)	L6 AR-1254-2	5.711	5.683	250.7E6	147.7E6	500.000	500.000
28)	L6 AR-1254-3	6.114	6.084	389.1E6	222.1E6	500.000	500.000
29)	L6 AR-1254-4	6.344	6.311	285.6E6	139.5E6	500.000	500.000
30)	L6 AR-1254-5	6.762	6.727	369.5E6	173.2E6	500.000	500.000

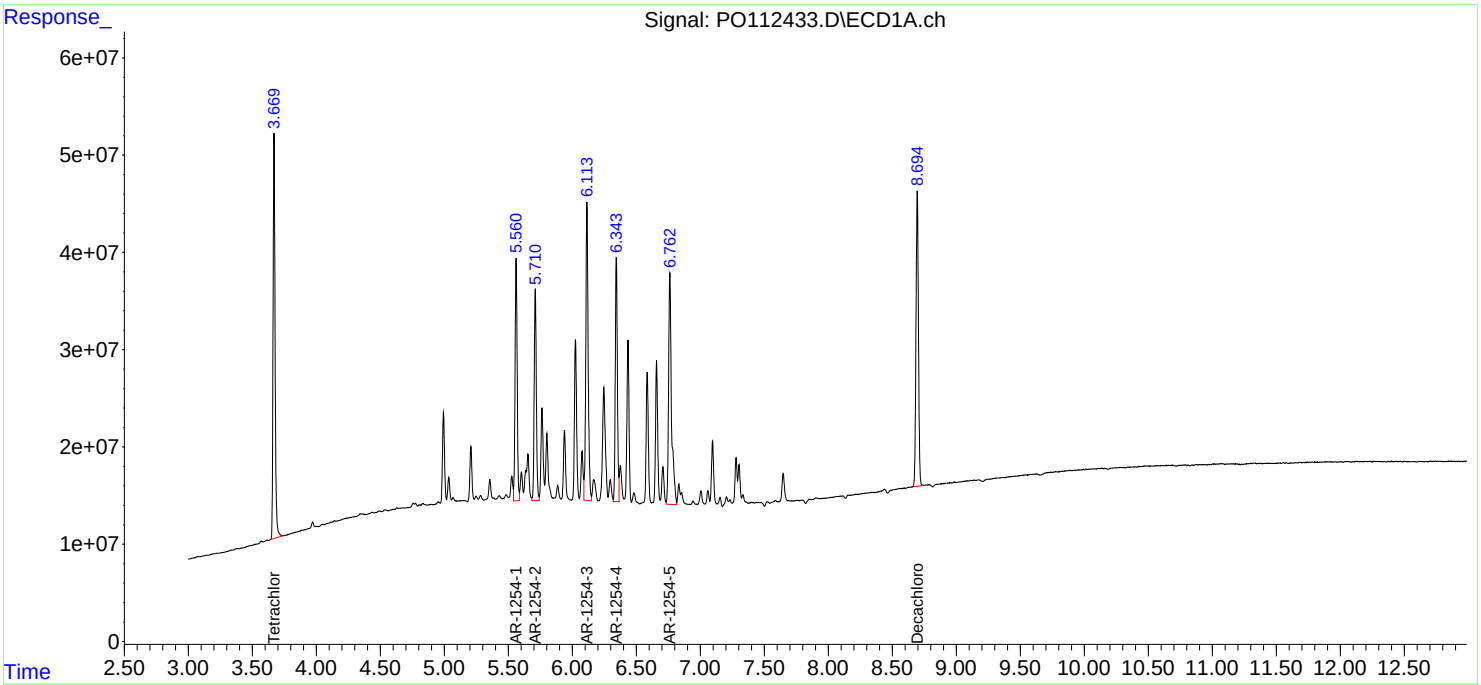
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

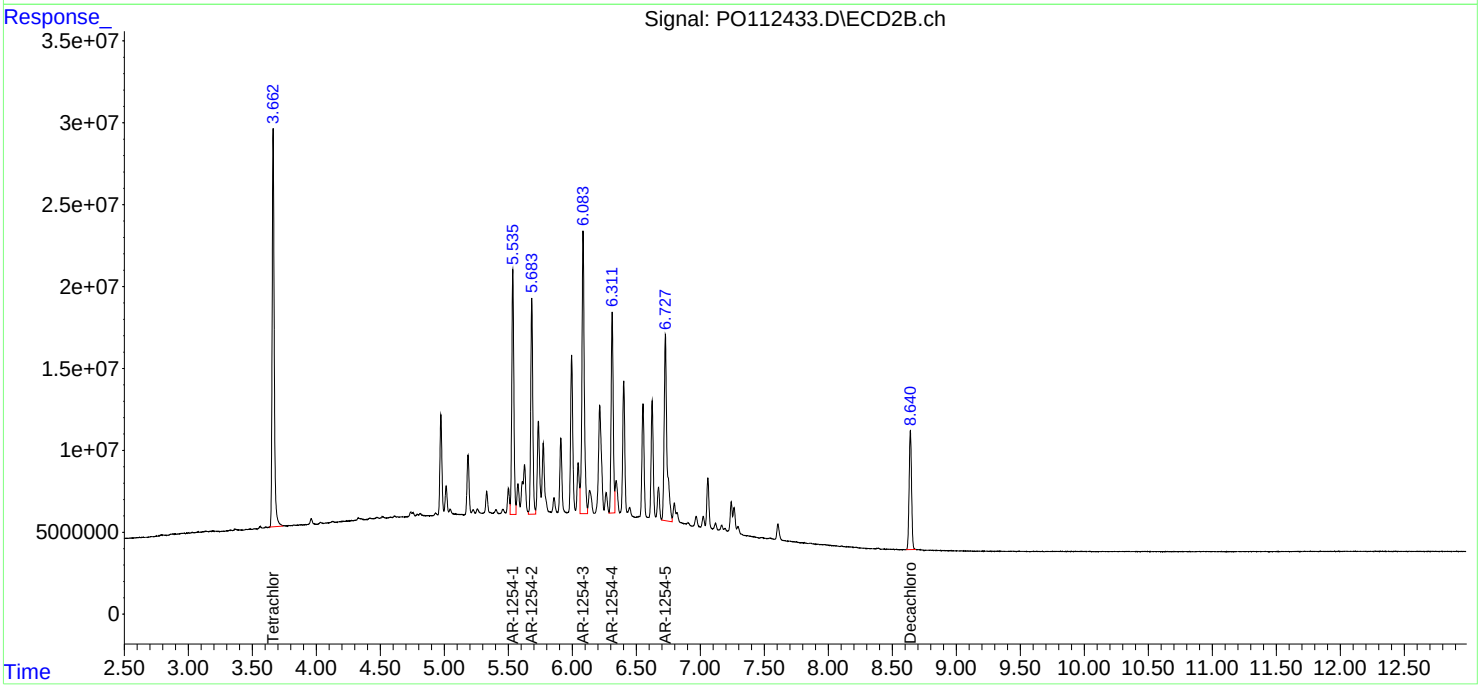
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:21
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

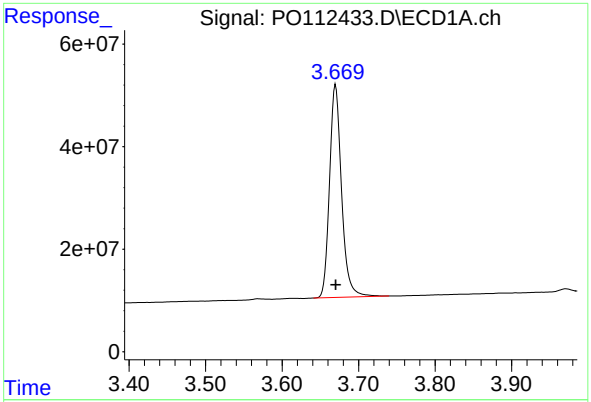
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:00:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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



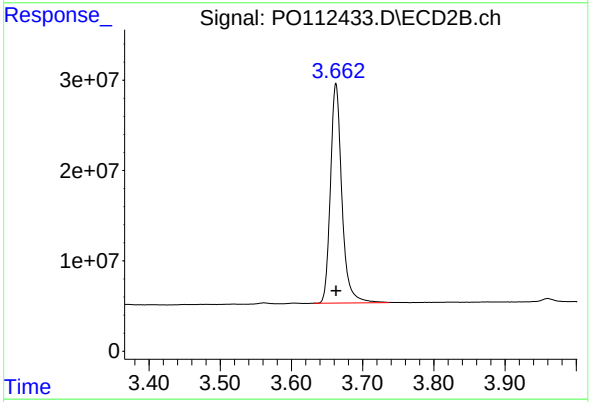




#1 Tetrachloro-m-xylene

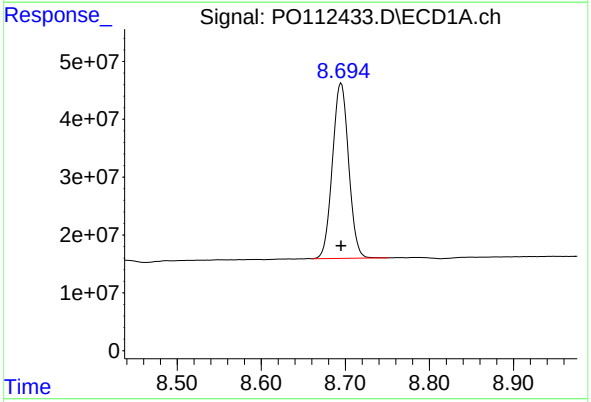
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 450992127
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



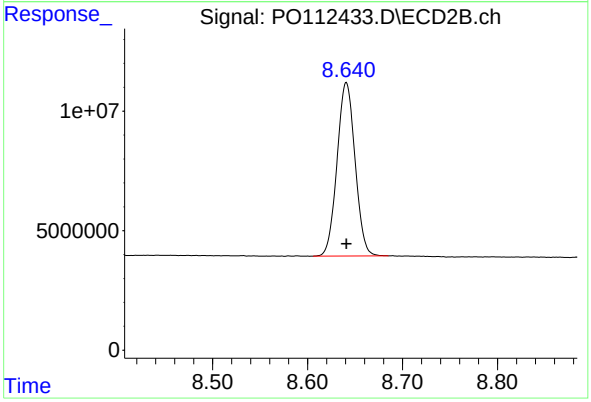
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 270977840
Conc: 50.00 ng/ml



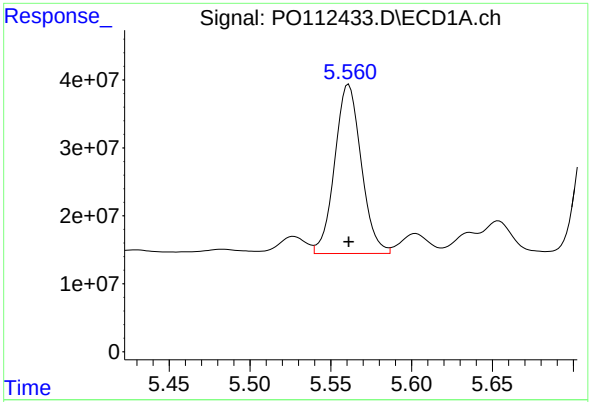
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 405922042
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

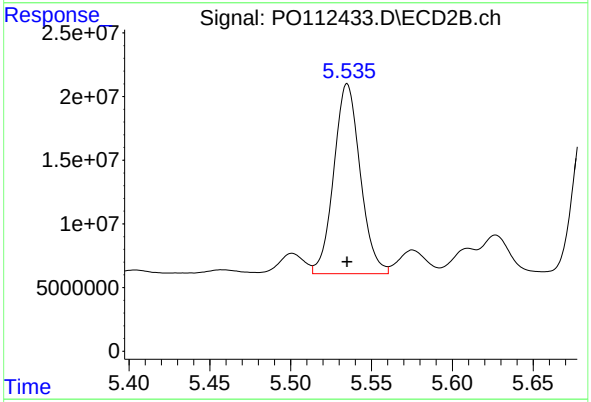
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 95544930
Conc: 50.00 ng/ml



#26 AR-1254-1

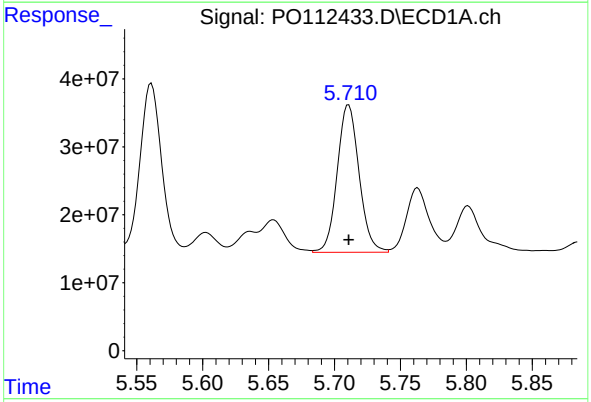
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 284024039
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



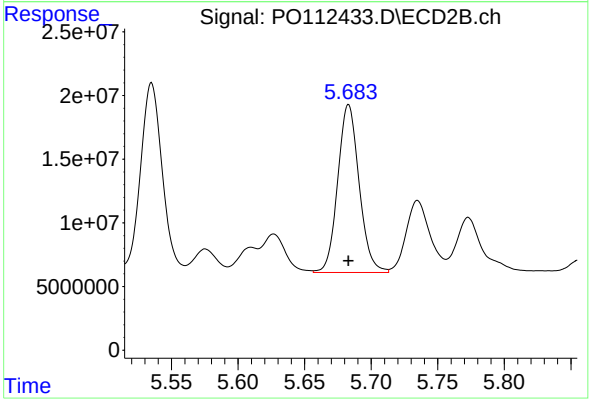
#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 169585574
Conc: 500.00 ng/ml



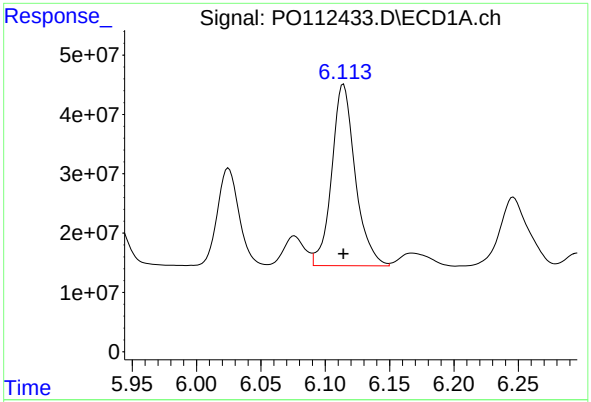
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 250715808
Conc: 500.00 ng/ml



#27 AR-1254-2

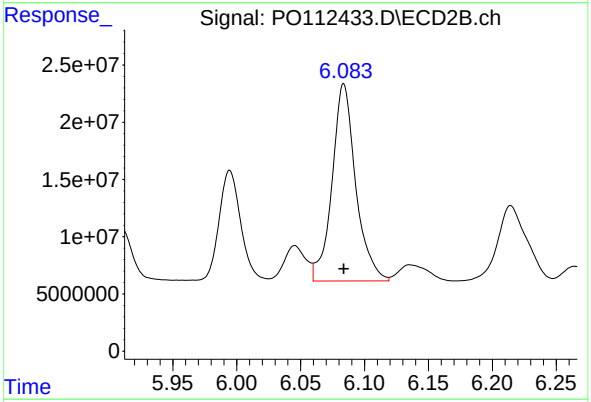
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 147749733
Conc: 500.00 ng/ml



#28 AR-1254-3

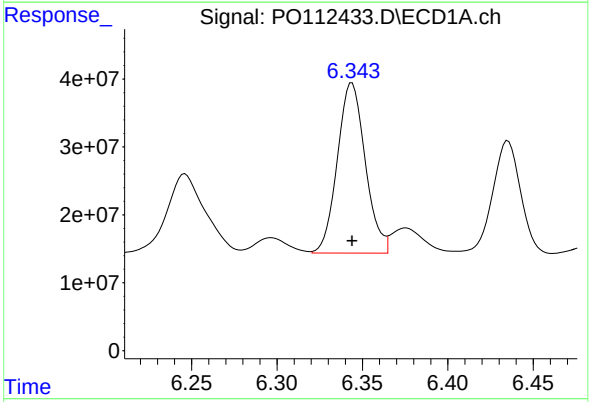
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 389058308
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



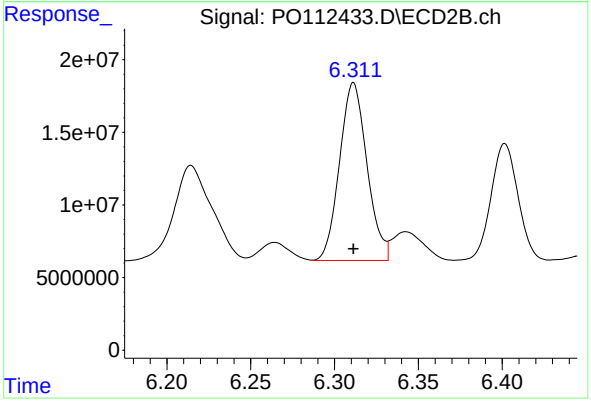
#28 AR-1254-3

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 222091515
Conc: 500.00 ng/ml



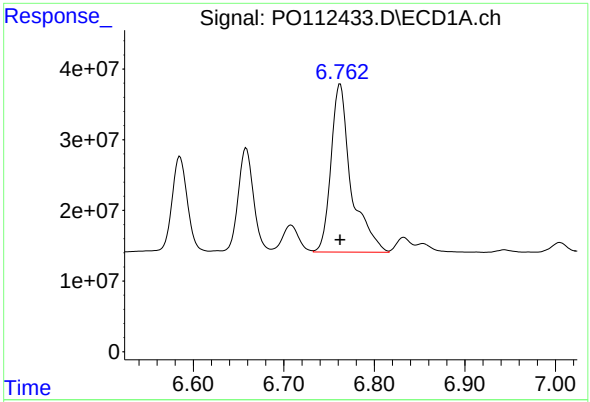
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 285622463
Conc: 500.00 ng/ml



#29 AR-1254-4

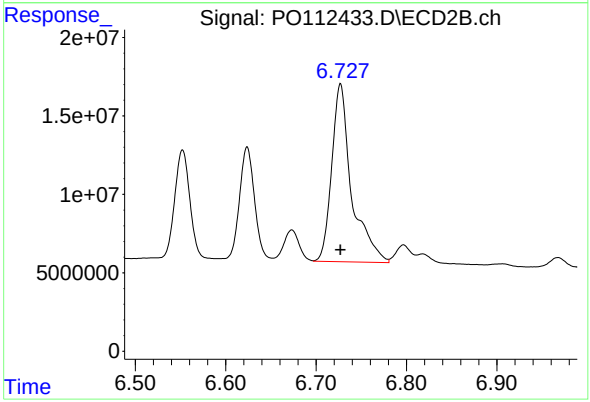
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 139534321
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 369473794
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 173163657
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:39
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: Jul 23 18:10:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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...	3.669	3.662	226.9E6	138.1E6	25.568	25.793
2)	SA Decachlor...	8.694	8.640	201.7E6	48700127	25.228	25.887
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.534	149.8E6	90186516	266.972	270.708
27)	L6 AR-1254-2	5.709	5.682	132.8E6	79565133	266.923	272.772
28)	L6 AR-1254-3	6.113	6.083	197.0E6	115.6E6	256.833	264.830
29)	L6 AR-1254-4	6.343	6.311	143.1E6	71723033	255.366	262.540
30)	L6 AR-1254-5	6.761	6.727	186.0E6	89336234	254.281	262.279

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

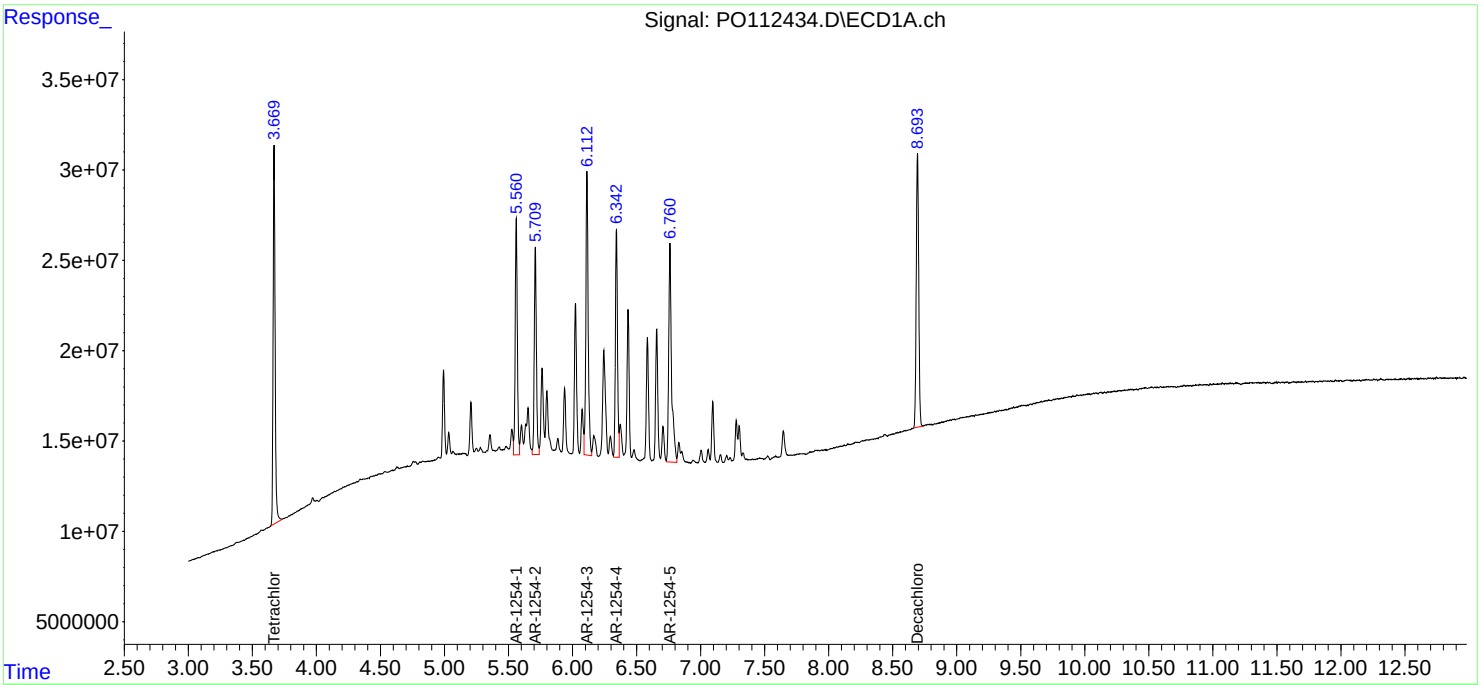
ICAL Form

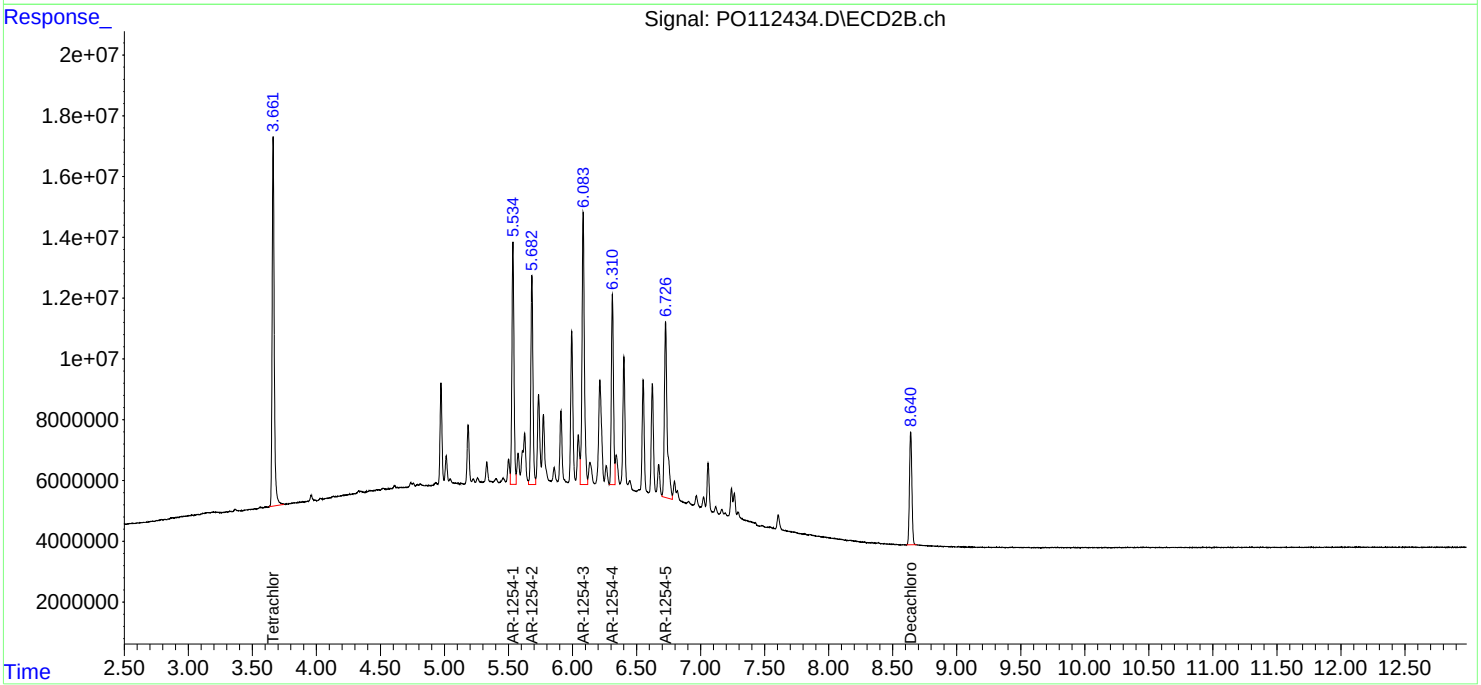
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:39
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

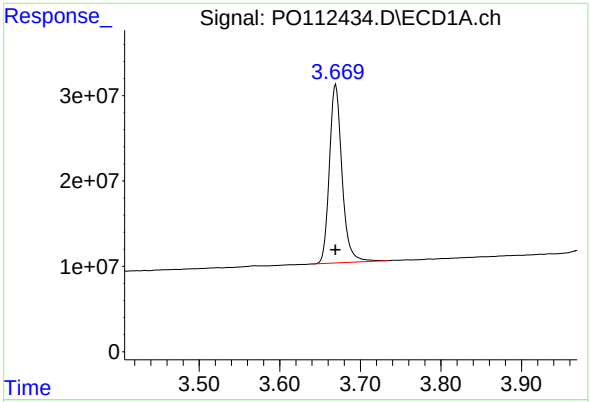
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:10:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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



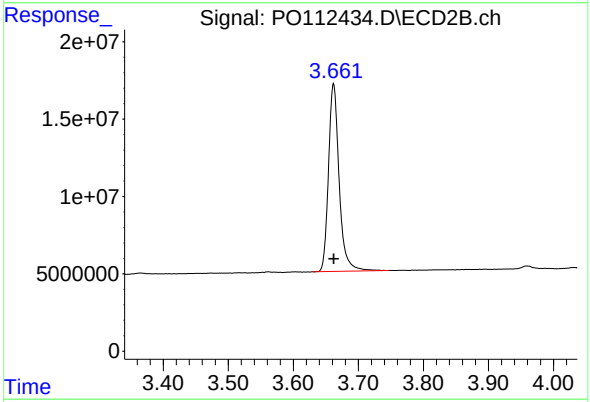




#1 Tetrachloro-m-xylene

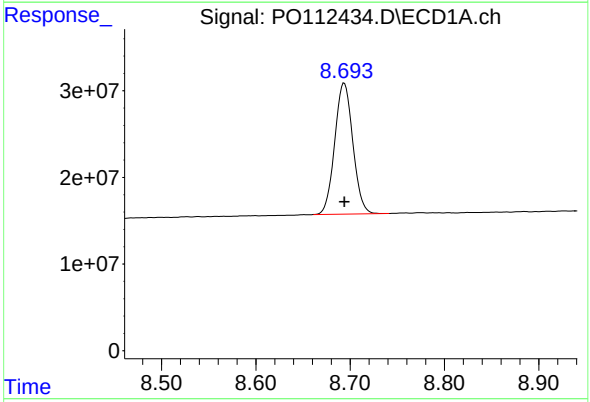
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 226937720
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



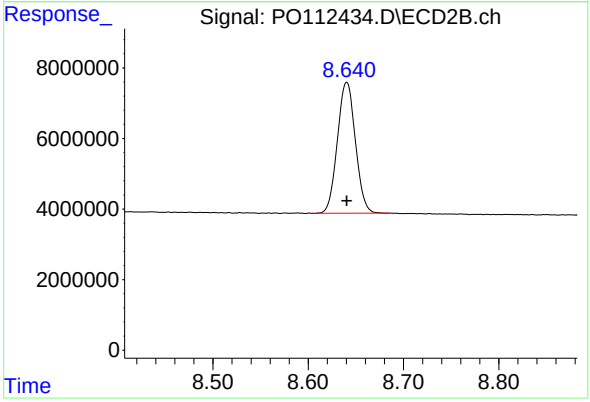
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 138119113
Conc: 25.79 ng/ml



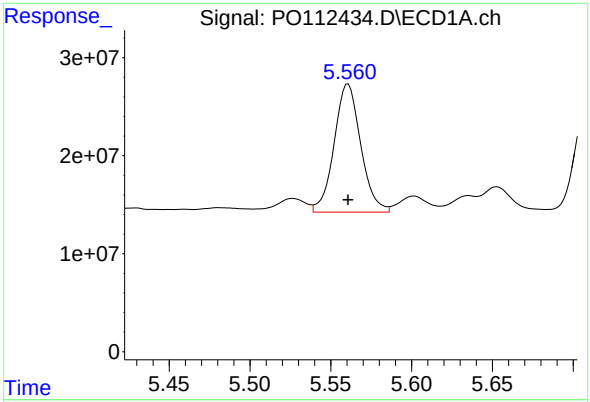
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 201741367
Conc: 25.23 ng/ml



#2 Decachlorobiphenyl

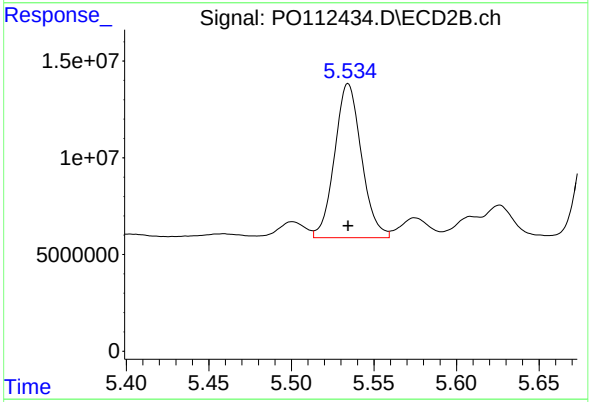
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 48700127
Conc: 25.89 ng/ml



#26 AR-1254-1

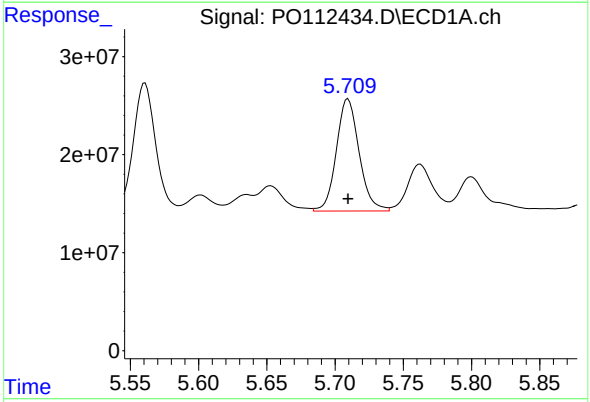
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 149790449
Conc: 266.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



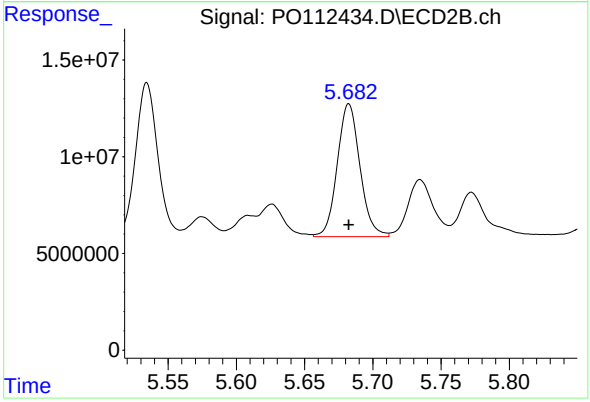
#26 AR-1254-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 90186516
Conc: 270.71 ng/ml



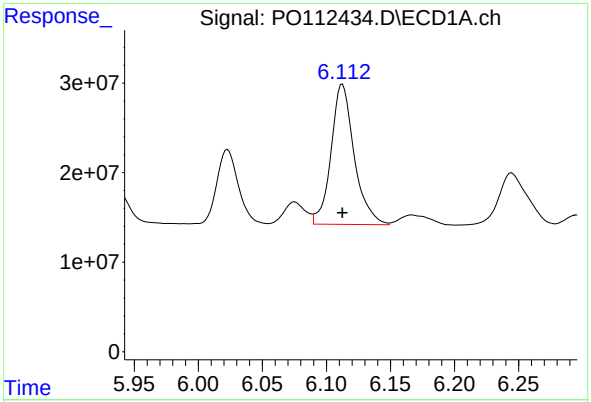
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 132816908
Conc: 266.92 ng/ml



#27 AR-1254-2

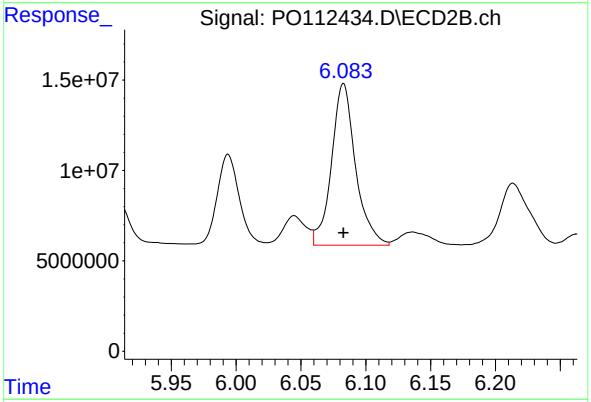
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 79565133
Conc: 272.77 ng/ml



#28 AR-1254-3

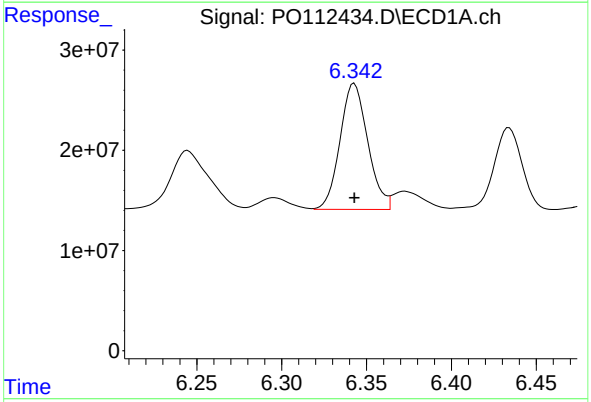
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 197002011
Conc: 256.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



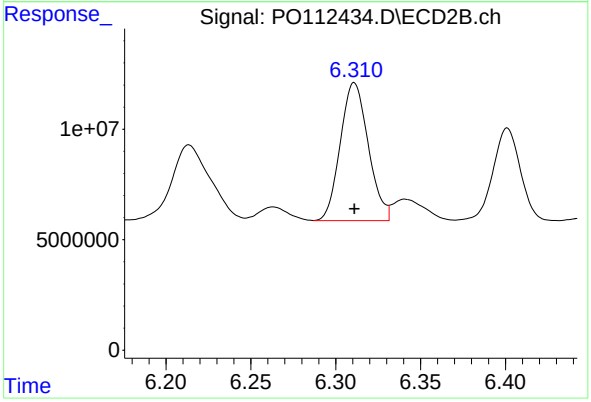
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 115586478
Conc: 264.83 ng/ml



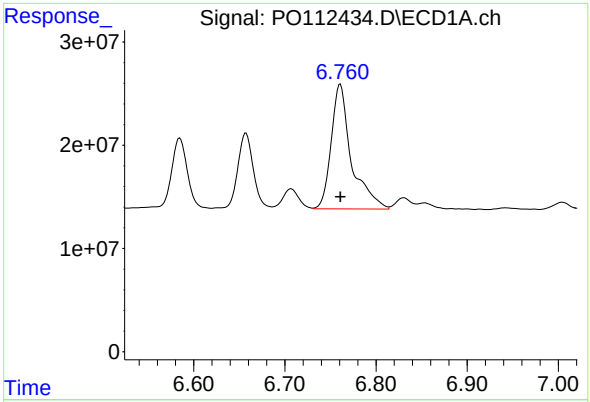
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 143097988
Conc: 255.37 ng/ml



#29 AR-1254-4

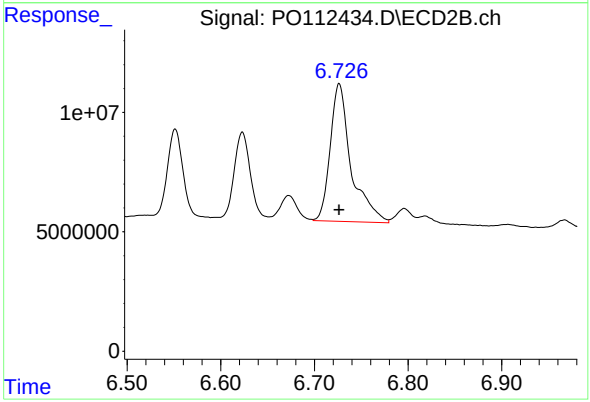
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 71723033
Conc: 262.54 ng/ml



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 185962684
Conc: 254.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 89336234
Conc: 262.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:57
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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...	3.669	3.661	35024549	22021040	4.120	4.264
2)	SA Decachlor...	8.694	8.640	31608253	7869748	4.125	4.324
	Target Compounds						
26)	L6 AR-1254-1	5.560	5.534	25025407	15525110	45.951m	47.285m
27)	L6 AR-1254-2	5.710	5.682	21962545	14034521	45.717m	48.955m
28)	L6 AR-1254-3	6.114	6.082	32662856	19574397	43.885	45.822m
29)	L6 AR-1254-4	6.344	6.311	25352878	13603049	46.121	50.646
30)	L6 AR-1254-5	6.762	6.726	30690471	15381815	43.359	46.051

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:57
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

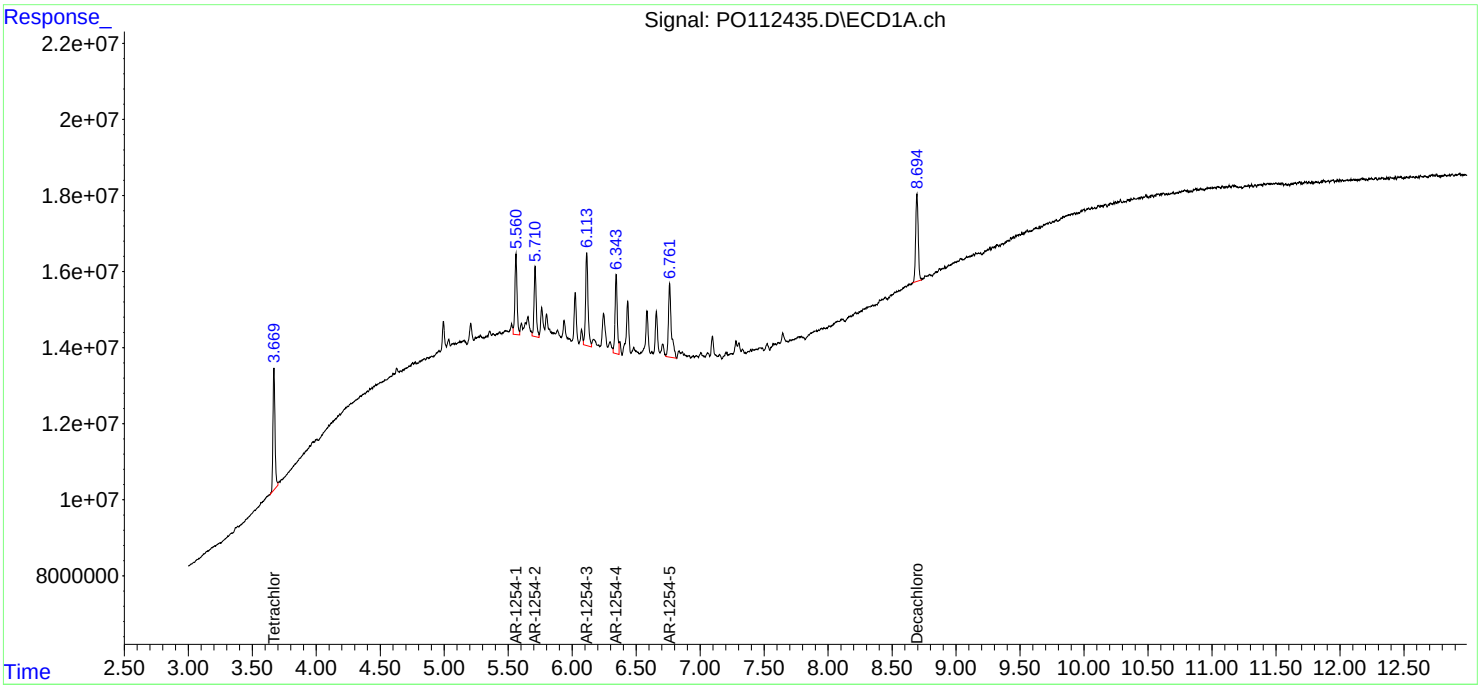
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

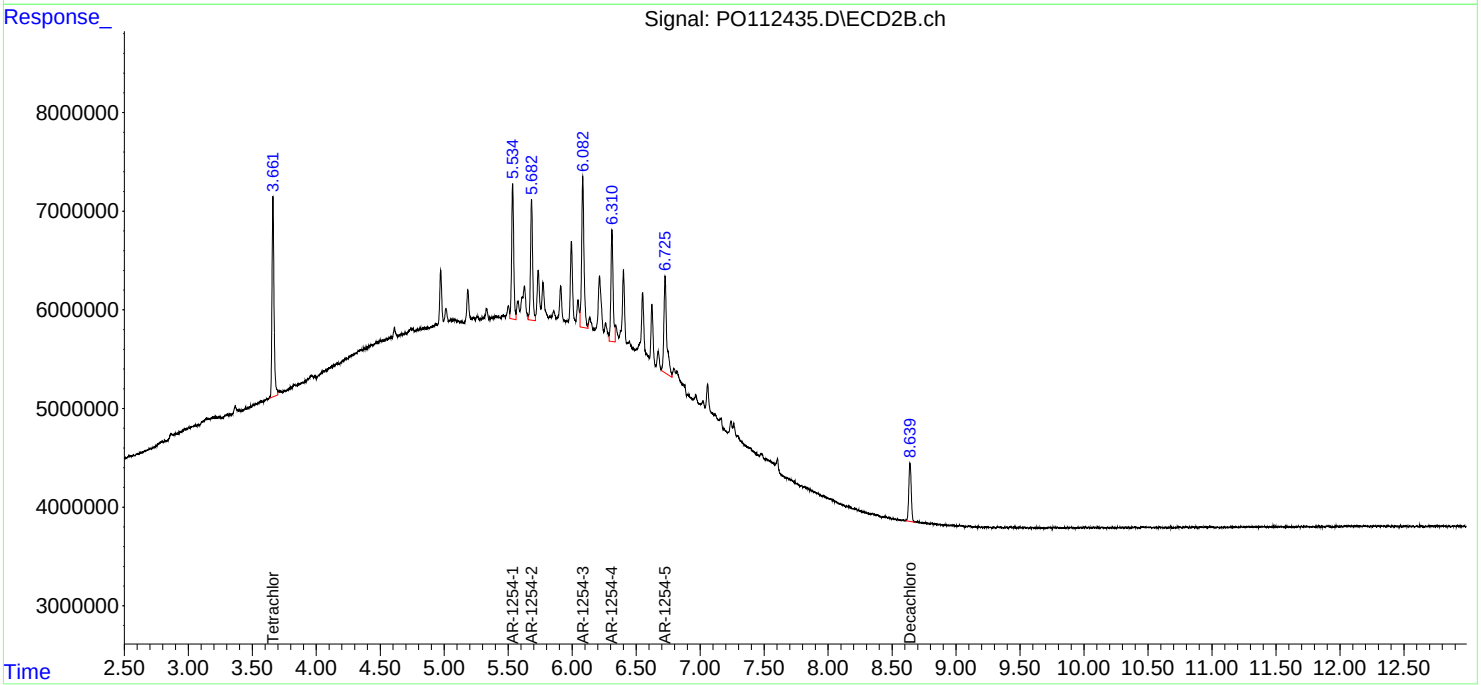
Manual Integrations APPROVED

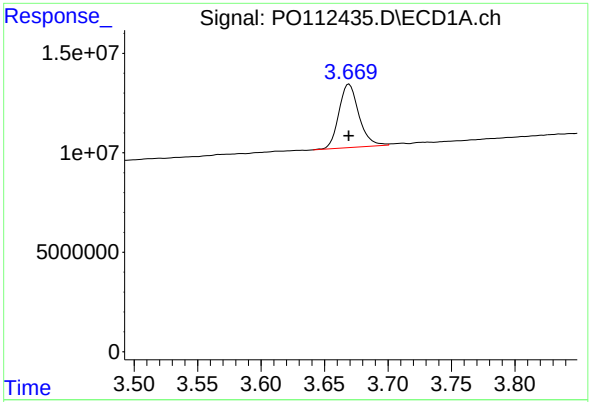
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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







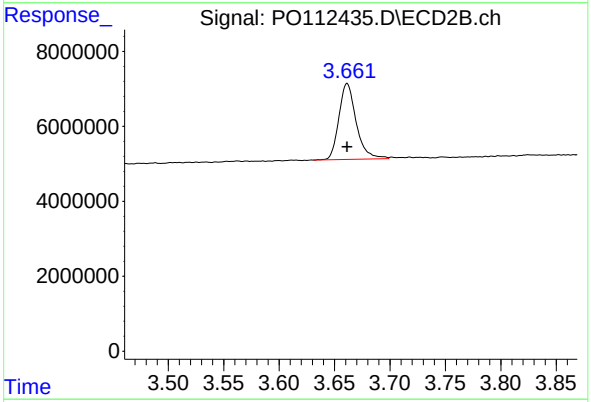
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 35024549
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

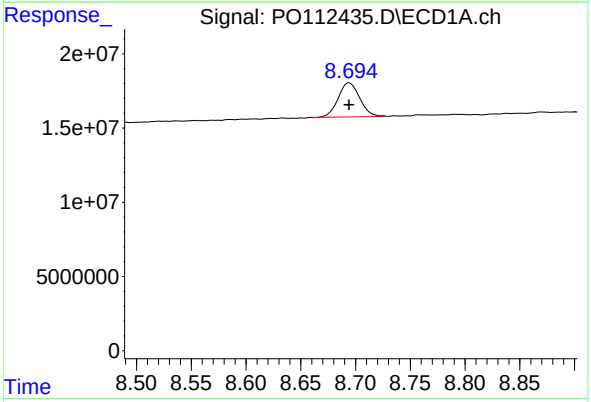
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



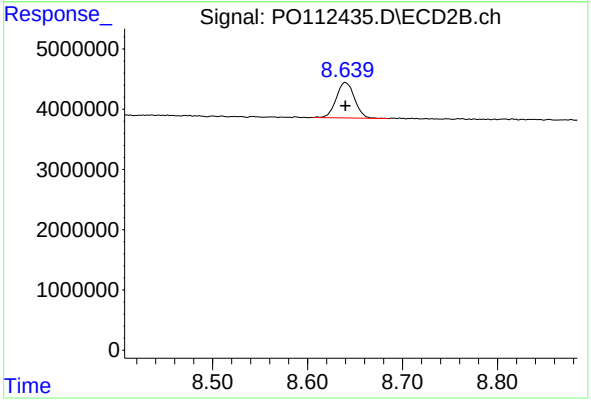
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 22021040
Conc: 4.26 ng/ml



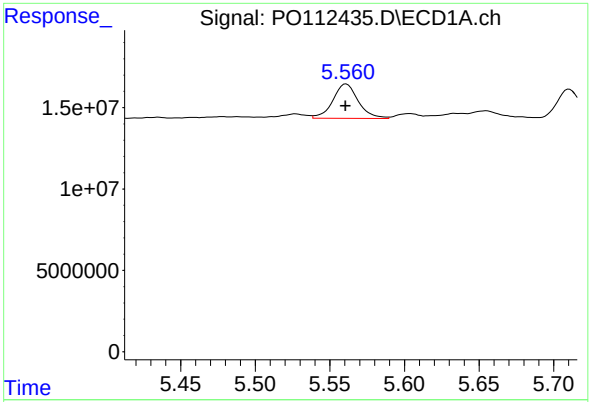
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 31608253
Conc: 4.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7869748
Conc: 4.32 ng/ml



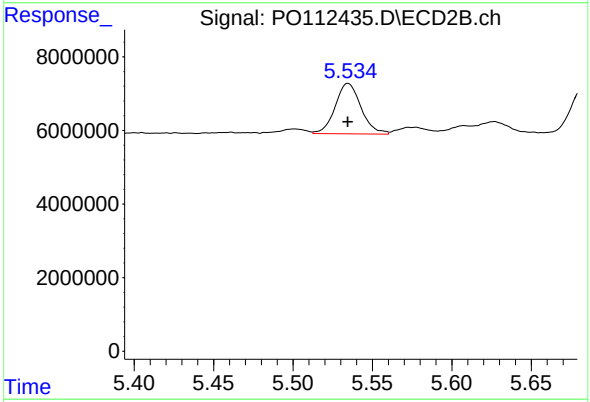
#26 AR-1254-1

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 25025407
Conc: 45.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

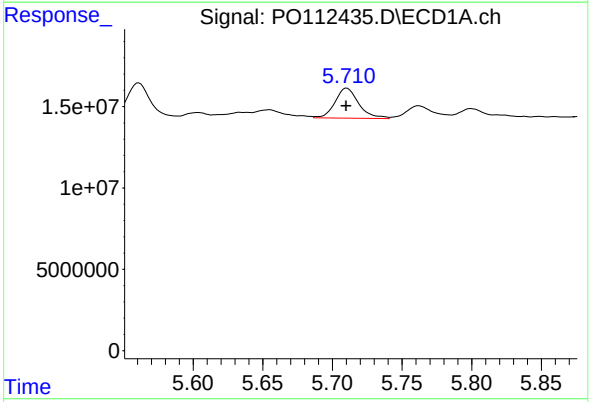
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



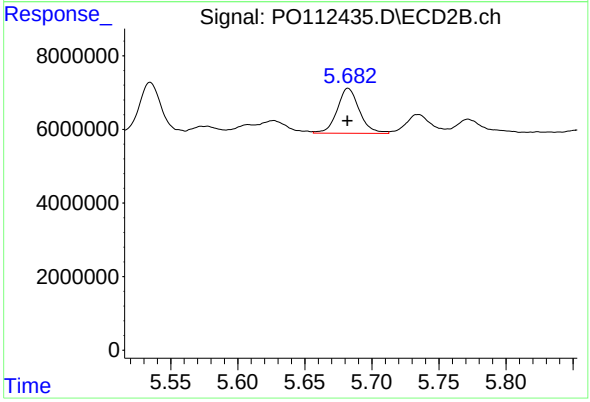
#26 AR-1254-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 15525110
Conc: 47.28 ng/ml m



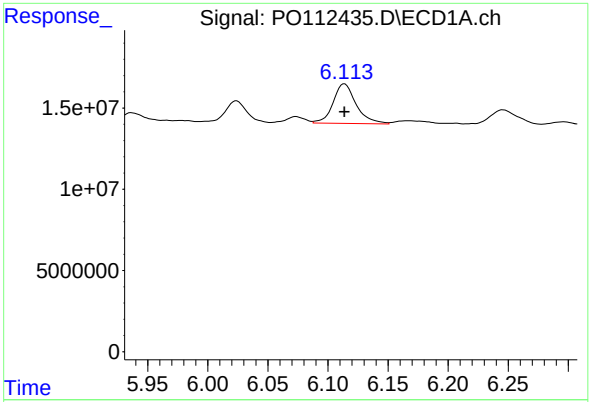
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 21962545
Conc: 45.72 ng/ml m



#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 14034521
Conc: 48.95 ng/ml m



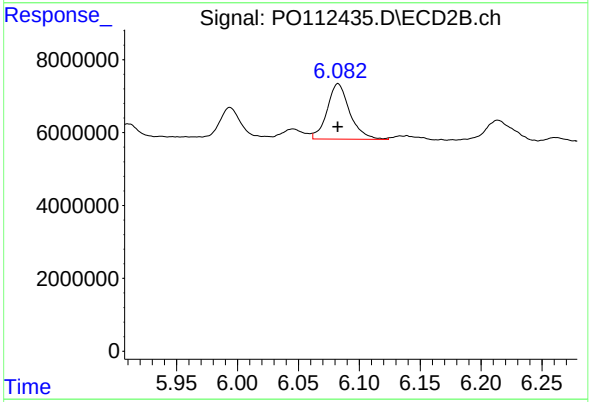
#28 AR-1254-3

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 32662856
Conc: 43.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

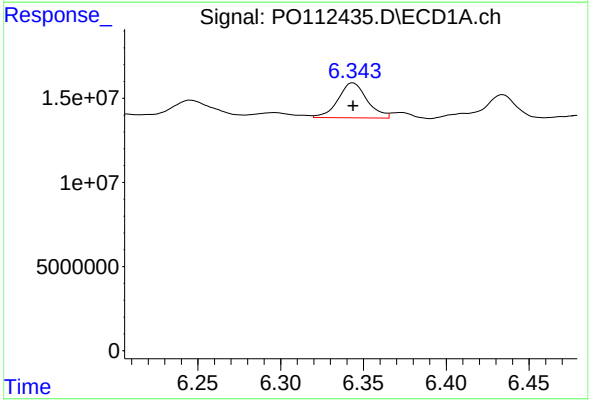
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



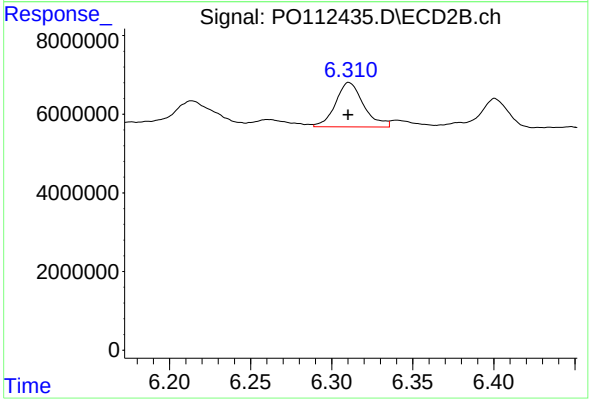
#28 AR-1254-3

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 19574397
Conc: 45.82 ng/ml m



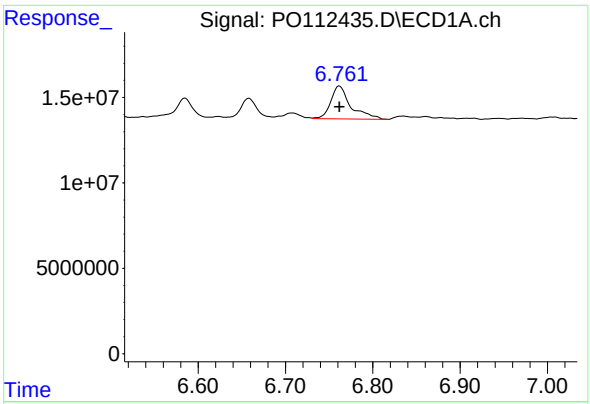
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 25352878
Conc: 46.12 ng/ml



#29 AR-1254-4

R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 13603049
Conc: 50.65 ng/ml



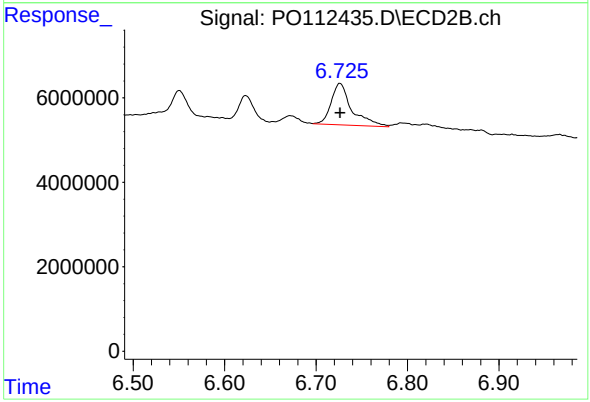
#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 30690471
Conc: 43.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



#30 AR-1254-5

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 15381815
Conc: 46.05 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:16
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: Jul 24 04:23:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:22:29 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...	3.670	3.663	431.0E6	259.6E6	50.000	50.000
2)	SA Decachlor...	8.695	8.640	390.0E6	91817563	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.801	6.766	464.6E6	207.4E6	500.000	500.000
37)	L8 AR-1262-2	7.303	7.265	743.5E6	257.8E6	500.000	500.000
38)	L8 AR-1262-3	7.586	7.546	295.1E6	93262624	500.000	500.000
39)	L8 AR-1262-4	7.650	7.611	497.1E6	144.1E6	500.000	500.000
40)	L8 AR-1262-5	8.146	8.103	217.0E6	49751686	500.000	500.000

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

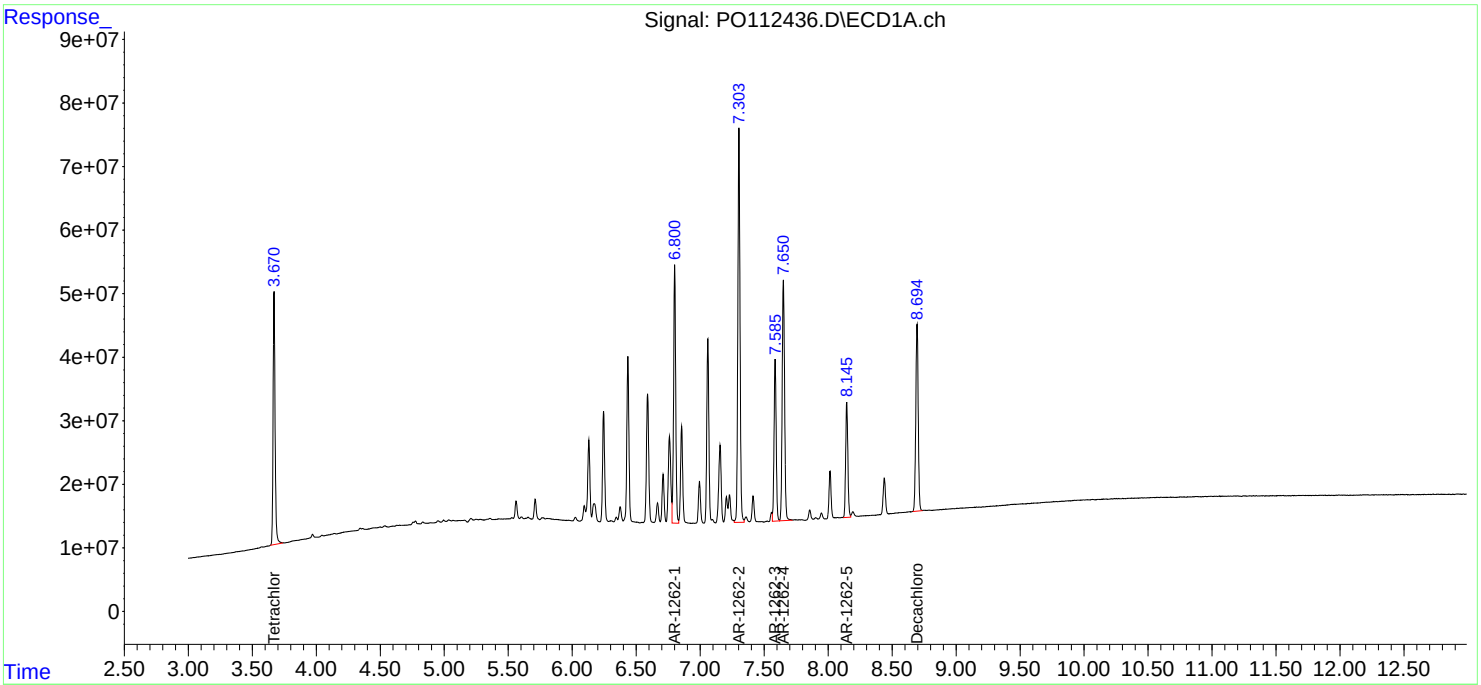
ICAL Form

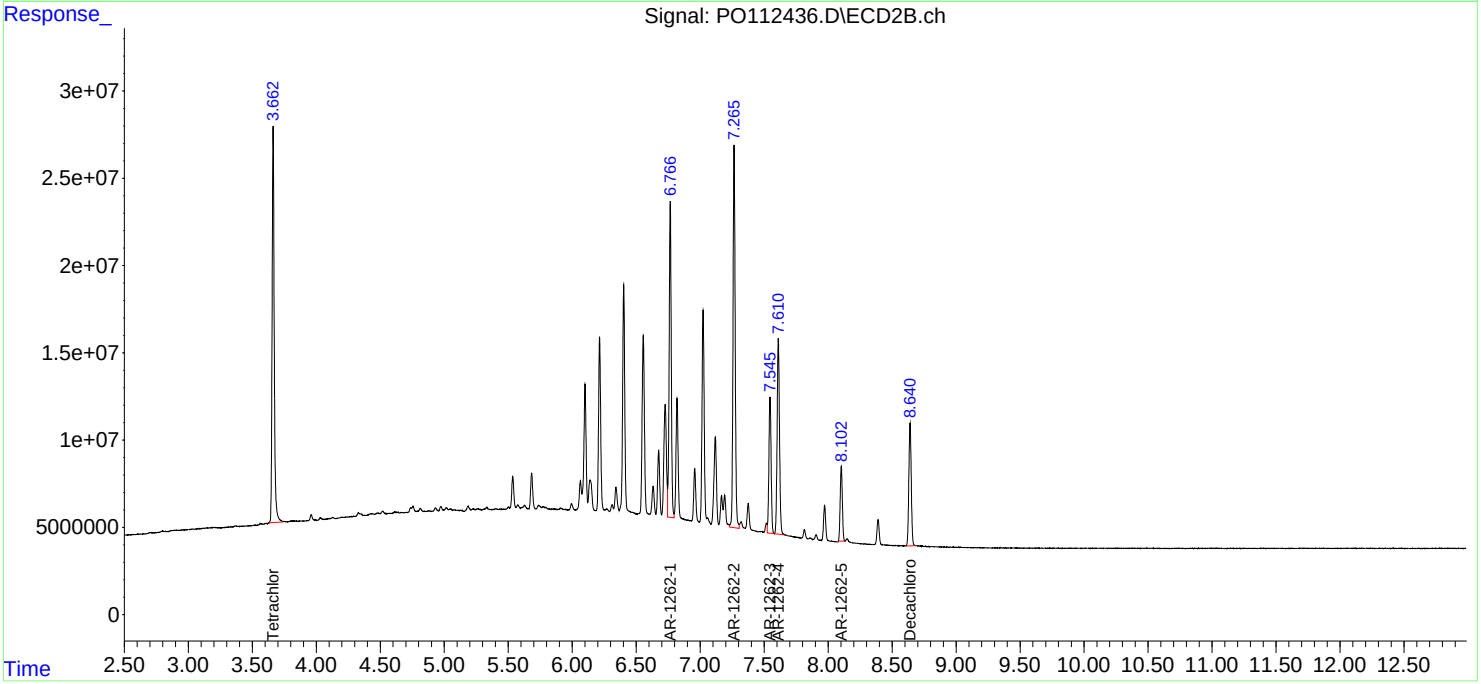
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:16
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

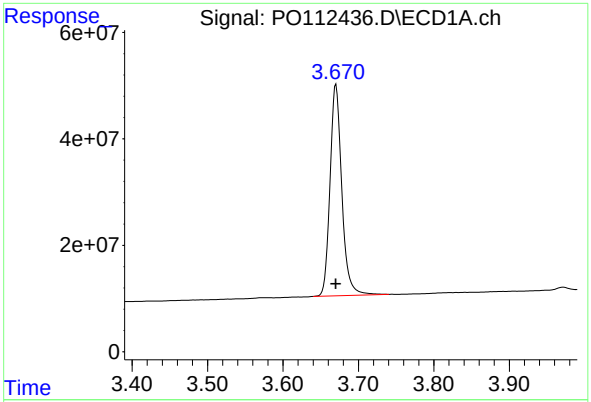
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:23:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:22:29 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



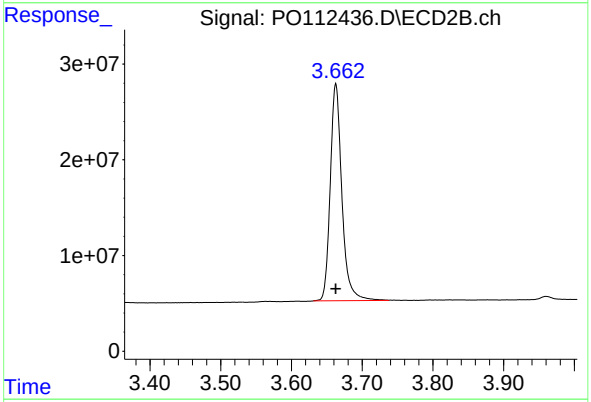




#1 Tetrachloro-m-xylene

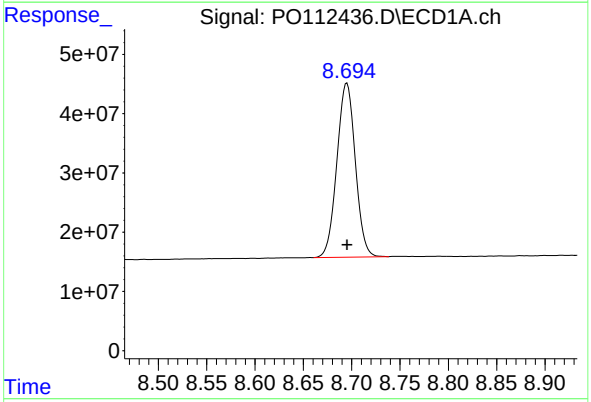
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 431047231
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



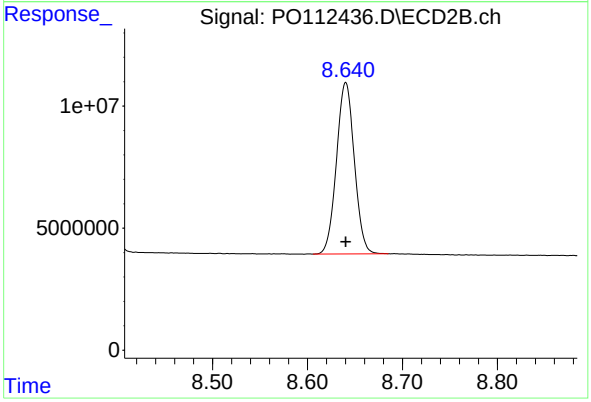
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 259634200
Conc: 50.00 ng/ml



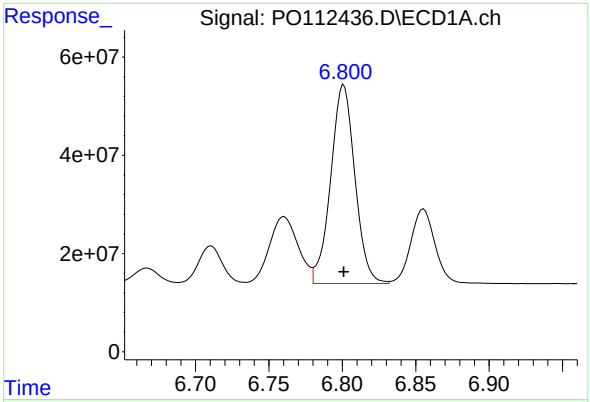
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 390011550
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

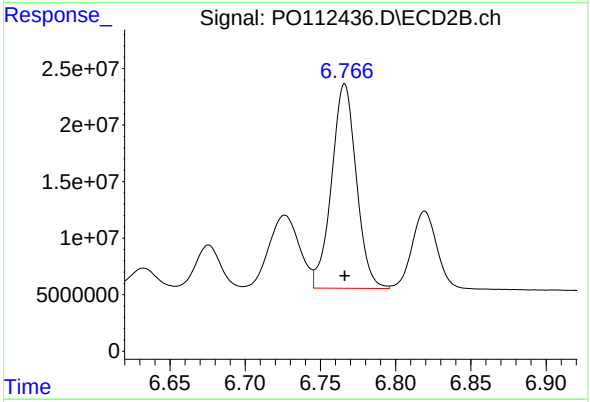
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 91817563
Conc: 50.00 ng/ml



#36 AR-1262-1

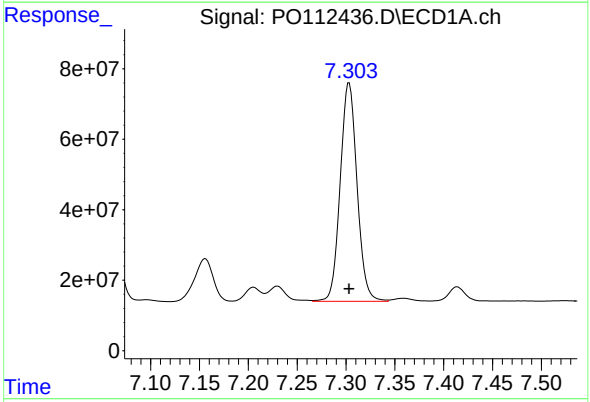
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 464603934
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



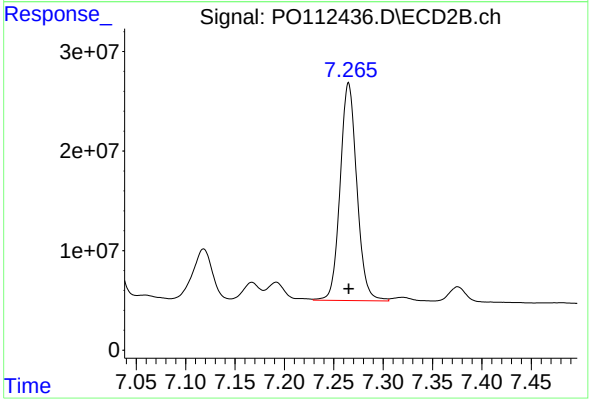
#36 AR-1262-1

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 207413976
Conc: 500.00 ng/ml



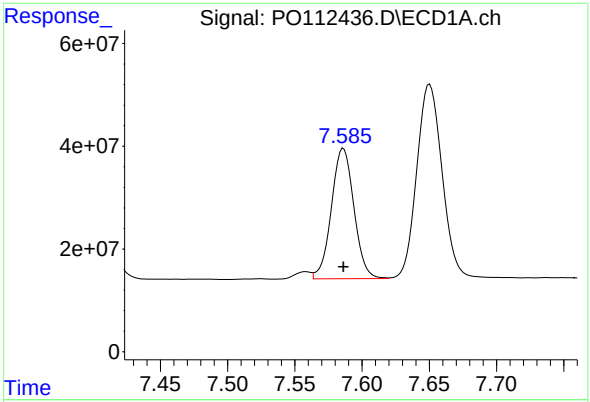
#37 AR-1262-2

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 743508813
Conc: 500.00 ng/ml



#37 AR-1262-2

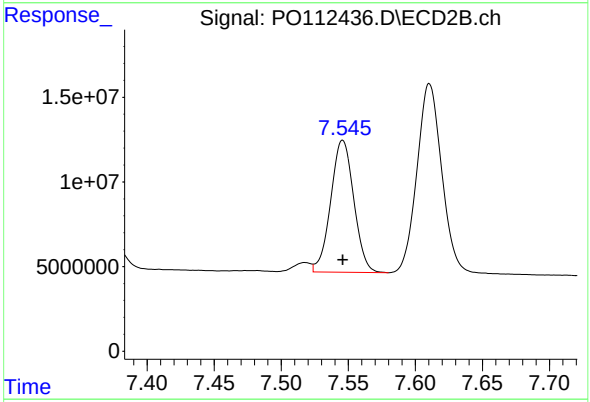
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 257772904
Conc: 500.00 ng/ml



#38 AR-1262-3

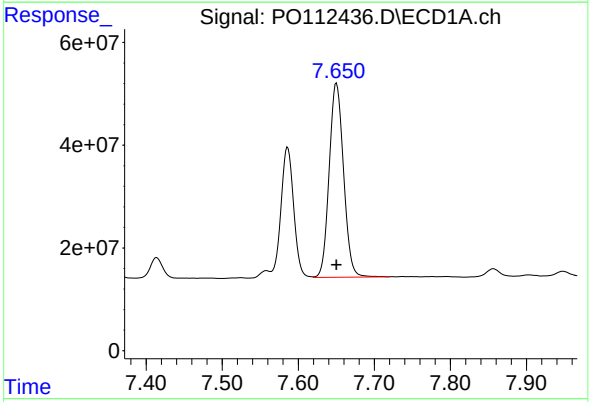
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 295126335
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



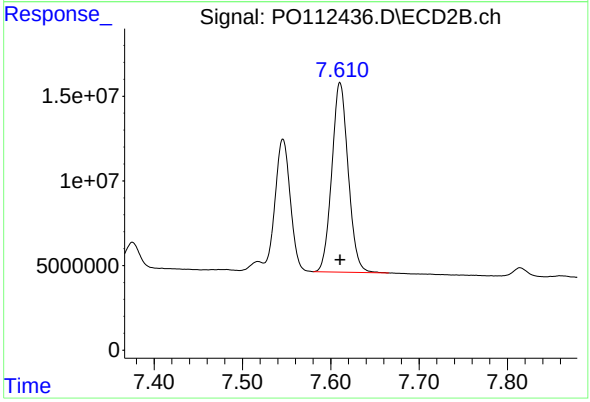
#38 AR-1262-3

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 93262624
Conc: 500.00 ng/ml



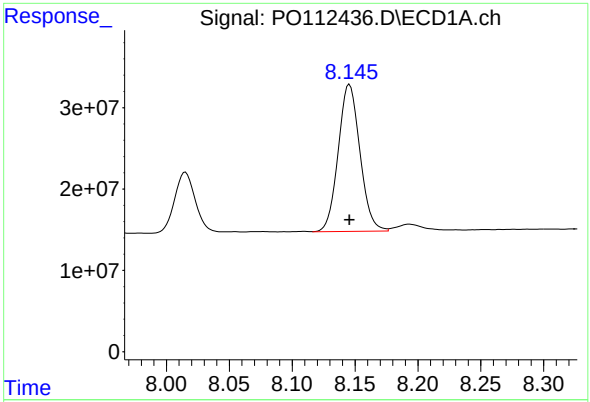
#39 AR-1262-4

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 497083193
Conc: 500.00 ng/ml



#39 AR-1262-4

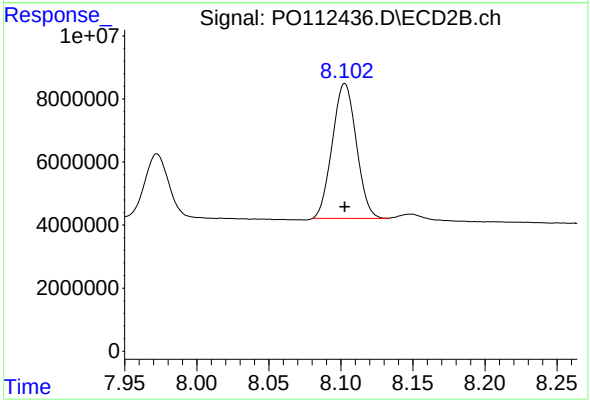
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 144051747
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 217030539
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 49751686
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:34
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: Jul 24 04:26:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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...	3.670	3.663	891.6E6	532.6E6	96.171	96.108
2)	SA Decachlor...	8.695	8.642	1453.9E6	322.4E6	98.386	96.213
	Target Compounds						
41)	L9 AR-1268-1	7.587	7.547	1805.2E6	514.6E6	975.507	965.897
42)	L9 AR-1268-2	7.652	7.613	1523.8E6	421.6E6	977.268	965.543
43)	L9 AR-1268-3	7.858	7.817	1298.6E6	318.8E6	974.006	962.314
44)	L9 AR-1268-4	8.147	8.103	502.3E6	111.5E6	976.399	971.430
45)	L9 AR-1268-5	8.440	8.392	3537.9E6	742.7E6	993.352	978.791

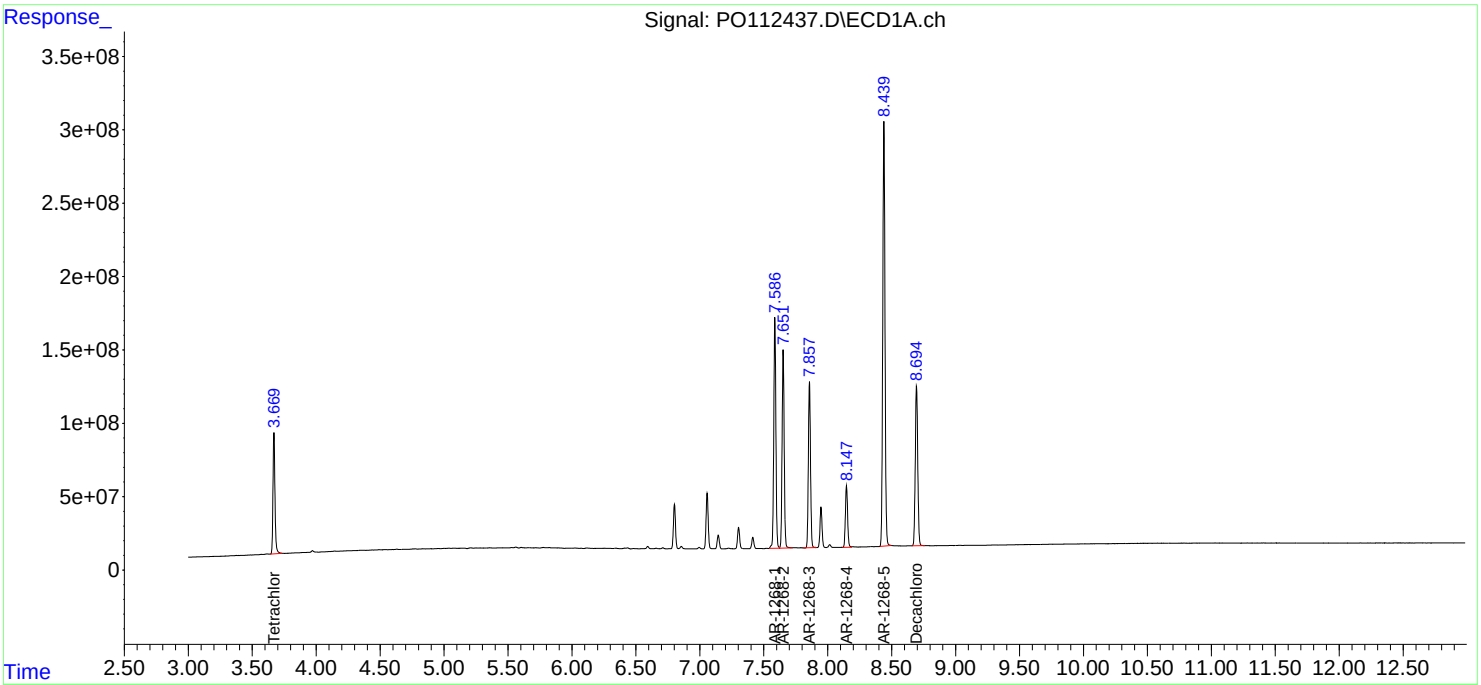
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

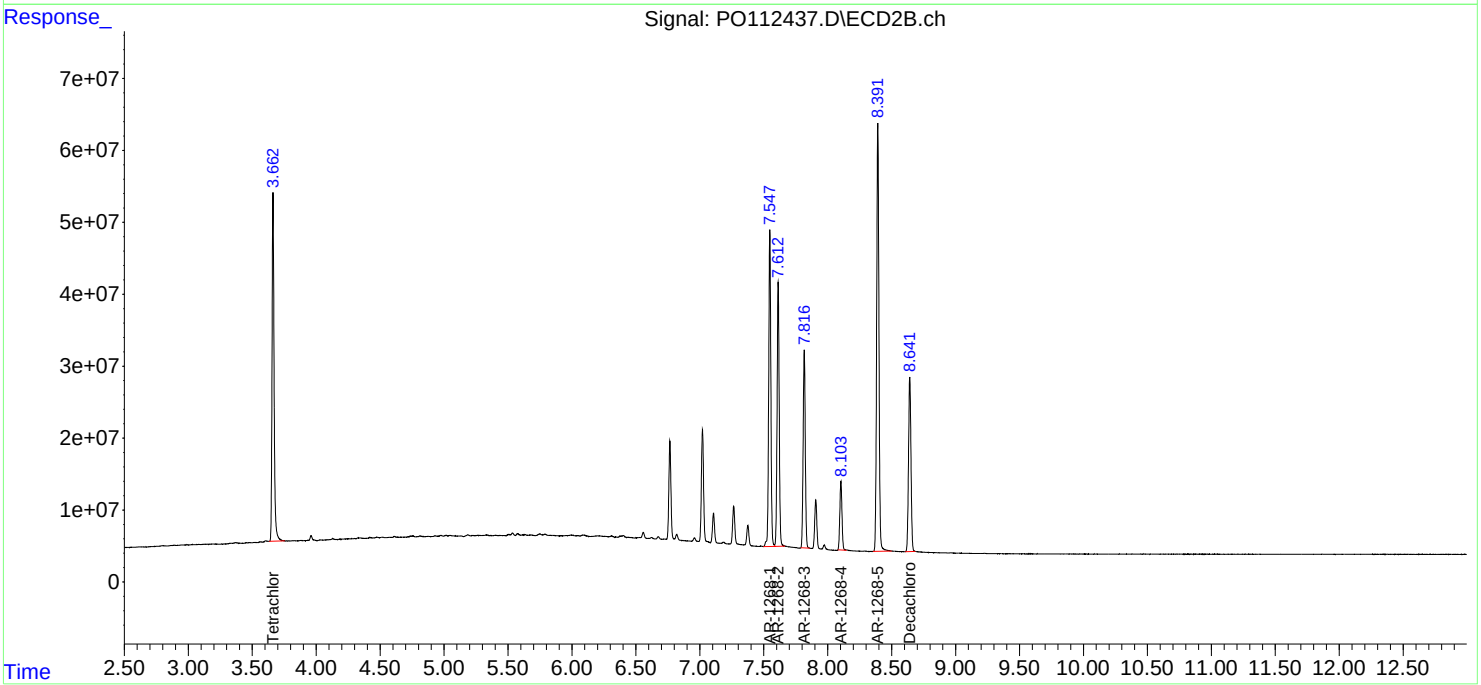
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:34
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

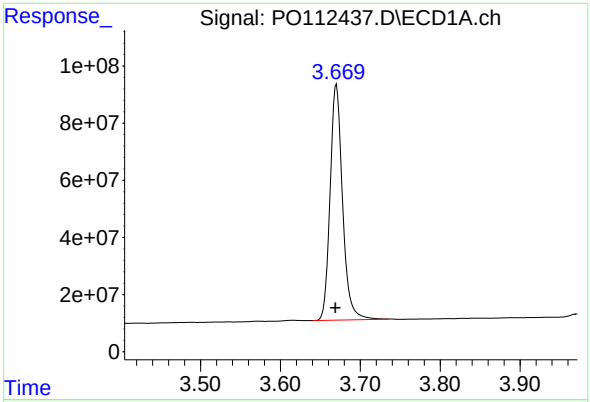
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:26:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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



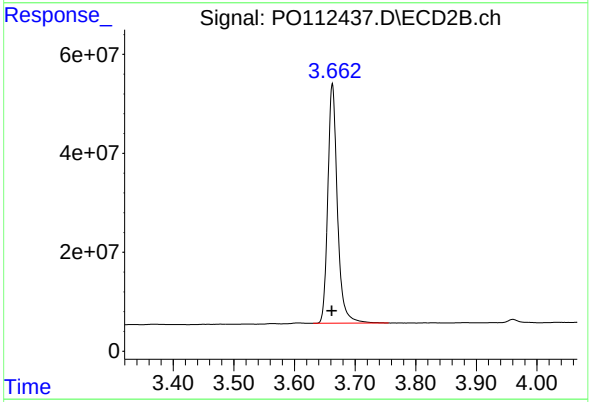




#1 Tetrachloro-m-xylene

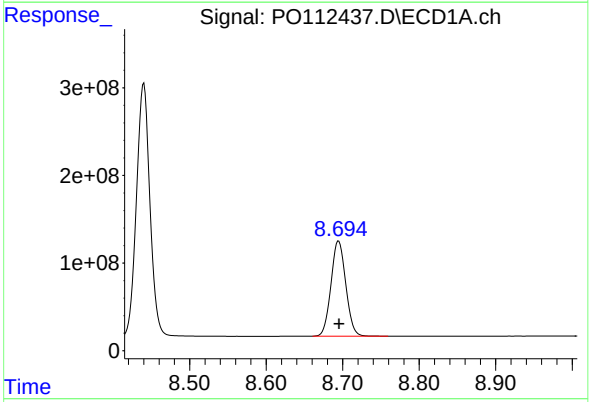
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 891646114
Conc: 96.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



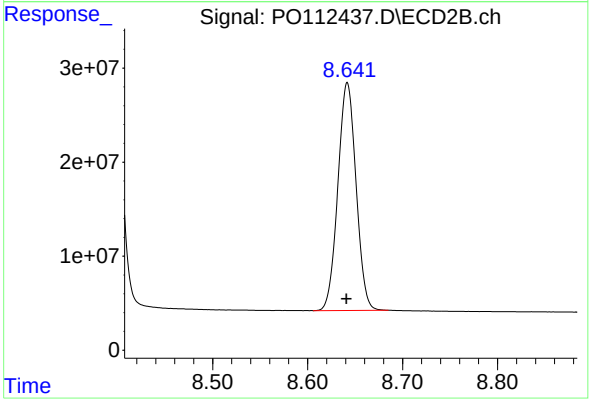
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.001 min
Response: 532622392
Conc: 96.11 ng/ml



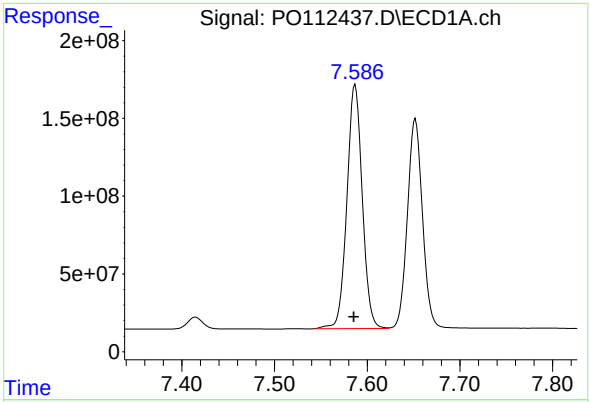
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 1453875783
Conc: 98.39 ng/ml



#2 Decachlorobiphenyl

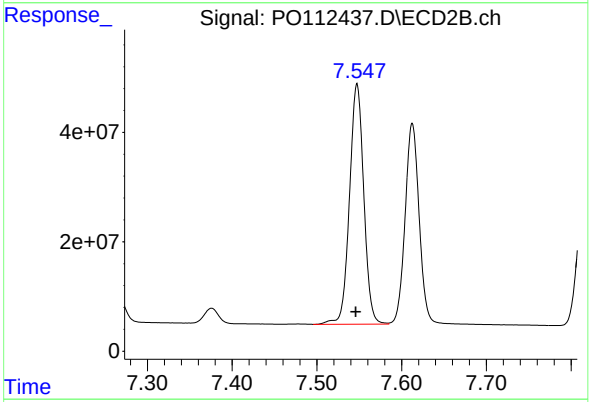
R.T.: 8.642 min
Delta R.T.: 0.001 min
Response: 322448419
Conc: 96.21 ng/ml



#41 AR-1268-1

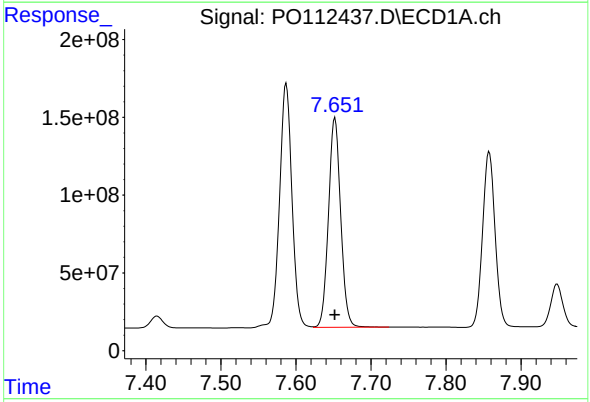
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 1805209287
Conc: 975.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



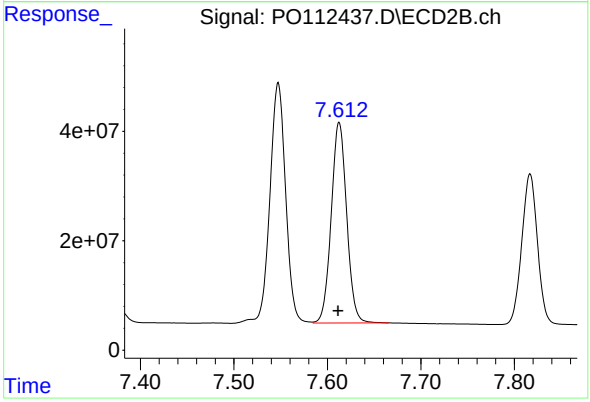
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: 0.002 min
Response: 514567345
Conc: 965.90 ng/ml



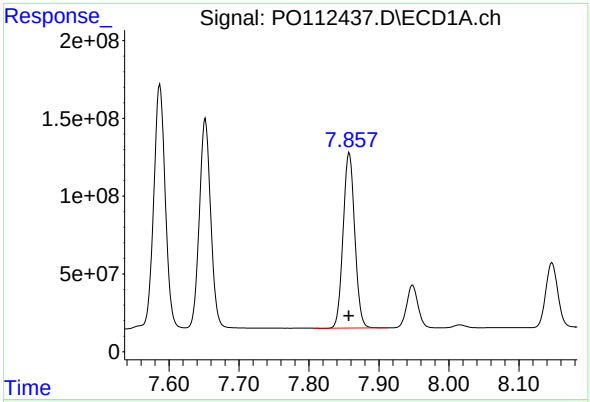
#42 AR-1268-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 1523811042
Conc: 977.27 ng/ml



#42 AR-1268-2

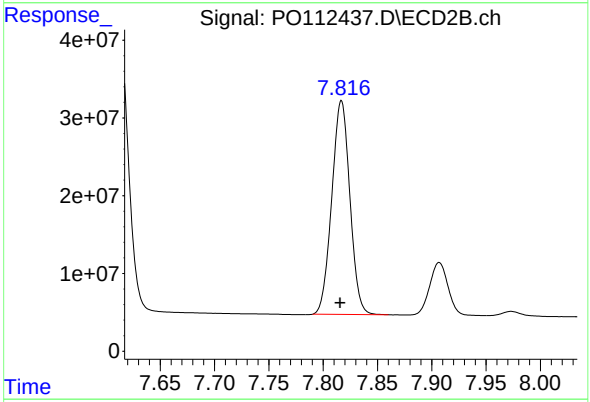
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 421574479
Conc: 965.54 ng/ml



#43 AR-1268-3

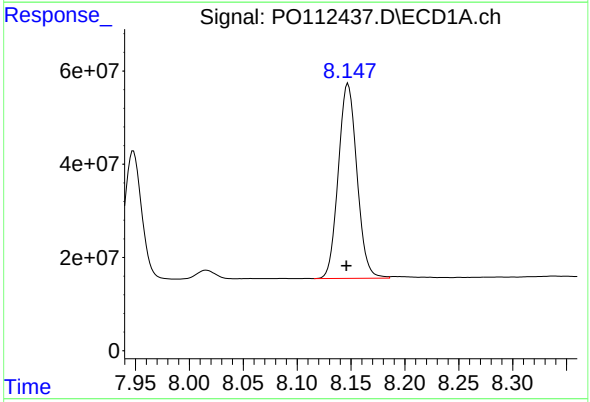
R.T.: 7.858 min
Delta R.T.: 0.000 min
Response: 1298638460
Conc: 974.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



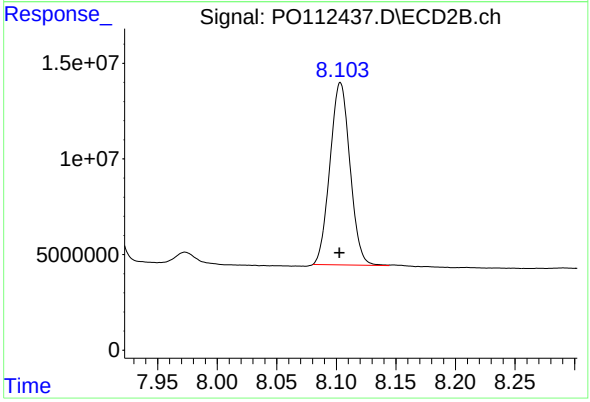
#43 AR-1268-3

R.T.: 7.817 min
Delta R.T.: 0.001 min
Response: 318758782
Conc: 962.31 ng/ml



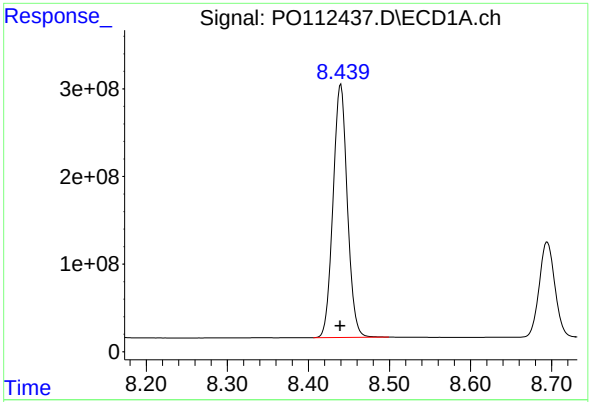
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: 0.001 min
Response: 502325303
Conc: 976.40 ng/ml



#44 AR-1268-4

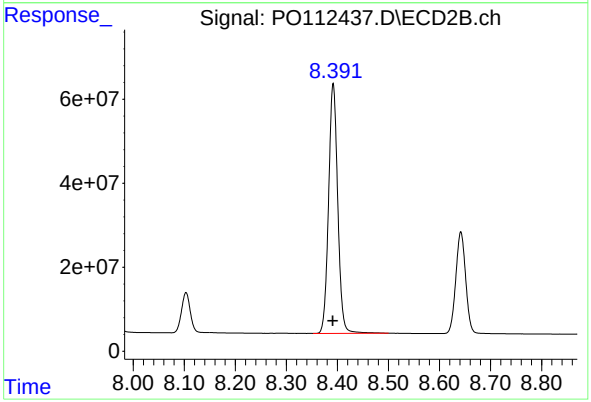
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 111516853
Conc: 971.43 ng/ml



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 3537850645
Conc: 993.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 742715083
Conc: 978.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:53
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: Jul 24 04:27:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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...	3.670	3.663	692.2E6	413.4E6	74.664	74.591
2)	SA Decachlor...	8.695	8.641	1101.3E6	247.6E6	74.526	73.871
	Target Compounds						
41)	L9 AR-1268-1	7.586	7.547	1377.7E6	387.5E6	744.484	727.418
42)	L9 AR-1268-2	7.652	7.613	1161.1E6	319.5E6	744.679	731.710
43)	L9 AR-1268-3	7.857	7.816	987.1E6	243.4E6	740.359	734.748
44)	L9 AR-1268-4	8.147	8.103	386.4E6	86779378	751.011	755.940
45)	L9 AR-1268-5	8.439	8.391	2676.6E6	567.6E6	751.521	747.952

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

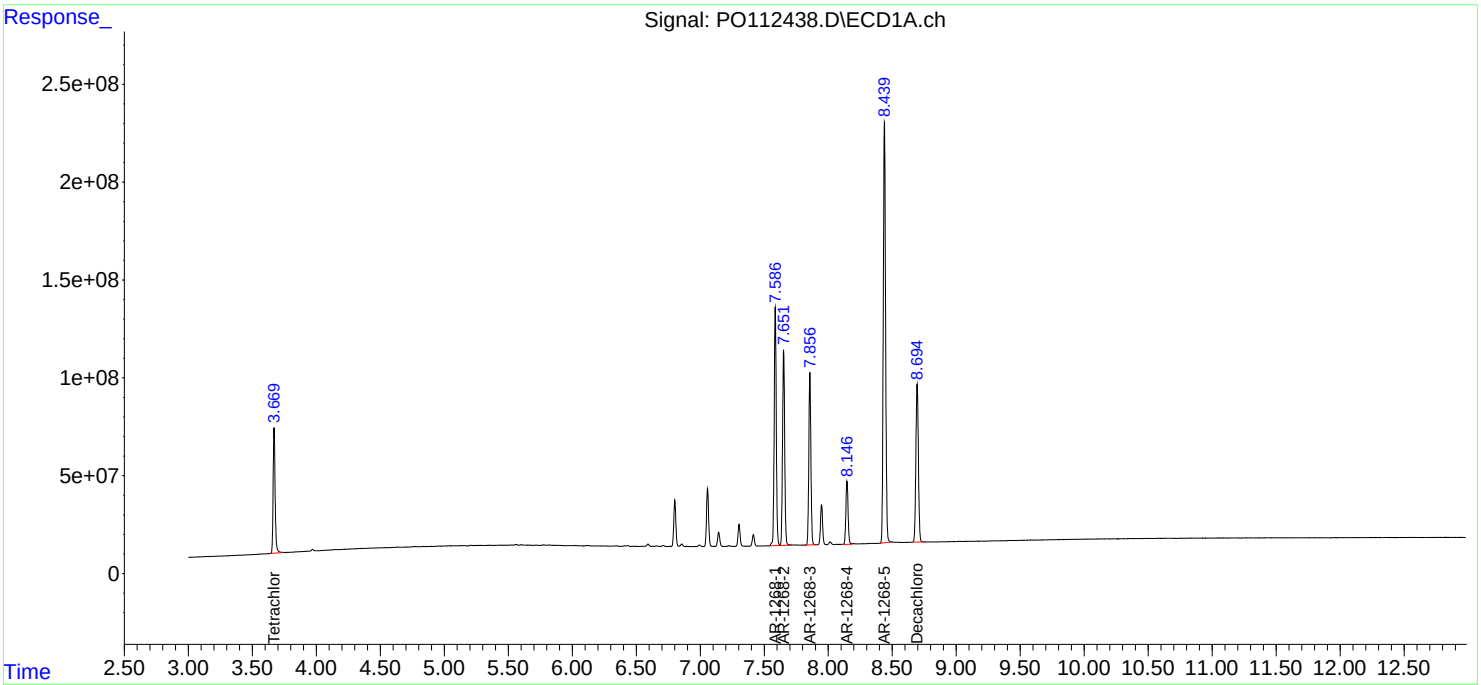
ICAL Form

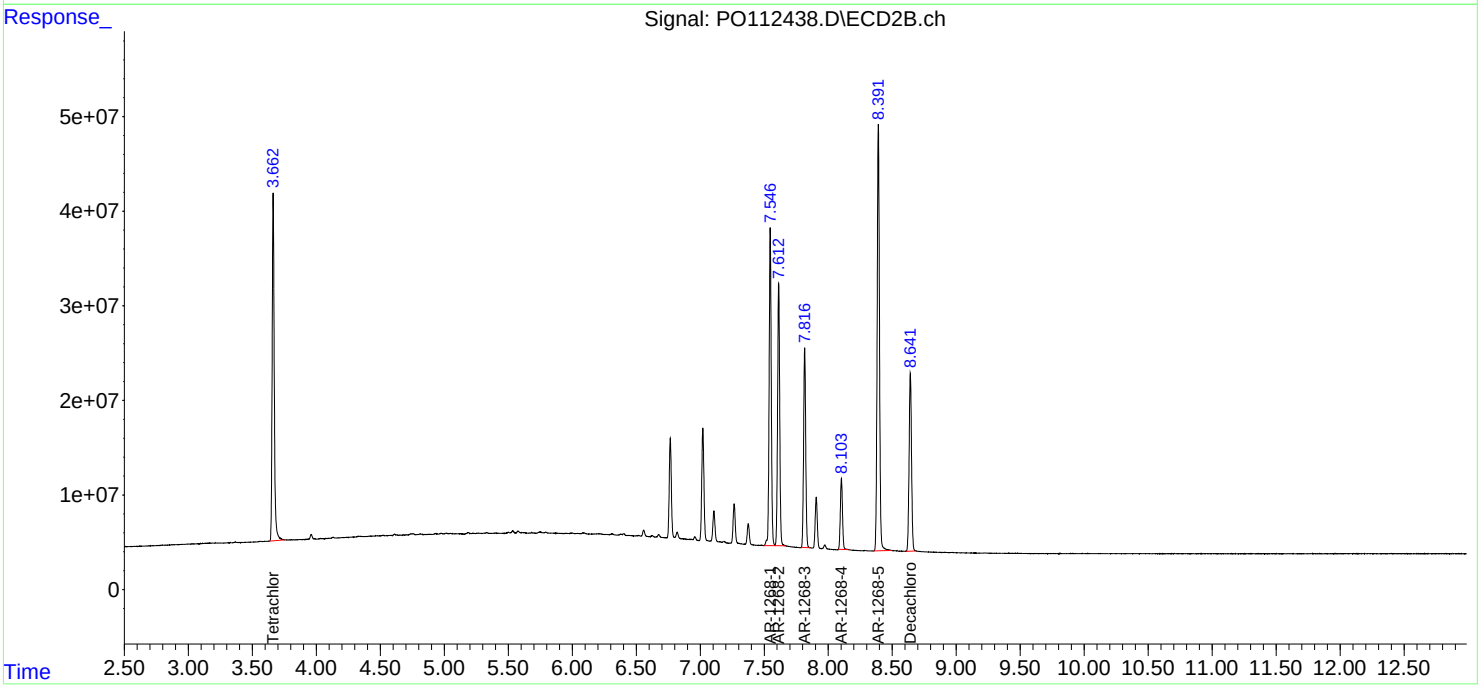
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:53
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

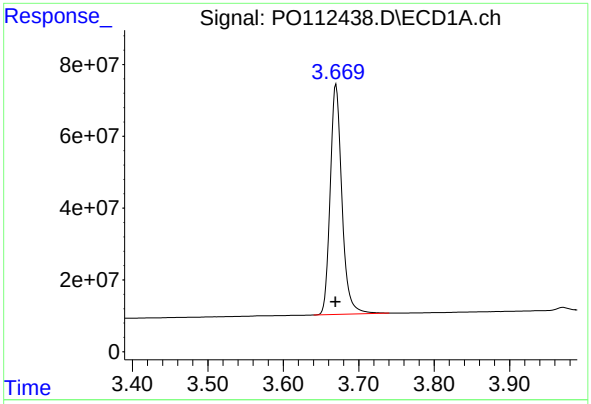
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:27:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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



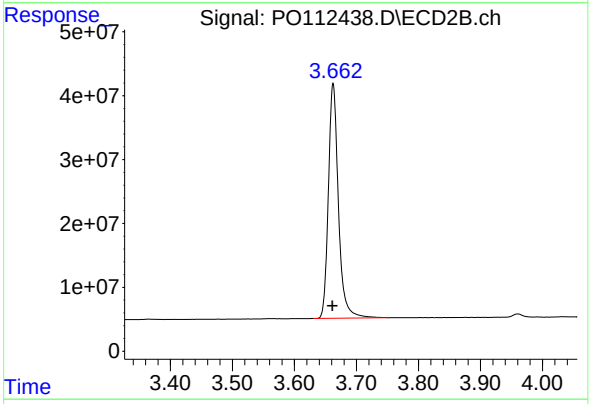




#1 Tetrachloro-m-xylene

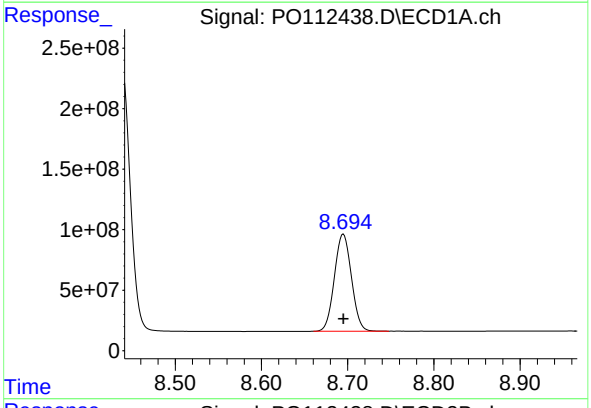
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 692243583
Conc: 74.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



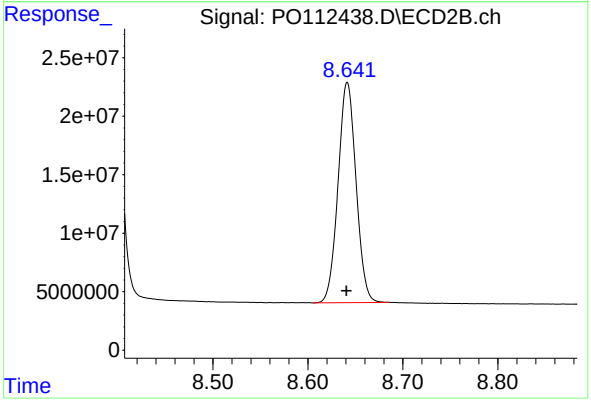
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.001 min
Response: 413379353
Conc: 74.59 ng/ml



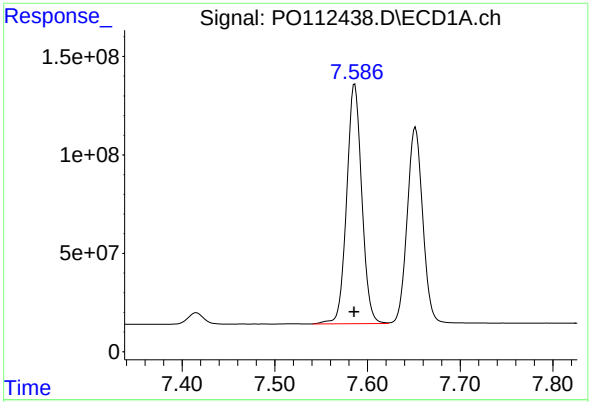
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 1101294529
Conc: 74.53 ng/ml



#2 Decachlorobiphenyl

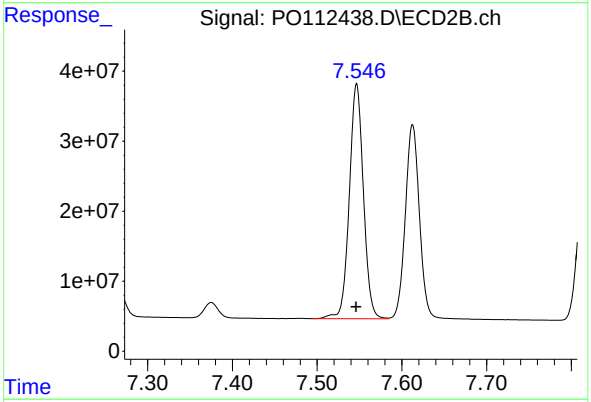
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 247569702
Conc: 73.87 ng/ml



#41 AR-1268-1

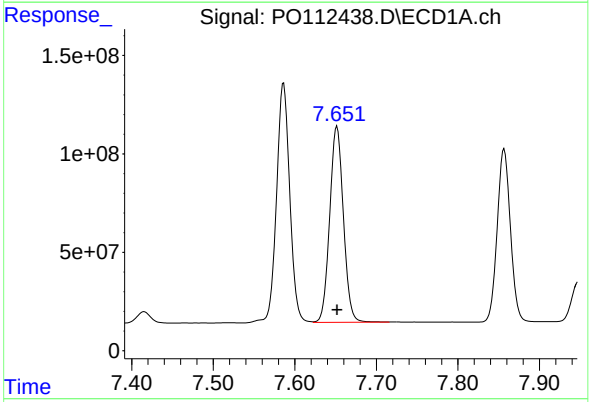
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 1377694048
Conc: 744.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



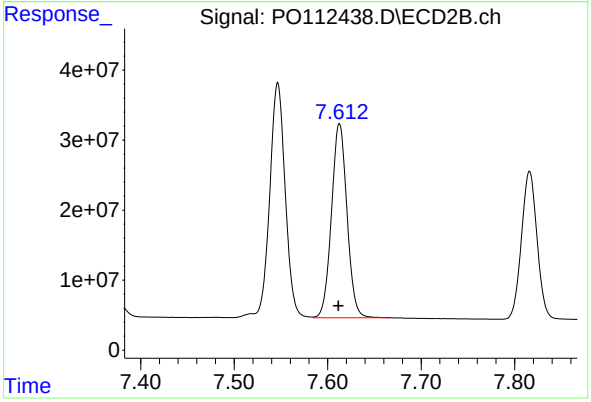
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 387521278
Conc: 727.42 ng/ml



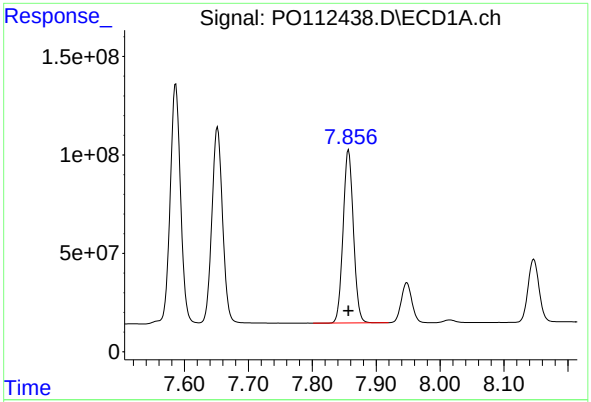
#42 AR-1268-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 1161145784
Conc: 744.68 ng/ml



#42 AR-1268-2

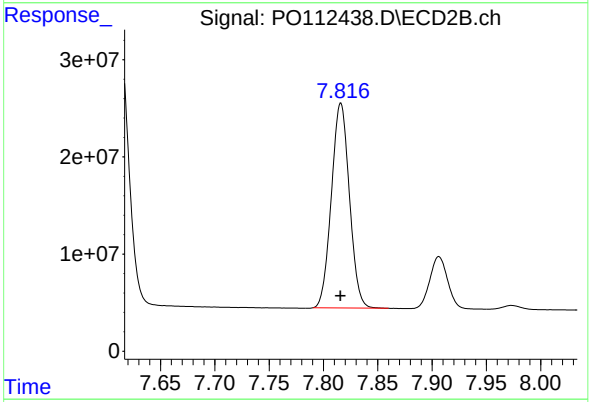
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 319478450
Conc: 731.71 ng/ml



#43 AR-1268-3

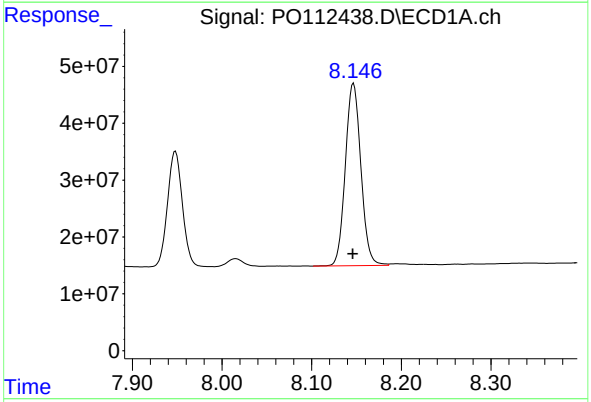
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 987117193
Conc: 740.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



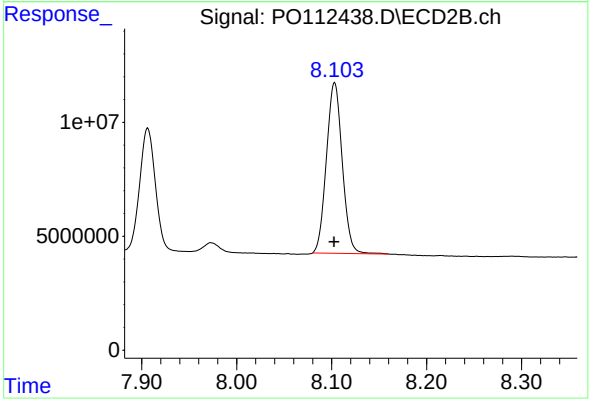
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: 0.000 min
Response: 243379280
Conc: 734.75 ng/ml



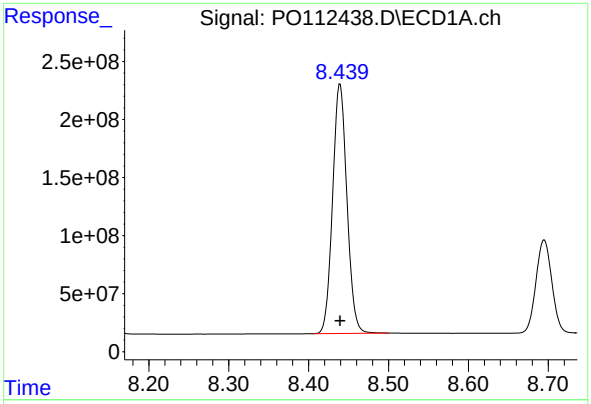
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 386370142
Conc: 751.01 ng/ml



#44 AR-1268-4

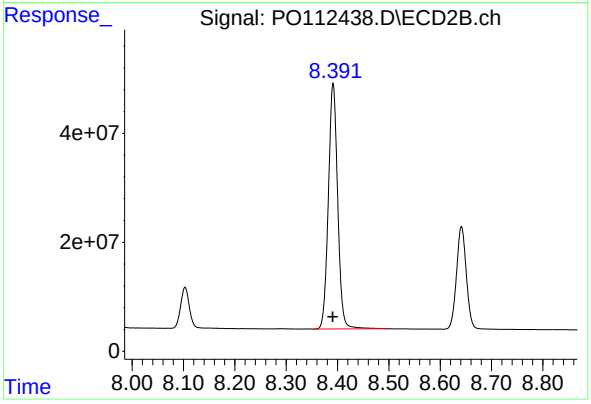
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 86779378
Conc: 755.94 ng/ml



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 2676563187
Conc: 751.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 567552223
Conc: 747.95 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:11
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: Jul 24 04:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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...	3.669	3.661	463.6E6	277.1E6	50.000	50.000
2)	SA Decachlor...	8.695	8.641	738.9E6	167.6E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.586	7.546	925.3E6	266.4E6	500.000	500.000
42)	L9 AR-1268-2	7.652	7.611	779.6E6	218.3E6	500.000	500.000
43)	L9 AR-1268-3	7.857	7.816	666.6E6	165.6E6	500.000	500.000
44)	L9 AR-1268-4	8.146	8.103	257.2E6	57398296	500.000	500.000
45)	L9 AR-1268-5	8.439	8.391	1780.8E6	379.4E6	500.000	500.000

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

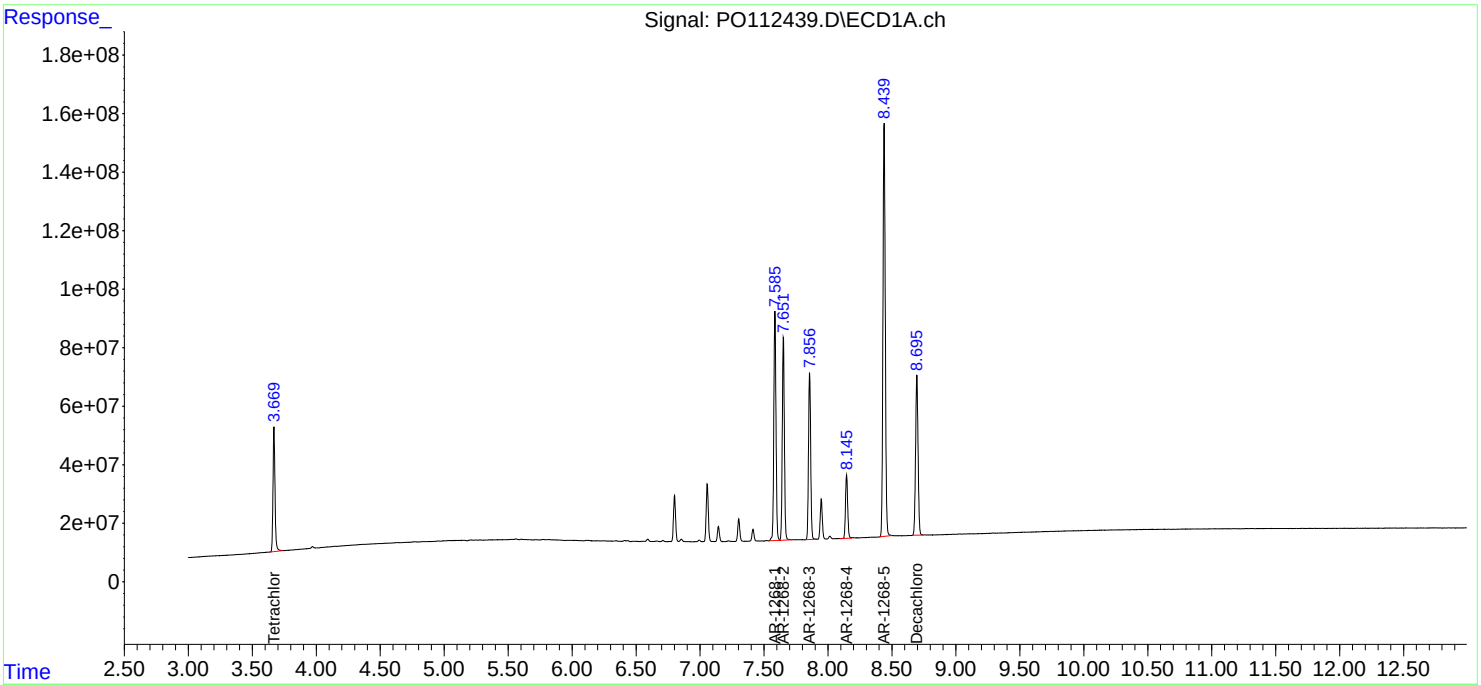
ICAL Form

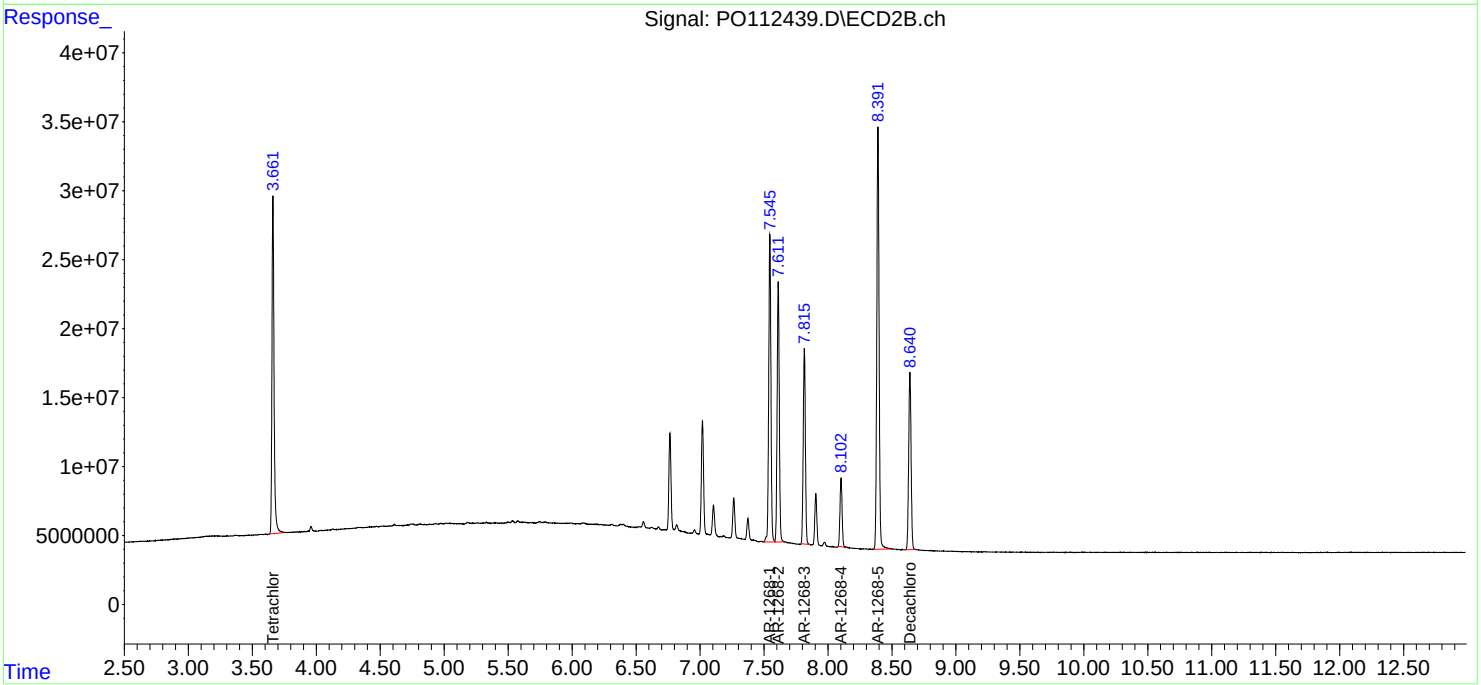
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:11
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

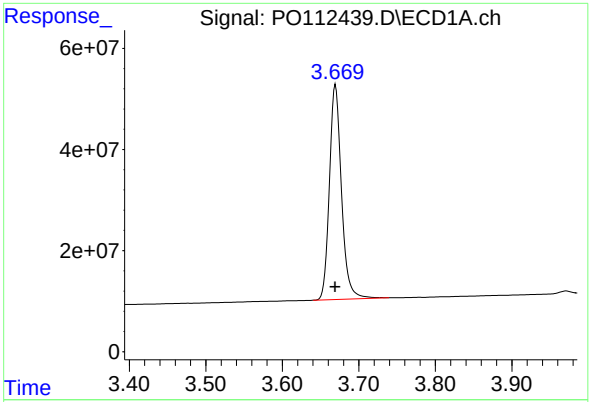
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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



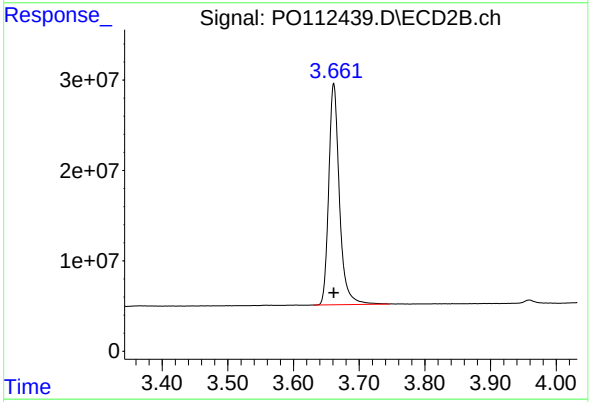




#1 Tetrachloro-m-xylene

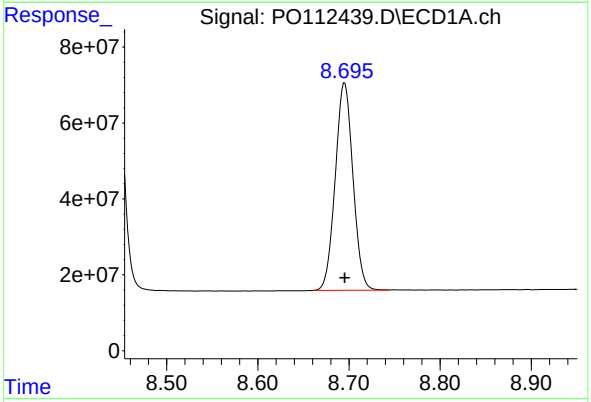
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 463571552
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



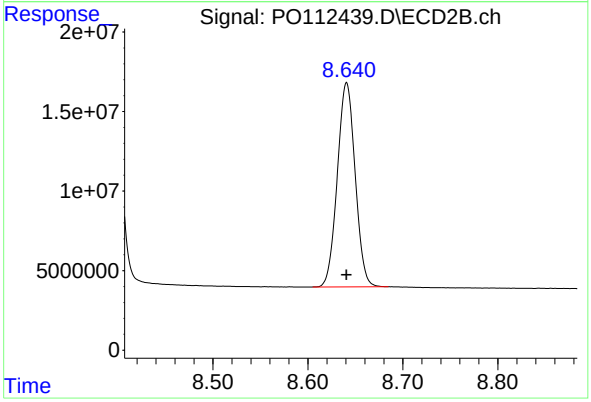
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 277095695
Conc: 50.00 ng/ml



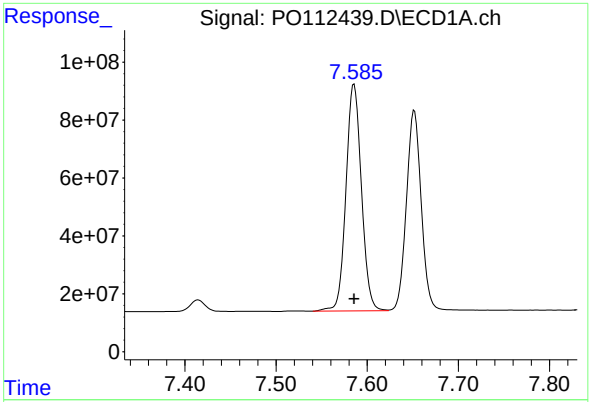
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 738865285
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

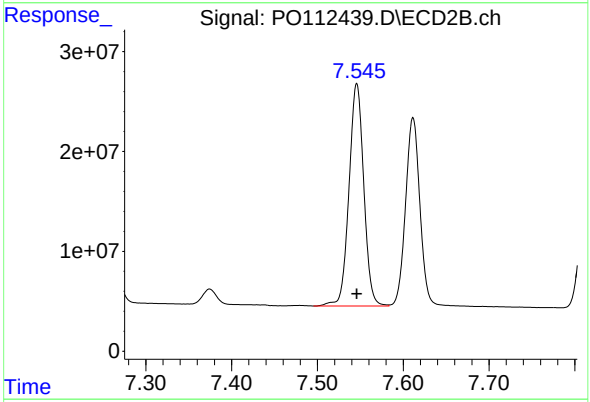
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 167569760
Conc: 50.00 ng/ml



#41 AR-1268-1

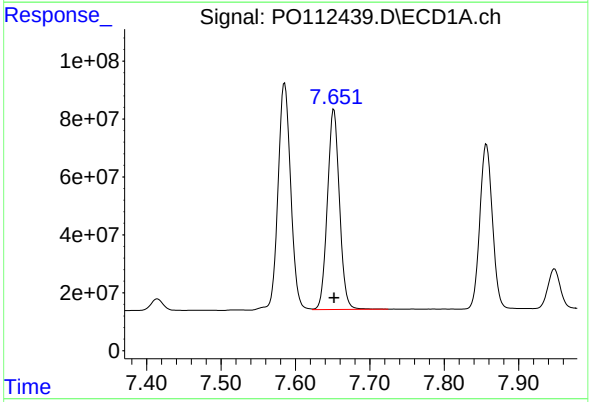
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 925267424
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



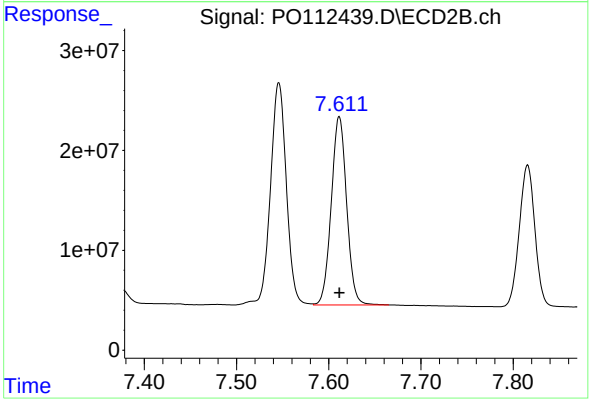
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 266367686
Conc: 500.00 ng/ml



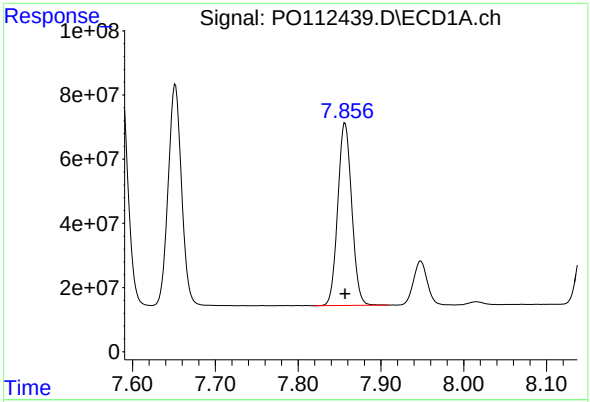
#42 AR-1268-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 779627980
Conc: 500.00 ng/ml



#42 AR-1268-2

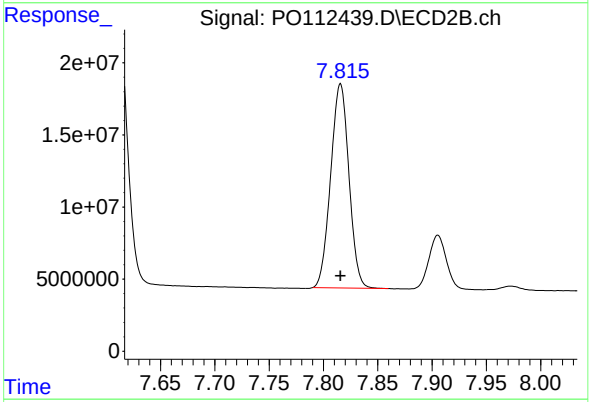
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 218309426
Conc: 500.00 ng/ml



#43 AR-1268-3

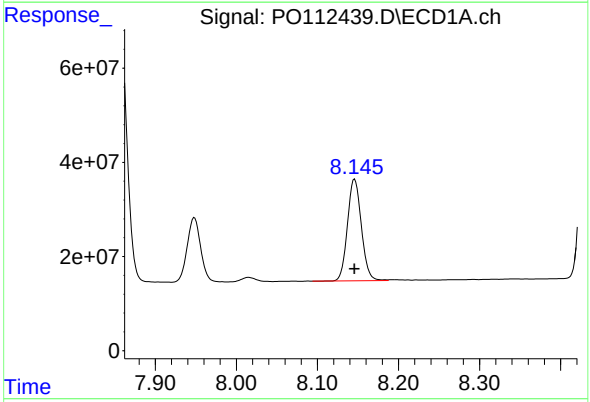
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 666647907
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



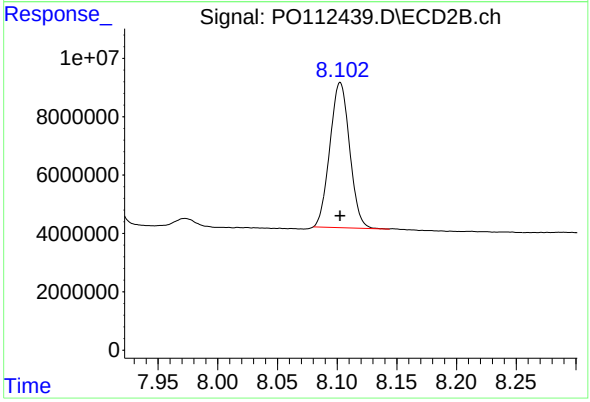
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: 0.000 min
Response: 165620938
Conc: 500.00 ng/ml



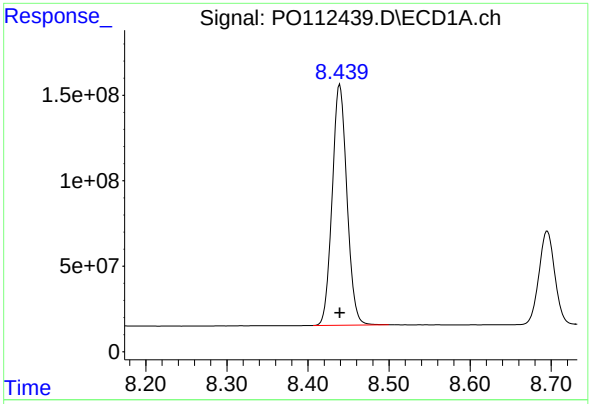
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 257233514
Conc: 500.00 ng/ml



#44 AR-1268-4

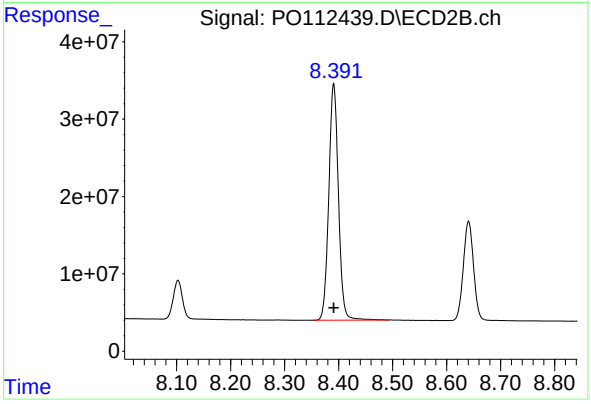
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 57398296
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 1780763954
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 379404270
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:28
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: Jul 24 04:27:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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...	3.668	3.663	233.9E6	141.8E6	25.226	25.590
2)	SA Decachlor...	8.693	8.640	370.0E6	87026360	25.041	25.967
	Target Compounds						
41)	L9 AR-1268-1	7.584	7.546	463.2E6	137.9E6	250.297	258.785
42)	L9 AR-1268-2	7.649	7.611	391.7E6	113.6E6	251.211	260.244
43)	L9 AR-1268-3	7.855	7.815	332.3E6	86494420	249.235	261.122
44)	L9 AR-1268-4	8.144	8.102	129.0E6	30404180	250.733	264.853
45)	L9 AR-1268-5	8.438	8.390	884.1E6	195.1E6	248.250	257.124

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

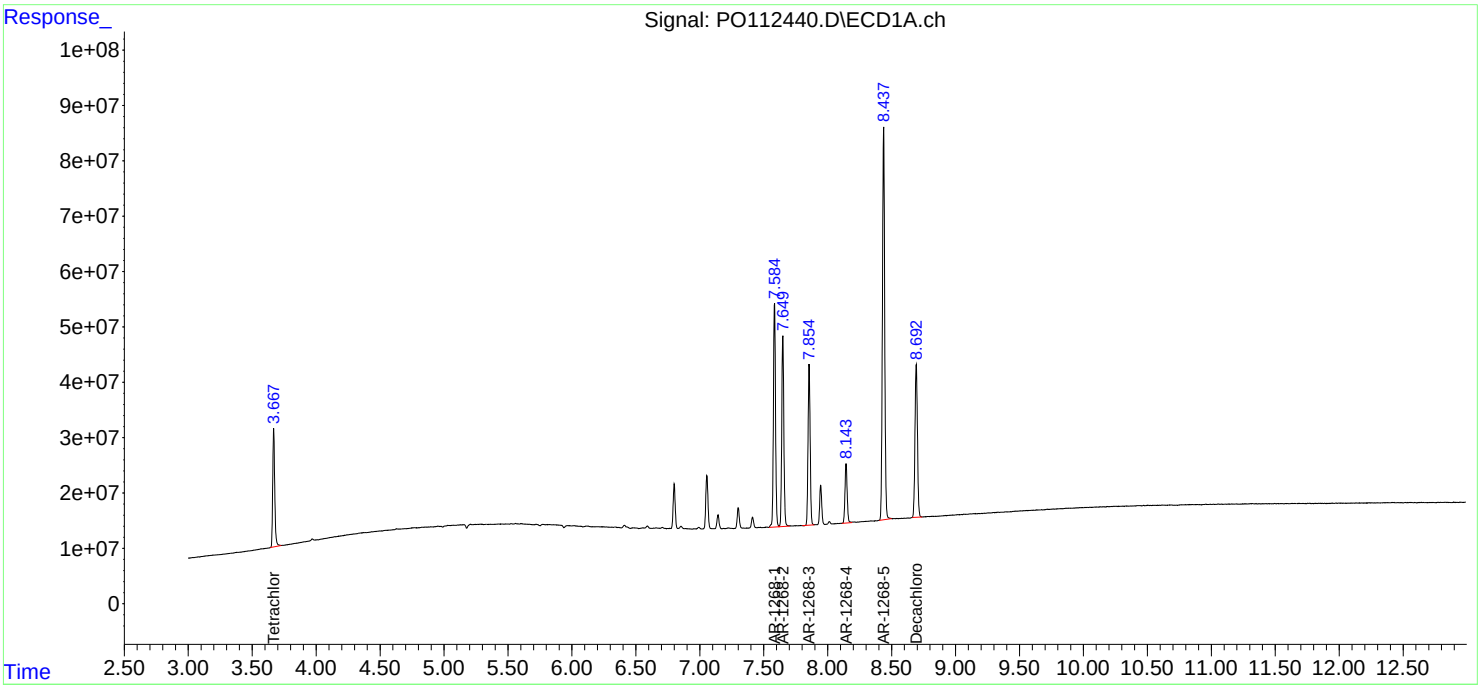
ICAL Form

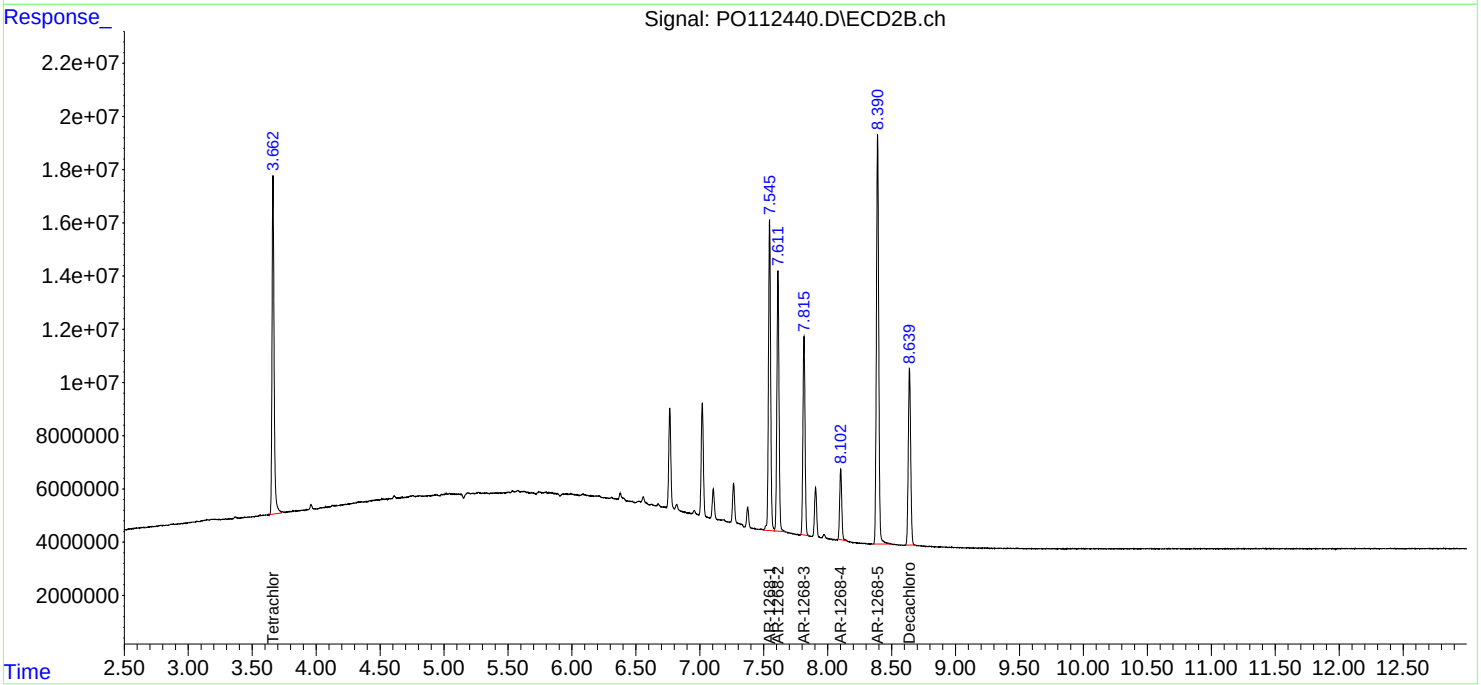
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:28
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

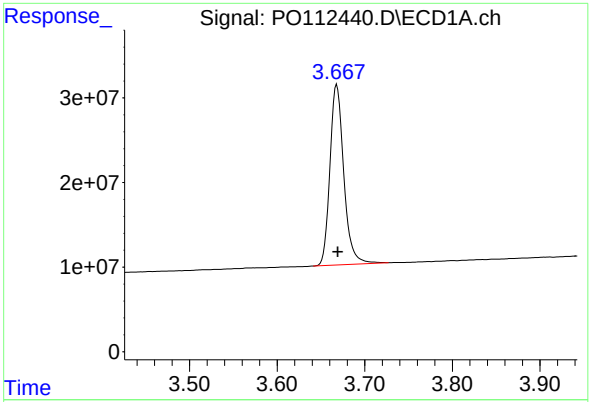
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:27:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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



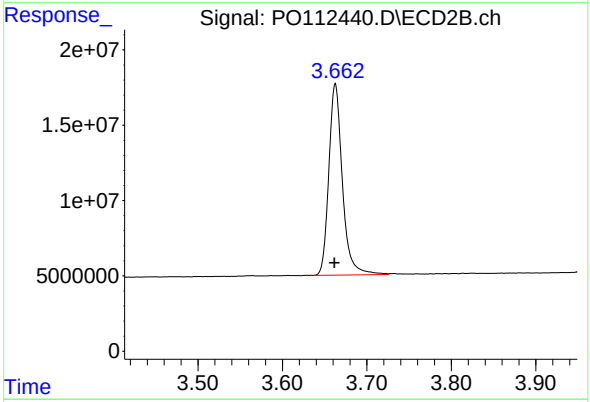




#1 Tetrachloro-m-xylene

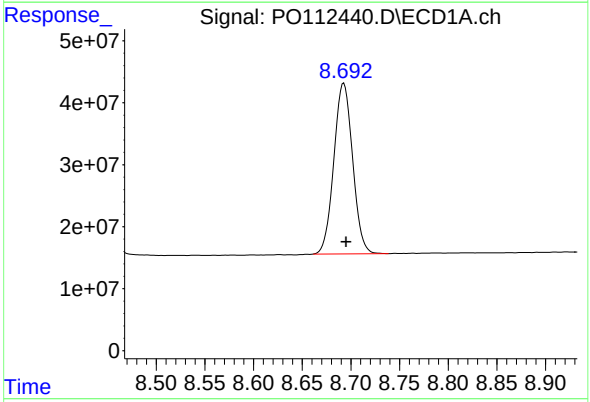
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 233878715
Conc: 25.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



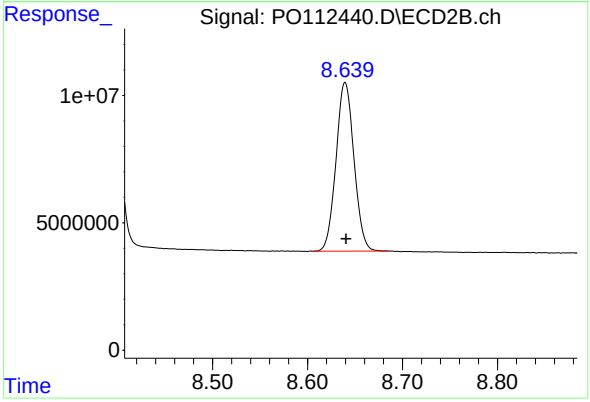
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.001 min
Response: 141818532
Conc: 25.59 ng/ml



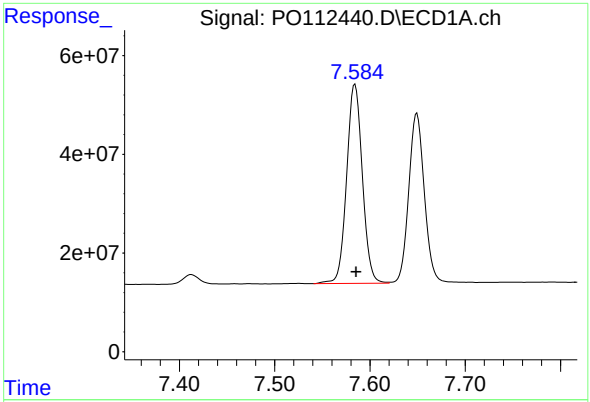
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: -0.003 min
Response: 370038692
Conc: 25.04 ng/ml



#2 Decachlorobiphenyl

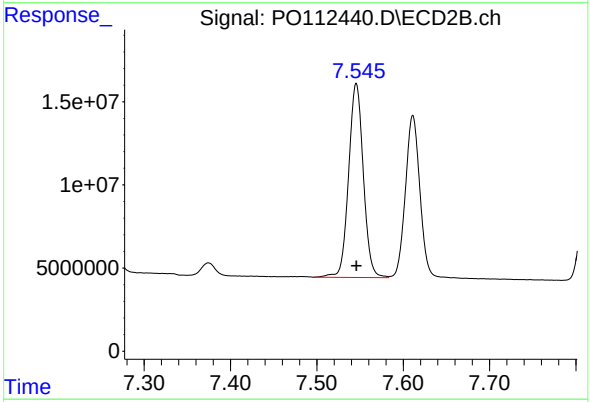
R.T.: 8.640 min
Delta R.T.: -0.001 min
Response: 87026360
Conc: 25.97 ng/ml



#41 AR-1268-1

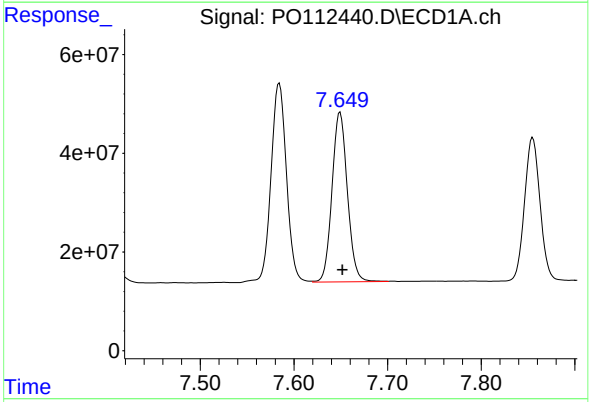
R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 463182645
Conc: 250.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



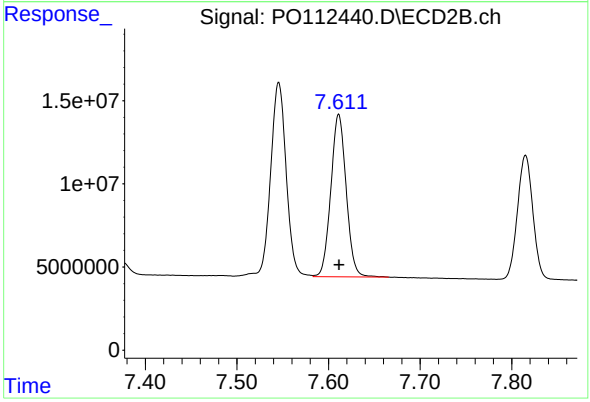
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 137863994
Conc: 258.79 ng/ml



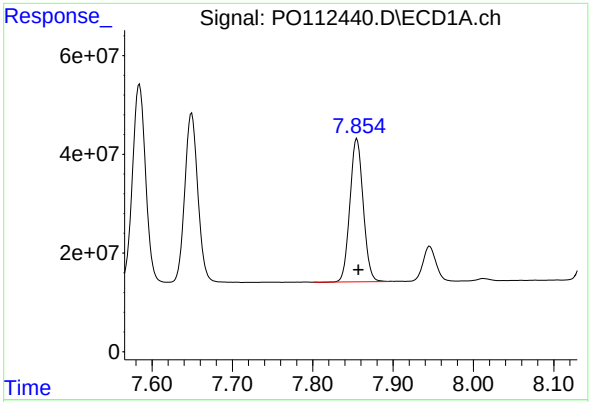
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 391701543
Conc: 251.21 ng/ml



#42 AR-1268-2

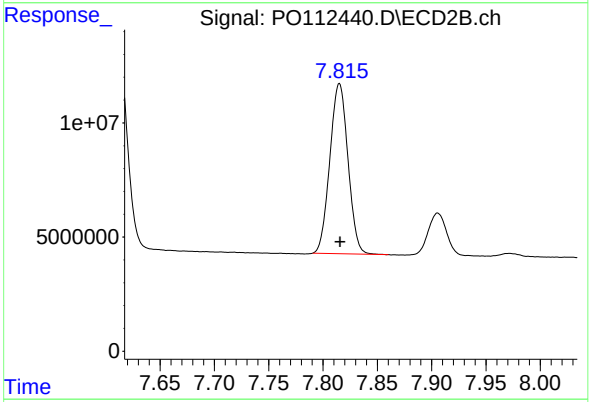
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 113627398
Conc: 260.24 ng/ml



#43 AR-1268-3

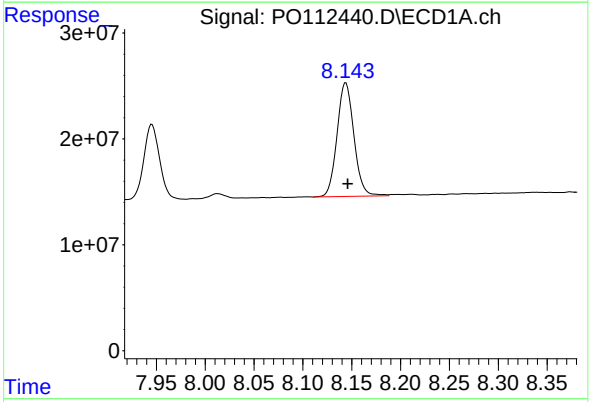
R.T.: 7.855 min
Delta R.T.: -0.002 min
Response: 332303997
Conc: 249.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



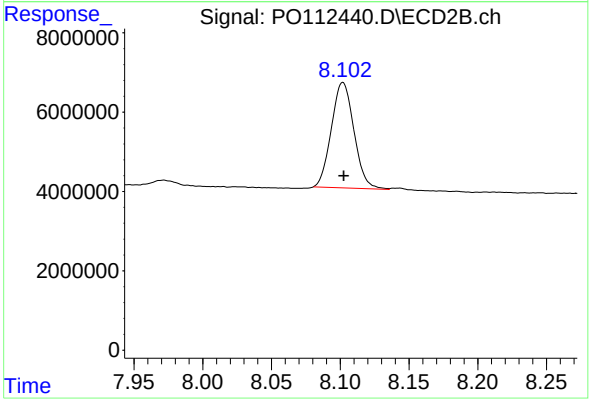
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 86494420
Conc: 261.12 ng/ml



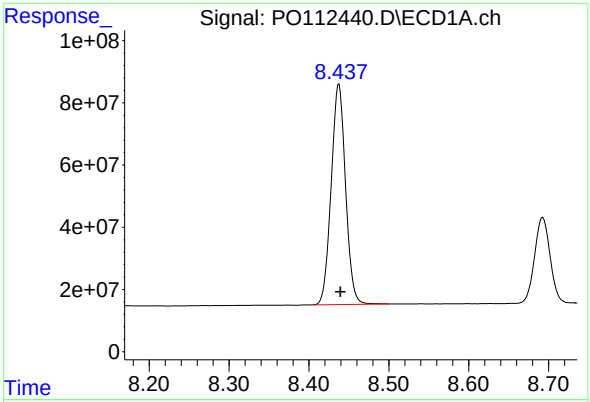
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 128993948
Conc: 250.73 ng/ml



#44 AR-1268-4

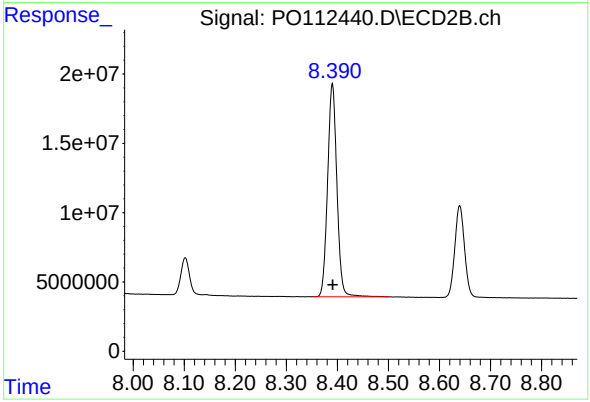
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 30404180
Conc: 264.85 ng/ml



#45 AR-1268-5

R.T.: 8.438 min
Delta R.T.: -0.002 min
Response: 884148704
Conc: 248.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.390 min
Delta R.T.: 0.000 min
Response: 195108104
Conc: 257.12 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:47
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: Jul 24 04:27:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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...	3.670	3.662	32580103	20954895	3.514	3.781
2) SA	Decachlor...	8.695	8.641	54814922	13633947	3.709	4.068
	Target Compounds						
41) L9	AR-1268-1	7.587	7.546	70515596	23692896	38.106	44.474
42) L9	AR-1268-2	7.653	7.612	58352509	19332274	37.423	44.277
43) L9	AR-1268-3	7.857	7.816	49192646	14292573	36.896	43.148
44) L9	AR-1268-4	8.148	8.103	18069640	4642090	35.123	40.438
45) L9	AR-1268-5	8.441	8.391	129.1E6	30999751	36.236	40.853

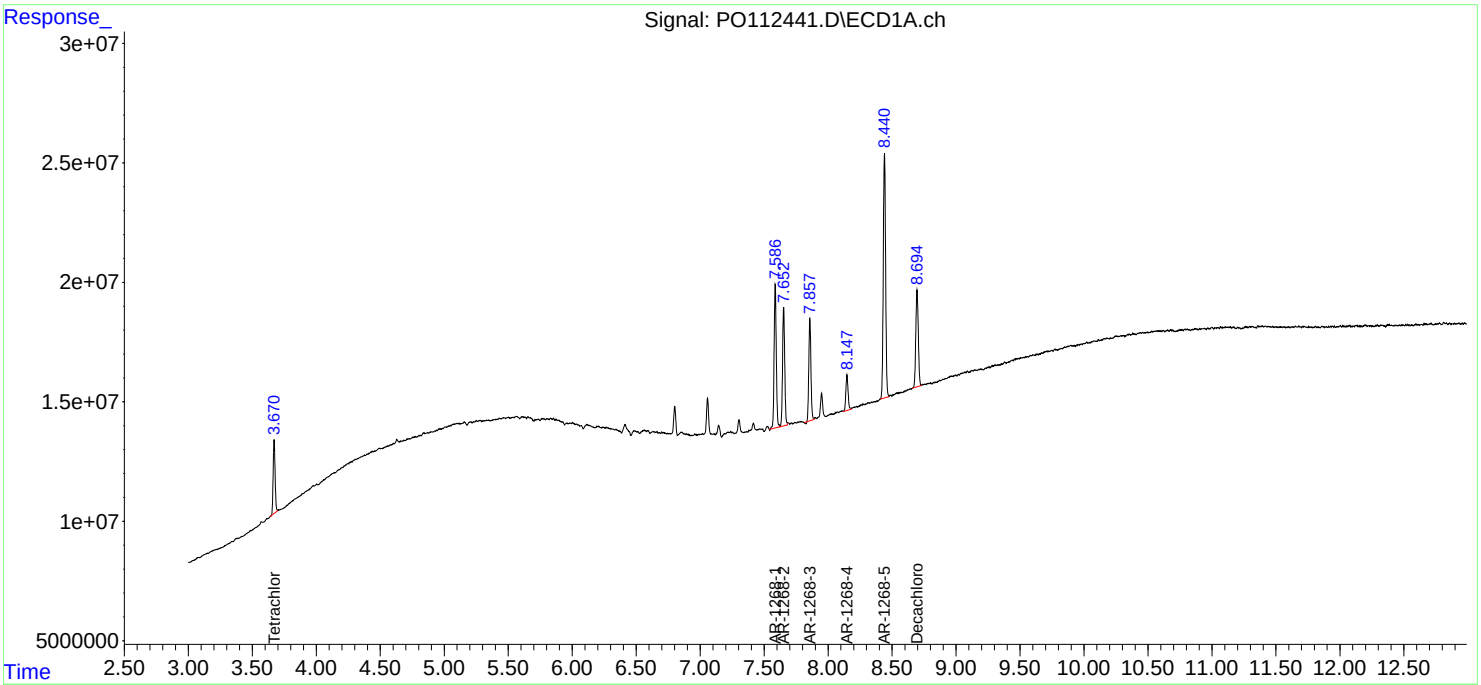
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

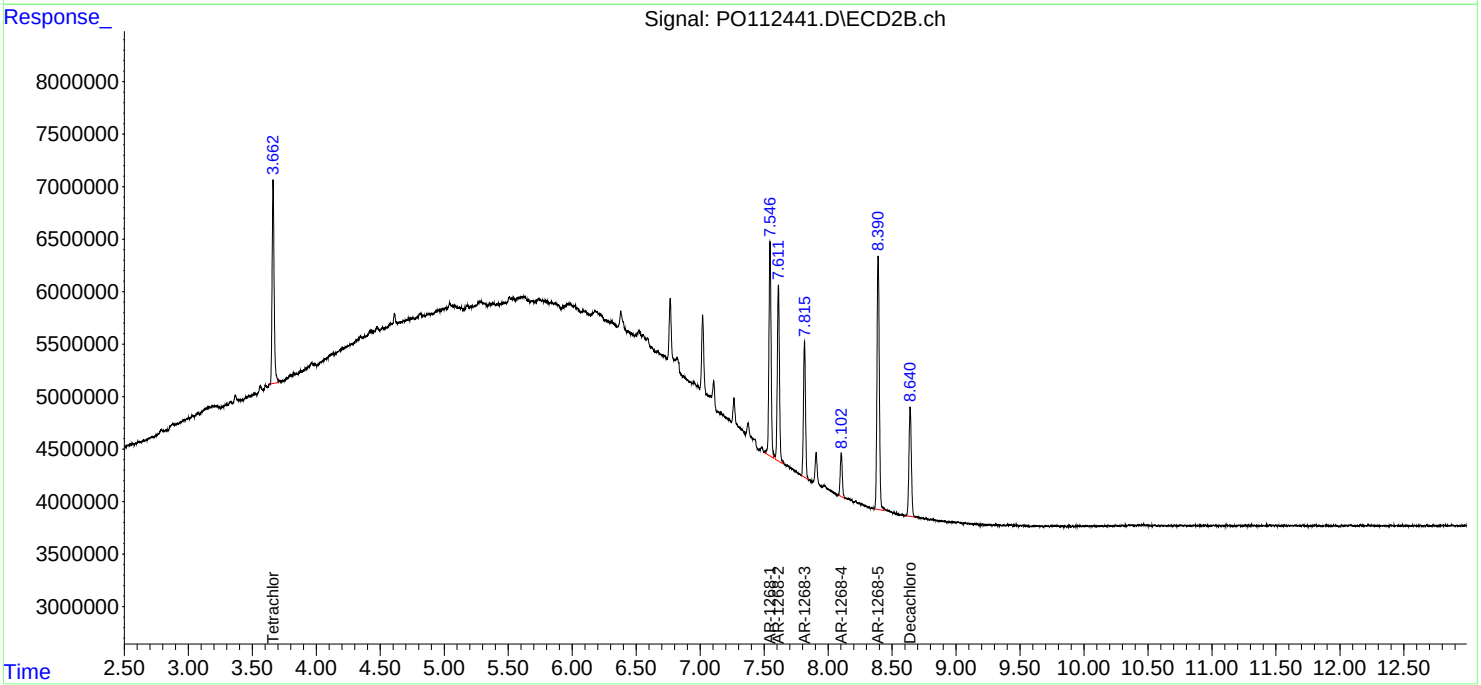
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:47
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

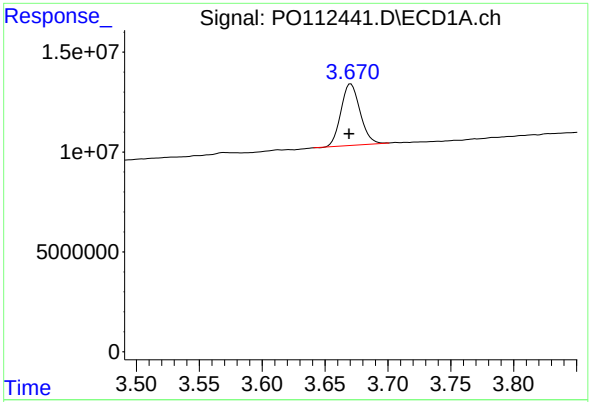
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:27:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:26:17 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



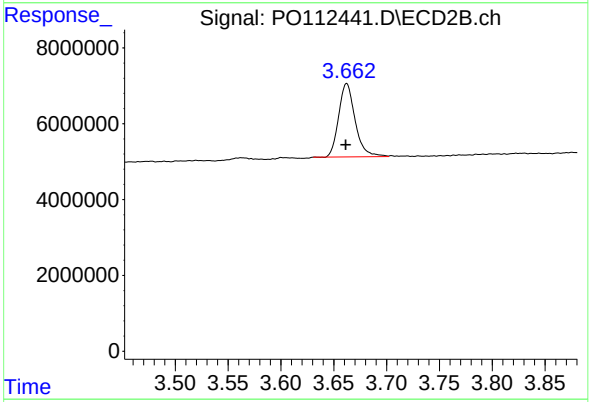




#1 Tetrachloro-m-xylene

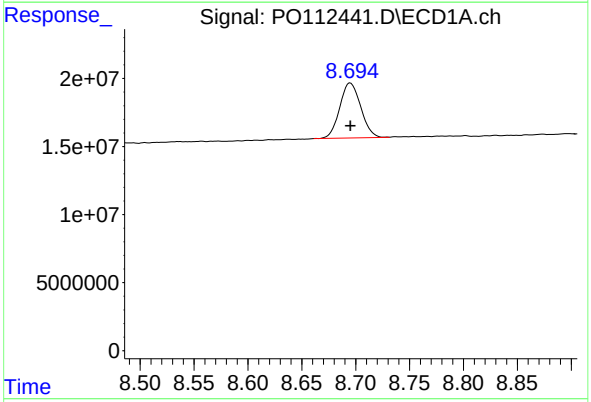
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 32580103
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



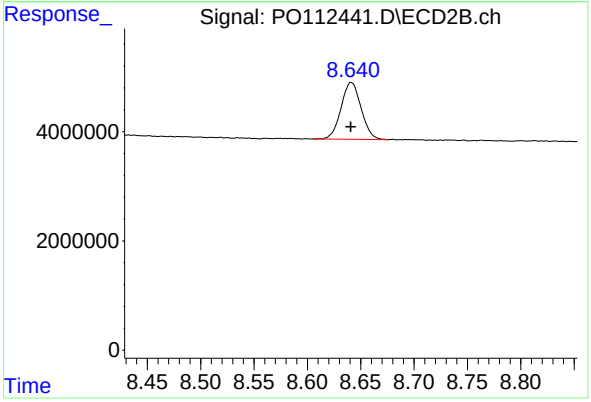
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 20954895
Conc: 3.78 ng/ml



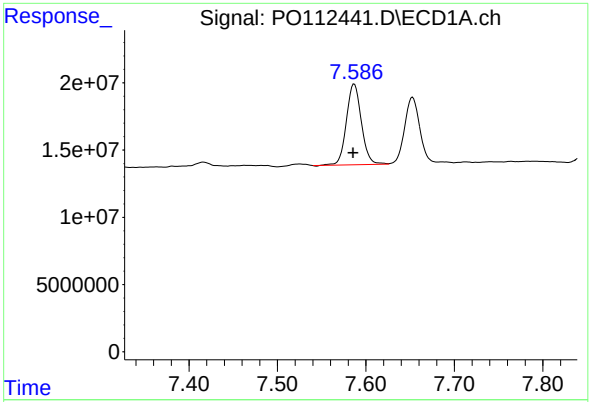
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 54814922
Conc: 3.71 ng/ml



#2 Decachlorobiphenyl

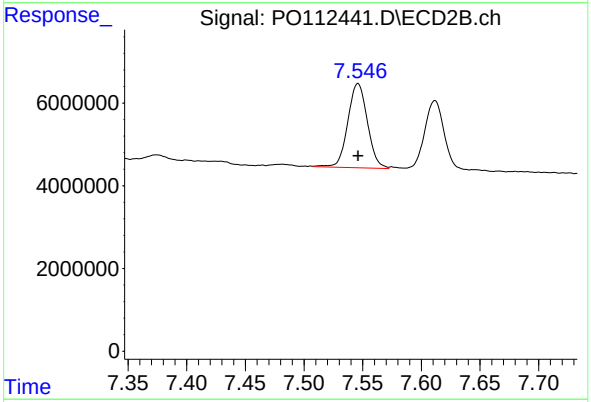
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 13633947
Conc: 4.07 ng/ml



#41 AR-1268-1

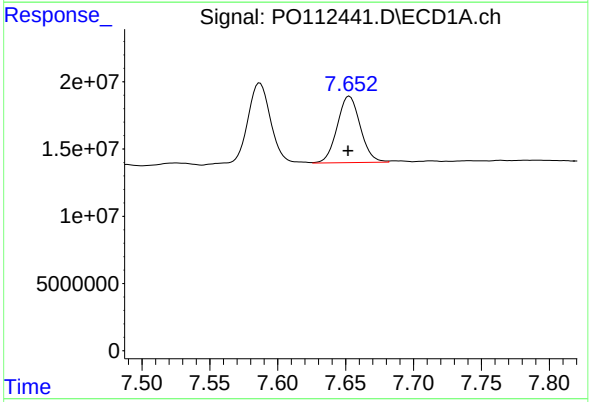
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 70515596
Conc: 38.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



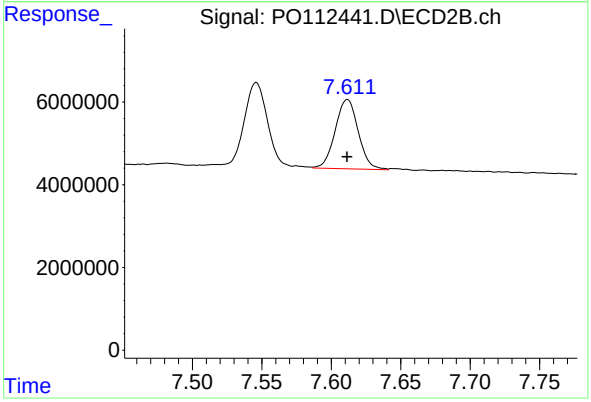
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 23692896
Conc: 44.47 ng/ml



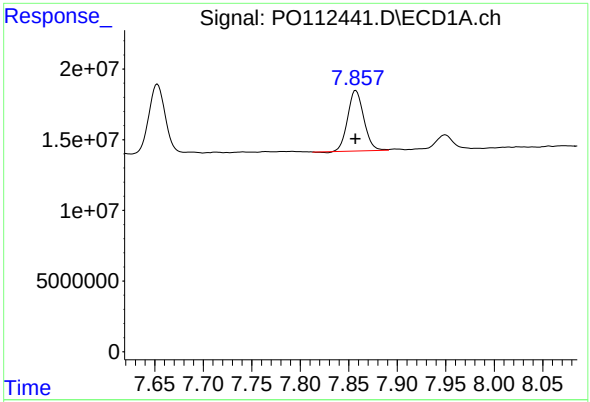
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.001 min
Response: 58352509
Conc: 37.42 ng/ml



#42 AR-1268-2

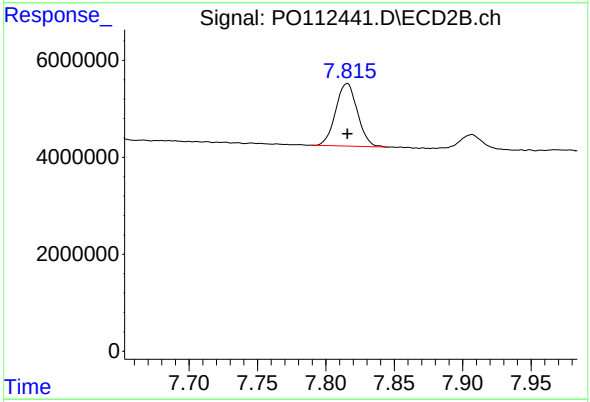
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 19332274
Conc: 44.28 ng/ml



#43 AR-1268-3

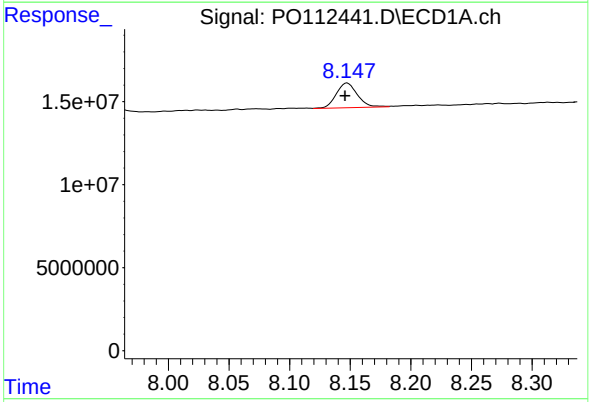
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 49192646
Conc: 36.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



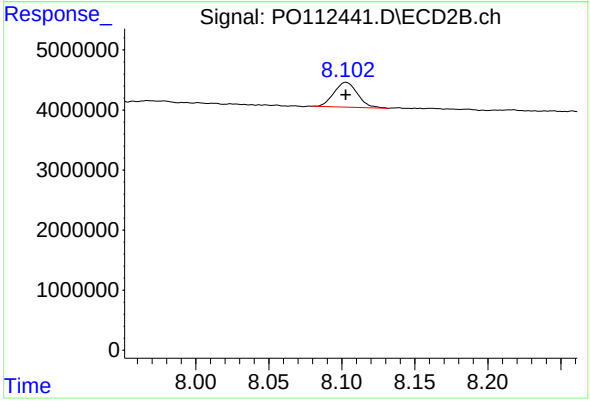
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: 0.000 min
Response: 14292573
Conc: 43.15 ng/ml



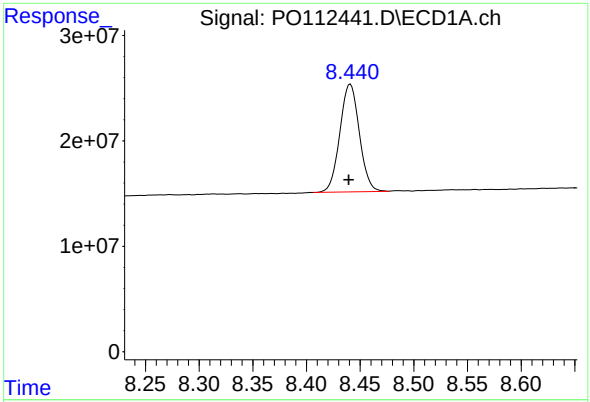
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: 0.002 min
Response: 18069640
Conc: 35.12 ng/ml



#44 AR-1268-4

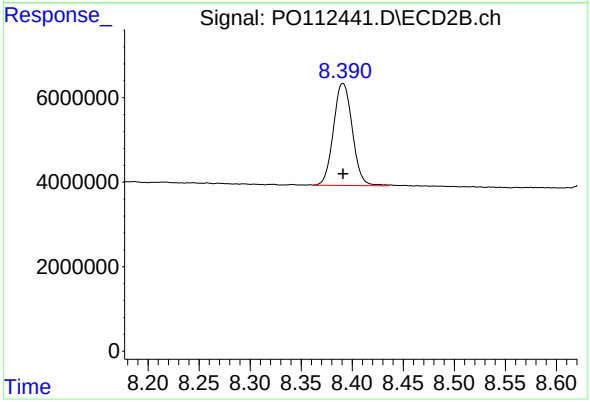
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 4642090
Conc: 40.44 ng/ml



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: 0.002 min
Response: 129056827
Conc: 36.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 30999751
Conc: 40.85 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:05
Operator : YP/AJ
Sample : PO072325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO072325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:04:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.670	3.662	429.5E6	257.8E6	52.813	51.889
2)	SA Decachlor...	8.695	8.640	375.0E6	87671423	51.286	49.613
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	141.9E6	87193424	528.782	498.228
4)	L1 AR-1016-2	4.774	4.756	214.8E6	130.5E6	528.864	500.904
5)	L1 AR-1016-3	4.832	4.931	137.7E6	68749292	526.111	505.634
6)	L1 AR-1016-4	4.951	4.973	109.7E6	56111590	517.883	505.124
7)	L1 AR-1016-5	5.208	5.186	116.9E6	72935368	532.523	508.959
31)	L7 AR-1260-1	6.245	6.214	222.6E6	126.1E6	506.590	507.535
32)	L7 AR-1260-2	6.435	6.402	342.3E6	162.4E6	497.536	492.983
33)	L7 AR-1260-3	6.800	6.553	311.1E6	133.0E6	528.992	517.596
34)	L7 AR-1260-4	7.059	7.023	226.3E6	98281247	501.824	513.726
35)	L7 AR-1260-5	7.303	7.265	621.4E6	214.6E6	501.504	520.509

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

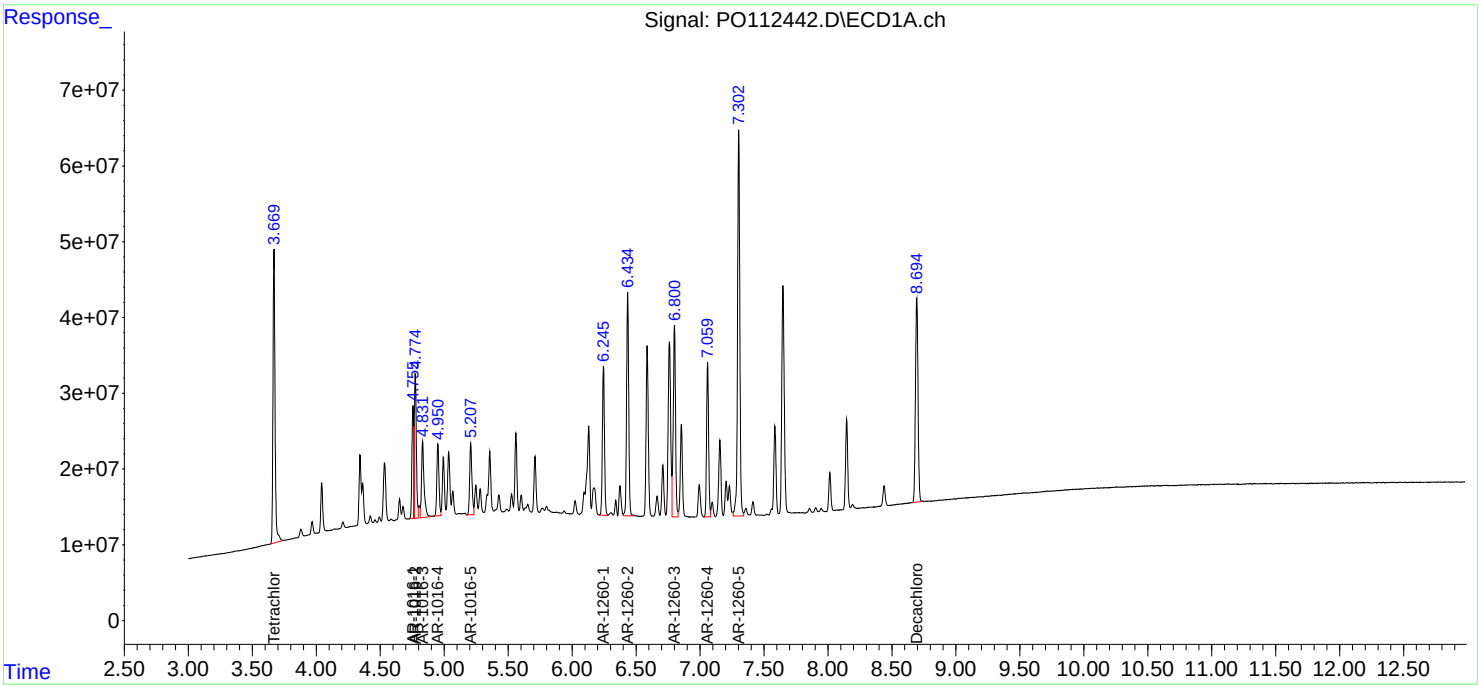
ICAL Form

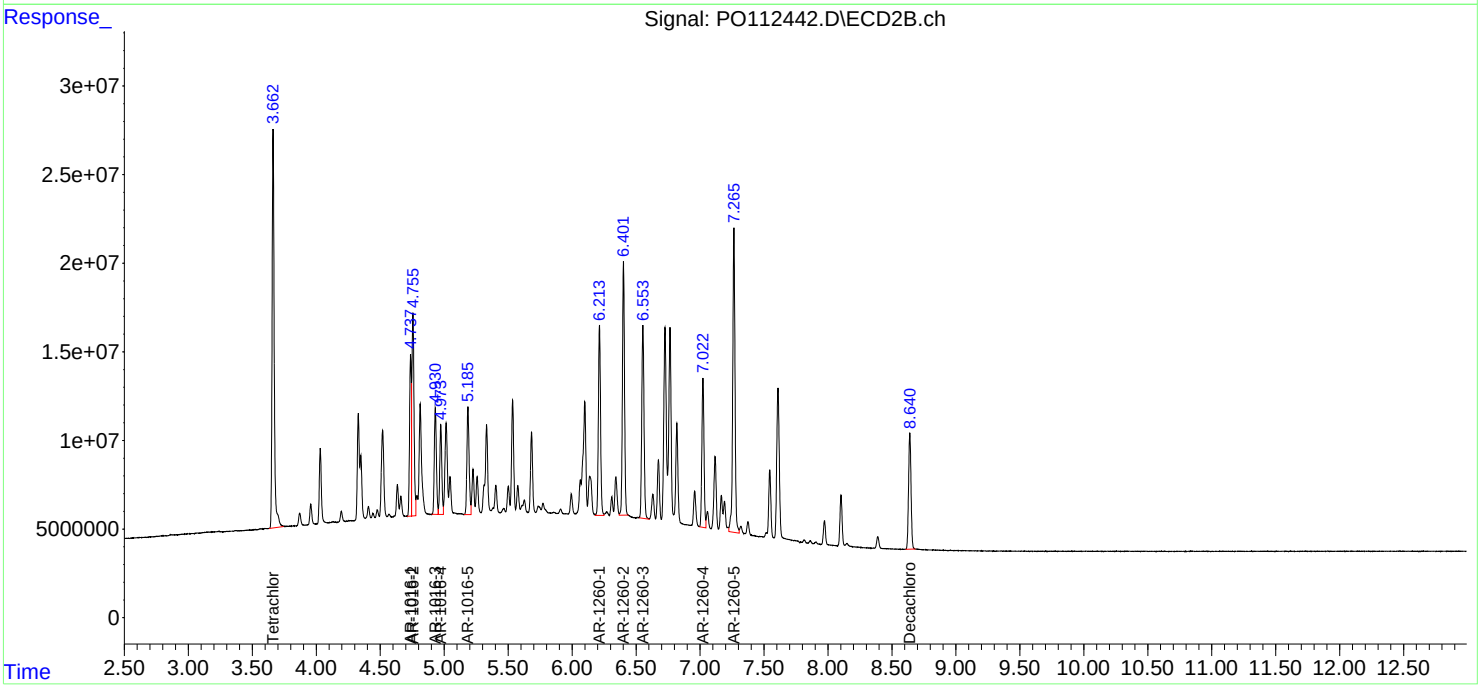
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:05
Operator : YP/AJ
Sample : PO072325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

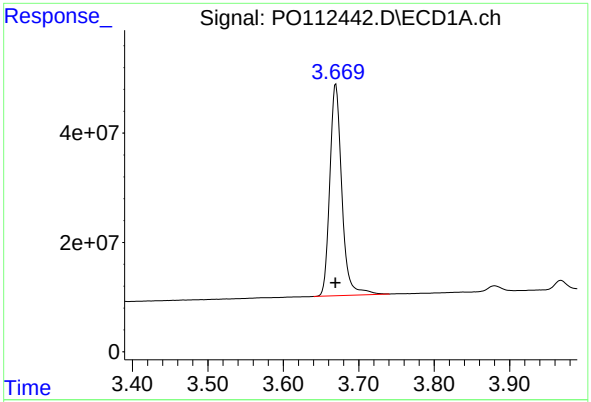
Instrument :
ECD_O
ClientSampleId :
ICVPO072325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:04:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



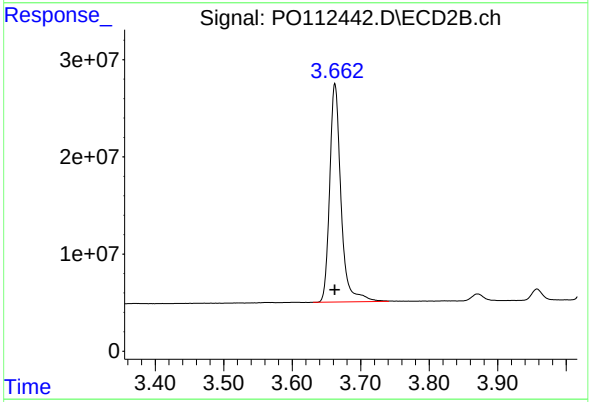




#1 Tetrachloro-m-xylene

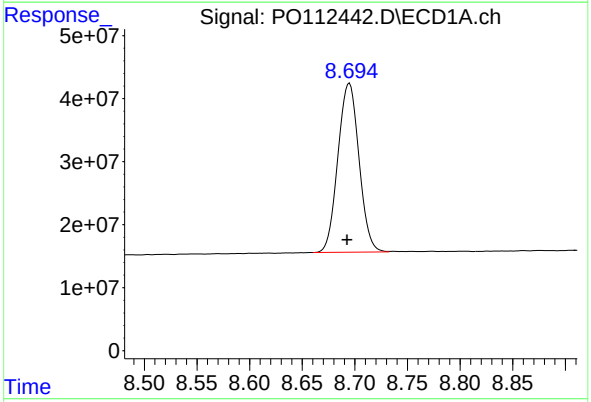
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 429455402
Conc: 52.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



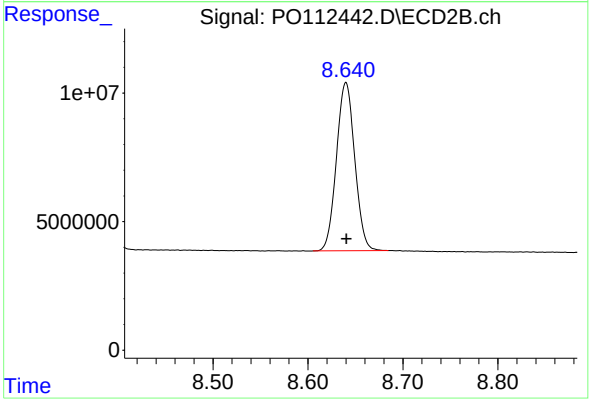
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 257845809
Conc: 51.89 ng/ml



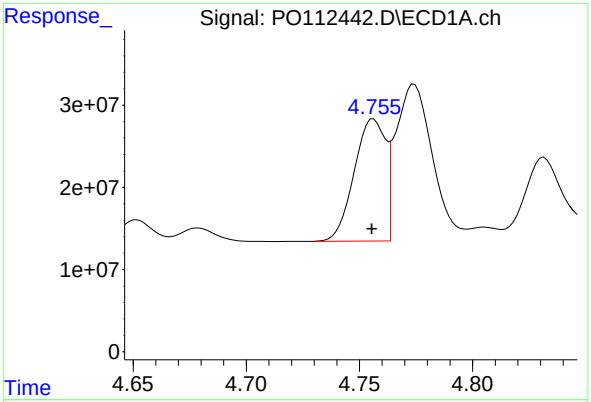
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 374991509
Conc: 51.29 ng/ml



#2 Decachlorobiphenyl

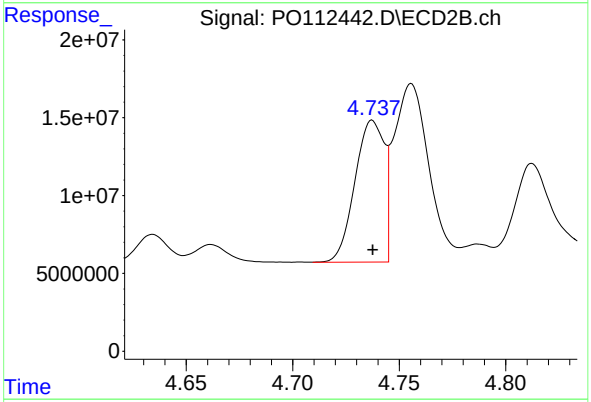
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 87671423
Conc: 49.61 ng/ml



#3 AR-1016-1

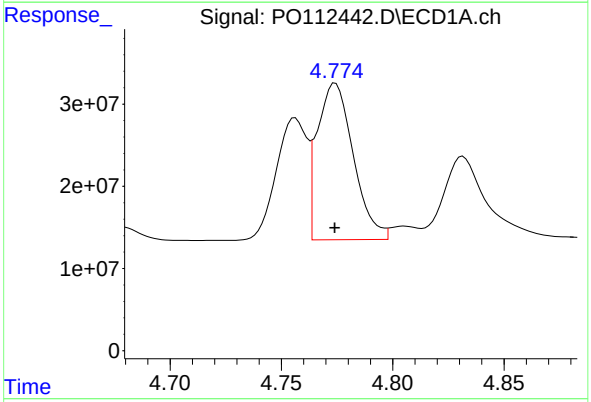
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 141906938
Conc: 528.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



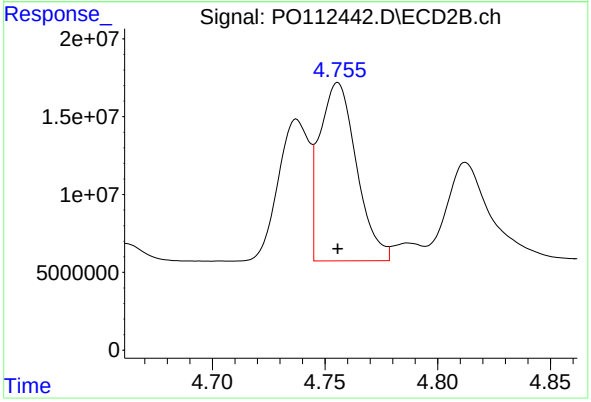
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 87193424
Conc: 498.23 ng/ml



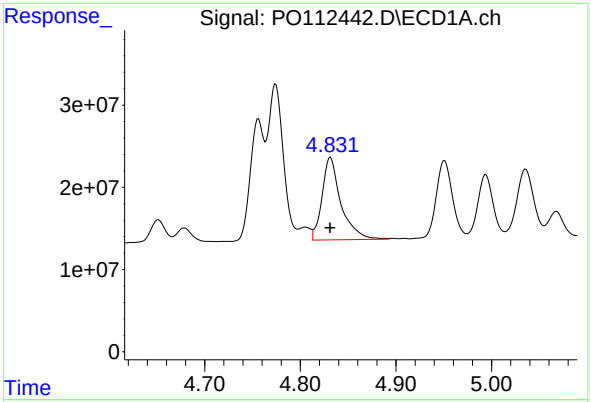
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 214780855
Conc: 528.86 ng/ml



#4 AR-1016-2

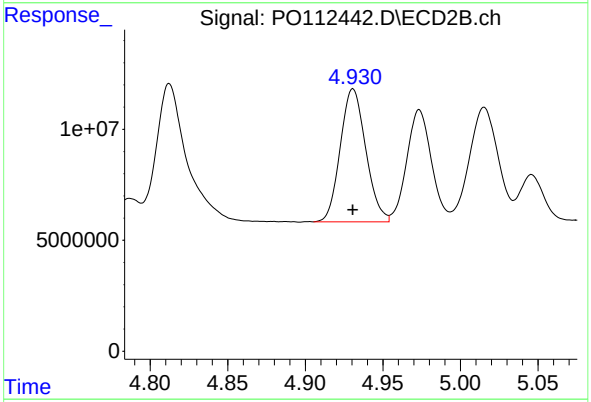
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 130482985
Conc: 500.90 ng/ml



#5 AR-1016-3

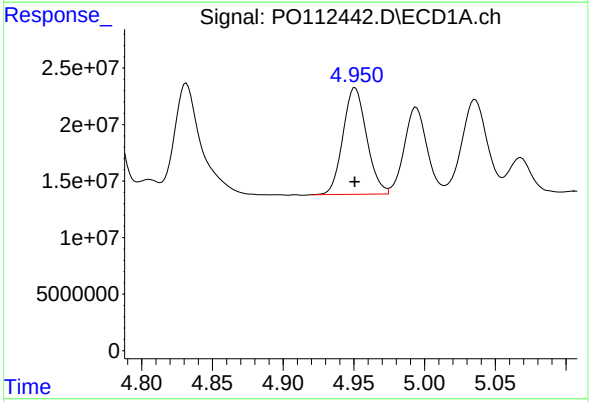
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 137669441
Conc: 526.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



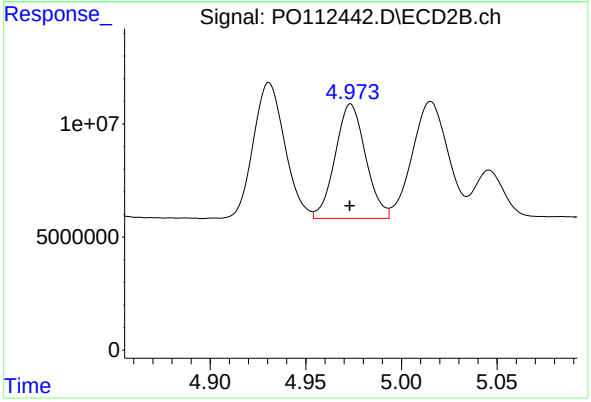
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 68749292
Conc: 505.63 ng/ml



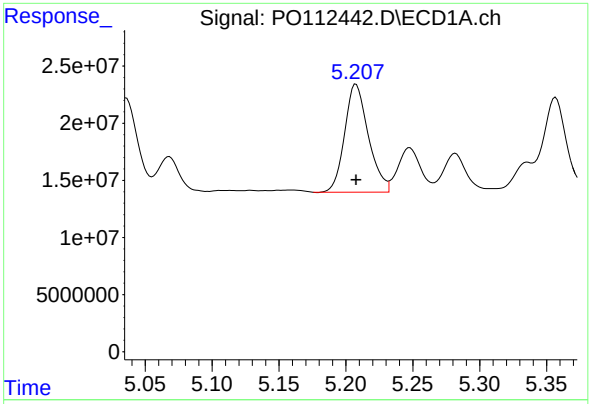
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 109709153
Conc: 517.88 ng/ml



#6 AR-1016-4

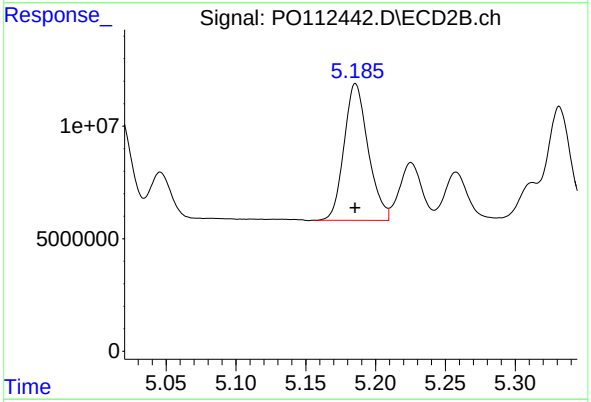
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 56111590
Conc: 505.12 ng/ml



#7 AR-1016-5

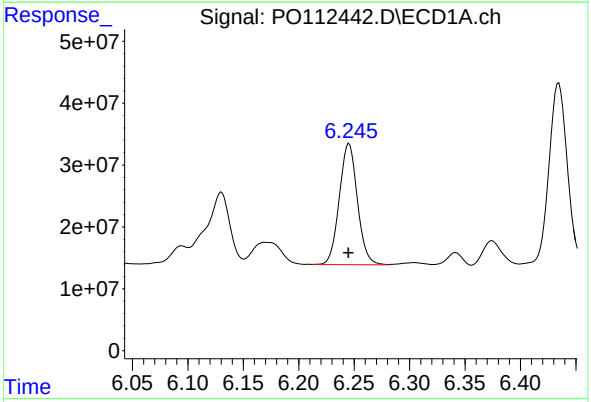
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 116873095
Conc: 532.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



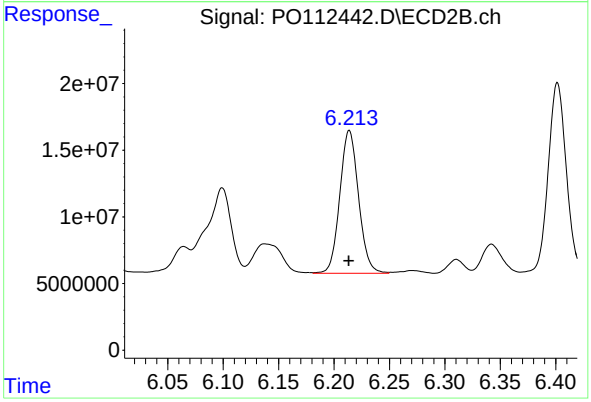
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 72935368
Conc: 508.96 ng/ml



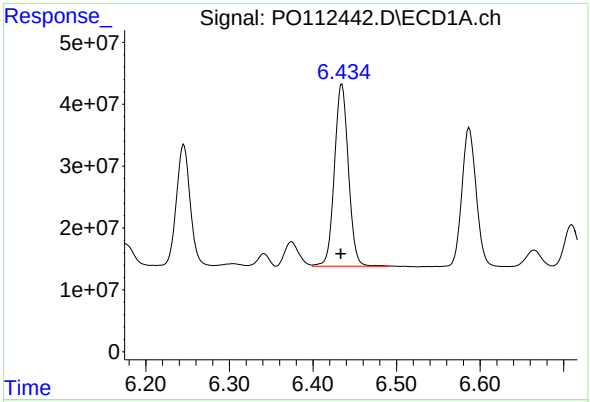
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 222560513
Conc: 506.59 ng/ml



#31 AR-1260-1

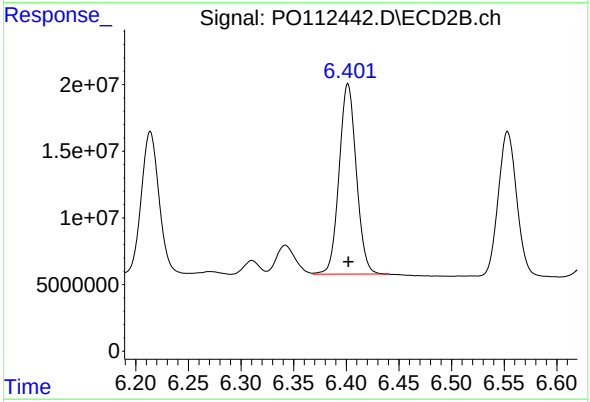
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 126128146
Conc: 507.54 ng/ml



#32 AR-1260-2

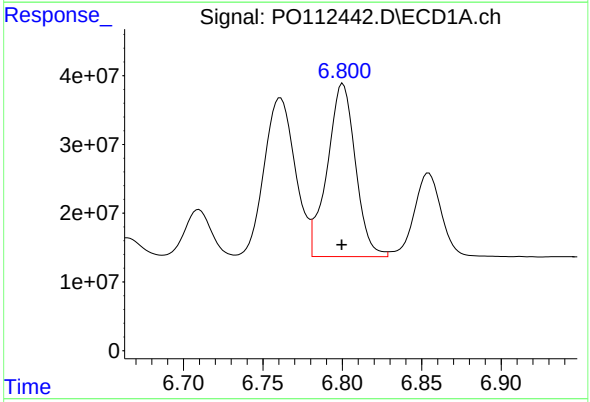
R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 342251594
Conc: 497.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



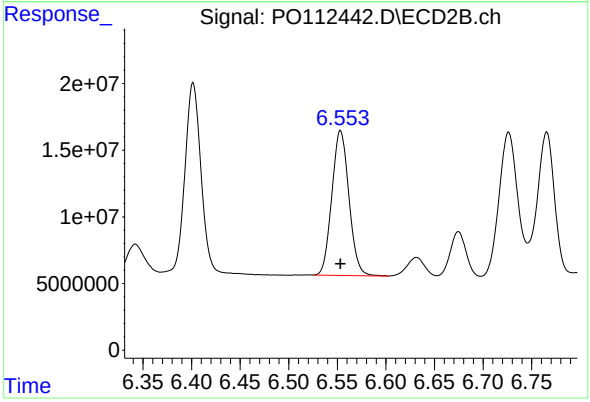
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 162434681
Conc: 492.98 ng/ml



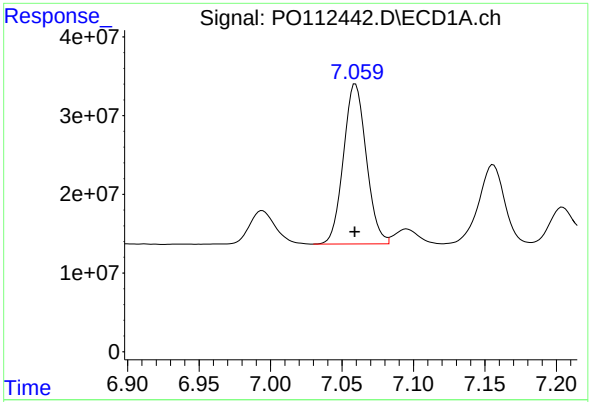
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 311057482
Conc: 528.99 ng/ml



#33 AR-1260-3

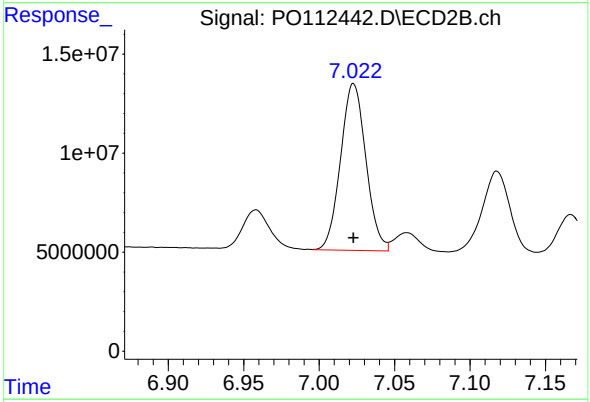
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 132981251
Conc: 517.60 ng/ml



#34 AR-1260-4

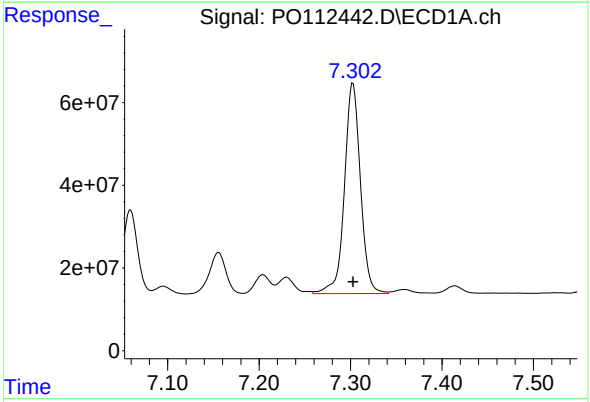
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 226325062
Conc: 501.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



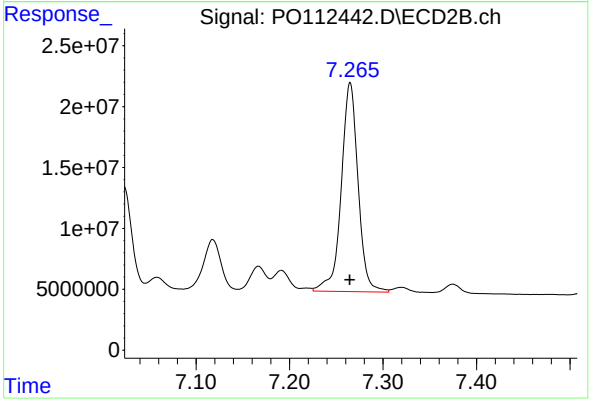
#34 AR-1260-4

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 98281247
Conc: 513.73 ng/ml



#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 621432684
Conc: 501.50 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 214550458
Conc: 520.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:42
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:04:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.670	3.663	460.7E6	275.9E6	56.651	55.526
2)	SA Decachlor...	8.694	8.640	401.5E6	93838611	54.911	53.103
	Target Compounds						
16)	L4 AR-1242-1	4.756	4.738	129.0E6	80174107	521.171	506.169
17)	L4 AR-1242-2	4.776	4.756	194.8E6	118.6E6	526.705	507.457
18)	L4 AR-1242-3	4.832	4.931	123.7E6	62408526	522.828	514.968
19)	L4 AR-1242-4	4.952	5.015	99083869	61266680	510.009	499.161
20)	L4 AR-1242-5	5.603	5.535	107.3E6	81609556	501.589	506.982

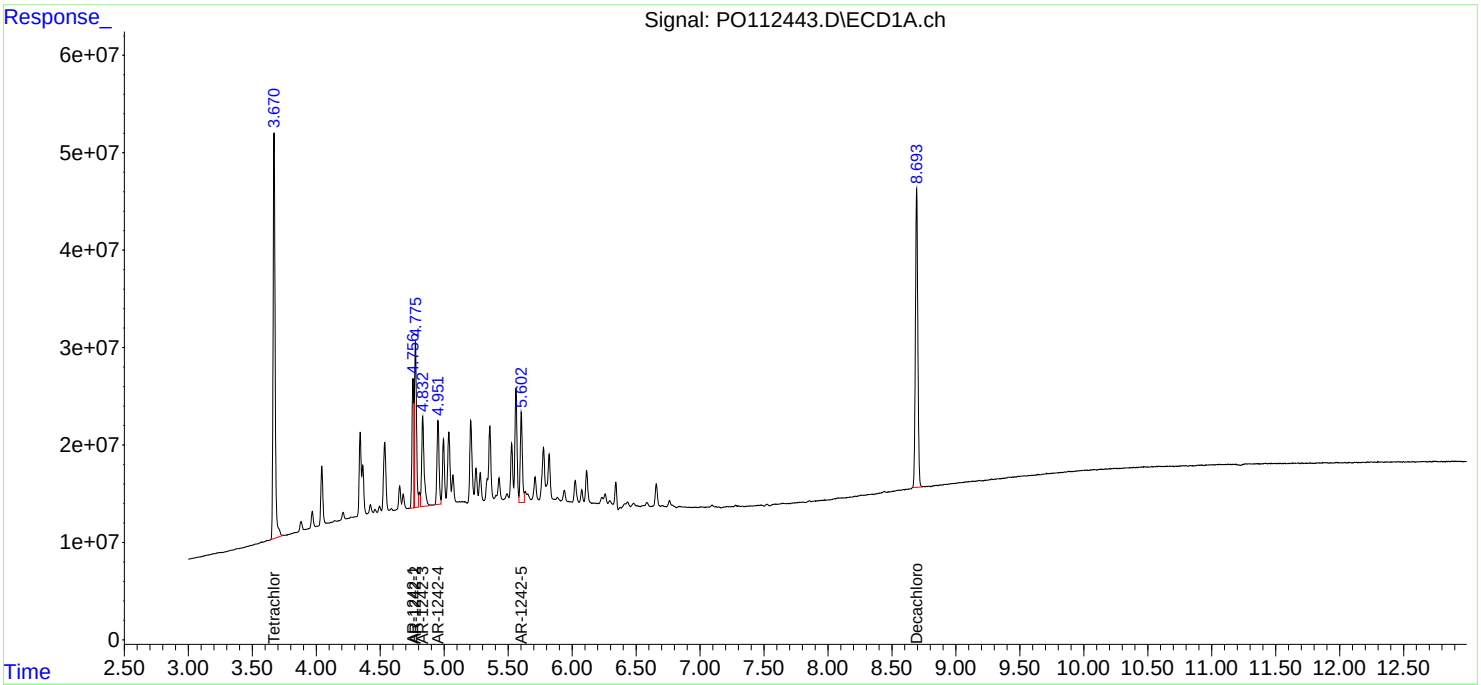
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

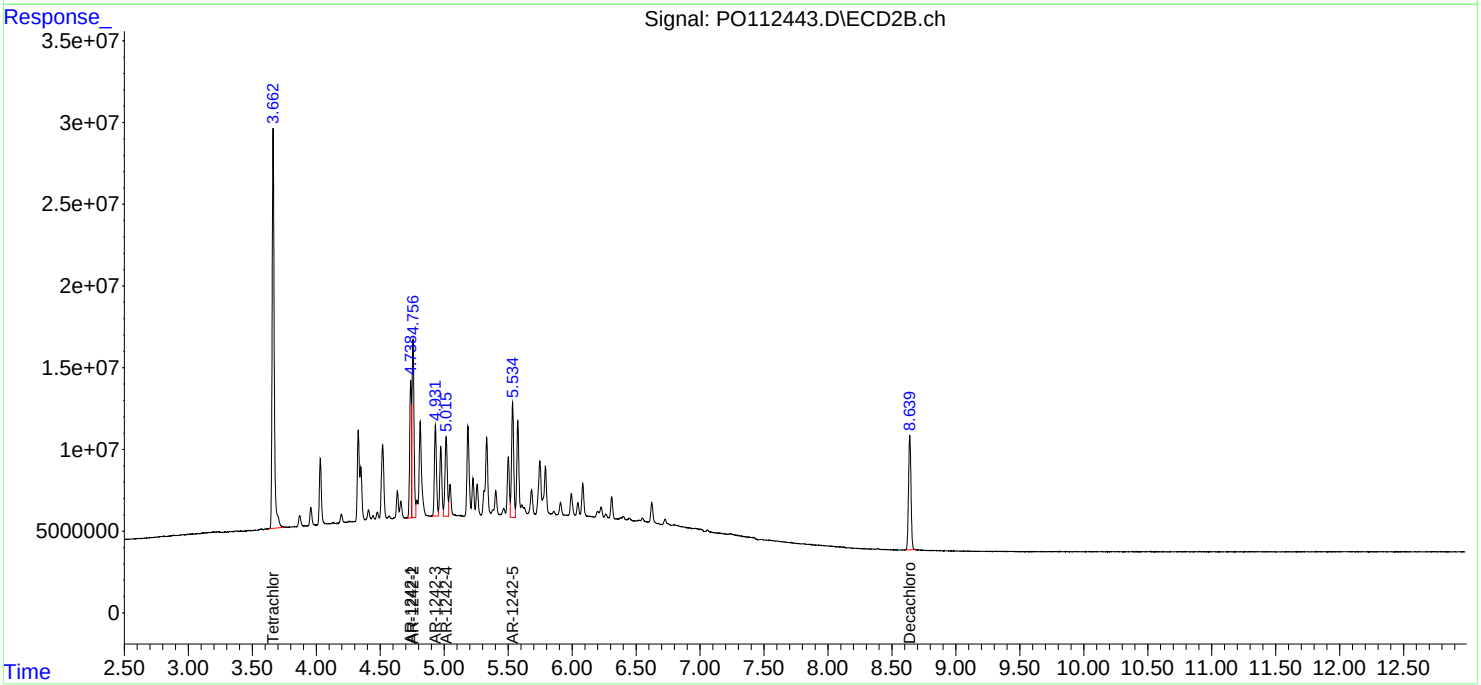
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:42
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

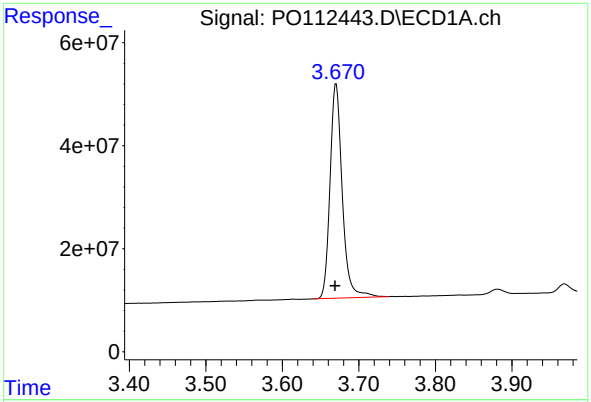
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:04:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



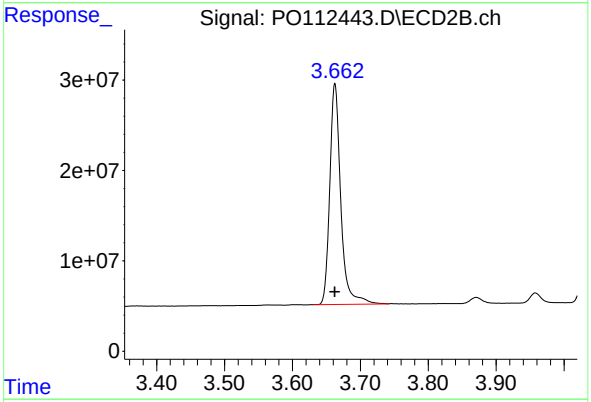




#1 Tetrachloro-m-xylene

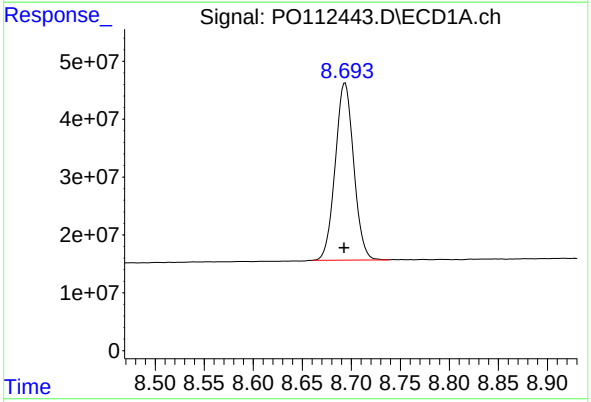
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 460660306
Conc: 56.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



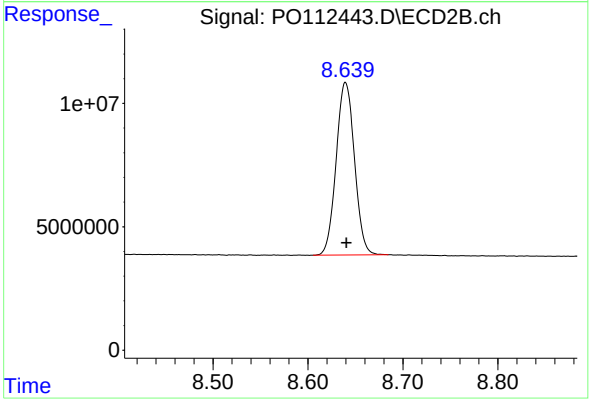
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 275918957
Conc: 55.53 ng/ml



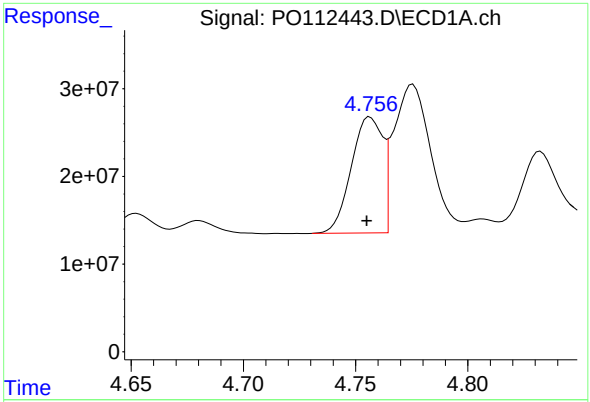
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 401498785
Conc: 54.91 ng/ml



#2 Decachlorobiphenyl

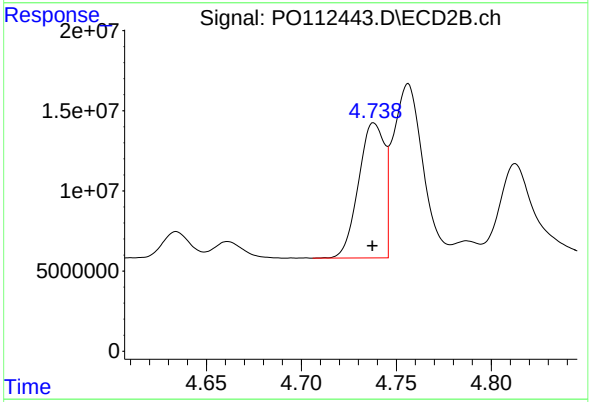
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 93838611
Conc: 53.10 ng/ml



#16 AR-1242-1

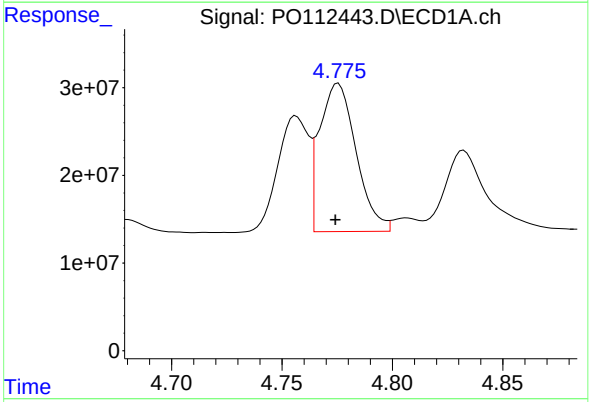
R.T.: 4.756 min
Delta R.T.: 0.001 min
Response: 129037672
Conc: 521.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



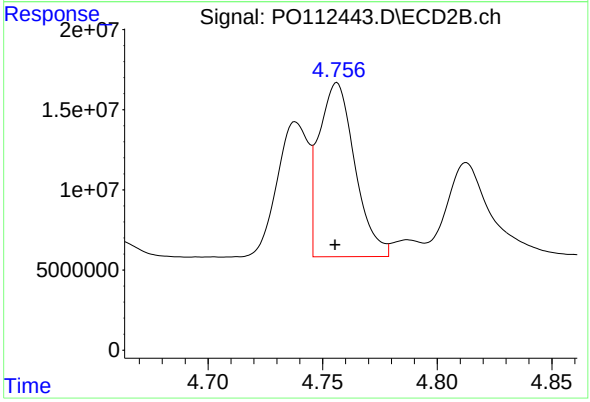
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 80174107
Conc: 506.17 ng/ml



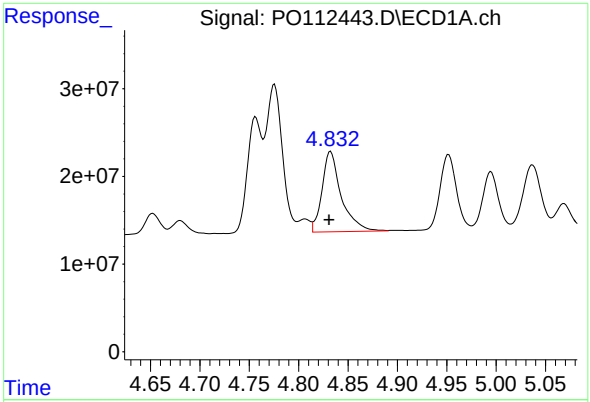
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 194771971
Conc: 526.70 ng/ml



#17 AR-1242-2

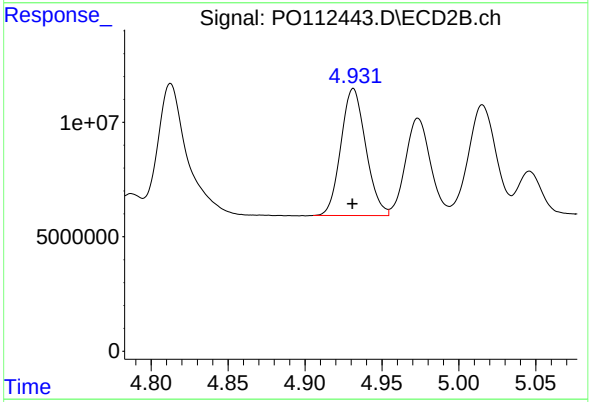
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 118575765
Conc: 507.46 ng/ml



#18 AR-1242-3

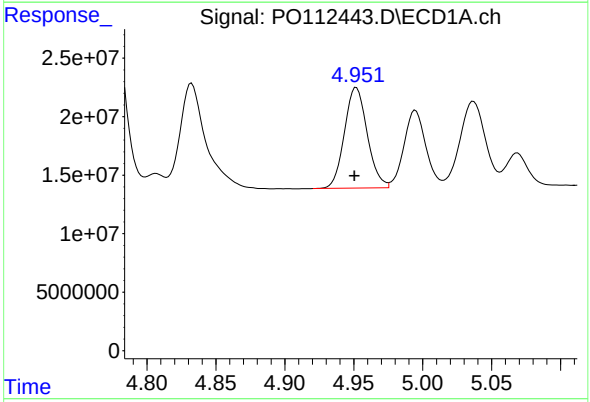
R.T.: 4.832 min
Delta R.T.: 0.002 min
Response: 123731413
Conc: 522.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



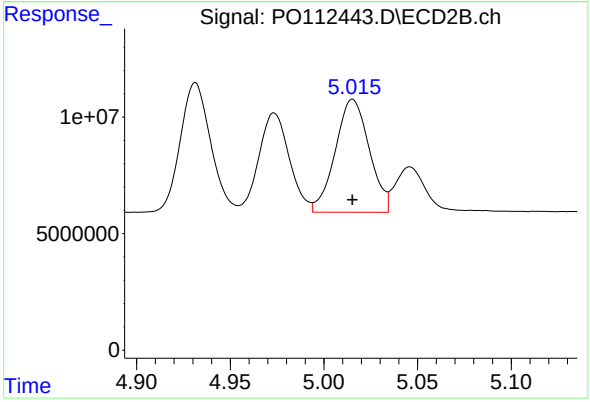
#18 AR-1242-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 62408526
Conc: 514.97 ng/ml



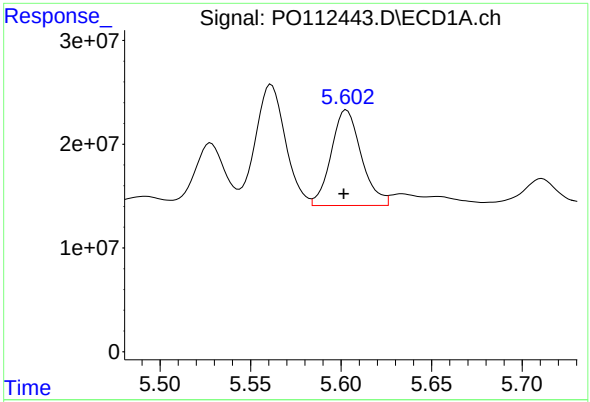
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: 0.001 min
Response: 99083869
Conc: 510.01 ng/ml



#19 AR-1242-4

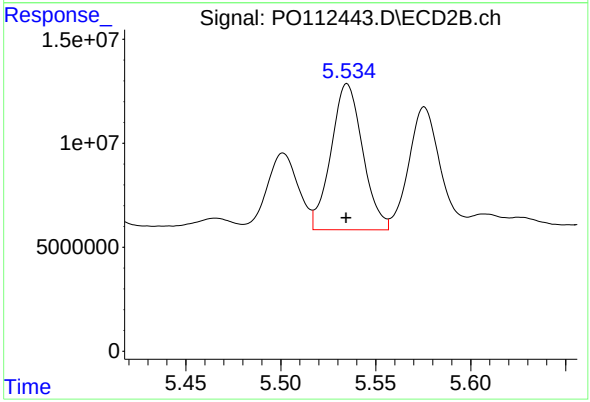
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 61266680
Conc: 499.16 ng/ml



#20 AR-1242-5

R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 107297707
Conc: 501.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 81609556
Conc: 506.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:18
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:04:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.670	3.662	452.2E6	269.7E6	55.615	54.268
2)	SA Decachlor...	8.694	8.641	403.2E6	94089624	55.141	53.245
	Target Compounds						
21)	L5 AR-1248-1	4.755	4.737	96403586	60735474	514.952	499.842
22)	L5 AR-1248-2	4.994	4.973	132.8E6	84845389	520.457	501.214
23)	L5 AR-1248-3	5.207	5.015	170.0E6	89430727	494.627	503.418
24)	L5 AR-1248-4	5.560	5.185	261.6E6	105.8E6	514.800	507.962
25)	L5 AR-1248-5	5.602	5.576	177.0E6	109.0E6	506.243	507.656

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

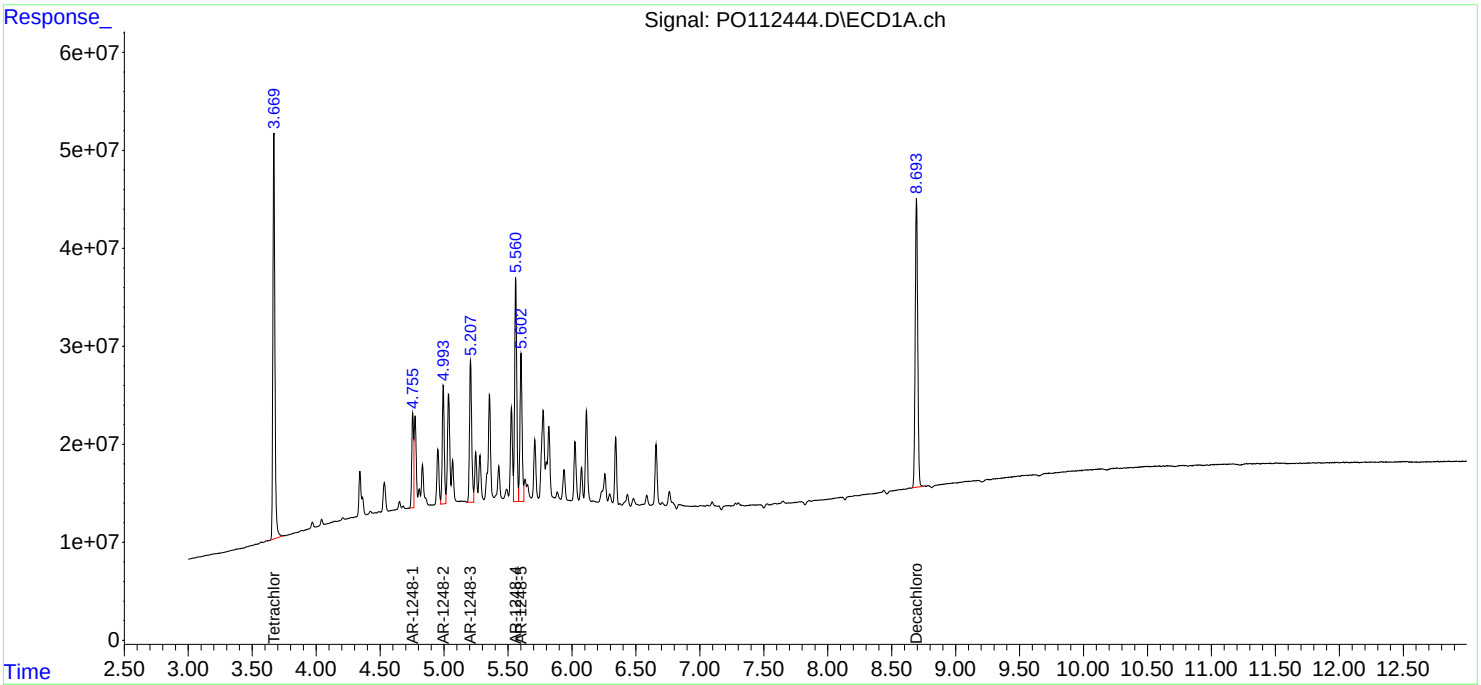
ICAL Form

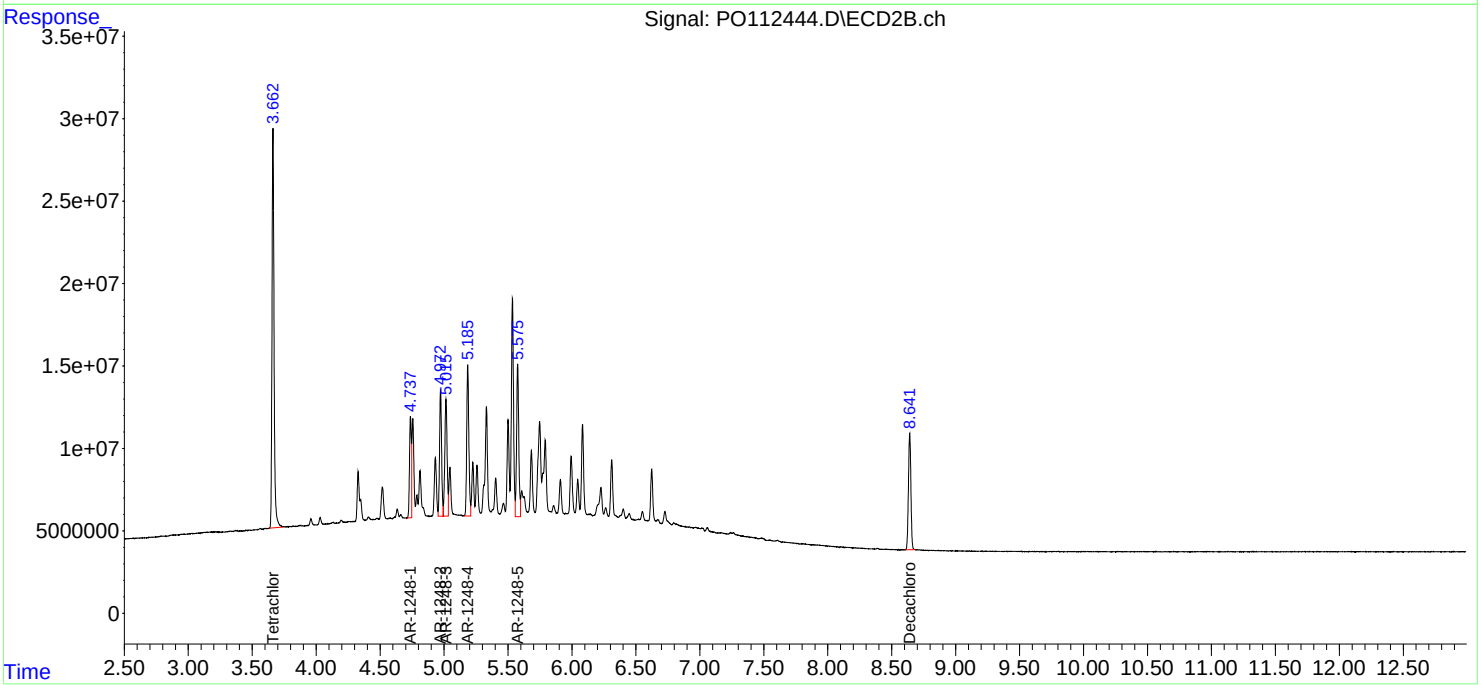
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:18
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

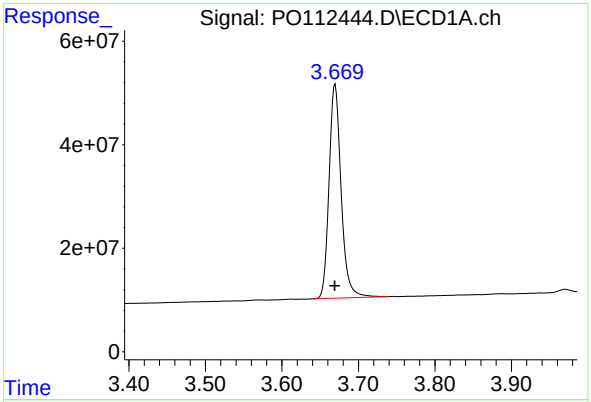
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:04:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



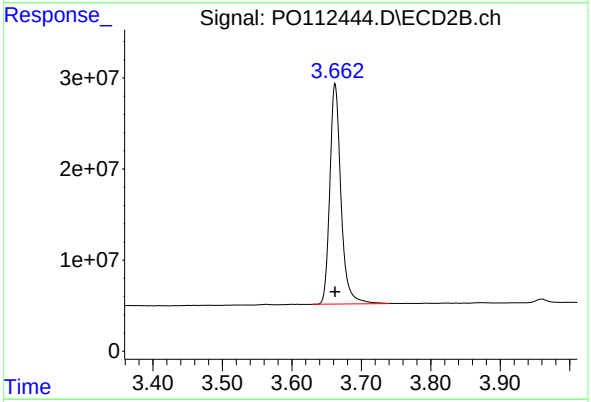




#1 Tetrachloro-m-xylene

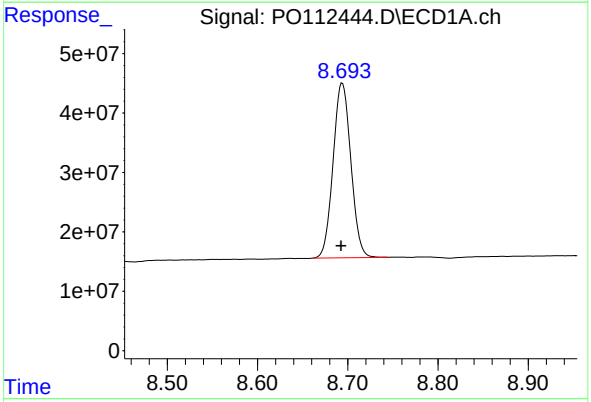
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 452237643
Conc: 55.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



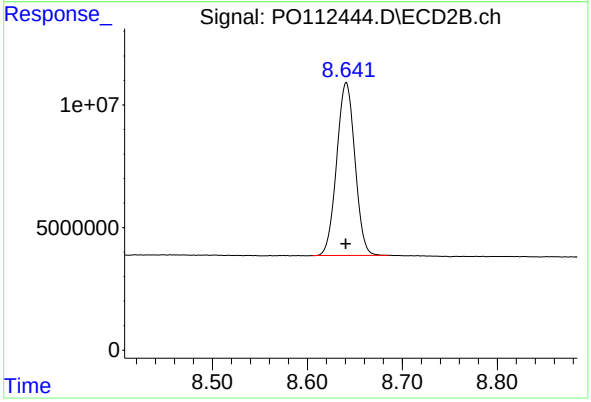
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 269667822
Conc: 54.27 ng/ml



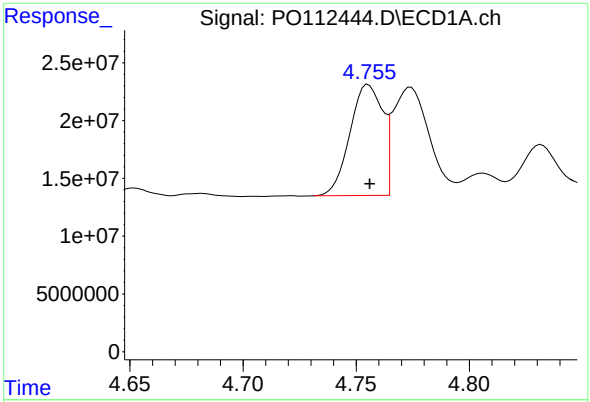
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.001 min
Response: 403182686
Conc: 55.14 ng/ml



#2 Decachlorobiphenyl

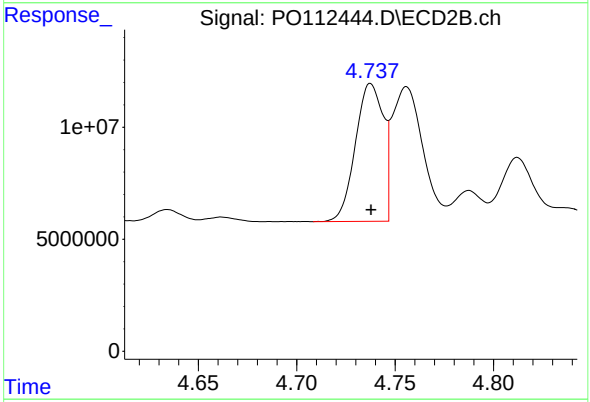
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 94089624
Conc: 53.24 ng/ml



#21 AR-1248-1

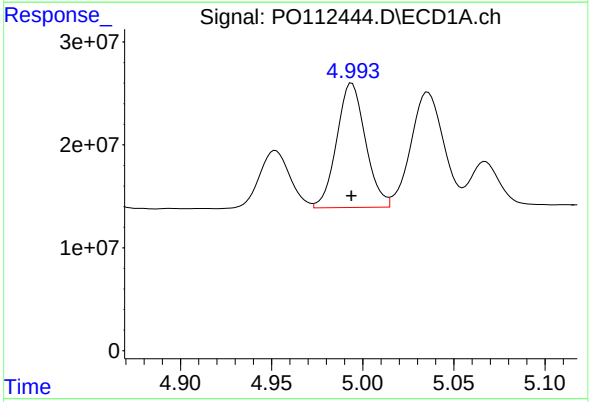
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 96403586
Conc: 514.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



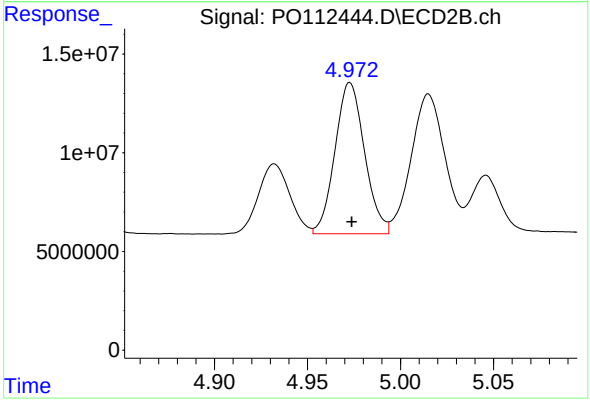
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 60735474
Conc: 499.84 ng/ml



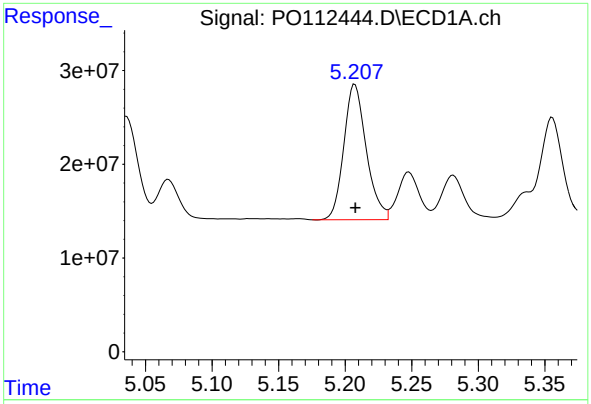
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 132775009
Conc: 520.46 ng/ml



#22 AR-1248-2

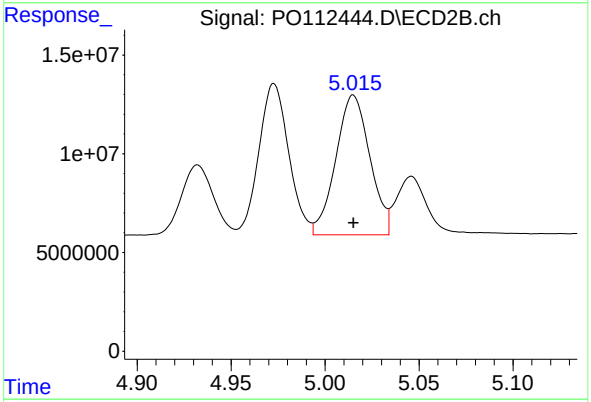
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 84845389
Conc: 501.21 ng/ml



#23 AR-1248-3

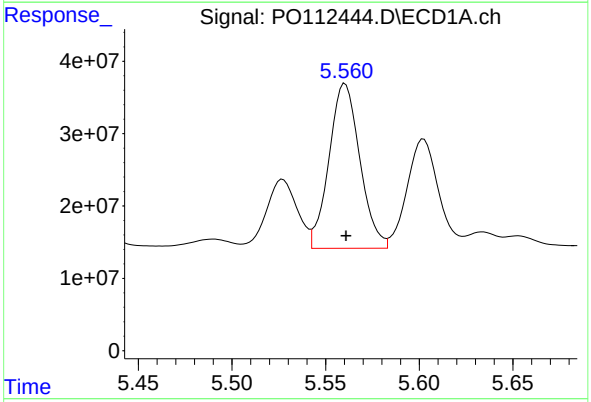
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 170003864
Conc: 494.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



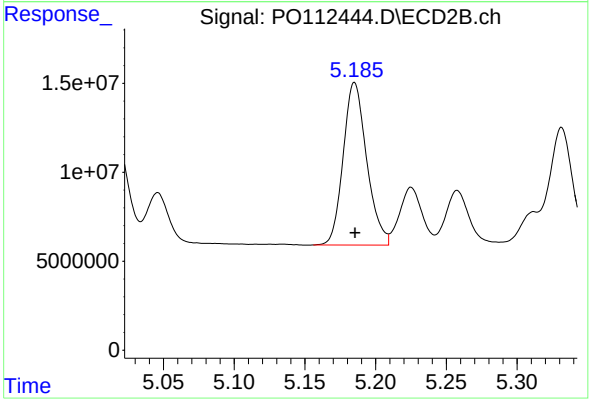
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 89430727
Conc: 503.42 ng/ml



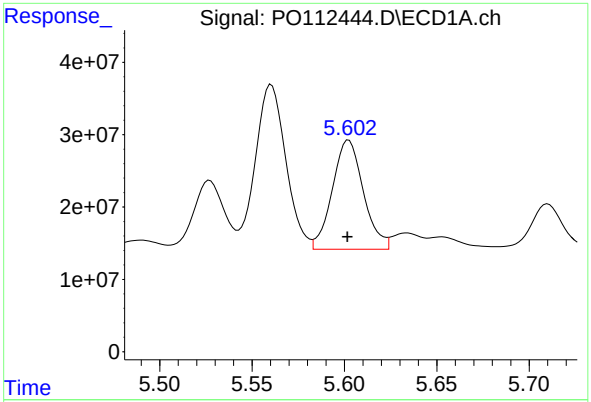
#24 AR-1248-4

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 261558200
Conc: 514.80 ng/ml



#24 AR-1248-4

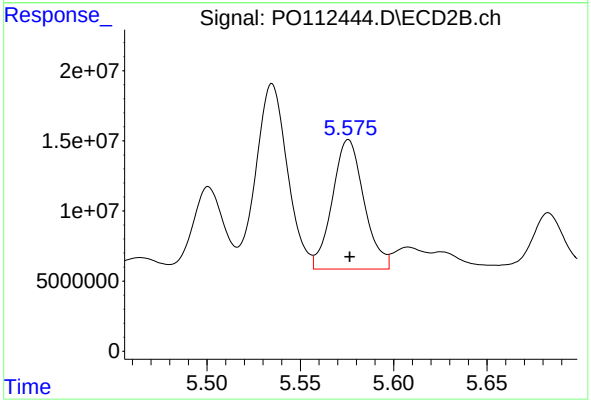
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 105836252
Conc: 507.96 ng/ml



#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 176978025
Conc: 506.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 109026784
Conc: 507.66 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:54
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:05:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.669	3.662	445.4E6	266.6E6	54.778	53.658
2)	SA Decachlor...	8.693	8.639	391.6E6	91844886	53.551	51.975
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.534	276.3E6	163.9E6	503.299	498.849
27)	L6 AR-1254-2	5.711	5.683	249.7E6	144.3E6	513.931	498.389
28)	L6 AR-1254-3	6.114	6.083	379.5E6	213.7E6	509.918	499.814
29)	L6 AR-1254-4	6.342	6.310	247.0E6	123.1E6	449.340	450.950
30)	L6 AR-1254-5	6.761	6.726	356.3E6	167.5E6	503.357	501.388

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

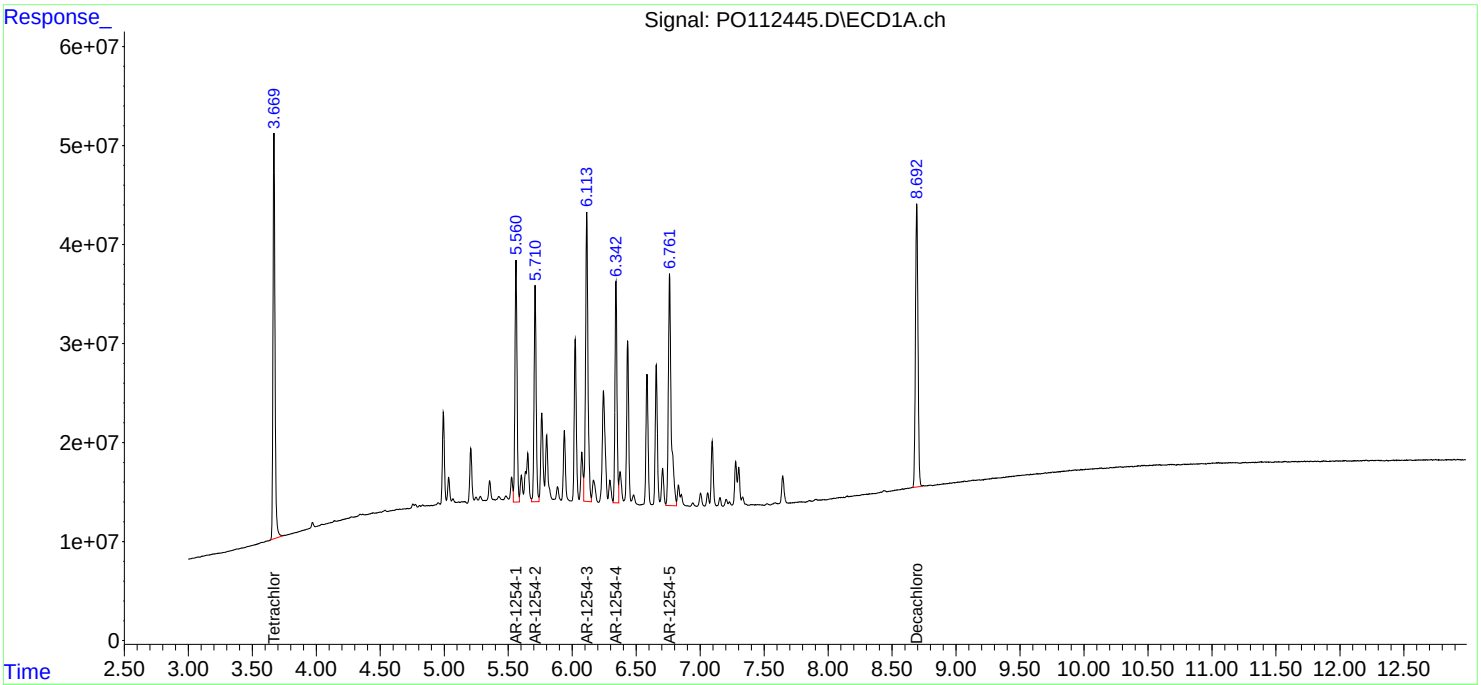
ICAL Form

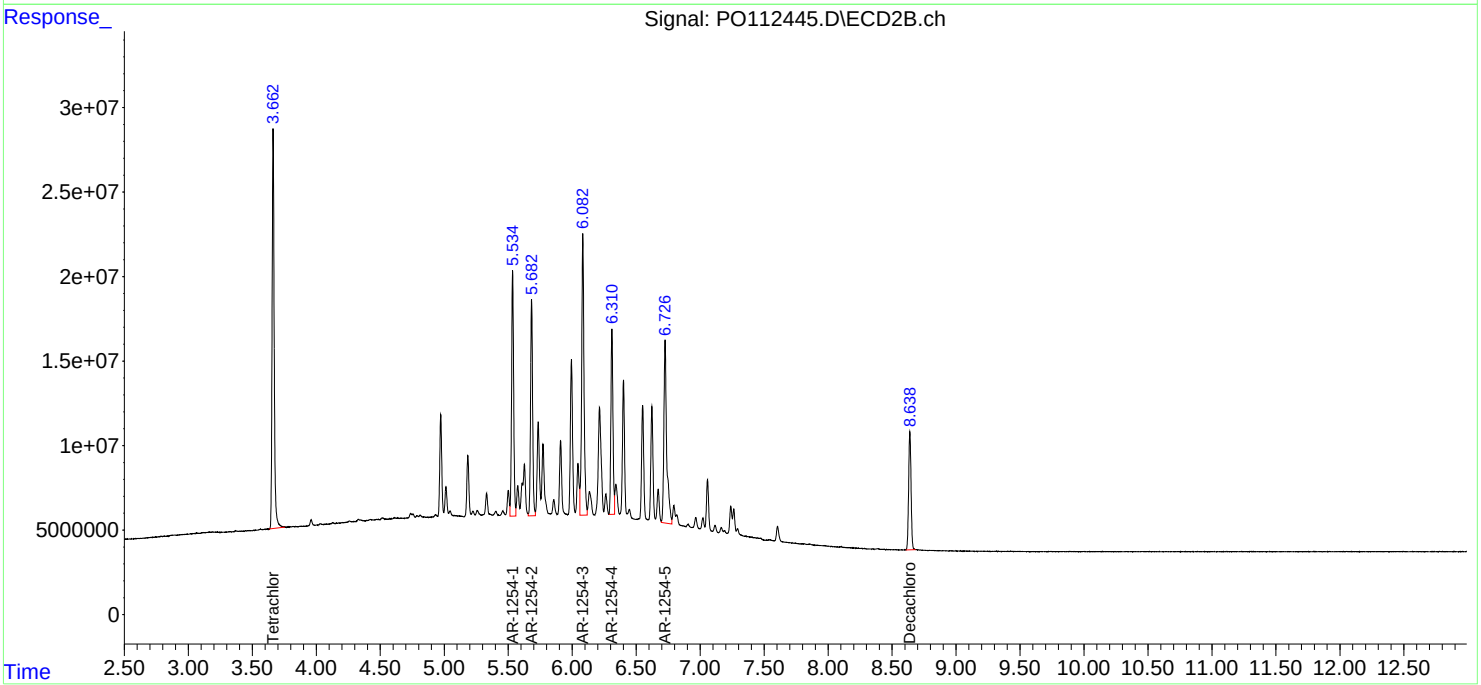
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:54
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

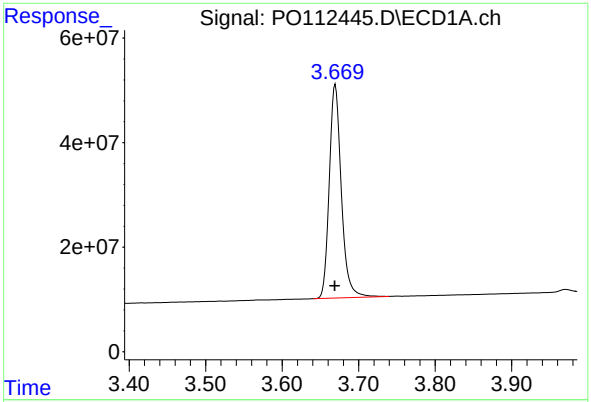
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:05:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



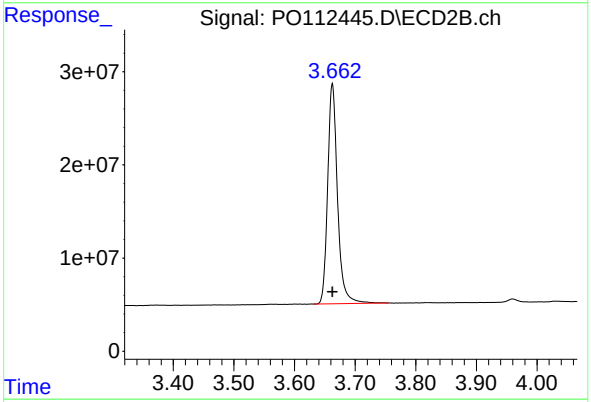




#1 Tetrachloro-m-xylene

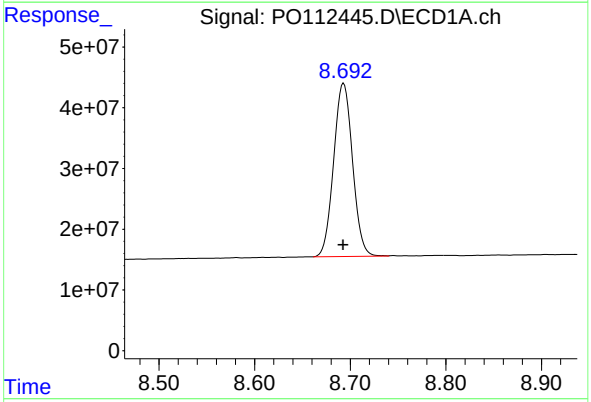
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 445431862
Conc: 54.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



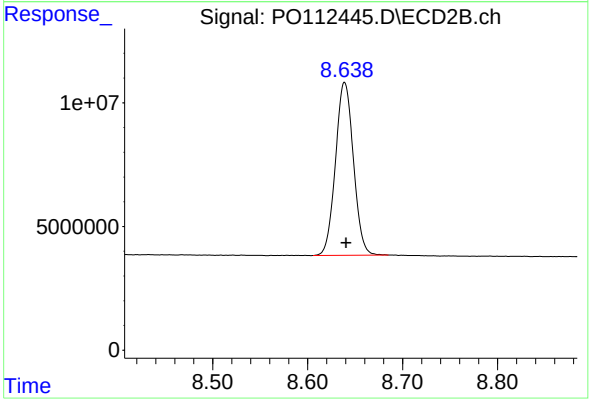
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 266634238
Conc: 53.66 ng/ml



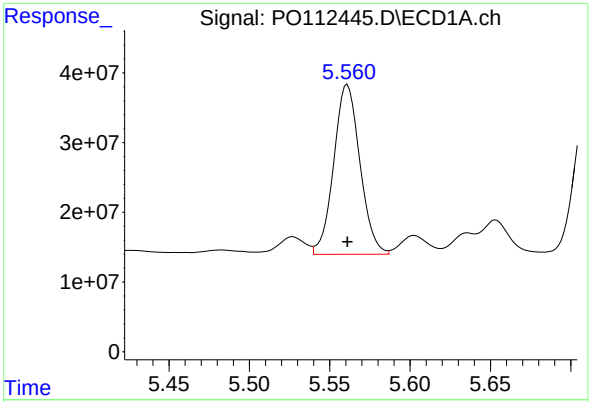
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 391557477
Conc: 53.55 ng/ml



#2 Decachlorobiphenyl

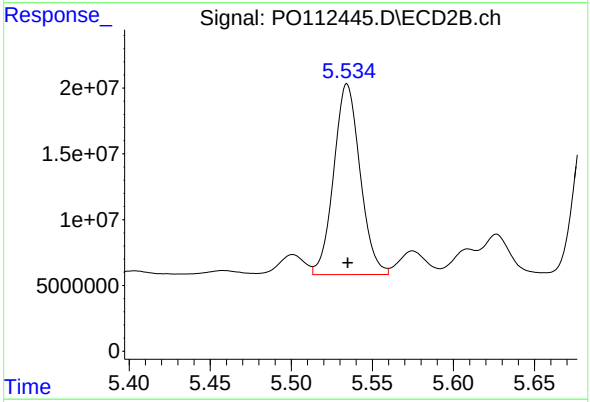
R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 91844886
Conc: 51.97 ng/ml



#26 AR-1254-1

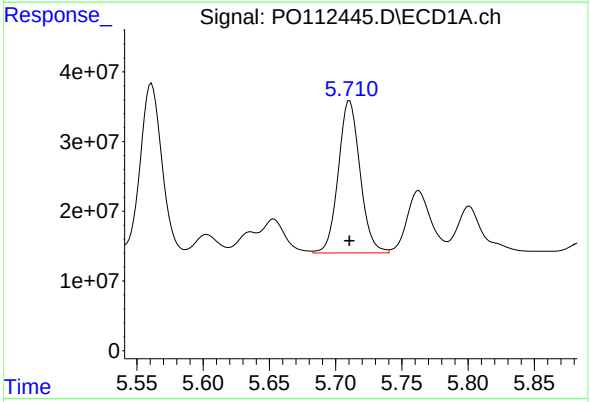
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 276290556
Conc: 503.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



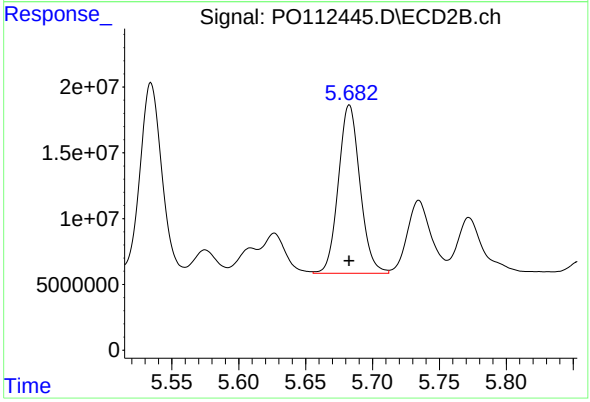
#26 AR-1254-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 163932118
Conc: 498.85 ng/ml



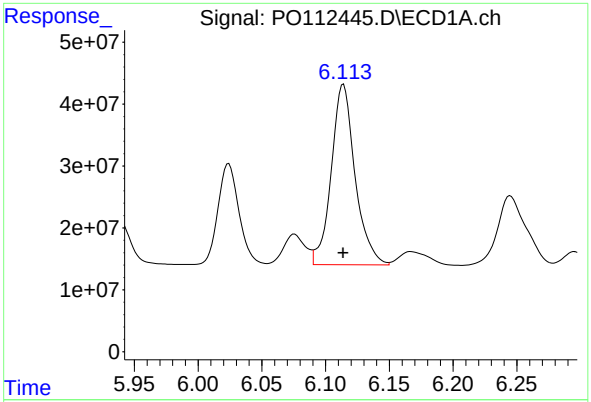
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 249728799
Conc: 513.93 ng/ml



#27 AR-1254-2

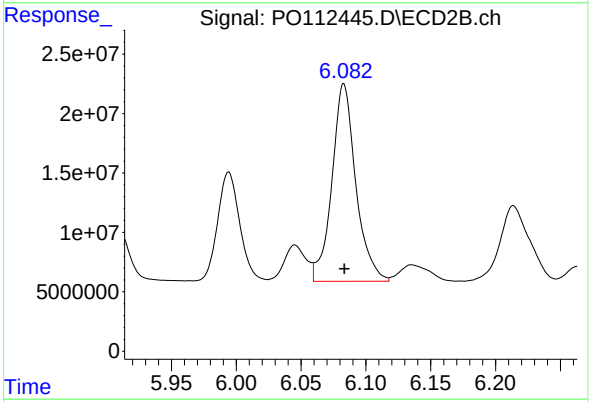
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 144278870
Conc: 498.39 ng/ml



#28 AR-1254-3

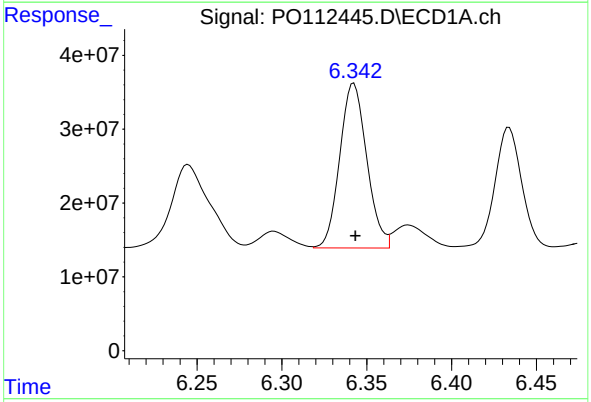
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 379525107
Conc: 509.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



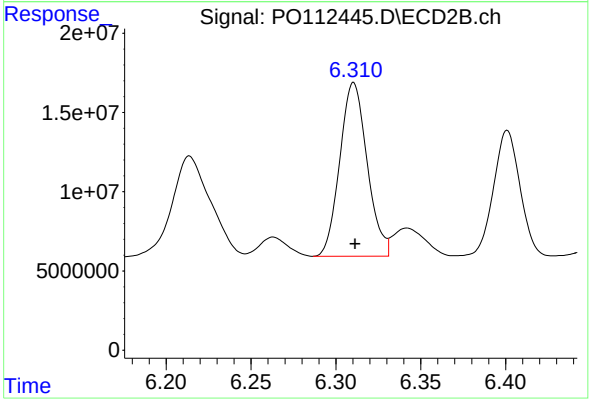
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 213651018
Conc: 499.81 ng/ml



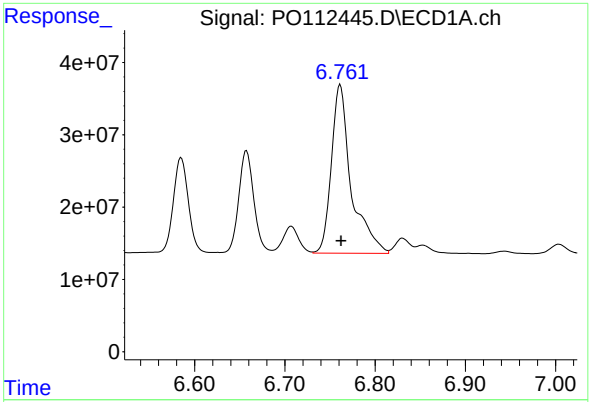
#29 AR-1254-4

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 247003787
Conc: 449.34 ng/ml



#29 AR-1254-4

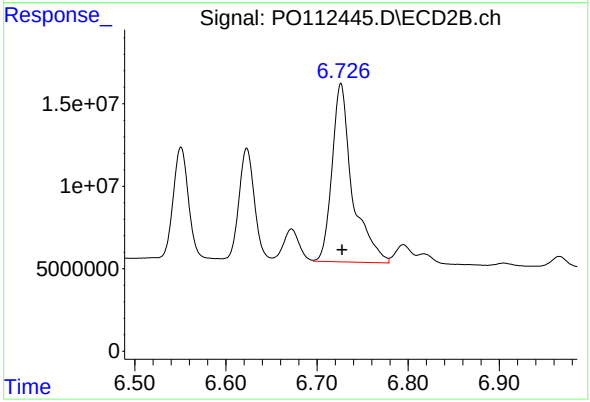
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 123092792
Conc: 450.95 ng/ml



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 356288489
Conc: 503.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



#30 AR-1254-5

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 167473534
Conc: 501.39 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 22:31
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:52:41 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...	3.669	3.662	460.9E6	275.4E6	53.238	52.473
2)	SA Decachlor...	8.694	8.640	731.3E6	166.7E6	52.412	51.834
	Target Compounds						
41)	L9 AR-1268-1	7.586	7.546	910.3E6	250.7E6	519.844	484.189
42)	L9 AR-1268-2	7.651	7.611	767.0E6	207.2E6	520.717	487.400
43)	L9 AR-1268-3	7.856	7.815	656.2E6	158.5E6	524.050	493.242
44)	L9 AR-1268-4	8.146	8.102	253.2E6	55462942	525.396	498.339
45)	L9 AR-1268-5	8.439	8.391	1754.5E6	373.2E6	522.622	509.970

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

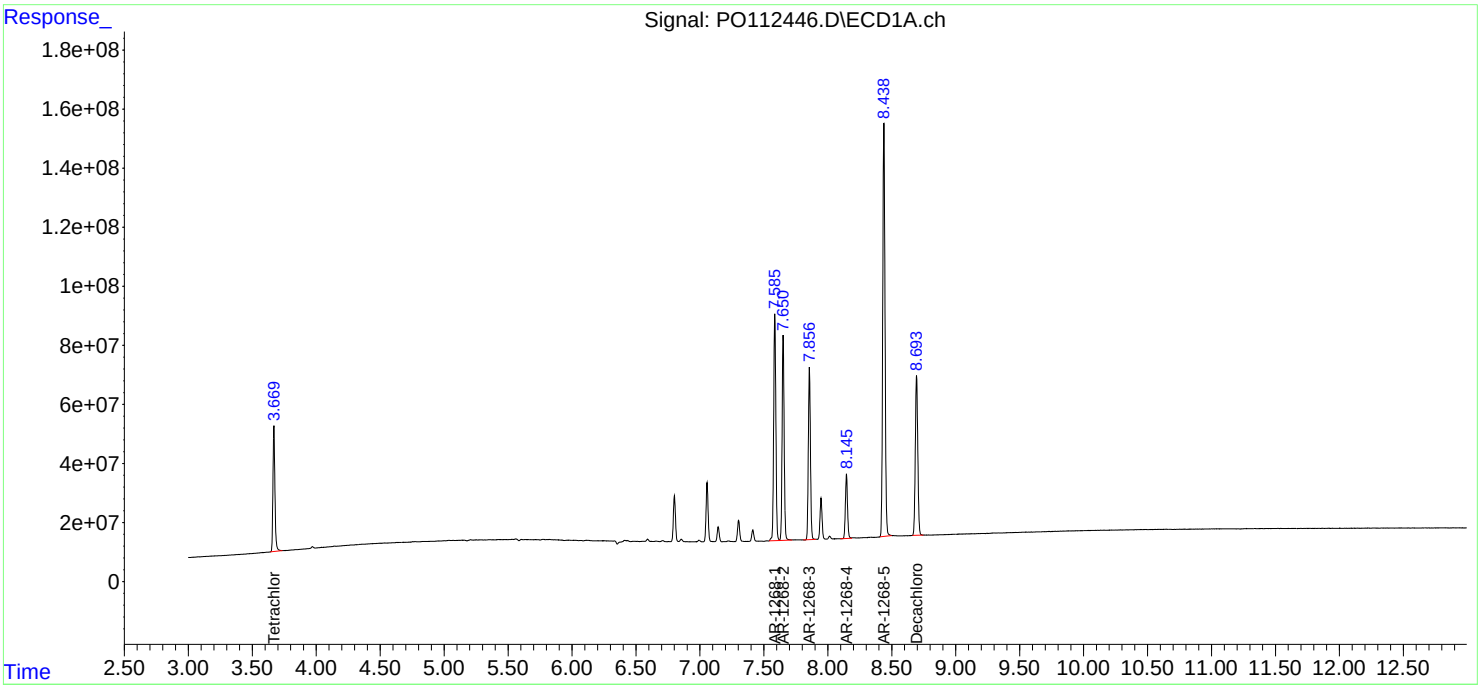
ICAL Form

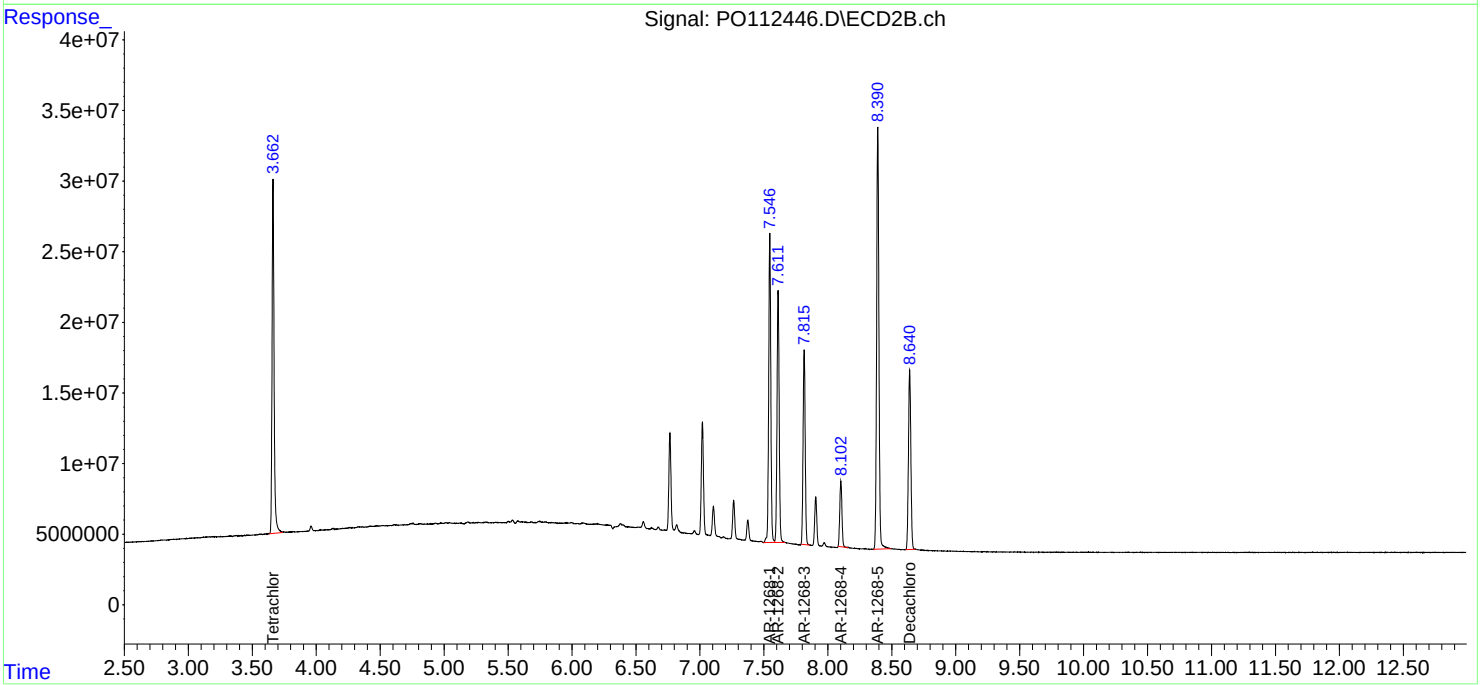
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 22:31
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

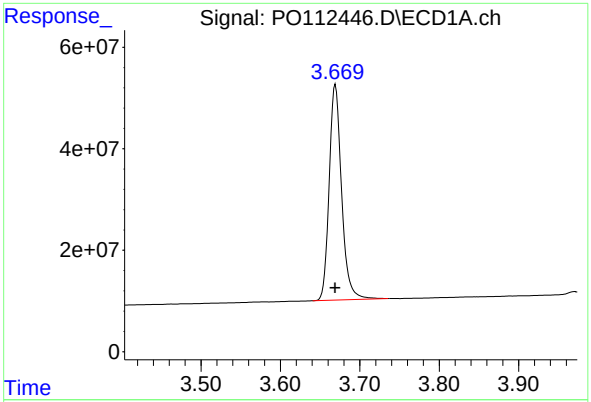
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 04:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:52:41 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



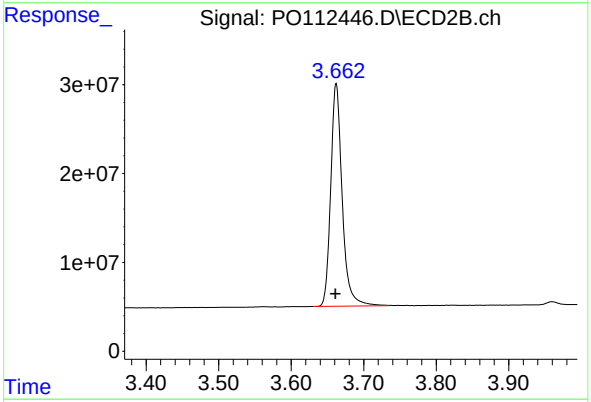




#1 Tetrachloro-m-xylene

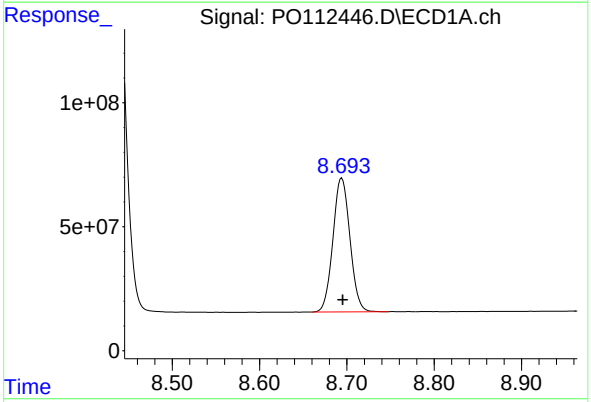
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 460923763
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



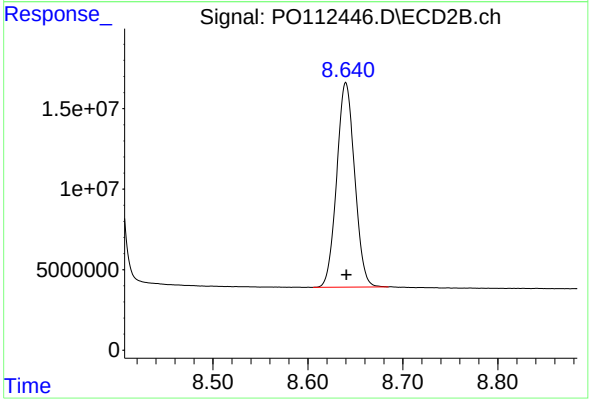
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 275414210
Conc: 52.47 ng/ml



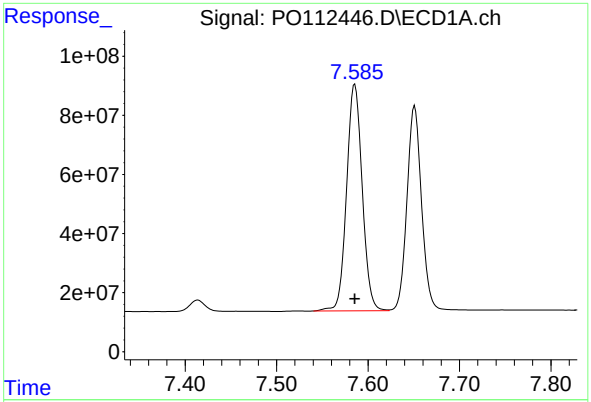
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.001 min
Response: 731296278
Conc: 52.41 ng/ml



#2 Decachlorobiphenyl

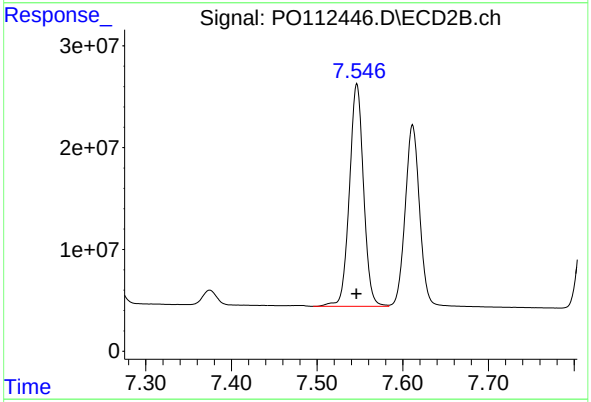
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 166747338
Conc: 51.83 ng/ml



#41 AR-1268-1

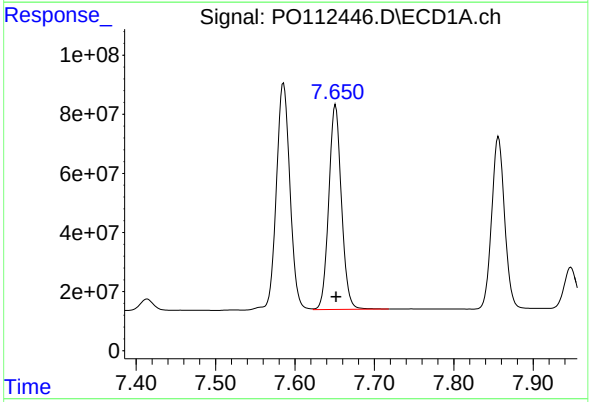
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 910320699
Conc: 519.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



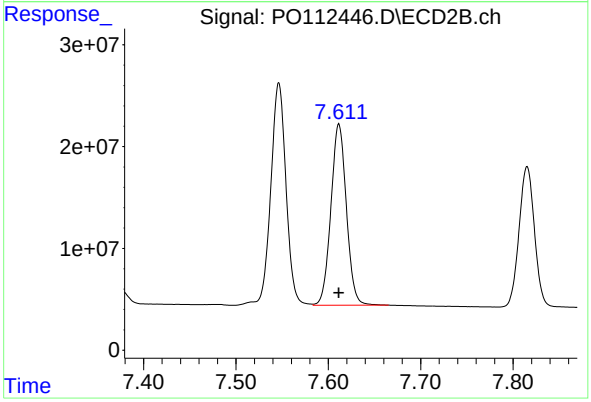
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 250743260
Conc: 484.19 ng/ml



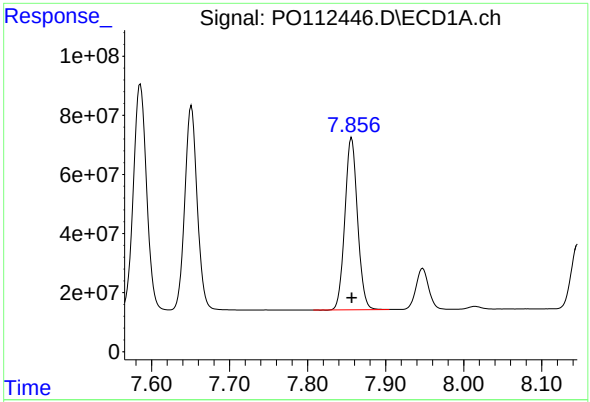
#42 AR-1268-2

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 767028892
Conc: 520.72 ng/ml



#42 AR-1268-2

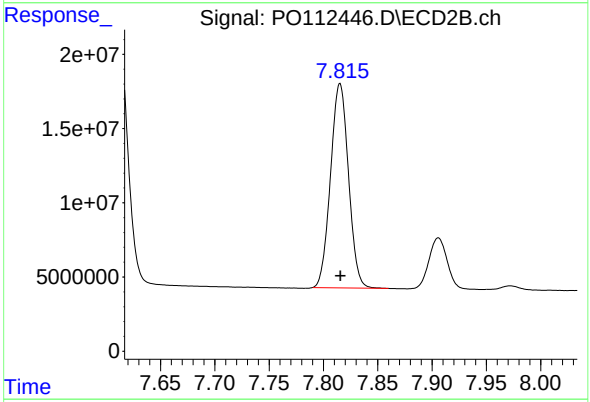
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 207176092
Conc: 487.40 ng/ml



#43 AR-1268-3

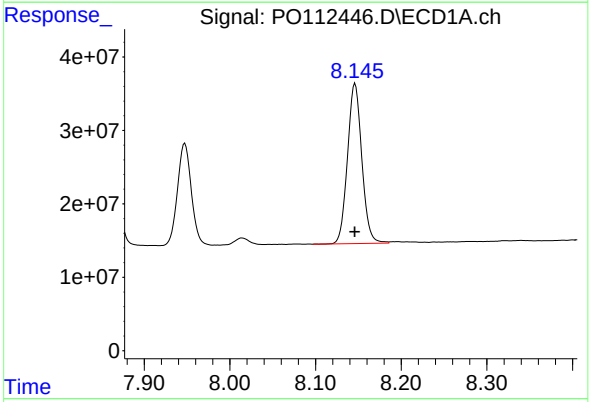
R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 656231584
Conc: 524.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



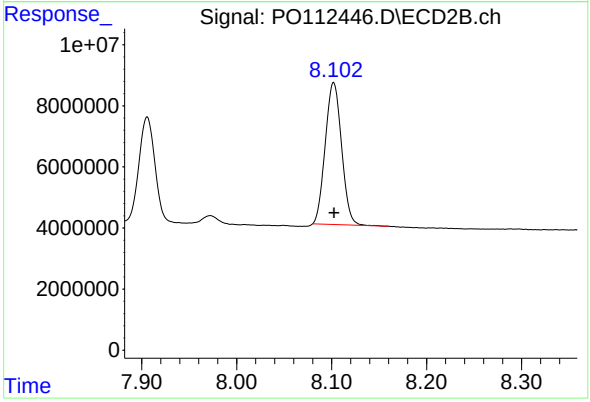
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 158462268
Conc: 493.24 ng/ml



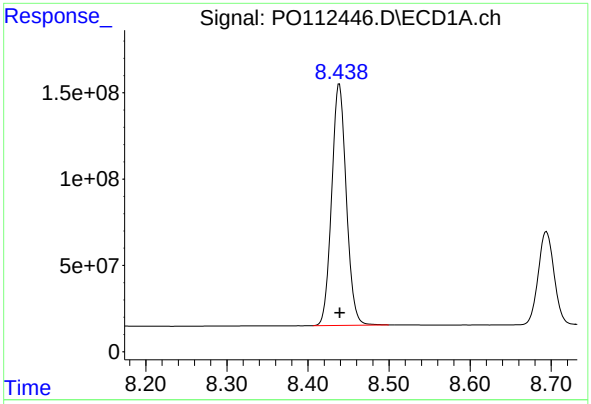
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 253169344
Conc: 525.40 ng/ml



#44 AR-1268-4

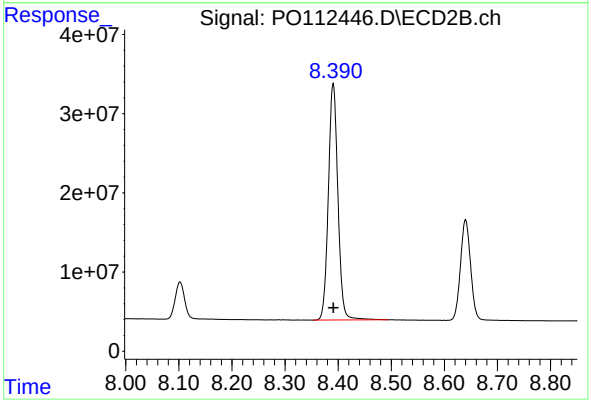
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 55462942
Conc: 498.34 ng/ml



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 1754531841
Conc: 522.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 373164428
Conc: 509.97 ng/ml

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 20:28

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

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D

RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.84	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1016-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.29	6.29	6.29	6.28	6.29	6.29	6.19	6.39
Aroclor-1260-1	(1)	7.40	7.41	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.66	7.66	7.66	7.65	7.66	7.66	7.56	7.76
Aroclor-1260-3	(3)	8.01	8.02	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.84	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.90	5.89	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.43	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.43	10.43	10.43	10.43	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P
Contract: FIRS02
SDG NO.: Q2814
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D
RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.91	4.90	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.97	4.97	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.09	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.13	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1260-1	(1)	6.56	6.55	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-3	(3)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Aroclor-1260-4	(4)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Aroclor-1260-5	(5)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene		3.81	3.80	3.81	3.81	3.80	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.91	4.90	4.91	4.91	4.90	4.91	4.81	5.01
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.17	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		8.83	8.82	8.83	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.81	3.81	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-2	(2)	5.84	5.84	5.83	5.83	5.84	5.84	5.74	5.94
Aroclor-1254-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.81	3.80	3.80	3.80	3.80	3.80	3.70	3.90

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 20:28

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

LAB FILE ID: **CF 1000 =** PP074168.D **CF 750 =** PP074169.D

CF 500 = PP074170.D **CF 250 =** PP074171.D **CF 050 =** PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	35273925	37423669	39112938	43859036	50614460	41256806	14
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729	13
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513	14
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474	12
Aroclor-1016-5	(5)	27690329	29450228	31441930	35606544	38151200	32468046	13
Aroclor-1260-1	(1)	47709498	50888675	54142460	59119820	69919860	56356063	15
Aroclor-1260-2	(2)	56508230	60166887	63913596	71401348	88771760	68152364	18
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931	14
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975	13
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909	14
Decachlorobiphenyl		852434670	894679120	940440840	1016872040	1151380600	971161454	12
Tetrachloro-m-xylene		994587660	1038636867	1076051520	1154524400	1327726000	1118305289	12
Aroclor-1242-1	(1)	31512428	33419607	35918512	39696020	45782500	37265813	14
Aroclor-1242-2	(2)	47421171	49356251	53063334	57890692	64313200	54408930	12
Aroclor-1242-3	(3)	30290298	32076312	34724744	38188808	43399140	35735860	14
Aroclor-1242-4	(4)	25177060	26633319	28691812	30950152	34640880	29218645	12
Aroclor-1242-5	(5)	29128304	32087727	34406488	38696772	43470800	35558018	15
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149	13
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517	11
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044	5
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558	10
Aroclor-1254-3	(3)	76495408	79340601	84479860	93420496	102844700	87316213	12
Aroclor-1254-4	(4)	57834344	59926583	63428804	69599176	68258480	63809477	8
Aroclor-1254-5	(5)	73335985	76078215	80654566	88040632	87614400	81144760	8
Decachlorobiphenyl		901613940	929059080	979122040	1057269880	1005303000	974473588	6
Tetrachloro-m-xylene		1055318110	1070331613	1114290760	1189360720	1187072000	1123274641	6

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: FIRS02
SDG NO.: Q2814
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D
CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	401748995	398824608	399912360	403735356	390215520	398887368	1
Aroclor-1016-2	(2)	186854426	192495525	187577416	198284052	173833620	187809008	5
Aroclor-1016-3	(3)	104048217	106580327	106062448	114925596	98731580	106069634	5
Aroclor-1016-4	(4)	102945349	106576167	111089380	109624088	115865320	109220061	4
Aroclor-1016-5	(5)	116097268	118066511	118643196	118883084	113126240	116963260	2
Aroclor-1260-1	(1)	398303416	397444124	405725820	438106428	380206020	403957162	5
Aroclor-1260-2	(2)	301304557	308158192	308266150	305734868	340030740	312698901	5
Aroclor-1260-3	(3)	408378449	417603121	404068616	383320072	357221180	394118288	6
Aroclor-1260-4	(4)	295359710	299954812	306136602	280781712	272663920	290979351	4
Aroclor-1260-5	(5)	811772813	805780147	794112086	732491376	642892660	757409816	9
Decachlorobiphenyl		6091085760	6145498480	6064775080	5991469080	5775302800	6013626240	2
Tetrachloro-m-xylene		4204747790	4209506627	3997167900	3658659200	3102045200	3834425343	12
Aroclor-1242-1	(1)	341272725	348537165	356175586	358260688	321457320	345140697	4
Aroclor-1242-2	(2)	162660327	171629959	165033416	168697644	148866940	163377657	5
Aroclor-1242-3	(3)	93075141	96957855	92088854	97223352	81897380	92248516	6
Aroclor-1242-4	(4)	117292839	116784915	126377070	120581608	116071680	119421622	3
Aroclor-1242-5	(5)	140731652	152438257	148354640	155481924	150793560	149560007	4
Decachlorobiphenyl		6182103300	6198353267	6343202860	6254049920	5638925600	6123326989	5
Tetrachloro-m-xylene		4380731720	4319851627	4244718880	3977934440	3138312200	4012309773	13
Aroclor-1254-1	(1)	384557283	361450625	385081202	377494716	322325960	366181957	7
Aroclor-1254-2	(2)	284389782	276601852	284135592	290728916	255228600	278216948	5
Aroclor-1254-3	(3)	520239168	520693099	508814756	526662268	369647720	489211402	13
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334	10
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105	12
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401	10
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267	20

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_P **Date(s) Analyzed:** 08/01/2025 08/01/2025

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	4.86	4.76	4.96	16763600
		2	4.94	4.84	5.04	12601100
		3	5.02	4.92	5.12	36635200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	29037400
		2	5.55	5.45	5.65	15042700
		3	5.83	5.73	5.93	29001800
		4	5.99	5.89	6.09	15468800
		5	6.08	5.98	6.18	11716000
Aroclor-1248	500	1	5.81	5.71	5.91	28382600
		2	6.08	5.98	6.18	40187600
		3	6.28	6.18	6.38	44640800
		4	6.68	6.58	6.78	51582200
		5	6.72	6.62	6.82	53240200
Aroclor-1262	500	1	8.24	8.14	8.34	75789600
		2	8.56	8.46	8.66	130430000
		3	8.89	8.79	8.99	94070800
		4	8.97	8.87	9.07	72851600
		5	9.65	9.55	9.75	50922600
Aroclor-1268	500	1	8.88	8.78	8.98	158028000
		2	8.98	8.88	9.08	146028000
		3	9.22	9.12	9.32	121402000
		4	9.64	9.54	9.74	59648200
		5	10.08	9.98	10.18	357940000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Instrument ID: ECD_P **Date(s) Analyzed:** 08/01/2025 08/01/2025

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	49085200
		2	4.10	4.00	4.20	35889400
		3	4.18	4.08	4.28	135225000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.18	4.08	4.28	101362000
		2	4.90	4.80	5.00	174266000
		3	5.08	4.98	5.18	45816600
		4	5.16	5.06	5.26	58010800
		5	5.34	5.24	5.44	46979400
Aroclor-1248	500	1	4.90	4.80	5.00	223628000
		2	5.12	5.02	5.22	147770000
		3	5.16	5.06	5.26	179546000
		4	5.34	5.24	5.44	167057000
		5	5.73	5.63	5.83	302782000
Aroclor-1262	500	1	6.92	6.82	7.02	563142000
		2	7.18	7.08	7.28	401024000
		3	7.70	7.60	7.80	359470000
		4	7.76	7.66	7.86	666922000
		5	8.26	8.16	8.36	283268000
Aroclor-1268	500	1	7.70	7.60	7.80	1169220000
		2	7.76	7.66	7.86	1148130000
		3	7.97	7.87	8.07	891866000
		4	8.26	8.16	8.36	329470000
		5	8.56	8.46	8.66	2772300000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:05
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: Aug 01 13:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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...	4.660	3.805	99458766	420.5E6	96.066	102.531
2)	SA Decachlor...	10.437	8.826	85243467	609.1E6	95.091	100.216
	Target Compounds						
3)	L1 AR-1016-1	5.812	4.905	35273925	401.7E6	948.391	1002.291
4)	L1 AR-1016-2	5.833	4.963	51795728	186.9E6	940.518	998.069
5)	L1 AR-1016-3	5.896	5.083	33422245	104.0E6	937.613	990.413
6)	L1 AR-1016-4	5.993	5.124	27792815	102.9E6	937.672	961.950
7)	L1 AR-1016-5	6.285	5.338	27690329	116.1E6	936.556	989.154
31)	L7 AR-1260-1	7.403	6.555	47709498	398.3E6	936.840	990.768
32)	L7 AR-1260-2	7.656	6.711	56508230	301.3E6	938.505	988.580
33)	L7 AR-1260-3	8.013	6.921	45067030	408.4E6	941.665	1005.305
34)	L7 AR-1260-4	8.241	7.180	54035441	295.4E6	945.503	982.083
35)	L7 AR-1260-5	8.567	7.419	97992993	811.8E6	952.628	1010.998

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

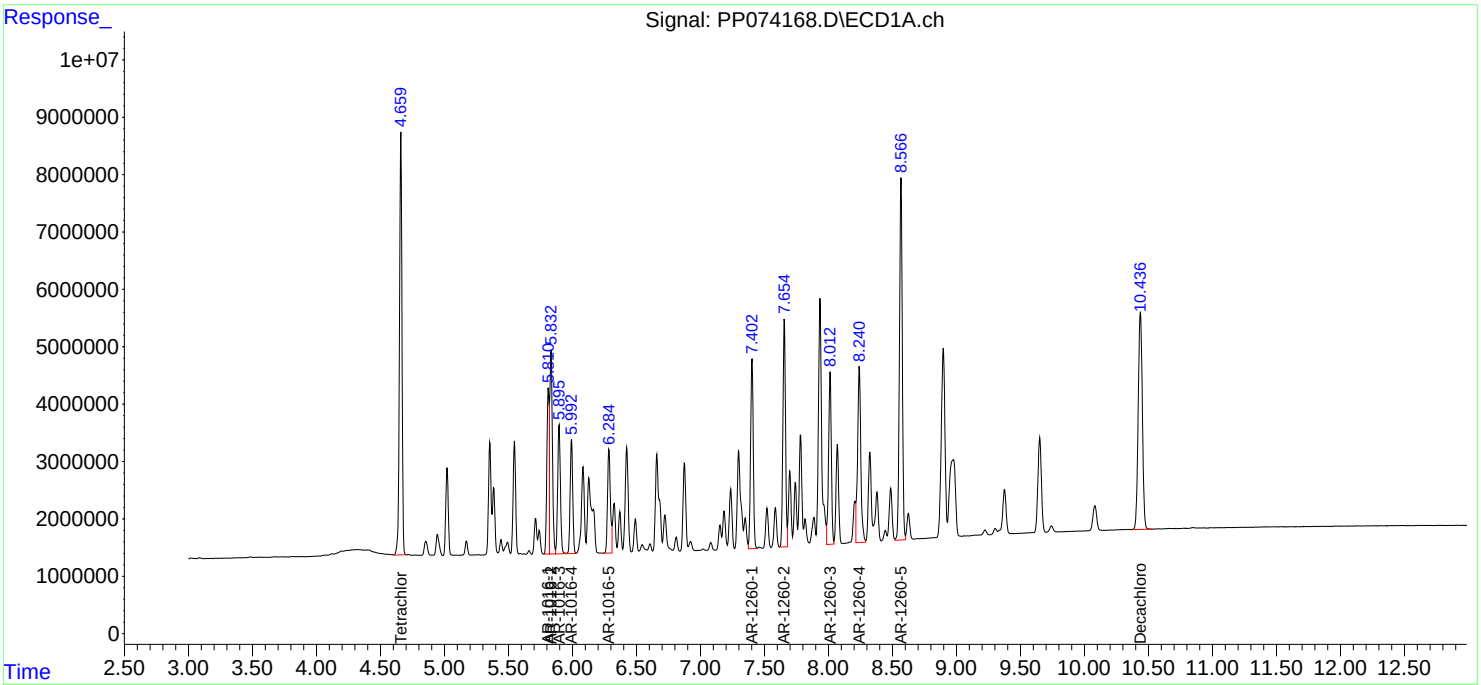
ICAL Form

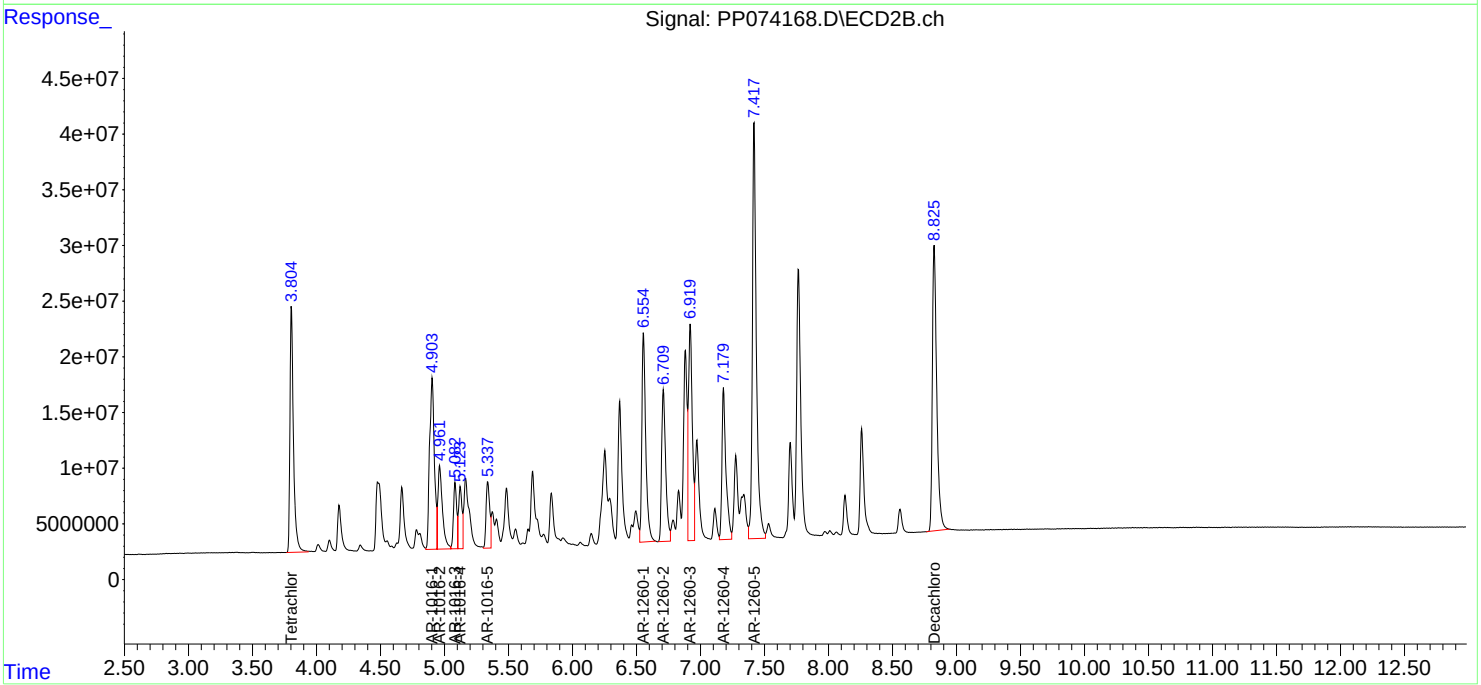
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:05
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

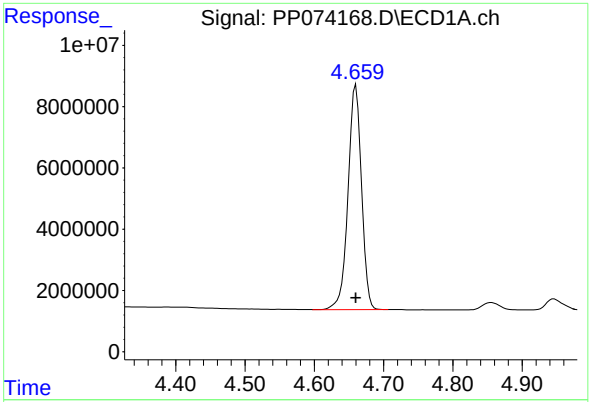
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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



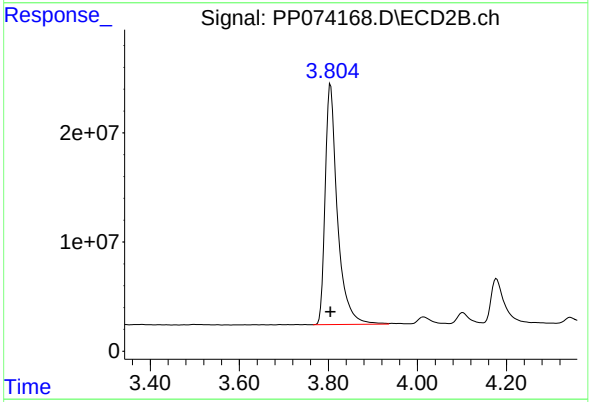




#1 Tetrachloro-m-xylene

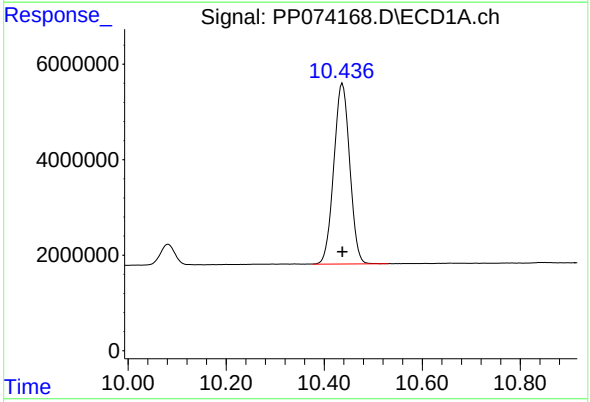
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 99458766
Conc: 96.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



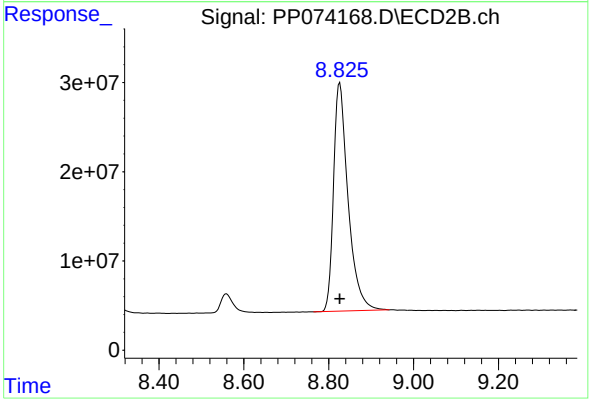
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 420474779
Conc: 102.53 ng/ml



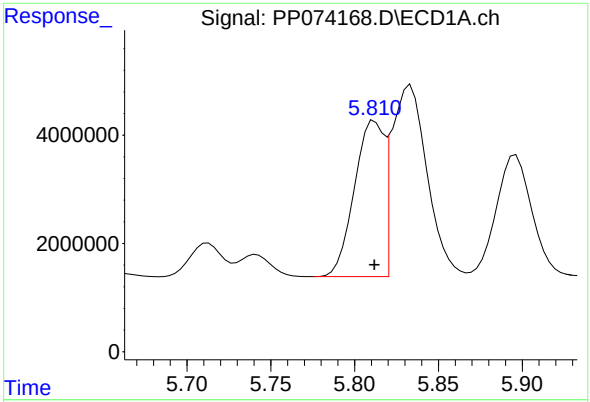
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 85243467
Conc: 95.09 ng/ml



#2 Decachlorobiphenyl

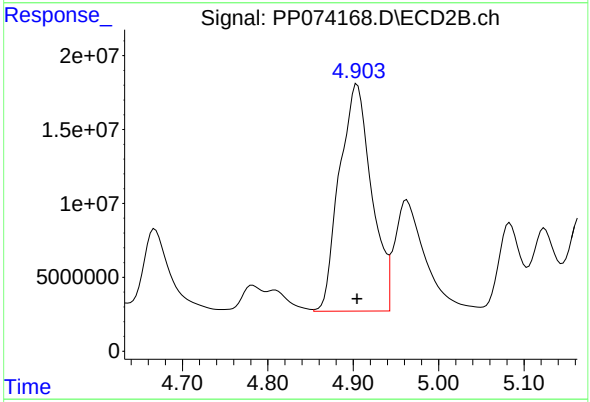
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 609108576
Conc: 100.22 ng/ml



#3 AR-1016-1

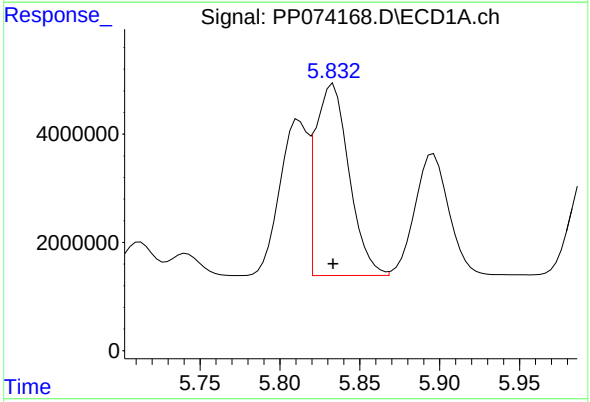
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 35273925
Conc: 948.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



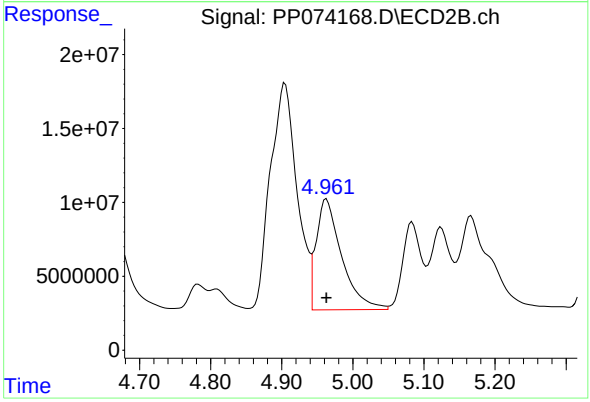
#3 AR-1016-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 401748995
Conc: 1002.29 ng/ml



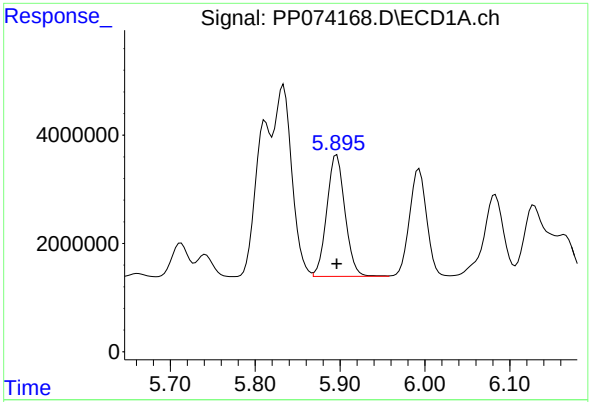
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 51795728
Conc: 940.52 ng/ml



#4 AR-1016-2

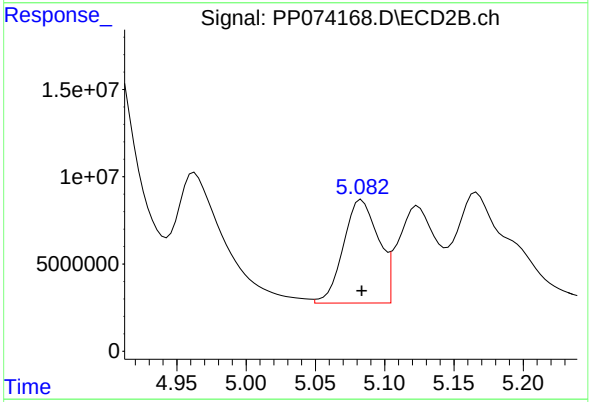
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 186854426
Conc: 998.07 ng/ml



#5 AR-1016-3

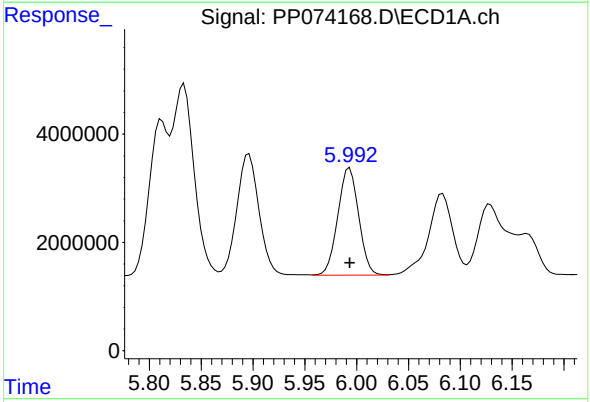
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 33422245
Conc: 937.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



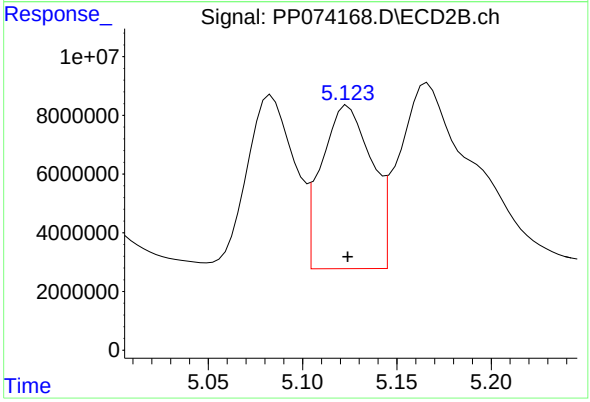
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 104048217
Conc: 990.41 ng/ml



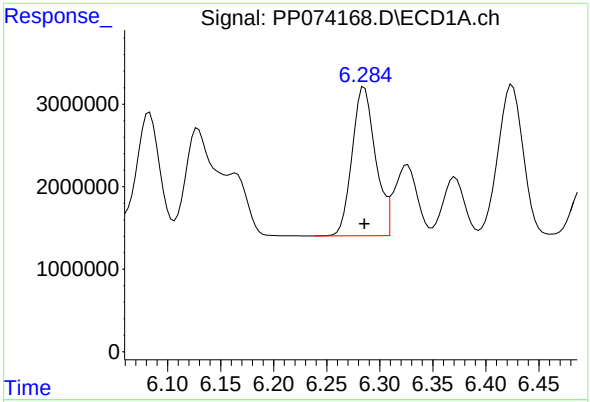
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 27792815
Conc: 937.67 ng/ml



#6 AR-1016-4

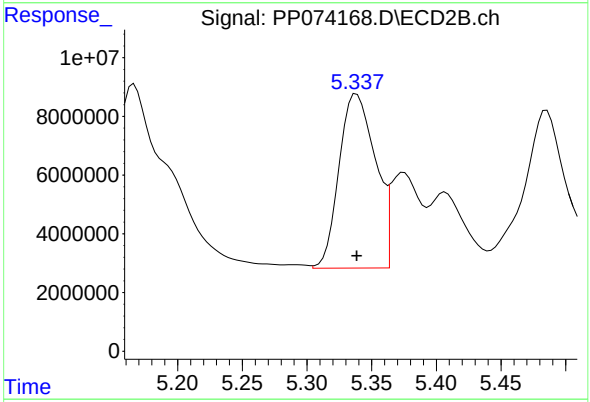
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 102945349
Conc: 961.95 ng/ml



#7 AR-1016-5

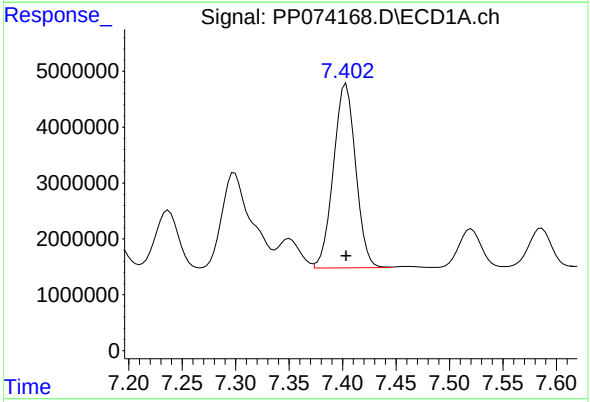
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27690329
Conc: 936.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



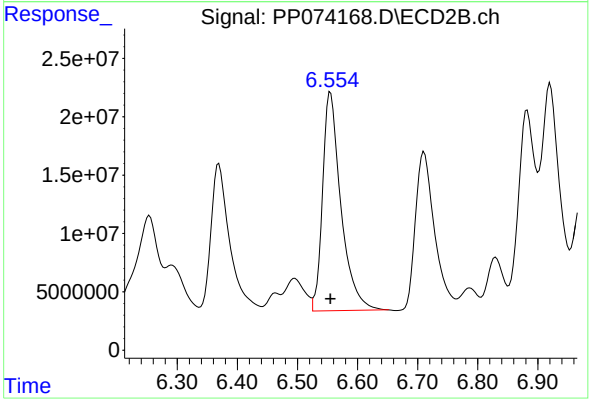
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 116097268
Conc: 989.15 ng/ml



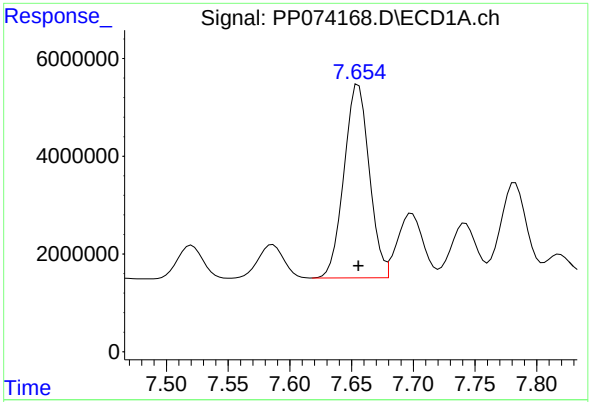
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 47709498
Conc: 936.84 ng/ml



#31 AR-1260-1

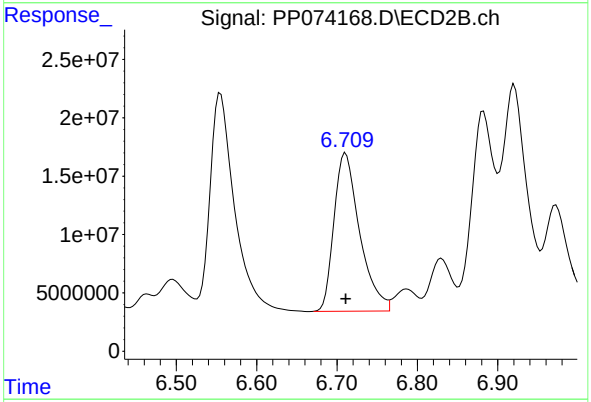
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 398303416
Conc: 990.77 ng/ml



#32 AR-1260-2

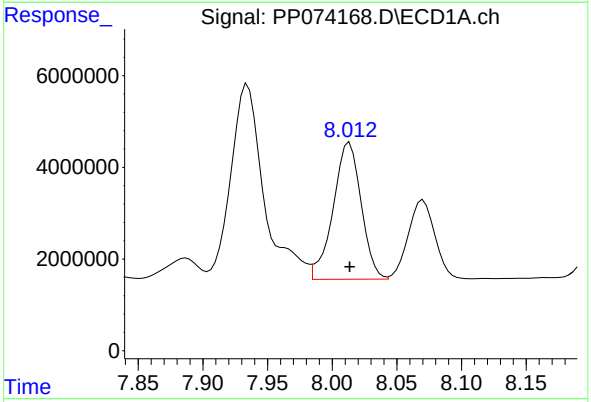
R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 56508230
Conc: 938.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



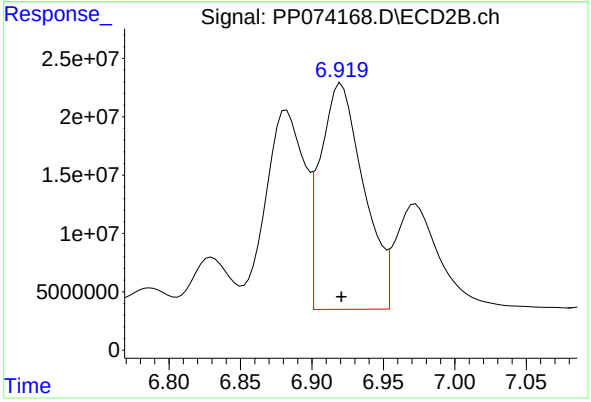
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 301304557
Conc: 988.58 ng/ml



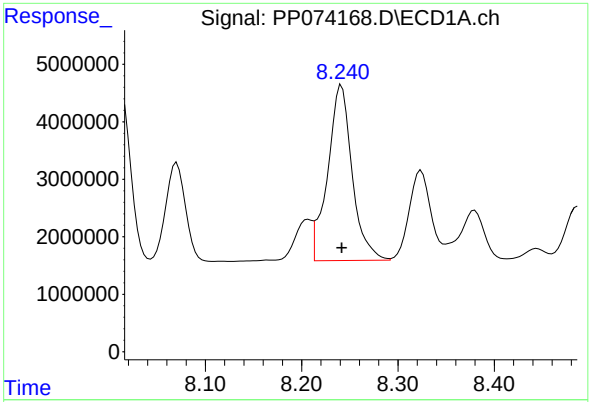
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 45067030
Conc: 941.66 ng/ml



#33 AR-1260-3

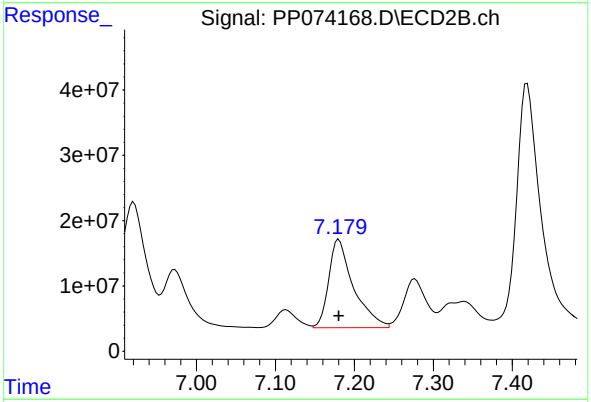
R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 408378449
Conc: 1005.30 ng/ml



#34 AR-1260-4

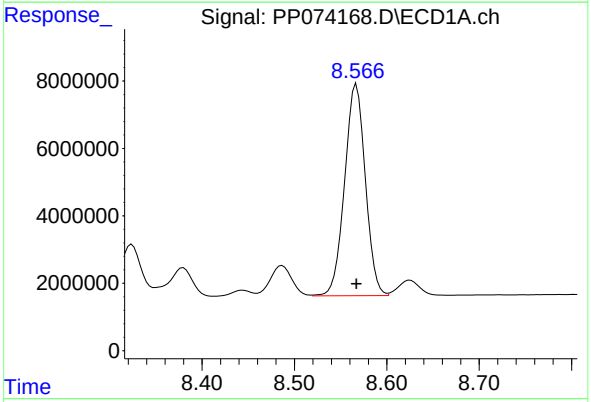
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 54035441
Conc: 945.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



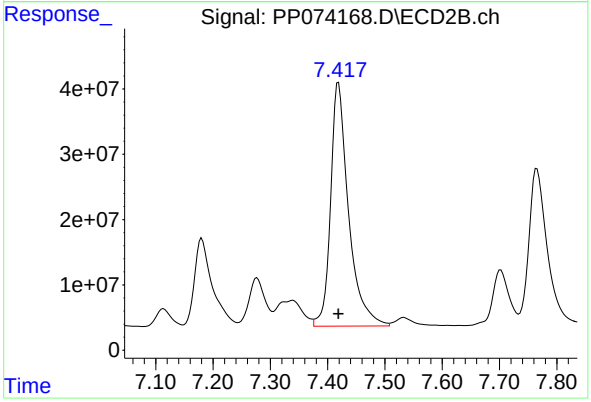
#34 AR-1260-4

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 295359710
Conc: 982.08 ng/ml



#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 97992993
Conc: 952.63 ng/ml



#35 AR-1260-5

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 811772813
Conc: 1011.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:22
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: Aug 01 13:07:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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...	4.662	3.804	77897765	315.7E6	75.160	76.312
2)	SA Decachlor...	10.440	8.825	67100934	460.9E6	74.902	75.554
	Target Compounds						
3)	L1 AR-1016-1	5.814	4.904	28067752	299.1E6	753.089	747.493
4)	L1 AR-1016-2	5.836	4.962	41399345	144.4E6	751.158	763.969
5)	L1 AR-1016-3	5.898	5.082	26764173	79935245	750.553	757.223
6)	L1 AR-1016-4	5.995	5.122	22190171	79932125	749.100	747.936
7)	L1 AR-1016-5	6.288	5.337	22087671	88549883	748.037	752.960
31)	L7 AR-1260-1	7.405	6.554	38166506	298.1E6	749.634	744.294
32)	L7 AR-1260-2	7.658	6.709	45125165	231.1E6	749.634	755.513
33)	L7 AR-1260-3	8.016	6.919	36092346	313.2E6	752.756	763.877
34)	L7 AR-1260-4	8.244	7.178	42799948	225.0E6	749.270	748.680
35)	L7 AR-1260-5	8.569	7.417	77207219	604.3E6	750.374	751.765

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

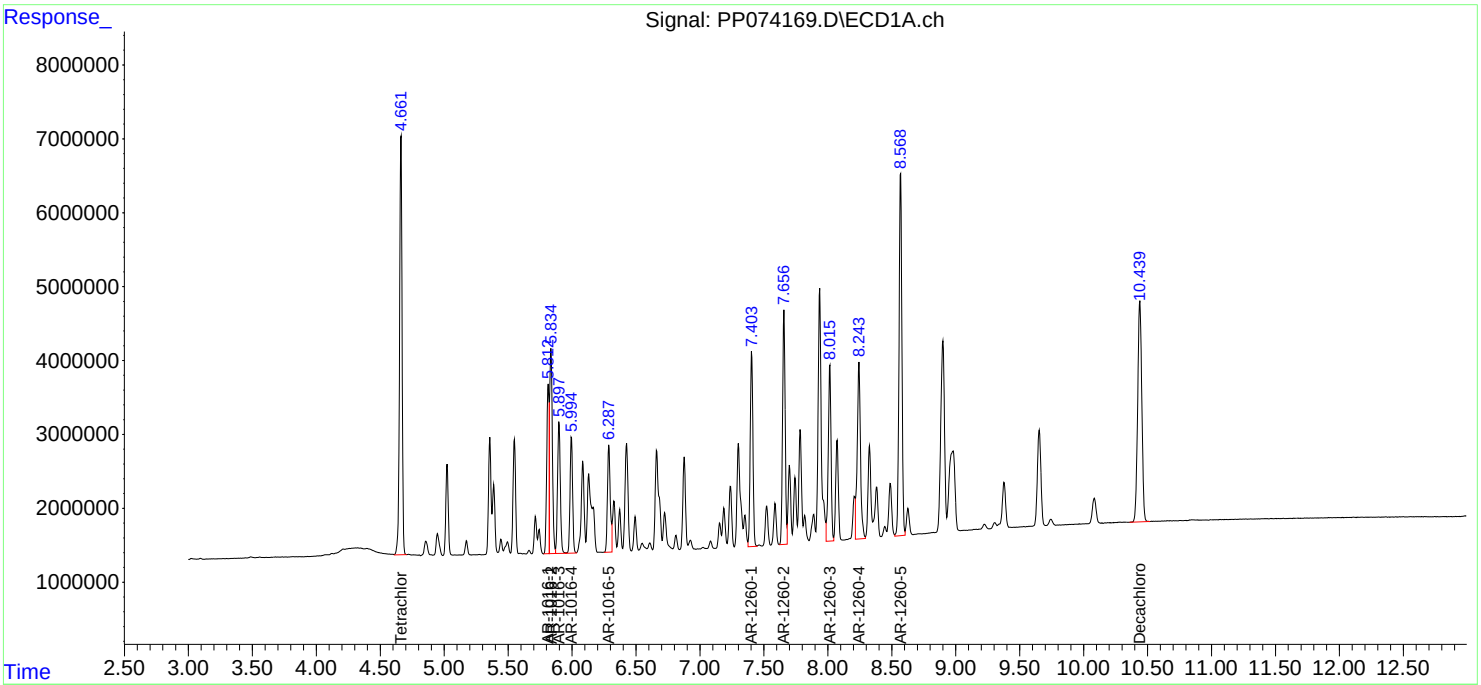
ICAL Form

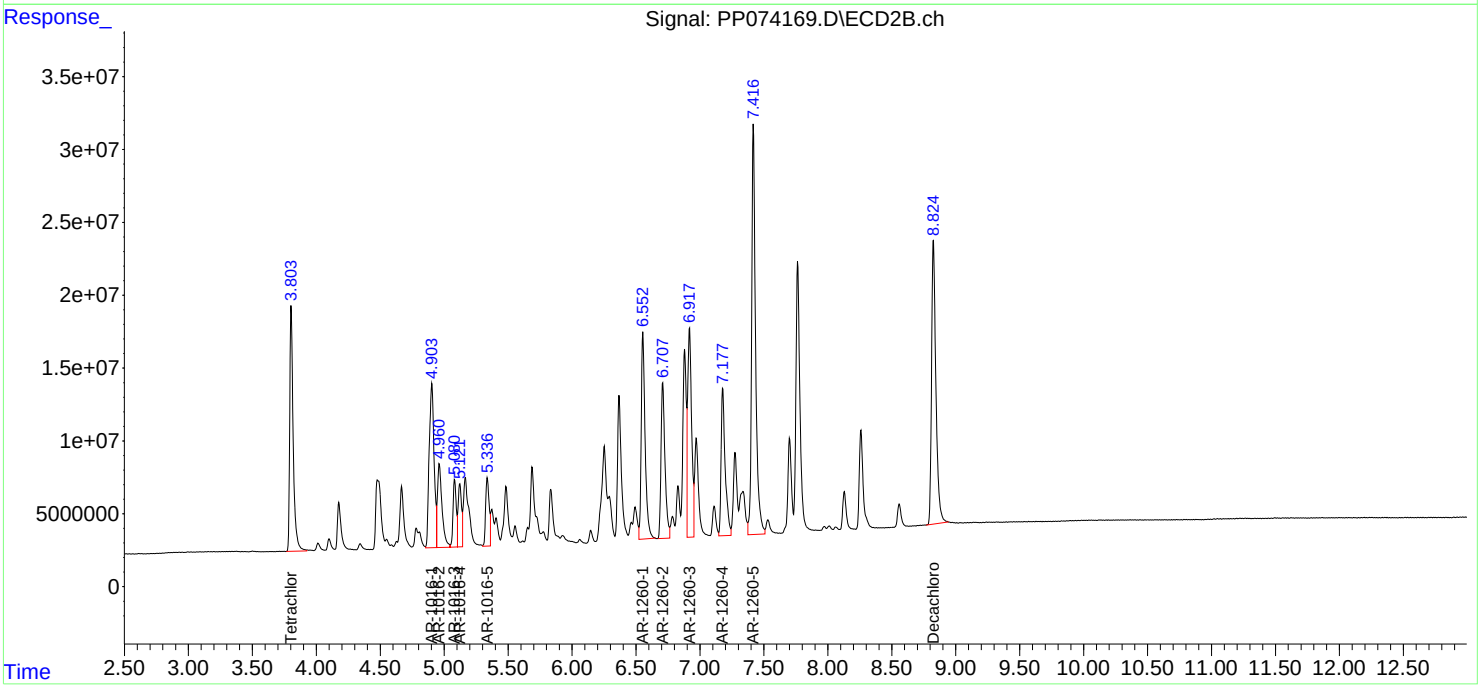
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

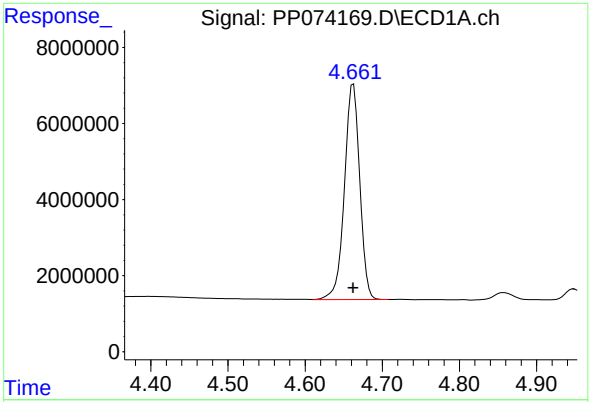
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:07:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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



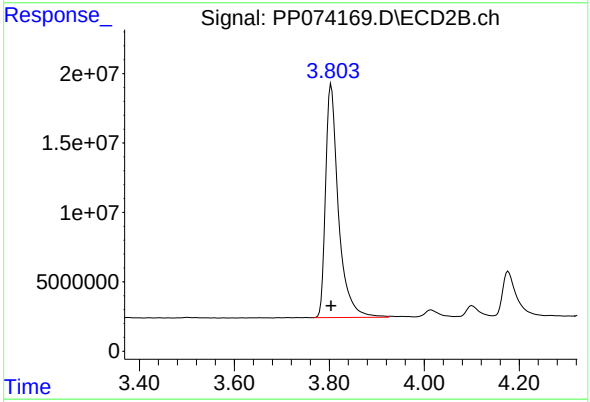




#1 Tetrachloro-m-xylene

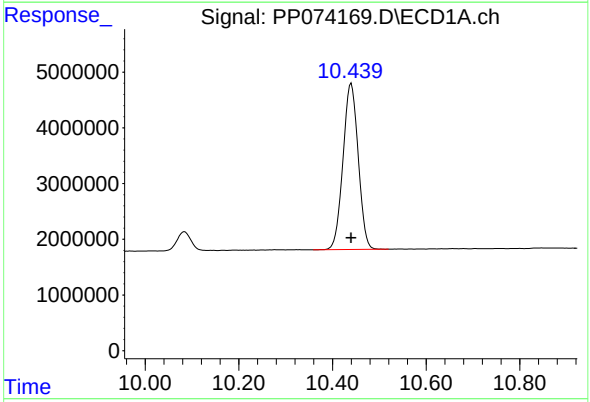
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 77897765
Conc: 75.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



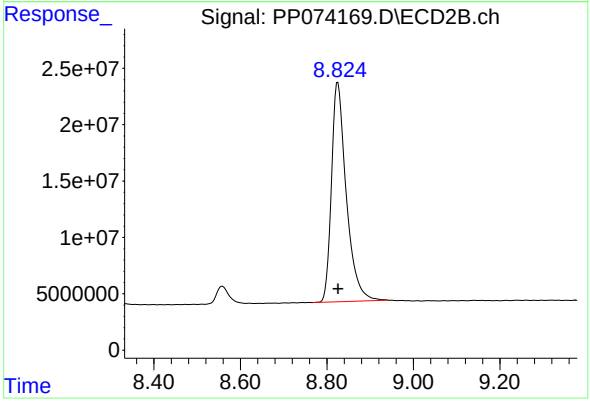
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 315712997
Conc: 76.31 ng/ml



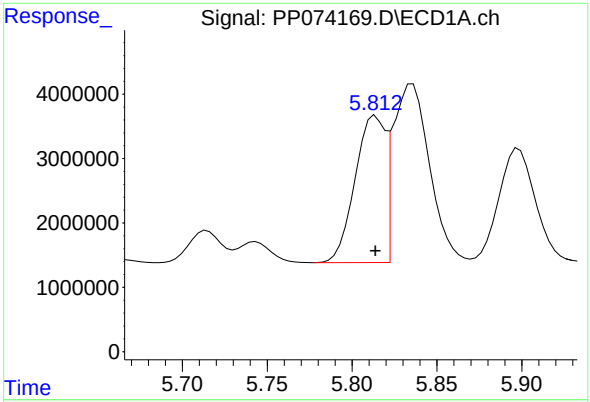
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.000 min
Response: 67100934
Conc: 74.90 ng/ml



#2 Decachlorobiphenyl

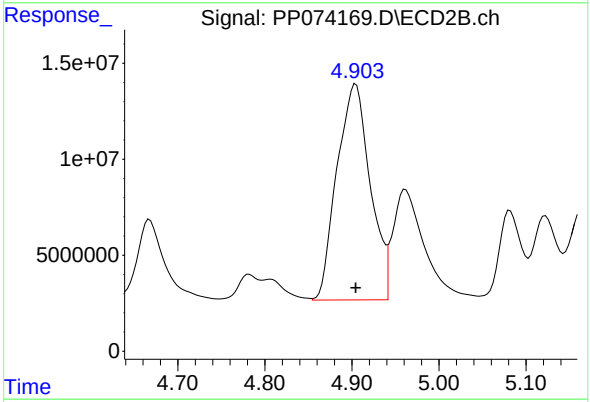
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 460912386
Conc: 75.55 ng/ml



#3 AR-1016-1

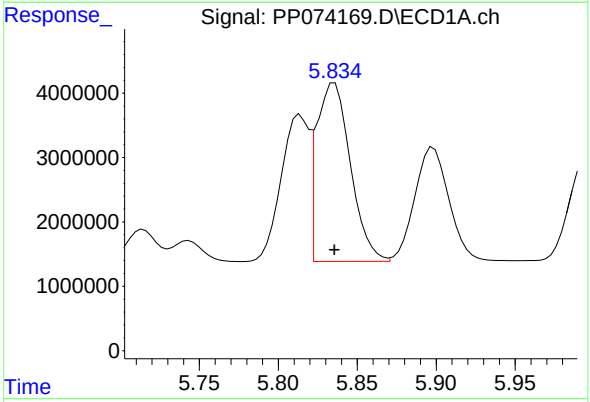
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 28067752
Conc: 753.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



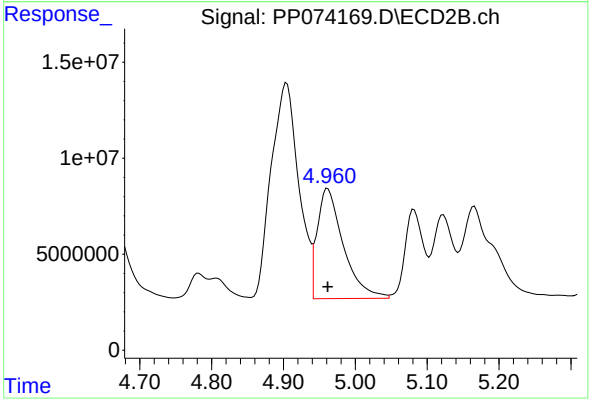
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 299118456
Conc: 747.49 ng/ml



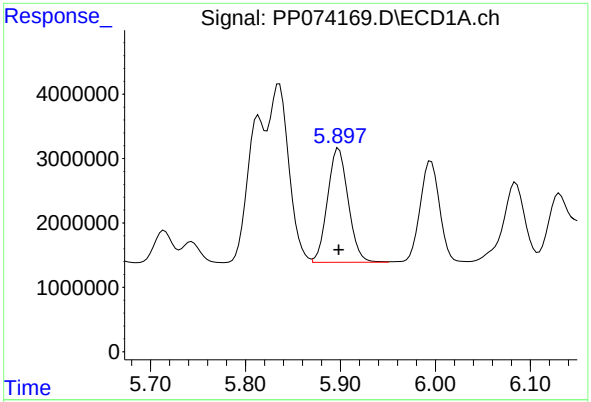
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 41399345
Conc: 751.16 ng/ml



#4 AR-1016-2

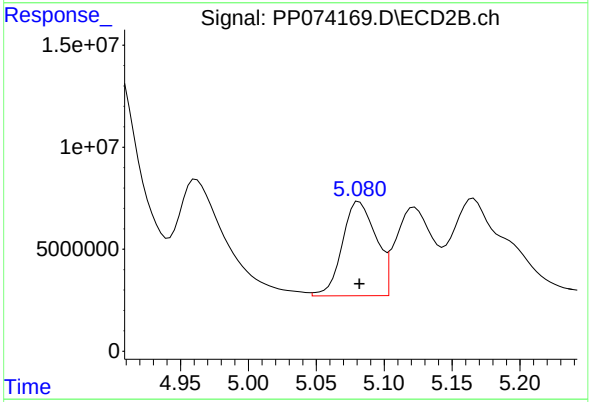
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 144371644
Conc: 763.97 ng/ml



#5 AR-1016-3

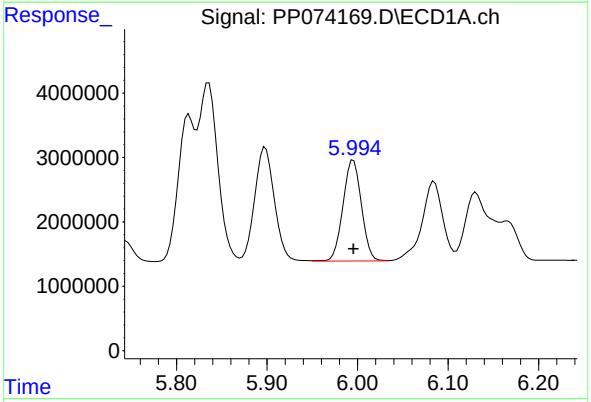
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 26764173
Conc: 750.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



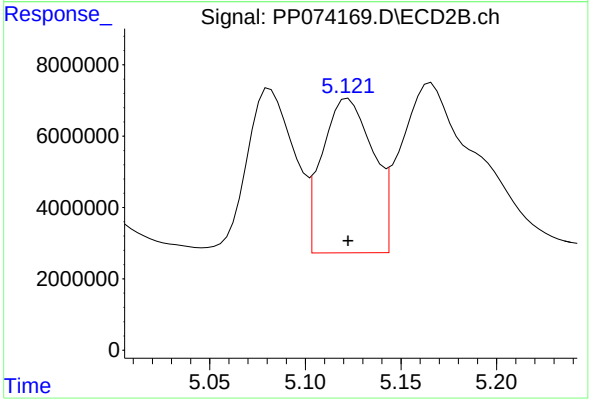
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 79935245
Conc: 757.22 ng/ml



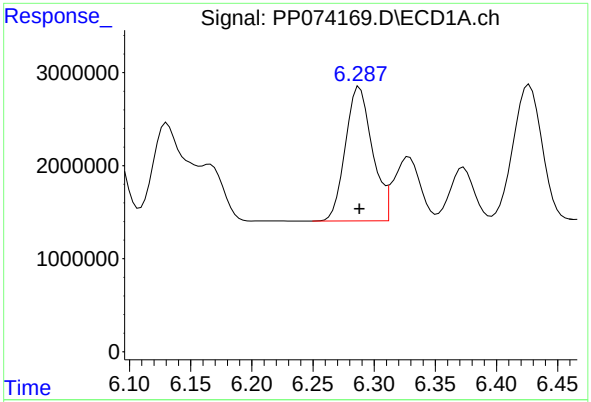
#6 AR-1016-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 22190171
Conc: 749.10 ng/ml



#6 AR-1016-4

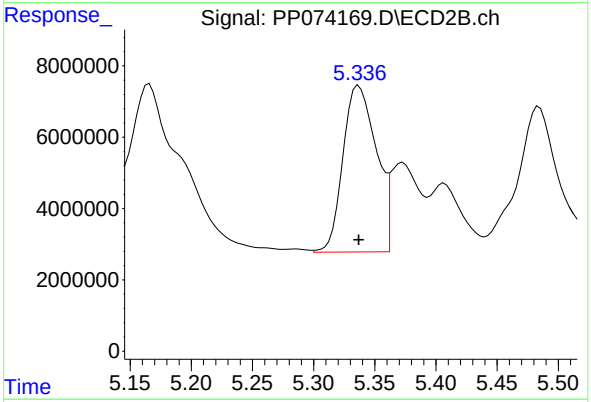
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 79932125
Conc: 747.94 ng/ml



#7 AR-1016-5

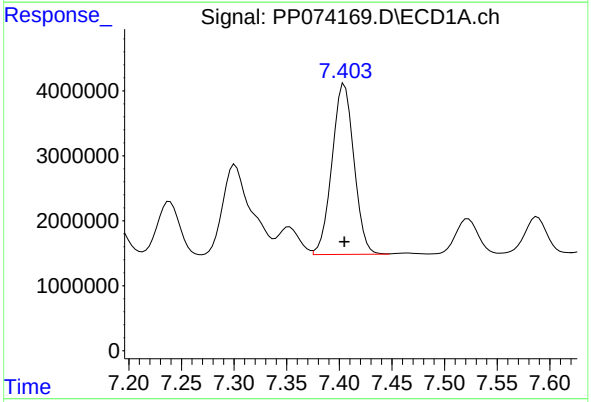
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 22087671
Conc: 748.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



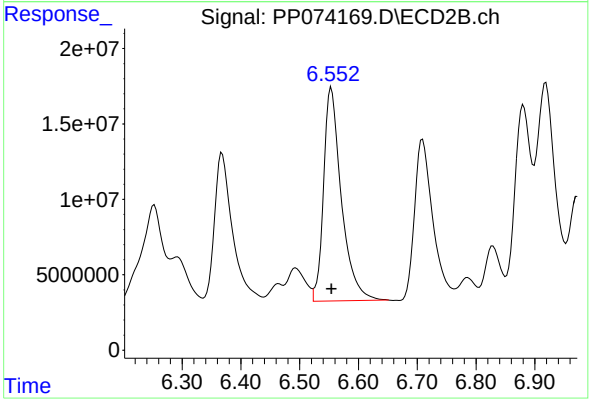
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 88549883
Conc: 752.96 ng/ml



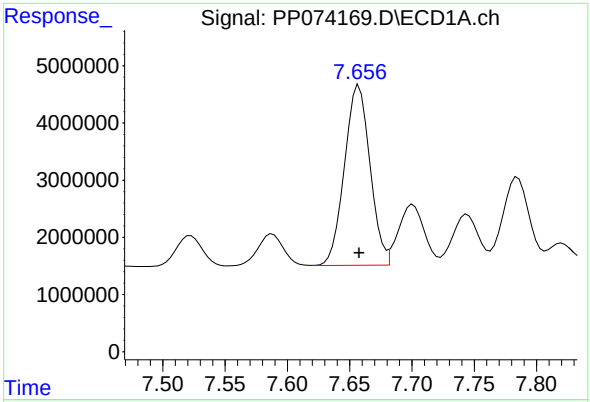
#31 AR-1260-1

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 38166506
Conc: 749.63 ng/ml



#31 AR-1260-1

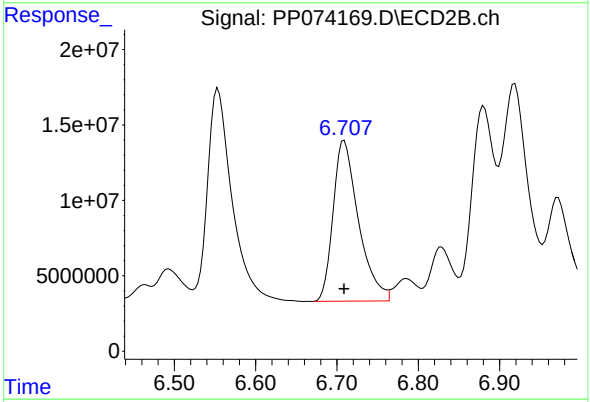
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 298083093
Conc: 744.29 ng/ml



#32 AR-1260-2

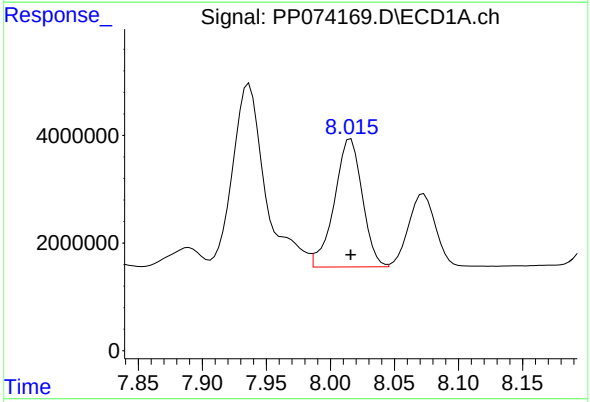
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 45125165
Conc: 749.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



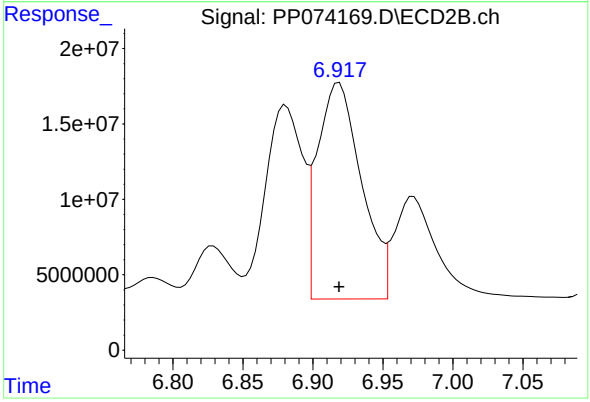
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 231118644
Conc: 755.51 ng/ml



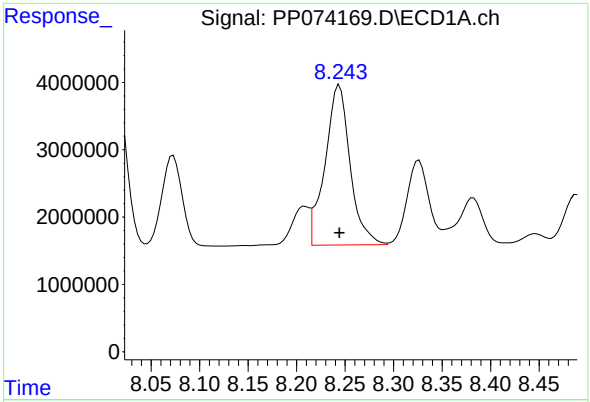
#33 AR-1260-3

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 36092346
Conc: 752.76 ng/ml



#33 AR-1260-3

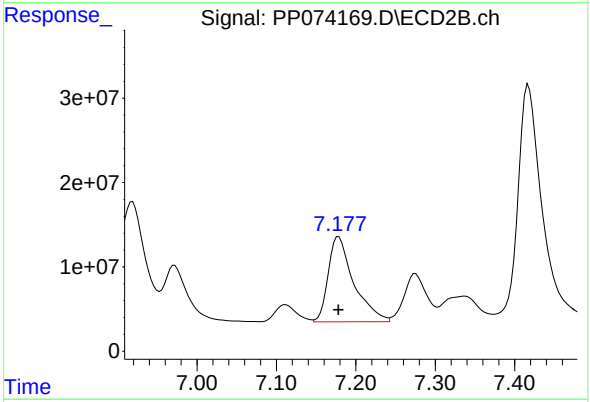
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 313202341
Conc: 763.88 ng/ml



#34 AR-1260-4

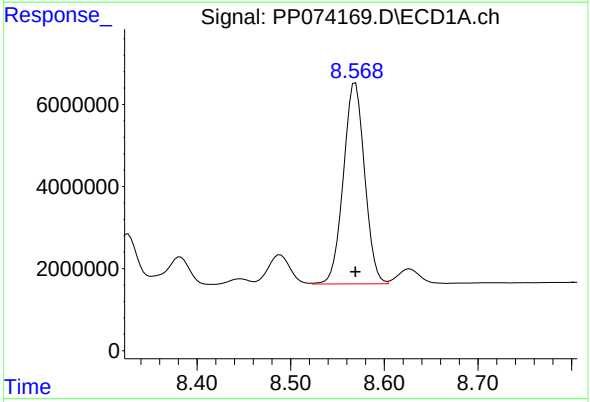
R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 42799948
Conc: 749.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



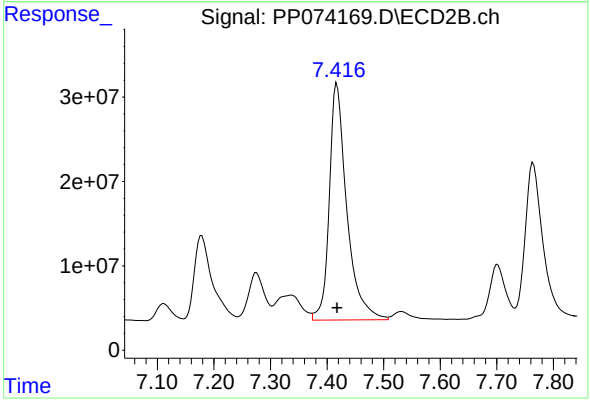
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 224966109
Conc: 748.68 ng/ml



#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 77207219
Conc: 750.37 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 604335110
Conc: 751.76 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:38
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: Aug 01 13:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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...	4.660	3.805	53802576	199.9E6	50.000	50.000
2)	SA Decachlor...	10.438	8.826	47022042	303.2E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.812	4.906	19556469	200.0E6	500.000	500.000
4)	L1 AR-1016-2	5.833	4.963	29173644	93788708	500.000	500.000
5)	L1 AR-1016-3	5.896	5.083	18934969	53031224	500.000	500.000
6)	L1 AR-1016-4	5.993	5.123	15743832	55544690	500.000	500.000
7)	L1 AR-1016-5	6.286	5.339	15720965	59321598	500.000	500.000
31)	L7 AR-1260-1	7.403	6.555	27071230	202.9E6	500.000	500.000
32)	L7 AR-1260-2	7.655	6.709	31956798	154.1E6	500.000	500.000
33)	L7 AR-1260-3	8.013	6.919	25325364	202.0E6	500.000	500.000
34)	L7 AR-1260-4	8.242	7.179	30132251	153.1E6	500.000	500.000
35)	L7 AR-1260-5	8.568	7.418	53869434	397.1E6	500.000	500.000

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

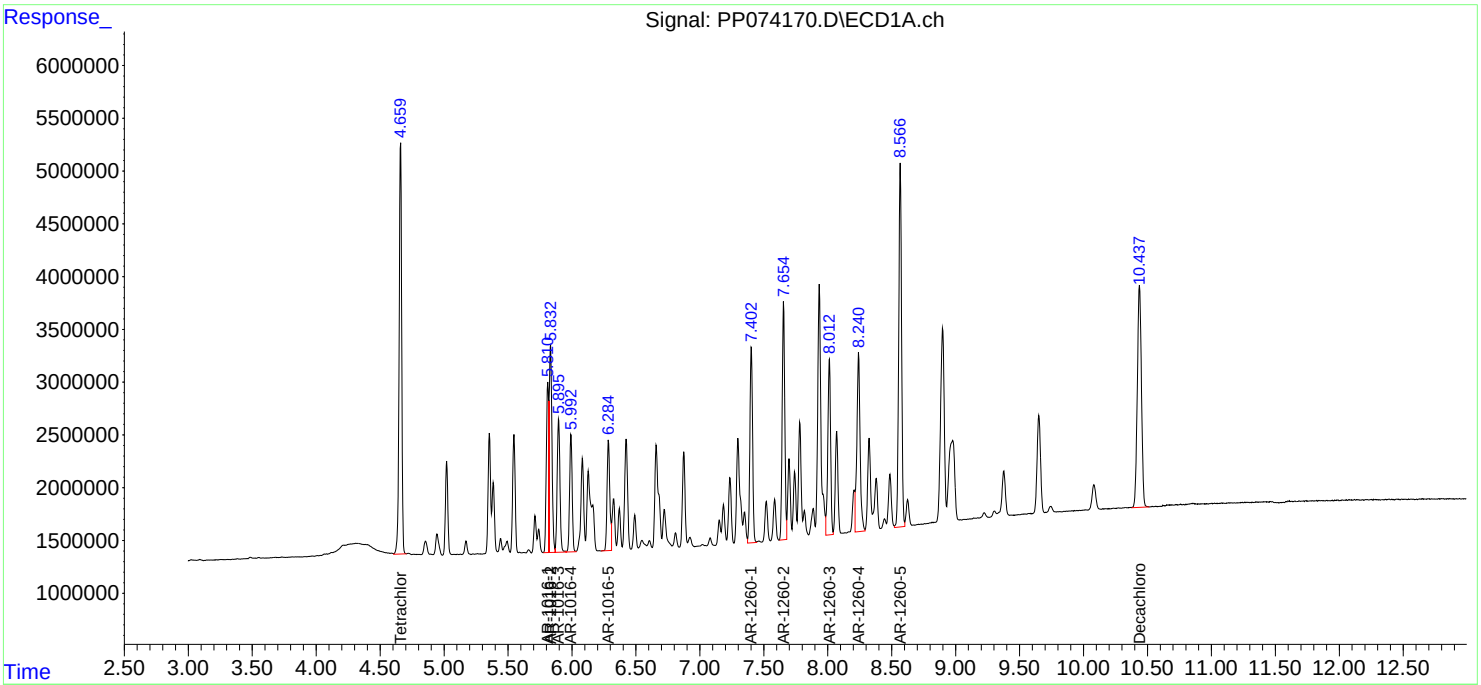
ICAL Form

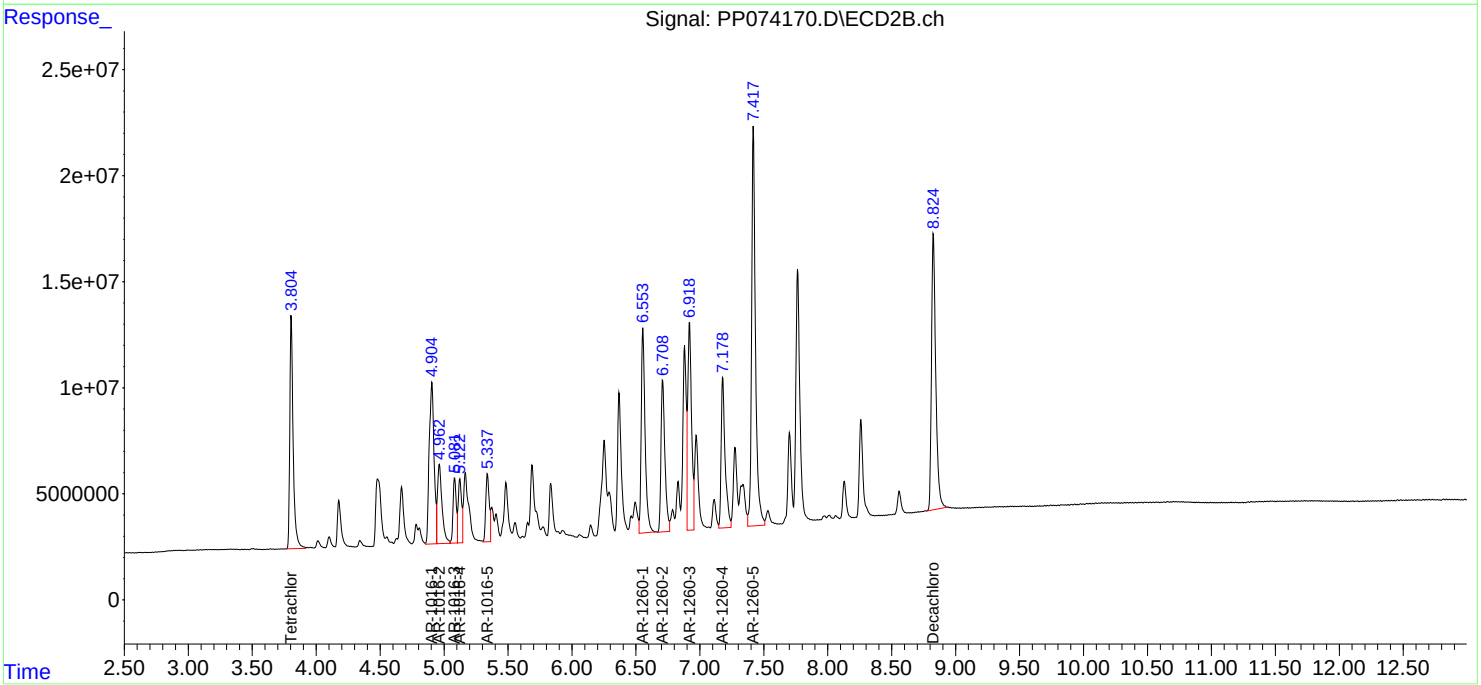
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

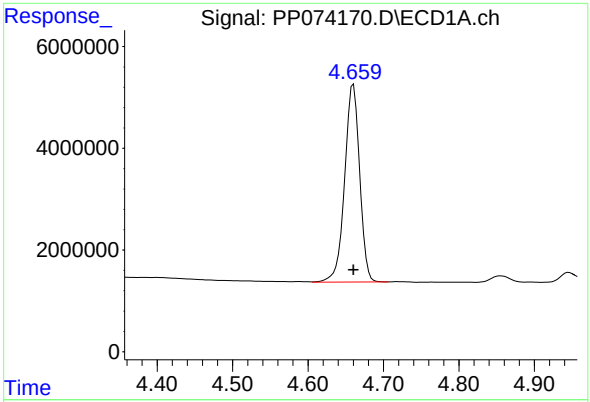
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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



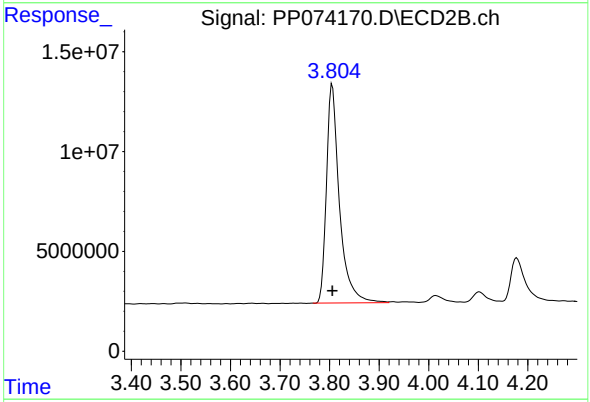




#1 Tetrachloro-m-xylene

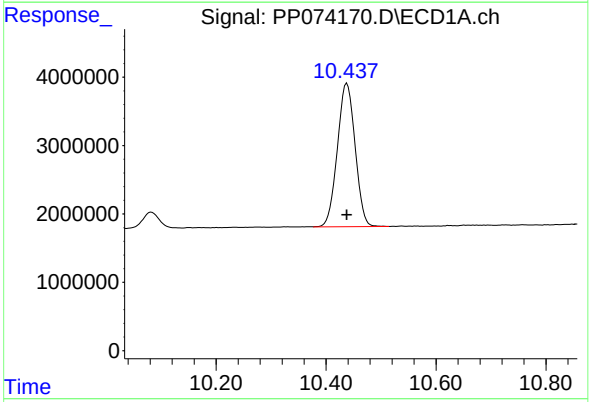
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 53802576
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



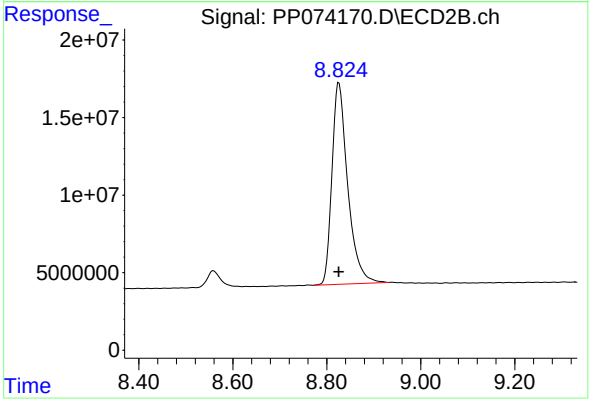
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 199858395
Conc: 50.00 ng/ml



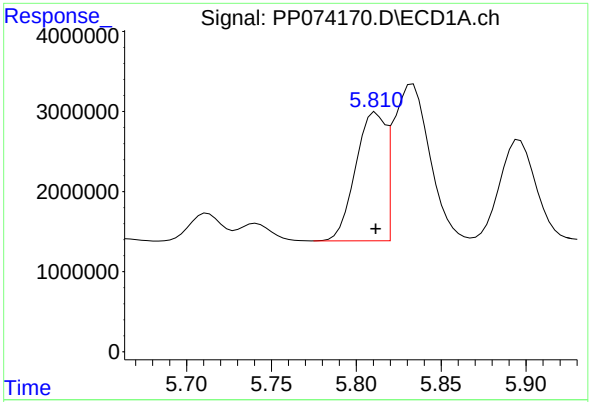
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 47022042
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

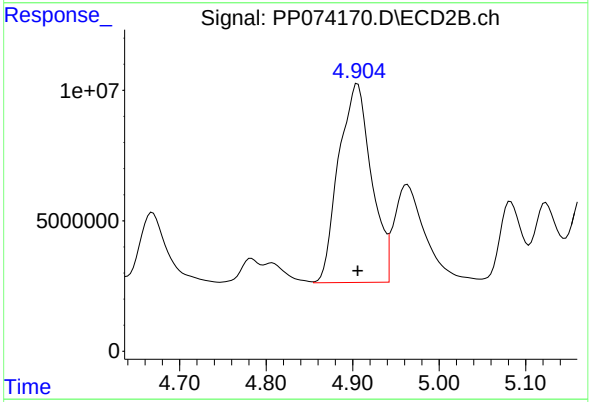
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 303238754
Conc: 50.00 ng/ml



#3 AR-1016-1

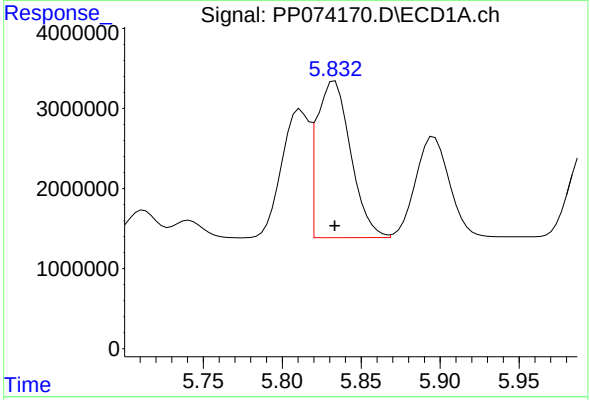
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 19556469
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



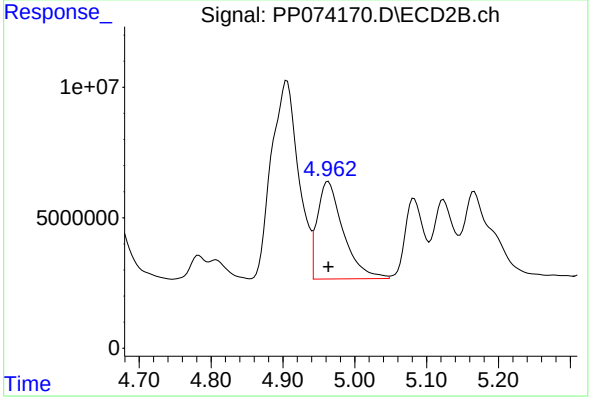
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 199956180
Conc: 500.00 ng/ml



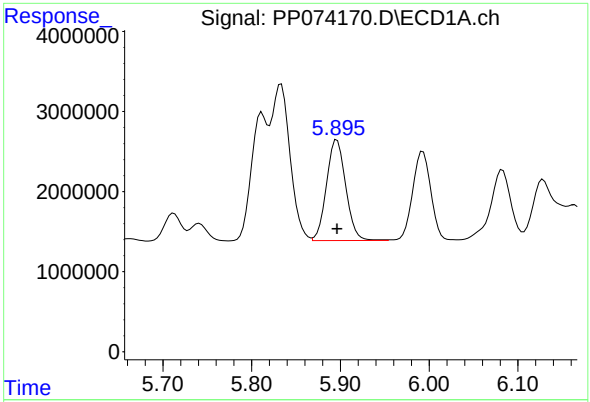
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 29173644
Conc: 500.00 ng/ml



#4 AR-1016-2

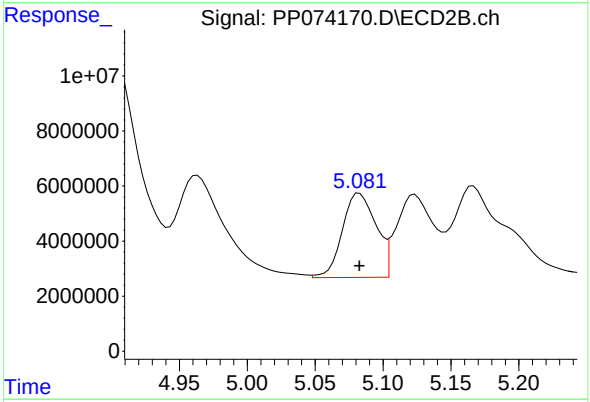
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 93788708
Conc: 500.00 ng/ml



#5 AR-1016-3

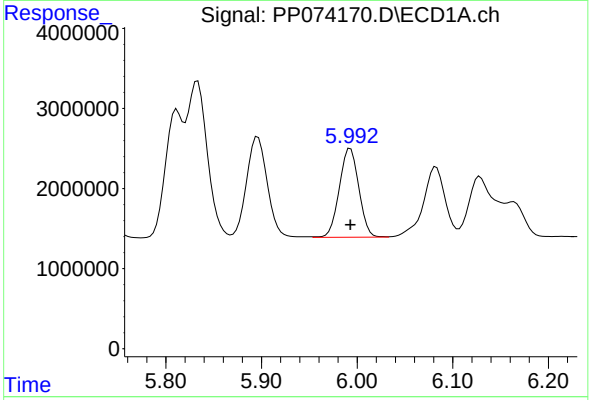
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 18934969
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



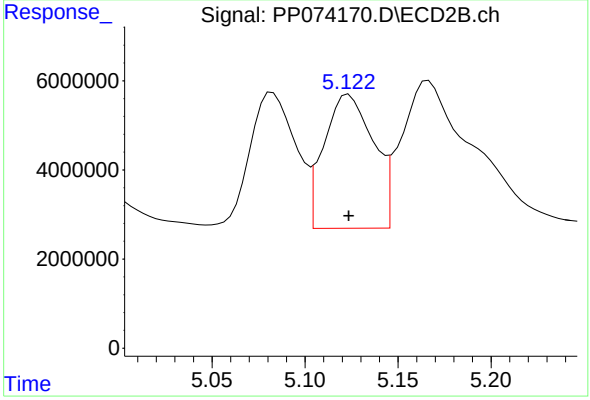
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 53031224
Conc: 500.00 ng/ml



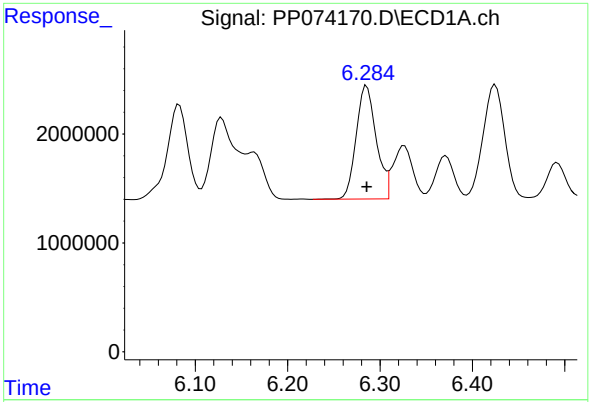
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 15743832
Conc: 500.00 ng/ml



#6 AR-1016-4

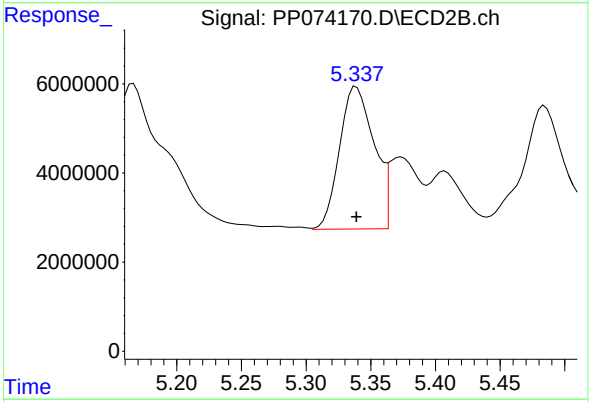
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 55544690
Conc: 500.00 ng/ml



#7 AR-1016-5

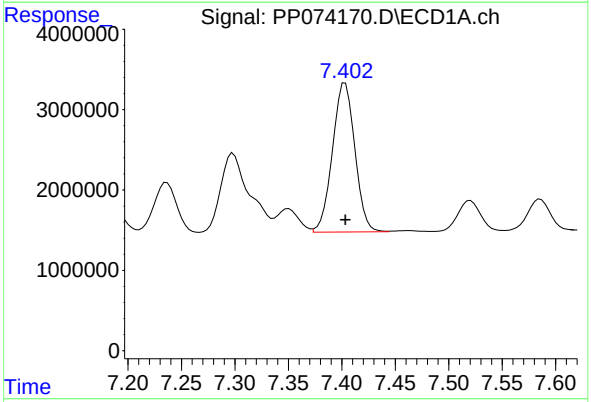
R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 15720965
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



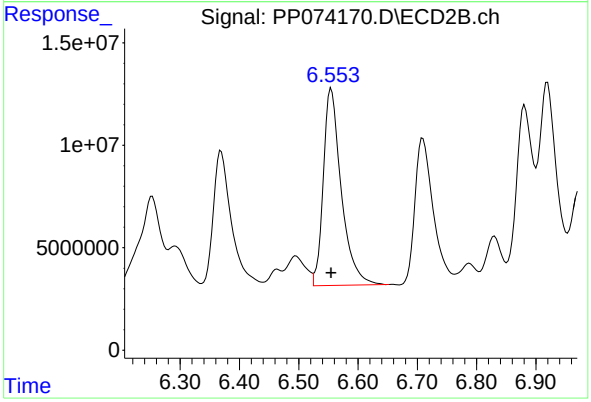
#7 AR-1016-5

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 59321598
Conc: 500.00 ng/ml



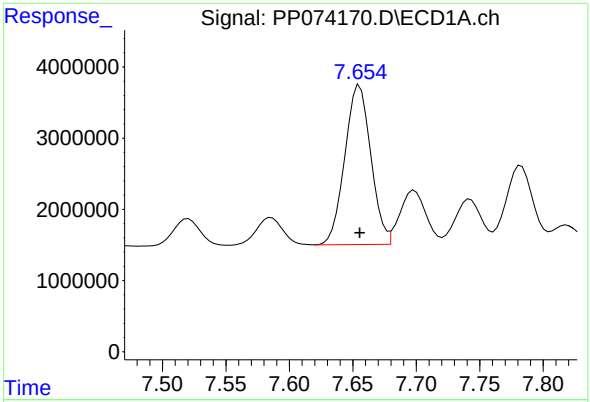
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 27071230
Conc: 500.00 ng/ml



#31 AR-1260-1

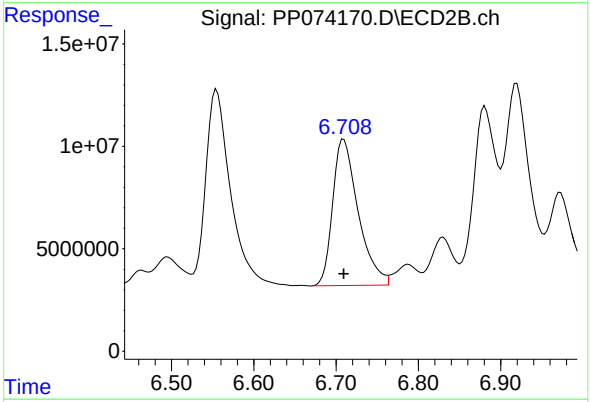
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 202862910
Conc: 500.00 ng/ml



#32 AR-1260-2

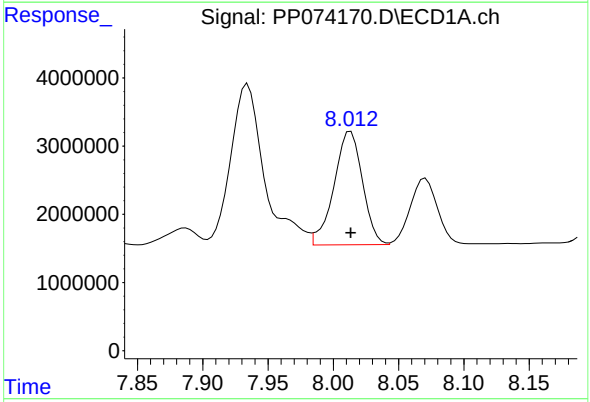
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 31956798
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



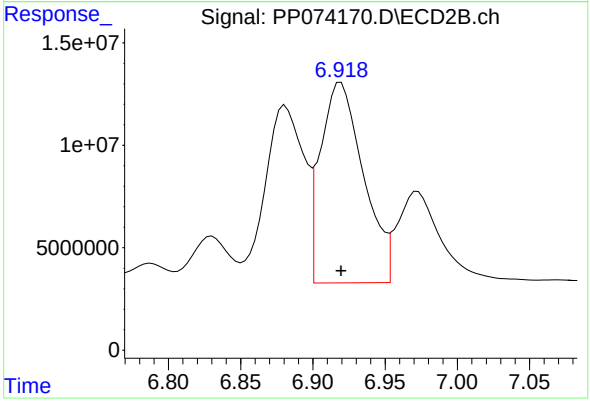
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 154133075
Conc: 500.00 ng/ml



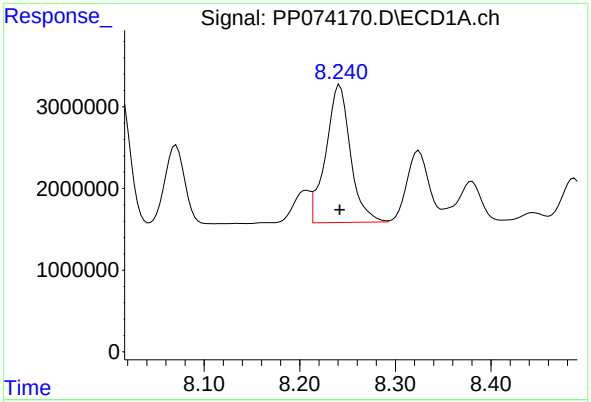
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 25325364
Conc: 500.00 ng/ml



#33 AR-1260-3

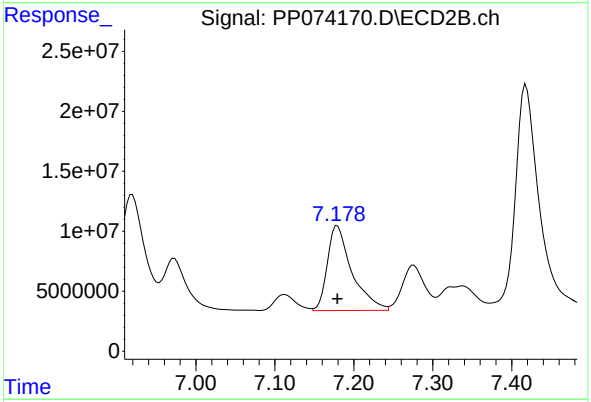
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 202034308
Conc: 500.00 ng/ml



#34 AR-1260-4

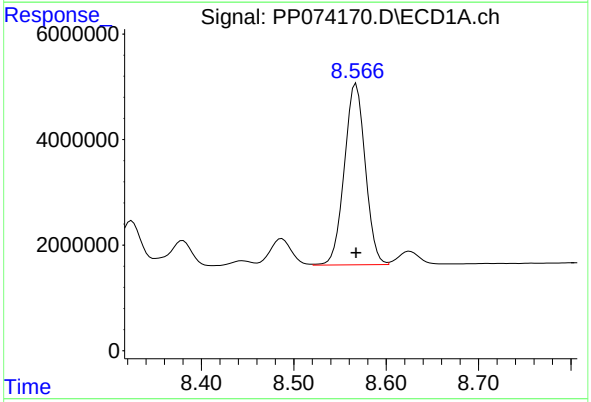
R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 30132251
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



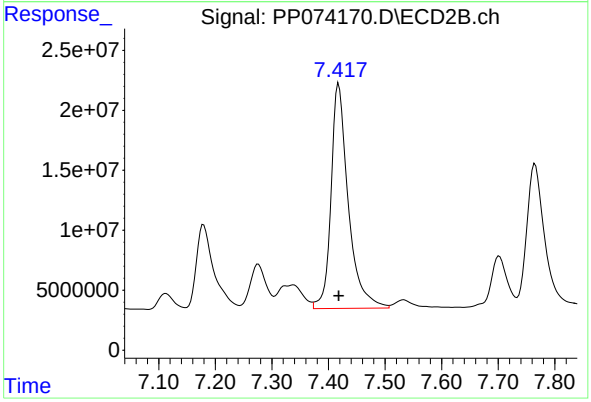
#34 AR-1260-4

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 153068301
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 53869434
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 397056043
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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...	4.658	3.807	28863110	91466480	27.077	22.767
2)	SA Decachlor...	10.435	8.827	25421801	149.8E6	27.450	24.664
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.907	10964759	100.9E6	281.744	251.671
4)	L1 AR-1016-2	5.832	4.965	16172490	49571013	281.221	259.123
5)	L1 AR-1016-3	5.895	5.085	10675549	28731399	285.290	266.268
6)	L1 AR-1016-4	5.991	5.126	8965609	27406022	287.521	254.800
7)	L1 AR-1016-5	6.282	5.340	8901636	29720771	287.291m	252.036
31)	L7 AR-1260-1	7.399	6.557	14779955	109.5E6	277.879m	267.207
32)	L7 AR-1260-2	7.652	6.711	17850337	76433717	284.356m	249.893
33)	L7 AR-1260-3	8.011	6.922	14251387	95830018	283.827	237.590
34)	L7 AR-1260-4	8.240	7.182	16666094	70195428	280.066	237.501
35)	L7 AR-1260-5	8.565	7.421	29333116	183.1E6	275.424	232.969

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

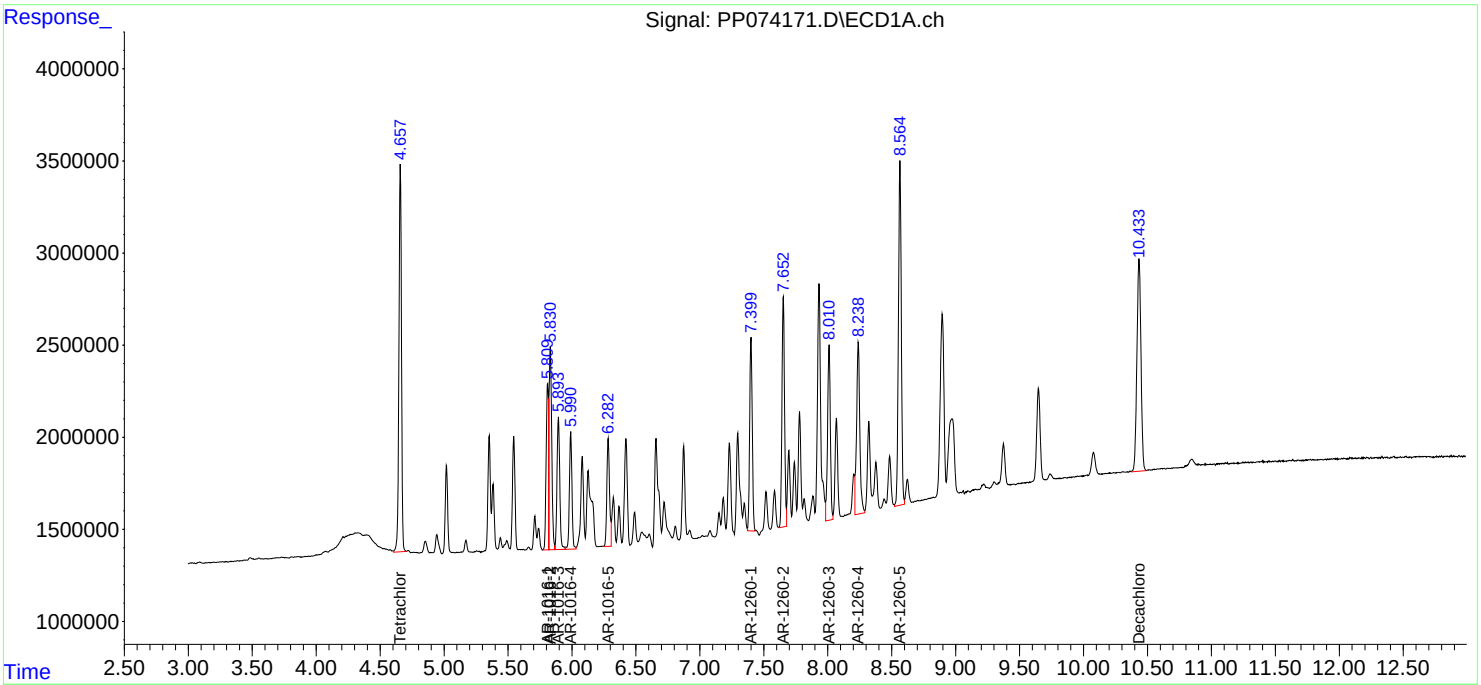
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

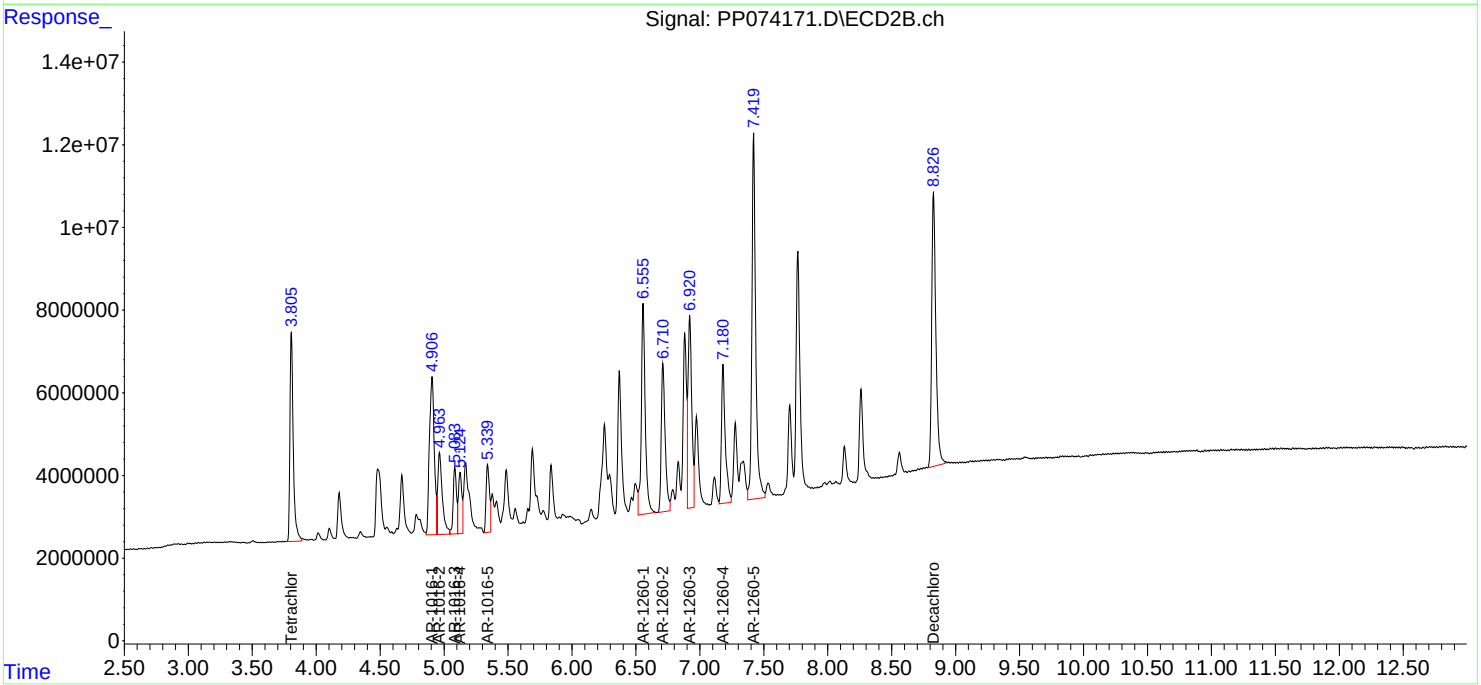
Manual Integrations APPROVED

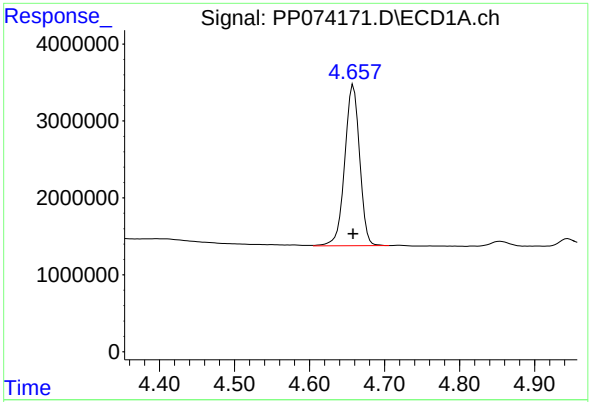
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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







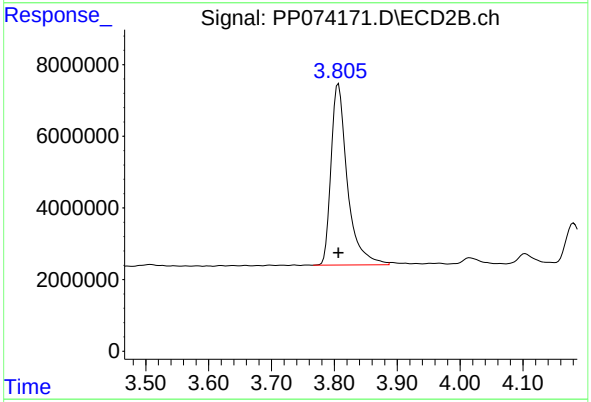
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

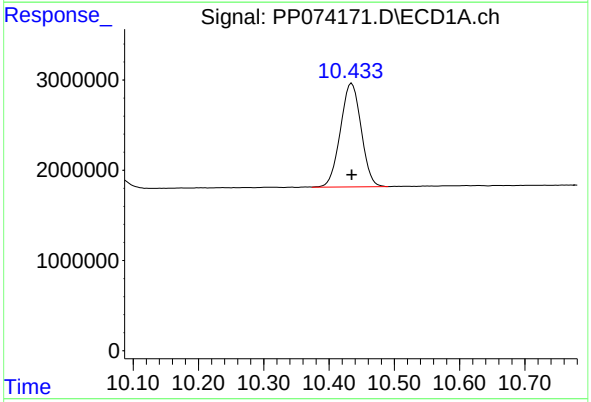
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



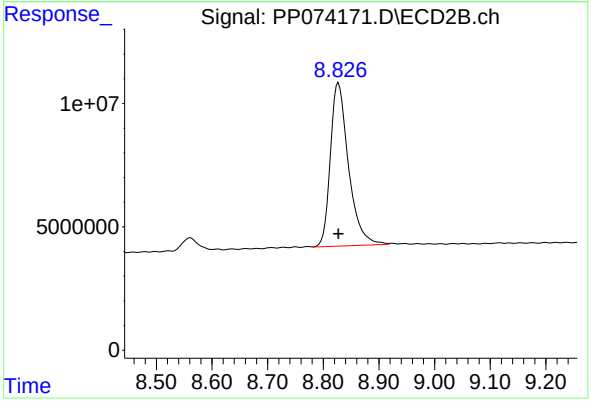
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



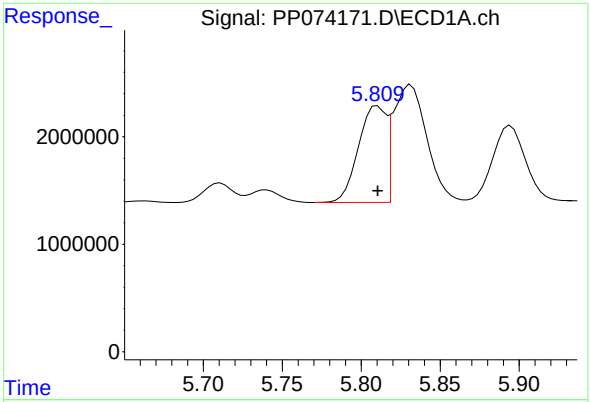
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml



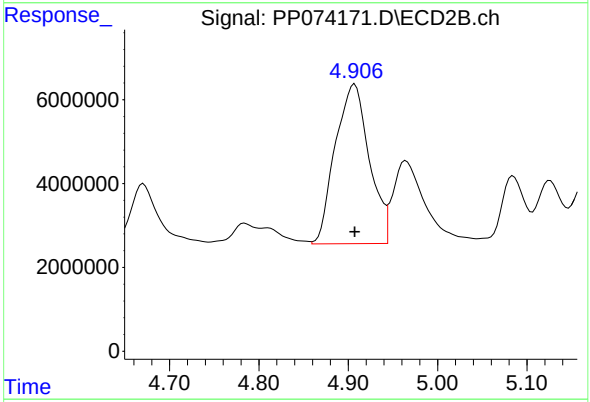
#3 AR-1016-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

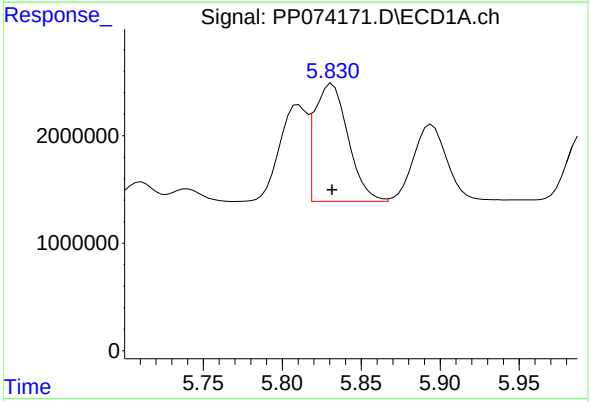
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



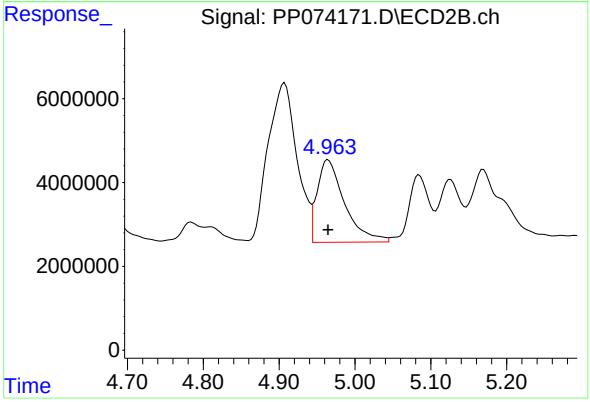
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml



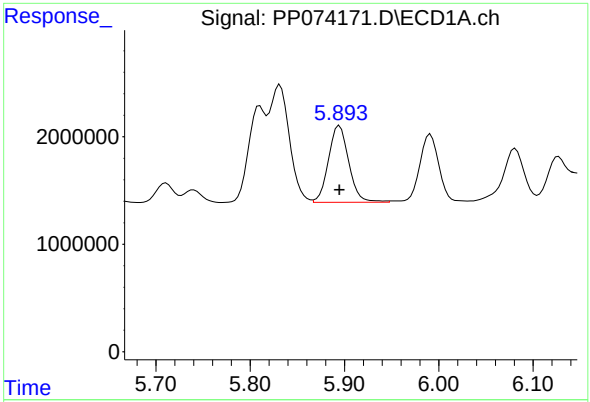
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml



#4 AR-1016-2

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml



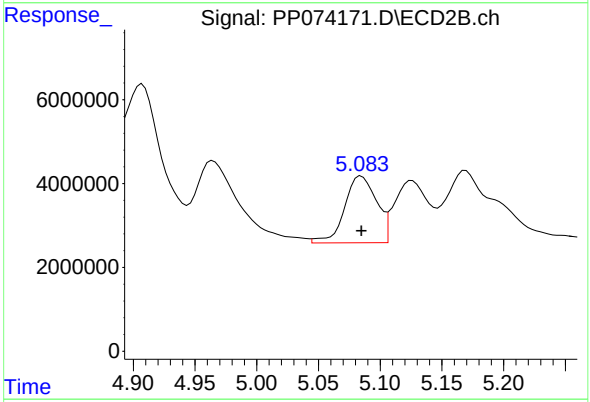
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

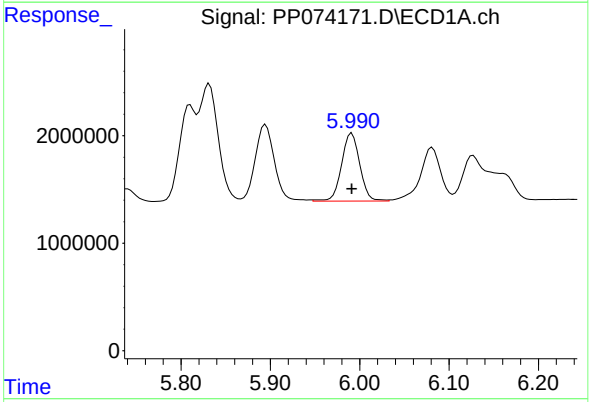
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



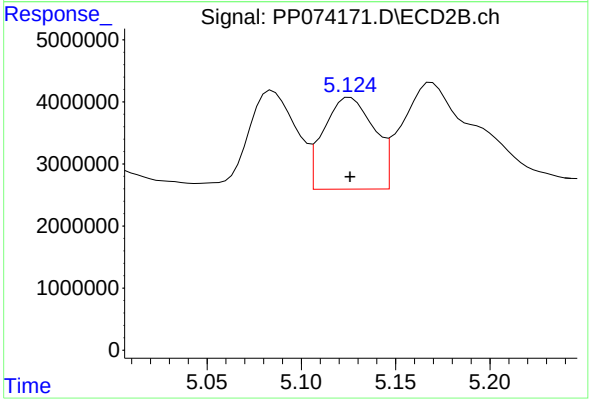
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml



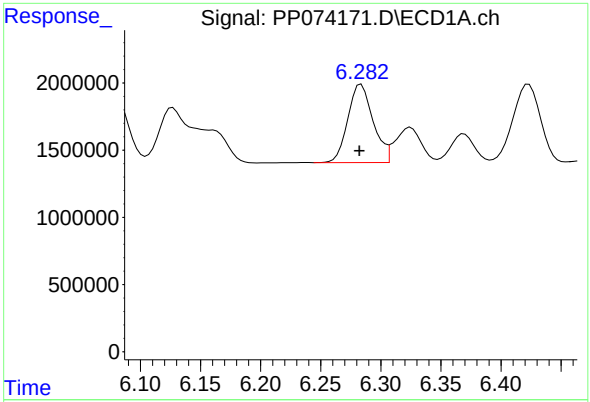
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml



#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml



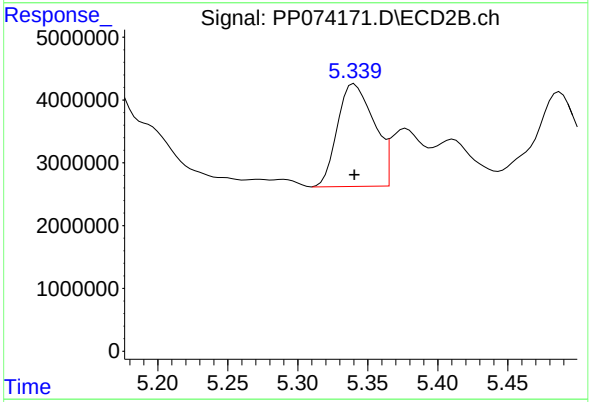
#7 AR-1016-5

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 8901636
Conc: 287.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

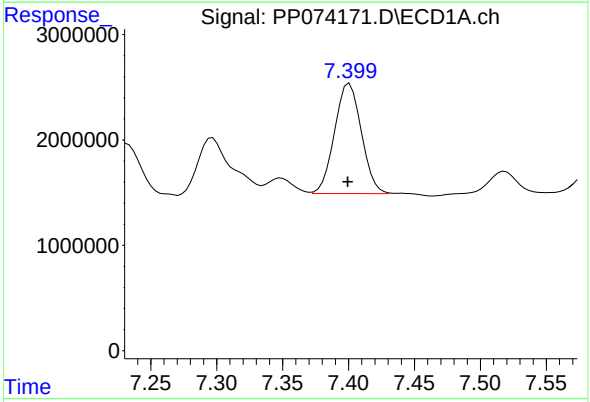
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



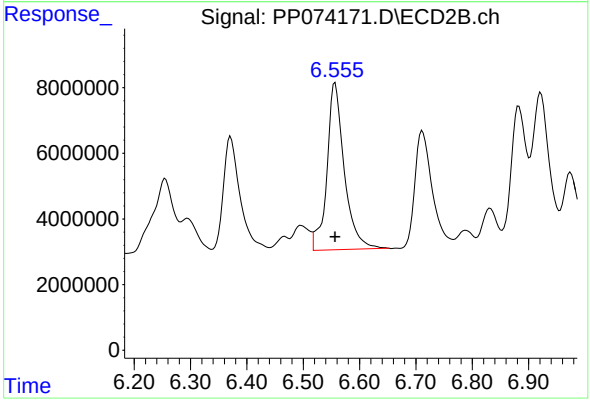
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



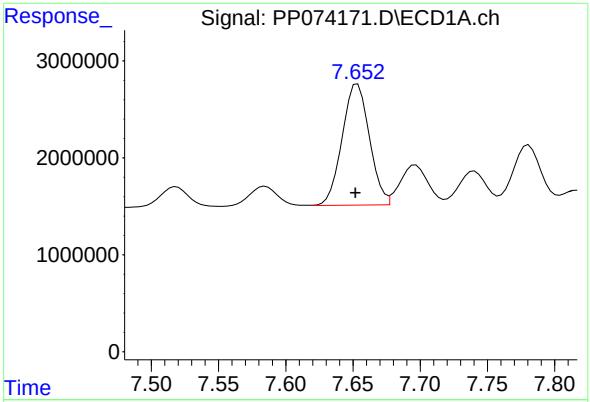
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 14779955
Conc: 277.88 ng/ml m



#31 AR-1260-1

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



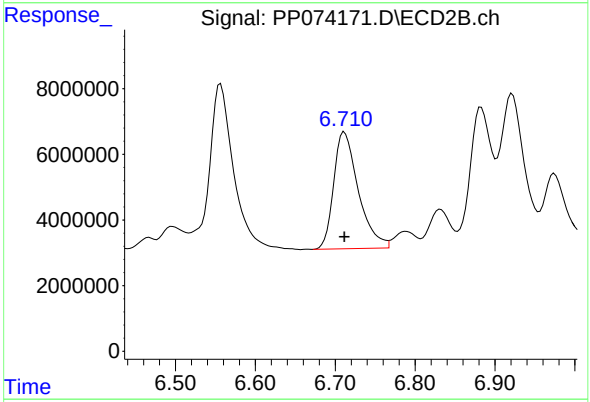
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 17850337
Conc: 284.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

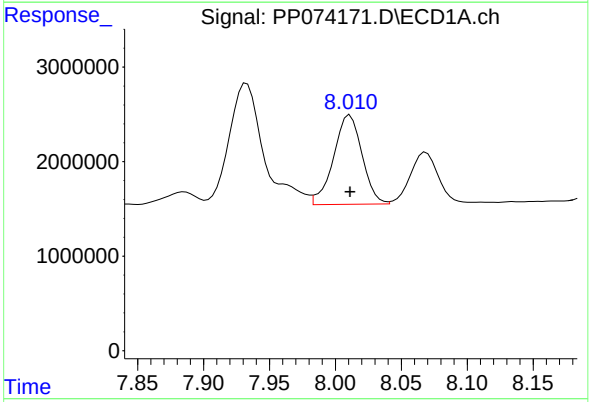
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



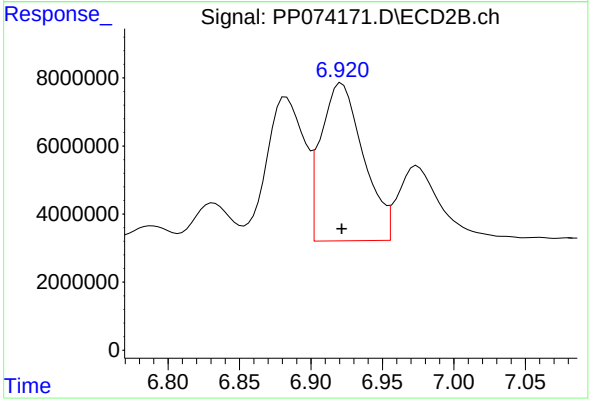
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



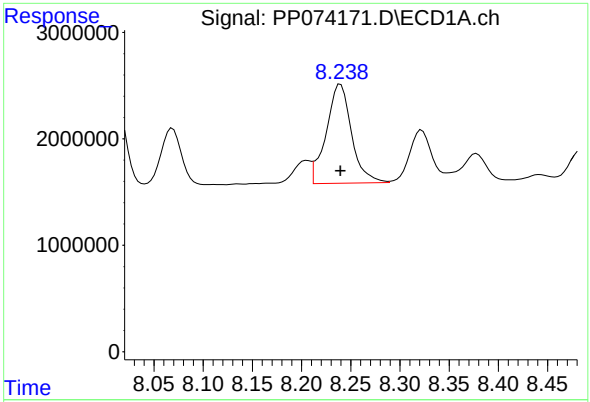
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



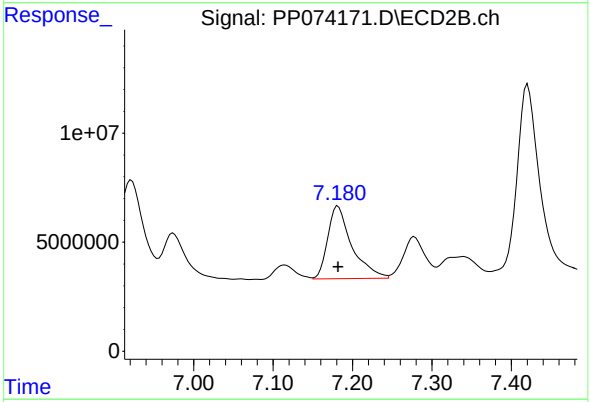
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

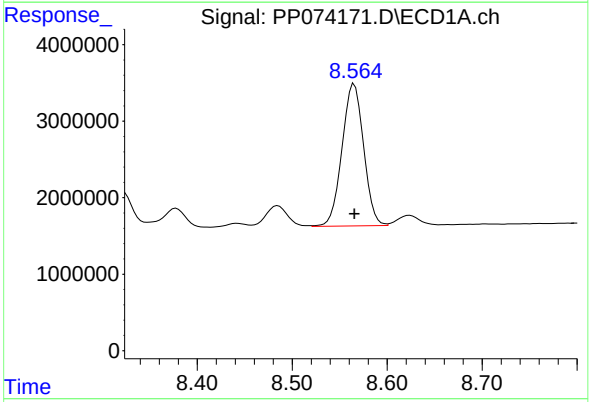
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



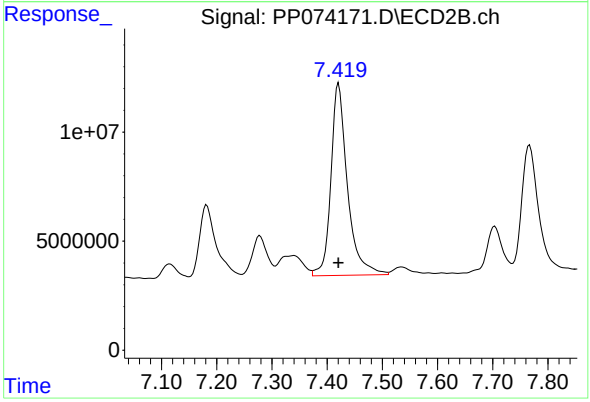
#34 AR-1260-4

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 70195428
Conc: 237.50 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 29333116
Conc: 275.42 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 183122844
Conc: 232.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:58:39 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...	4.660	3.804	6638630	15510226	5.935m	4.043m#
2)	SA Decachlor...	10.437	8.827	5756903	28876514	5.928	4.802
	Target Compounds						
3)	L1 AR-1016-1	5.813	4.906	2530723	19510776	61.341	48.913
4)	L1 AR-1016-2	5.835	4.966	3683827	8691681	60.647	46.279
5)	L1 AR-1016-3	5.897	5.084	2431131	4936579	61.299	46.541
6)	L1 AR-1016-4	5.994	5.124	1899628	5793266	58.370	53.042
7)	L1 AR-1016-5	6.287	5.341	1907560	5656312	58.752	48.360
31)	L7 AR-1260-1	7.404	6.556	3495993	19010301	62.034	47.060
32)	L7 AR-1260-2	7.656	6.709	4438588	17001537	64.615m	54.991m
33)	L7 AR-1260-3	8.015	6.920	3281661	17861059	61.574	45.319 #
34)	L7 AR-1260-4	8.242	7.180	3752198	13633196	59.829m	46.853
35)	L7 AR-1260-5	8.568	7.418	7025863	32144633	62.008	42.440 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

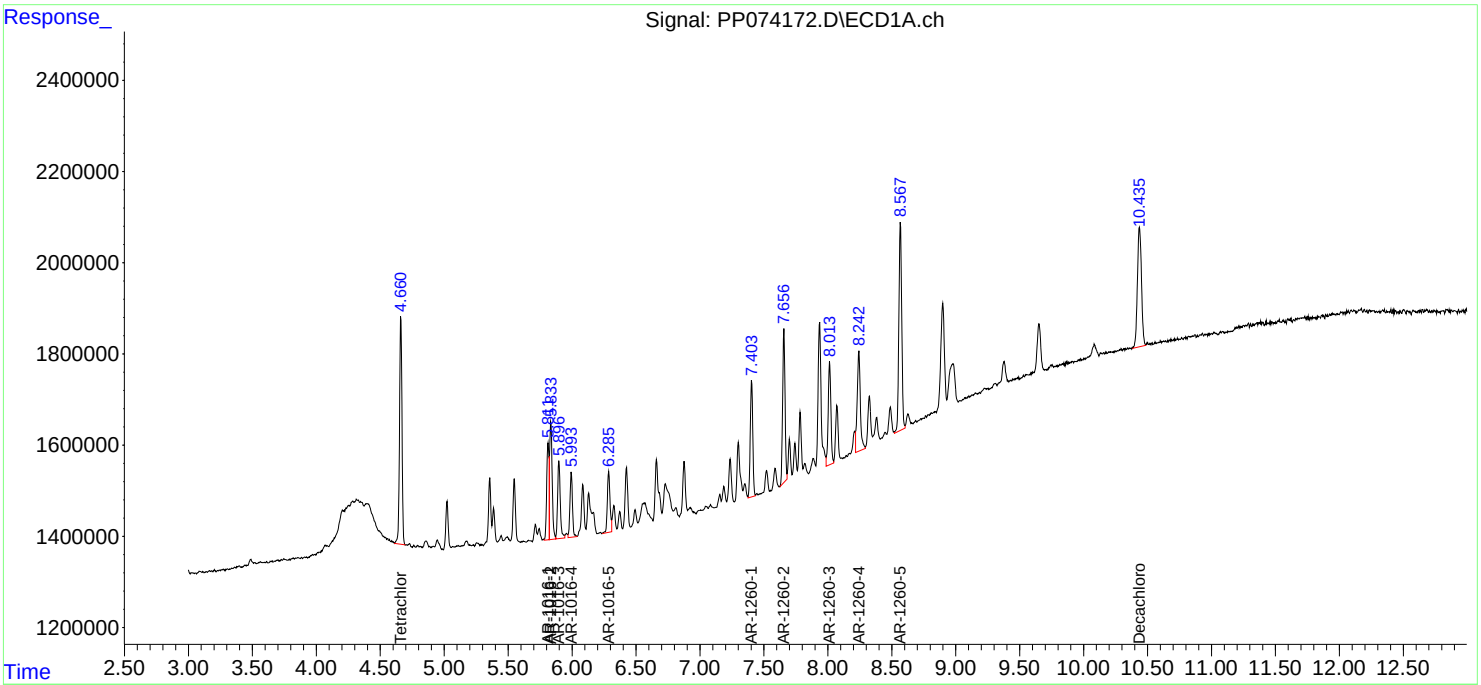
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

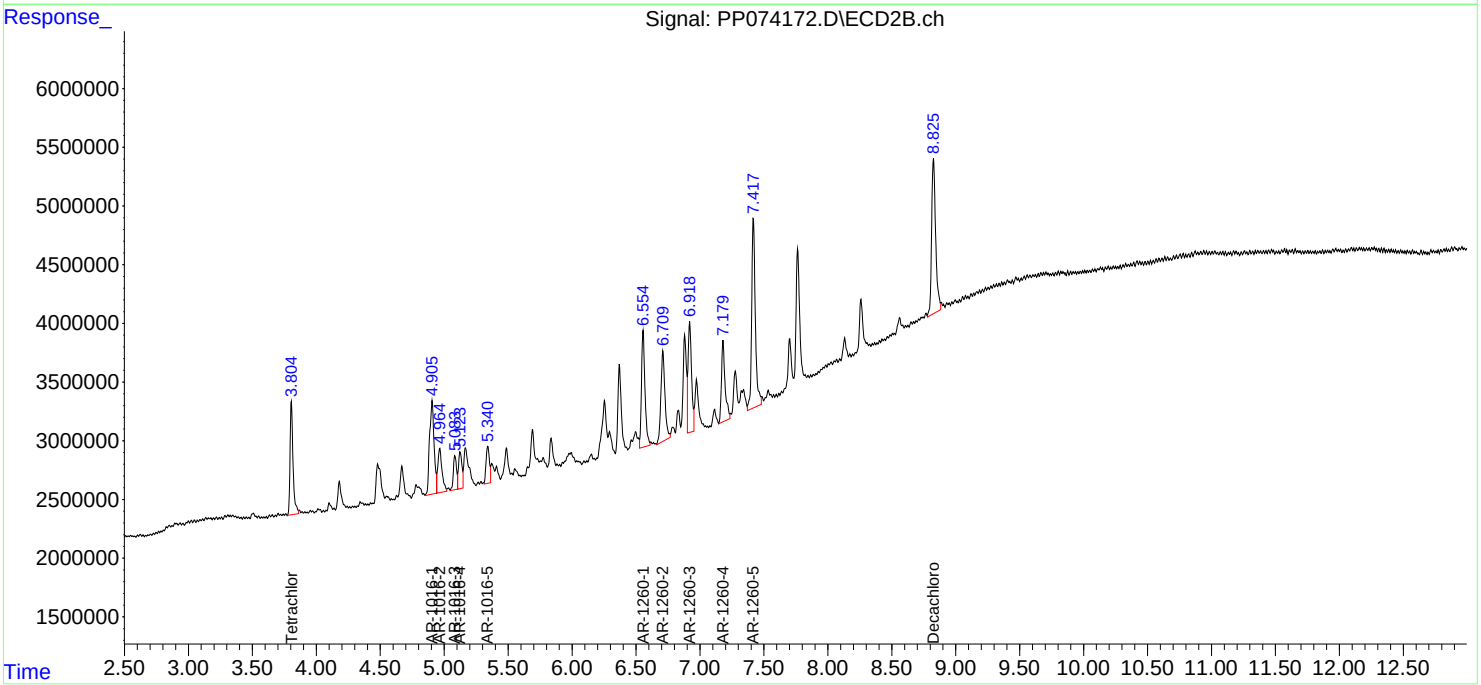
Manual Integrations APPROVED

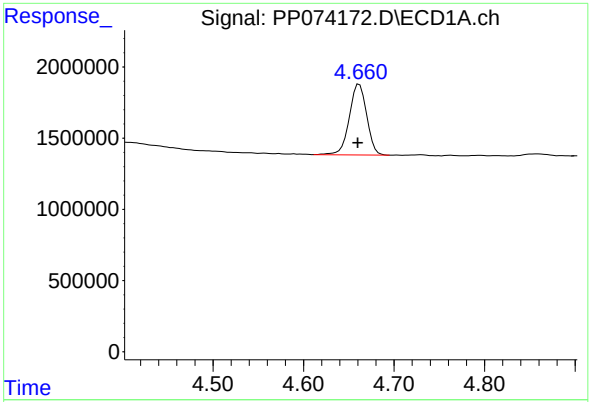
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:58:39 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







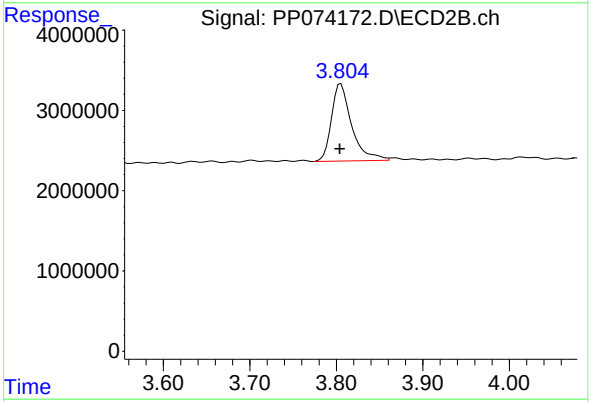
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 6638630
Conc: 5.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

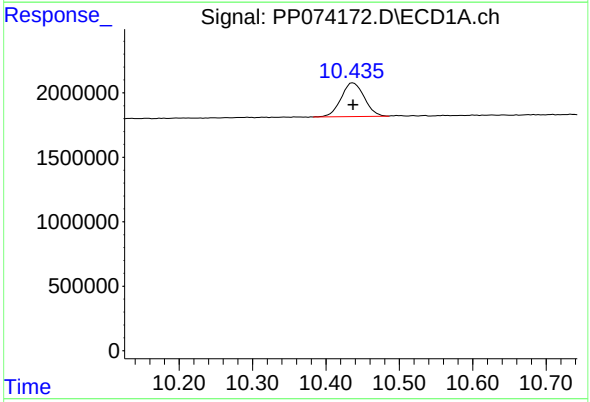
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



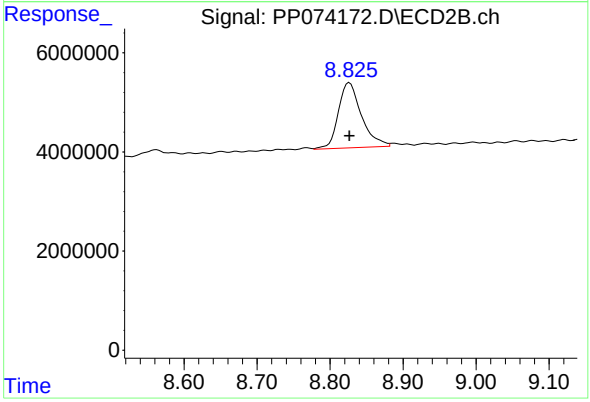
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 15510226
Conc: 4.04 ng/ml m



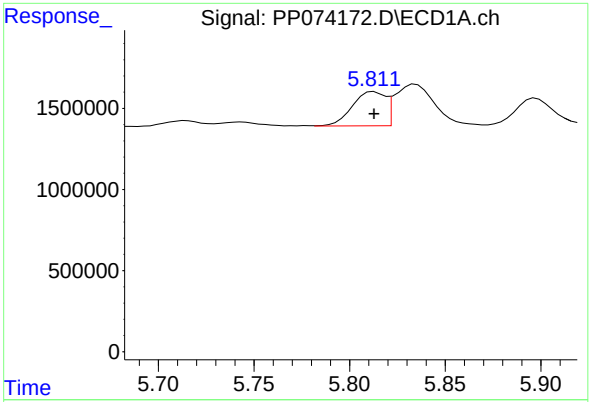
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 5756903
Conc: 5.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 28876514
Conc: 4.80 ng/ml



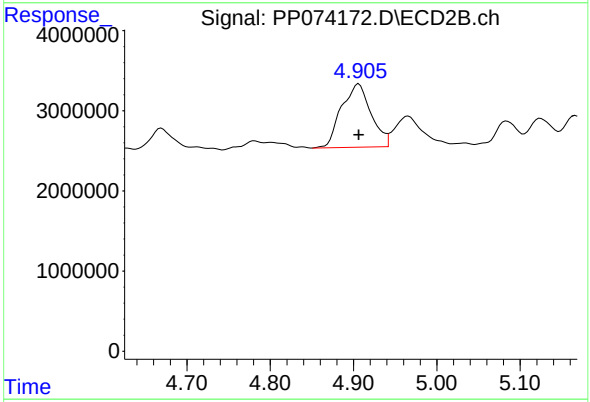
#3 AR-1016-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 2530723
Conc: 61.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

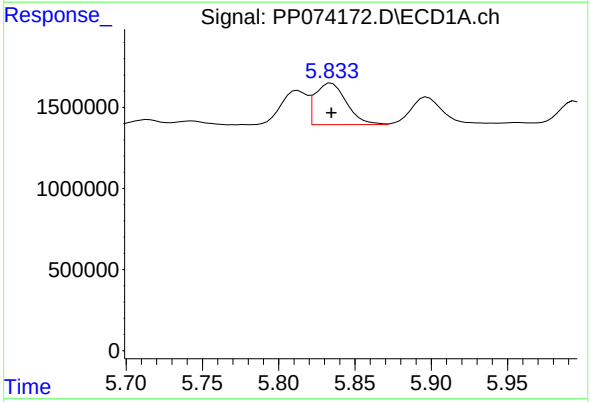
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



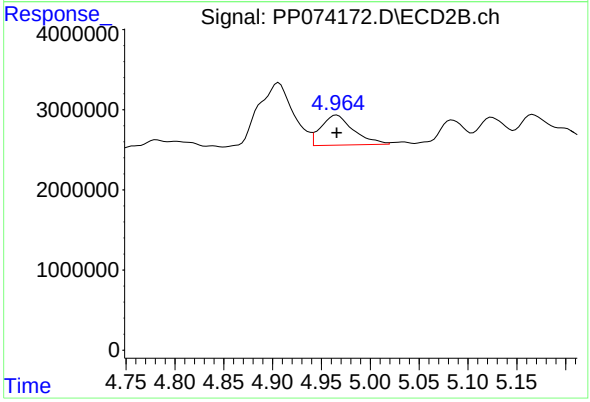
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 19510776
Conc: 48.91 ng/ml



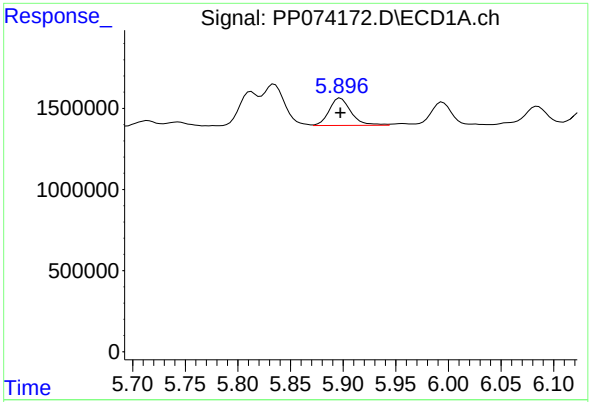
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 3683827
Conc: 60.65 ng/ml



#4 AR-1016-2

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 8691681
Conc: 46.28 ng/ml



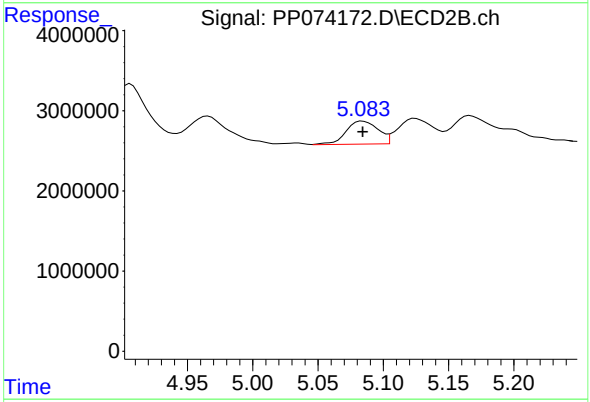
#5 AR-1016-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 2431131
Conc: 61.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

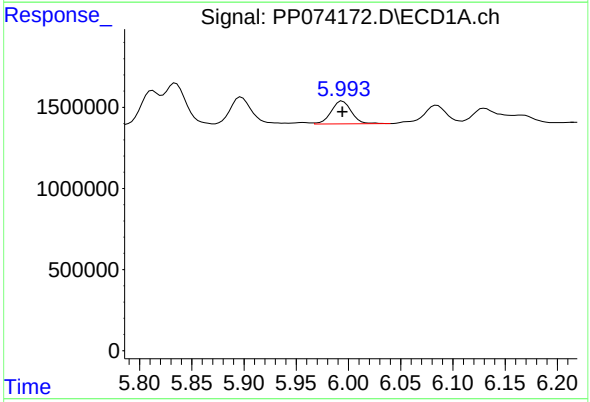
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



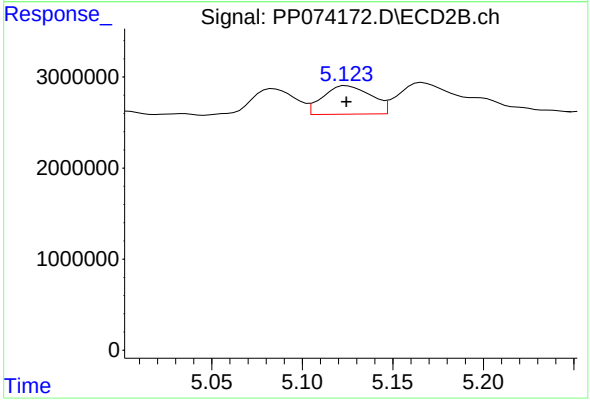
#5 AR-1016-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 4936579
Conc: 46.54 ng/ml



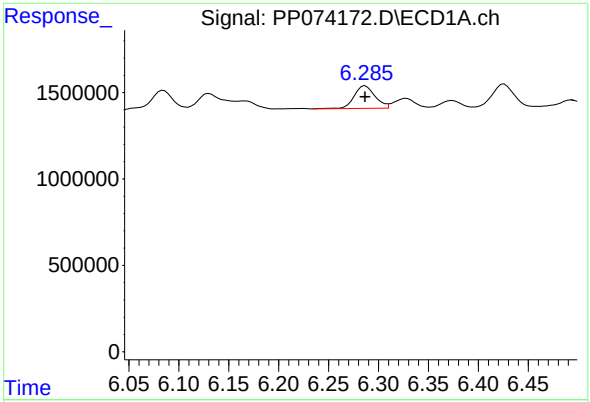
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 1899628
Conc: 58.37 ng/ml



#6 AR-1016-4

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 5793266
Conc: 53.04 ng/ml



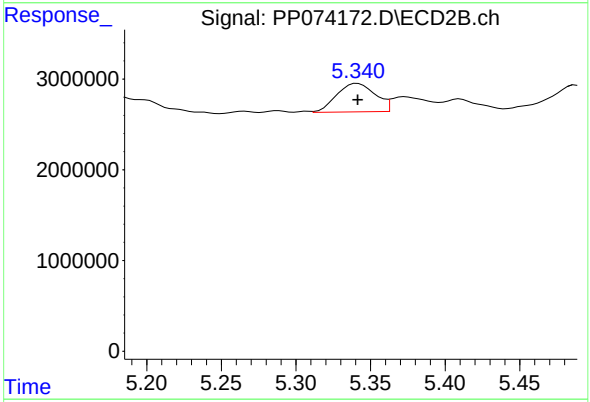
#7 AR-1016-5

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1907560
Conc: 58.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

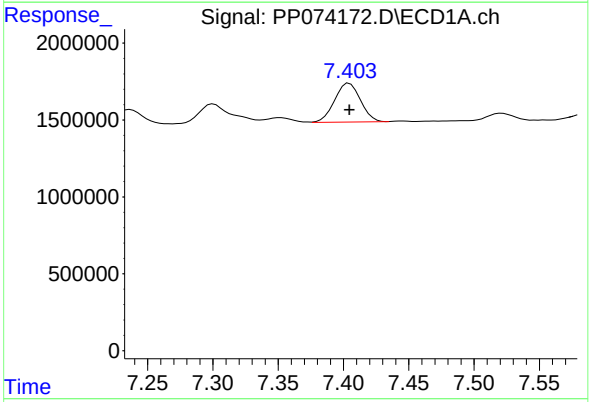
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



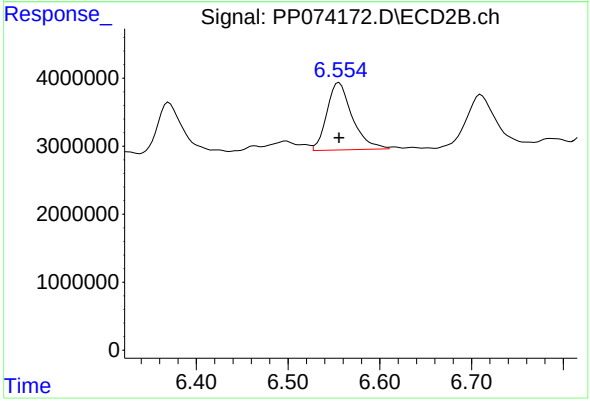
#7 AR-1016-5

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 5656312
Conc: 48.36 ng/ml



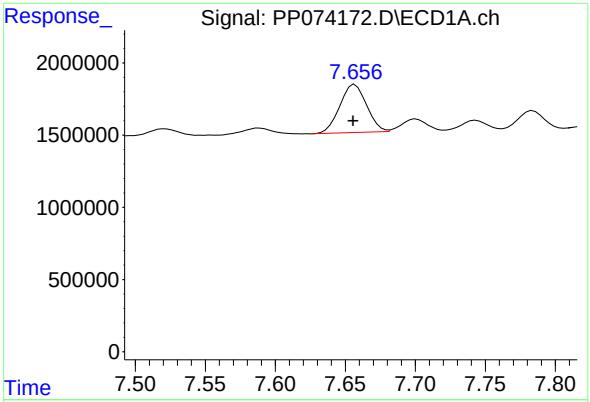
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3495993
Conc: 62.03 ng/ml



#31 AR-1260-1

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 19010301
Conc: 47.06 ng/ml



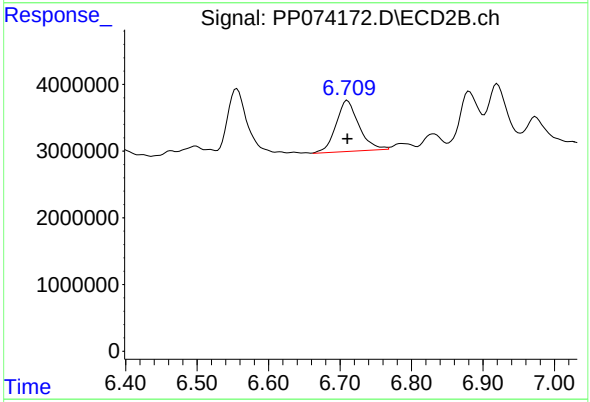
#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 4438588
Conc: 64.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

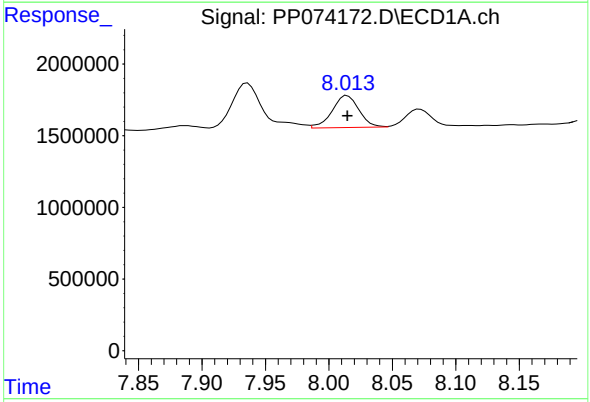
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



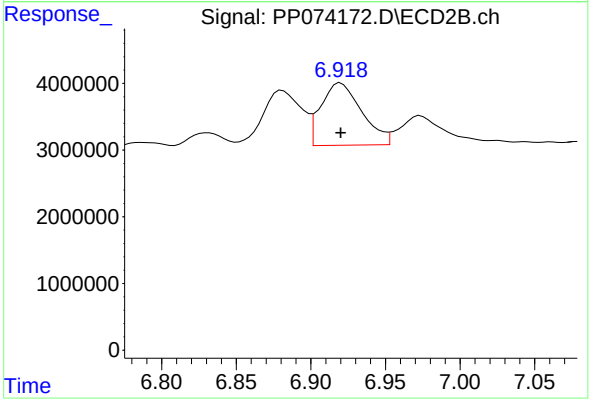
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 17001537
Conc: 54.99 ng/ml m



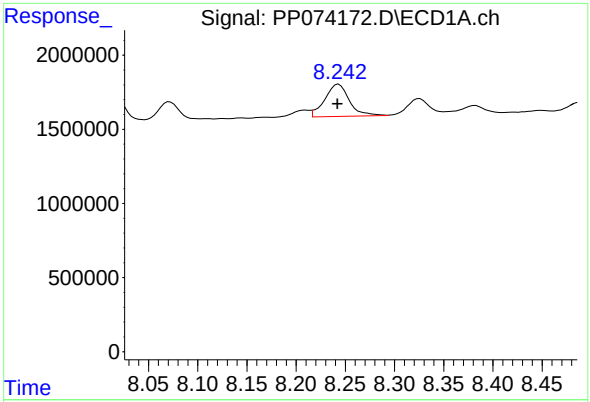
#33 AR-1260-3

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3281661
Conc: 61.57 ng/ml



#33 AR-1260-3

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 17861059
Conc: 45.32 ng/ml



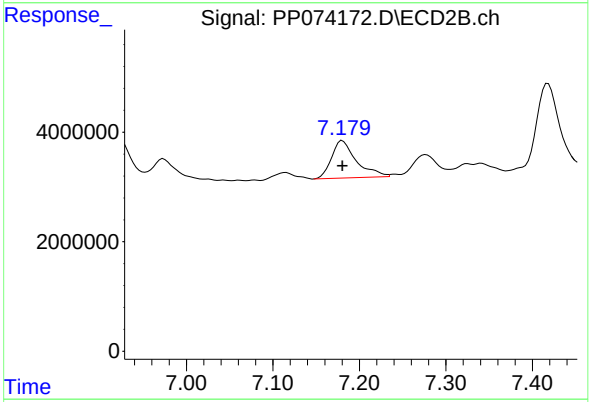
#34 AR-1260-4

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 3752198
Conc: 59.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

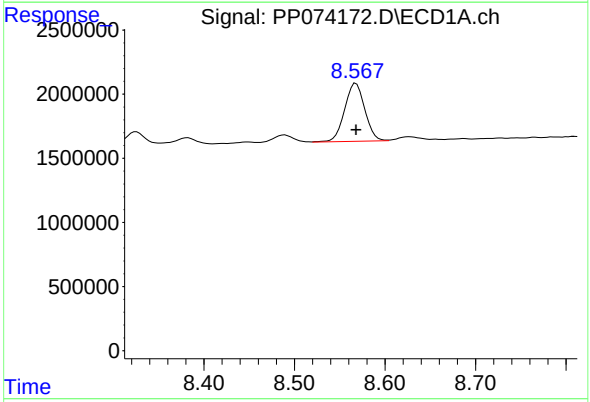
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



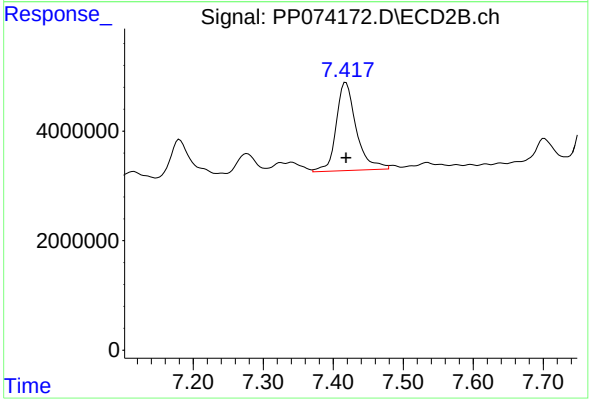
#34 AR-1260-4

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 13633196
Conc: 46.85 ng/ml



#35 AR-1260-5

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 7025863
Conc: 62.01 ng/ml



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 32144633
Conc: 42.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:58
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: Aug 01 15:14:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 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...	4.658	3.803	54821028	195.8E6	50.000	50.000
2)	SA Decachlor...	10.435	8.825	46278402	298.9E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.858	4.015	8381808	24542587	500.000	500.000
9)	L2 AR-1221-2	4.944	4.100	6300527	17944660	500.000	500.000
10)	L2 AR-1221-3	5.019	4.176	18317605	67612277	500.000	500.000

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

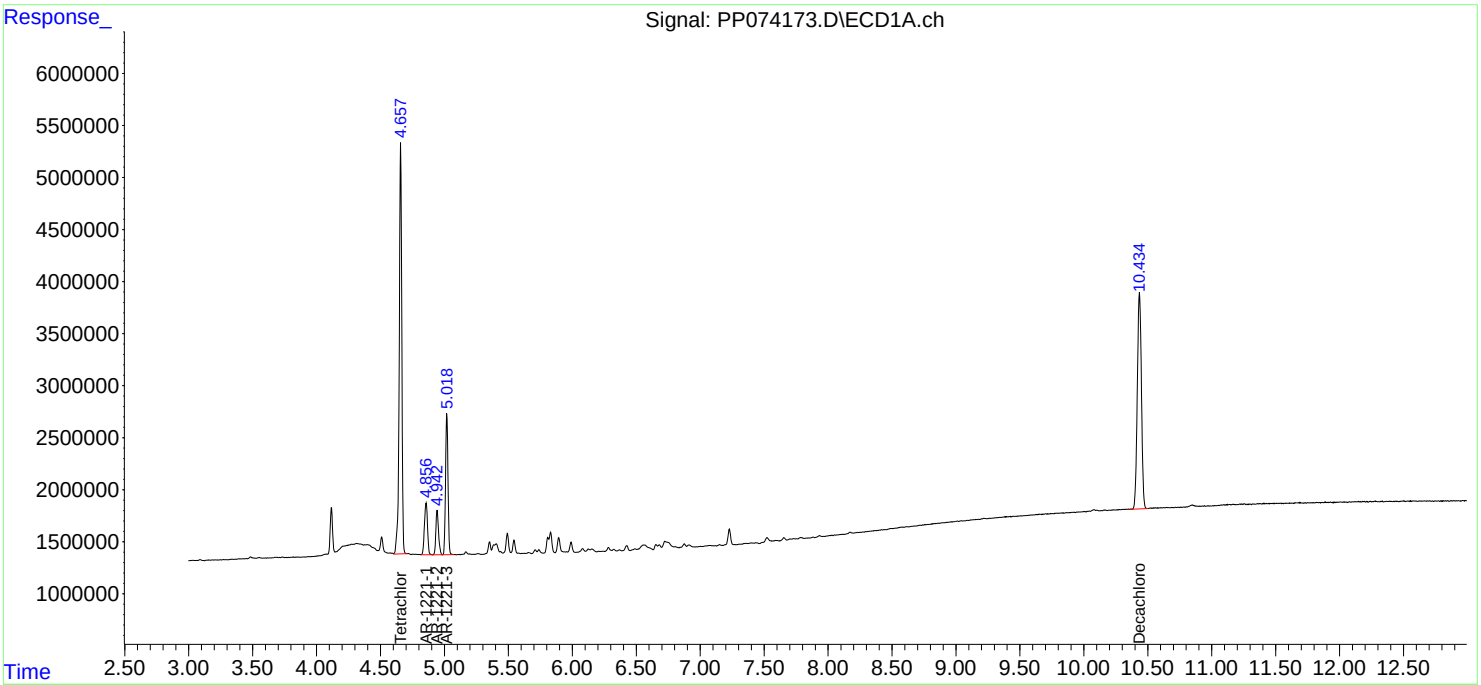
ICAL Form

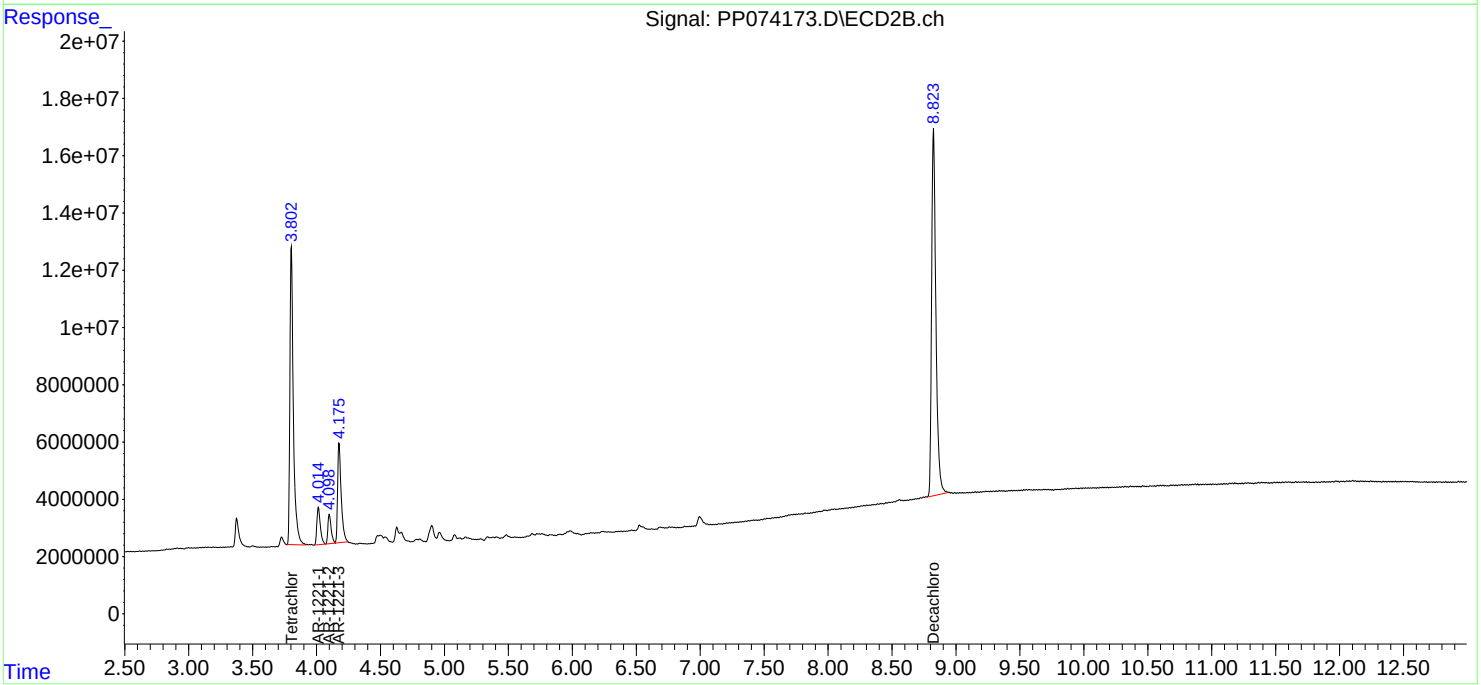
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:58
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

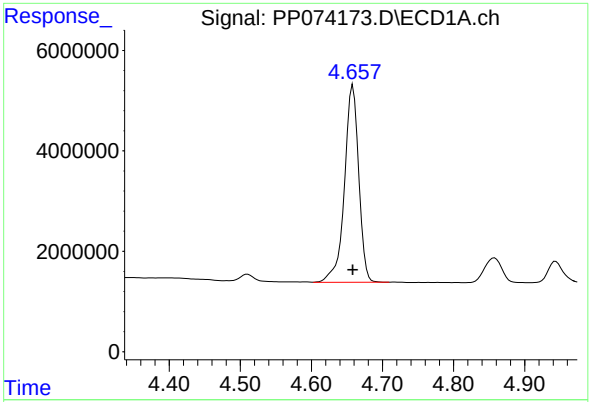
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:14:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 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



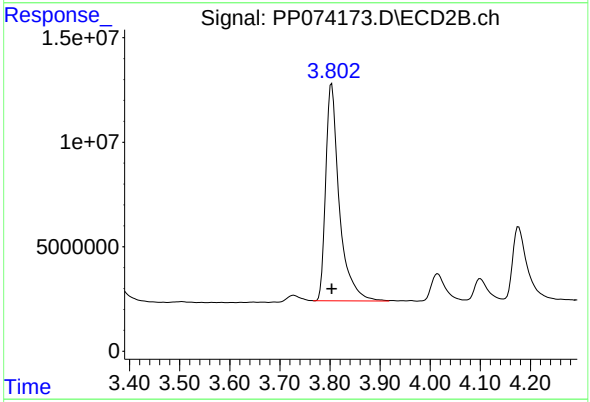




#1 Tetrachloro-m-xylene

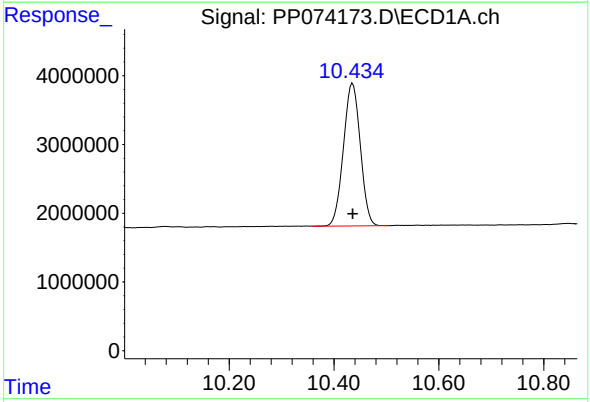
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 54821028
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



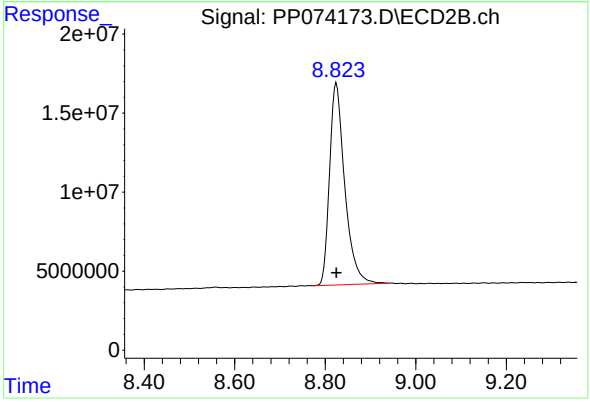
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 195798506
Conc: 50.00 ng/ml



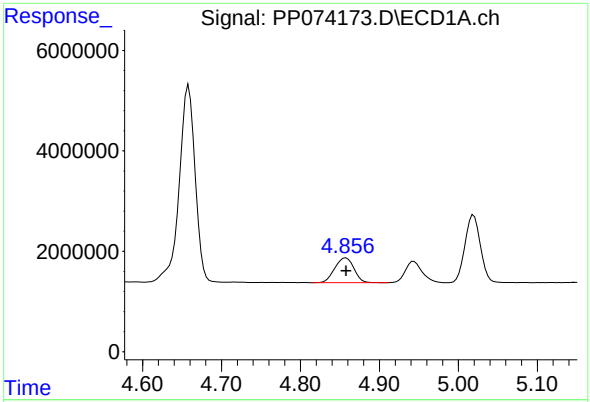
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 46278402
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

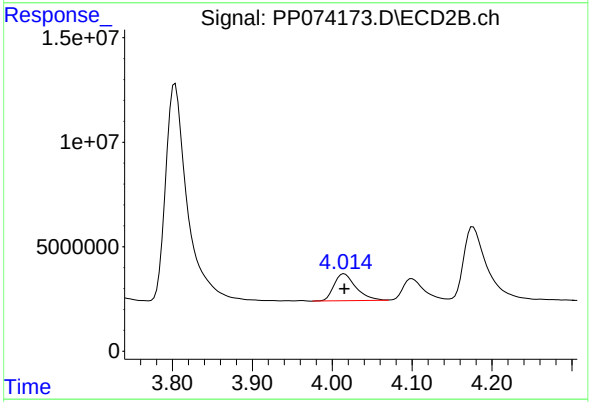
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 298854739
Conc: 50.00 ng/ml



#8 AR-1221-1

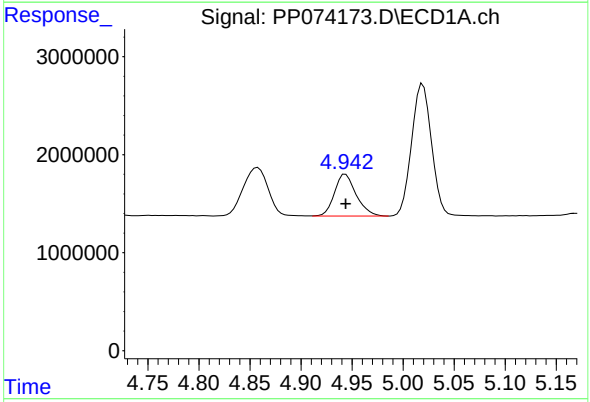
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 8381808
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



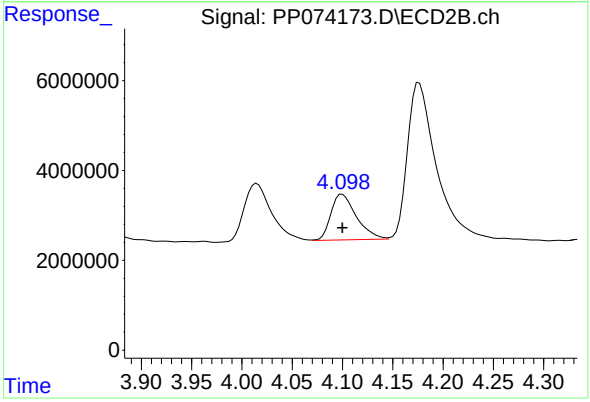
#8 AR-1221-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 24542587
Conc: 500.00 ng/ml



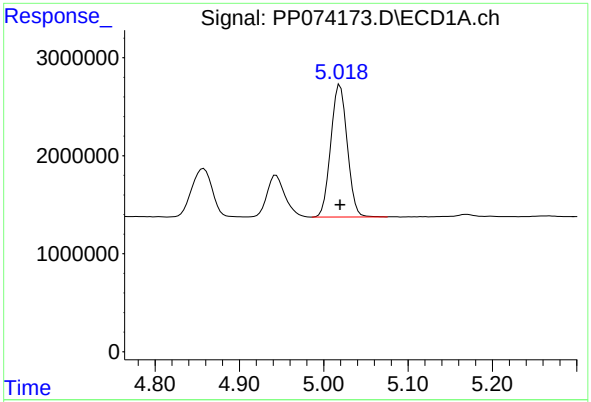
#9 AR-1221-2

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 6300527
Conc: 500.00 ng/ml



#9 AR-1221-2

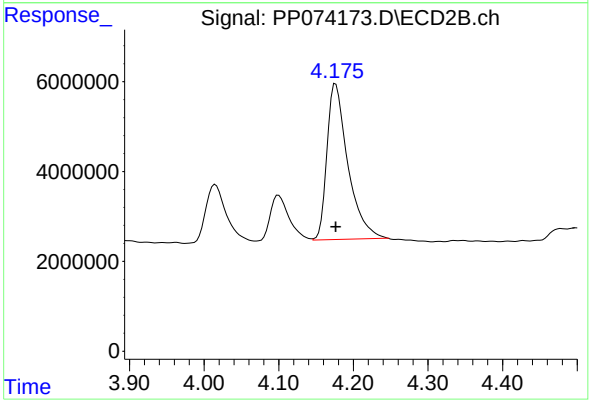
R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 17944660
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 18317605
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 67612277
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 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...	4.660	3.804	54684846	201.8E6	50.000	50.000
2)	SA Decachlor...	10.437	8.826	47117835	301.0E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.020	4.177	14518661	50681220	500.000	500.000
12)	L3 AR-1232-2	5.546	4.904	7521357	87133099	500.000	500.000
13)	L3 AR-1232-3	5.832	5.081	14500854	22908311	500.000	500.000
14)	L3 AR-1232-4	5.993	5.164	7734413	29005356	500.000	502.399m
15)	L3 AR-1232-5	6.082	5.338	5858006	23489726	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

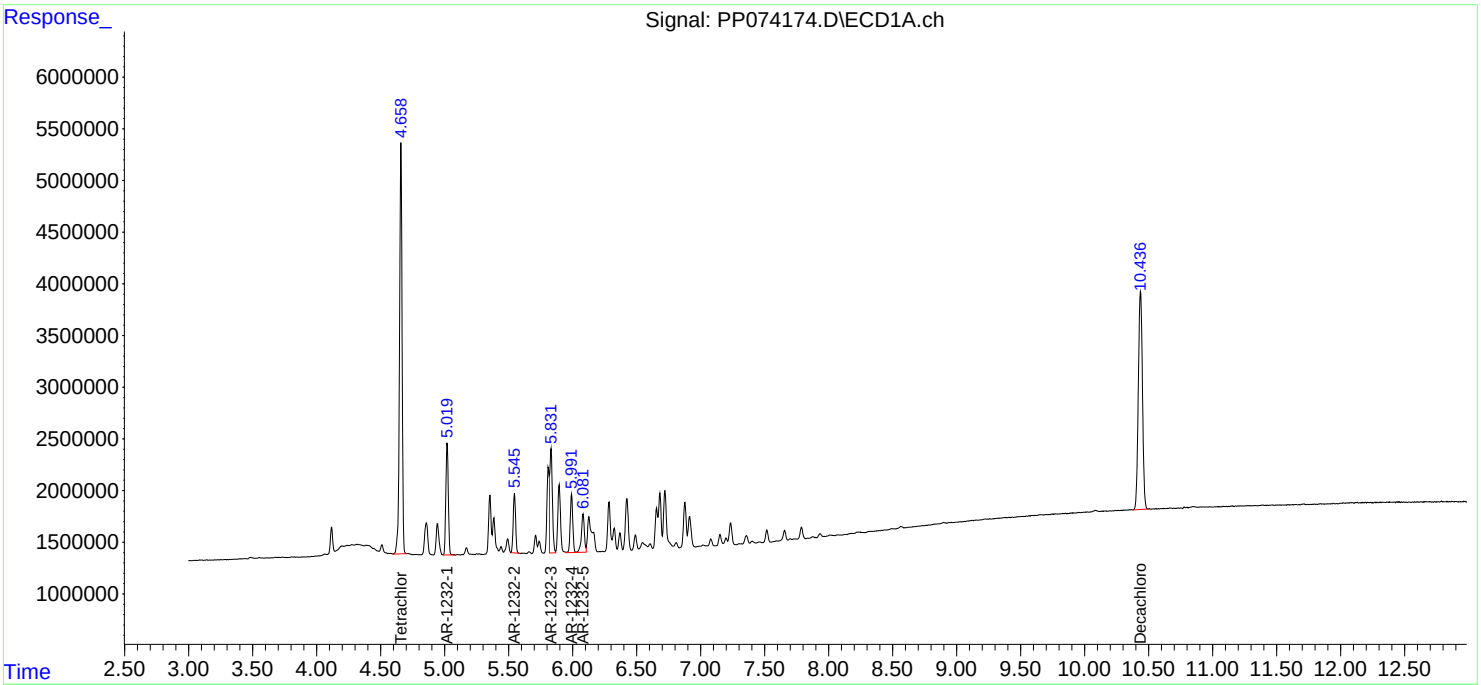
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

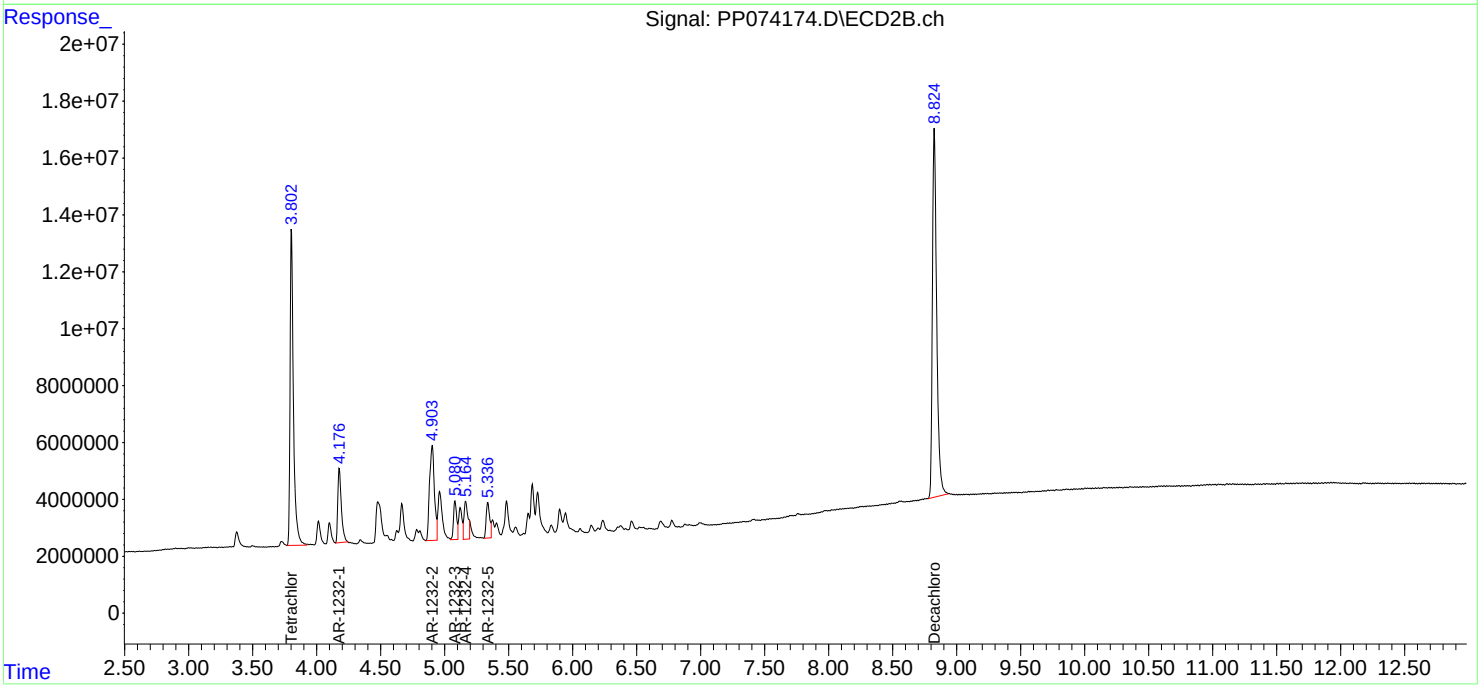
Manual Integrations APPROVED

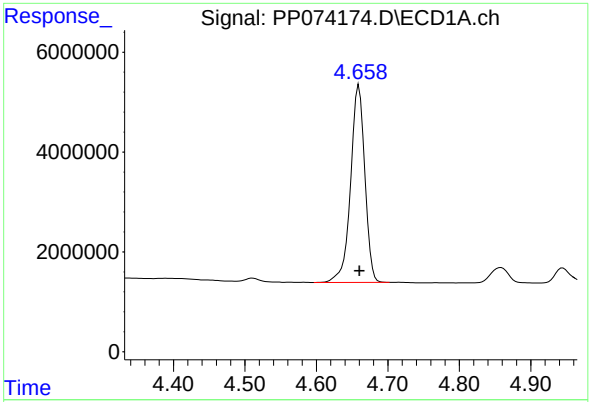
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 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







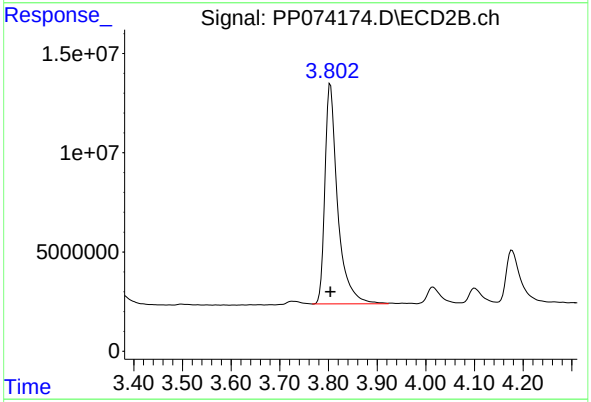
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

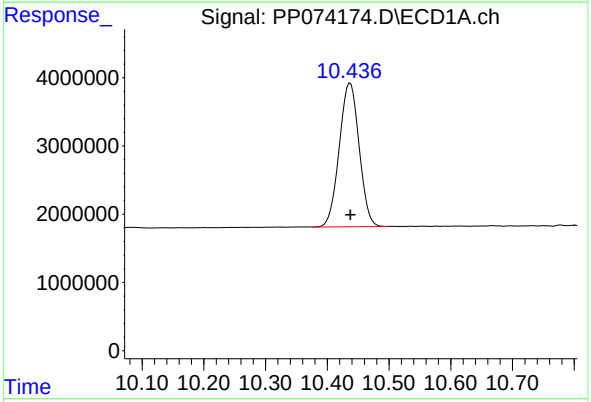
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



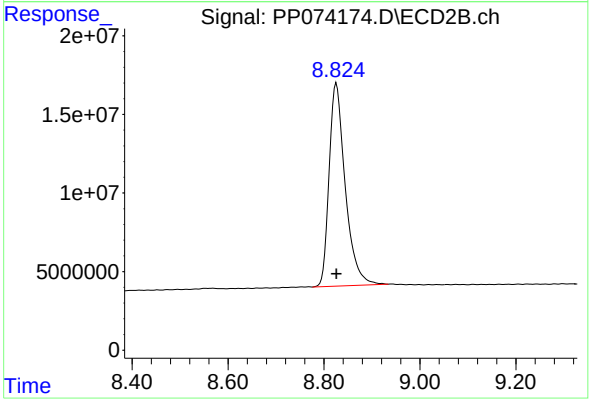
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



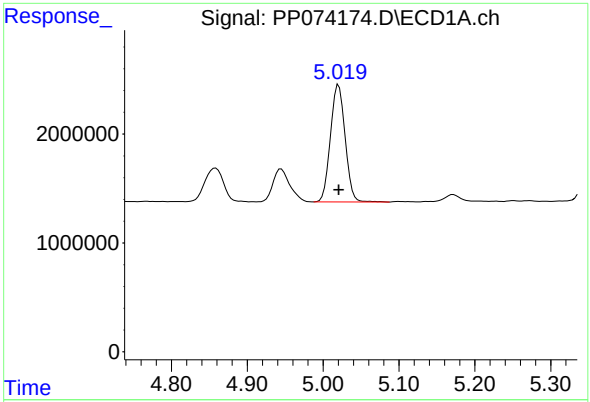
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



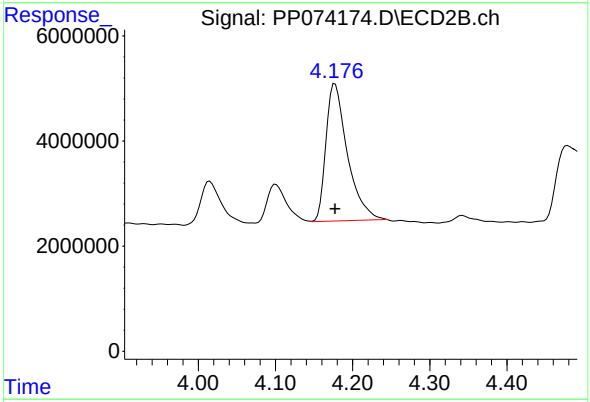
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

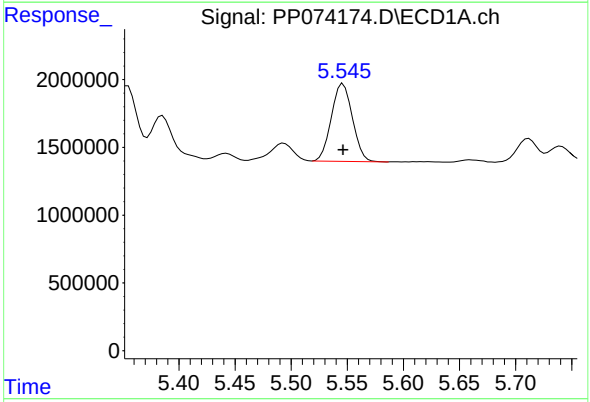
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



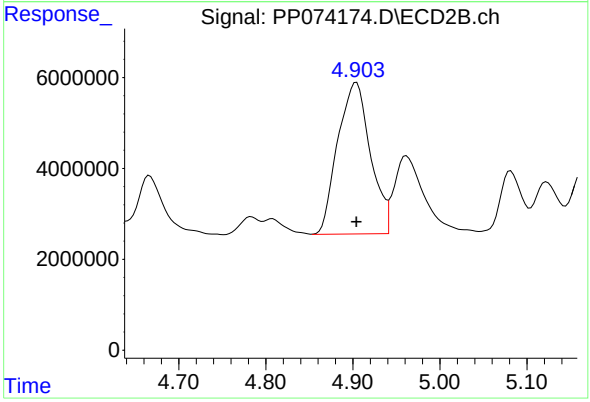
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



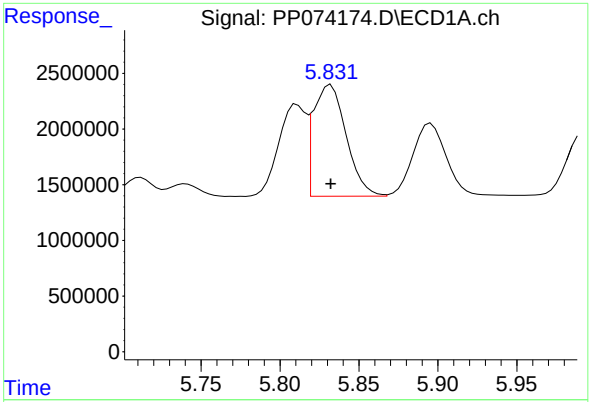
#12 AR-1232-2

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml



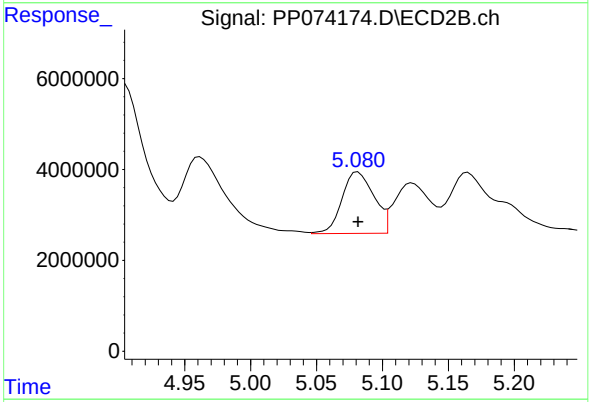
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

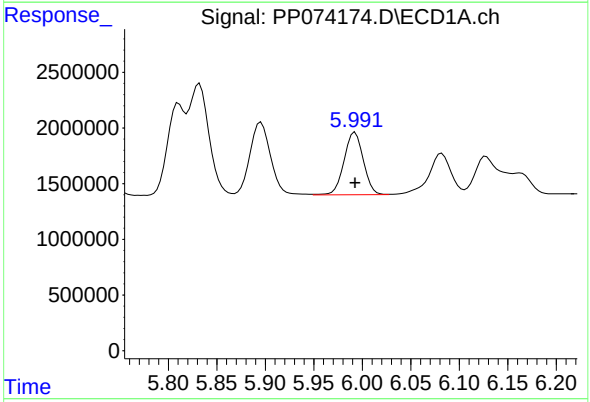
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



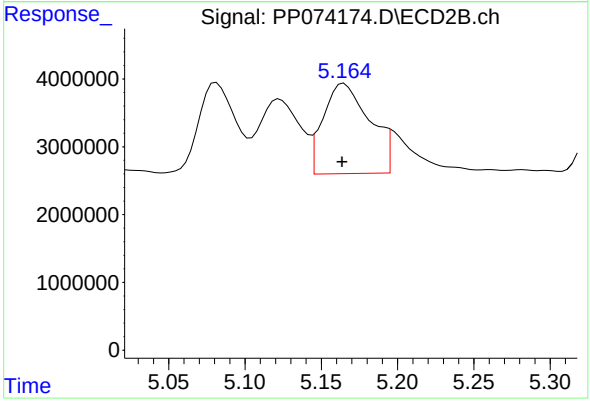
#13 AR-1232-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml



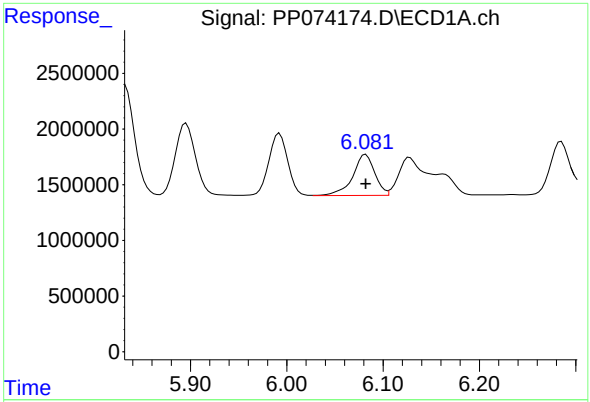
#14 AR-1232-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml



#14 AR-1232-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 29005356
Conc: 502.40 ng/ml m



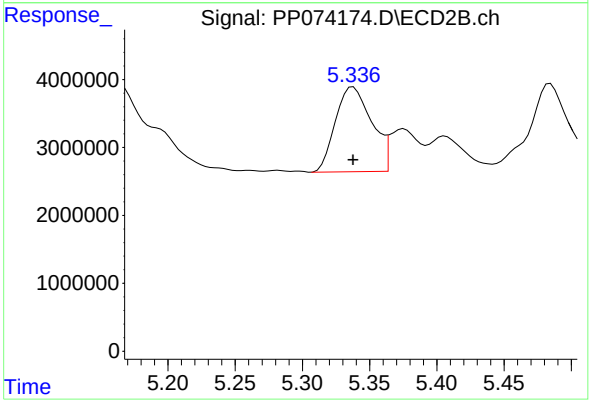
#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 5858006
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 23489726
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.659	3.804	104.3E6	438.1E6	95.872	101.577
2)	SA Decachlor...	10.436	8.825	88078600	618.2E6	94.444	98.714
	Target Compounds						
16)	L4 AR-1242-1	5.811	4.905	31512428	341.3E6	934.658	978.632
17)	L4 AR-1242-2	5.832	4.962	47421171	162.7E6	943.850	992.758
18)	L4 AR-1242-3	5.896	5.082	30290298	93075141	931.794	1005.327
19)	L4 AR-1242-4	5.992	5.164	25177060	117.3E6	934.754	940.884m
20)	L4 AR-1242-5	6.721	5.686	29128304	140.7E6	916.924	973.631

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

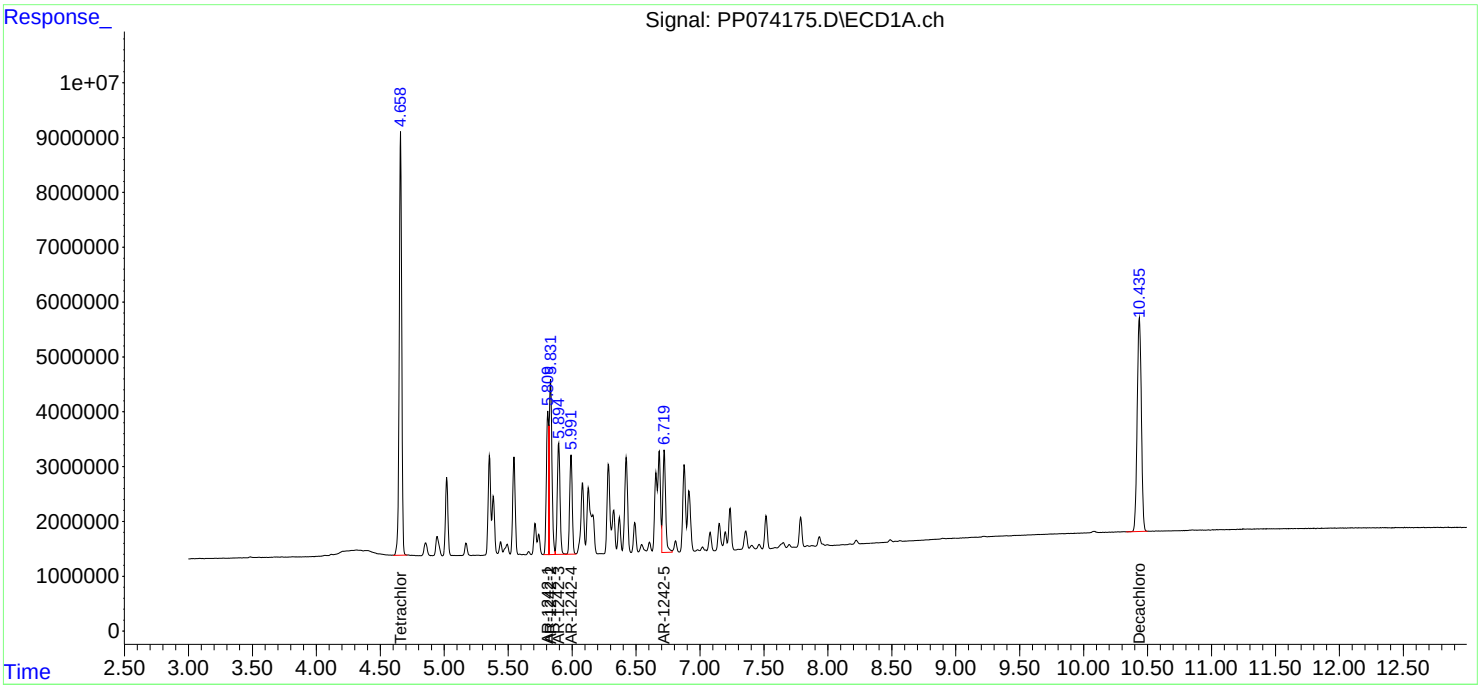
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

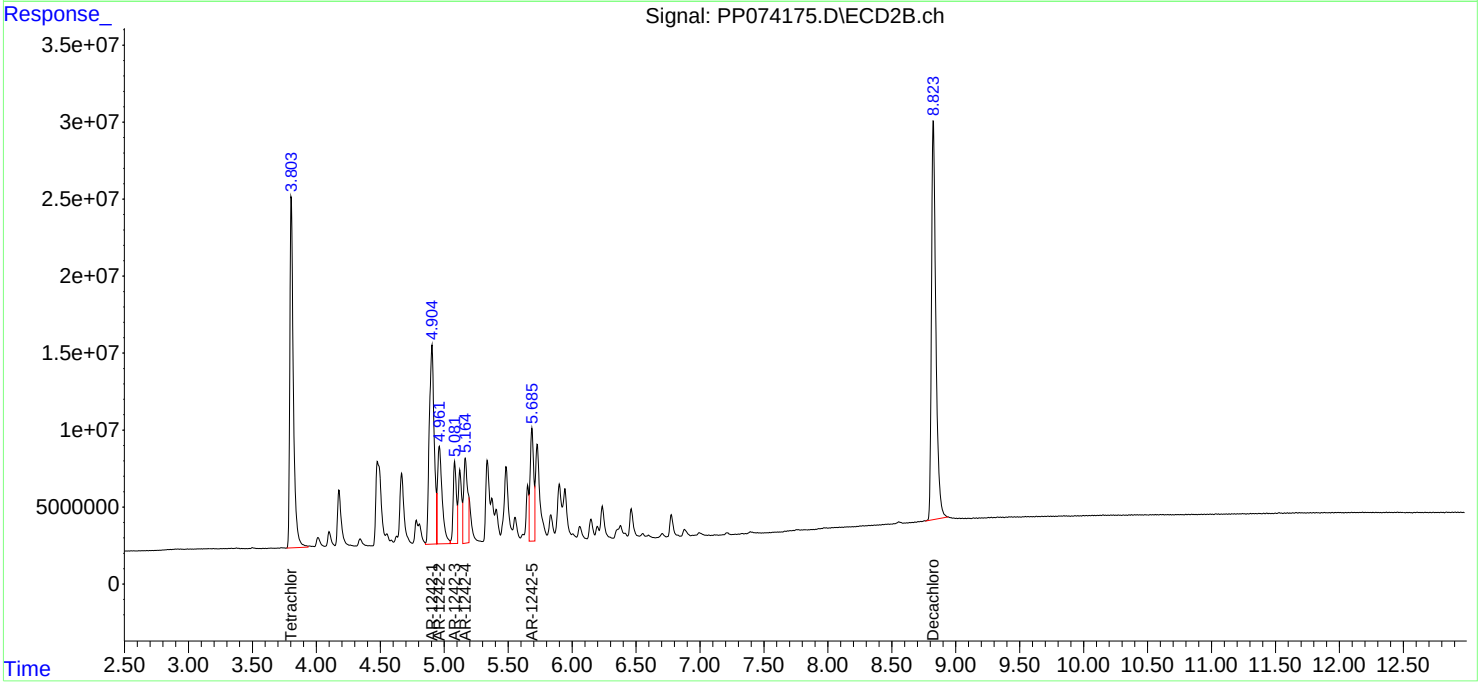
Manual Integrations APPROVED

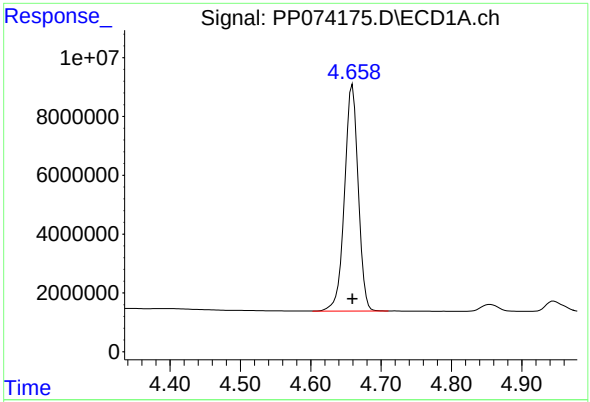
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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







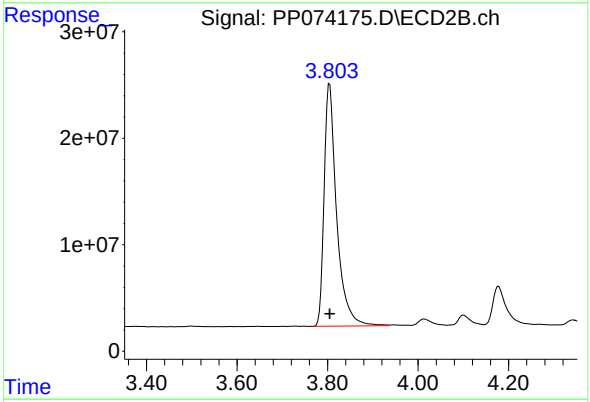
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

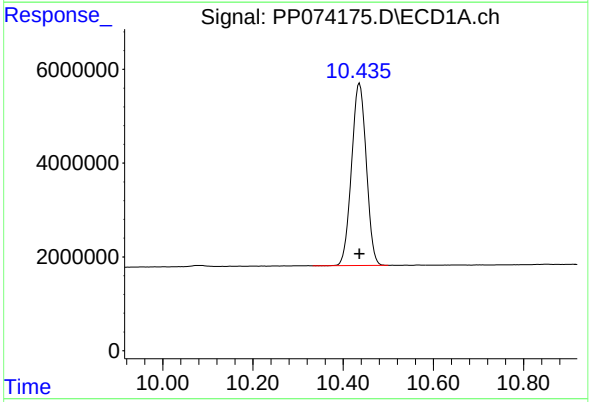
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



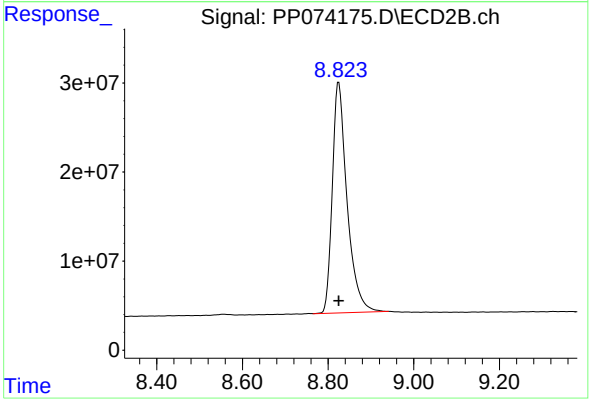
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml



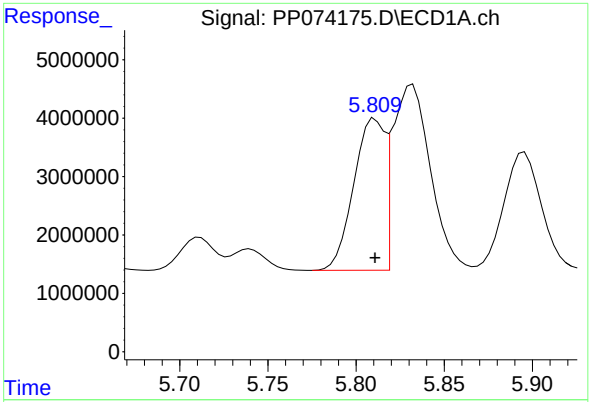
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml



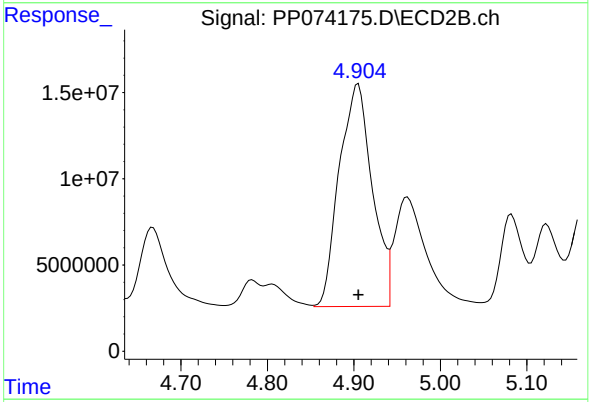
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

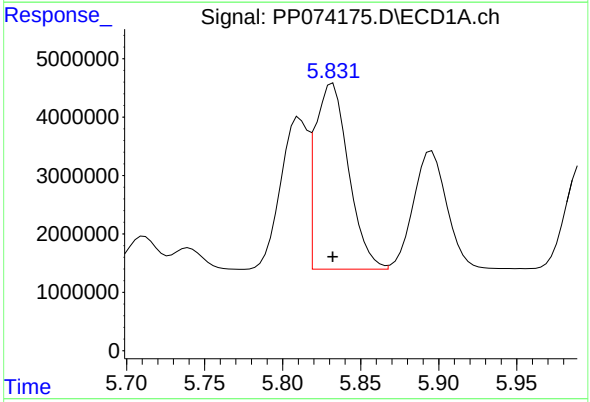
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



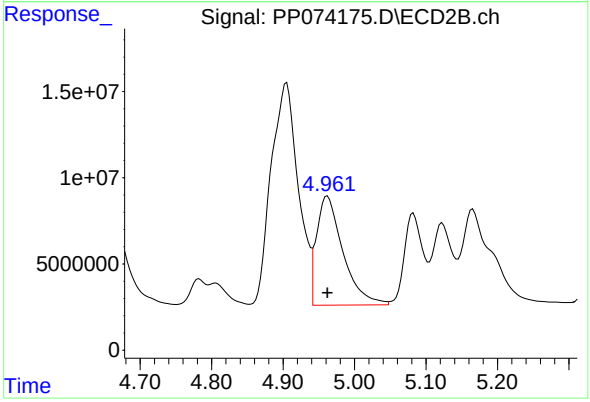
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml



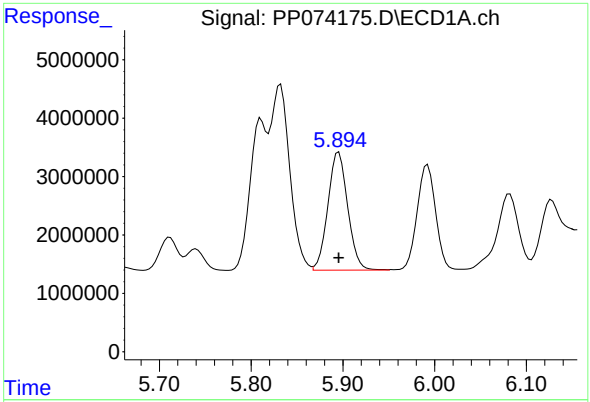
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml



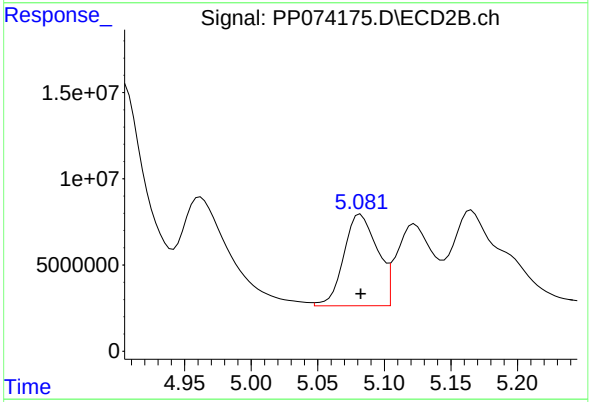
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

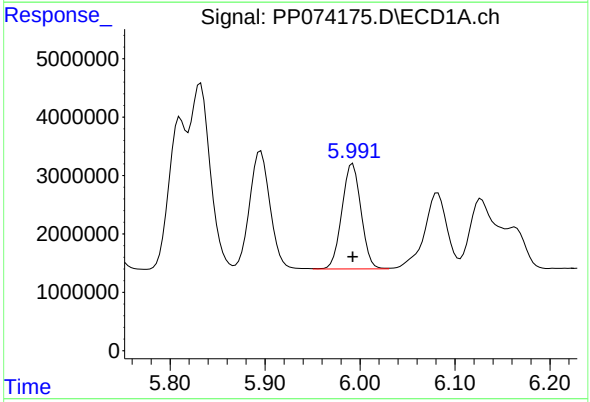
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



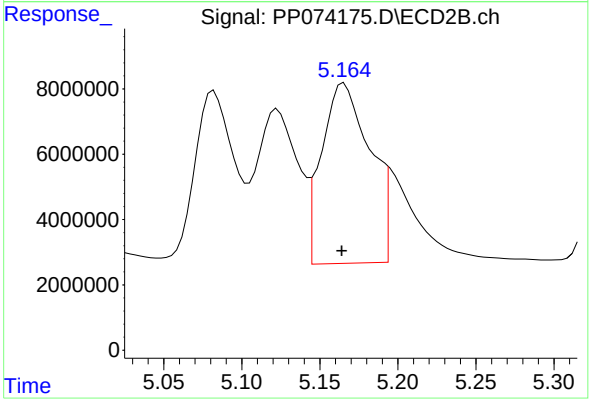
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml



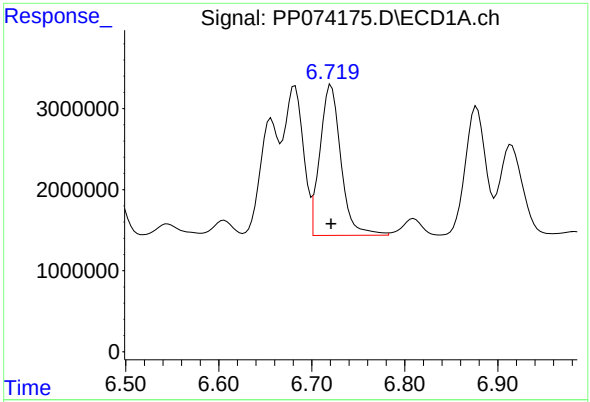
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 117292839
Conc: 940.88 ng/ml m



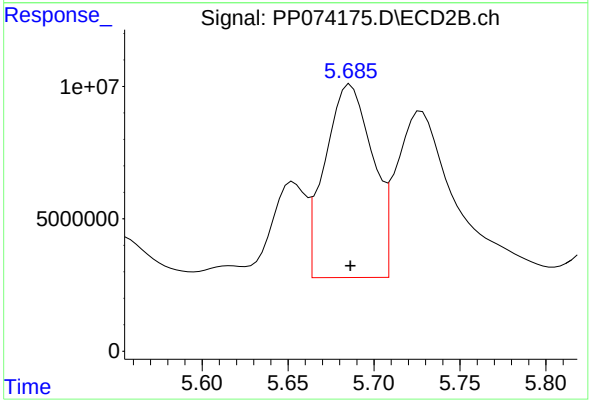
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 29128304
Conc: 916.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 140731652
Conc: 973.63 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.662	3.803	80676637	324.0E6	74.425	75.083
2)	SA Decachlor...	10.438	8.824	68962955	464.9E6	74.295	74.485
	Target Compounds						
16)	L4 AR-1242-1	5.813	4.904	25064705	261.4E6	745.599	749.732
17)	L4 AR-1242-2	5.835	4.960	37017188	128.7E6	741.131	773.381
18)	L4 AR-1242-3	5.898	5.081	24057234	72718391	743.338	773.266
19)	L4 AR-1242-4	5.995	5.163	19974989	87588686	744.389	713.205m
20)	L4 AR-1242-5	6.724	5.685	24065795	114.3E6	755.025	776.822

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

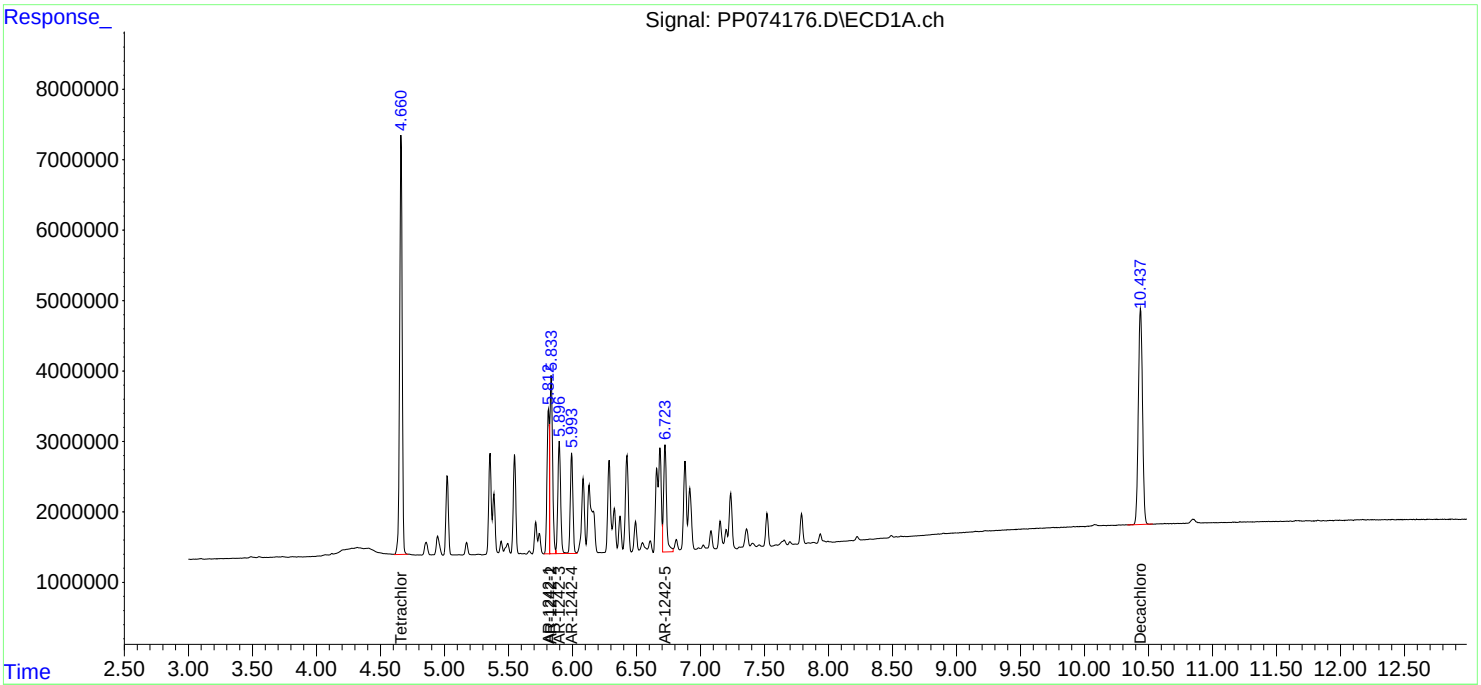
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

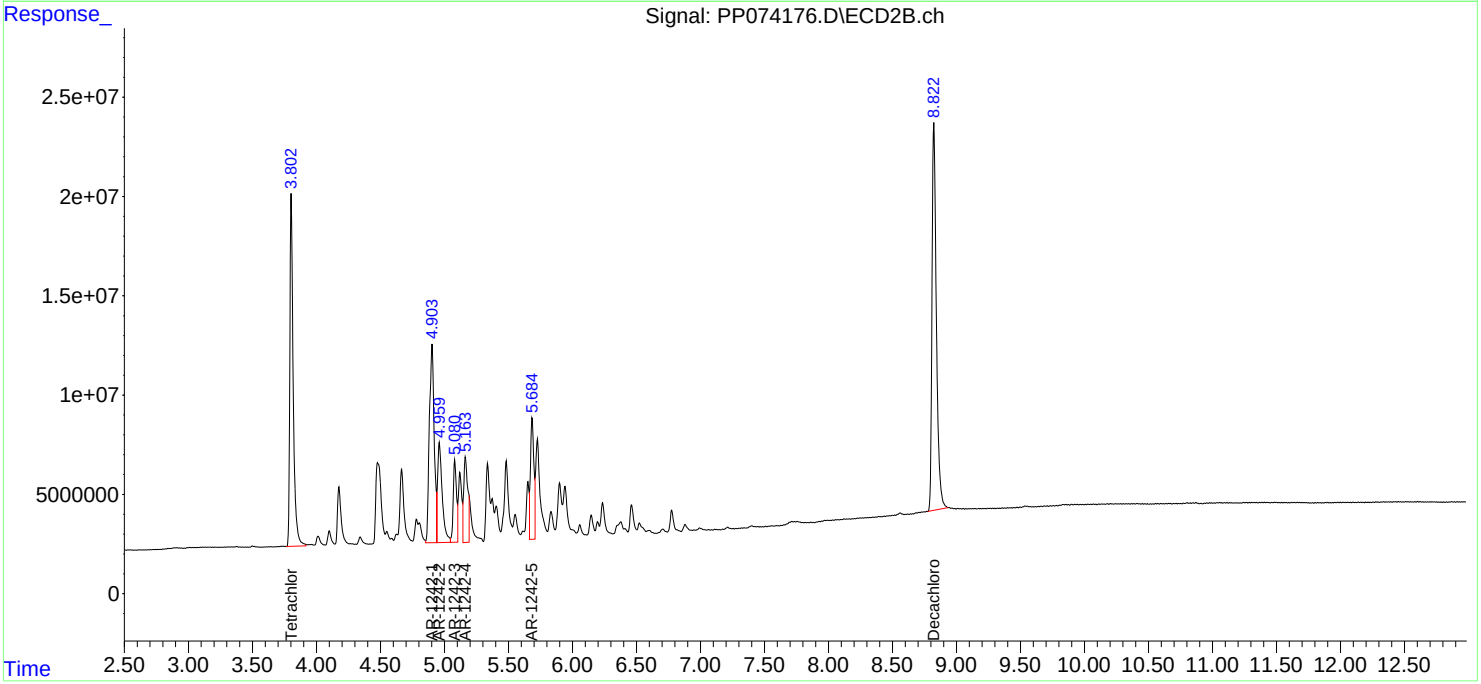
Manual Integrations APPROVED

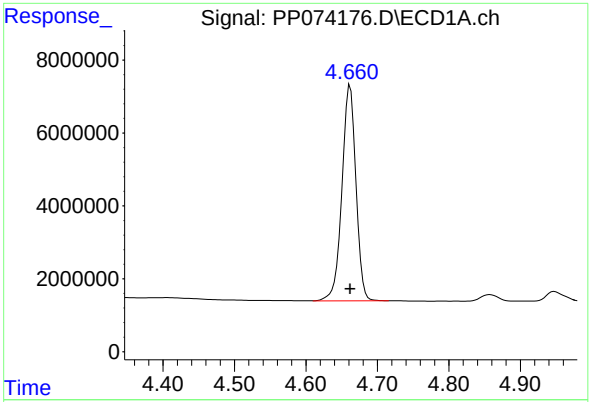
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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







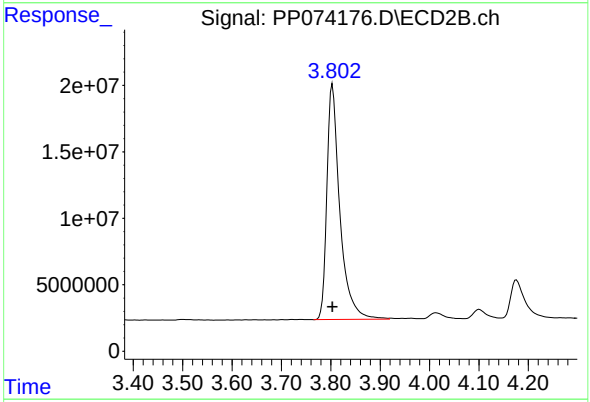
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

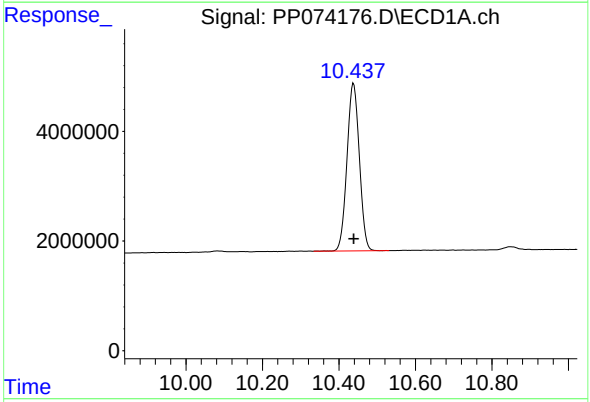
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



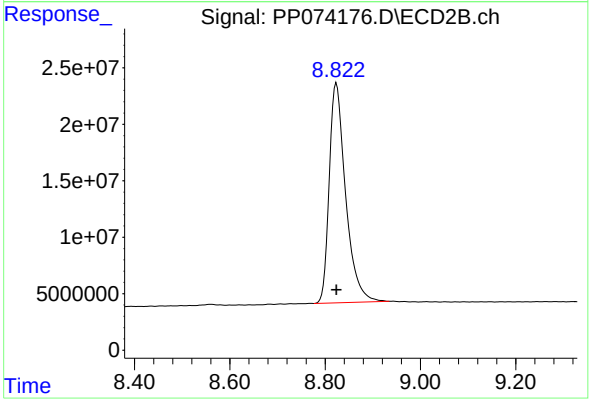
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml



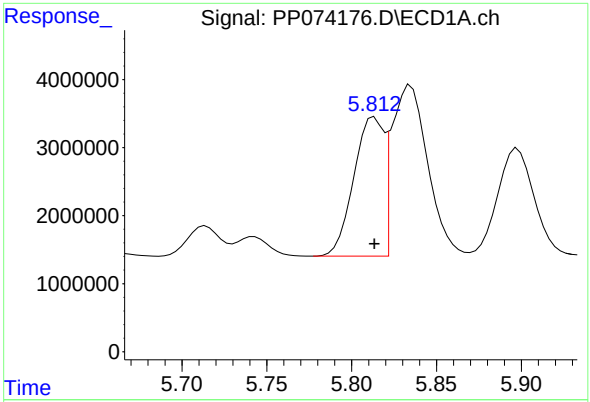
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



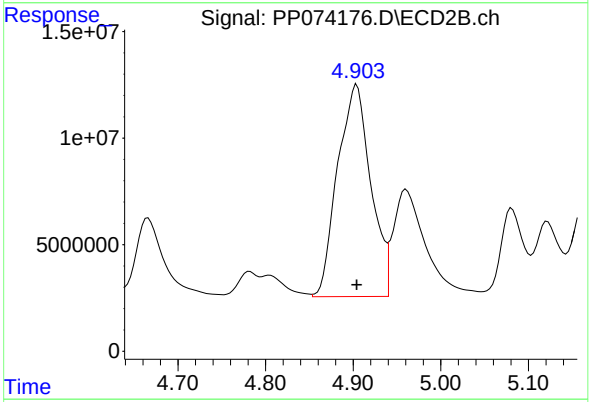
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

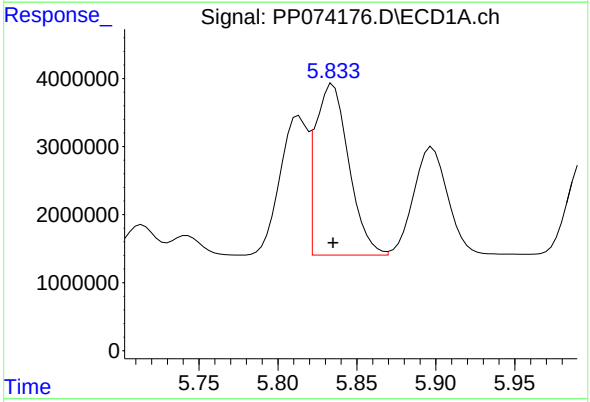
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



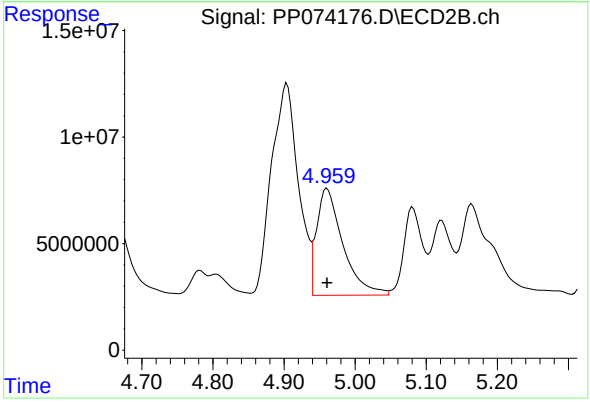
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



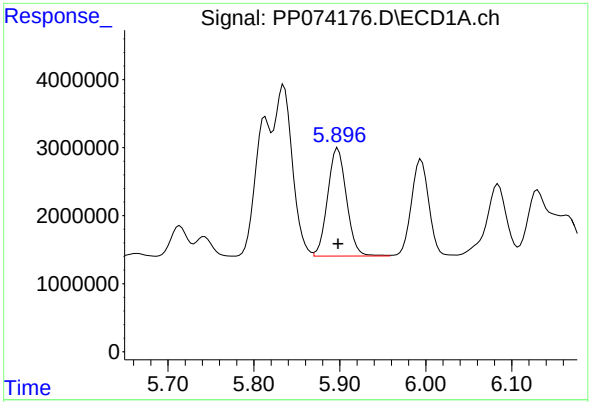
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



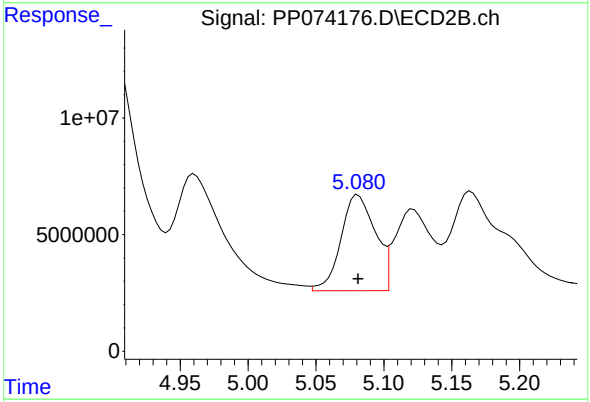
#18 AR-1242-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

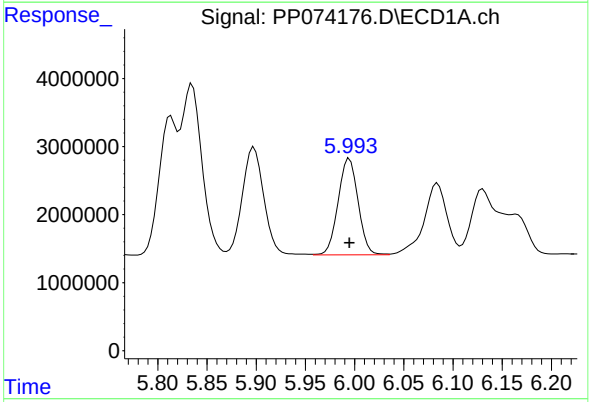
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



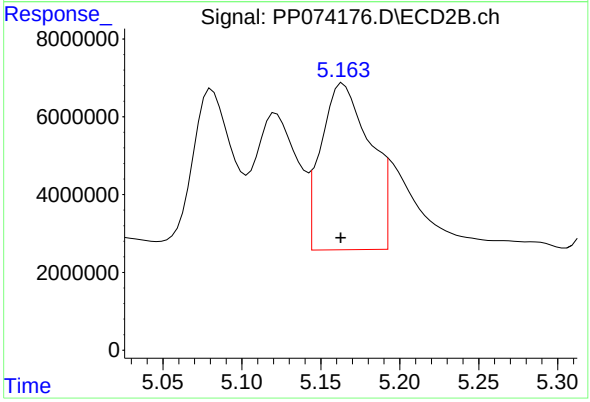
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



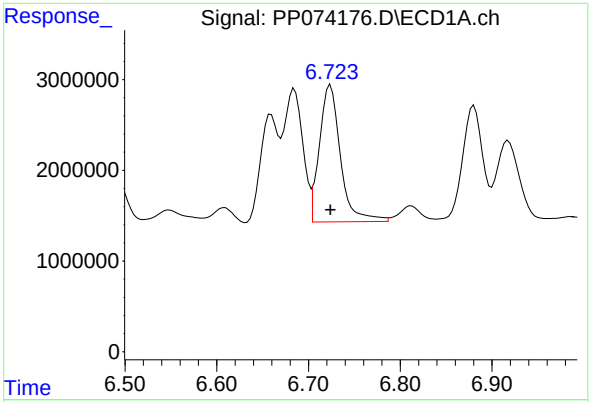
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 87588686
Conc: 713.20 ng/ml m



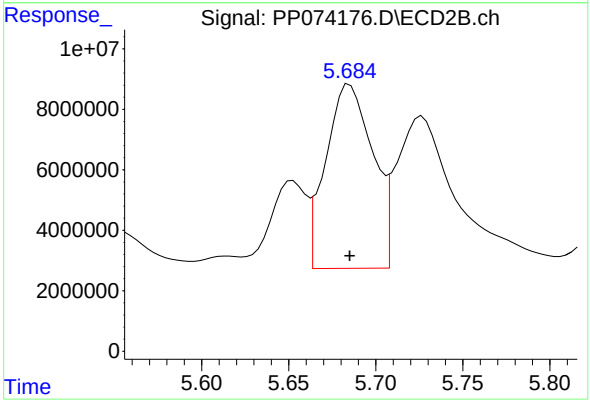
#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 24065795
Conc: 755.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 114328693
Conc: 776.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.657	3.805	56653742	212.2E6	50.000	50.000
2)	SA Decachlor...	10.434	8.826	49220928	317.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.808	4.905	17959256	178.1E6	500.000	500.000
17)	L4 AR-1242-2	5.830	4.963	26531667	82516708	500.000	500.000
18)	L4 AR-1242-3	5.893	5.084	17362372	46044427	500.000	500.000
19)	L4 AR-1242-4	5.990	5.164	14345906	63188535	500.000	505.329m
20)	L4 AR-1242-5	6.719	5.687	17203244	74177320	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

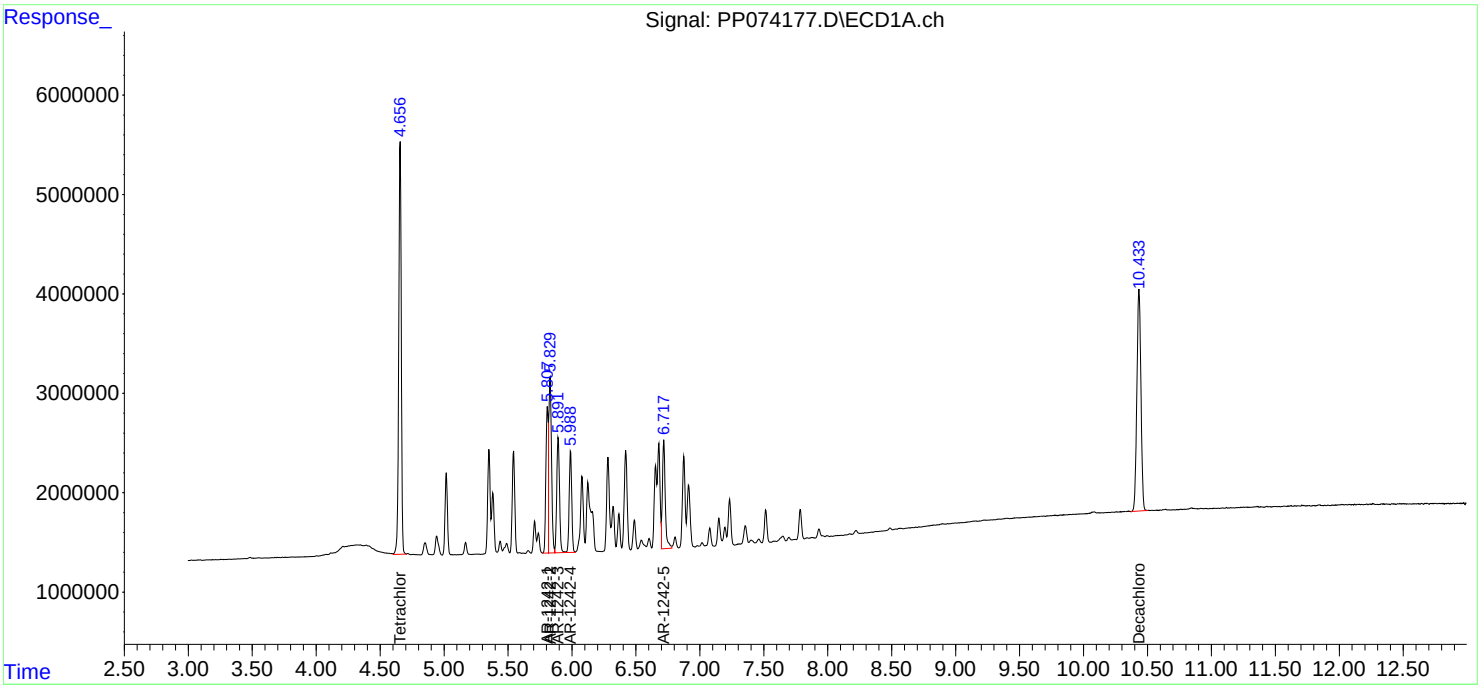
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

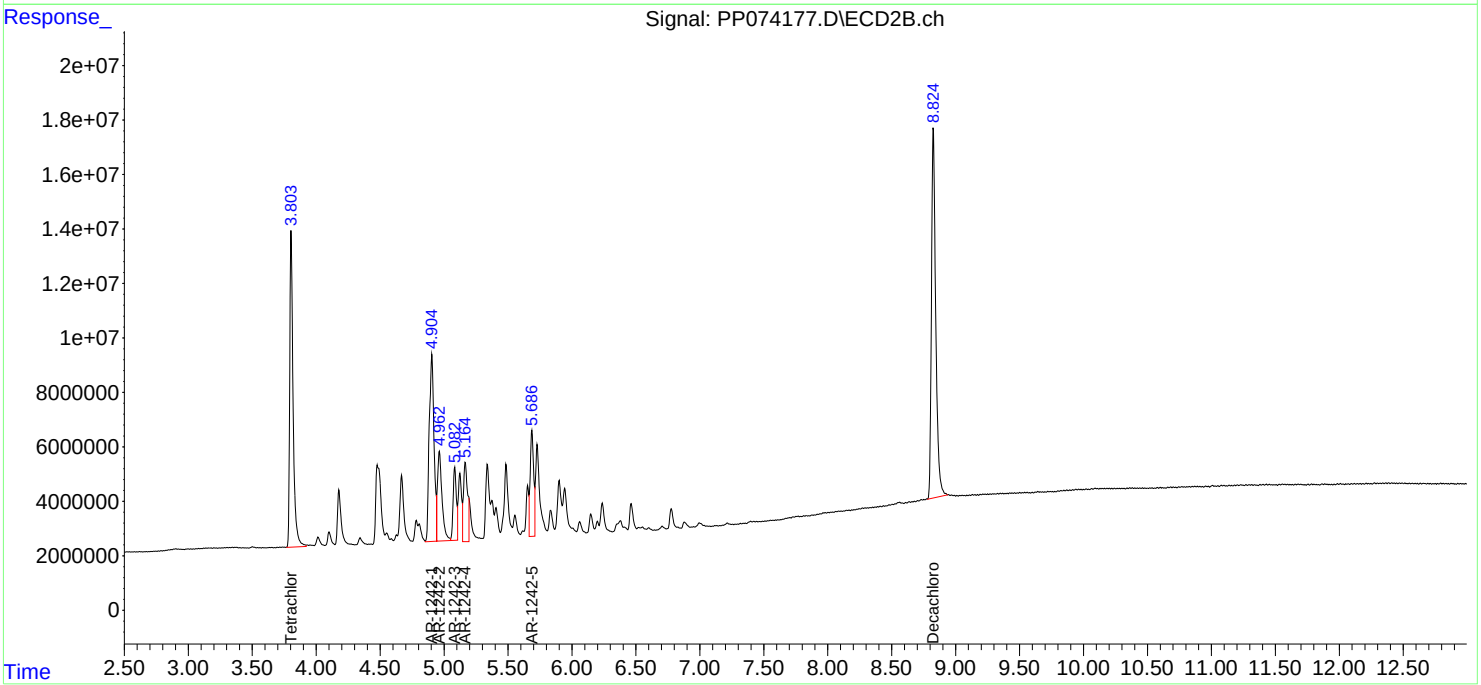
Manual Integrations APPROVED

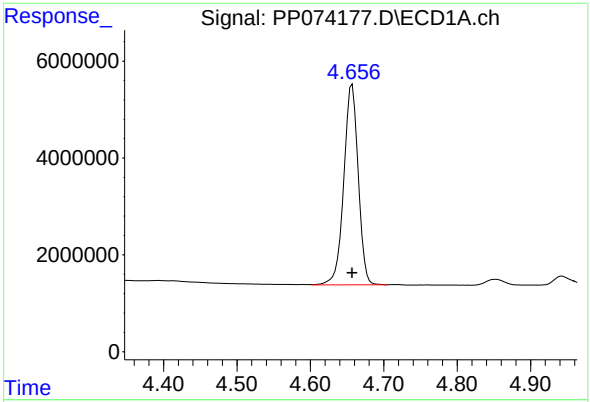
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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







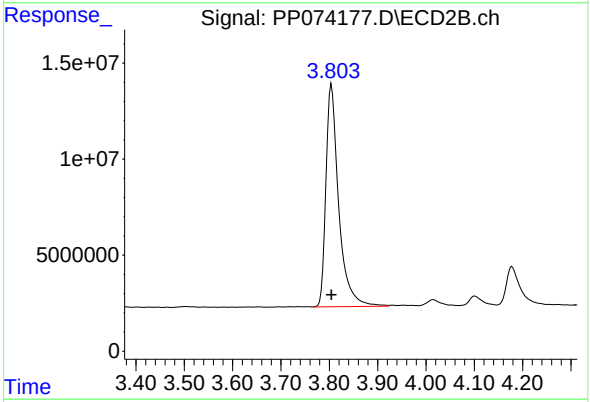
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

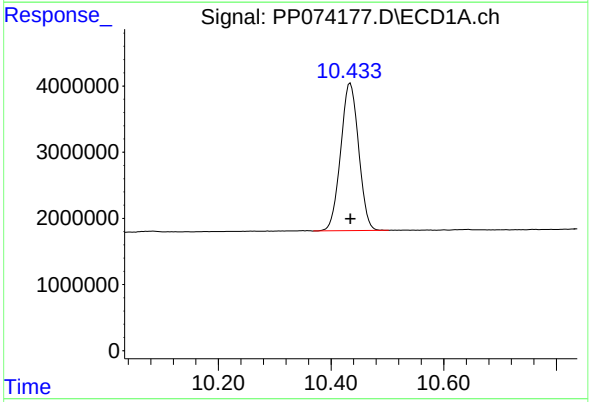
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



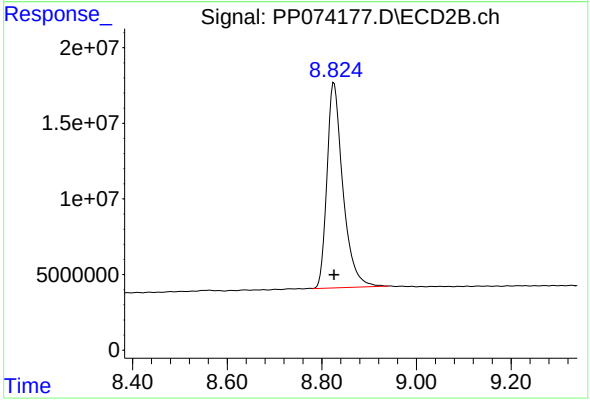
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



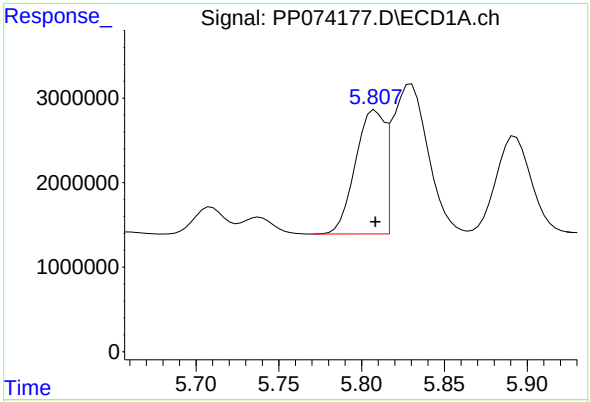
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



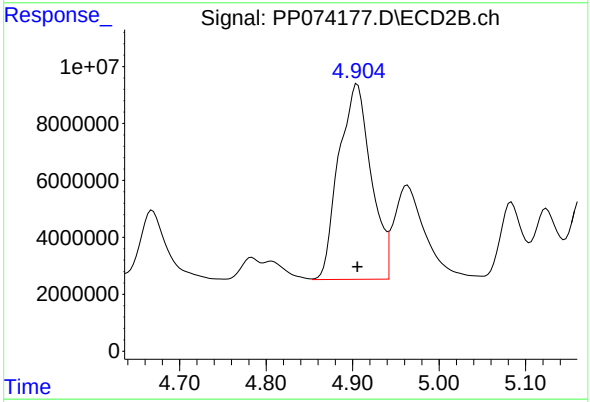
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

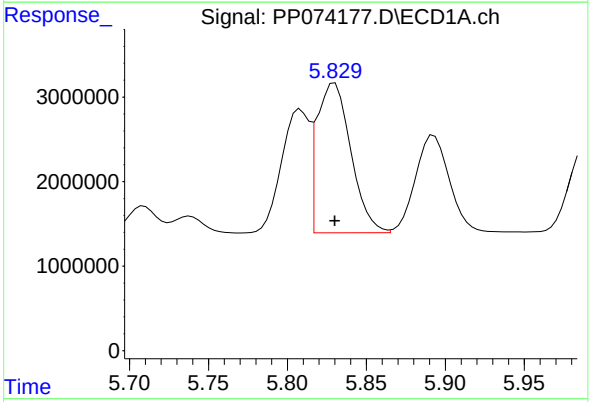
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



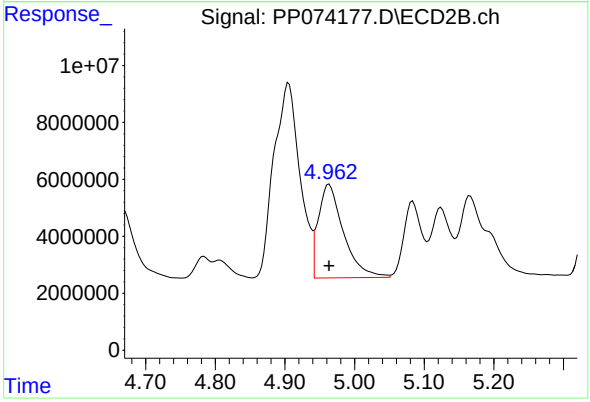
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



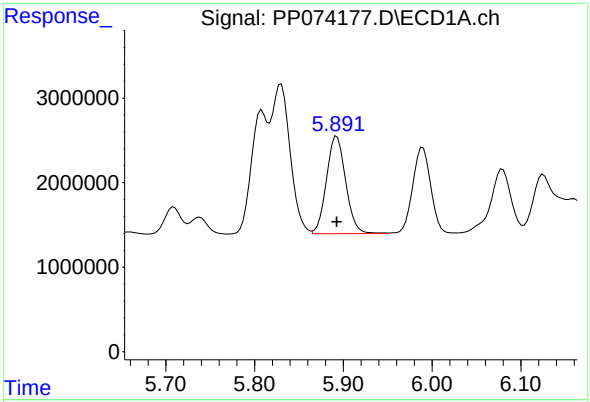
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



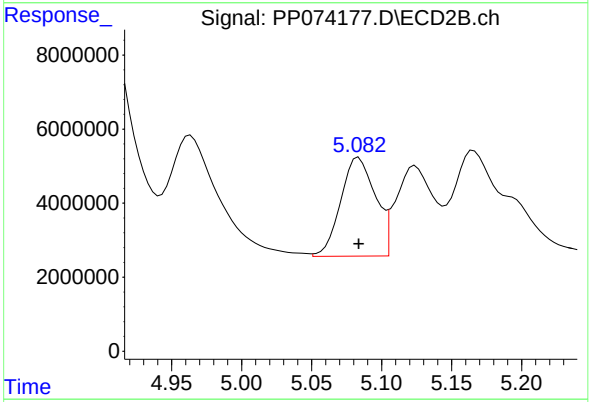
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

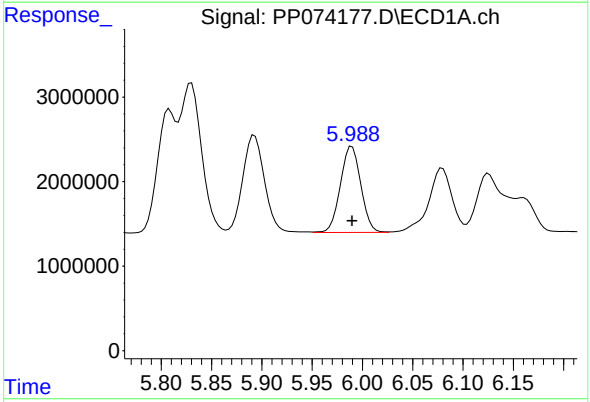
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



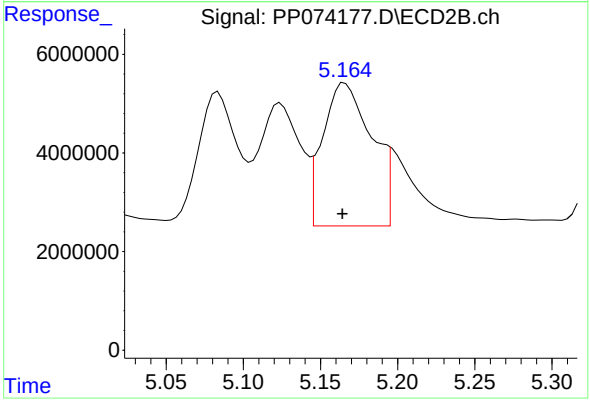
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



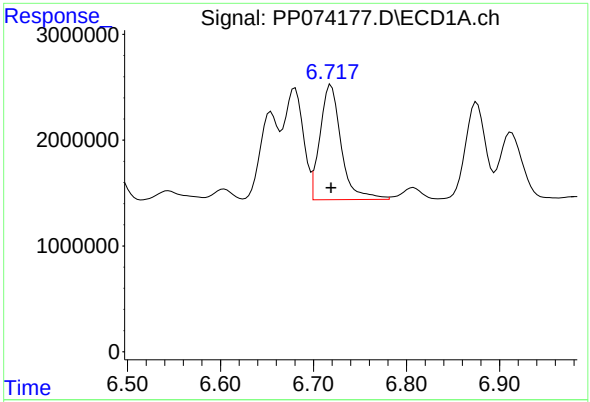
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 63188535
Conc: 505.33 ng/ml m



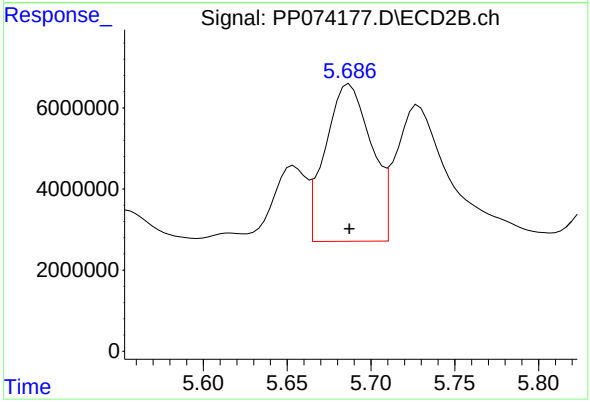
#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 17203244
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 74177320
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.662	3.805	30064825	99448361	26.997	23.506
2)	SA Decachlor...	10.436	8.824	26416078	156.4E6	27.507	25.039
	Target Compounds						
16)	L4 AR-1242-1	5.812	4.906	9924005	89565172	282.440	255.127
17)	L4 AR-1242-2	5.834	4.964	14472673	42174411	278.680	252.533
18)	L4 AR-1242-3	5.897	5.084	9547202	24305838	282.294	256.293
19)	L4 AR-1242-4	5.994	5.165	7737538	30145402	277.699	249.527m
20)	L4 AR-1242-5	6.721	5.687	9674193	38870481	289.648m	260.436

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

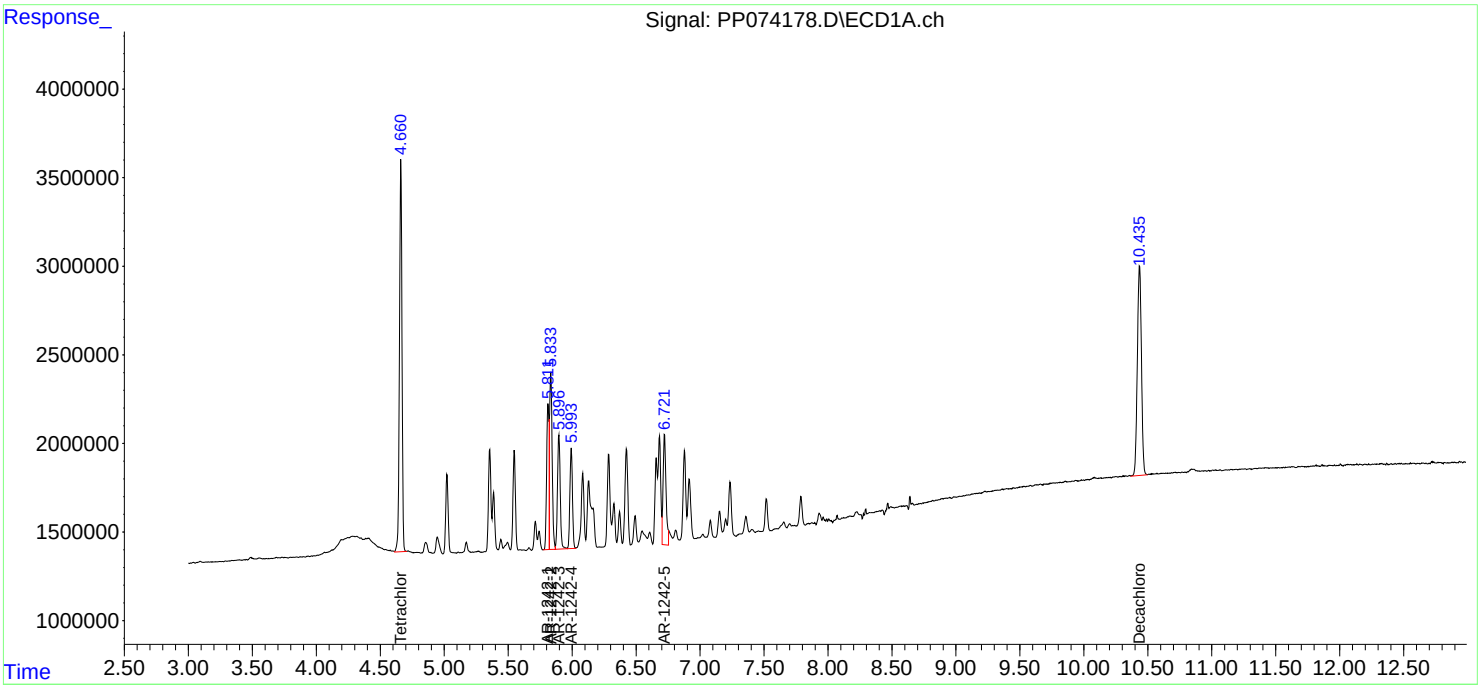
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

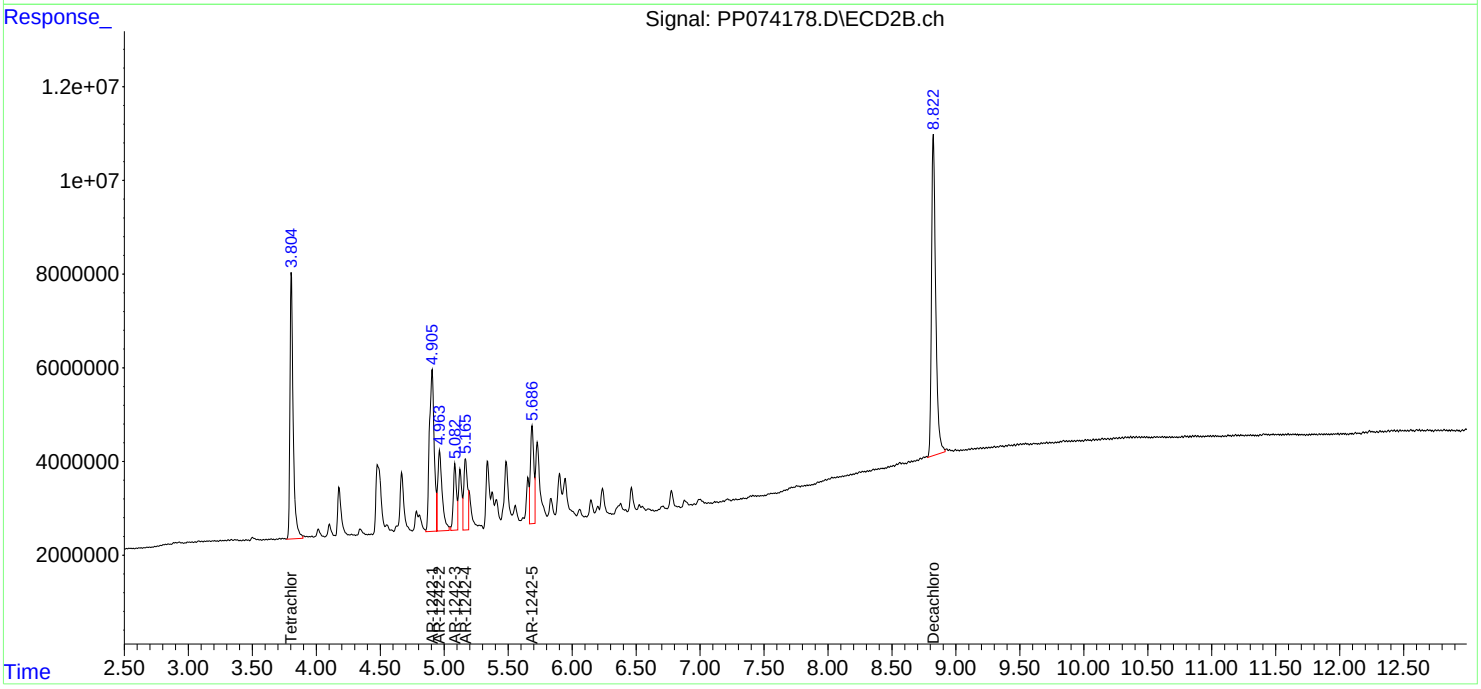
Manual Integrations APPROVED

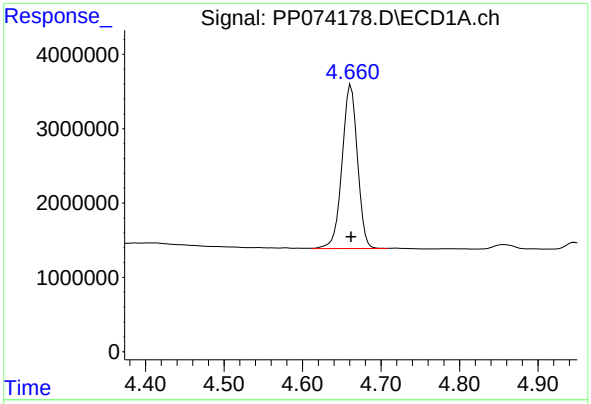
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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







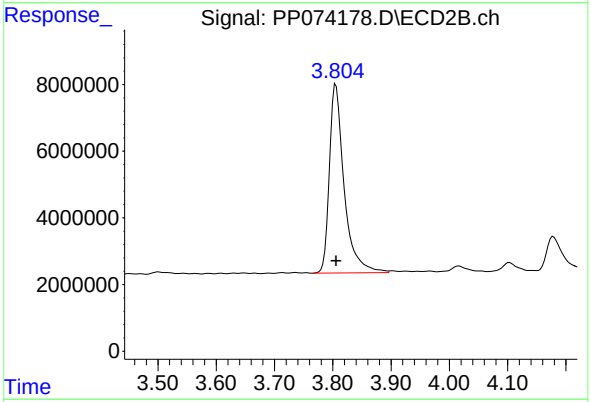
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

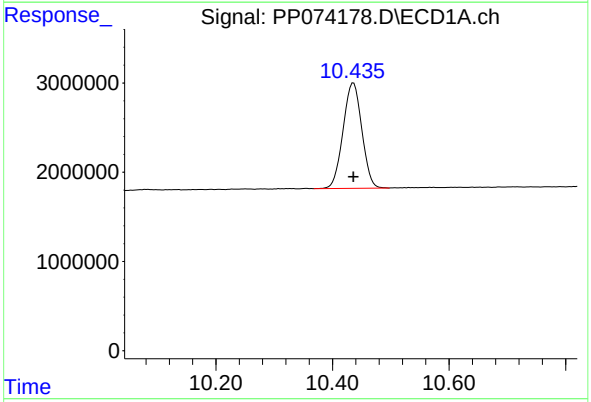
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



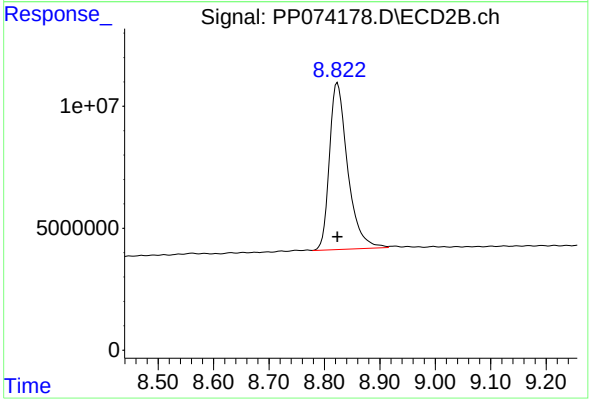
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



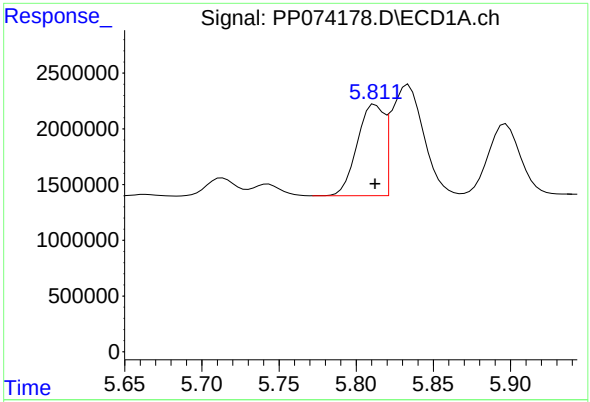
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



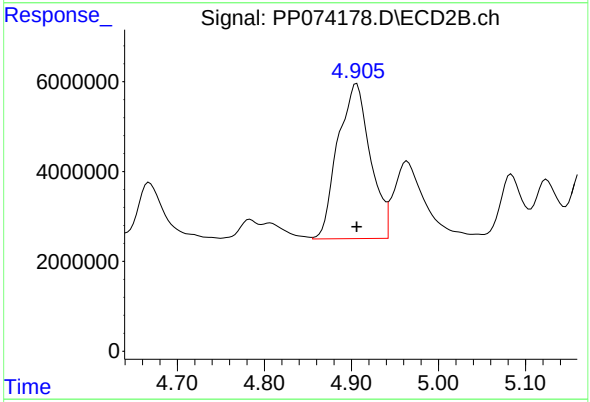
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

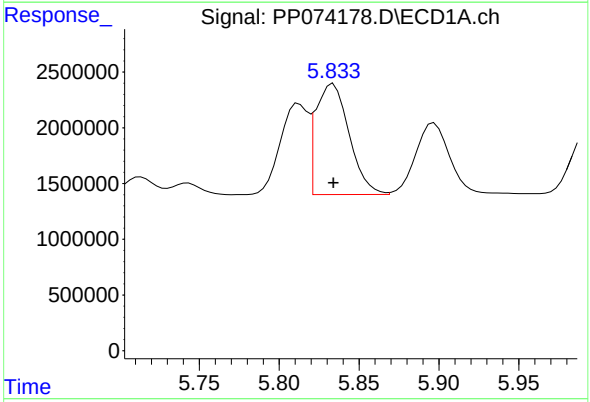
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



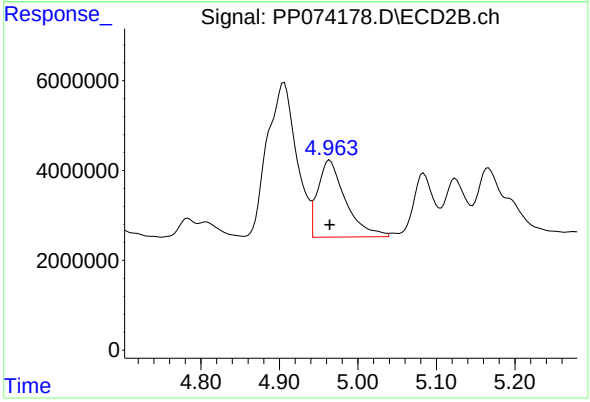
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



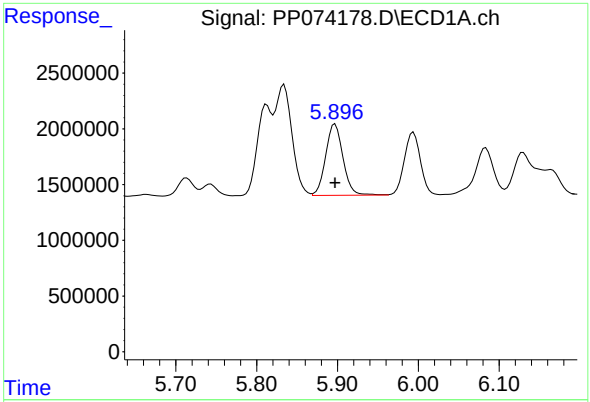
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



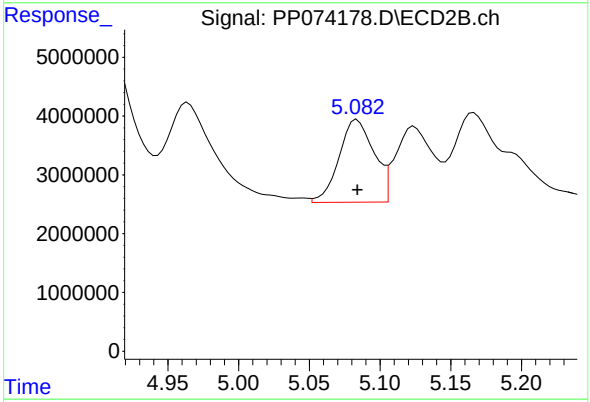
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

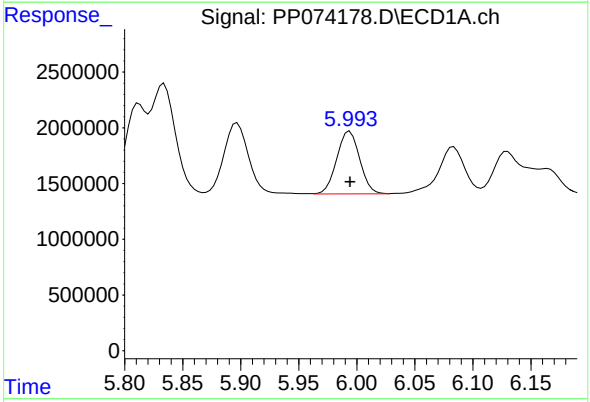
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



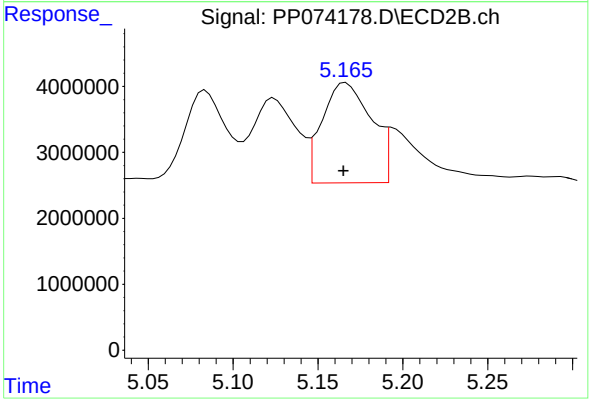
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



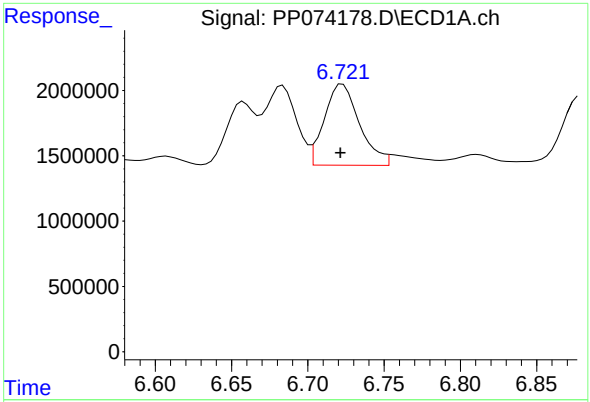
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 30145402
Conc: 249.53 ng/ml m



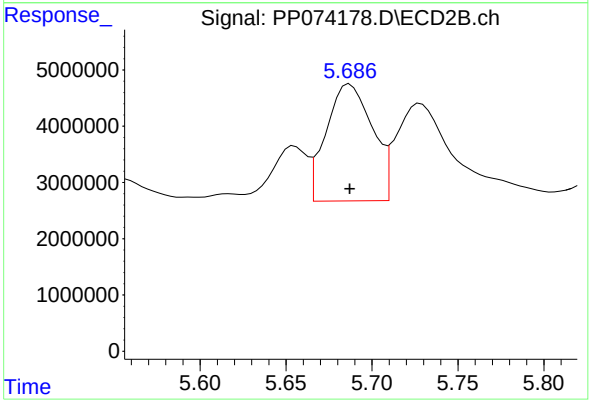
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 9674193
Conc: 289.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38870481
Conc: 260.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 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...	4.657	3.802	6853903	15691561	5.892m	3.915m#
2)	SA Decachlor...	10.432	8.821	6026260	28194628	5.971	4.604
	Target Compounds						
16)	L4 AR-1242-1	5.810	4.903	2289125	16072866	61.427	46.569
17)	L4 AR-1242-2	5.832	4.962	3215660	7443347	59.102	45.559
18)	L4 AR-1242-3	5.895	5.082	2169957	4094869	60.722	44.390 #
19)	L4 AR-1242-4	5.991	5.163	1732044	5803584	59.279	48.597
20)	L4 AR-1242-5	6.720	5.686	2173540	7539678	56.364m	50.412

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

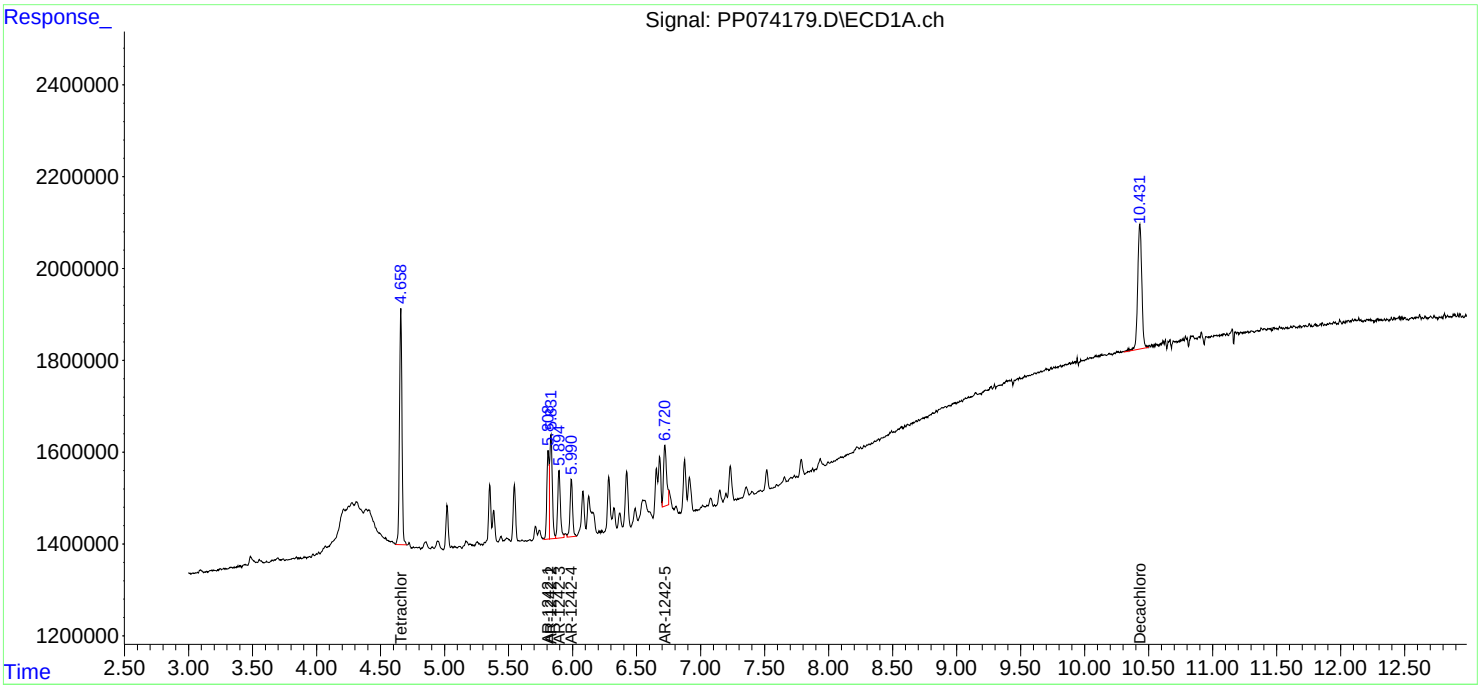
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

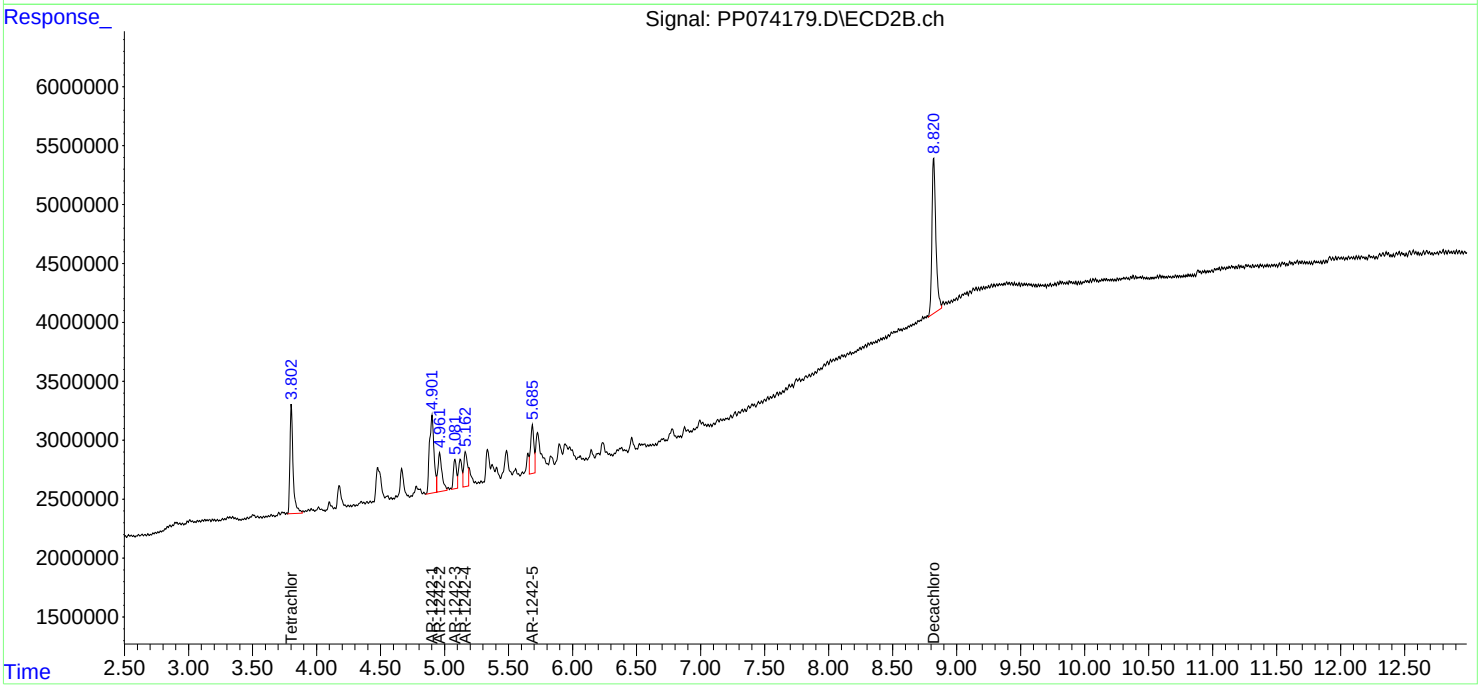
Manual Integrations APPROVED

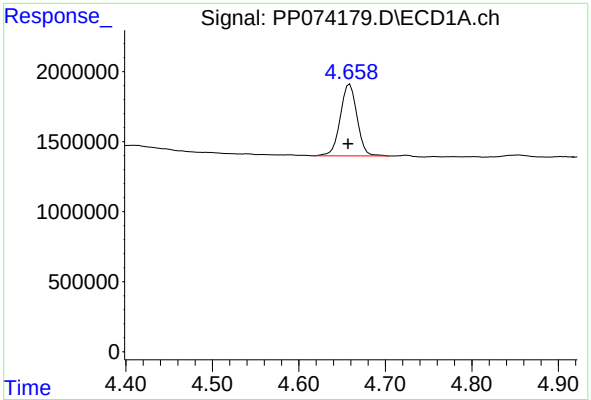
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 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







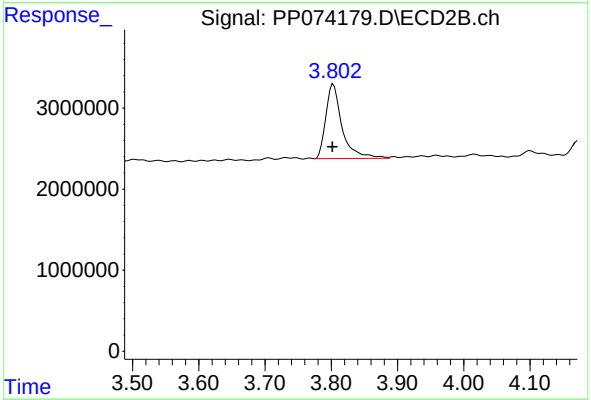
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 6853903
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

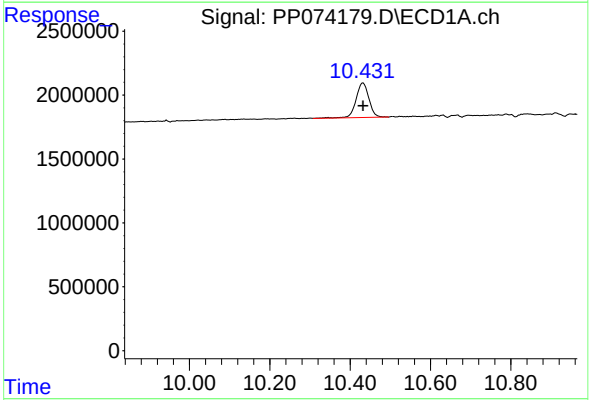
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



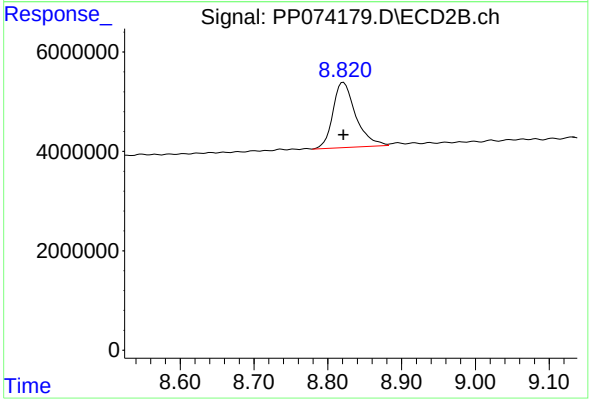
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 15691561
Conc: 3.91 ng/ml m



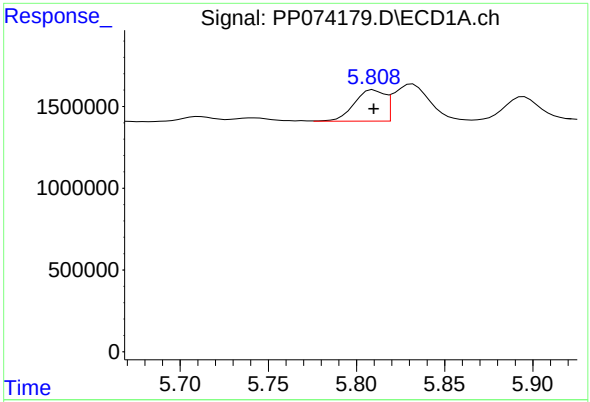
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



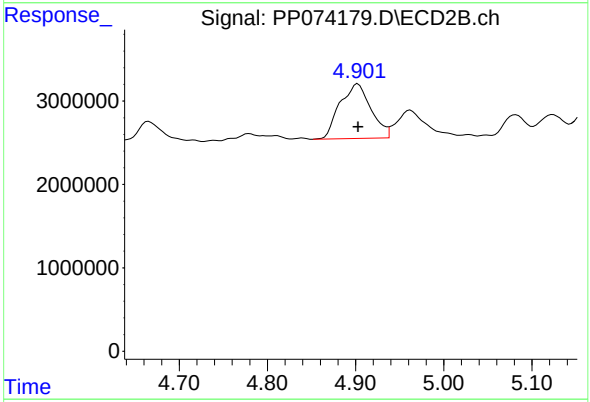
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

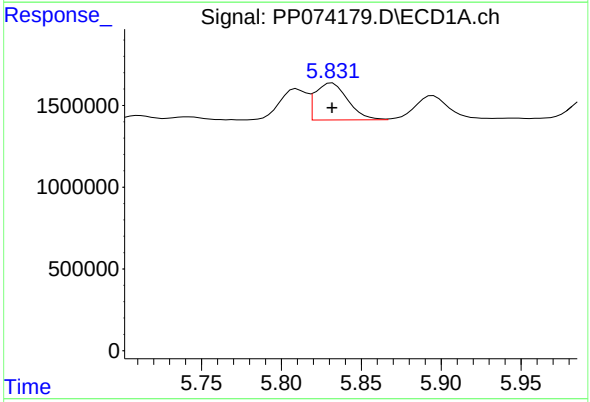
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



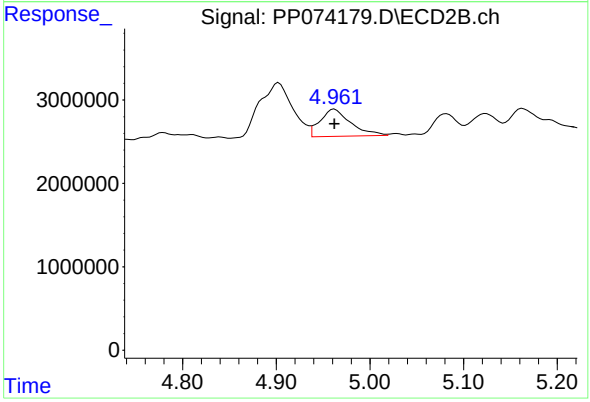
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



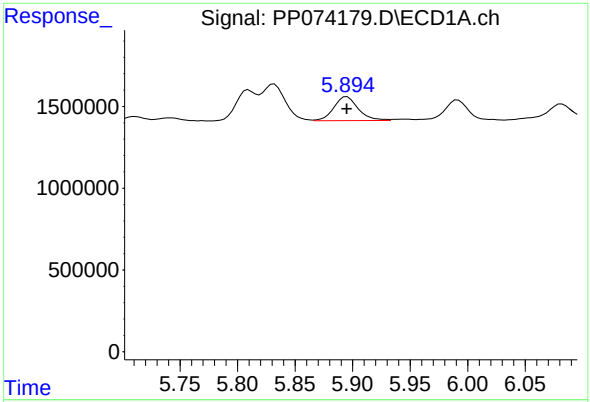
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



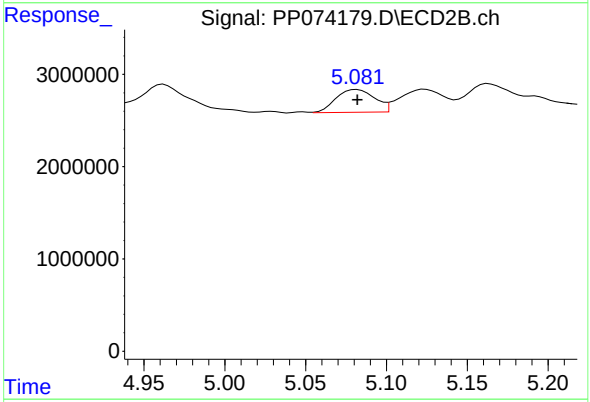
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

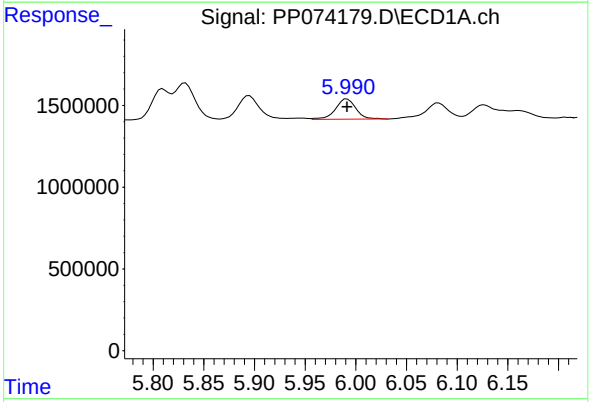
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



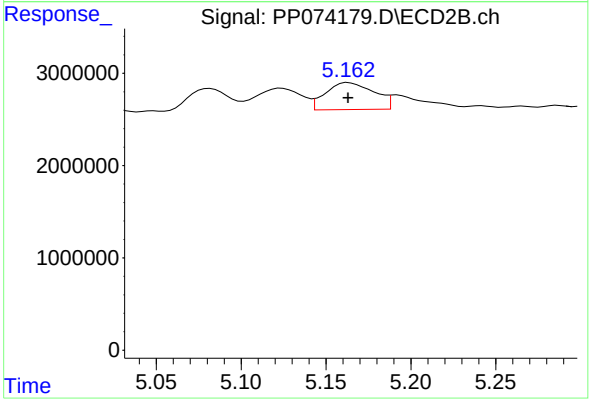
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



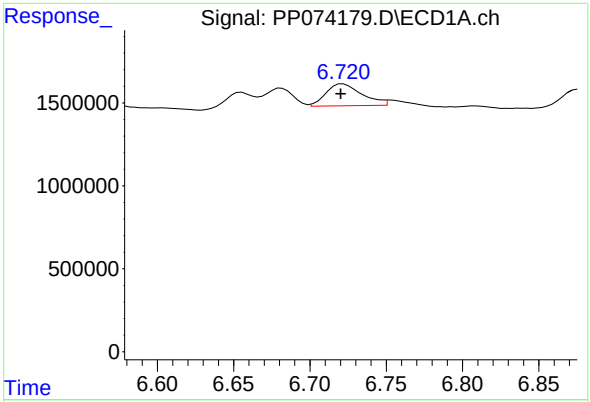
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



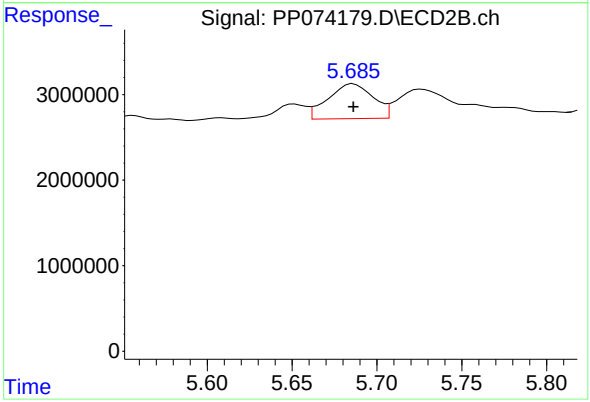
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 2173540
Conc: 56.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 7539678
Conc: 50.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 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...	4.660	3.805	54922987	197.2E6	50.000	50.000
2)	SA Decachlor...	10.433	8.824	48401219	304.7E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.903	14191296	111.8E6	500.000	500.000
22)	L5 AR-1248-2	6.082	5.124	20093773	73885161	500.000	500.000
23)	L5 AR-1248-3	6.284	5.164	22320416	89773071	500.000	477.333m
24)	L5 AR-1248-4	6.682	5.338	25791080	83528426	500.000	500.000
25)	L5 AR-1248-5	6.721	5.727	26620059	151.4E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

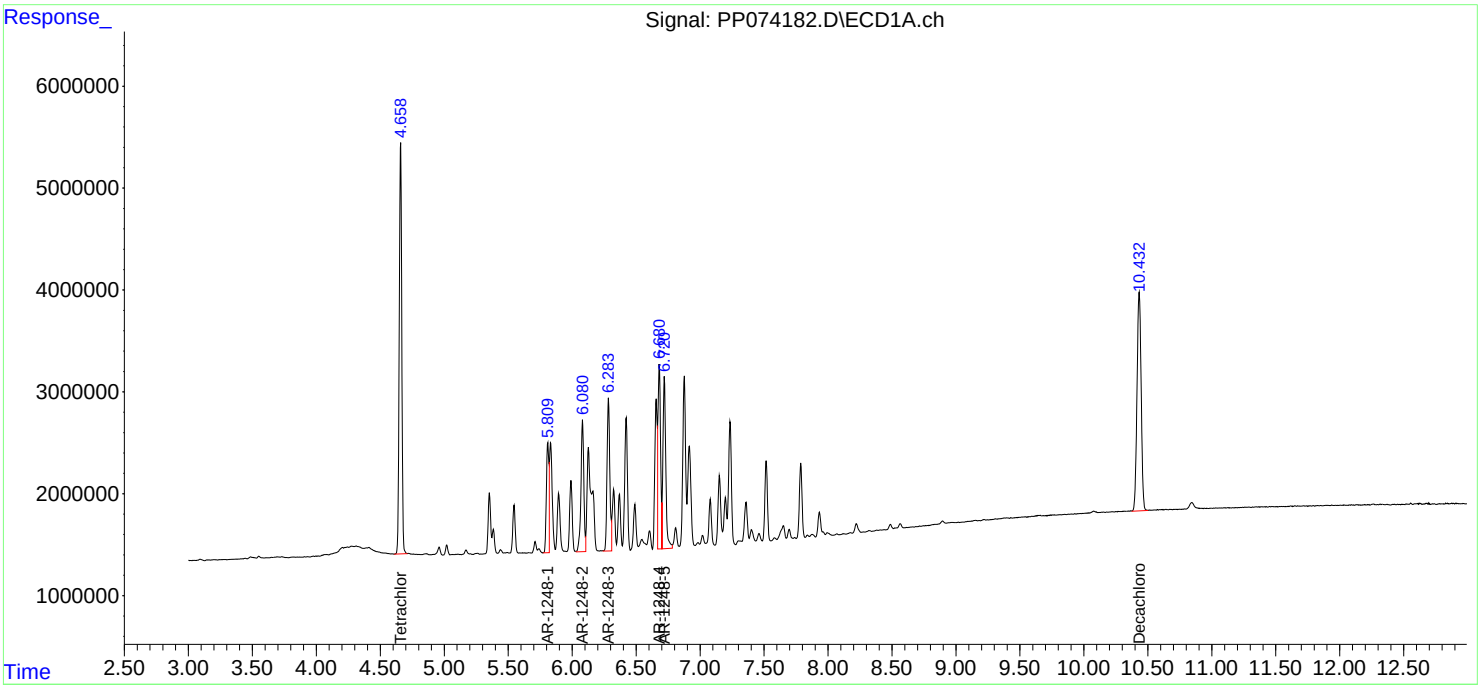
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

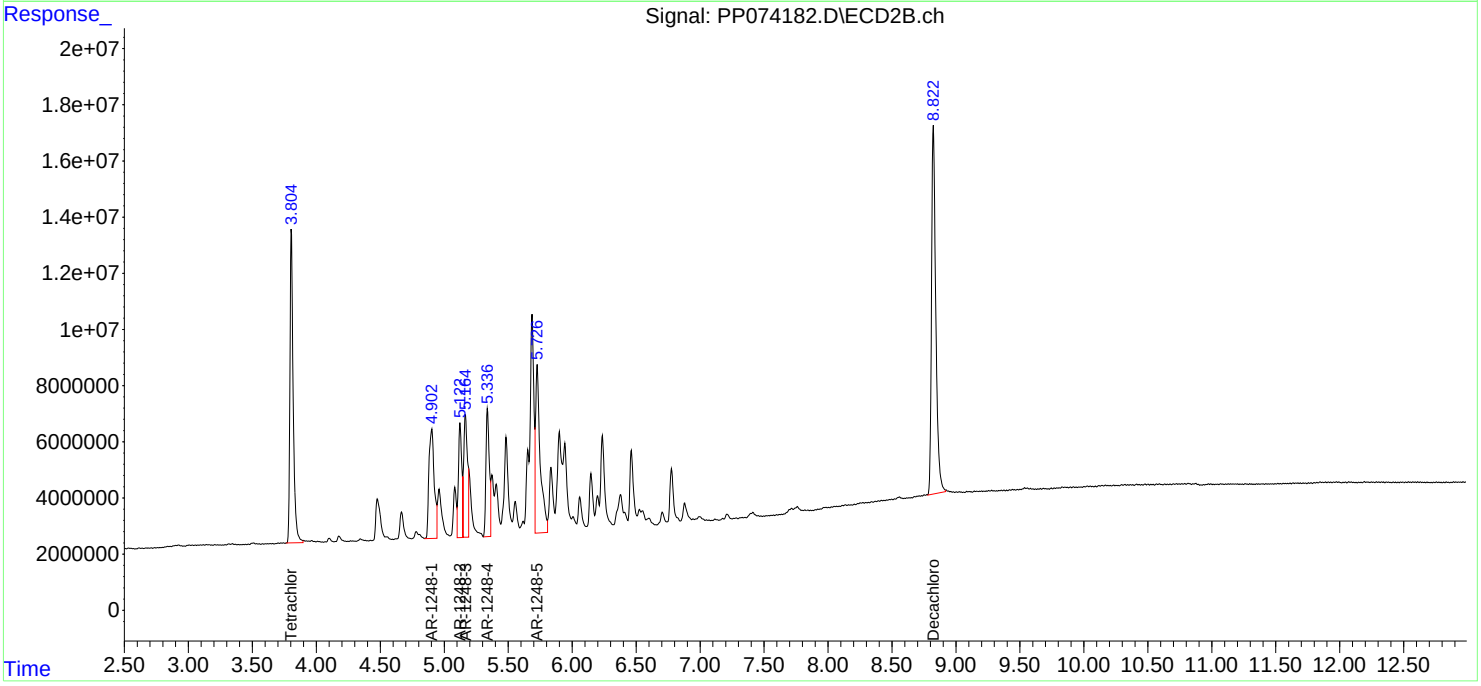
Manual Integrations APPROVED

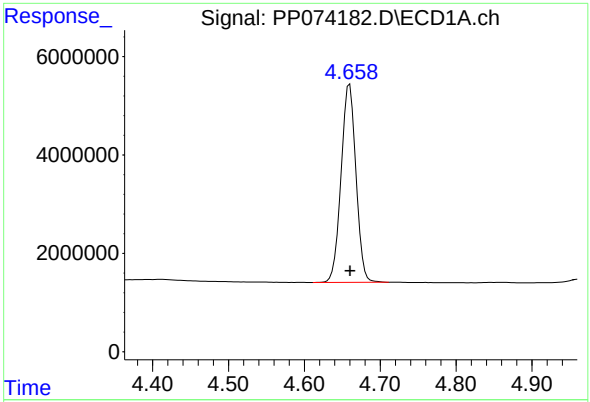
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 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







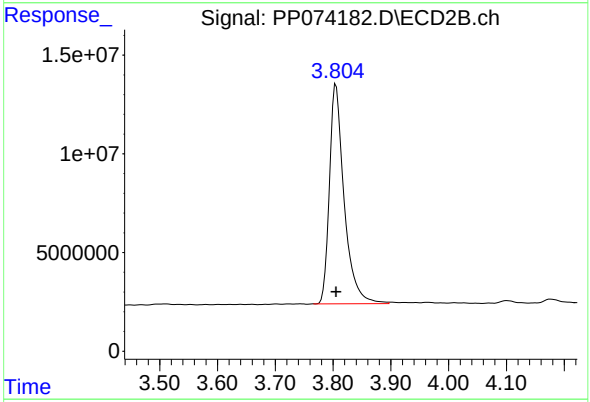
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

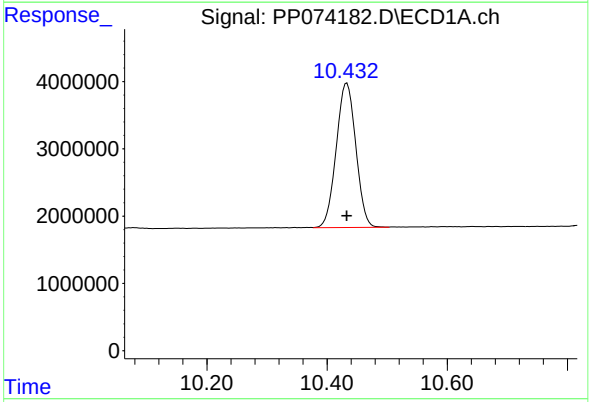
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



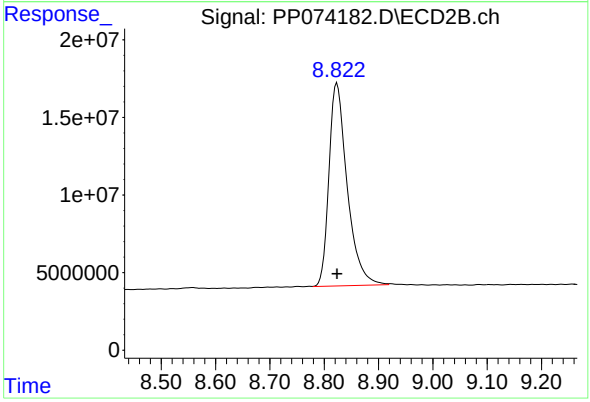
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



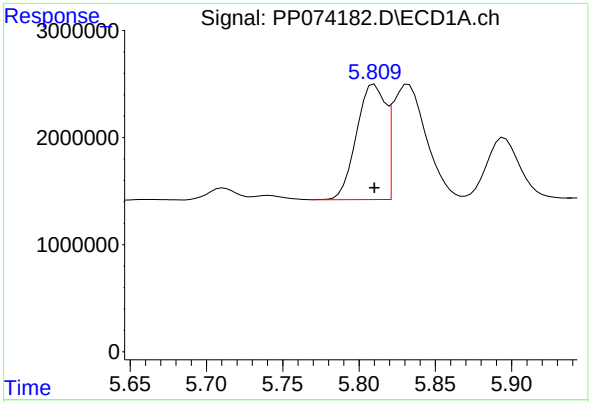
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



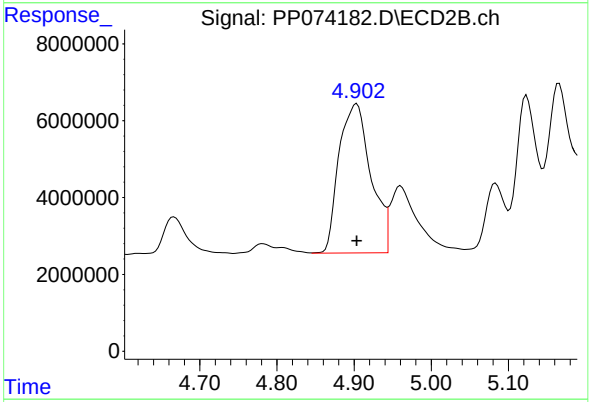
#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

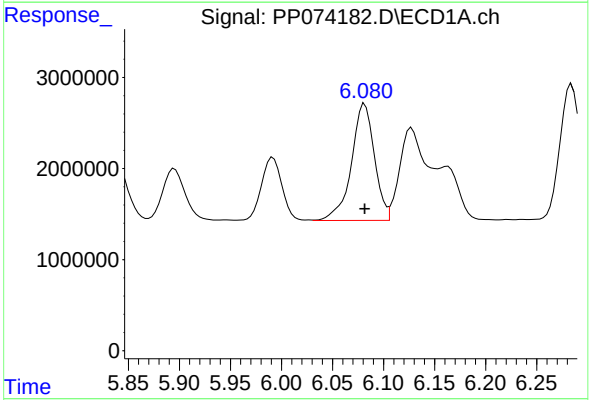
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



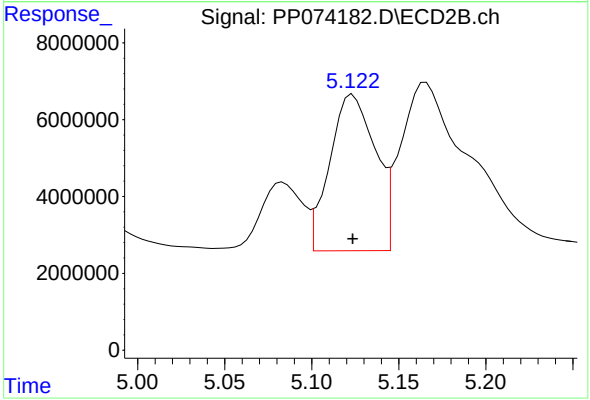
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



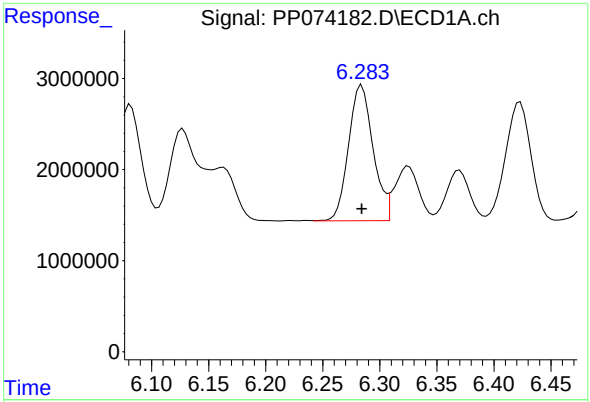
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



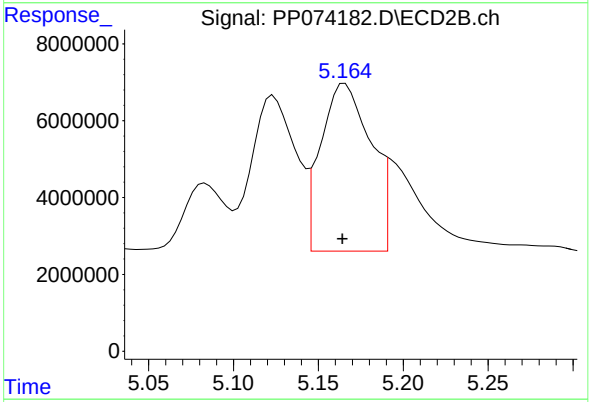
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

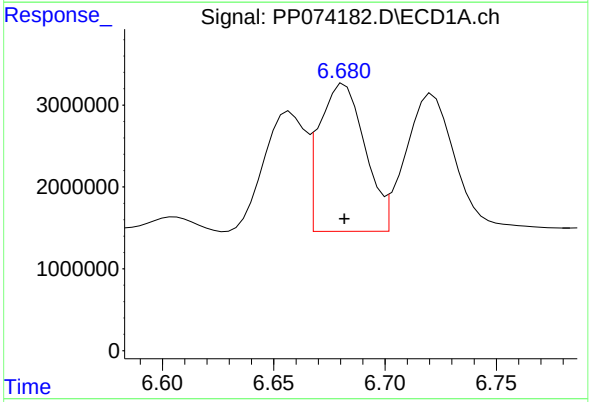
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



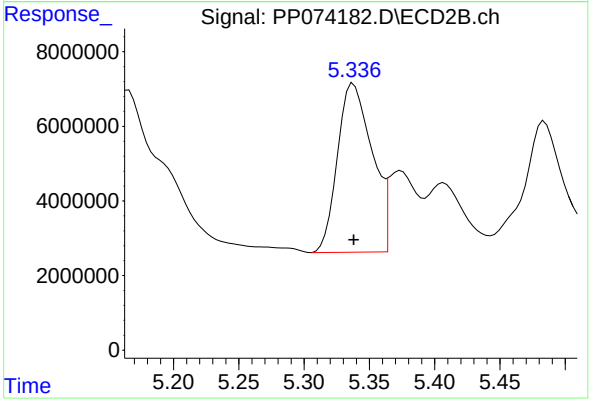
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 89773071
Conc: 477.33 ng/ml m



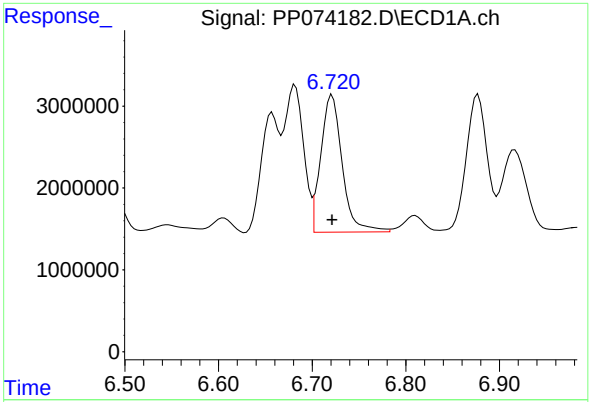
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



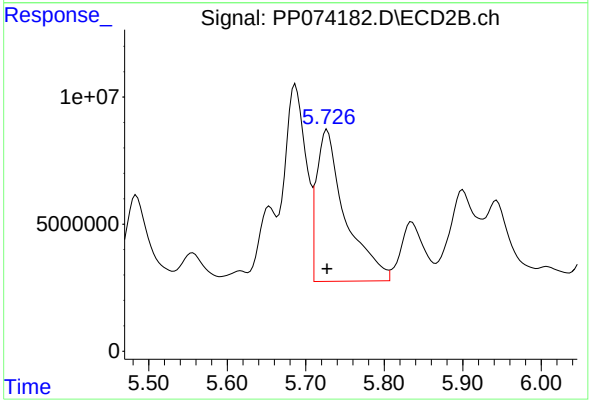
#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 26620059
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 151391354
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.660	3.805	105.5E6	435.9E6	94.708	107.891
2)	SA Decachlor...	10.433	8.824	90161394	620.7E6	92.084	101.439
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.689	49559228	384.6E6	913.982m	998.639
27)	L6 AR-1254-2	6.875	5.835	70079706	284.4E6	896.542	1000.895
28)	L6 AR-1254-3	7.237	6.238	76495408	520.2E6	905.487	1022.453
29)	L6 AR-1254-4	7.518	6.464	57834344	378.1E6	911.799	1002.531
30)	L6 AR-1254-5	7.934	6.880	73335985	425.1E6	909.260	1067.360m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

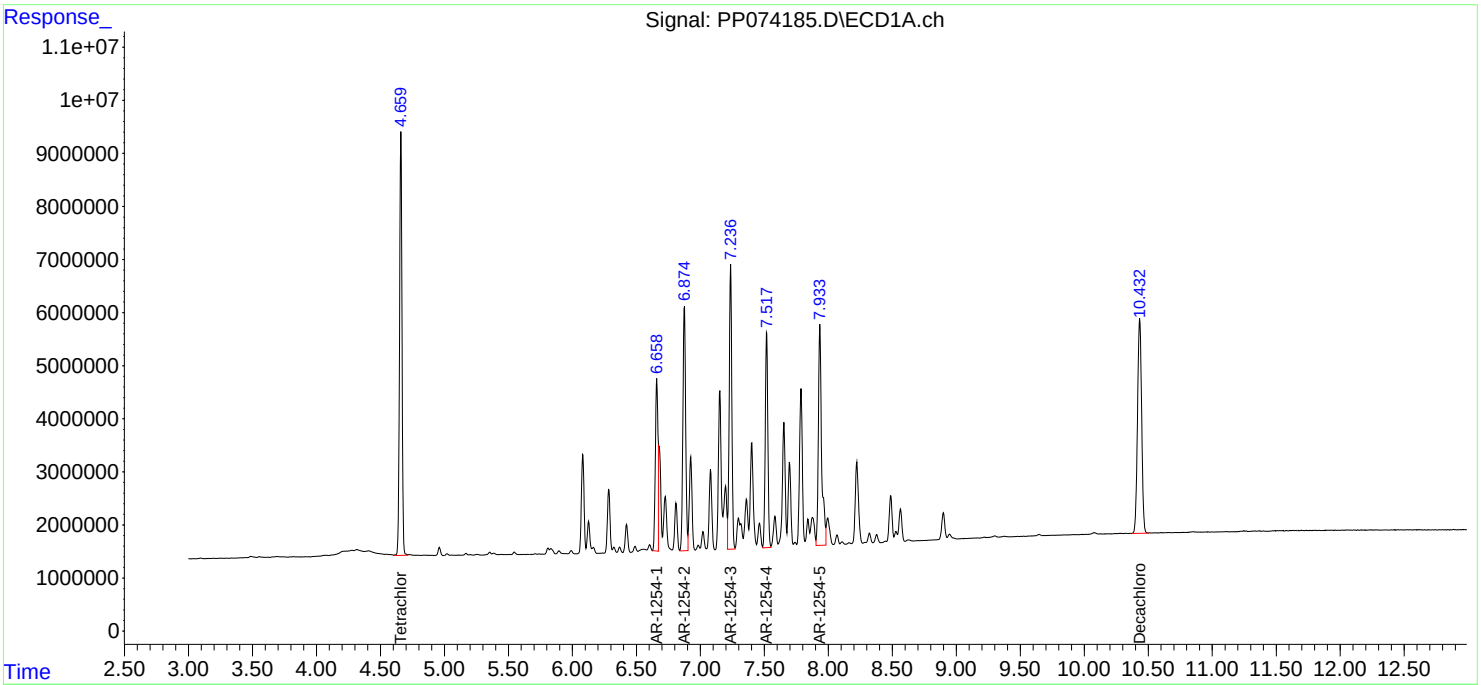
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

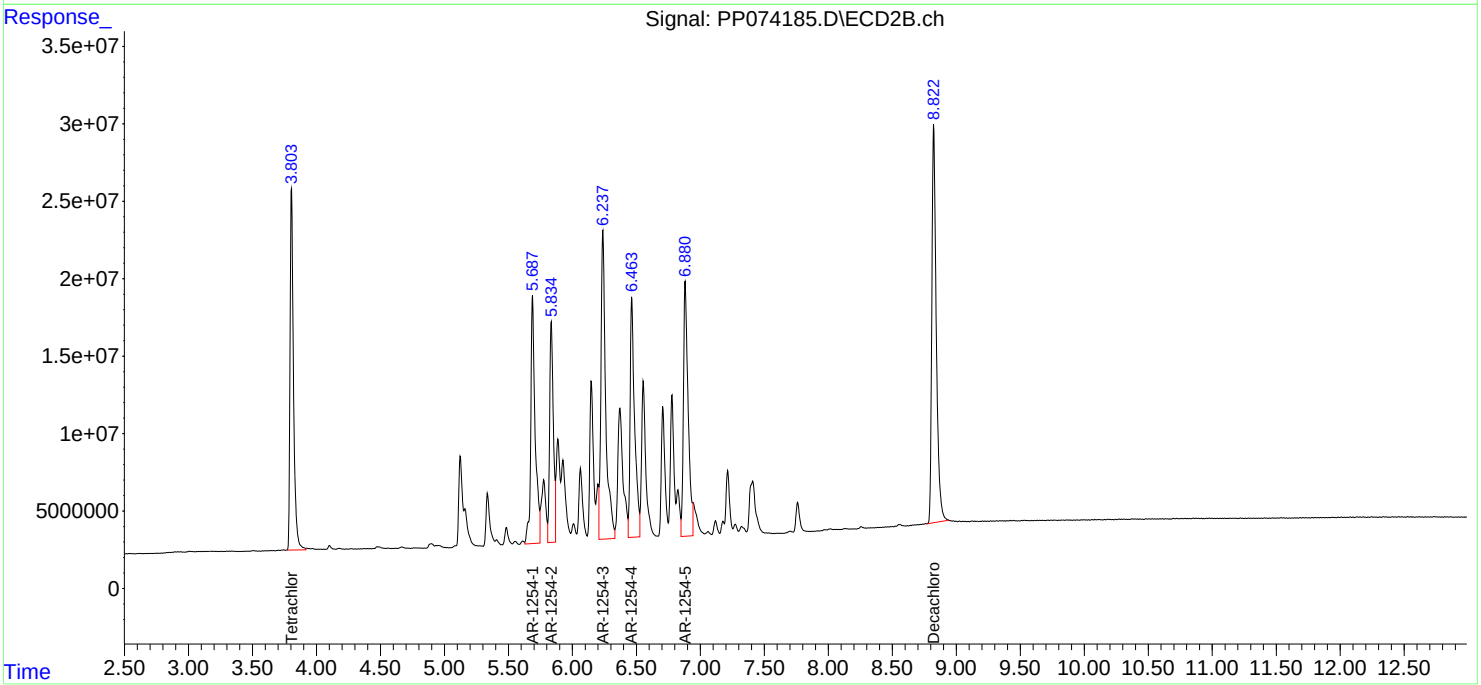
Manual Integrations APPROVED

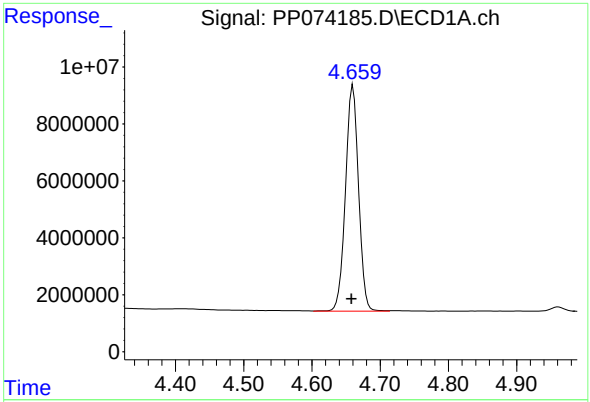
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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







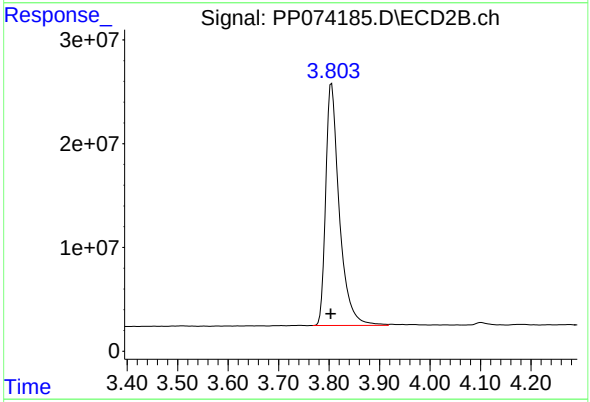
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

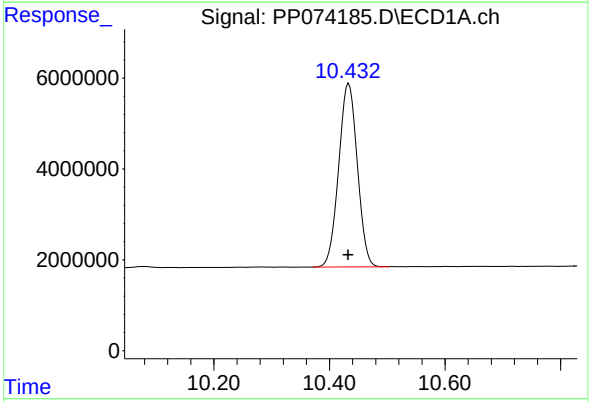
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



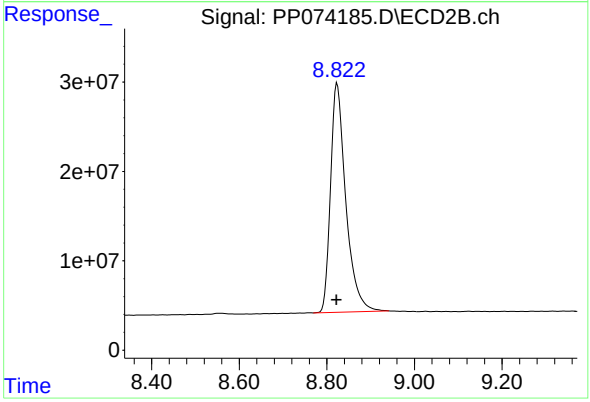
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



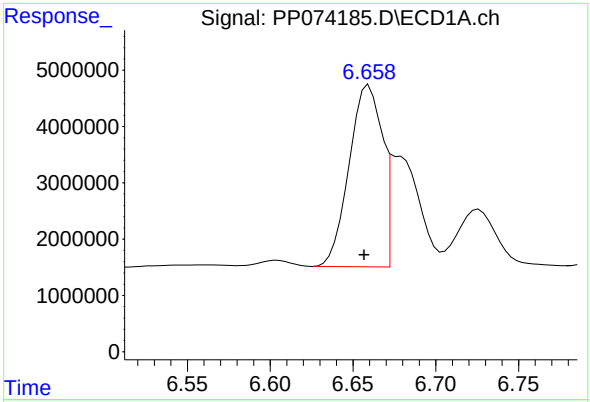
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml



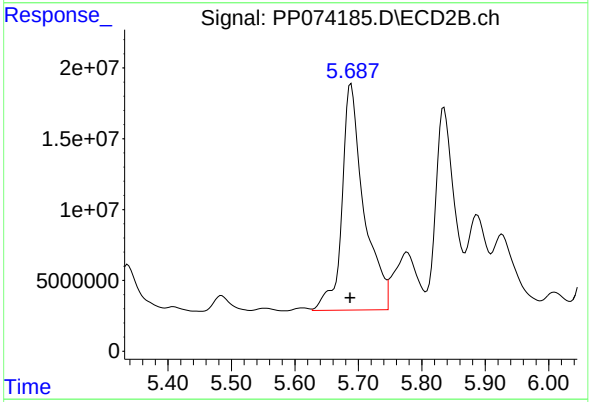
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 49559228
Conc: 913.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

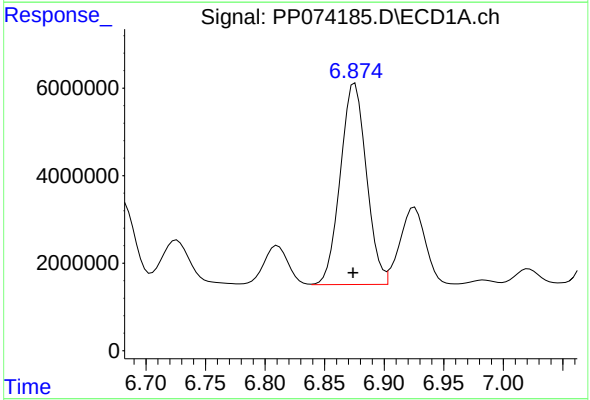
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



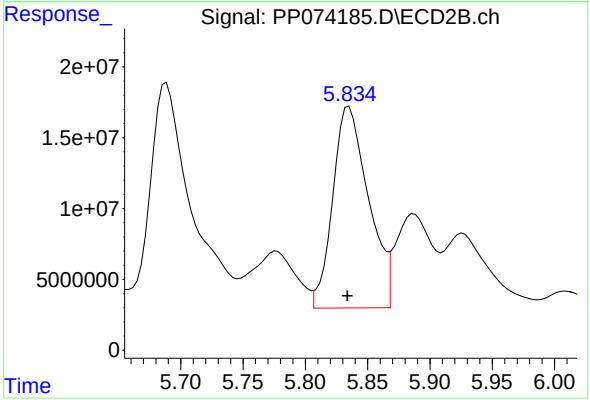
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



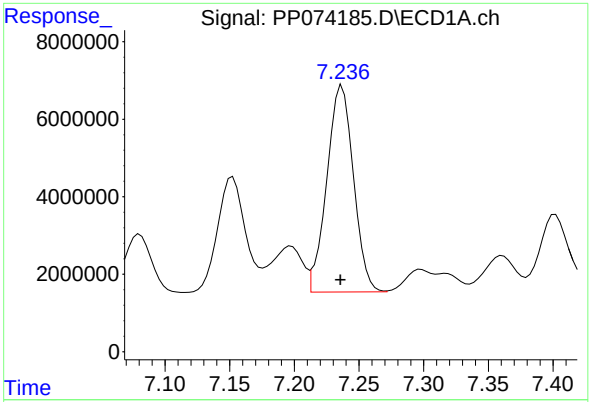
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml



#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml



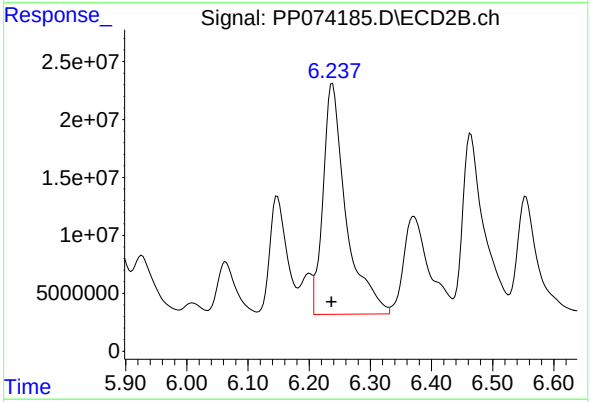
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

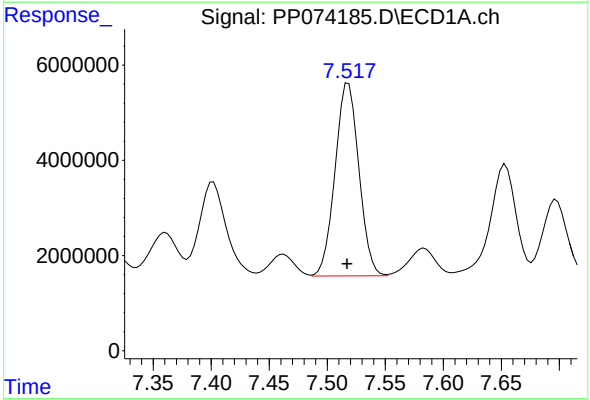
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



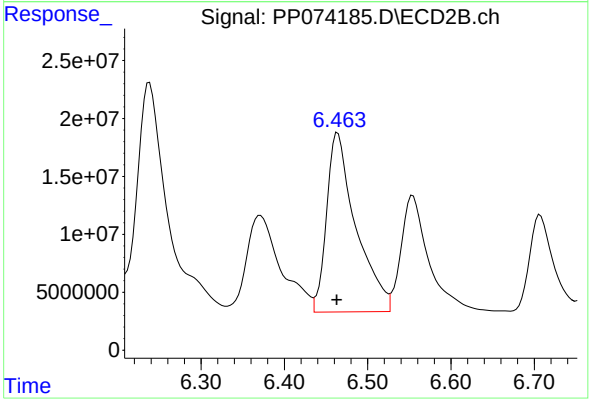
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



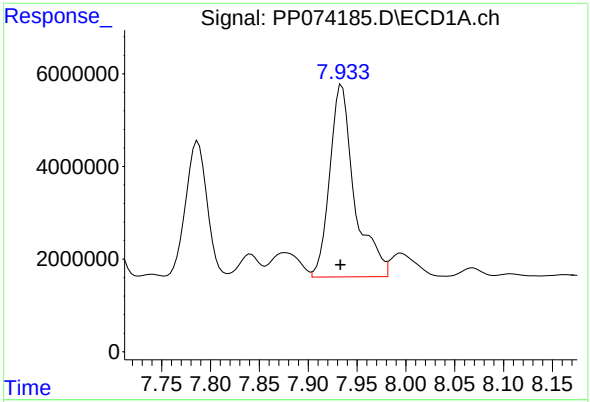
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



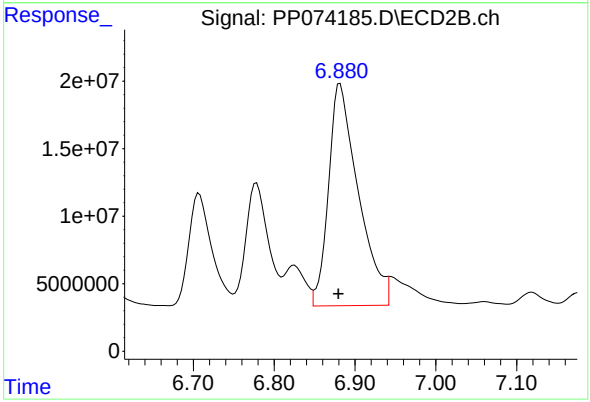
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 73335985
Conc: 909.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 425051302
Conc: 1067.36 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.659	3.804	80274871	316.5E6	72.041	78.350
2)	SA Decachlor...	10.433	8.823	69679431	463.5E6	71.165	75.743
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.688	37358301	271.1E6	688.970m	703.976
27)	L6 AR-1254-2	6.874	5.835	54514978	207.5E6	697.420	730.114
28)	L6 AR-1254-3	7.236	6.237	59505451	390.5E6	704.374	767.509
29)	L6 AR-1254-4	7.517	6.464	44944937	292.2E6	708.589	774.901
30)	L6 AR-1254-5	7.933	6.881	57058661	308.2E6	707.445	773.995

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

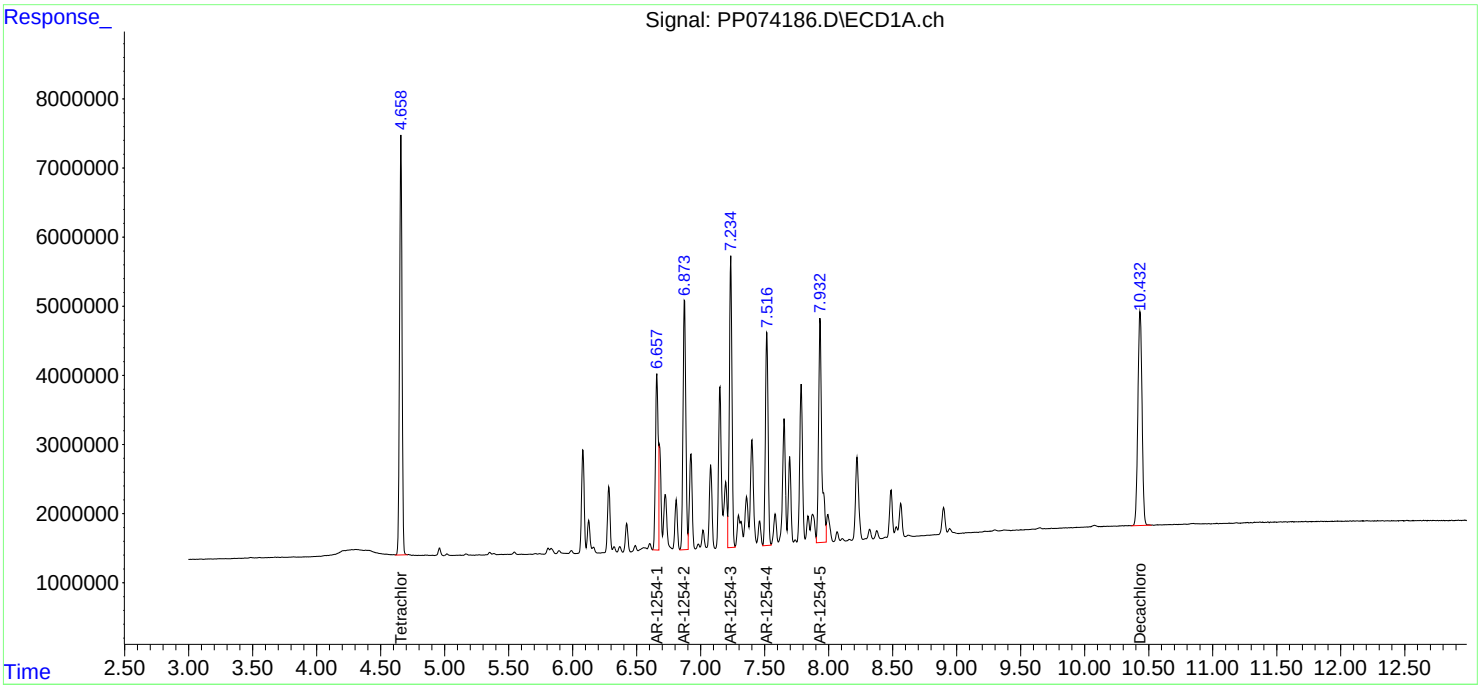
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

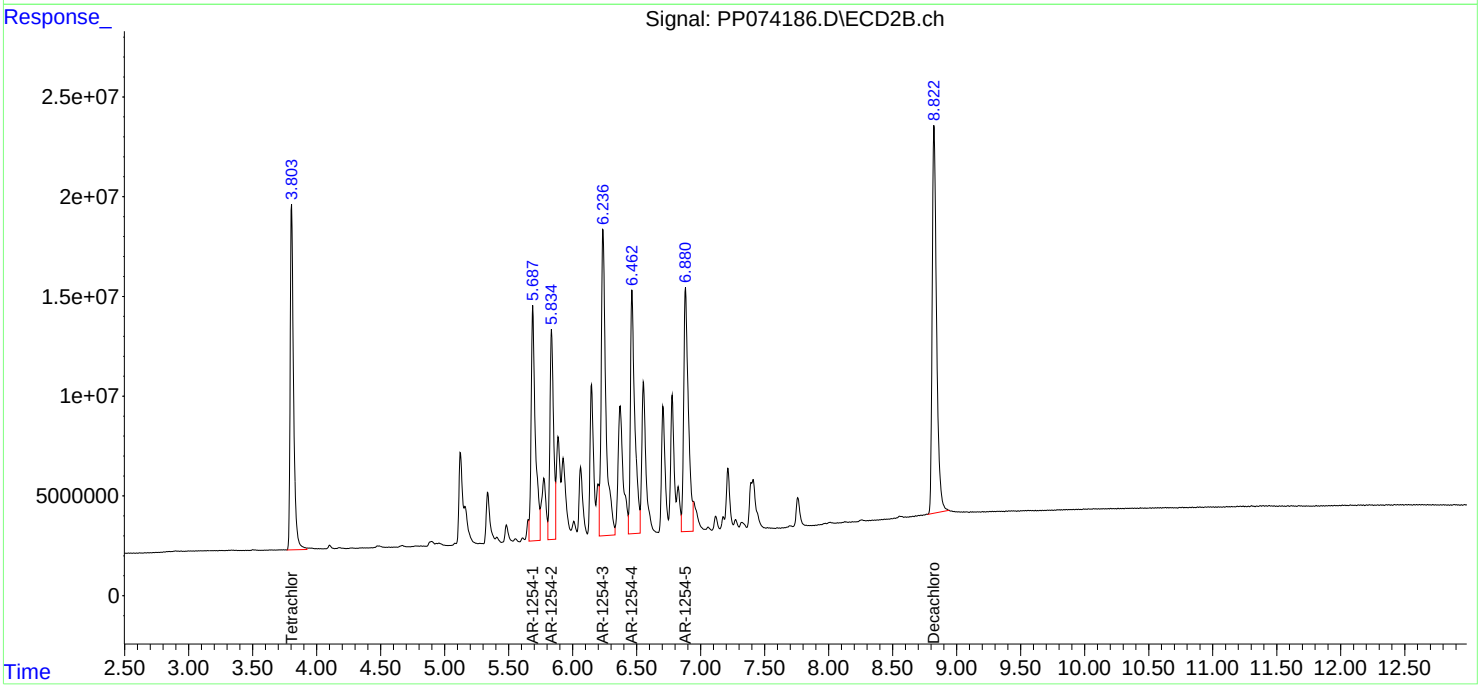
Manual Integrations APPROVED

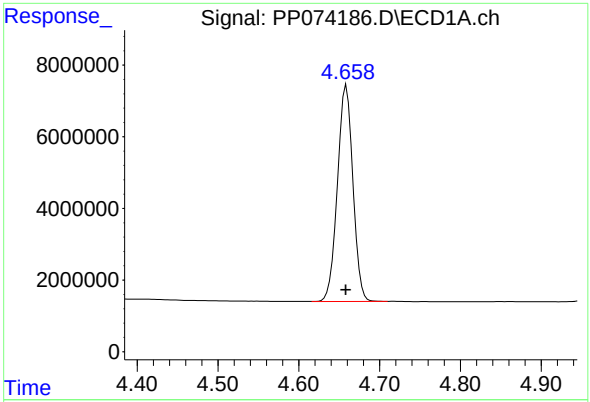
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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







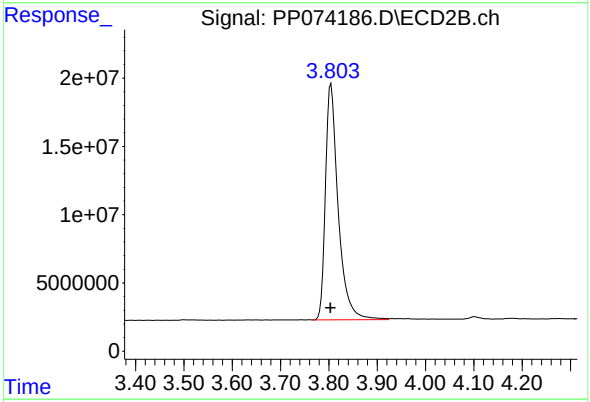
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

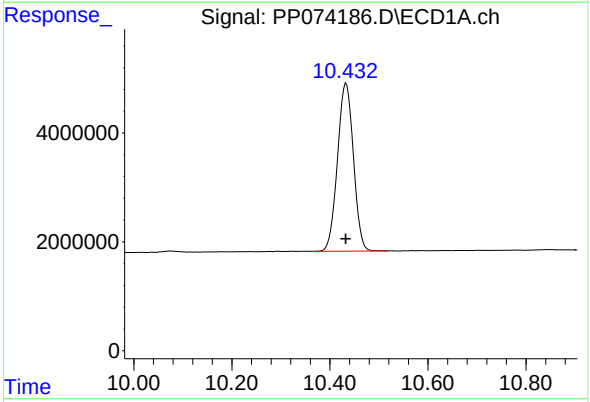
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



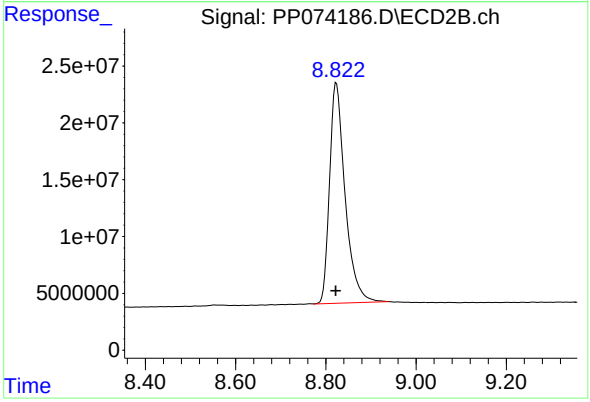
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



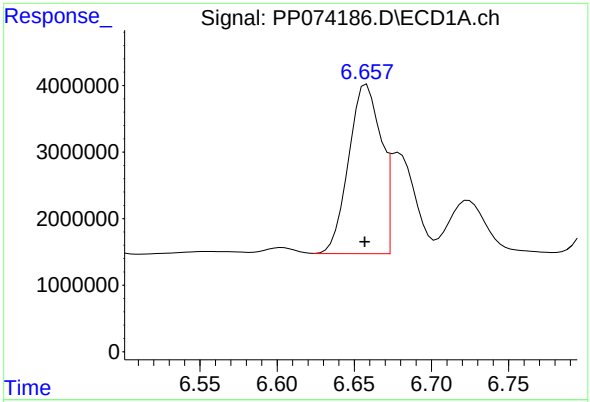
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



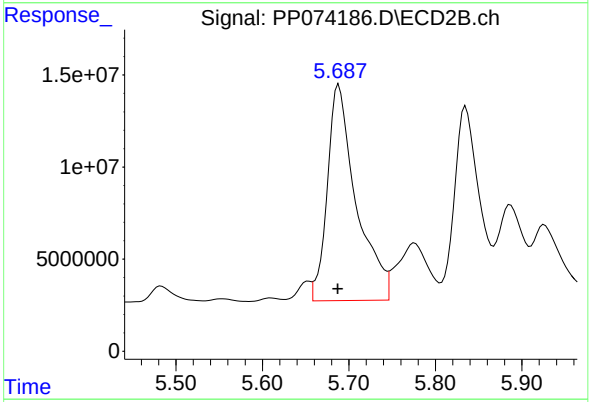
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 37358301
Conc: 688.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

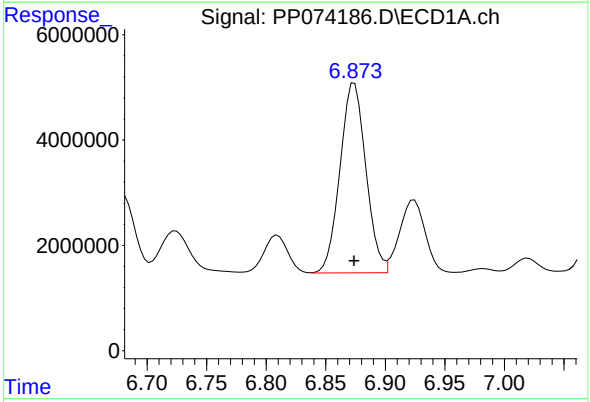
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



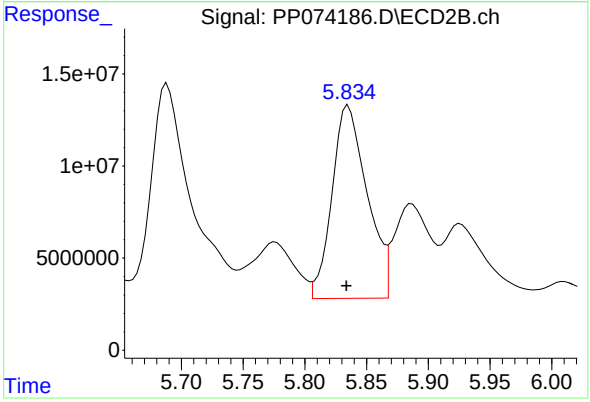
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



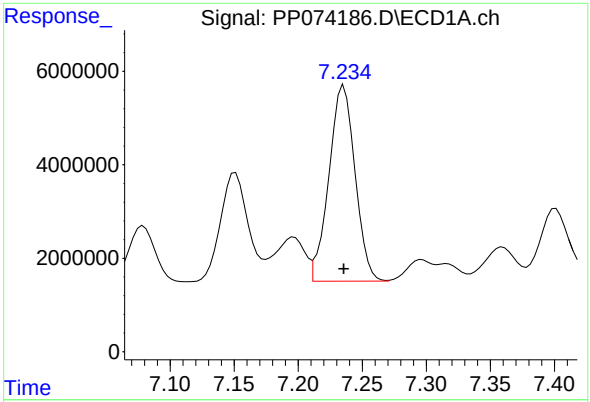
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



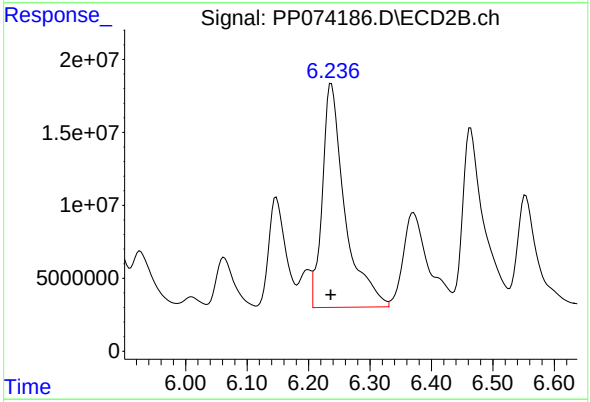
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

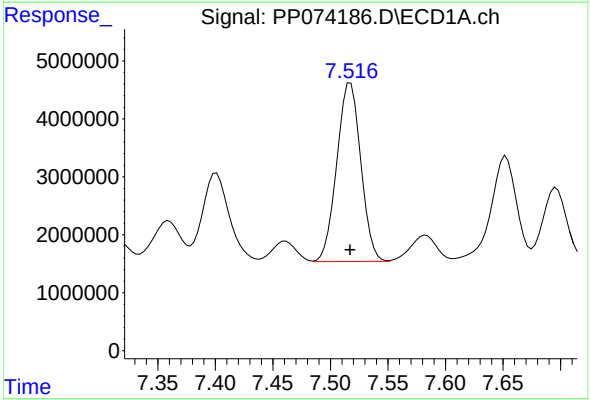
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



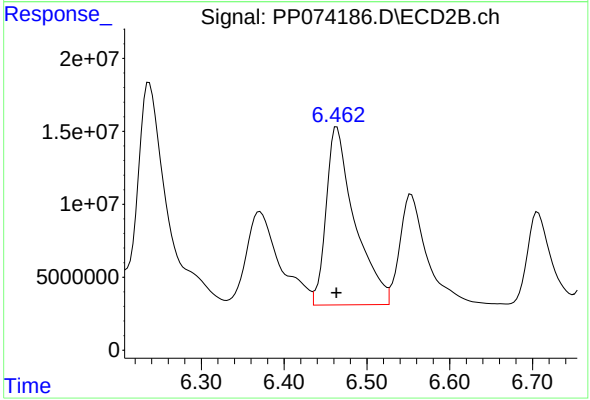
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



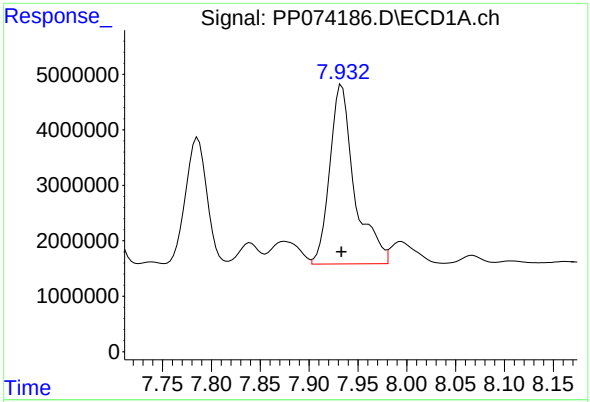
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



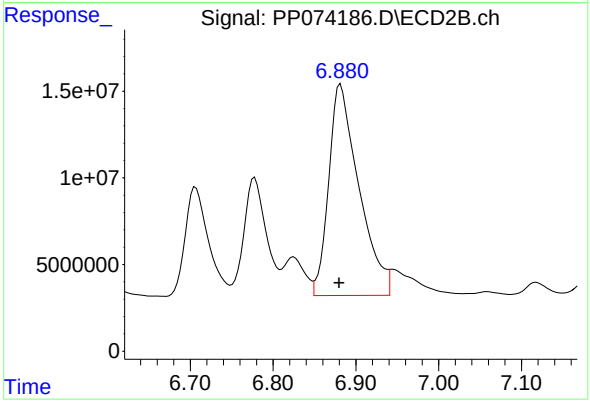
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 57058661
Conc: 707.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.002 min
Response: 308225641
Conc: 774.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	55714538	202.0E6	50.000	50.000
2)	SA Decachlor...	10.432	8.822	48956102	305.9E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.687	26953630	192.5E6	497.085m	500.000
27)	L6 AR-1254-2	6.874	5.834	39083346	142.1E6	500.000	500.000
28)	L6 AR-1254-3	7.236	6.237	42239930	254.4E6	500.000	500.000
29)	L6 AR-1254-4	7.517	6.463	31714402	188.5E6	500.000	500.000
30)	L6 AR-1254-5	7.933	6.880	40327283	199.1E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

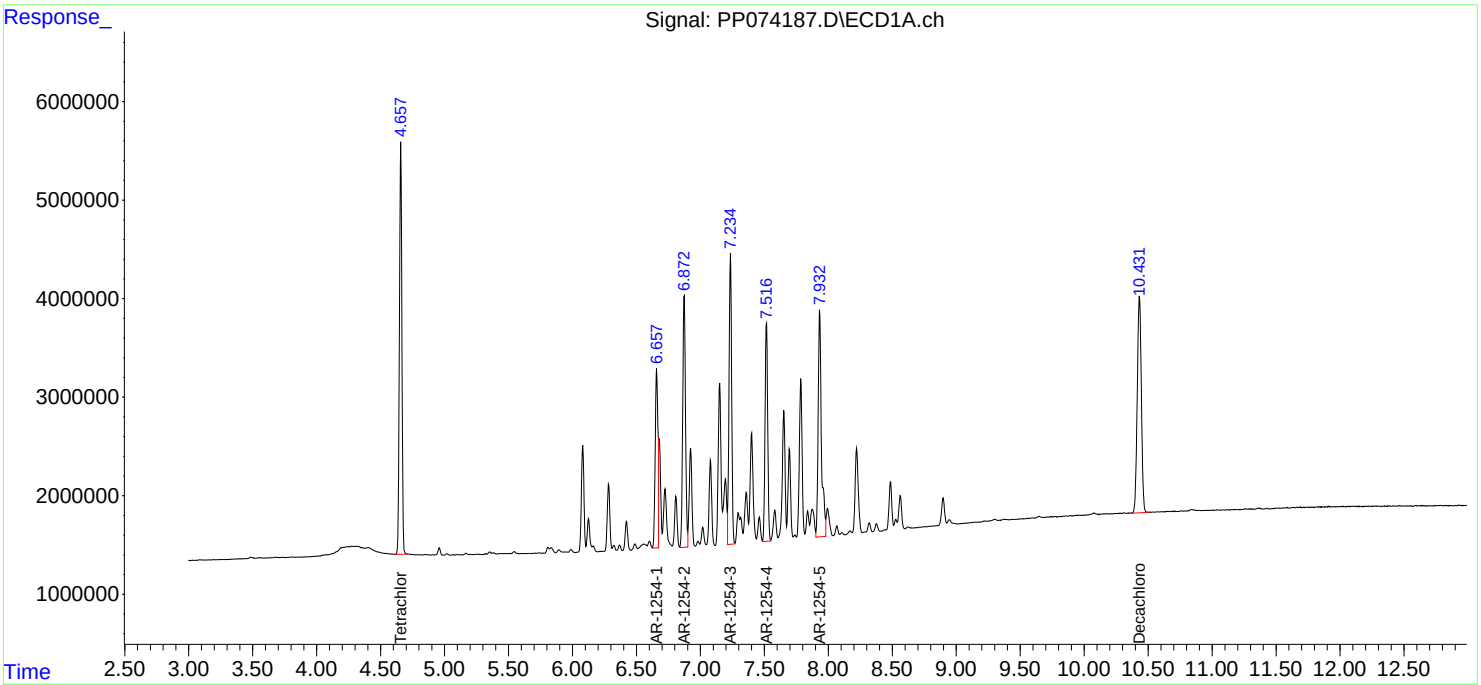
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

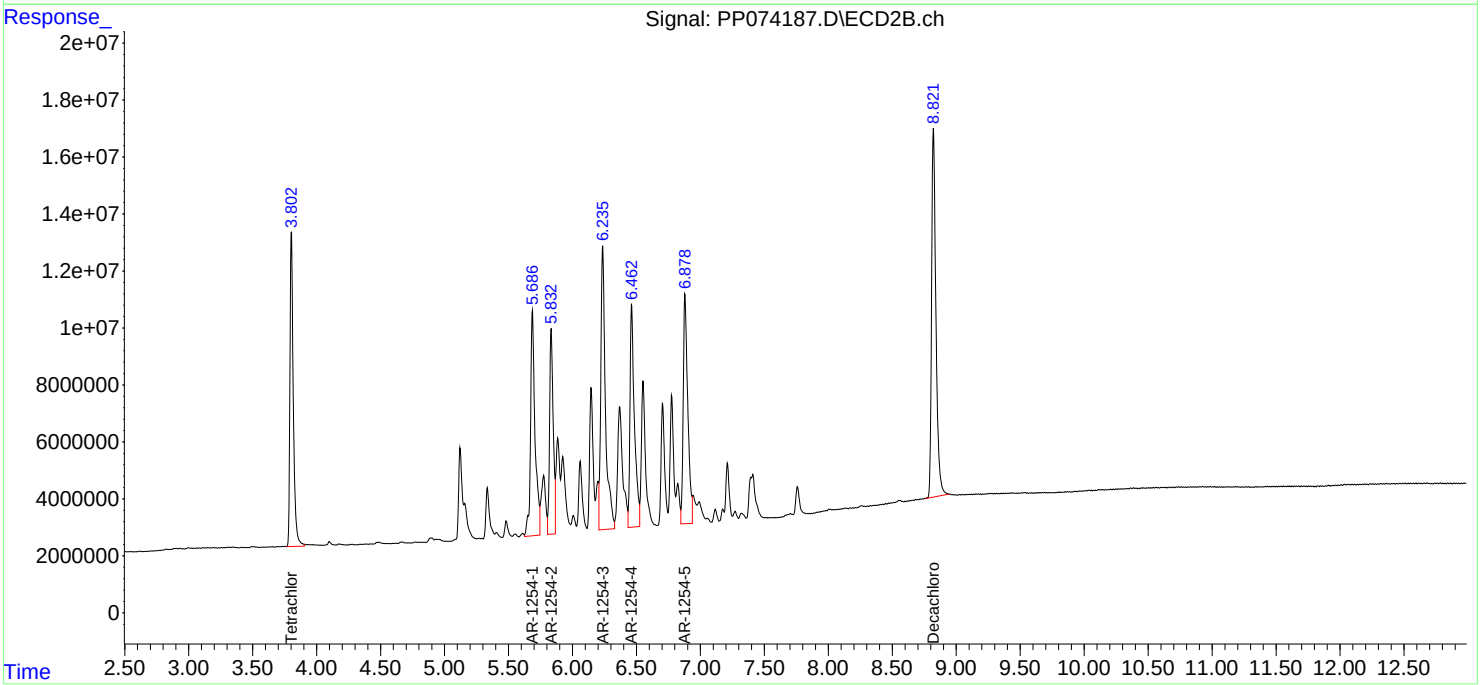
Manual Integrations APPROVED

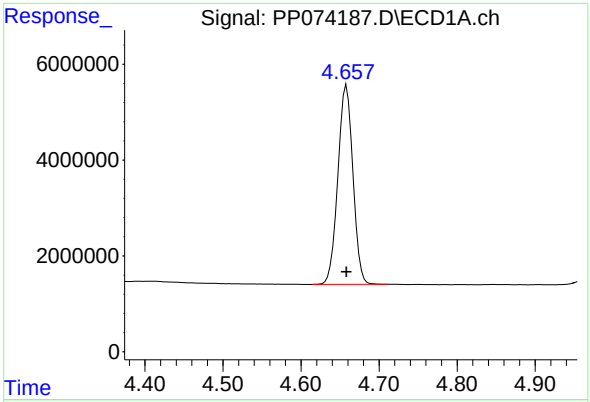
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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







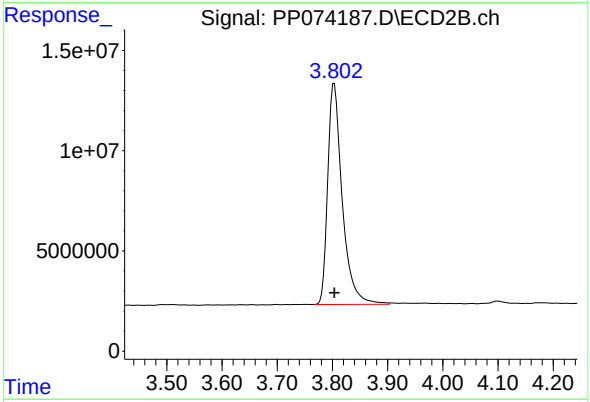
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

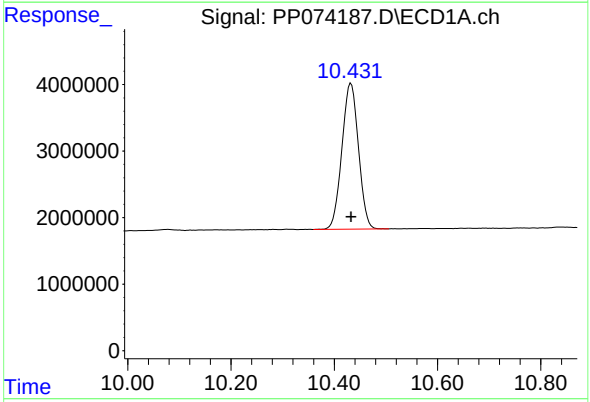
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



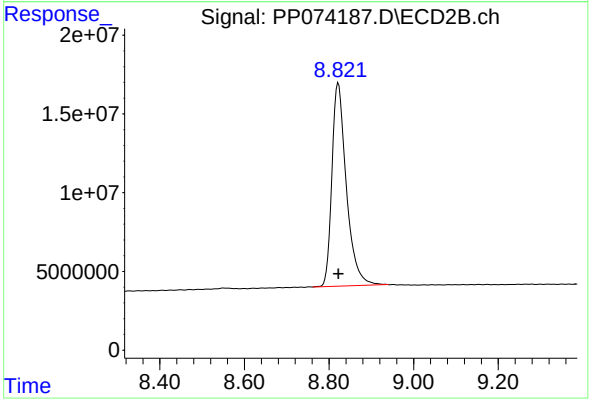
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



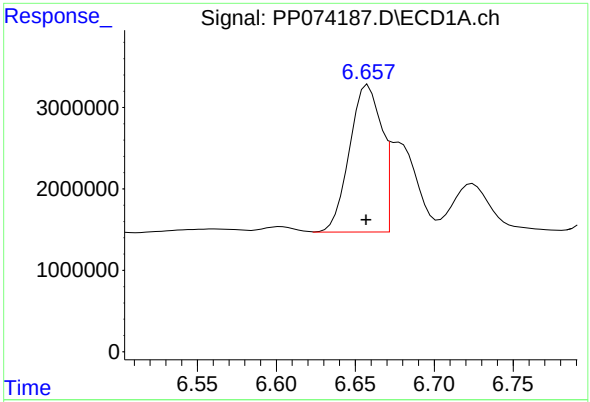
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



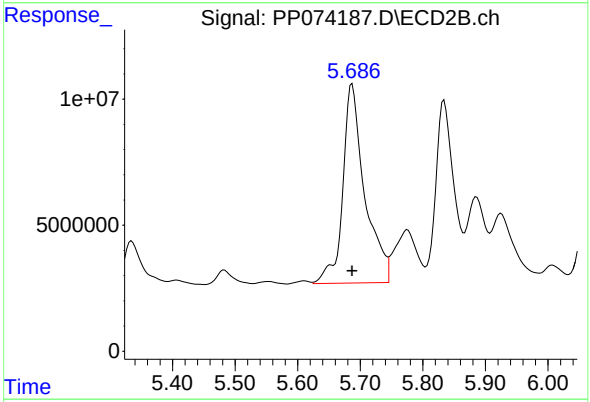
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 26953630
Conc: 497.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

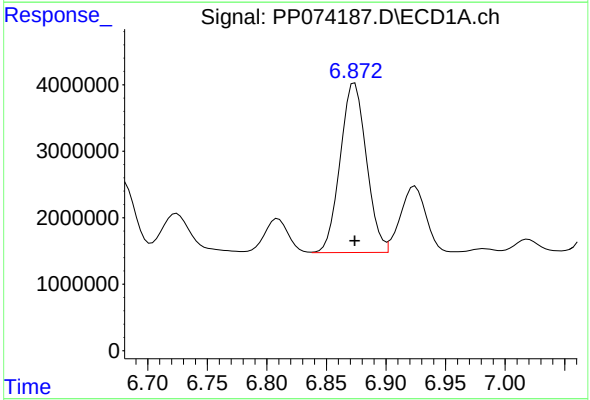
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



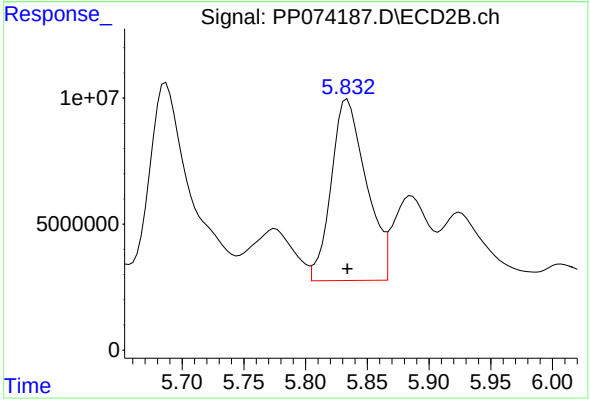
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



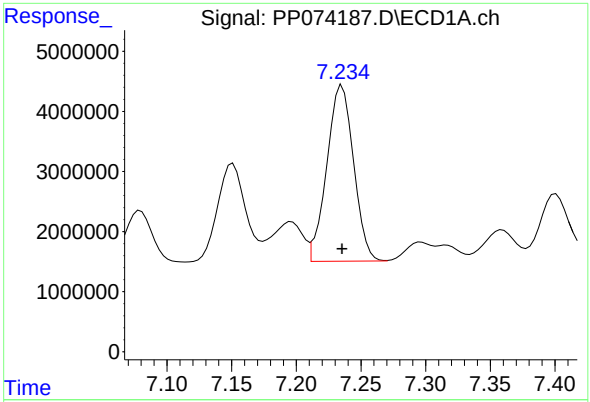
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



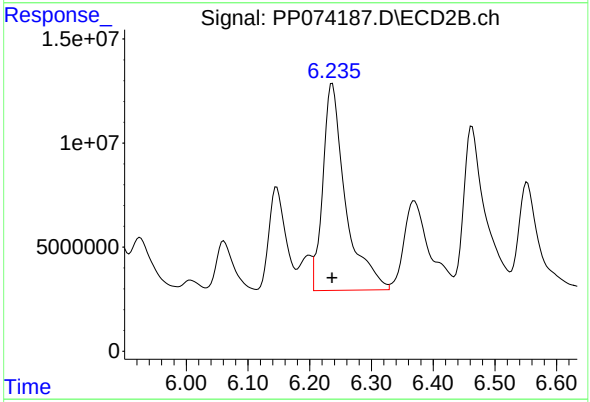
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

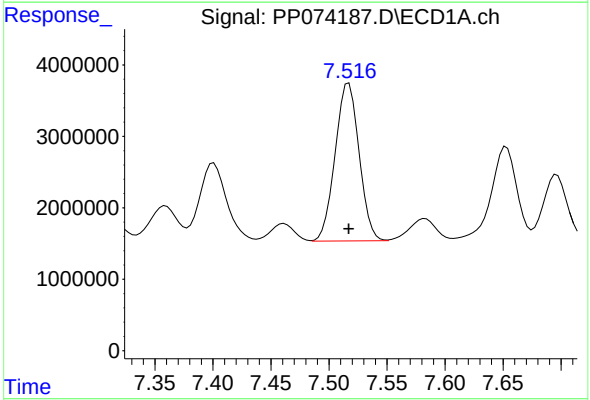
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



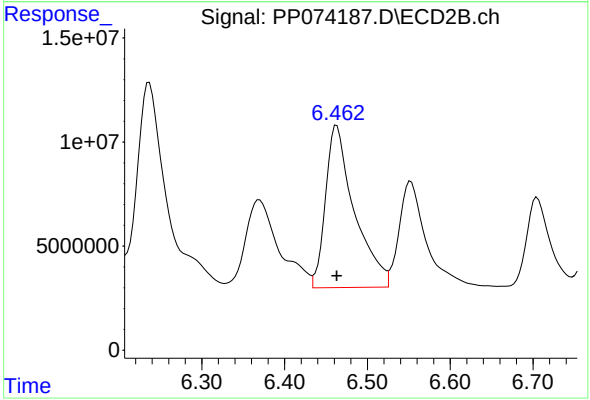
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



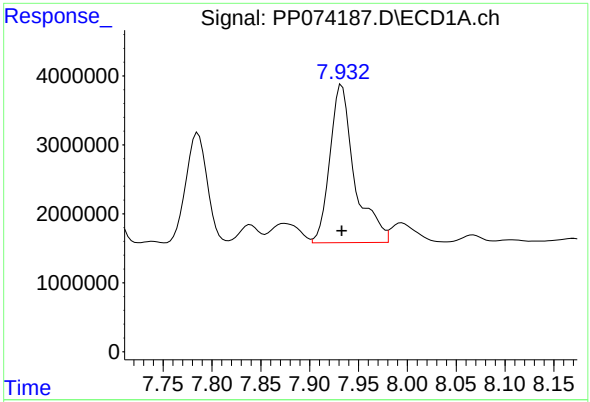
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



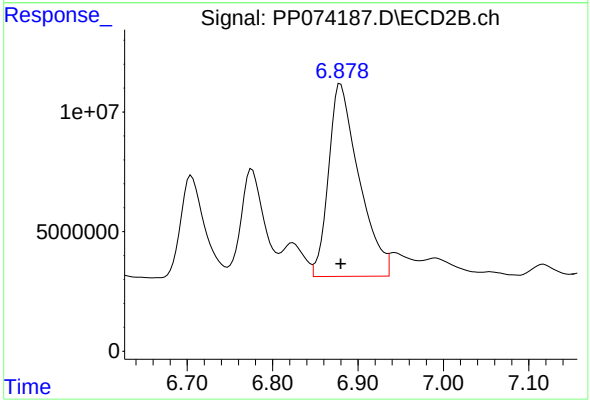
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 40327283
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 199113358
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	29734018	92012238	26.684	22.775
2)	SA Decachlor...	10.431	8.821	26431747	157.0E6	26.995	25.657
	Target Compounds						
26)	L6 AR-1254-1	6.656	5.687	13498256	94373679	248.938m	245.075
27)	L6 AR-1254-2	6.873	5.834	21644264	72682229	276.899	255.801
28)	L6 AR-1254-3	7.235	6.236	23355124	131.7E6	276.458	258.769
29)	L6 AR-1254-4	7.516	6.462	17399794	98587777	274.320	261.437
30)	L6 AR-1254-5	7.932	6.879	22010158	98393861	272.894	247.080

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

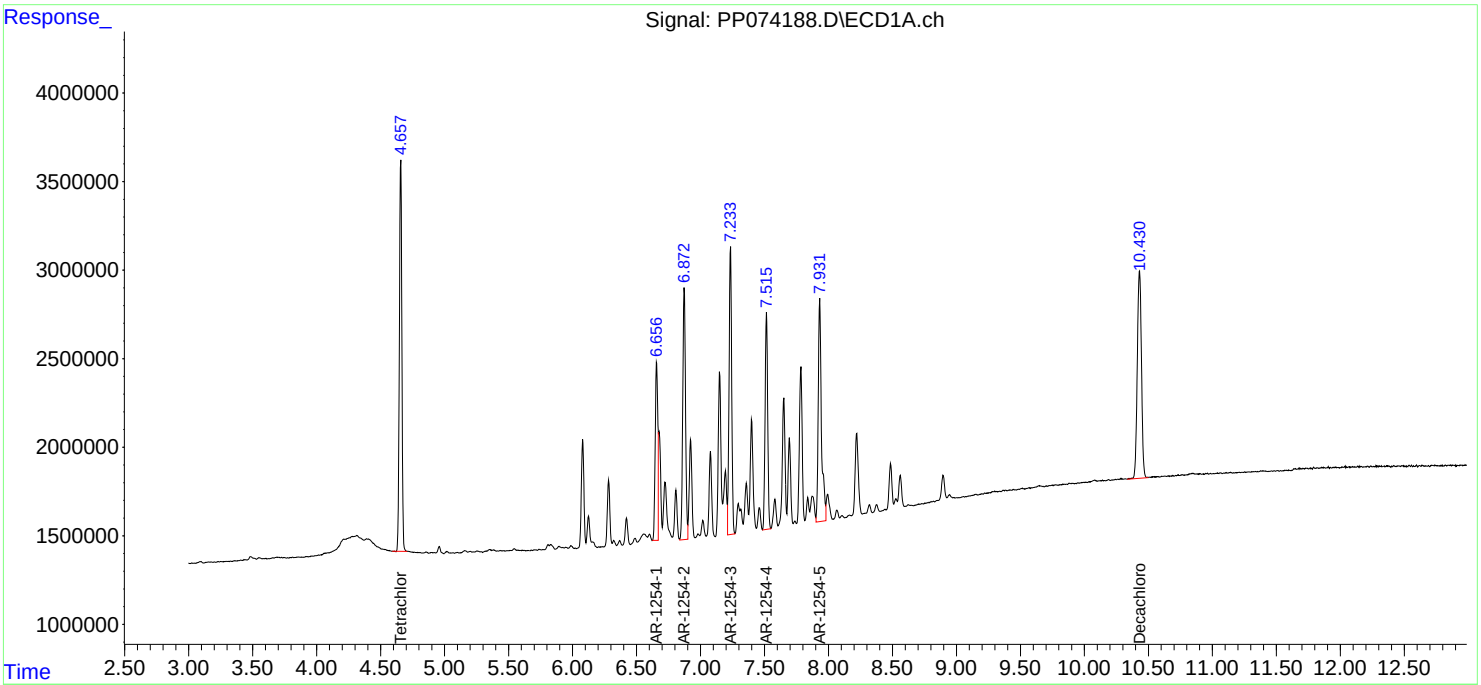
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

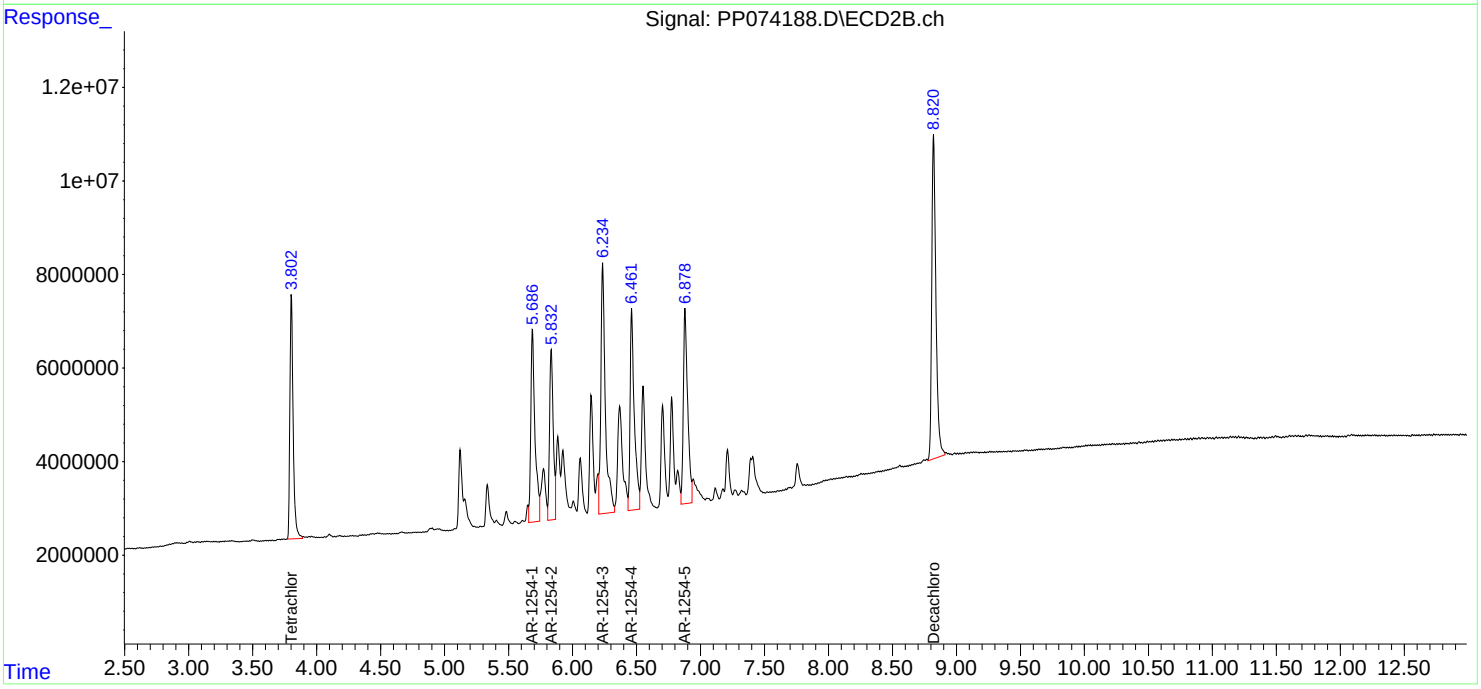
Manual Integrations APPROVED

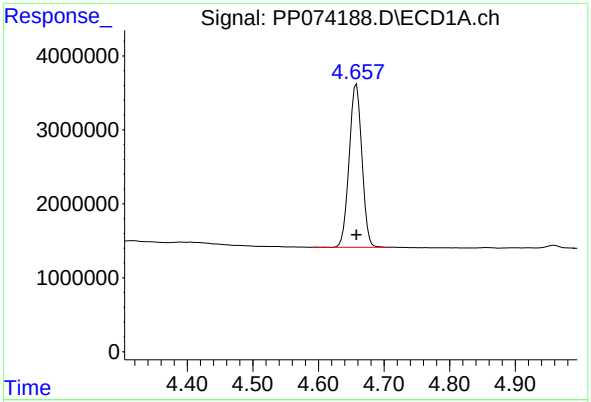
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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







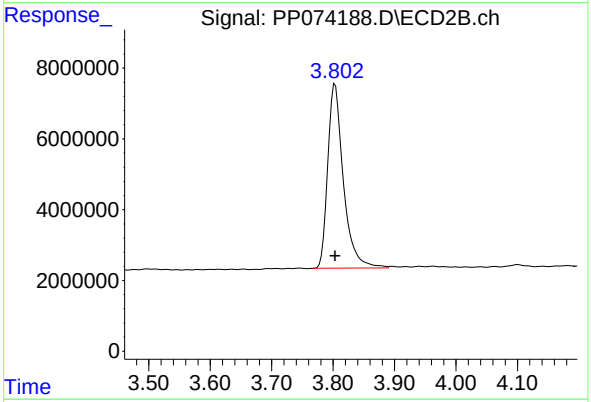
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

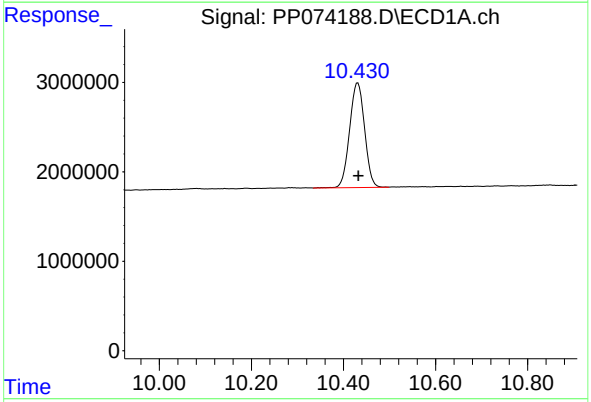
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



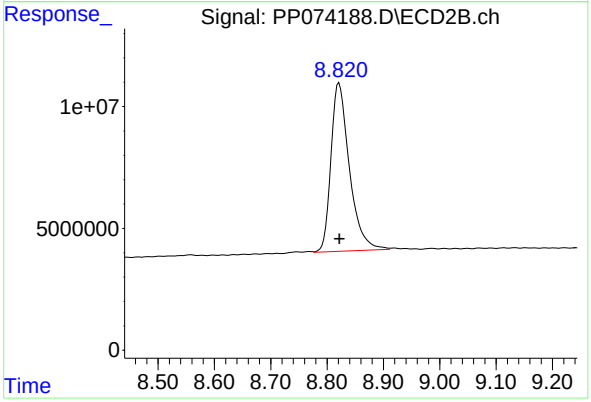
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



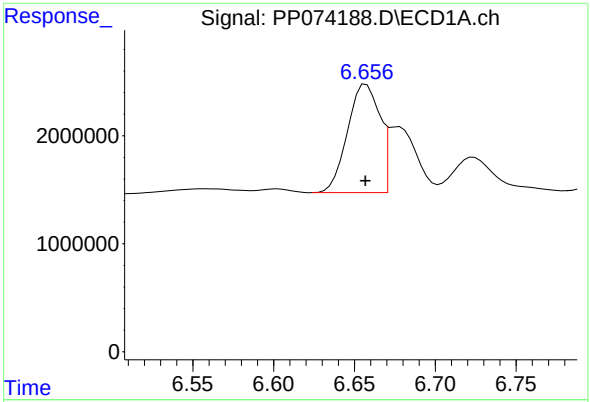
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



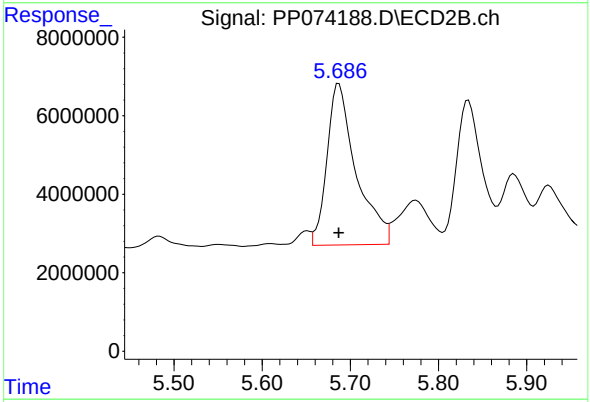
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 13498256
Conc: 248.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

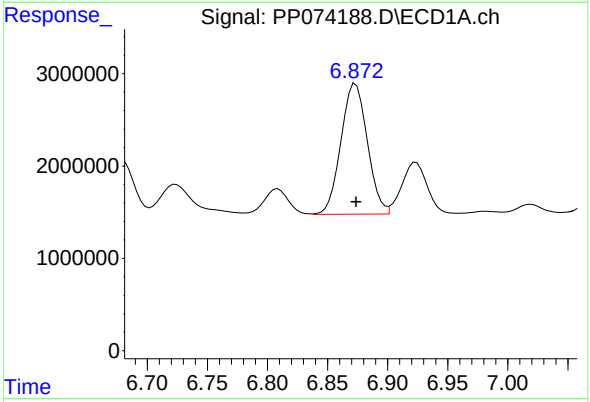
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



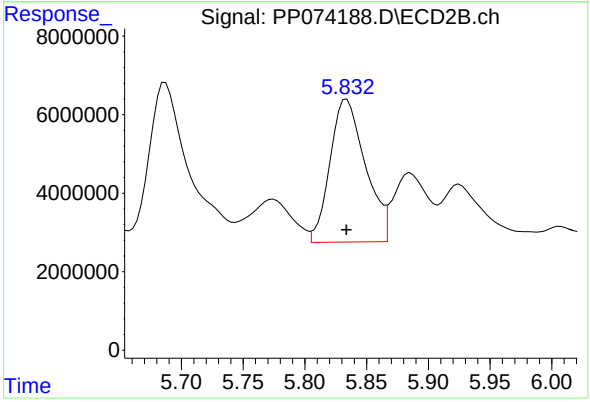
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



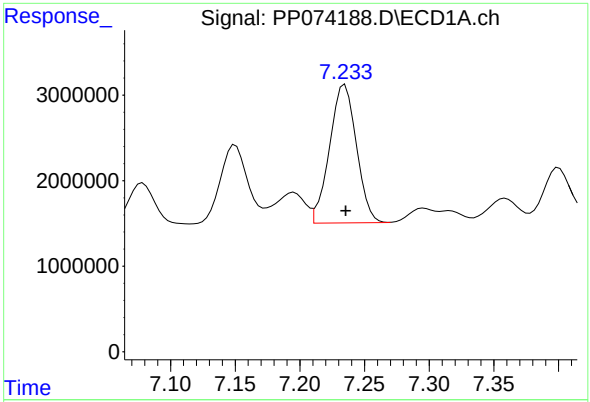
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml



#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml



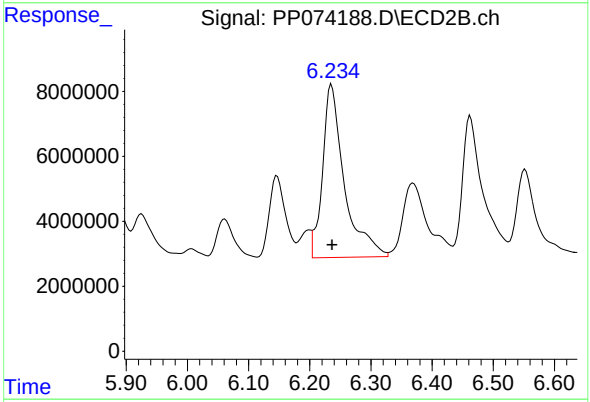
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

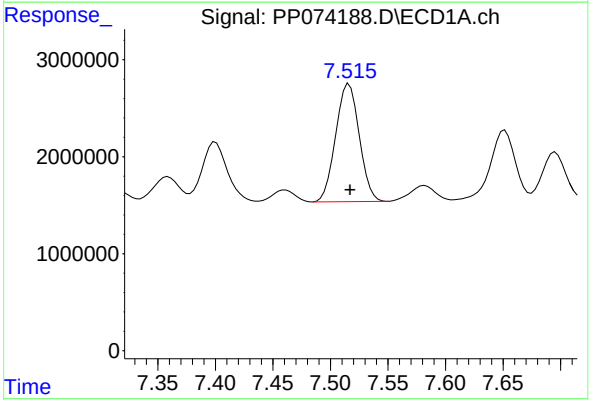
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



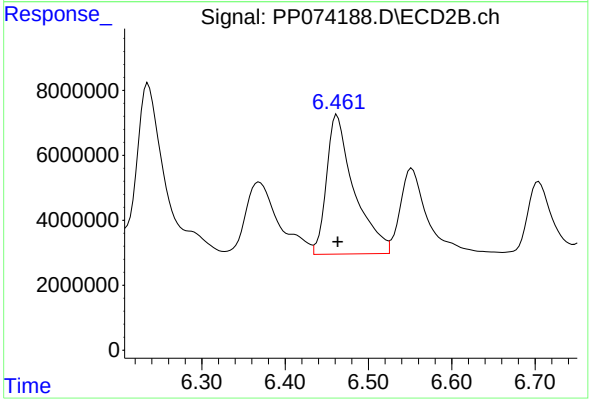
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



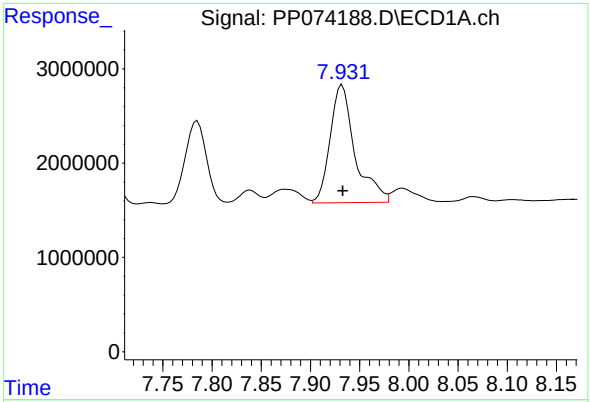
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



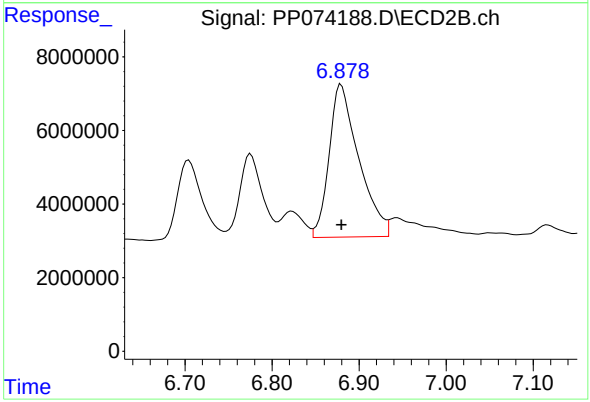
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 22010158
Conc: 272.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 98393861
Conc: 247.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 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...	4.657	3.804	5935360	12647504	5.284	3.358 #
2)	SA Decachlor...	10.430	8.823	5026515	24210870	5.158	4.086
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.689	2796732	16116298	51.810m	44.012
27)	L6 AR-1254-2	6.872	5.836	4500635	12761430	56.609	45.869
28)	L6 AR-1254-3	7.234	6.237	5142235	18482386	58.892	37.780 #
29)	L6 AR-1254-4	7.515	6.464	3412924	14935198	53.486	40.633
30)	L6 AR-1254-5	7.931	6.881	4380720	14900727	53.986	37.906 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

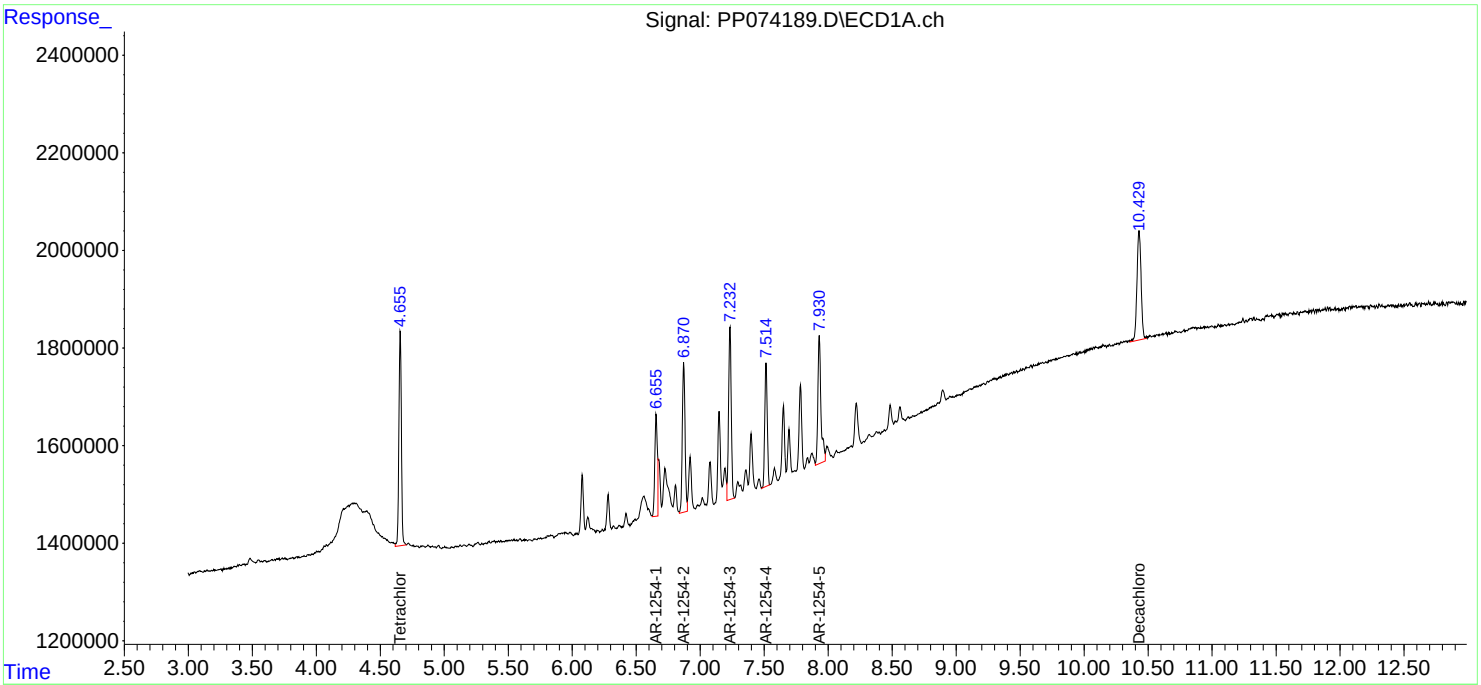
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

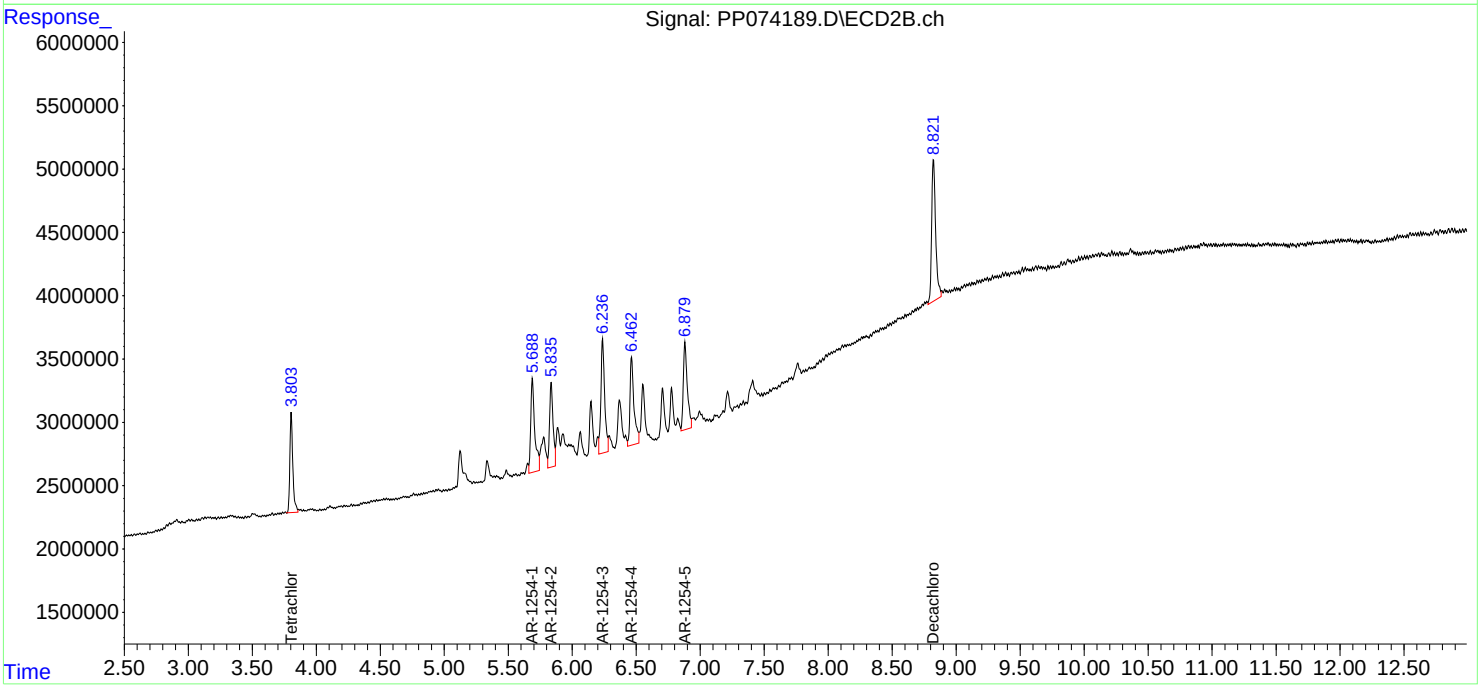
Manual Integrations APPROVED

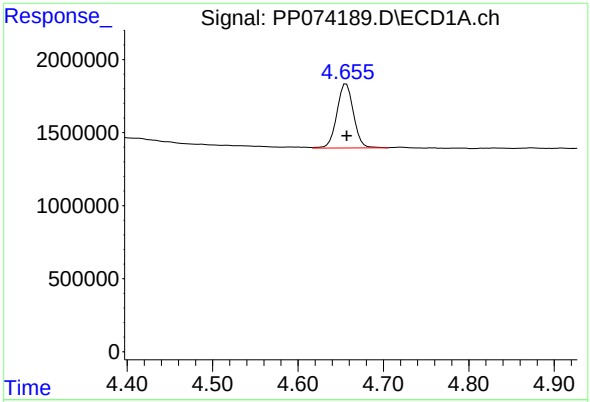
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 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







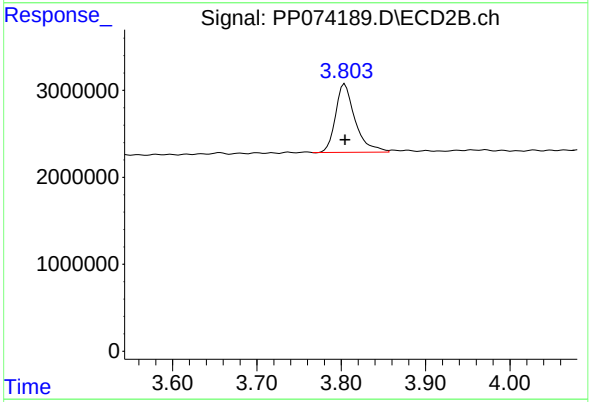
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

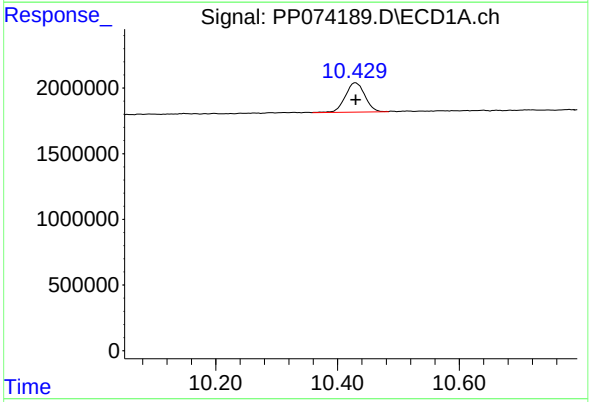
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



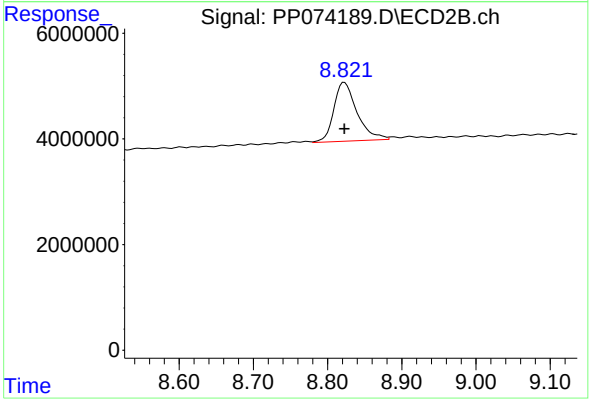
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



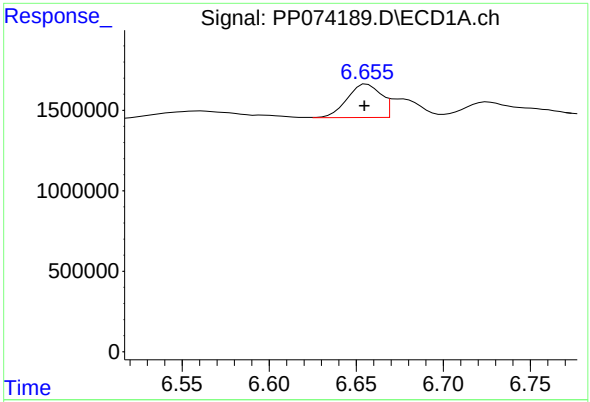
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



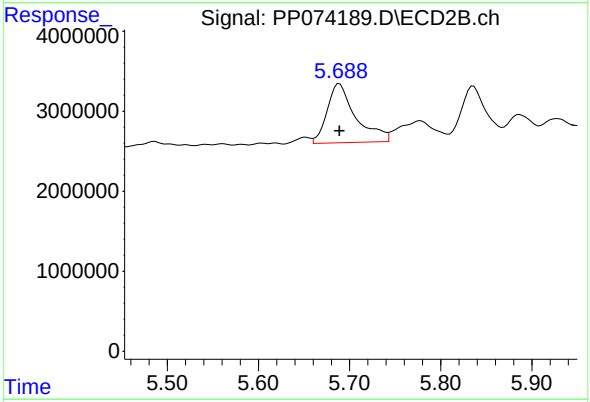
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 2796732
Conc: 51.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

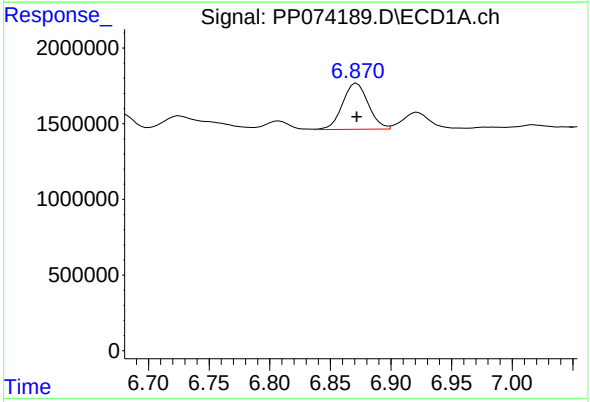
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



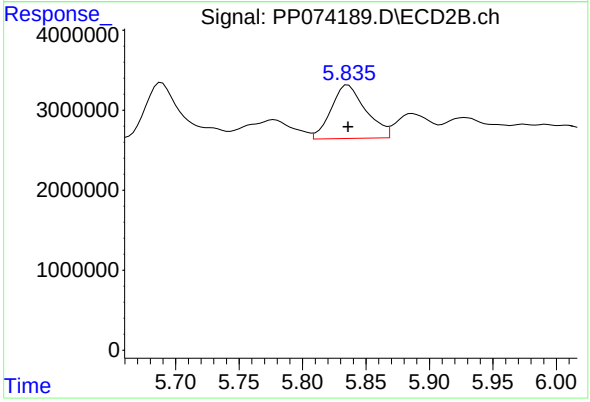
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



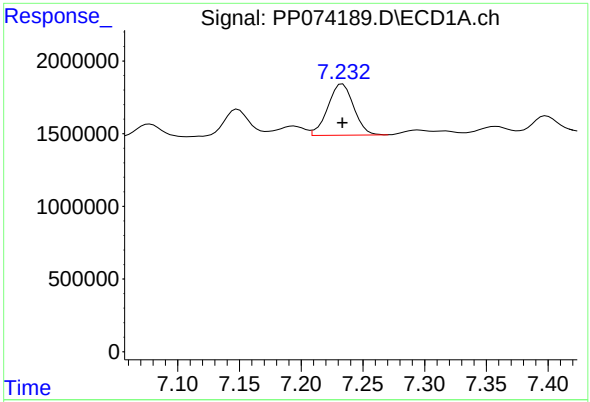
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



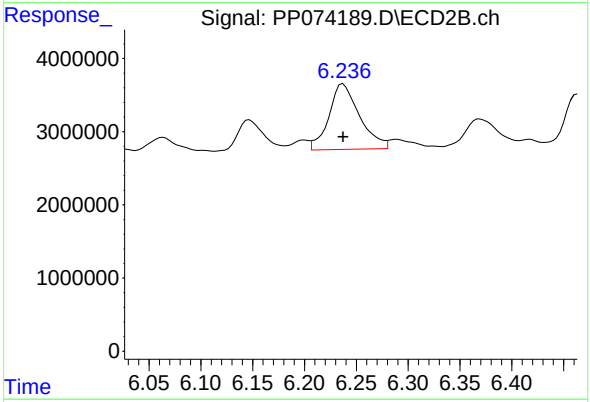
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

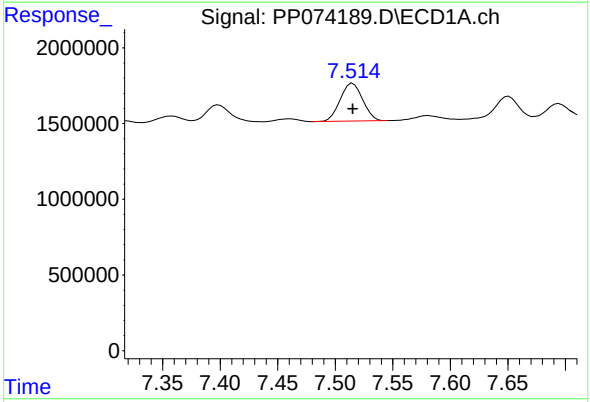
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



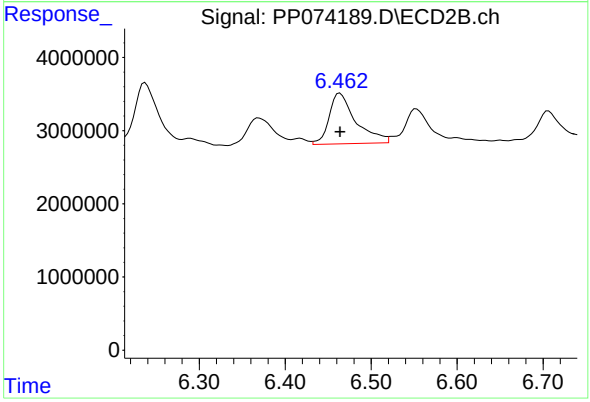
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



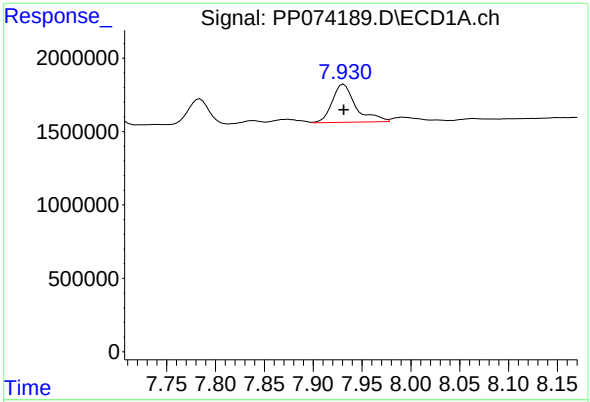
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



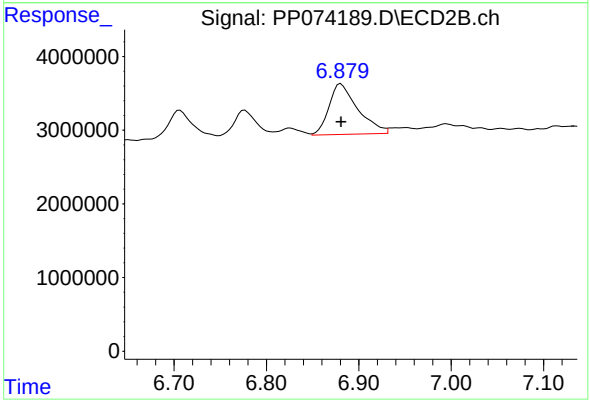
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 4380720
Conc: 53.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 14900727
Conc: 37.91 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
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: Aug 02 01:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:10:03 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...	4.657	3.802	54354703	199.7E6	50.000	50.000
2)	SA Decachlor...	10.430	8.820	48321379	306.6E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.237	6.917	37894848	281.6E6	500.000	500.000
37)	L8 AR-1262-2	8.562	7.176	65215013	200.5E6	500.000	500.000
38)	L8 AR-1262-3	8.888	7.698	47035440	179.7E6	500.000	500.000
39)	L8 AR-1262-4	8.974	7.761	36425846	333.5E6	500.000	500.000
40)	L8 AR-1262-5	9.645	8.255	25461320	141.6E6	500.000	500.000

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

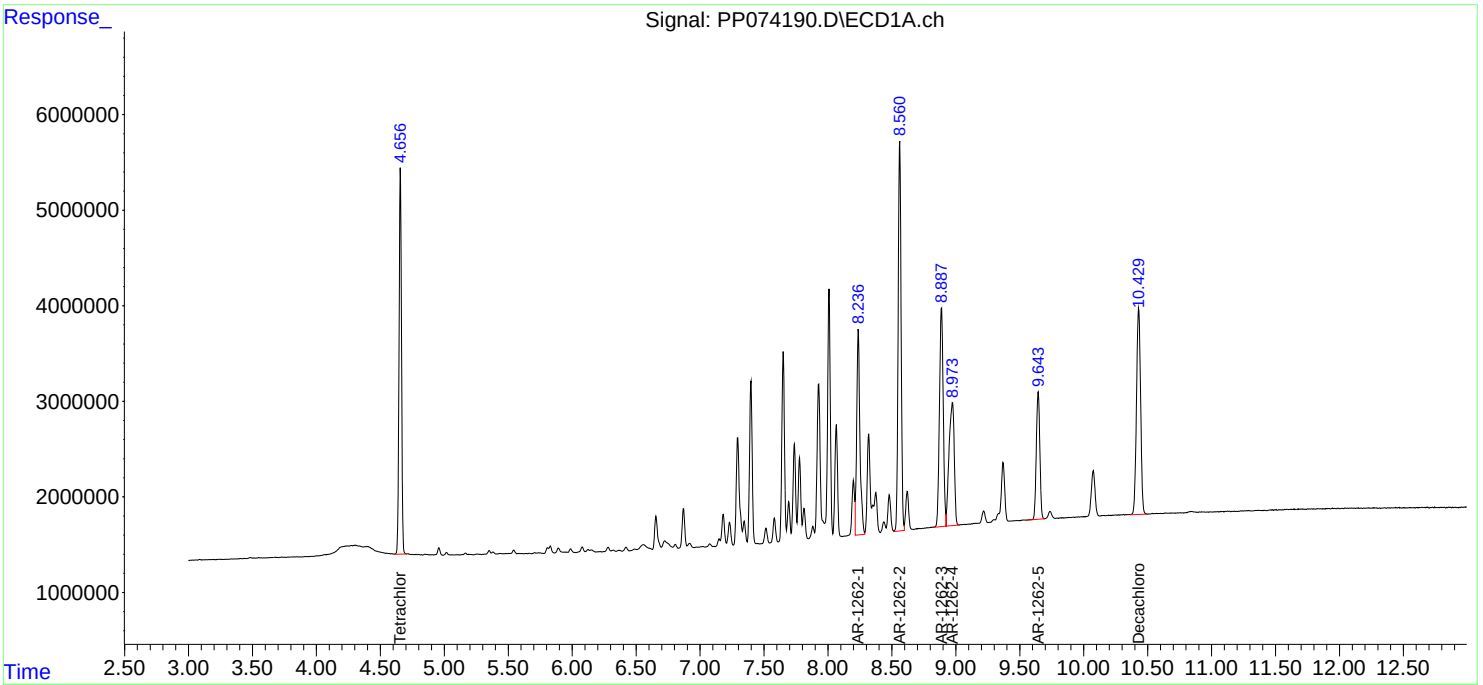
ICAL Form

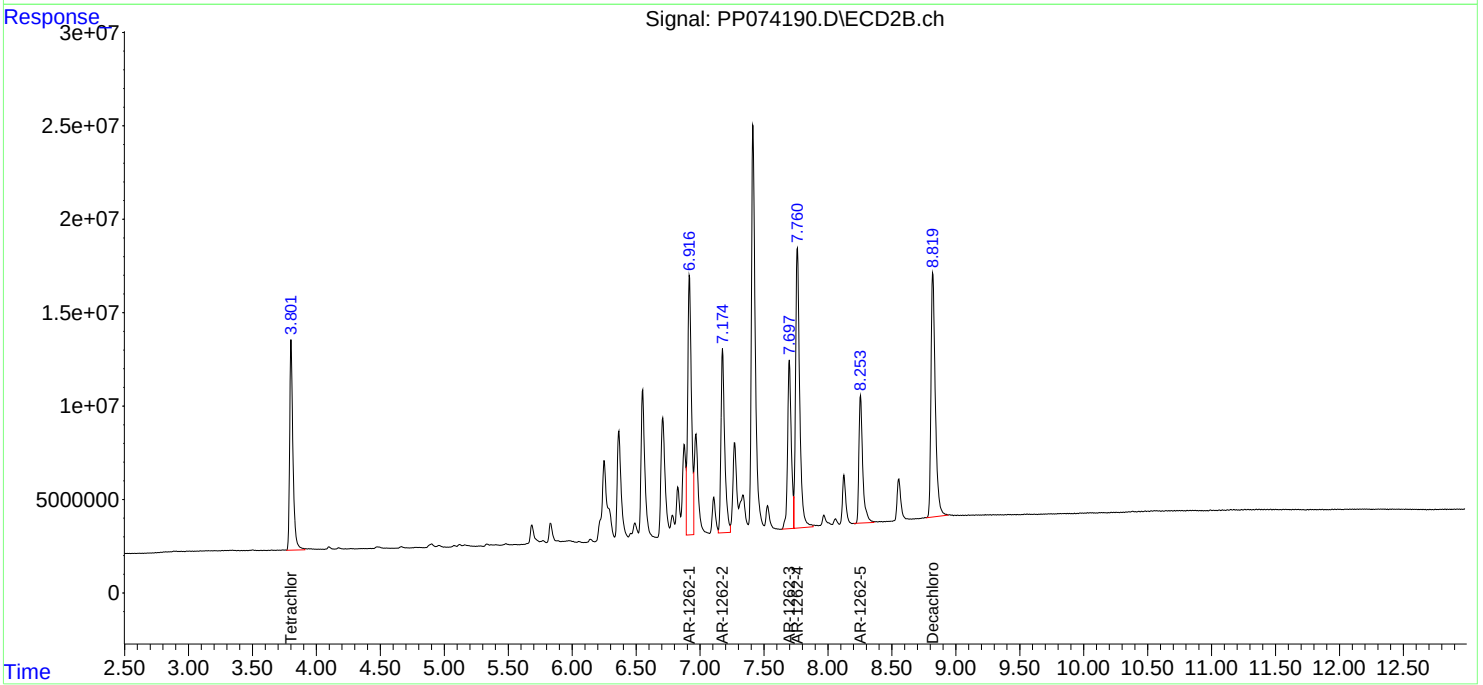
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

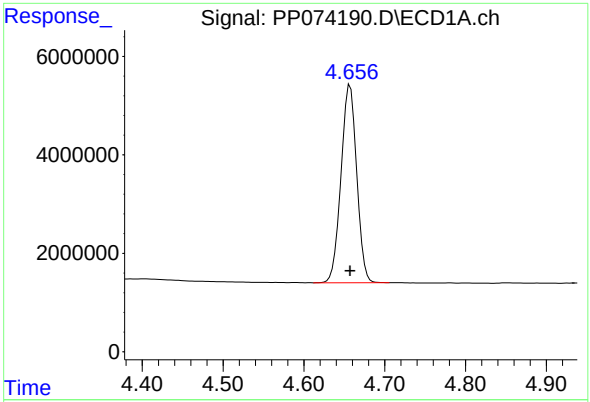
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:10:03 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



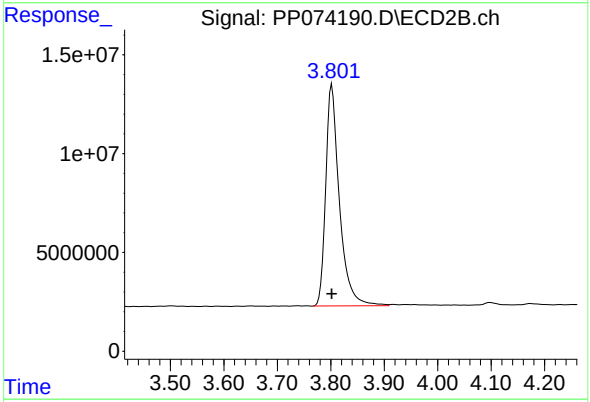




#1 Tetrachloro-m-xylene

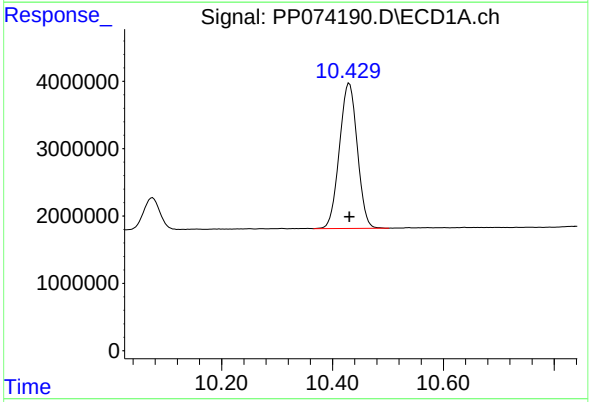
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 54354703
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



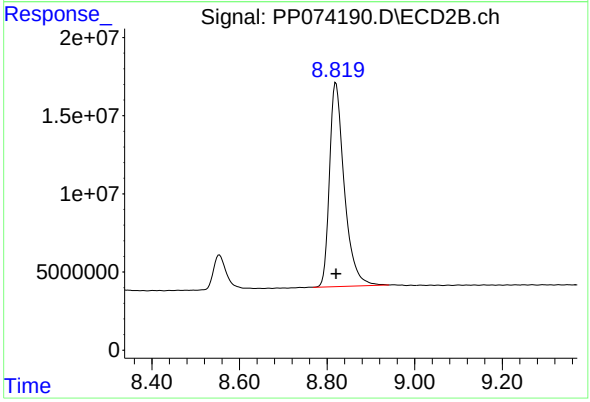
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 199655972
Conc: 50.00 ng/ml



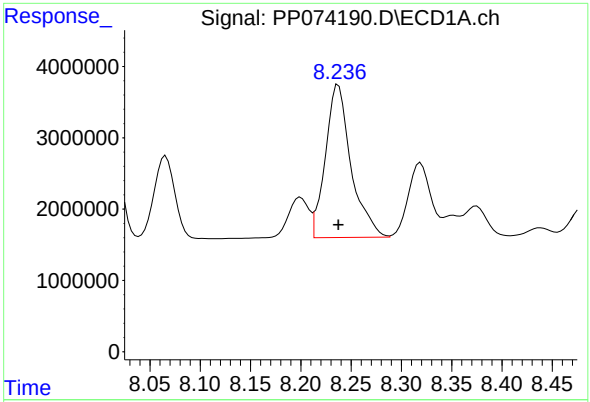
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 48321379
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

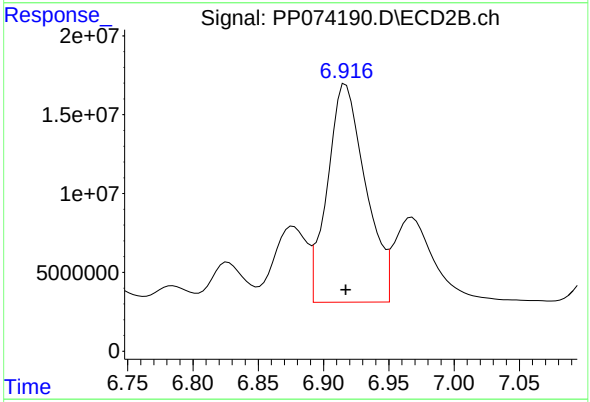
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 306598020
Conc: 50.00 ng/ml



#36 AR-1262-1

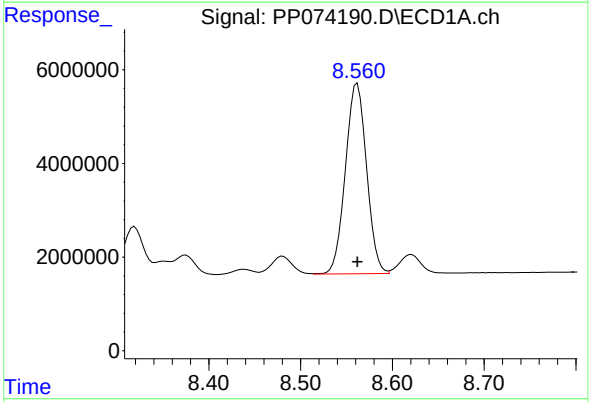
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 37894848
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



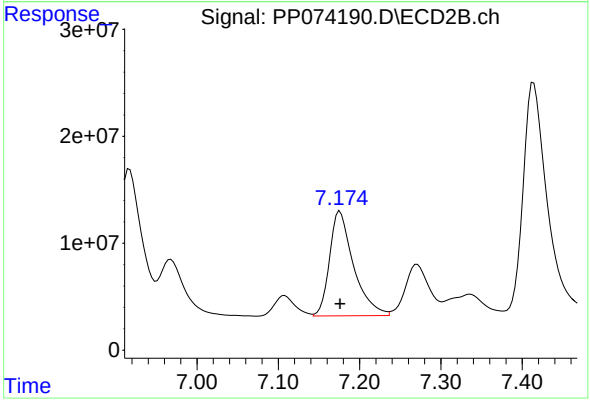
#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 281571248
Conc: 500.00 ng/ml



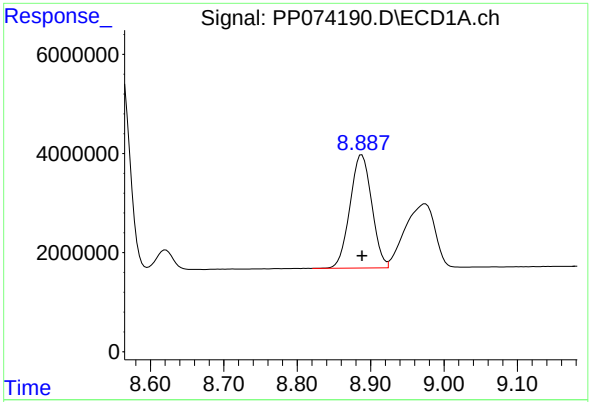
#37 AR-1262-2

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 65215013
Conc: 500.00 ng/ml



#37 AR-1262-2

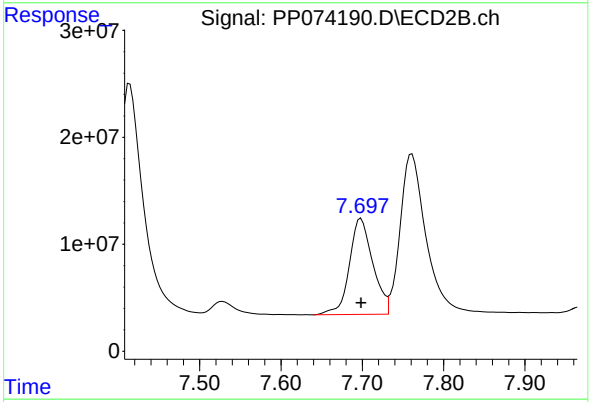
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 200511630
Conc: 500.00 ng/ml



#38 AR-1262-3

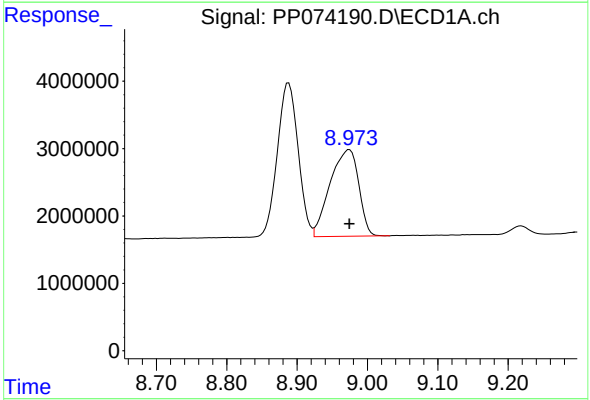
R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 47035440
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



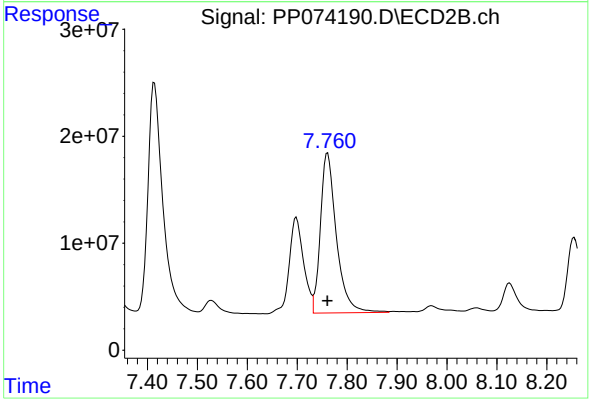
#38 AR-1262-3

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 179734932
Conc: 500.00 ng/ml



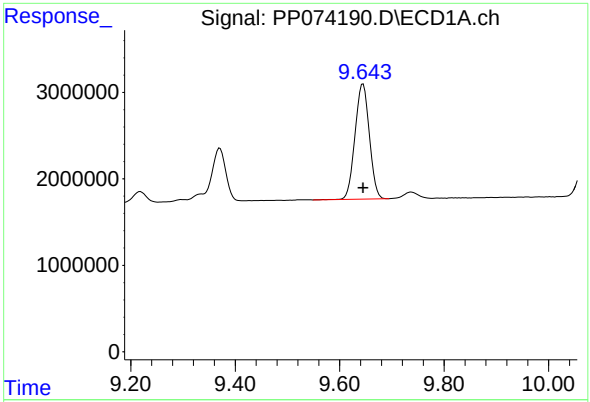
#39 AR-1262-4

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 36425846
Conc: 500.00 ng/ml



#39 AR-1262-4

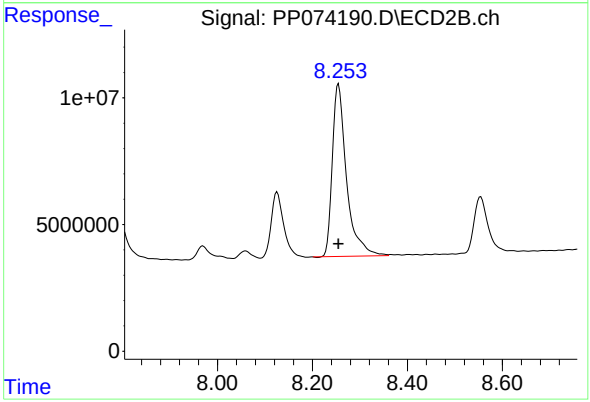
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 333460882
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.645 min
Delta R.T.: 0.000 min
Response: 25461320
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 141634065
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
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: Aug 02 01:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:13:43 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...	4.656	3.801	58418637	219.4E6	50.000	50.000
2)	SA Decachlor...	10.429	8.820	86270477	592.0E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.883	7.698	79013824	584.6E6	500.000	500.000
42)	L9 AR-1268-2	8.978	7.762	73014004	574.1E6	500.000	500.000
43)	L9 AR-1268-3	9.218	7.970	60700868	445.9E6	500.000	500.000
44)	L9 AR-1268-4	9.644	8.255	29824069	164.7E6	500.000	500.000
45)	L9 AR-1268-5	10.075	8.556	179.0E6	1386.1E6	500.000	500.000

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

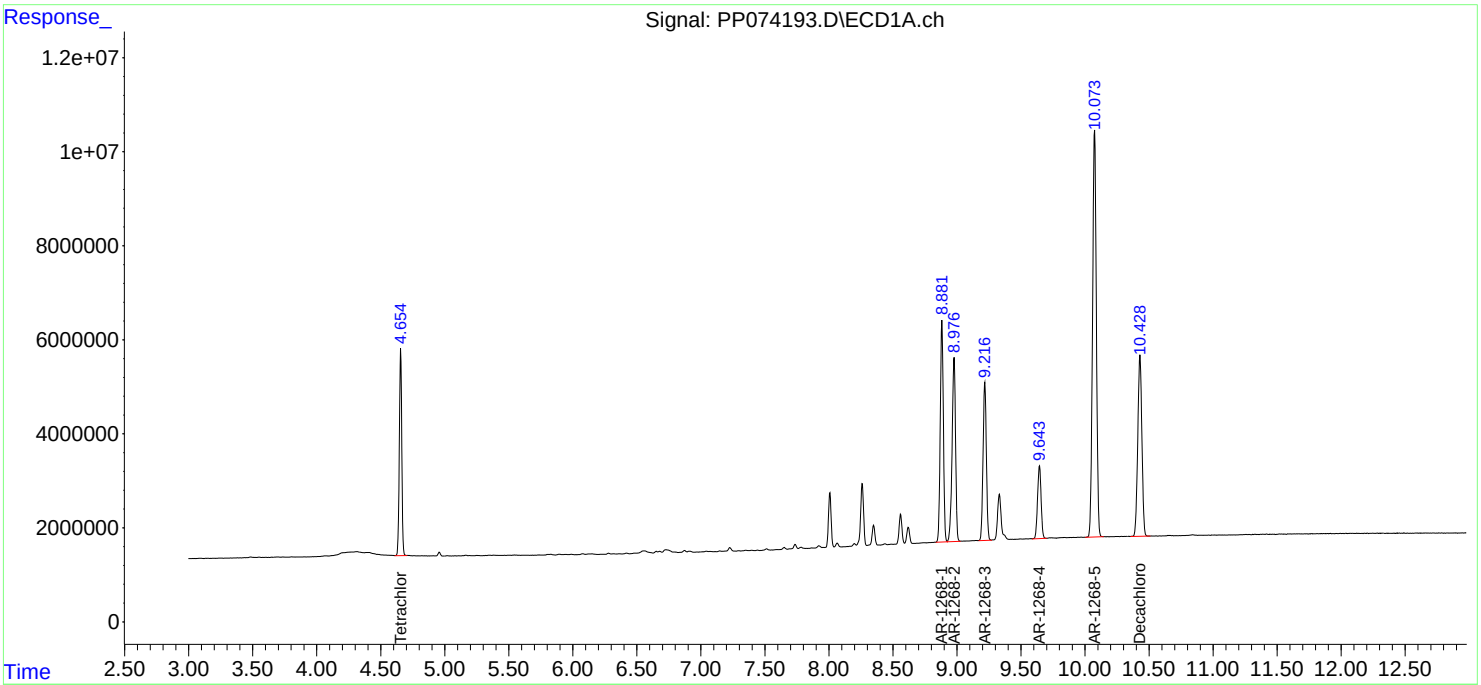
ICAL Form

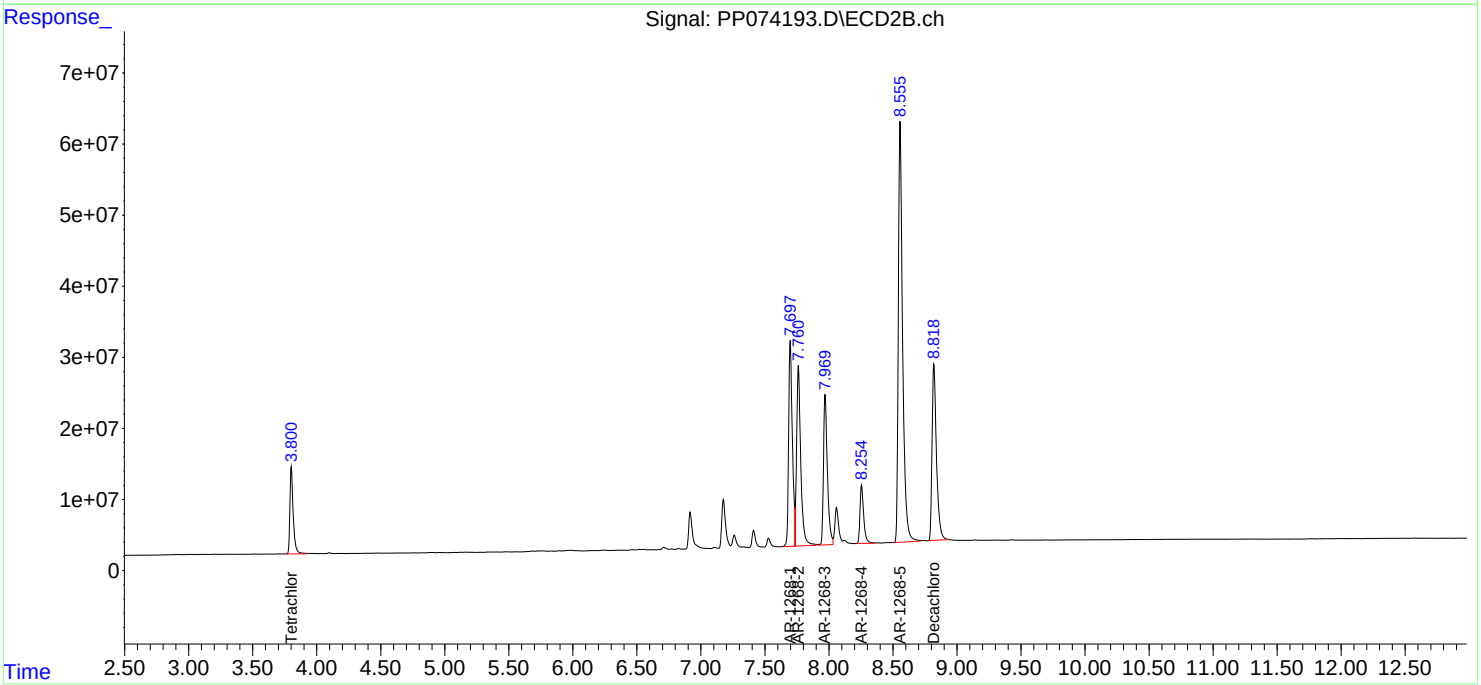
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

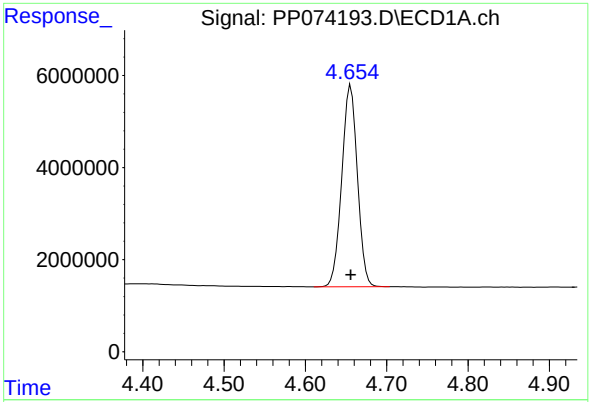
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:13:43 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



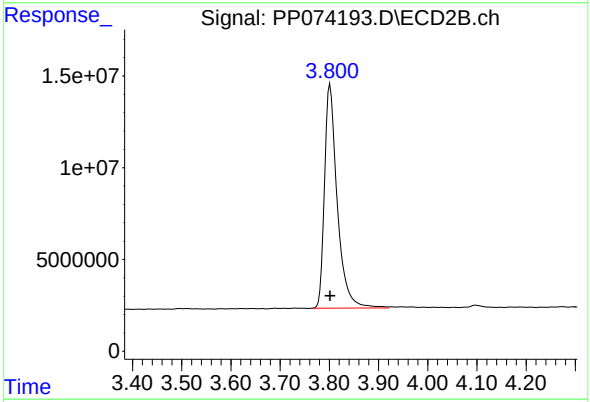




#1 Tetrachloro-m-xylene

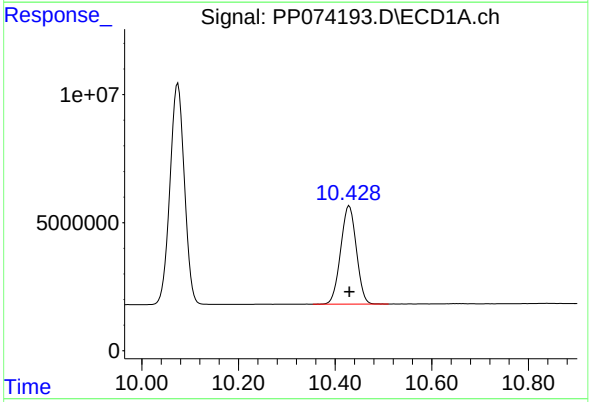
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 58418637
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



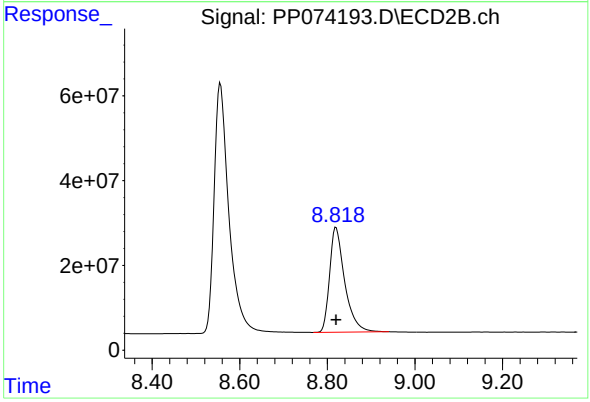
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 219400957
Conc: 50.00 ng/ml



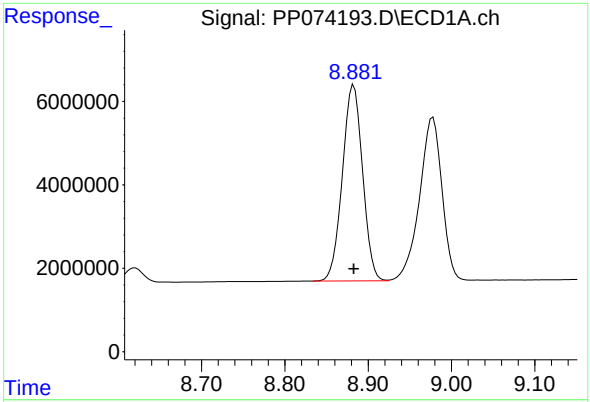
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 86270477
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

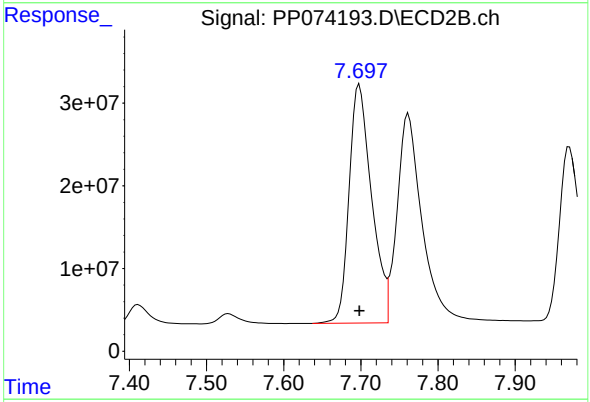
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 591964965
Conc: 50.00 ng/ml



#41 AR-1268-1

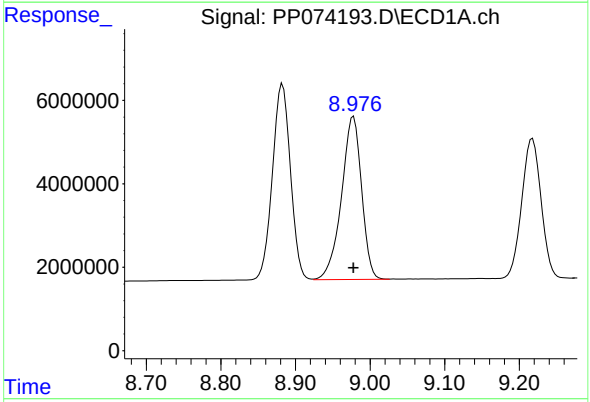
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 79013824
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



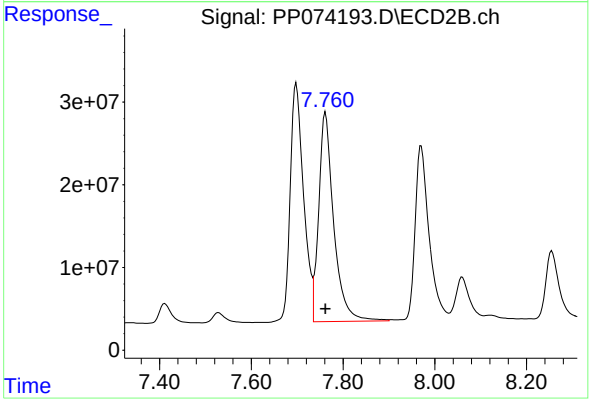
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 584610148
Conc: 500.00 ng/ml



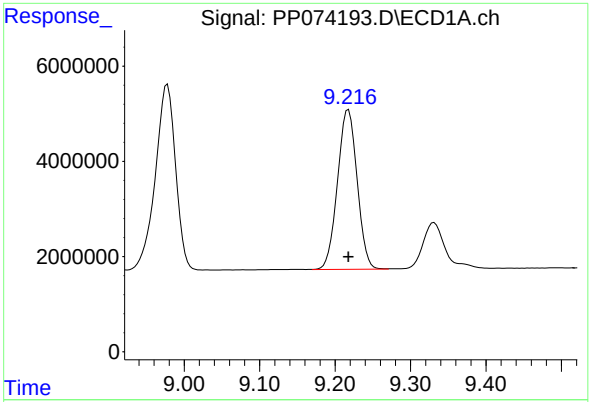
#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 73014004
Conc: 500.00 ng/ml



#42 AR-1268-2

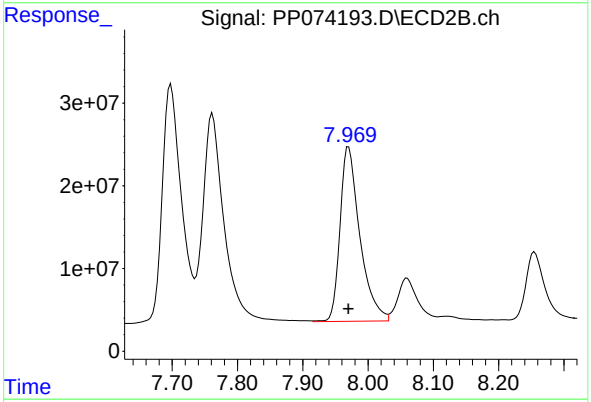
R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 574066353
Conc: 500.00 ng/ml



#43 AR-1268-3

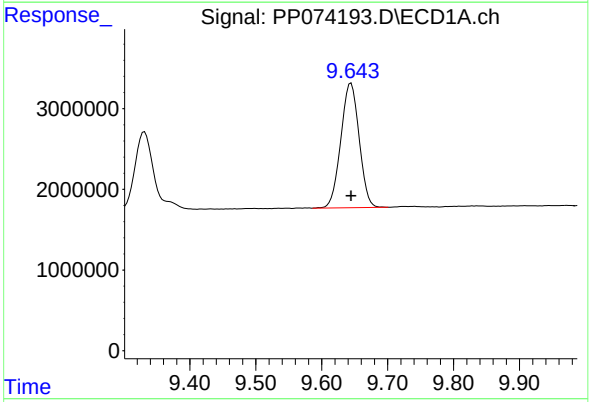
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 60700868
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



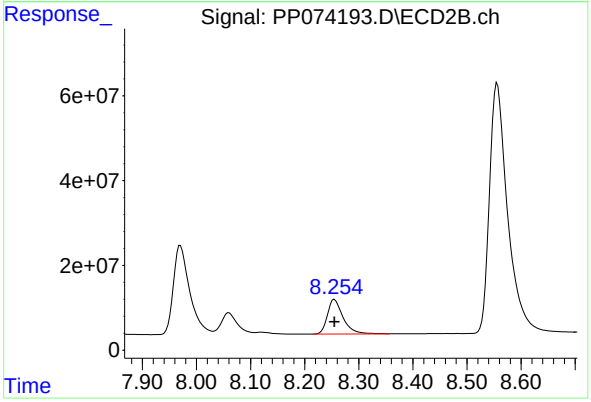
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 445933310
Conc: 500.00 ng/ml



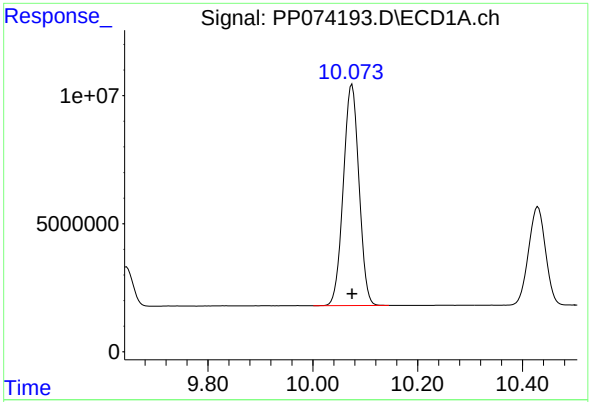
#44 AR-1268-4

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 29824069
Conc: 500.00 ng/ml



#44 AR-1268-4

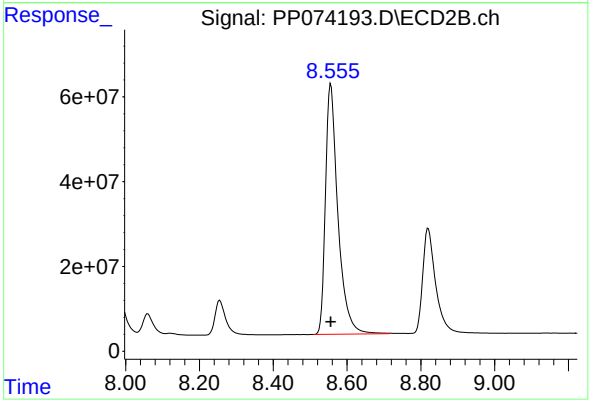
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 164734669
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 178970338
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 1386149287
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP\AJ
Sample : PP080125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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...	4.659	3.806	53809613	192.5E6	48.117	50.193
2)	SA Decachlor...	10.433	8.823	46918201	290.2E6	48.311	48.263
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.906	19711119	191.3E6	477.766	479.651
4)	L1 AR-1016-2	5.831	4.963	29290082	90085682	482.207	479.666
5)	L1 AR-1016-3	5.894	5.083	19171615	49893167	483.393	470.381
6)	L1 AR-1016-4	5.991	5.124	15834175	51335124	486.540	470.016
7)	L1 AR-1016-5	6.283	5.338	15788703	57011251	486.284	487.429
31)	L7 AR-1260-1	7.400	6.554	27159073	192.5E6	481.919	476.633
32)	L7 AR-1260-2	7.653	6.708	31876376	149.4E6	467.722	477.644
33)	L7 AR-1260-3	8.010	6.918	25282960	196.9E6	474.388	499.492
34)	L7 AR-1260-4	8.239	7.178	29964985	140.7E6	478.559	483.661
35)	L7 AR-1260-5	8.563	7.417	53436862	370.6E6	471.620	489.248

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

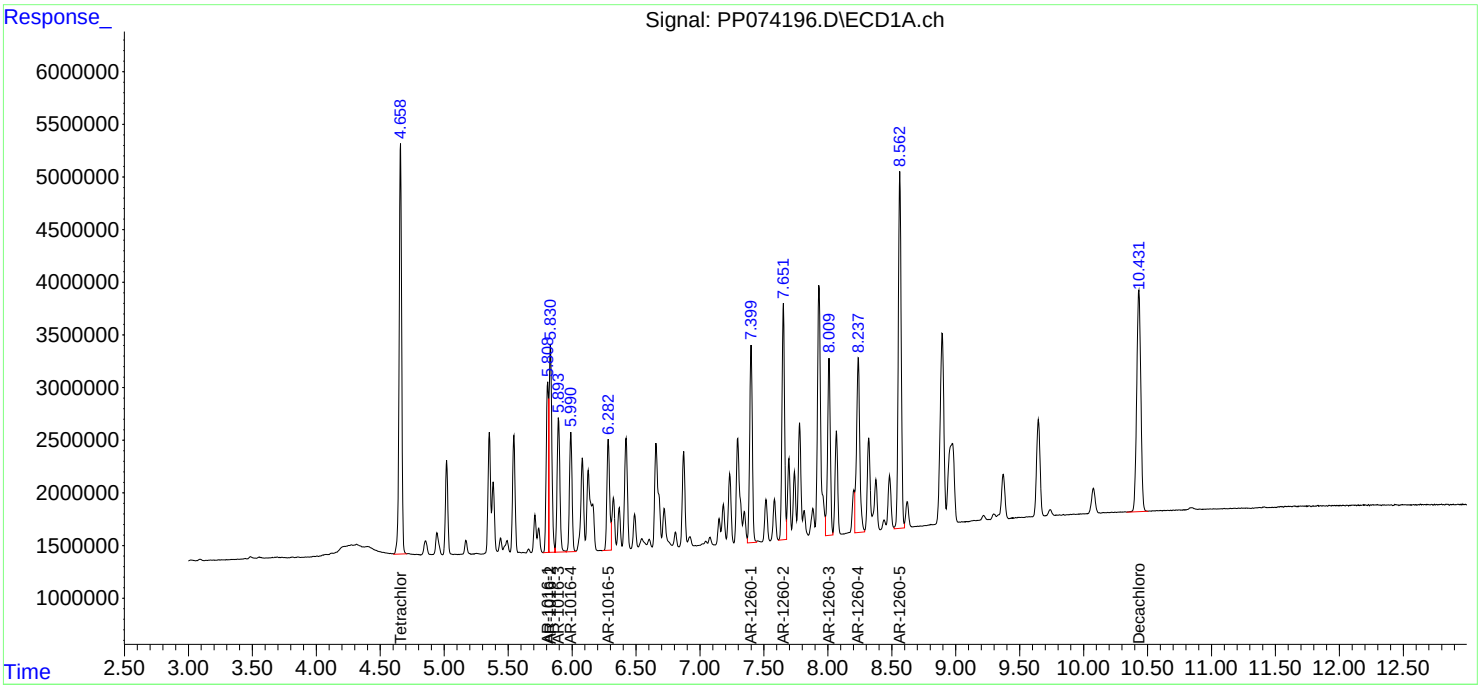
ICAL Form

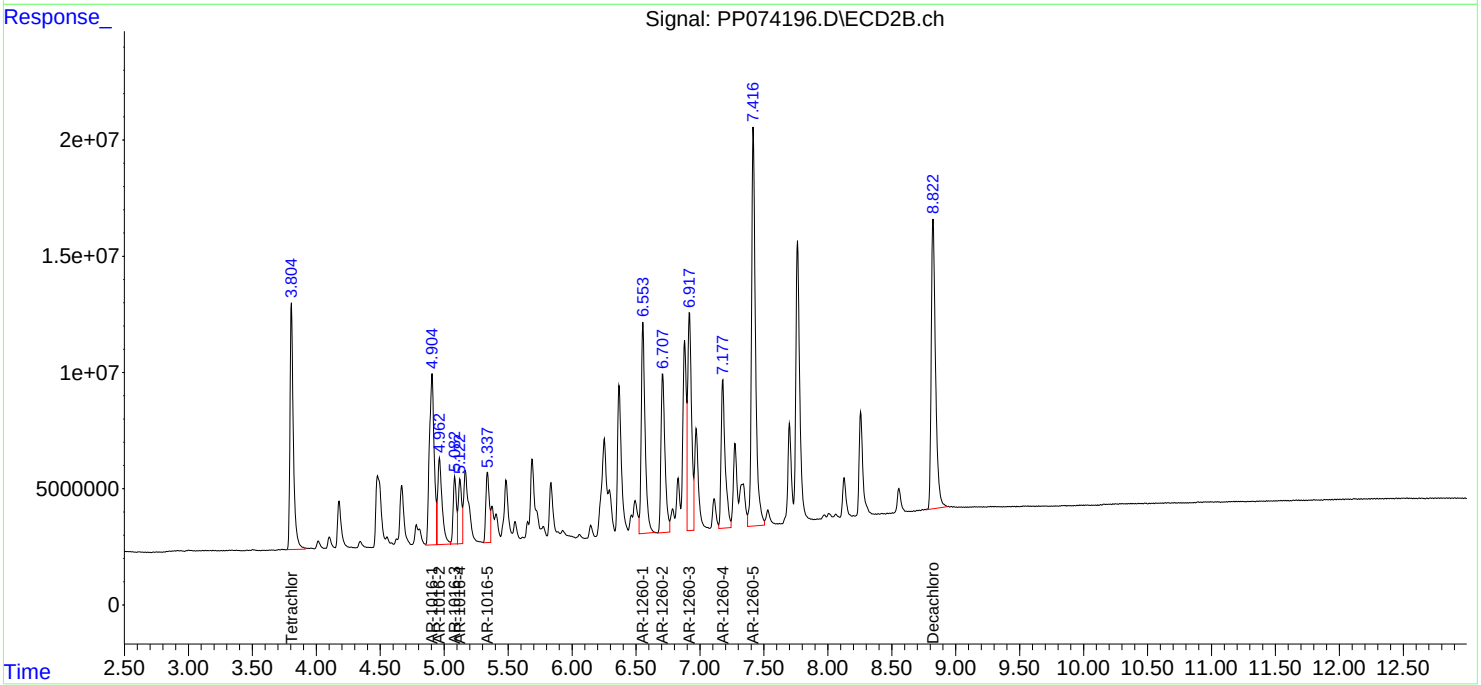
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP\AJ
Sample : PP080125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

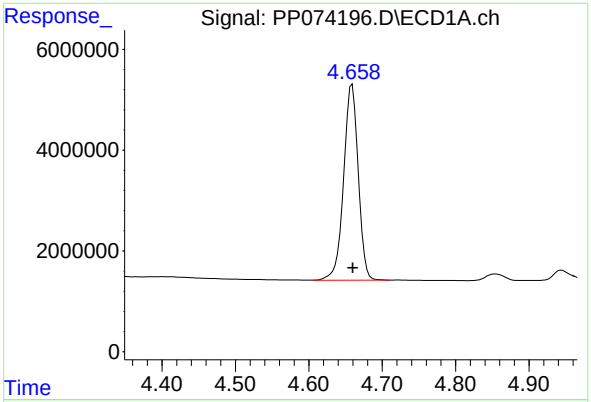
Instrument :
ECD_P
ClientSampleId :
ICVPP080125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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



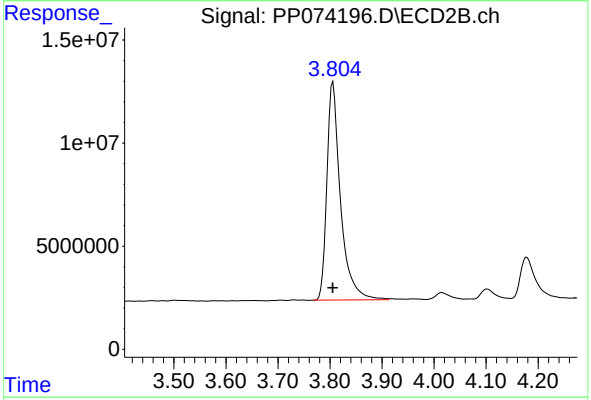




#1 Tetrachloro-m-xylene

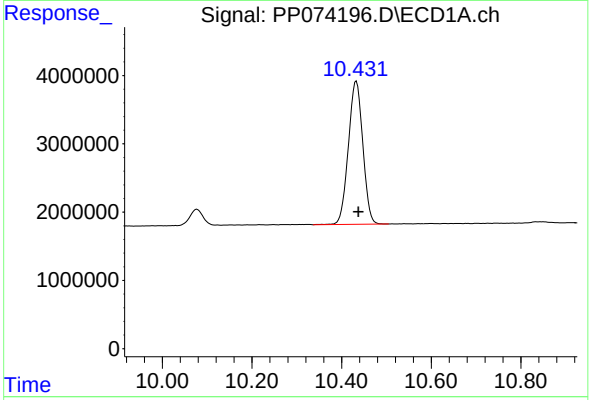
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 53809613
Conc: 48.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



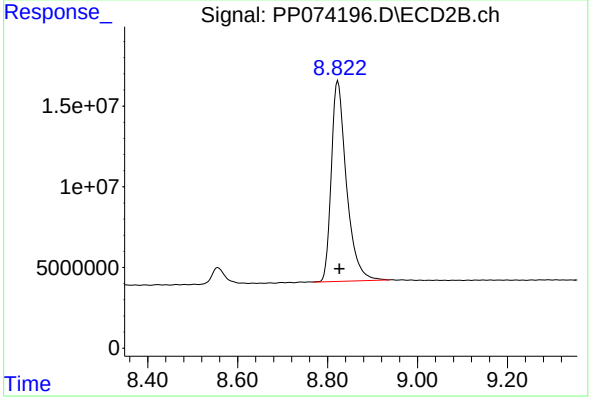
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 192460994
Conc: 50.19 ng/ml



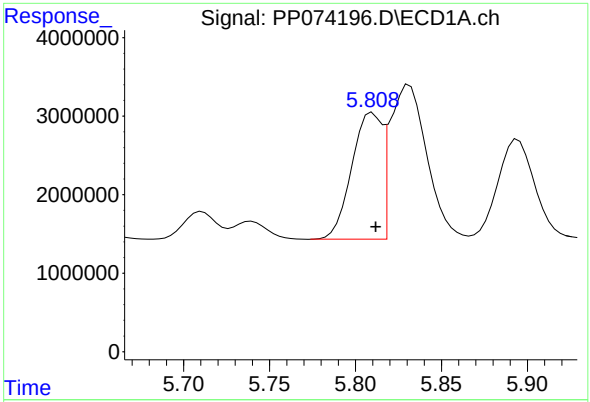
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.004 min
Response: 46918201
Conc: 48.31 ng/ml



#2 Decachlorobiphenyl

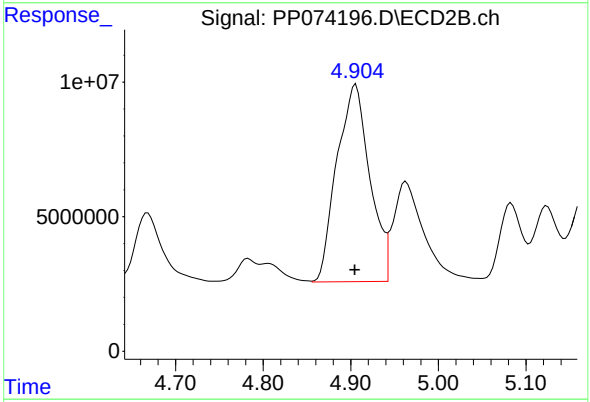
R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 290236674
Conc: 48.26 ng/ml



#3 AR-1016-1

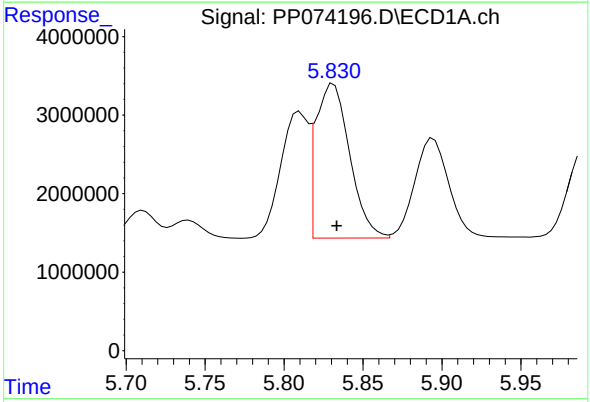
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 19711119
Conc: 477.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



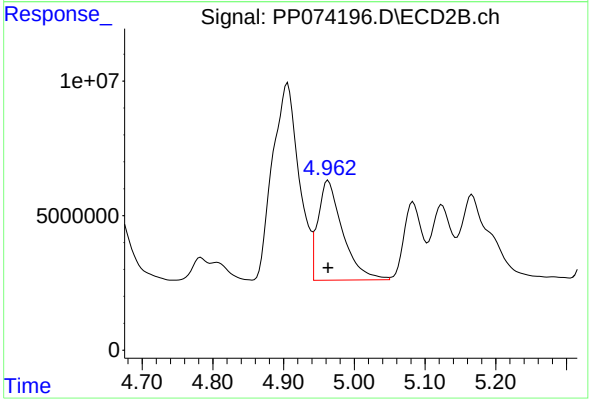
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.001 min
Response: 191326645
Conc: 479.65 ng/ml



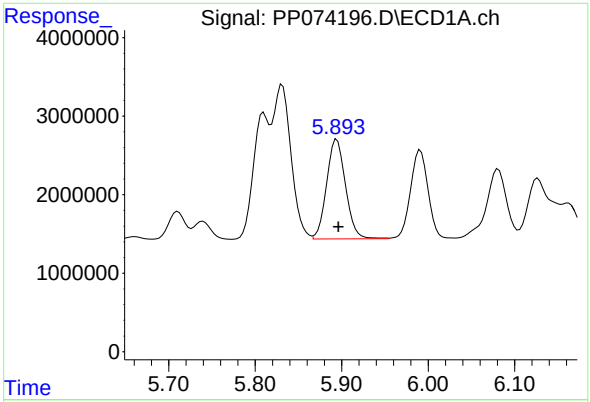
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 29290082
Conc: 482.21 ng/ml



#4 AR-1016-2

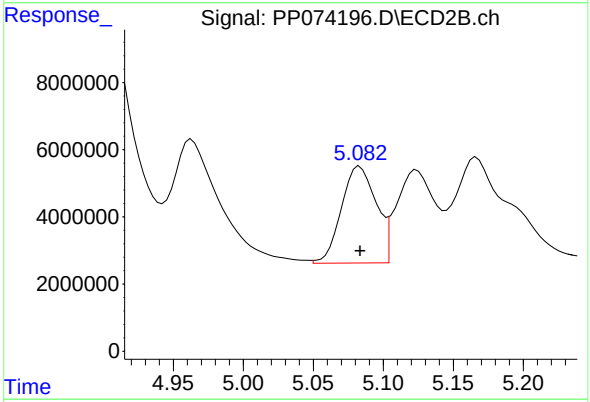
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 90085682
Conc: 479.67 ng/ml



#5 AR-1016-3

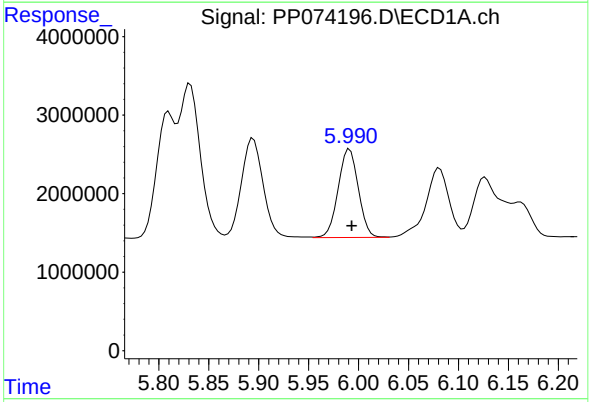
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 19171615
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



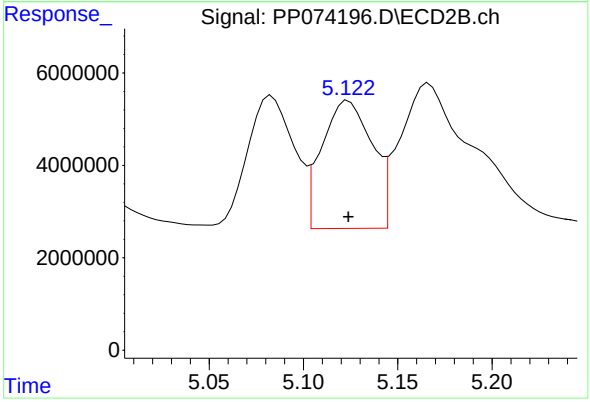
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 49893167
Conc: 470.38 ng/ml



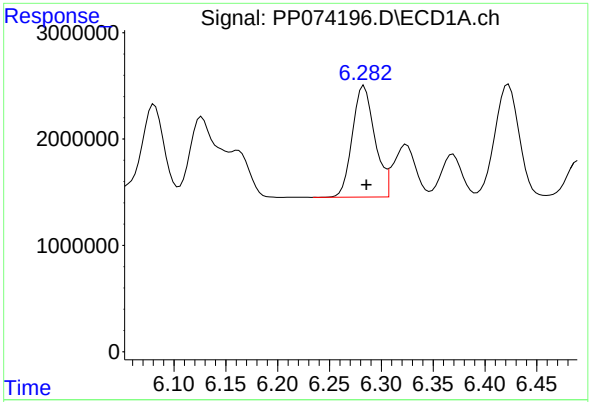
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 15834175
Conc: 486.54 ng/ml



#6 AR-1016-4

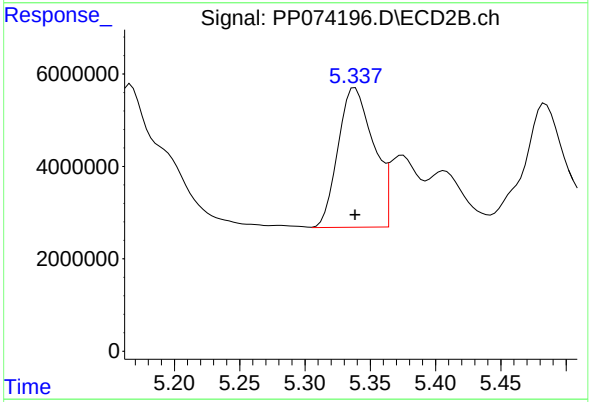
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 51335124
Conc: 470.02 ng/ml



#7 AR-1016-5

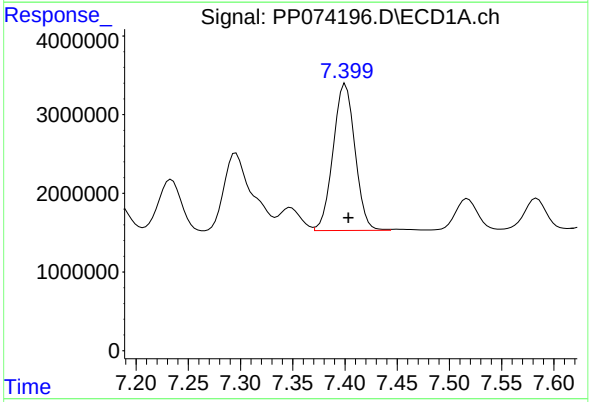
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 15788703
Conc: 486.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



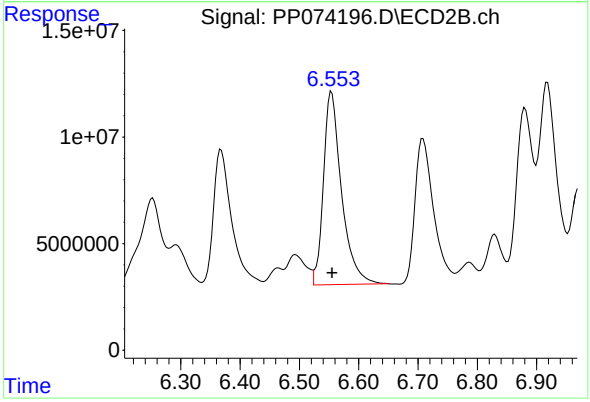
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 57011251
Conc: 487.43 ng/ml



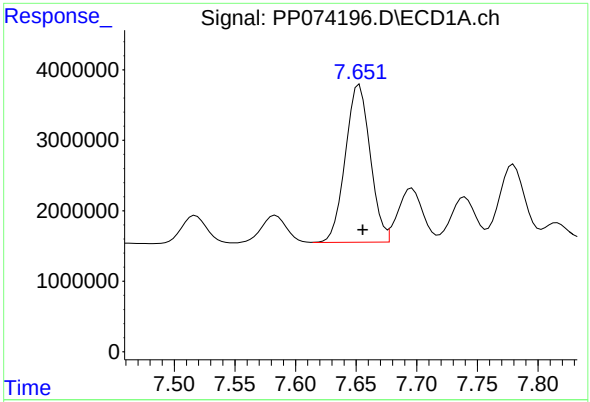
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 27159073
Conc: 481.92 ng/ml



#31 AR-1260-1

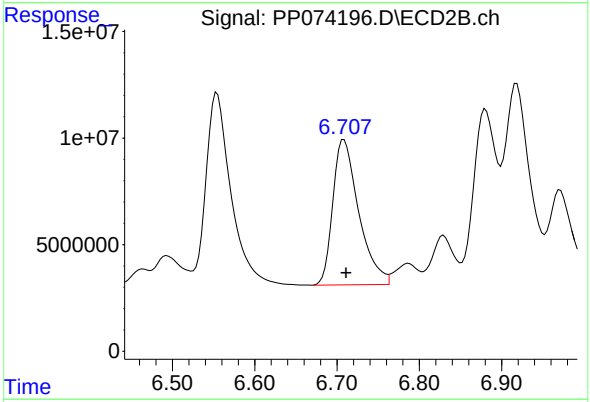
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 192539458
Conc: 476.63 ng/ml



#32 AR-1260-2

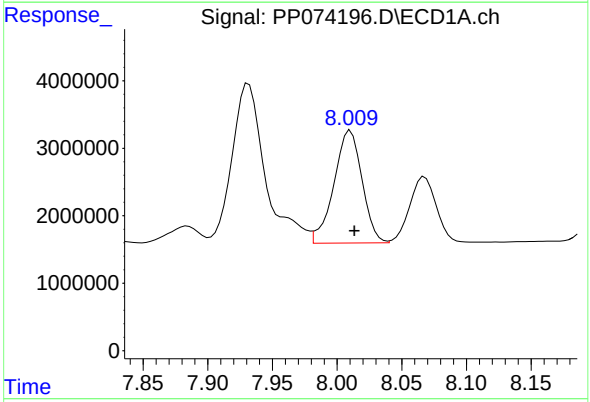
R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 31876376
Conc: 467.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



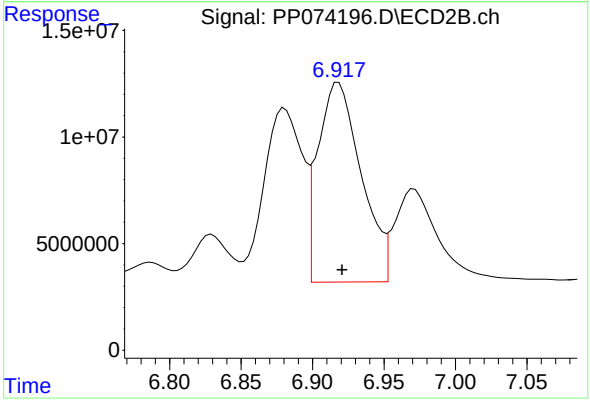
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 149358620
Conc: 477.64 ng/ml



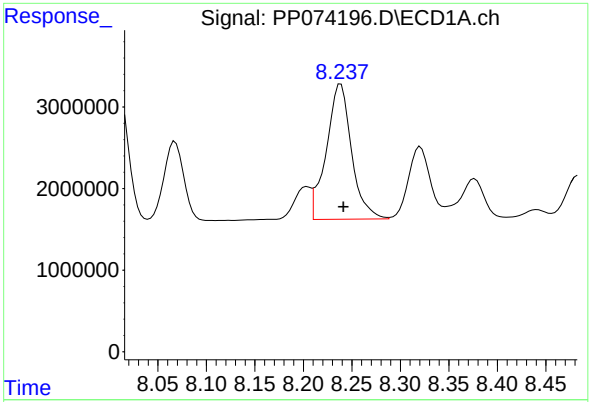
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 25282960
Conc: 474.39 ng/ml



#33 AR-1260-3

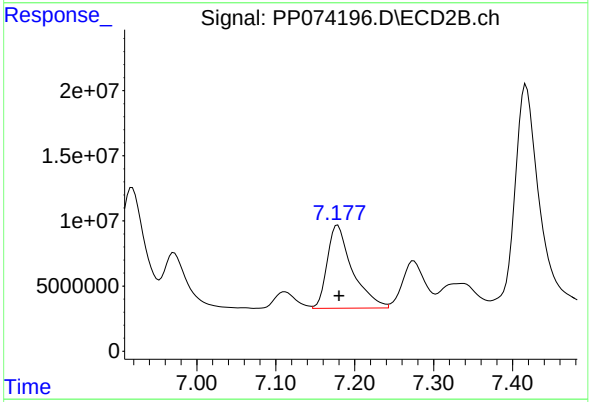
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 196859105
Conc: 499.49 ng/ml



#34 AR-1260-4

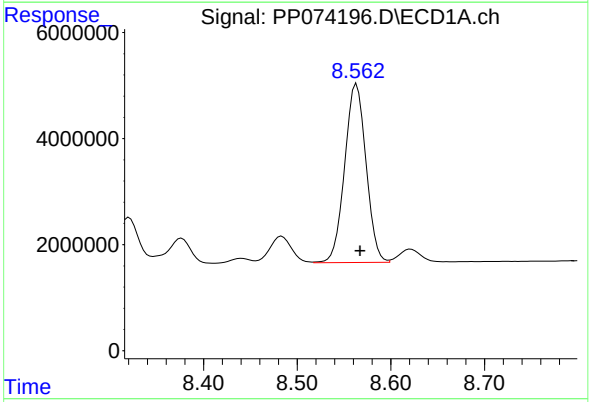
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 29964985
Conc: 478.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



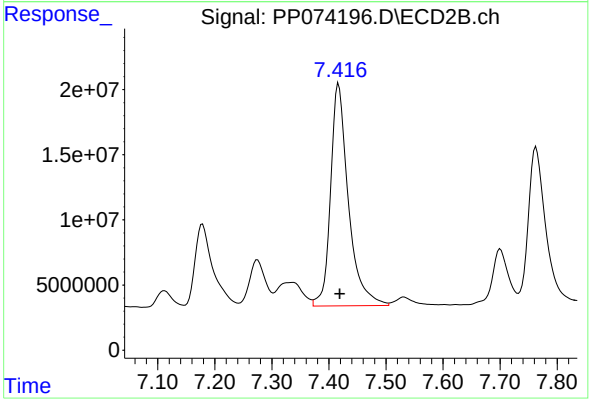
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 140735248
Conc: 483.66 ng/ml



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 53436862
Conc: 471.62 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 370561588
Conc: 489.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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...	4.655	3.804	55143327	198.9E6	49.310	51.866
2)	SA Decachlor...	10.427	8.822	47800939	295.6E6	49.220	49.156
	Target Compounds						
16)	L4 AR-1242-1	5.806	4.904	17499270	167.4E6	469.580	484.954
17)	L4 AR-1242-2	5.827	4.962	25894594	77861664	475.925	476.575
18)	L4 AR-1242-3	5.890	5.082	17050061	43676713	477.113	473.468
19)	L4 AR-1242-4	5.987	5.164	14124012	56465948	483.390	472.829m
20)	L4 AR-1242-5	6.716	5.686	16823190	70286035	473.119	469.952

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

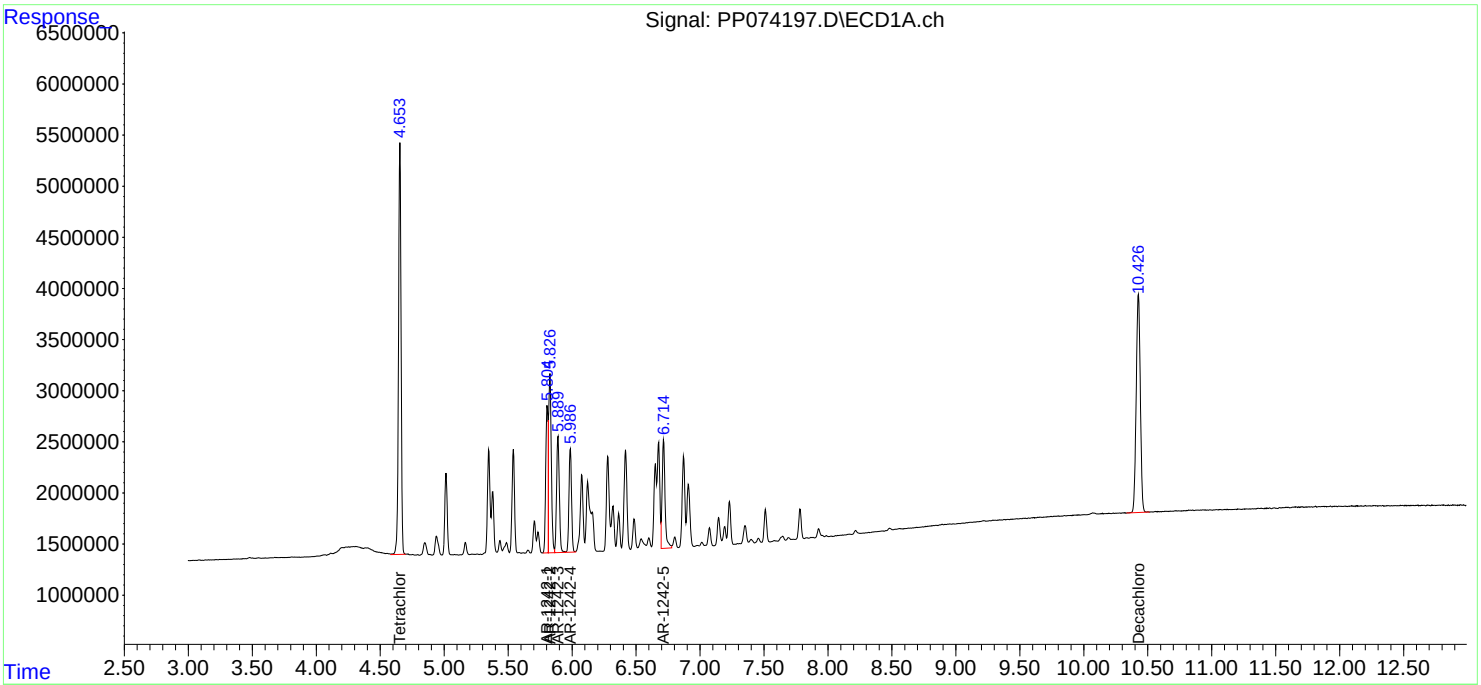
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

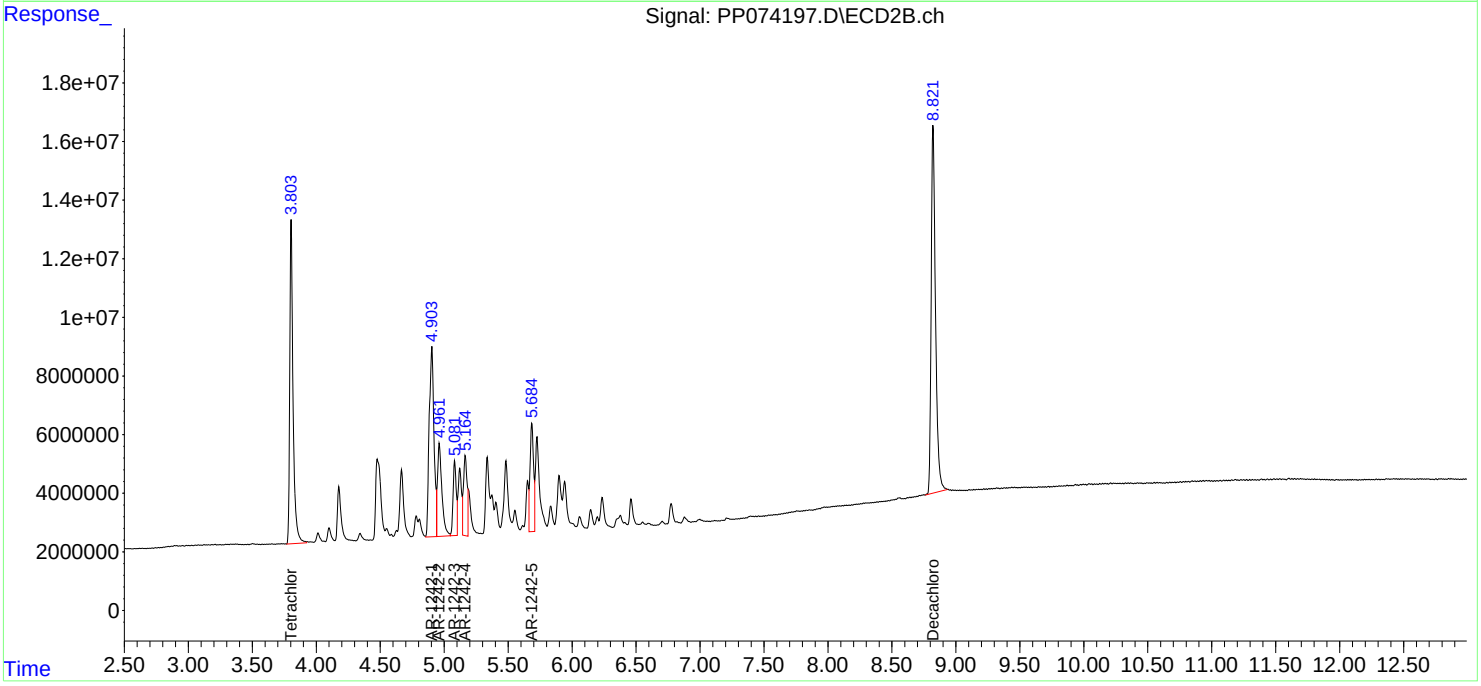
Manual Integrations APPROVED

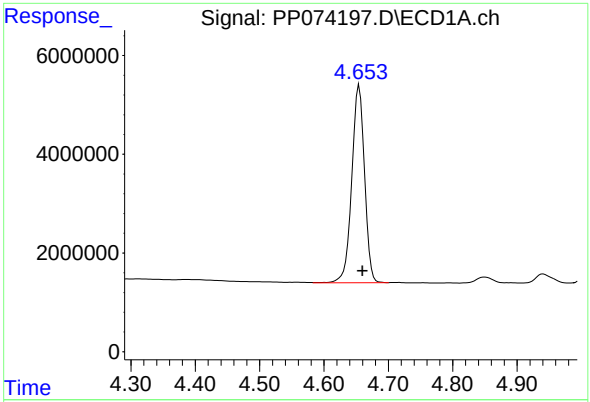
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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







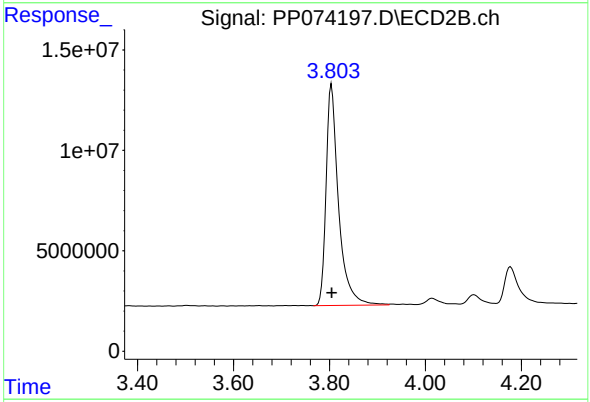
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

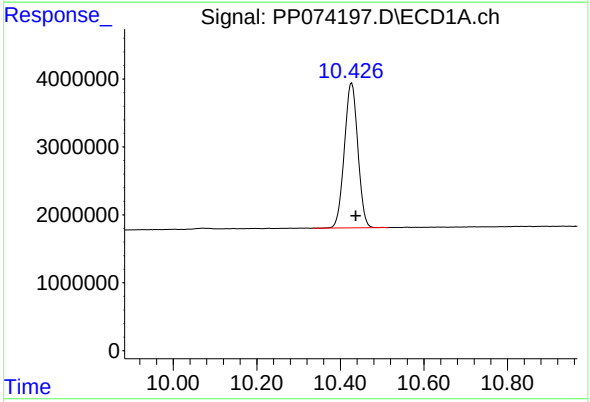
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



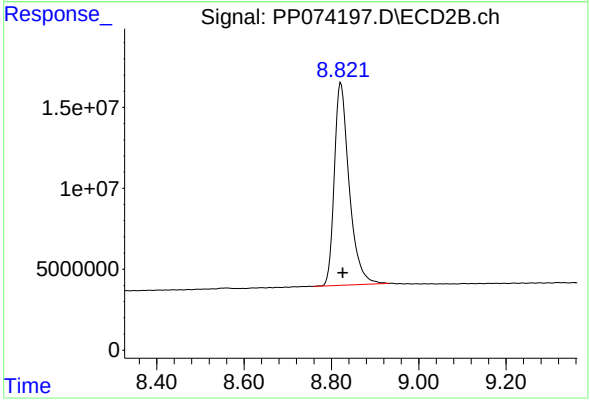
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



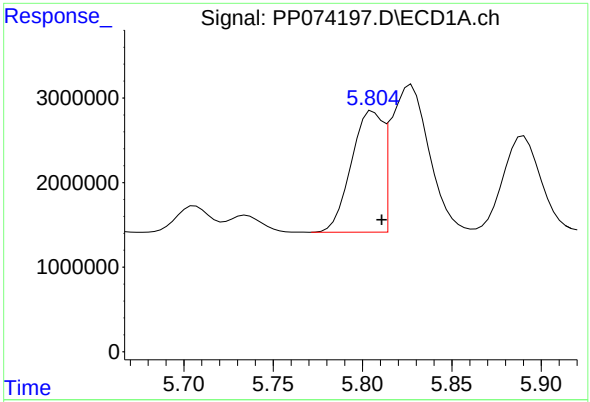
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



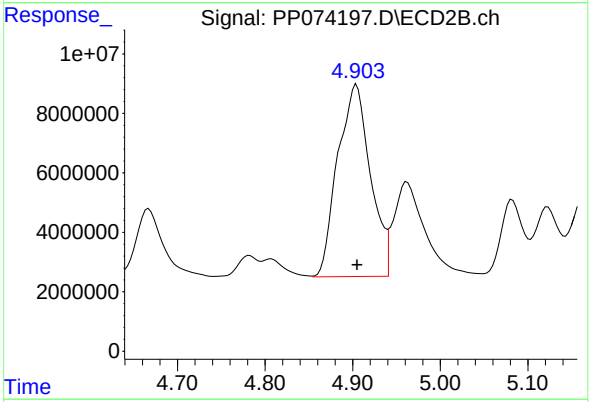
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

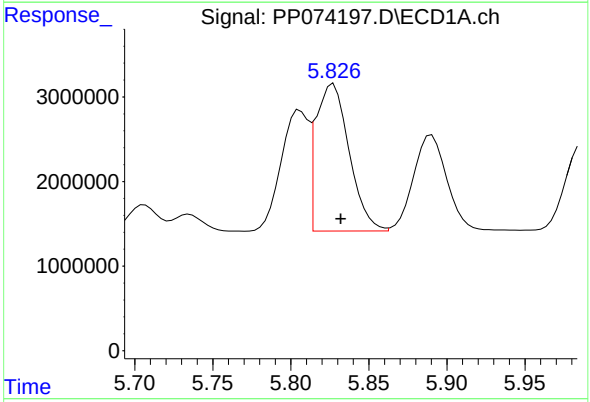
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



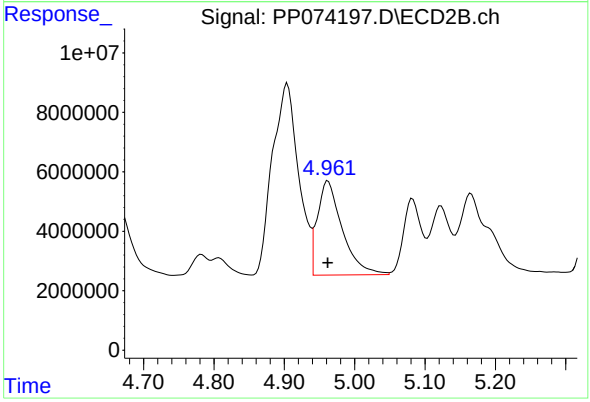
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



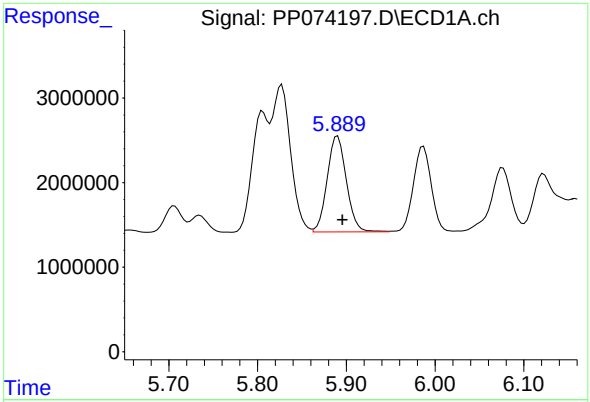
#17 AR-1242-2

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



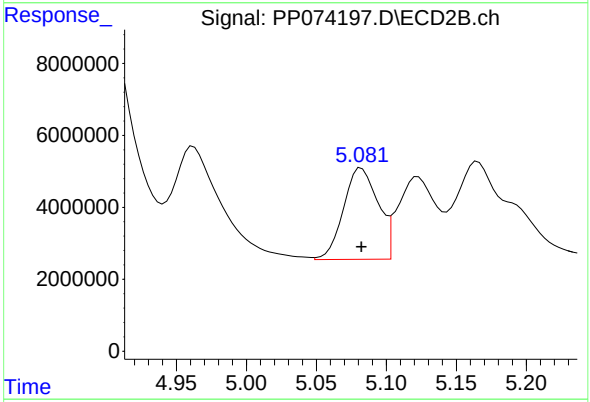
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

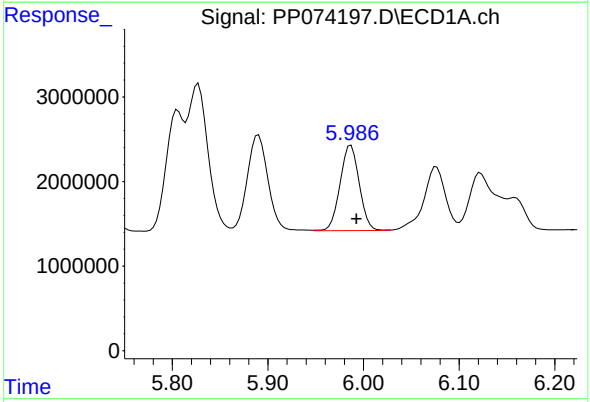
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



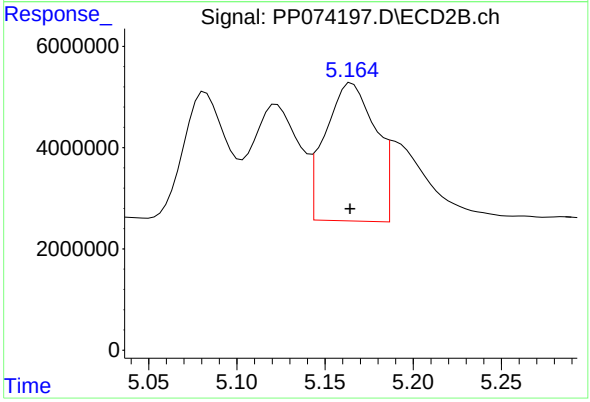
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



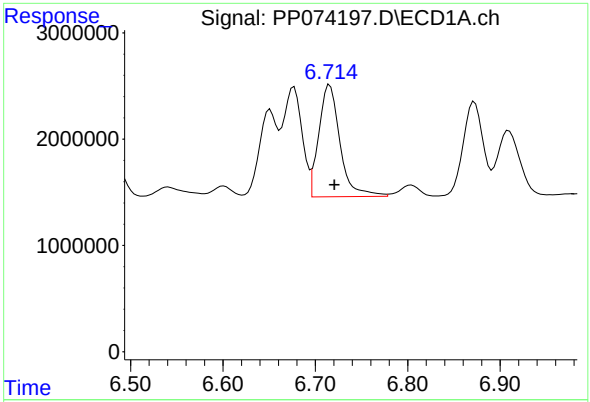
#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 56465948
Conc: 472.83 ng/ml m



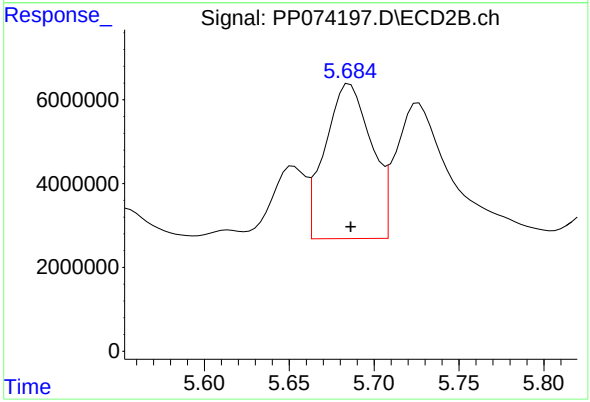
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.803	53831323	191.6E6	48.137	49.971
2)	SA Decachlor...	10.430	8.820	47450930	299.2E6	48.860	49.761
	Target Compounds						
26)	L6 AR-1254-1	6.654	5.686	27290919	178.5E6	518.434m	487.493
27)	L6 AR-1254-2	6.871	5.833	37599140	134.8E6	472.918	484.650
28)	L6 AR-1254-3	7.233	6.235	40597005	245.2E6	464.942	501.115
29)	L6 AR-1254-4	7.514	6.462	30708926	181.0E6	481.260	492.525
30)	L6 AR-1254-5	7.930	6.878	38809795	188.2E6	478.279	488.601

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

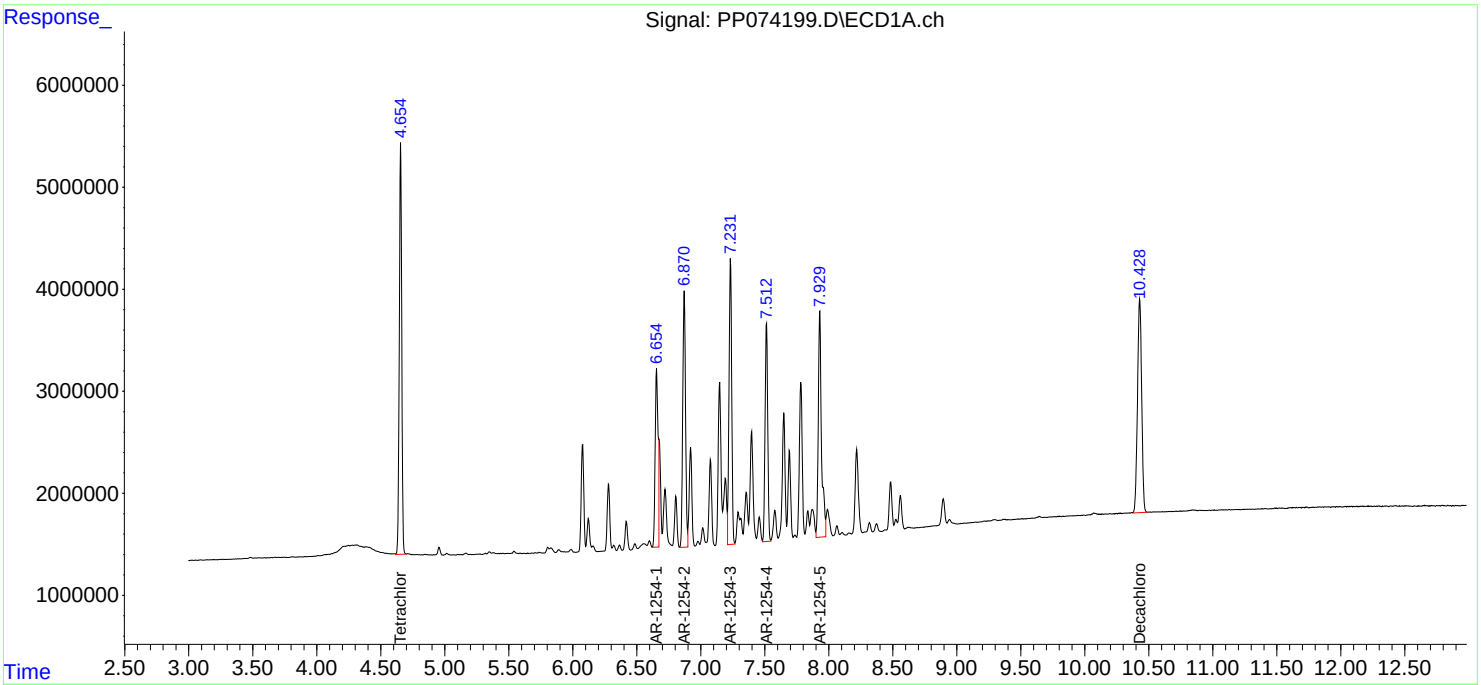
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

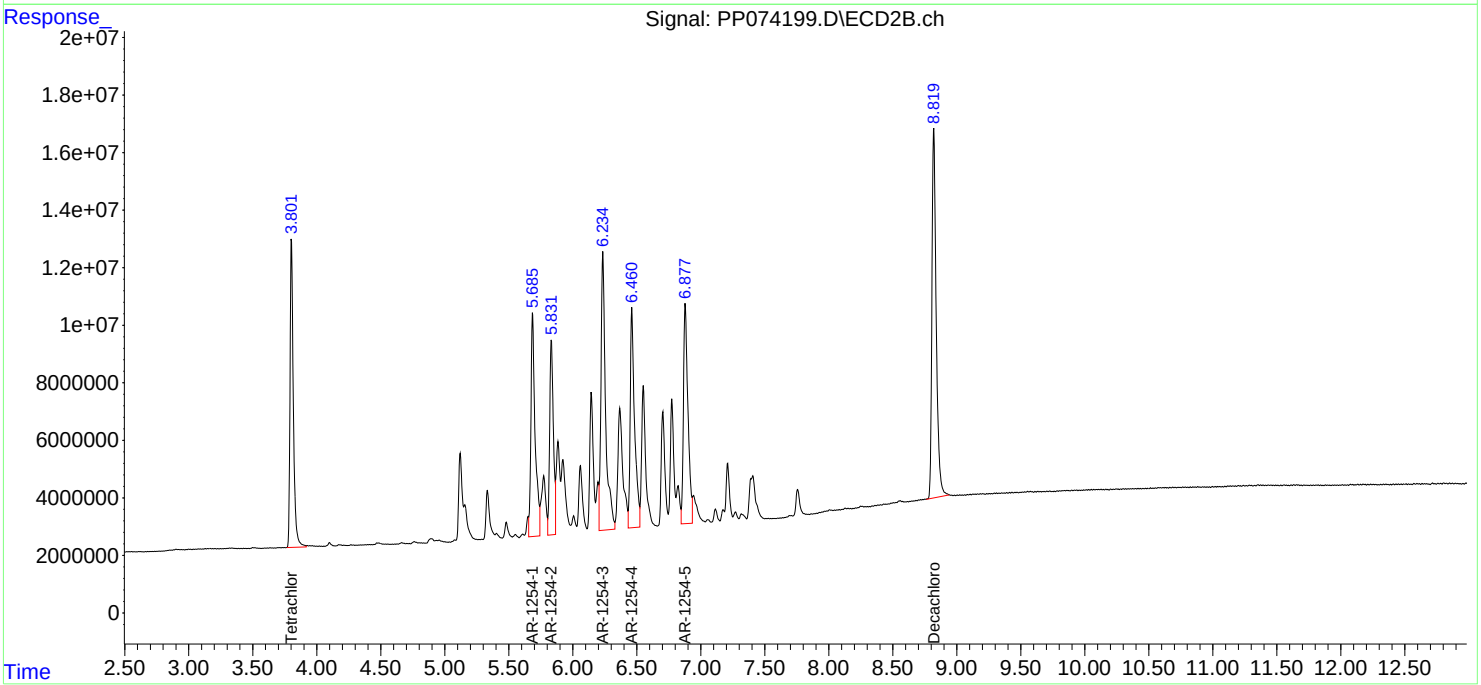
Manual Integrations APPROVED

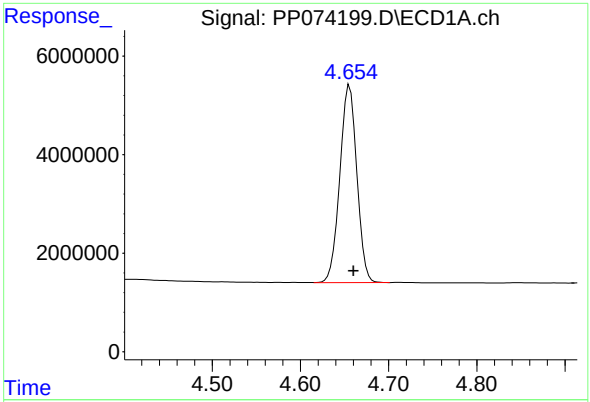
Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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







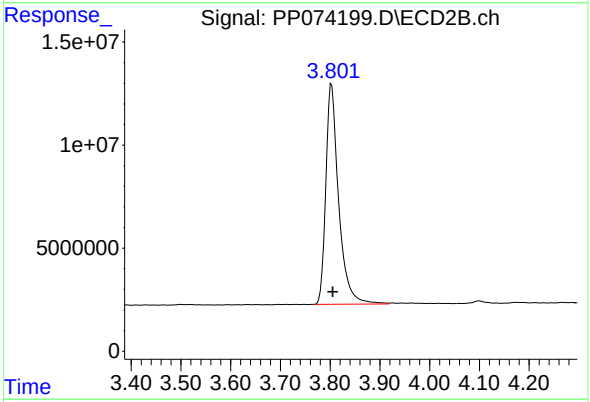
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

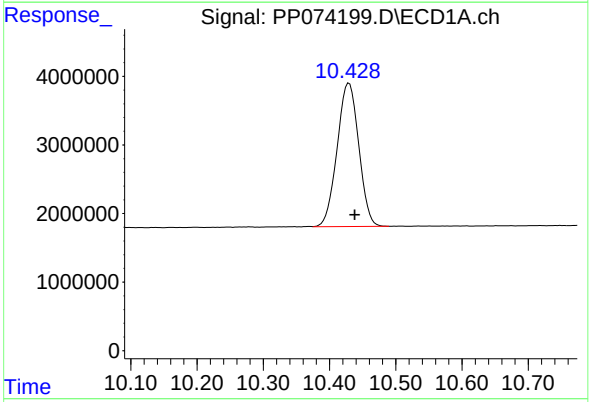
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



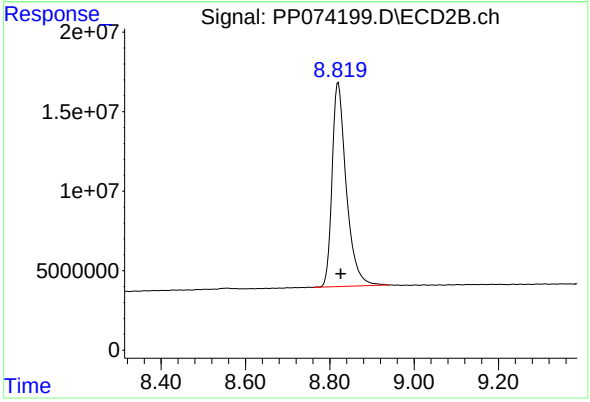
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 191609515
Conc: 49.97 ng/ml



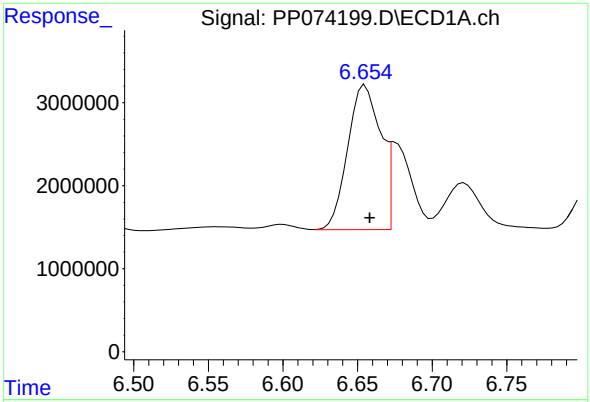
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



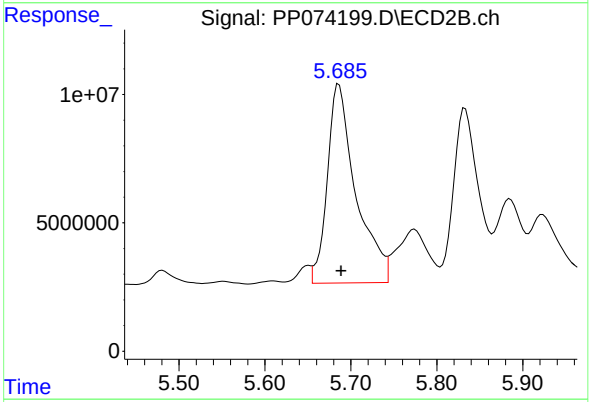
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 27290919
Conc: 518.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

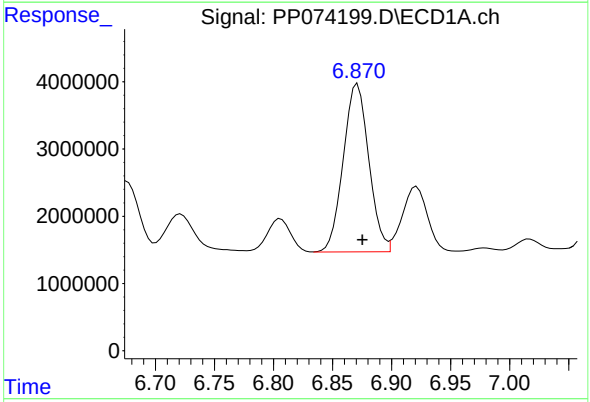
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



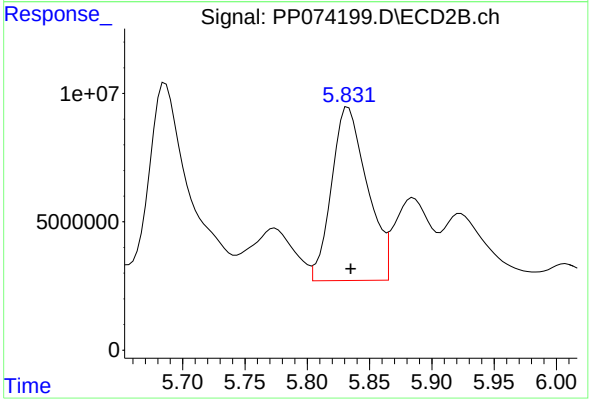
#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



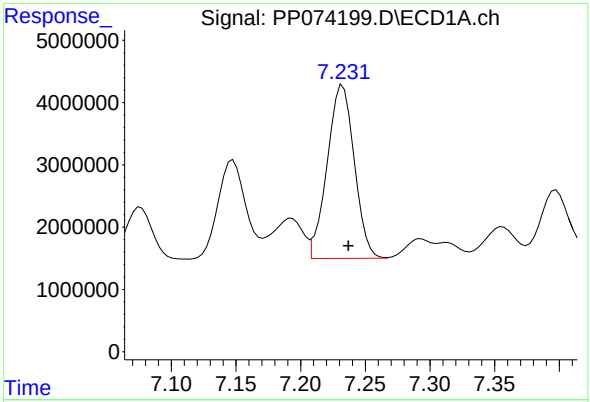
#27 AR-1254-2

R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml



#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



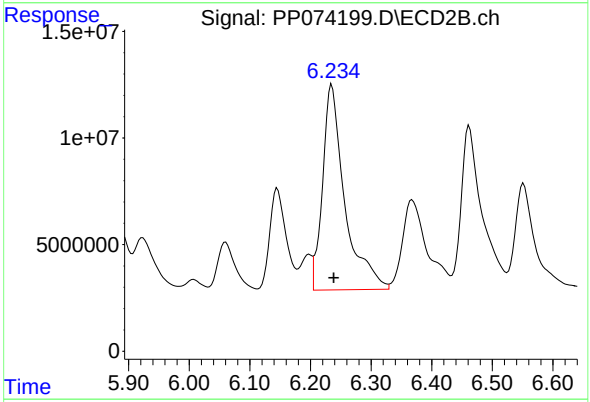
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

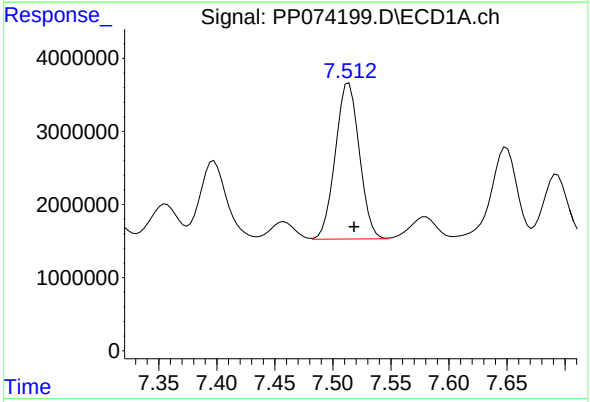
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



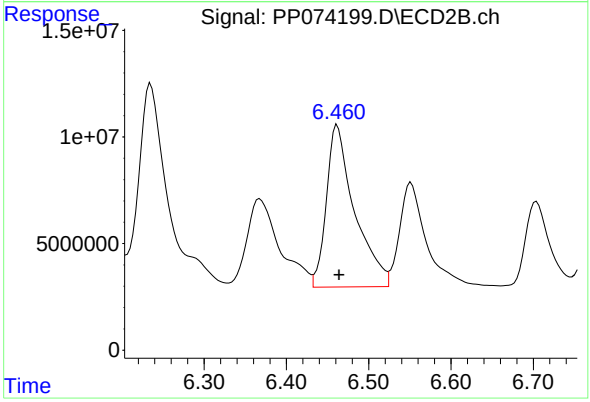
#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



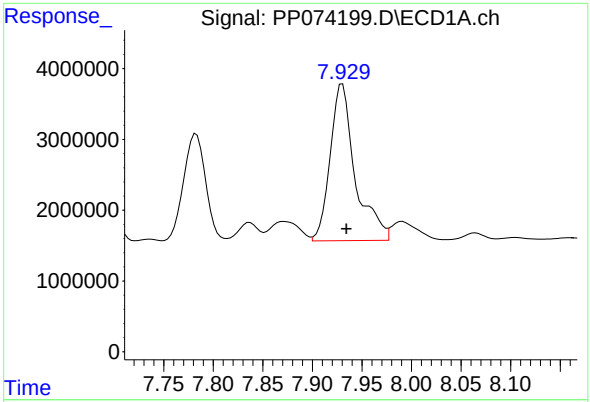
#29 AR-1254-4

R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



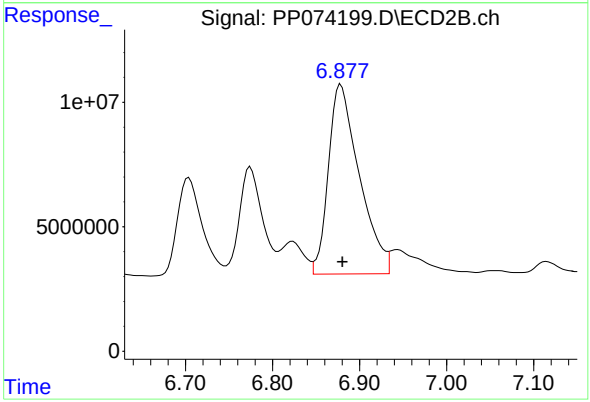
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 188193102
Conc: 488.60 ng/ml

Raw Data: **PO112911.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:57 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	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)	6.80	6.80	6.70	6.90	0.00
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		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

Raw Data: **PO112911.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:57 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112911.D **Time Analyzed:** 15:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.751	4.655	4.855	529.280	500.000	5.9
Aroclor-1016-2	4.770	4.674	4.874	529.210	500.000	5.8
Aroclor-1016-3	4.827	4.731	4.931	519.380	500.000	3.9
Aroclor-1016-4	4.947	4.851	5.051	522.620	500.000	4.5
Aroclor-1016-5	5.203	5.108	5.308	552.640	500.000	10.5
Aroclor-1260-1	6.240	6.145	6.345	523.500	500.000	4.7
Aroclor-1260-2	6.430	6.333	6.533	511.640	500.000	2.3
Aroclor-1260-3	6.795	6.700	6.900	536.970	500.000	7.4
Aroclor-1260-4	7.054	6.959	7.159	512.750	500.000	2.6
Aroclor-1260-5	7.298	7.203	7.403	504.960	500.000	1.0
Decachlorobiphenyl	8.687	8.593	8.793	47.260	50.000	-5.5
Tetrachloro-m-xylene	3.666	3.569	3.769	54.550	50.000	9.1

Raw Data: **PO112911.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112911.D **Time Analyzed:** 15:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.733	4.638	4.838	491.180	500.000	-1.8
Aroclor-1016-2	4.751	4.656	4.856	490.980	500.000	-1.8
Aroclor-1016-3	4.926	4.831	5.031	482.590	500.000	-3.5
Aroclor-1016-4	4.968	4.873	5.073	484.560	500.000	-3.1
Aroclor-1016-5	5.180	5.085	5.285	498.410	500.000	-0.3
Aroclor-1260-1	6.208	6.113	6.313	497.400	500.000	-0.5
Aroclor-1260-2	6.396	6.302	6.502	500.970	500.000	0.2
Aroclor-1260-3	6.547	6.453	6.653	517.790	500.000	3.6
Aroclor-1260-4	7.017	6.923	7.123	515.120	500.000	3.0
Aroclor-1260-5	7.259	7.164	7.364	532.890	500.000	6.6
Decachlorobiphenyl	8.633	8.540	8.740	51.030	50.000	2.1
Tetrachloro-m-xylene	3.659	3.562	3.762	52.400	50.000	4.8

Sample Results: **PO112911.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.659	443.6E6	260.4E6	54.555	52.397
2)	SA Decachlor...	8.687	8.633	345.6E6	90170394	47.260	51.027
	Target Compounds						
3)	L1 AR-1016-1	4.751	4.733	142.0E6	85960622	529.281	491.184
4)	L1 AR-1016-2	4.770	4.751	214.9E6	127.9E6	529.211	490.975
5)	L1 AR-1016-3	4.827	4.926	135.9E6	65615401	519.385	482.585
6)	L1 AR-1016-4	4.947	4.968	110.7E6	53827690	522.617	484.564
7)	L1 AR-1016-5	5.203	5.180	121.3E6	71424010	552.639	498.412
31)	L7 AR-1260-1	6.240	6.208	230.0E6	123.6E6	523.503	497.400
32)	L7 AR-1260-2	6.430	6.396	352.0E6	165.1E6	511.635	500.970
33)	L7 AR-1260-3	6.795	6.547	315.7E6	133.0E6	536.971	517.791m
34)	L7 AR-1260-4	7.054	7.017	231.3E6	98548784	512.747	515.124
35)	L7 AR-1260-5	7.298	7.259	625.7E6	219.7E6	504.960	532.889

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

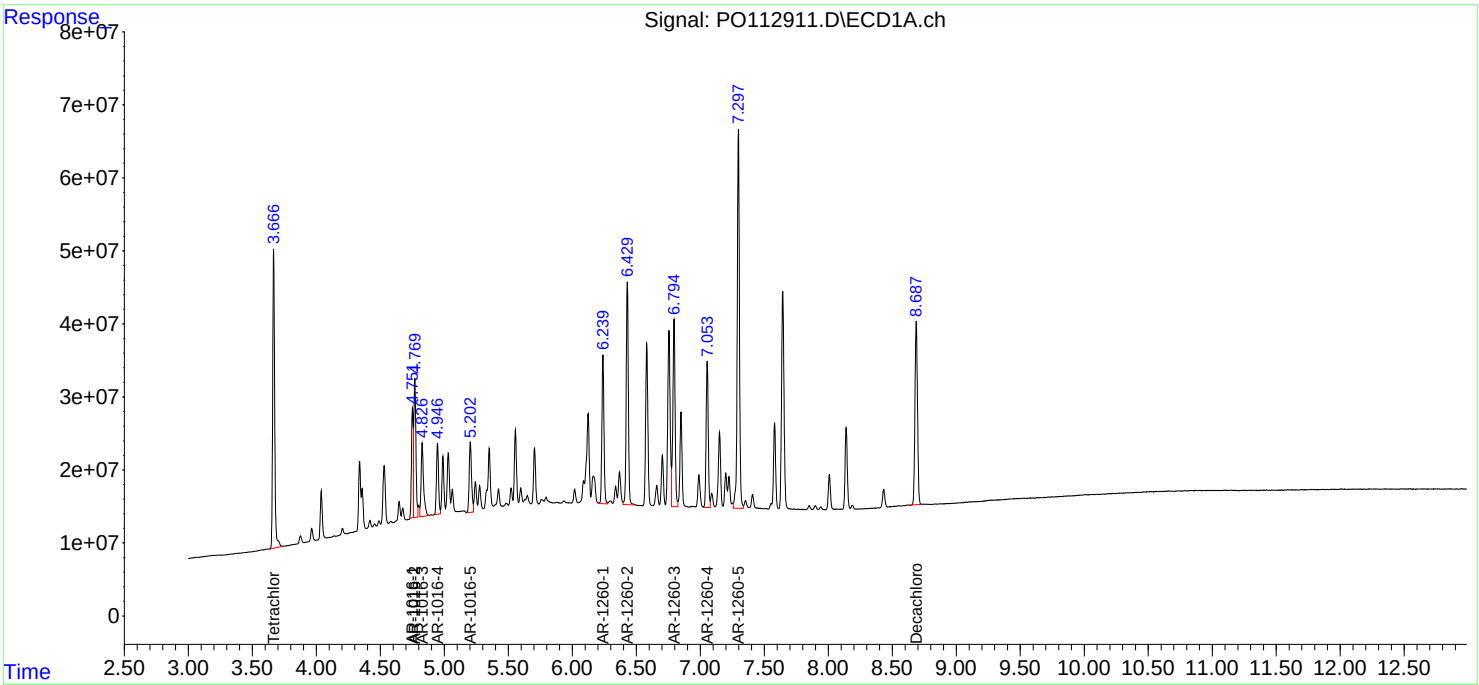
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

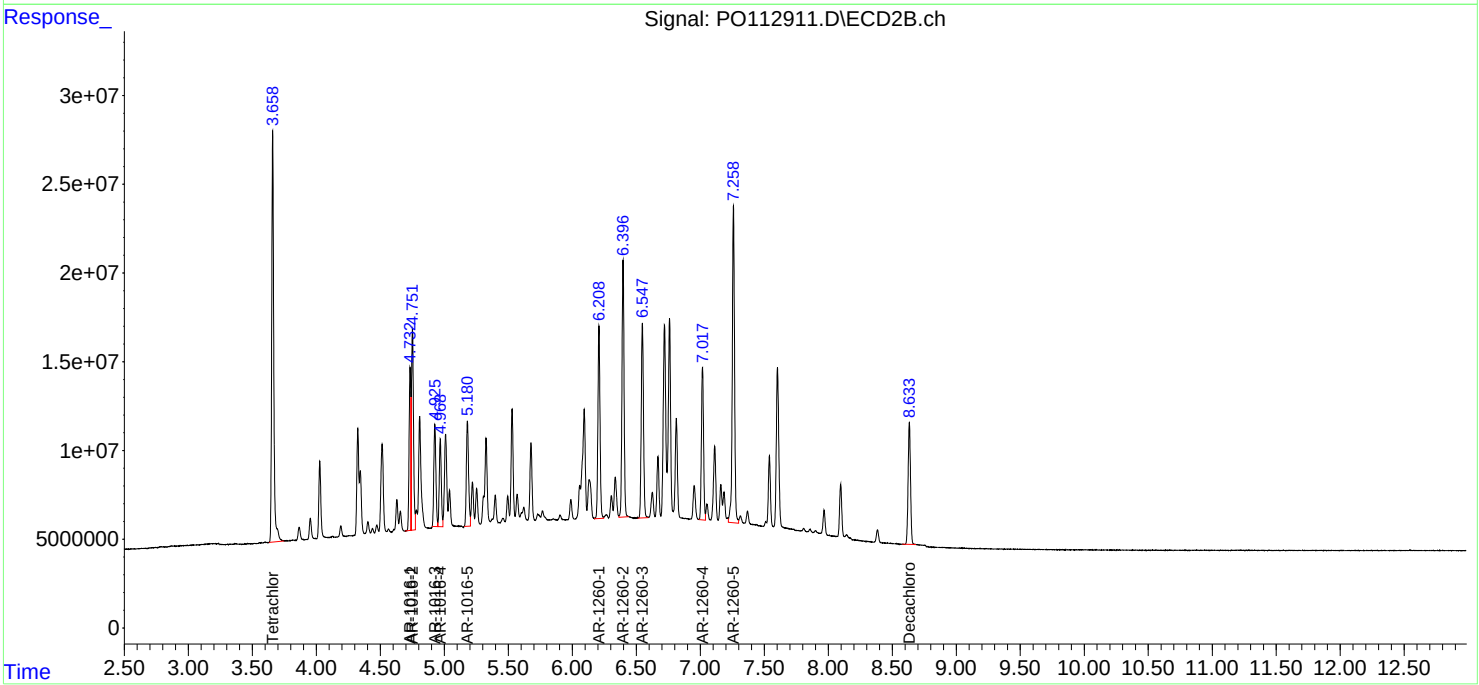
Manual Integrations APPROVED

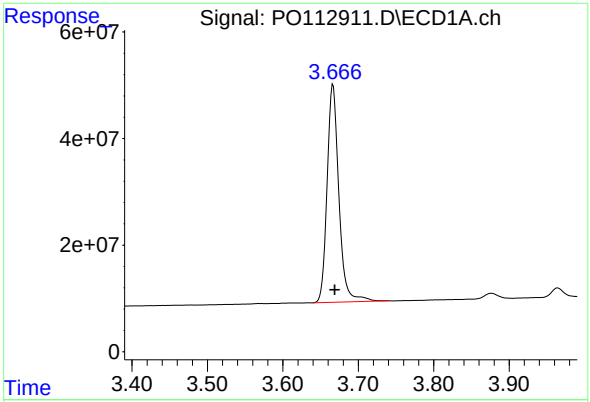
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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







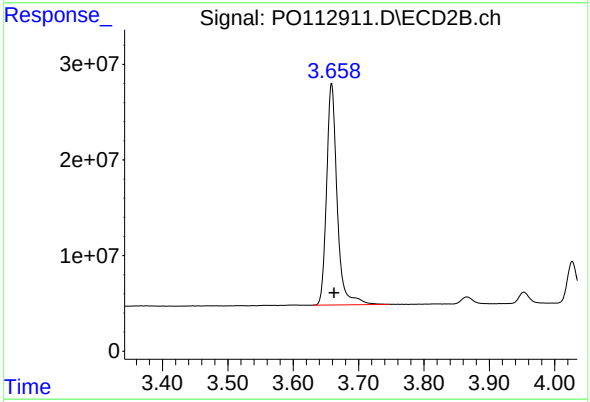
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 443617072
Conc: 54.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

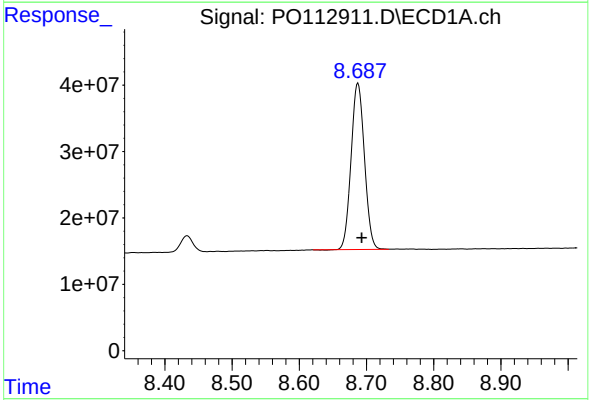
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



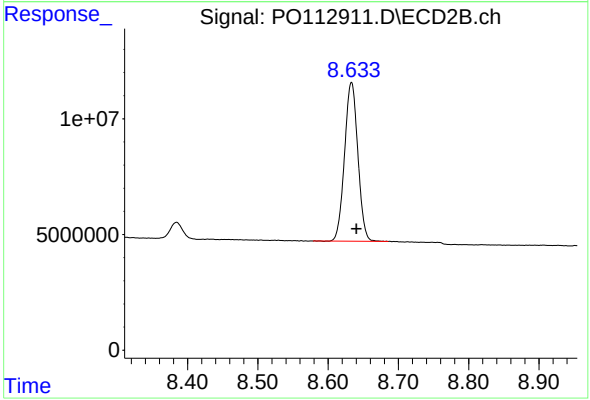
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 260368918
Conc: 52.40 ng/ml



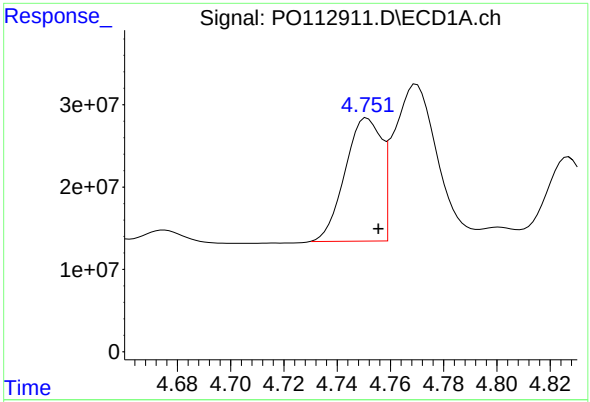
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.005 min
Response: 345555726
Conc: 47.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 90170394
Conc: 51.03 ng/ml



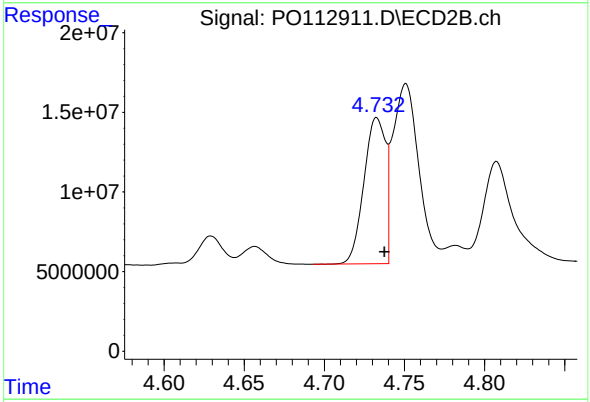
#3 AR-1016-1

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 142040922
Conc: 529.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

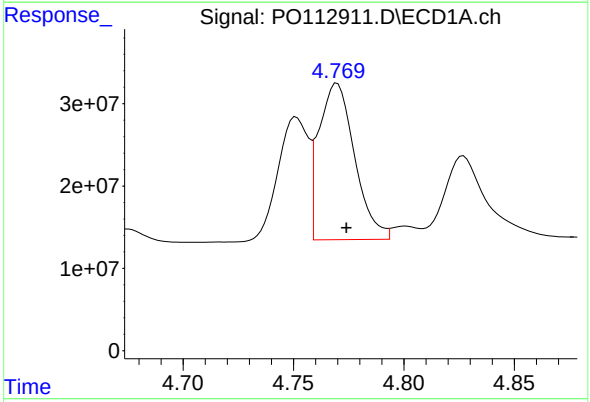
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



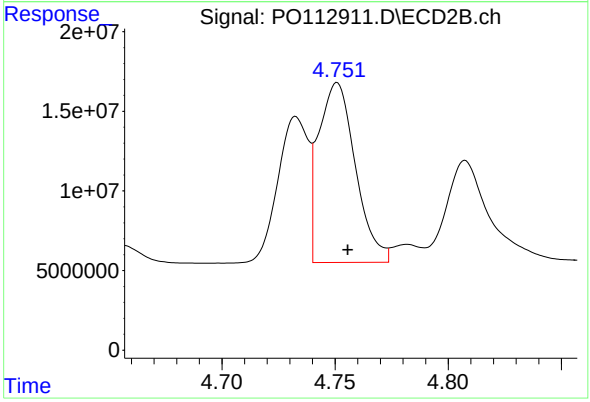
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 85960622
Conc: 491.18 ng/ml



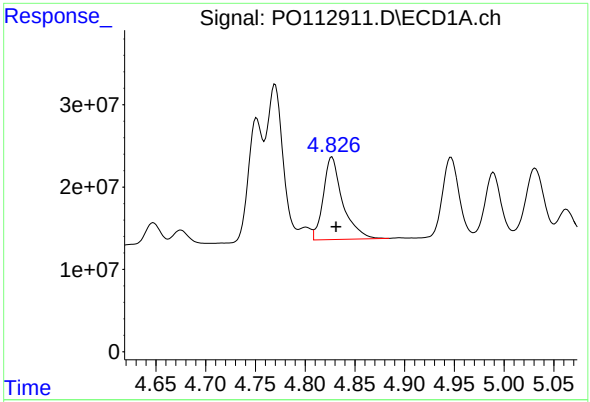
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 214921660
Conc: 529.21 ng/ml



#4 AR-1016-2

R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 127896655
Conc: 490.98 ng/ml



#5 AR-1016-3

R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 135909531
Conc: 519.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

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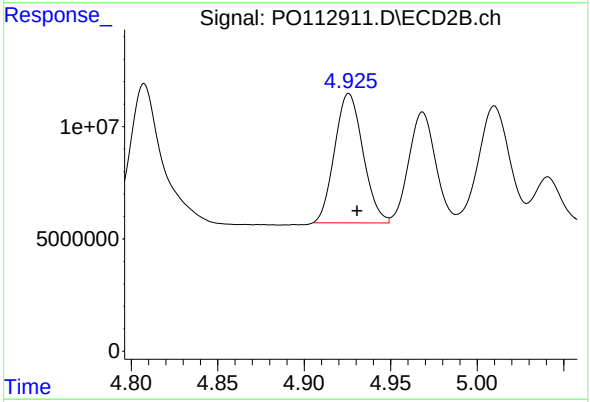
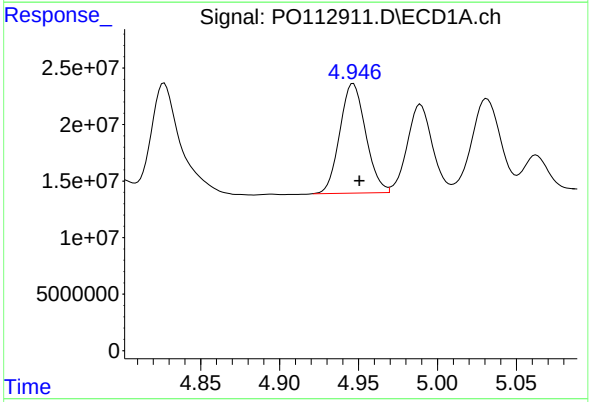


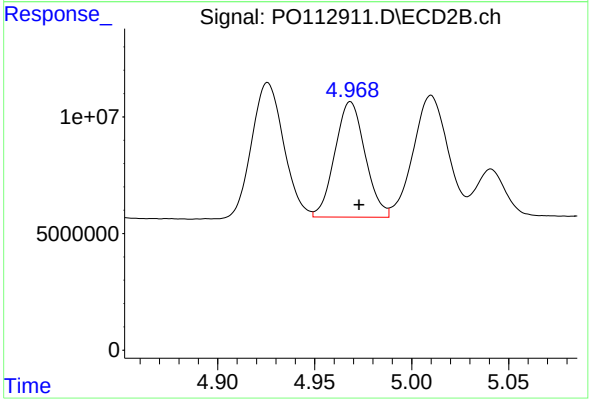
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 65615401
Conc: 482.59 ng/ml



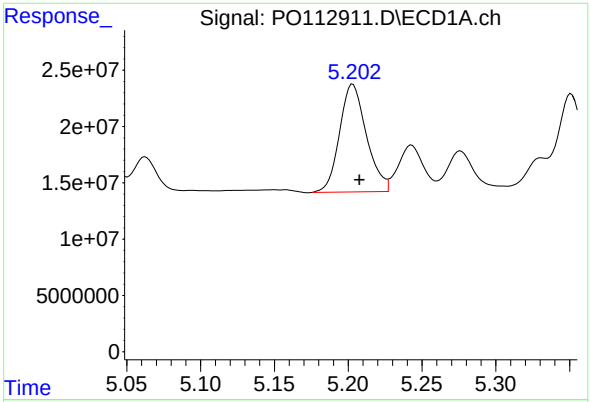
#6 AR-1016-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 110711992
Conc: 522.62 ng/ml



#6 AR-1016-4

R.T.: 4.968 min
Delta R.T.: -0.004 min
Response: 53827690
Conc: 484.56 ng/ml



#7 AR-1016-5

R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 121287928
Conc: 552.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

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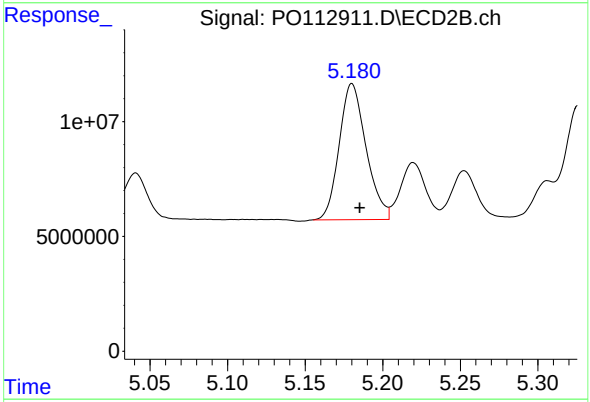
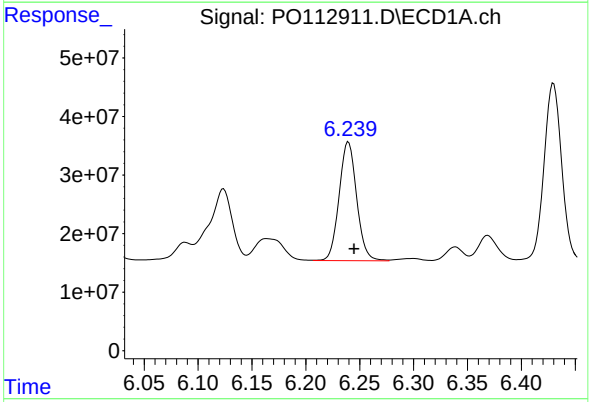
Supervised By :mohammad ahmed 08/18/2025



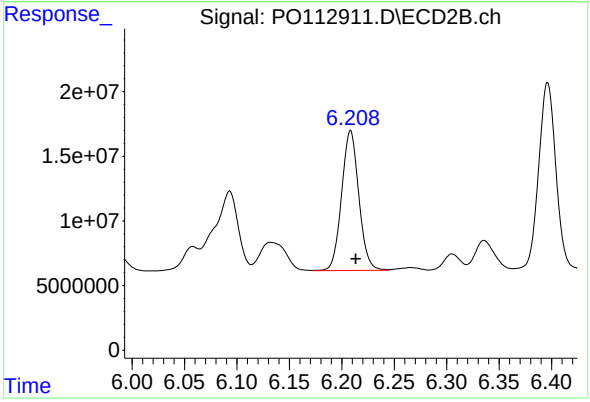
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 71424010
Conc: 498.41 ng/ml



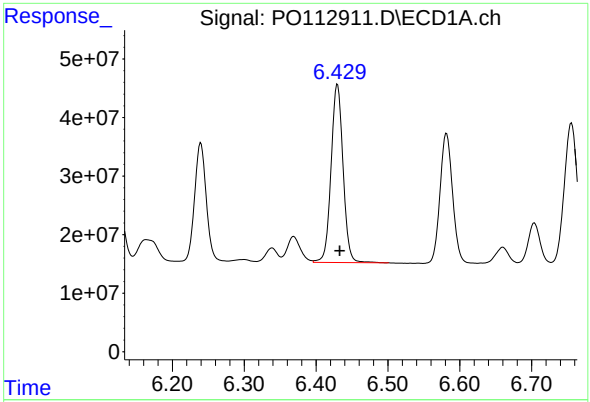
#31 AR-1260-1

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 229991344
Conc: 523.50 ng/ml



#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 123609491
Conc: 497.40 ng/ml



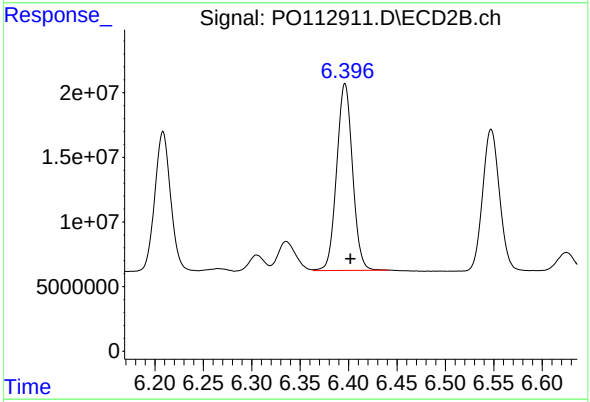
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 351950597
Conc: 511.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

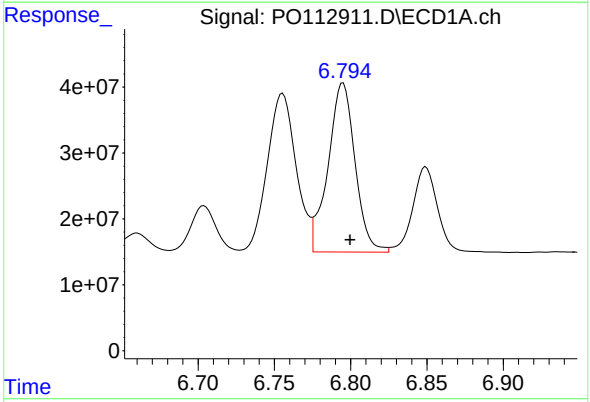
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



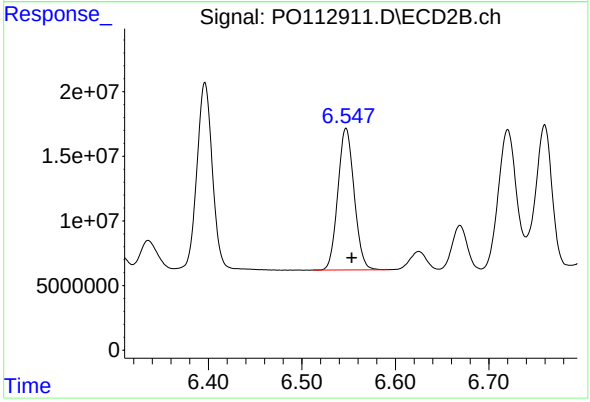
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 165066255
Conc: 500.97 ng/ml



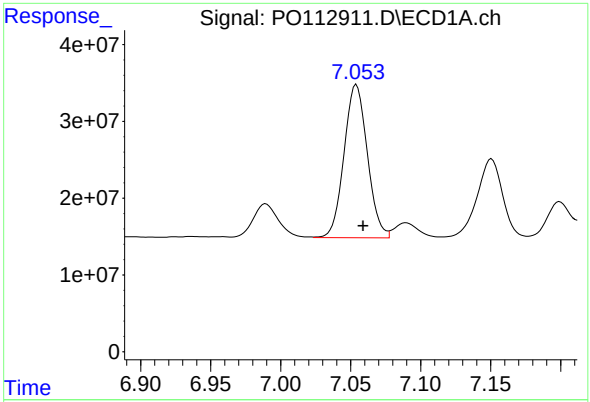
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 315749212
Conc: 536.97 ng/ml



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 133031502
Conc: 517.79 ng/ml m



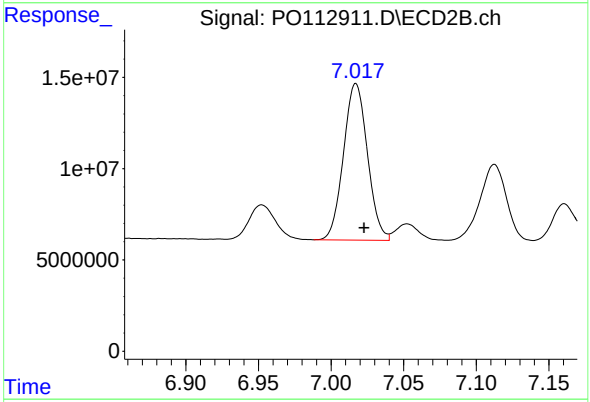
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 231251080
Conc: 512.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

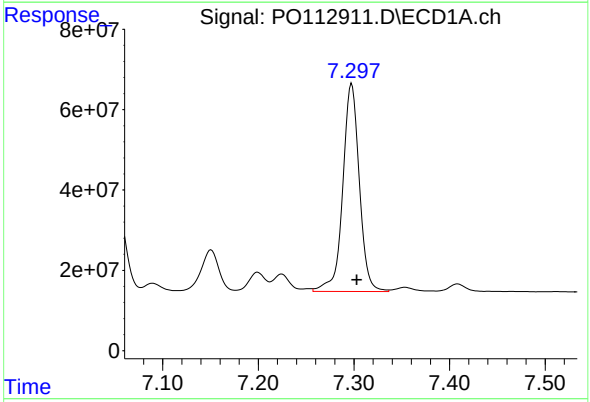
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



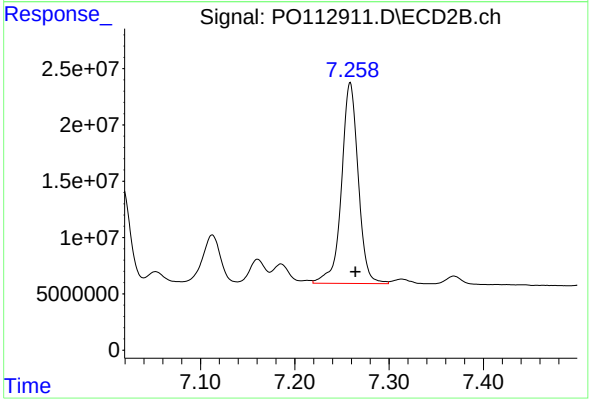
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 98548784
Conc: 515.12 ng/ml



#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.005 min
Response: 625715592
Conc: 504.96 ng/ml



#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 219653511
Conc: 532.89 ng/ml

Raw Data: **PO112924.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 20:35 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	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)	6.79	6.80	6.70	6.90	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		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

Raw Data: **PO112924.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 20:35 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112924.D **Time Analyzed:** 20:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.750	4.655	4.855	521.250	500.000	4.3
Aroclor-1016-2	4.769	4.674	4.874	530.910	500.000	6.2
Aroclor-1016-3	4.826	4.731	4.931	519.890	500.000	4.0
Aroclor-1016-4	4.945	4.851	5.051	523.180	500.000	4.6
Aroclor-1016-5	5.202	5.108	5.308	582.330	500.000	16.5
Aroclor-1260-1	6.239	6.145	6.345	520.880	500.000	4.2
Aroclor-1260-2	6.429	6.333	6.533	520.880	500.000	4.2
Aroclor-1260-3	6.794	6.700	6.900	541.610	500.000	8.3
Aroclor-1260-4	7.053	6.959	7.159	508.450	500.000	1.7
Aroclor-1260-5	7.297	7.203	7.403	500.470	500.000	0.1
Decachlorobiphenyl	8.686	8.593	8.793	48.470	50.000	-3.1
Tetrachloro-m-xylene	3.666	3.569	3.769	54.370	50.000	8.7

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112924.D **Time Analyzed:** 20:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.733	4.638	4.838	494.680	500.000	-1.1
Aroclor-1016-2	4.751	4.656	4.856	495.150	500.000	-1.0
Aroclor-1016-3	4.926	4.831	5.031	490.140	500.000	-2.0
Aroclor-1016-4	4.969	4.873	5.073	489.100	500.000	-2.2
Aroclor-1016-5	5.180	5.085	5.285	506.470	500.000	1.3
Aroclor-1260-1	6.208	6.113	6.313	494.280	500.000	-1.1
Aroclor-1260-2	6.397	6.302	6.502	505.530	500.000	1.1
Aroclor-1260-3	6.547	6.453	6.653	515.570	500.000	3.1
Aroclor-1260-4	7.017	6.923	7.123	511.950	500.000	2.4
Aroclor-1260-5	7.259	7.164	7.364	525.140	500.000	5.0
Decachlorobiphenyl	8.633	8.540	8.740	52.140	50.000	4.3
Tetrachloro-m-xylene	3.659	3.562	3.762	52.540	50.000	5.1

Sample Results: **PO112924.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:09:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.659	442.1E6	261.1E6	54.365	52.543
2)	SA Decachlor...	8.686	8.633	354.4E6	92139911	48.475	52.142
	Target Compounds						
3)	L1 AR-1016-1	4.750	4.733	139.9E6	86571706	521.249	494.676
4)	L1 AR-1016-2	4.769	4.751	215.6E6	129.0E6	530.909	495.152
5)	L1 AR-1016-3	4.826	4.926	136.0E6	66642752	519.887	490.141
6)	L1 AR-1016-4	4.945	4.969	110.8E6	54331744	523.175	489.102
7)	L1 AR-1016-5	5.202	5.180	127.8E6	72578166	582.327	506.466
31)	L7 AR-1260-1	6.239	6.208	228.8E6	122.8E6	520.885	494.281
32)	L7 AR-1260-2	6.429	6.397	358.3E6	166.6E6	520.878	505.528
33)	L7 AR-1260-3	6.794	6.547	318.5E6	132.5E6	541.611	515.567m
34)	L7 AR-1260-4	7.053	7.017	229.3E6	97941330	508.446	511.949
35)	L7 AR-1260-5	7.297	7.259	620.2E6	216.5E6	500.471	525.139

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

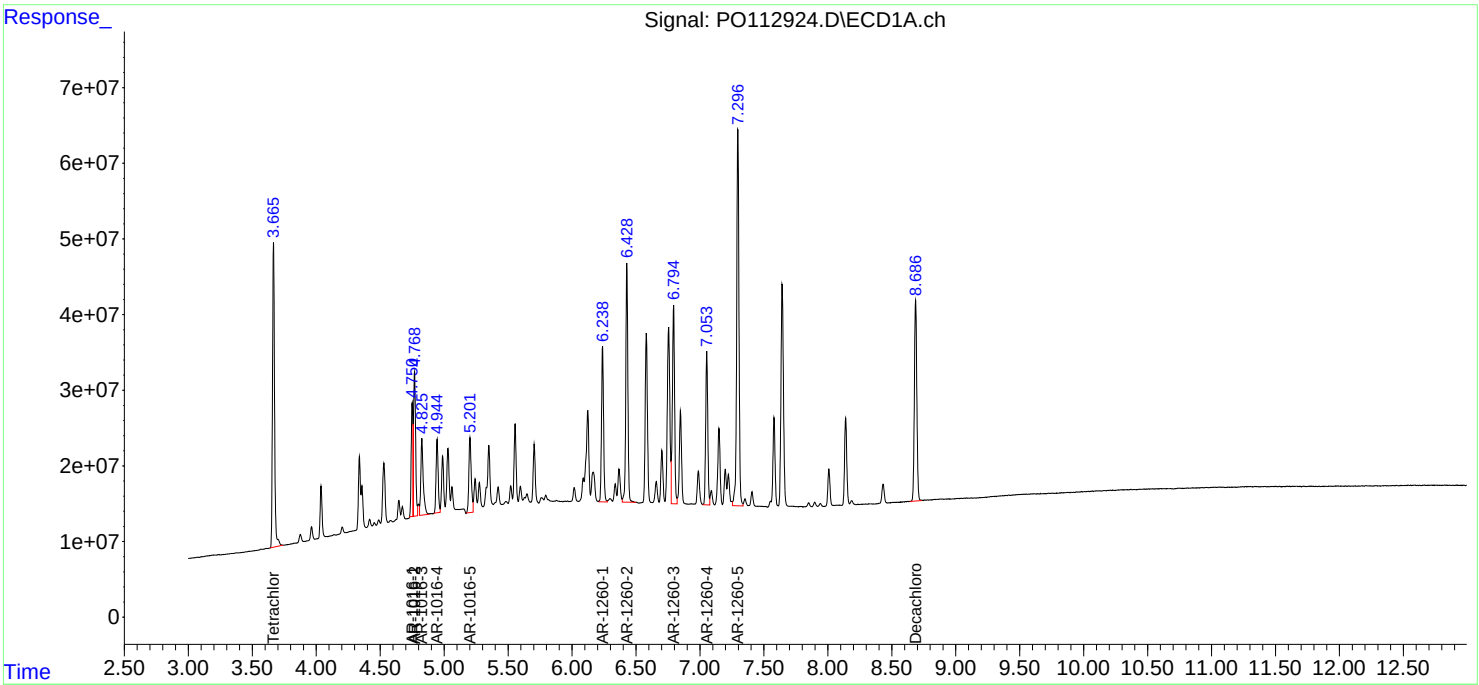
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

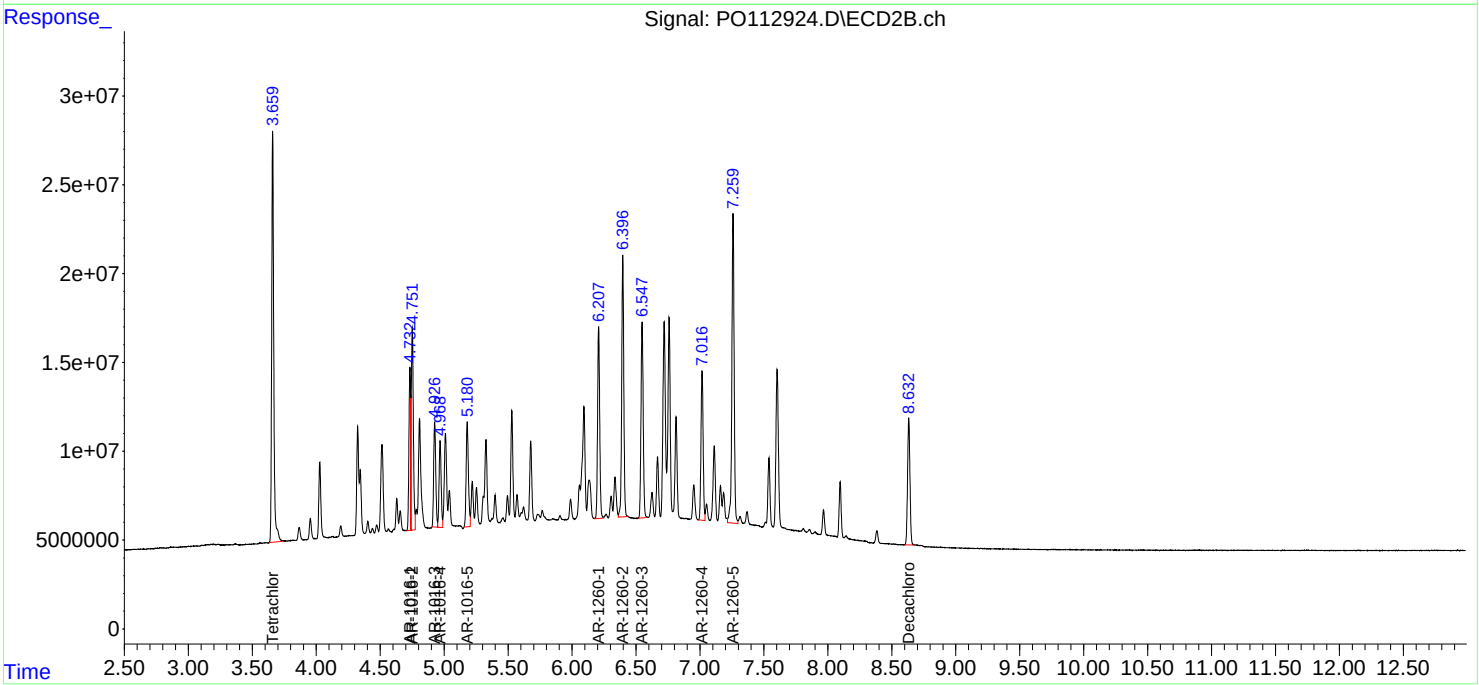
Manual Integrations APPROVED

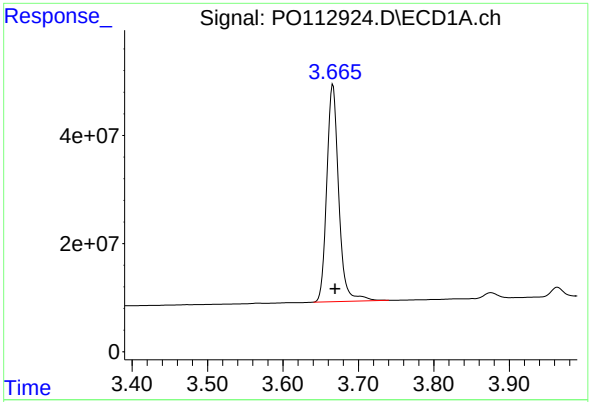
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:09:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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







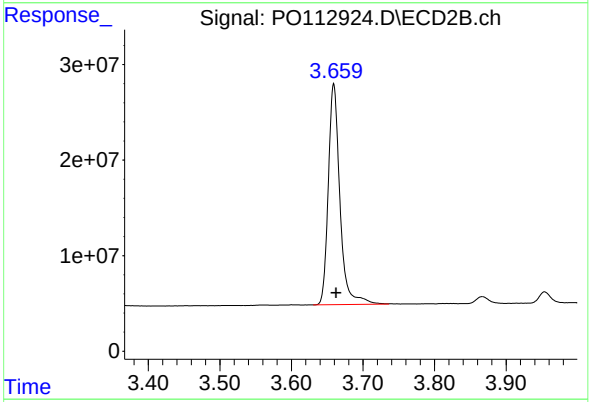
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 442072920
Conc: 54.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

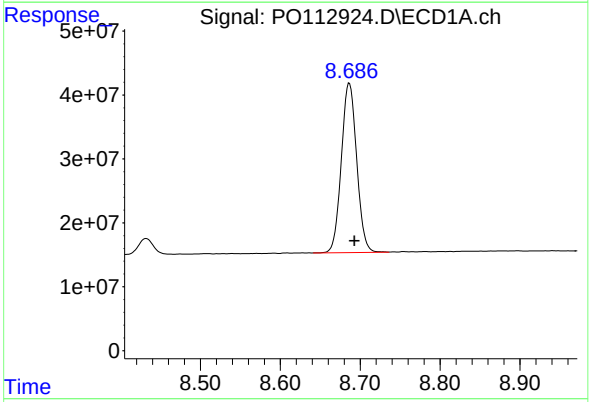
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



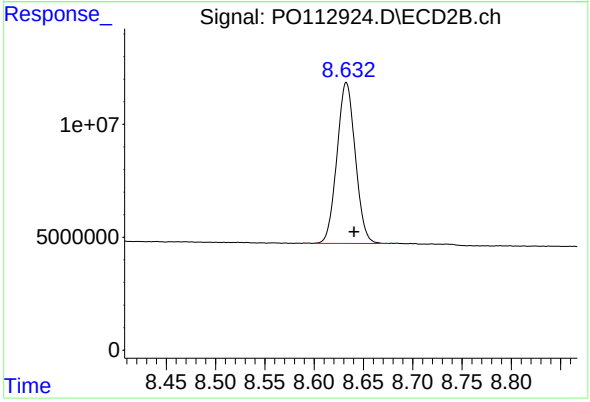
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 261095088
Conc: 52.54 ng/ml



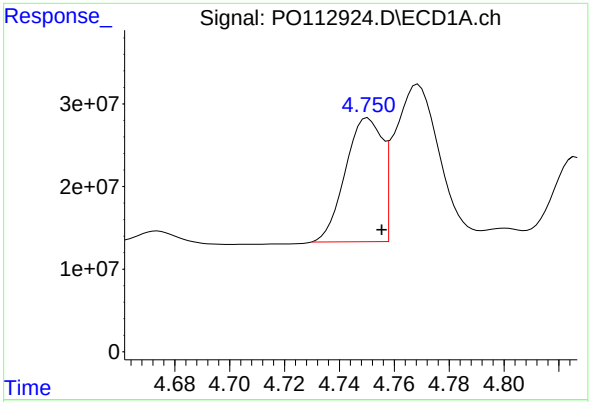
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.006 min
Response: 354438934
Conc: 48.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 92139911
Conc: 52.14 ng/ml



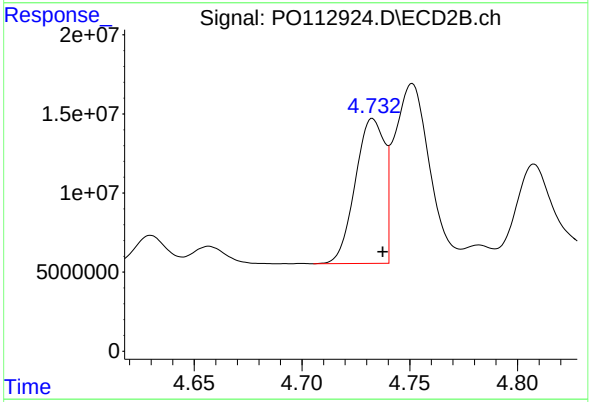
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 139885283
Conc: 521.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

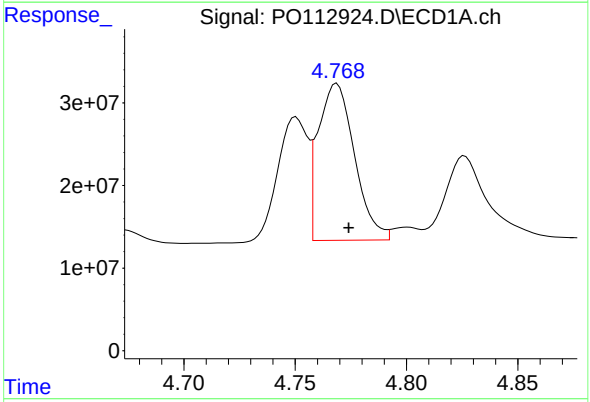
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



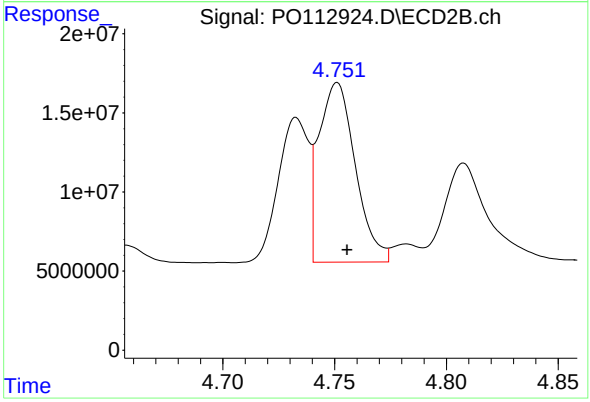
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 86571706
Conc: 494.68 ng/ml



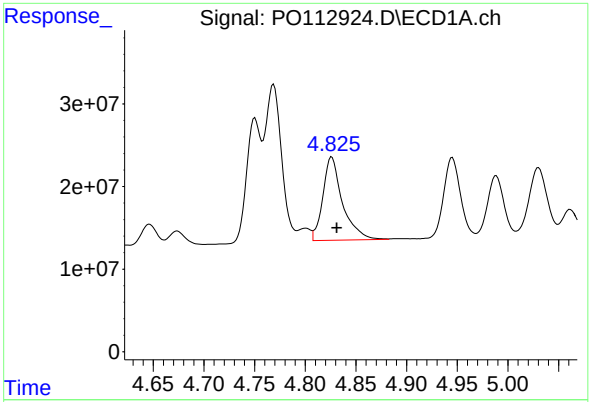
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 215611318
Conc: 530.91 ng/ml



#4 AR-1016-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 128984637
Conc: 495.15 ng/ml



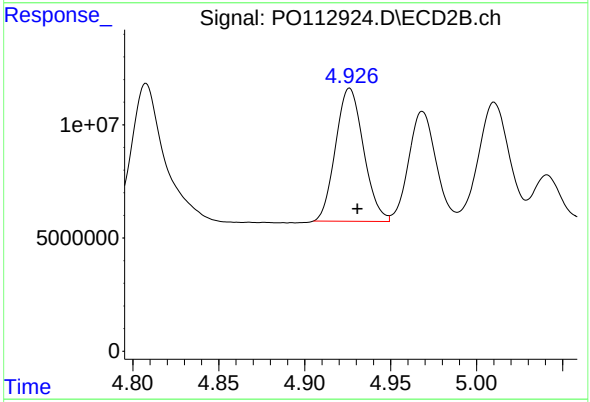
#5 AR-1016-3

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 136040970
Conc: 519.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

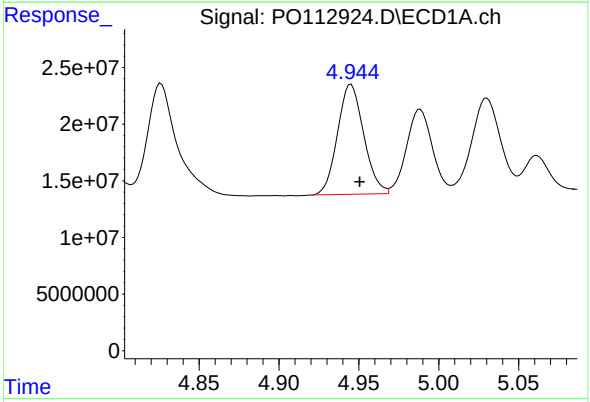
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



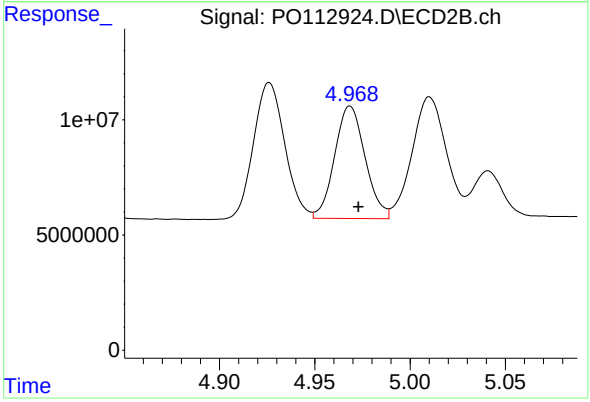
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 66642752
Conc: 490.14 ng/ml



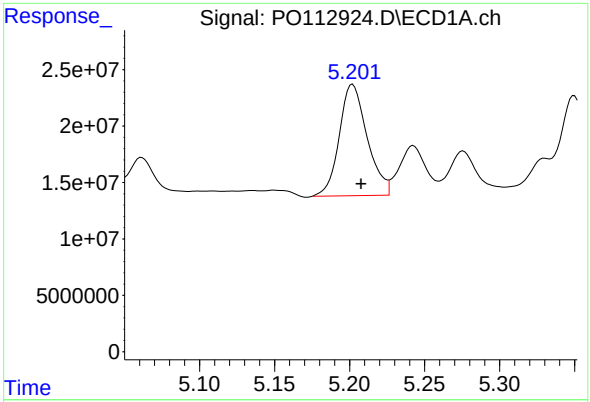
#6 AR-1016-4

R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 110830186
Conc: 523.18 ng/ml



#6 AR-1016-4

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 54331744
Conc: 489.10 ng/ml



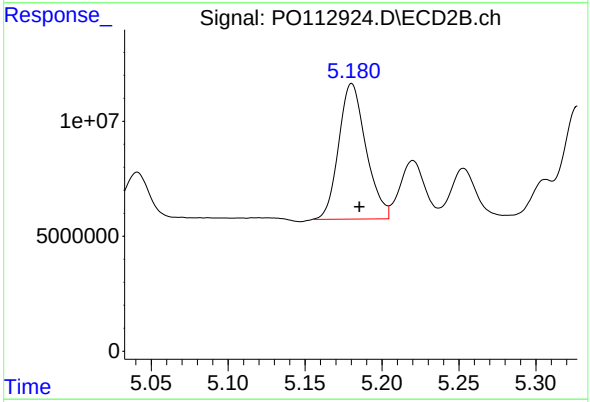
#7 AR-1016-5

R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 127803713
Conc: 582.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

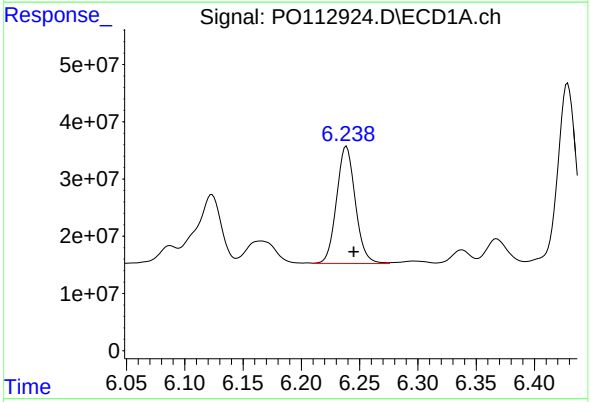
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



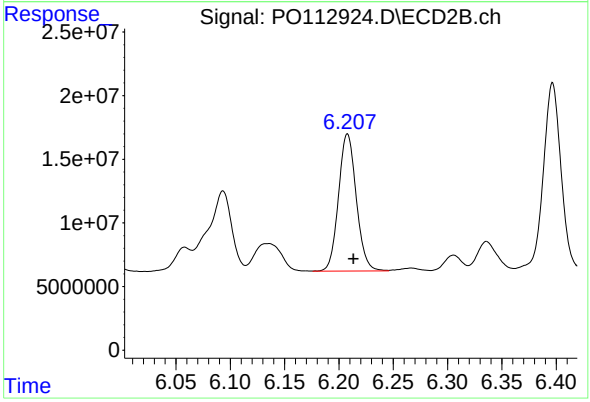
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 72578166
Conc: 506.47 ng/ml



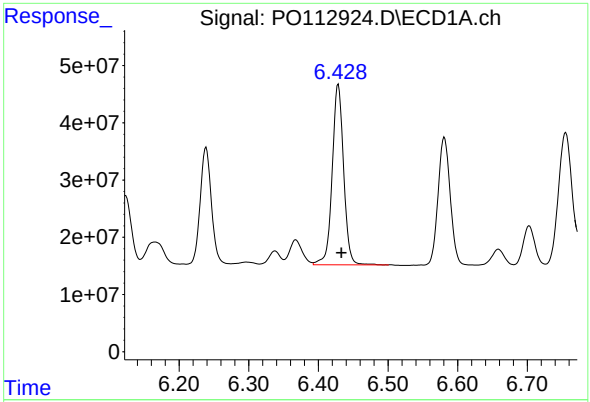
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 228840964
Conc: 520.88 ng/ml



#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 122834440
Conc: 494.28 ng/ml



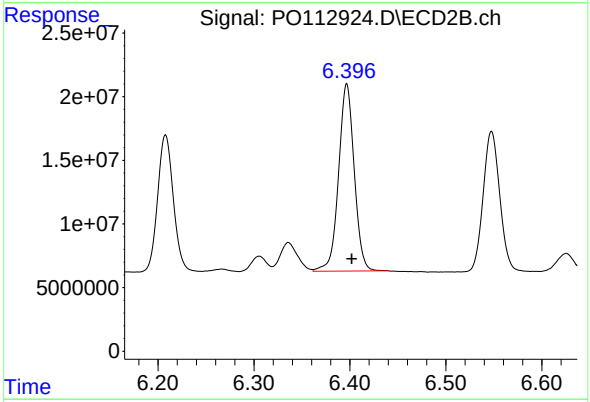
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 358309024
Conc: 520.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

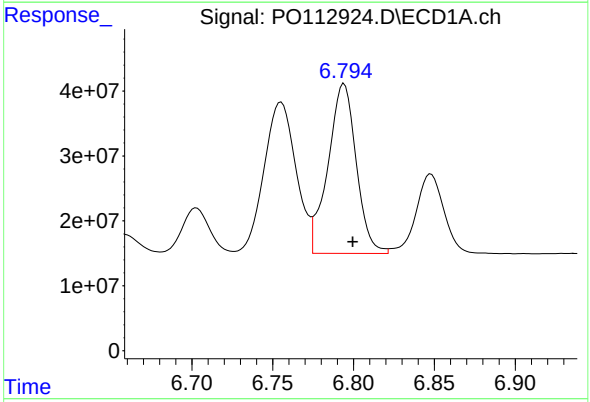
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



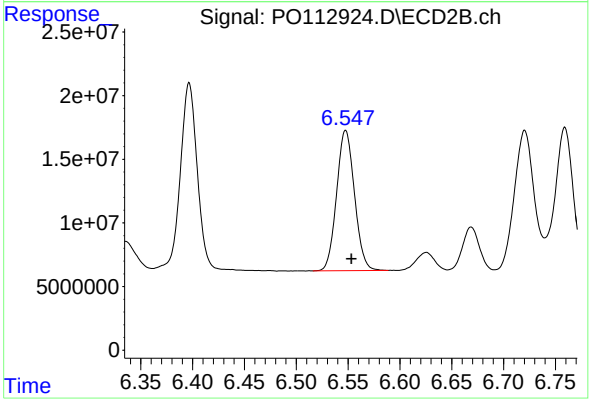
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 166568267
Conc: 505.53 ng/ml



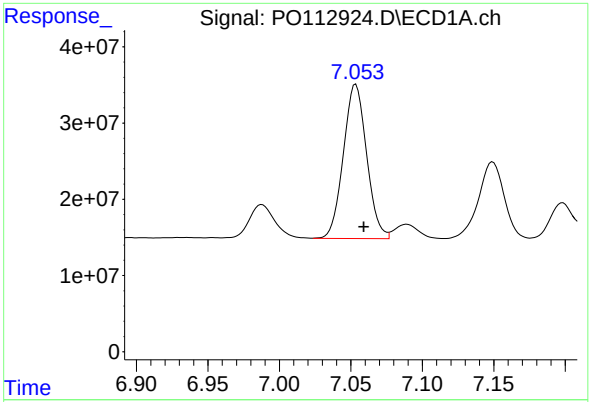
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 318477757
Conc: 541.61 ng/ml



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 132460083
Conc: 515.57 ng/ml m



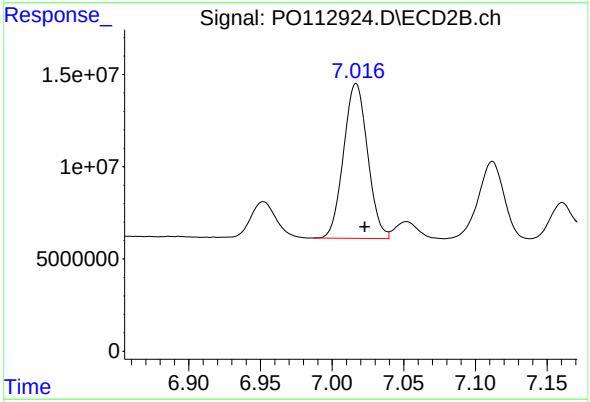
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 229311380
Conc: 508.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

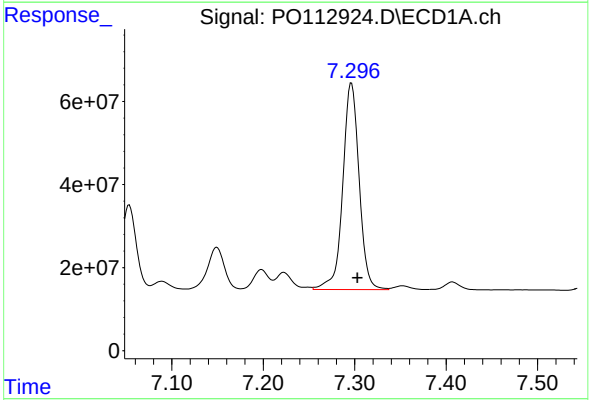
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



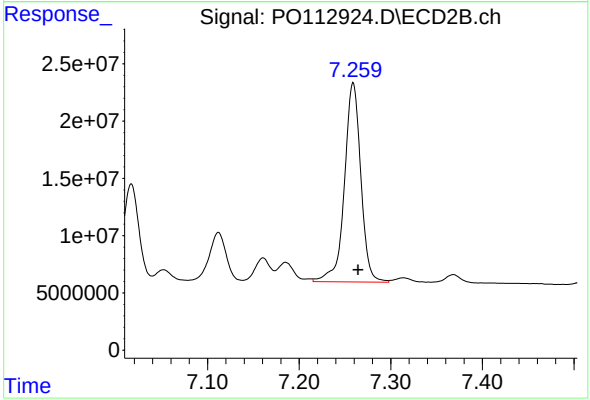
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 97941330
Conc: 511.95 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 620152838
Conc: 500.47 ng/ml



#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 216459137
Conc: 525.14 ng/ml

Raw Data: **PO112930.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:33 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	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)	6.79	6.80	6.70	6.90	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		3.67	3.67	3.57	3.77	0.01
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

Raw Data: **PO112930.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:33 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.01
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112930.D **Time Analyzed:** 08:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.750	4.655	4.855	529.710	500.000	5.9
Aroclor-1016-2	4.769	4.674	4.874	529.250	500.000	5.9
Aroclor-1016-3	4.826	4.731	4.931	519.760	500.000	4.0
Aroclor-1016-4	4.945	4.851	5.051	529.550	500.000	5.9
Aroclor-1016-5	5.202	5.108	5.308	542.490	500.000	8.5
Aroclor-1260-1	6.239	6.145	6.345	531.990	500.000	6.4
Aroclor-1260-2	6.429	6.333	6.533	518.600	500.000	3.7
Aroclor-1260-3	6.794	6.700	6.900	551.750	500.000	10.4
Aroclor-1260-4	7.053	6.959	7.159	513.930	500.000	2.8
Aroclor-1260-5	7.297	7.203	7.403	504.540	500.000	0.9
Decachlorobiphenyl	8.686	8.593	8.793	48.920	50.000	-2.2
Tetrachloro-m-xylene	3.665	3.569	3.769	55.480	50.000	11.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112930.D **Time Analyzed:** 08:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.732	4.638	4.838	485.220	500.000	-3.0
Aroclor-1016-2	4.750	4.656	4.856	489.550	500.000	-2.1
Aroclor-1016-3	4.925	4.831	5.031	489.200	500.000	-2.2
Aroclor-1016-4	4.967	4.873	5.073	484.210	500.000	-3.2
Aroclor-1016-5	5.179	5.085	5.285	491.820	500.000	-1.6
Aroclor-1260-1	6.207	6.113	6.313	491.660	500.000	-1.7
Aroclor-1260-2	6.395	6.302	6.502	494.220	500.000	-1.2
Aroclor-1260-3	6.547	6.453	6.653	514.790	500.000	3.0
Aroclor-1260-4	7.016	6.923	7.123	513.570	500.000	2.7
Aroclor-1260-5	7.258	7.164	7.364	528.080	500.000	5.6
Decachlorobiphenyl	8.632	8.540	8.740	51.160	50.000	2.3
Tetrachloro-m-xylene	3.658	3.562	3.762	52.000	50.000	4.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.658	451.2E6	258.4E6	55.481	51.995
2)	SA Decachlor...	8.686	8.632	357.7E6	90402312	48.923	51.158
	Target Compounds						
3)	L1 AR-1016-1	4.750	4.732	142.2E6	84916105	529.714	485.215
4)	L1 AR-1016-2	4.769	4.750	214.9E6	127.5E6	529.249	489.546
5)	L1 AR-1016-3	4.826	4.925	136.0E6	66514321	519.764	489.196m
6)	L1 AR-1016-4	4.945	4.967	112.2E6	53788302	529.549	484.209m
7)	L1 AR-1016-5	5.202	5.179	119.1E6	70479899	542.494	491.824
31)	L7 AR-1260-1	6.239	6.207	233.7E6	122.2E6	531.990	491.659
32)	L7 AR-1260-2	6.429	6.395	356.7E6	162.8E6	518.605	494.223
33)	L7 AR-1260-3	6.794	6.547	324.4E6	132.3E6	551.751	514.793m
34)	L7 AR-1260-4	7.053	7.016	231.8E6	98251223	513.931	513.569
35)	L7 AR-1260-5	7.297	7.258	625.2E6	217.7E6	504.544	528.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

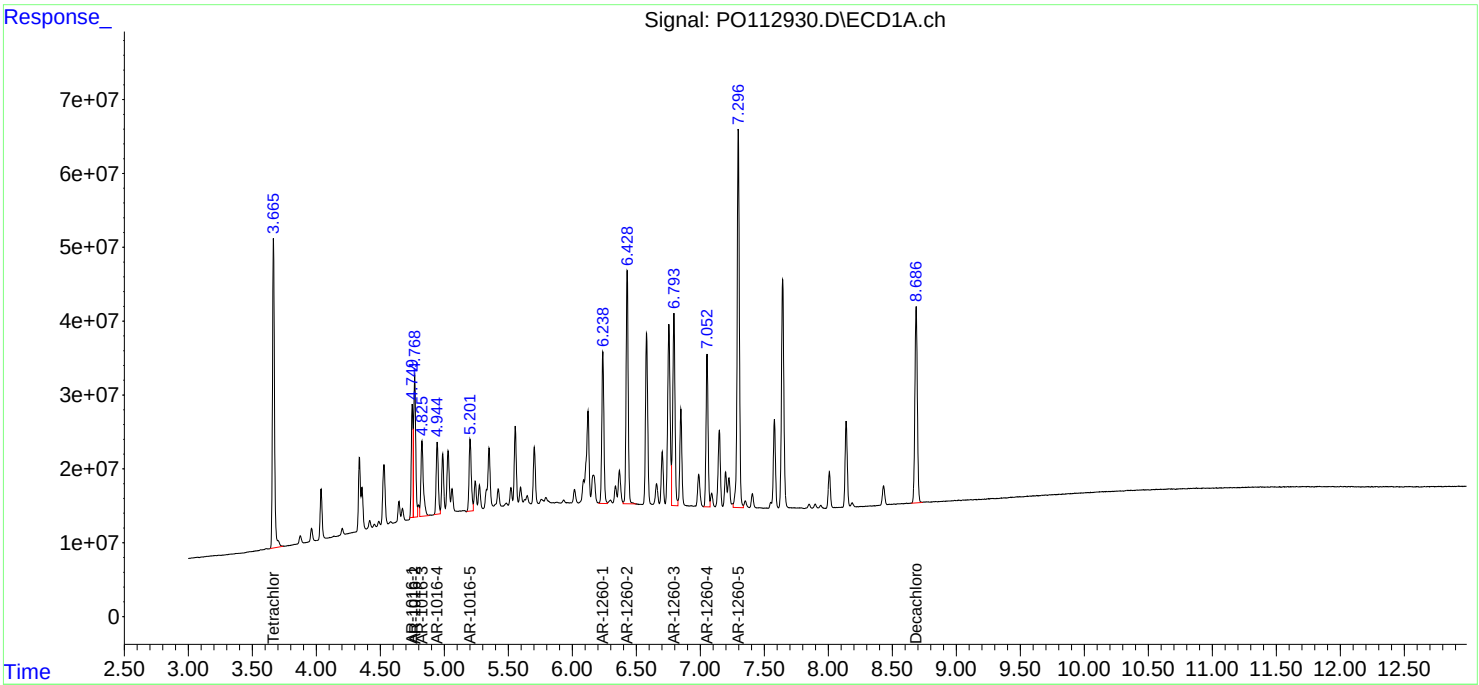
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

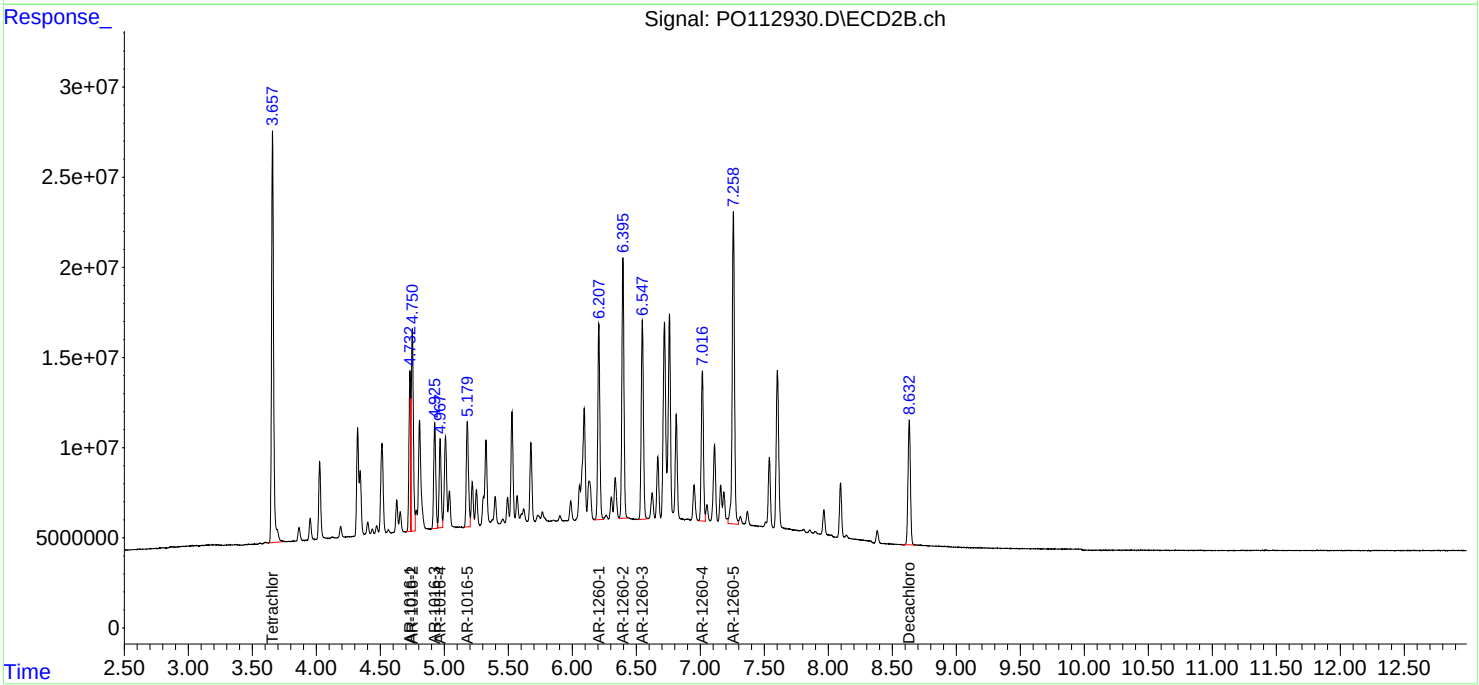
Manual Integrations APPROVED

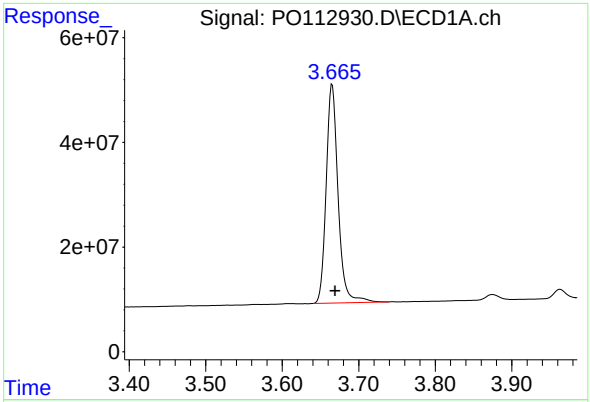
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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







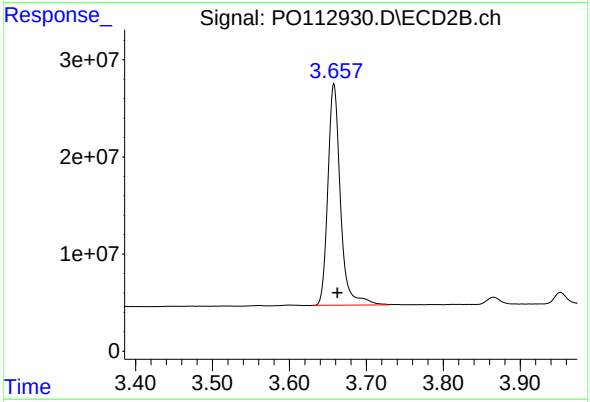
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 451151562
Conc: 55.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

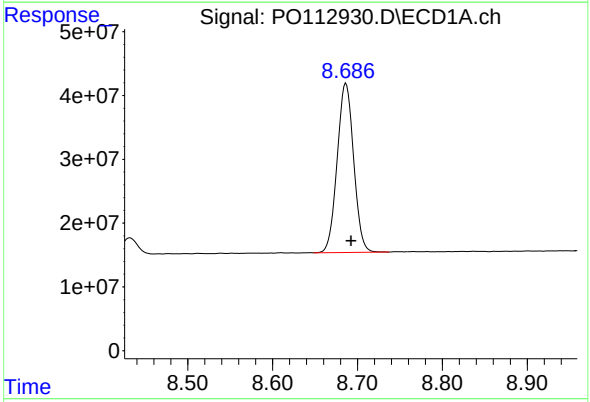
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



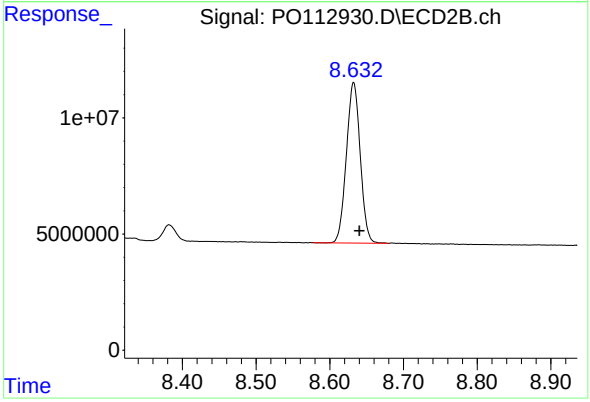
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 258372786
Conc: 52.00 ng/ml



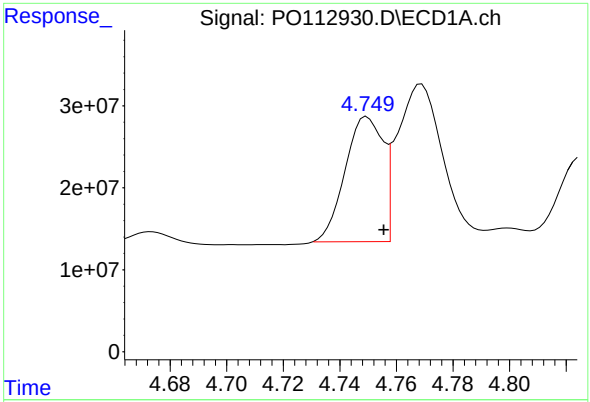
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.006 min
Response: 357715511
Conc: 48.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 90402312
Conc: 51.16 ng/ml



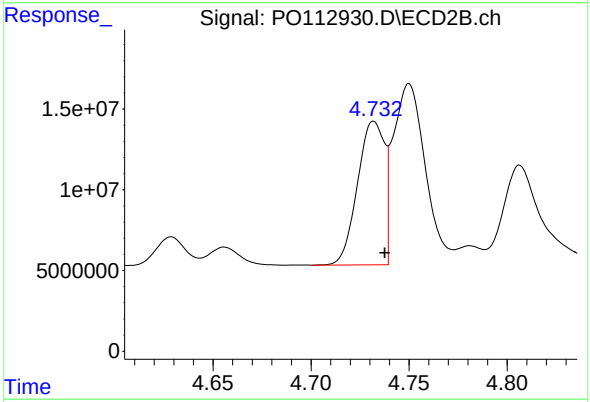
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 142157251
Conc: 529.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

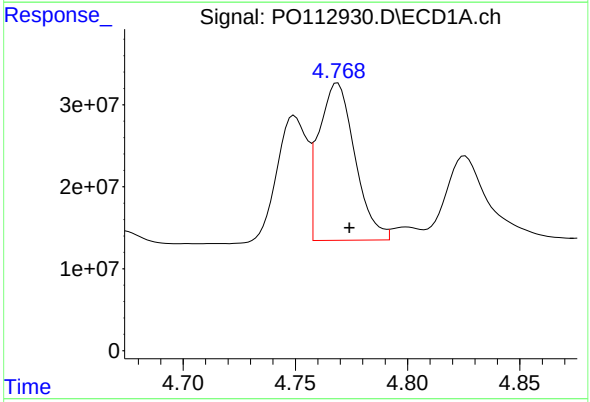
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



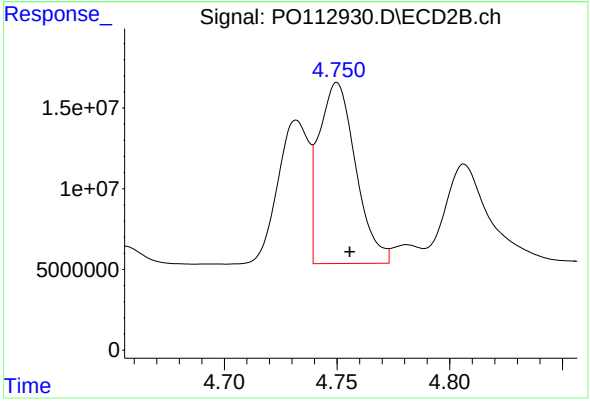
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 84916105
Conc: 485.22 ng/ml



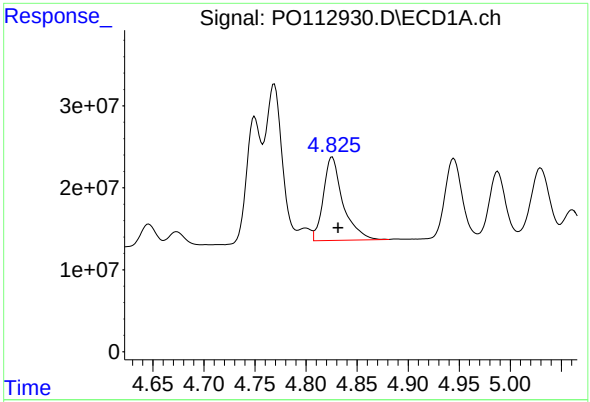
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 214937074
Conc: 529.25 ng/ml



#4 AR-1016-2

R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 127524195
Conc: 489.55 ng/ml



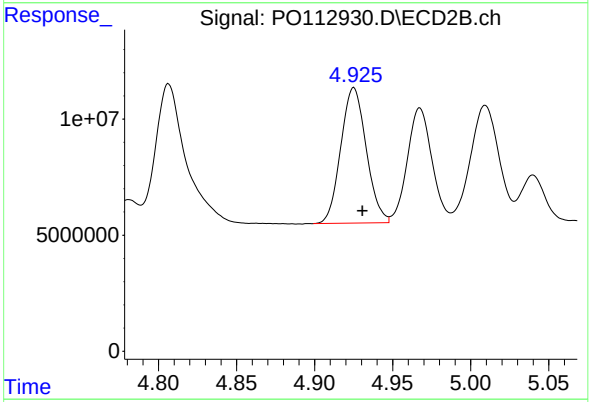
#5 AR-1016-3

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 136008751
Conc: 519.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

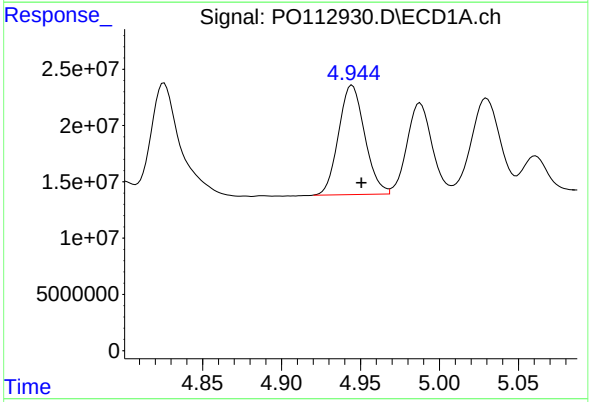
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



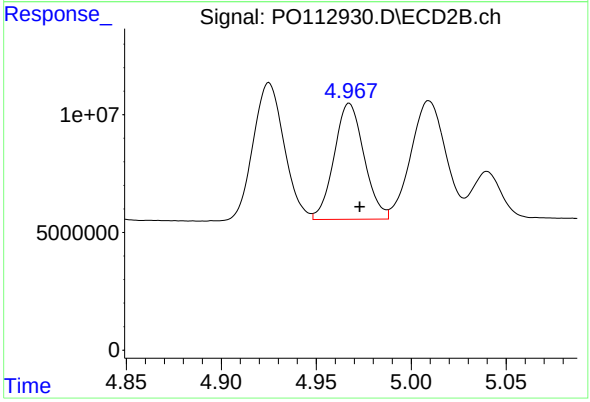
#5 AR-1016-3

R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 66514321
Conc: 489.20 ng/ml m



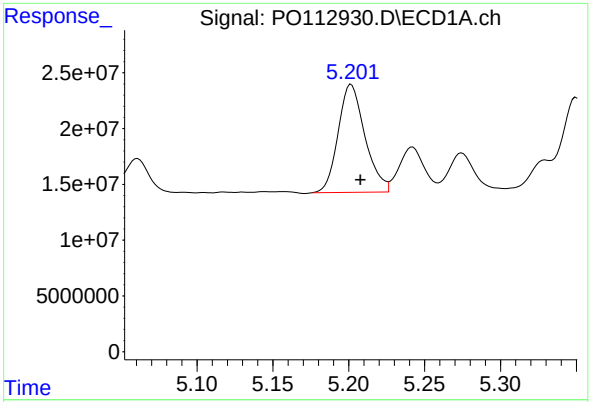
#6 AR-1016-4

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 112180513
Conc: 529.55 ng/ml



#6 AR-1016-4

R.T.: 4.967 min
Delta R.T.: -0.006 min
Response: 53788302
Conc: 484.21 ng/ml m



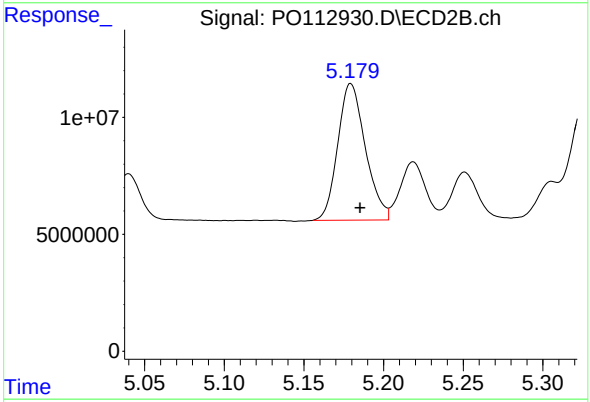
#7 AR-1016-5

R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 119061494
Conc: 542.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

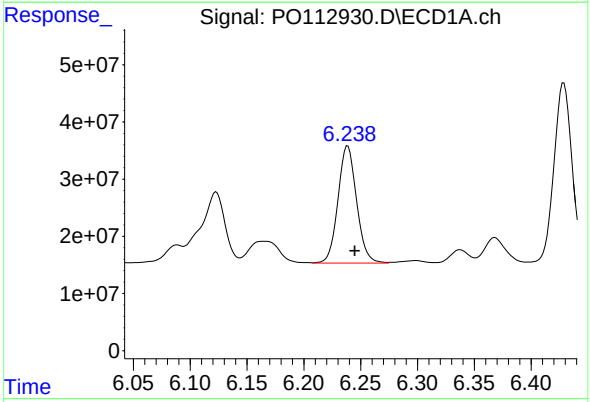
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



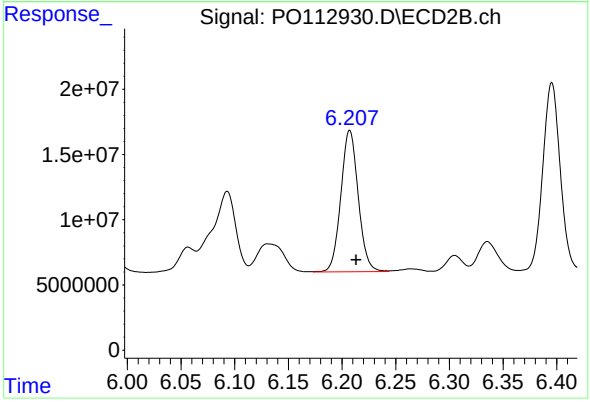
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 70479899
Conc: 491.82 ng/ml



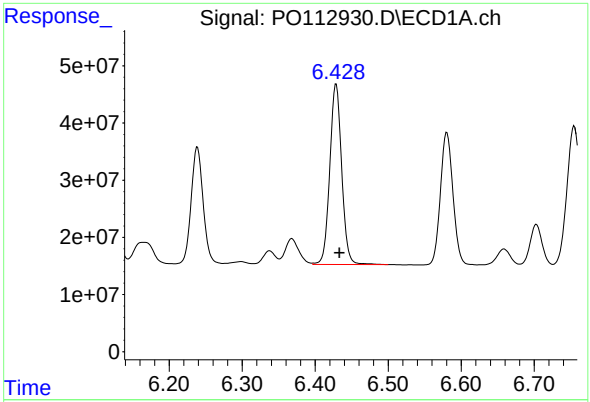
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 233719603
Conc: 531.99 ng/ml



#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 122182802
Conc: 491.66 ng/ml



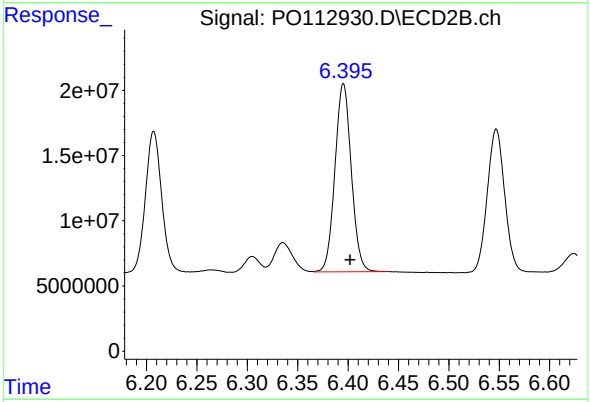
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 356744970
Conc: 518.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

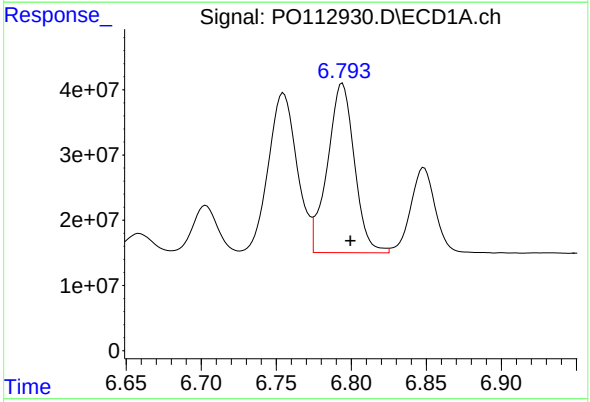
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



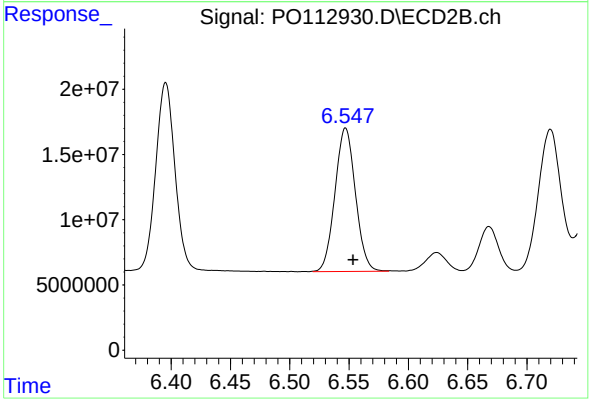
#32 AR-1260-2

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 162843180
Conc: 494.22 ng/ml



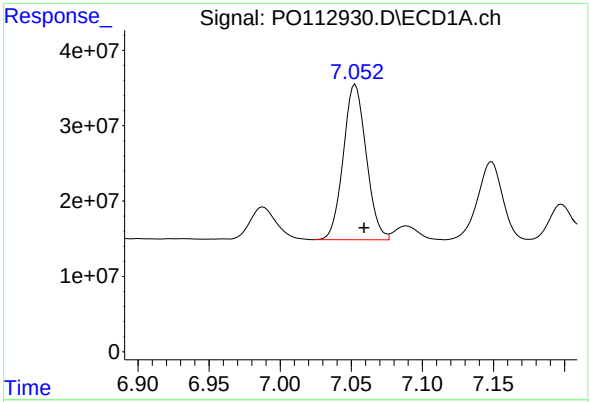
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 324440312
Conc: 551.75 ng/ml



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.007 min
Response: 132261184
Conc: 514.79 ng/ml m



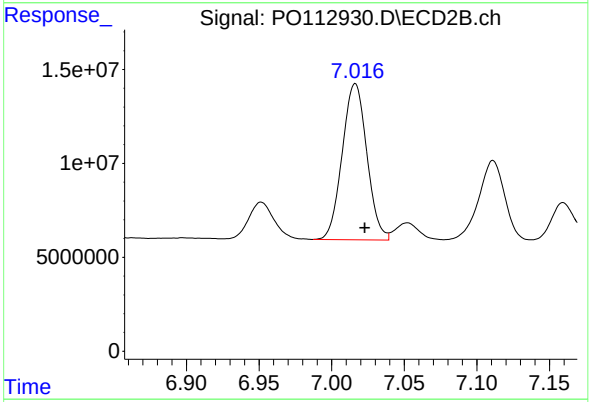
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 231785387
Conc: 513.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

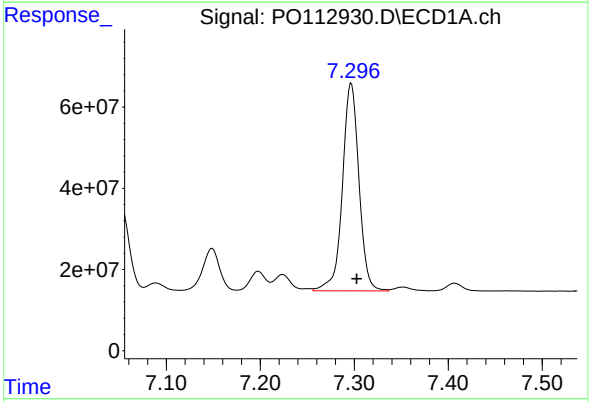
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



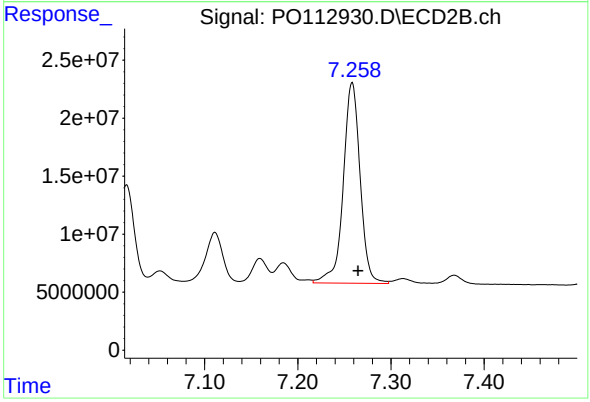
#34 AR-1260-4

R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 98251223
Conc: 513.57 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 625200433
Conc: 504.54 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 217670038
Conc: 528.08 ng/ml

Raw Data: **PO112933.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1254-1	(1)	5.56	5.56	5.46	5.66	0.00
Aroclor-1254-2	(2)	5.71	5.71	5.61	5.81	0.01
Aroclor-1254-3	(3)	6.11	6.11	6.01	6.21	0.00
Aroclor-1254-4	(4)	6.34	6.34	6.24	6.44	0.00
Aroclor-1254-5	(5)	6.76	6.76	6.66	6.86	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.70	8.60	8.80	0.01

Raw Data: **PO112933.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1254-1	(1)	5.53	5.54	5.44	5.64	0.01
Aroclor-1254-2	(2)	5.68	5.68	5.58	5.78	0.00
Aroclor-1254-3	(3)	6.08	6.08	5.98	6.18	0.00
Aroclor-1254-4	(4)	6.31	6.31	6.21	6.41	0.00
Aroclor-1254-5	(5)	6.72	6.73	6.63	6.83	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

Raw Data: **PO112933.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1254CCC500 **Data File :** PO112933.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.556	5.461	5.661	518.260	500.000	3.7
Aroclor-1254-2	5.705	5.611	5.811	534.480	500.000	6.9
Aroclor-1254-3	6.108	6.014	6.214	517.950	500.000	3.6
Aroclor-1254-4	6.338	6.244	6.444	513.790	500.000	2.8
Aroclor-1254-5	6.756	6.662	6.862	515.850	500.000	3.2
Decachlorobiphenyl	8.687	8.595	8.795	50.880	50.000	1.8
Tetrachloro-m-xylene	3.666	3.570	3.770	56.410	50.000	12.8

Raw Data: **PO112933.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1254CCC500 **Data File :** PO112933.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.529	5.435	5.635	480.390	500.000	-3.9
Aroclor-1254-2	5.677	5.583	5.783	480.730	500.000	-3.9
Aroclor-1254-3	6.077	5.984	6.184	489.620	500.000	-2.1
Aroclor-1254-4	6.306	6.211	6.411	485.870	500.000	-2.8
Aroclor-1254-5	6.720	6.627	6.827	509.000	500.000	1.8
Decachlorobiphenyl	8.632	8.541	8.741	53.380	50.000	6.8
Tetrachloro-m-xylene	3.658	3.563	3.763	53.310	50.000	6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:28
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:45:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.658	458.7E6	264.9E6	56.408	53.312
2)	SA Decachlor...	8.687	8.632	372.0E6	94326235	50.881	53.379
	Target Compounds						
26)	L6 AR-1254-1	5.556	5.529	284.5E6	157.9E6	518.259	480.390
27)	L6 AR-1254-2	5.705	5.677	259.7E6	139.2E6	534.484	480.727
28)	L6 AR-1254-3	6.108	6.077	385.5E6	209.3E6	517.949	489.620
29)	L6 AR-1254-4	6.338	6.306	282.4E6	132.6E6	513.791	485.866
30)	L6 AR-1254-5	6.756	6.720	365.1E6	170.0E6	515.852	509.000

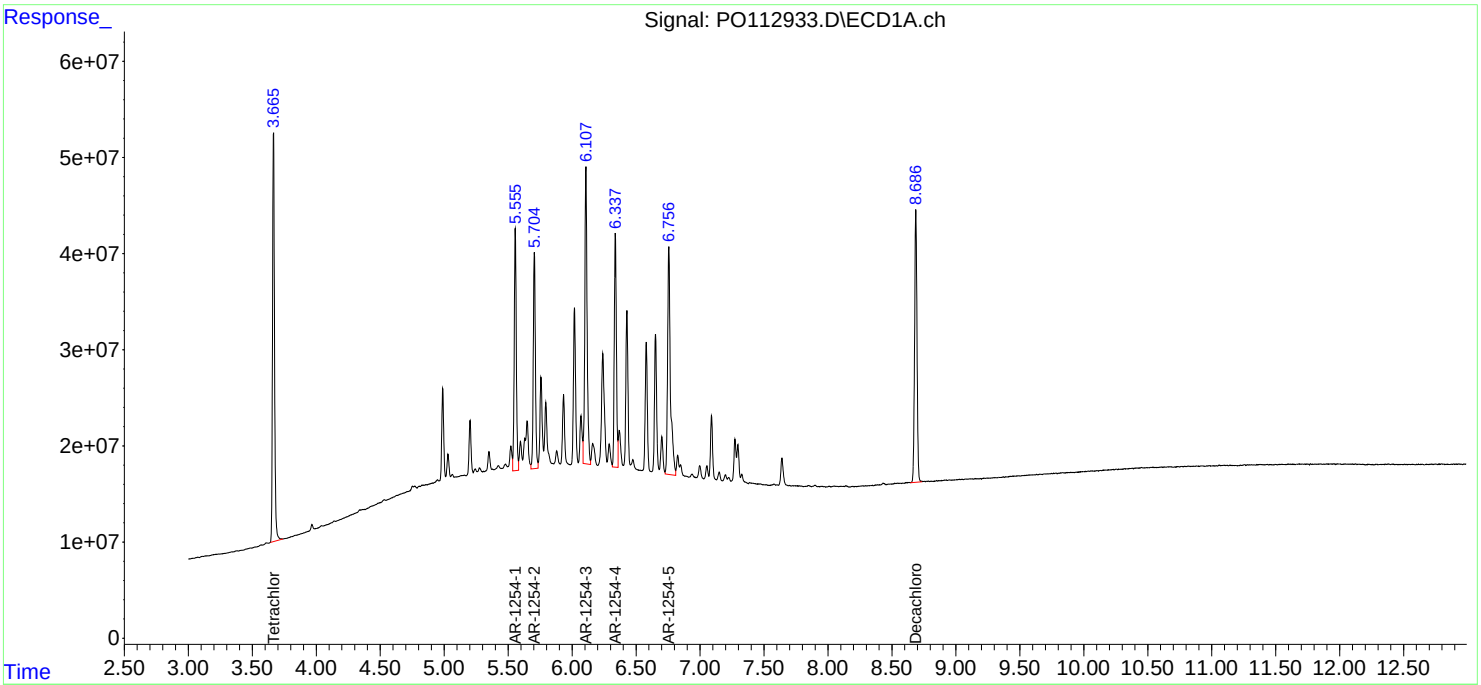
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

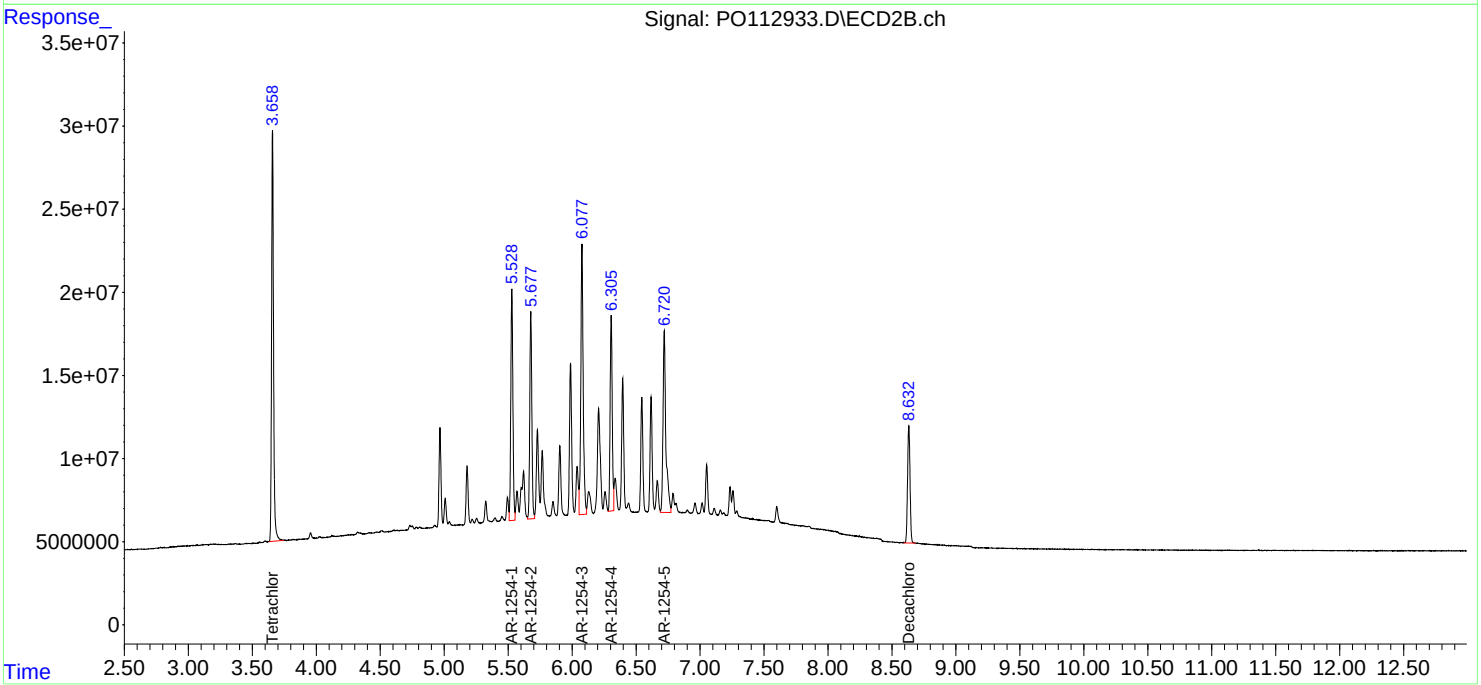
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:28
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

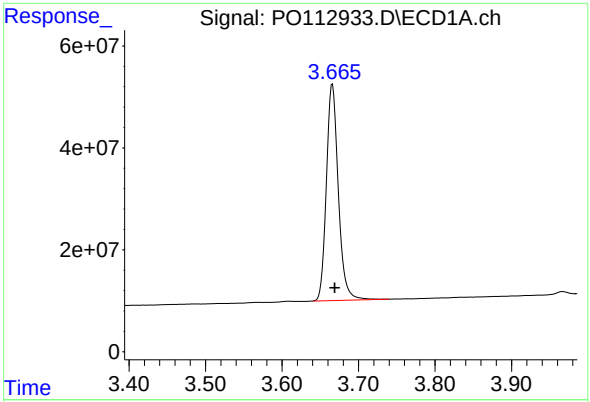
Instrument :
ECD_O
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:45:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



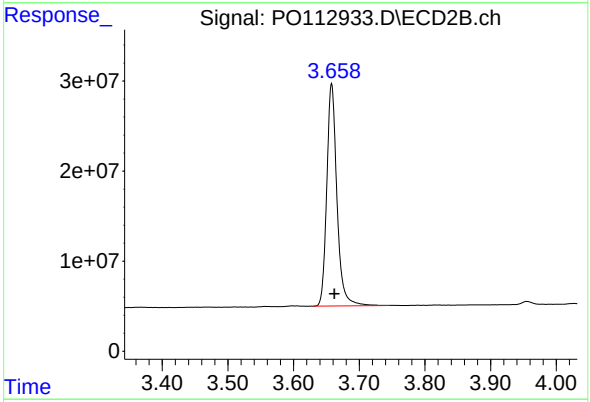




#1 Tetrachloro-m-xylene

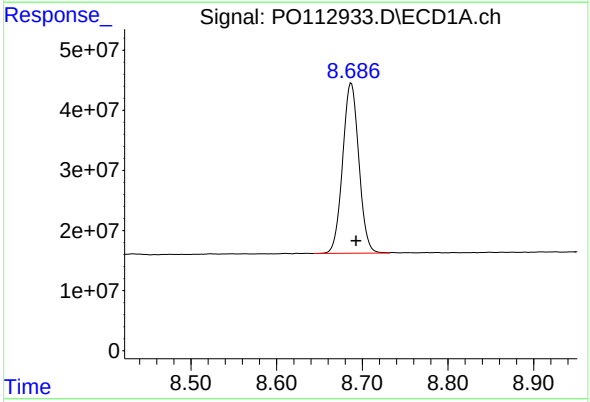
R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 458683551
Conc: 56.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



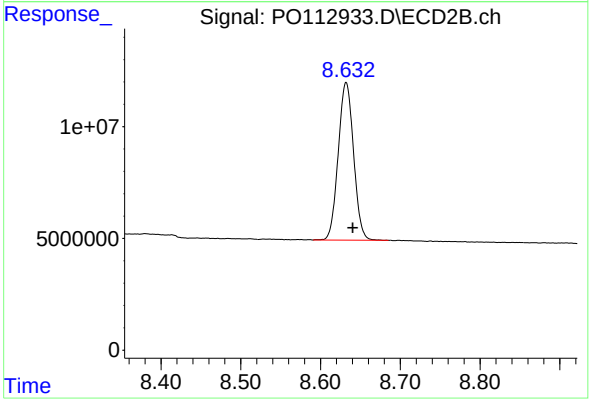
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 264917582
Conc: 53.31 ng/ml



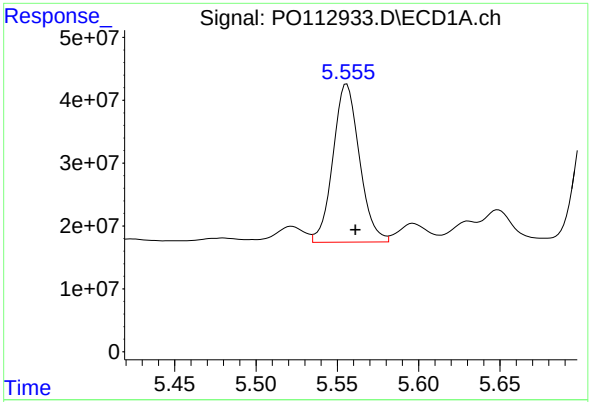
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 372034002
Conc: 50.88 ng/ml



#2 Decachlorobiphenyl

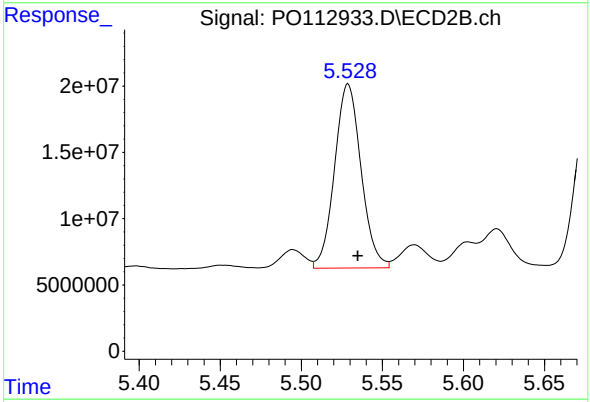
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 94326235
Conc: 53.38 ng/ml



#26 AR-1254-1

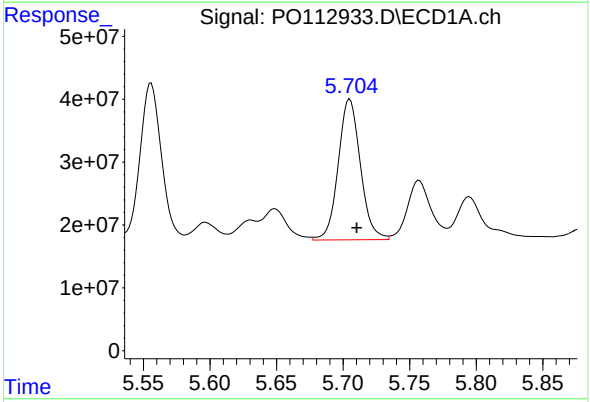
R.T.: 5.556 min
Delta R.T.: -0.005 min
Response: 284502573
Conc: 518.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



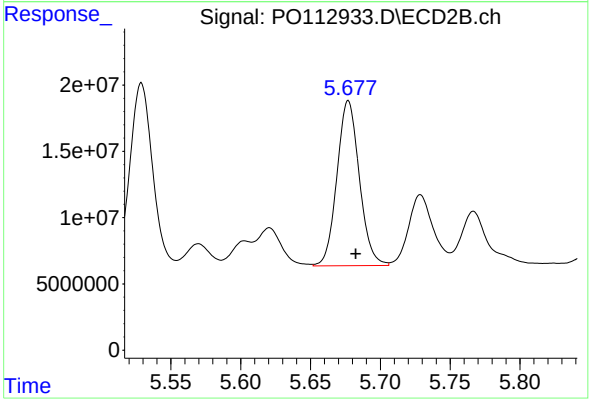
#26 AR-1254-1

R.T.: 5.529 min
Delta R.T.: -0.006 min
Response: 157866366
Conc: 480.39 ng/ml



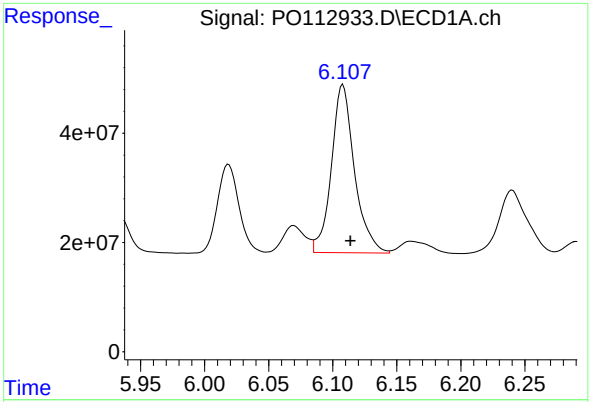
#27 AR-1254-2

R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 259715705
Conc: 534.48 ng/ml



#27 AR-1254-2

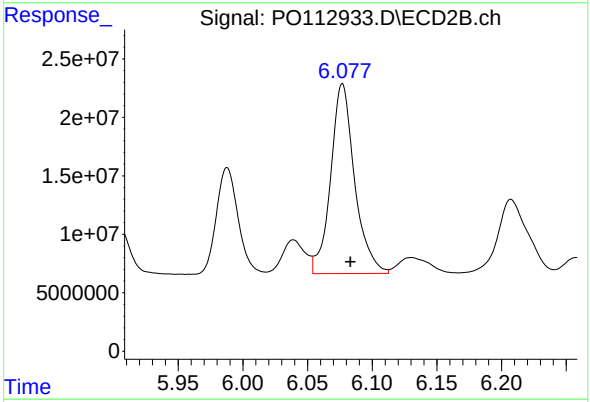
R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 139165880
Conc: 480.73 ng/ml



#28 AR-1254-3

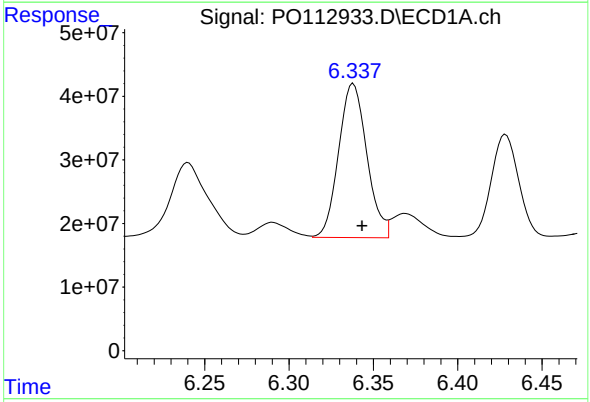
R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 385502327
Conc: 517.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



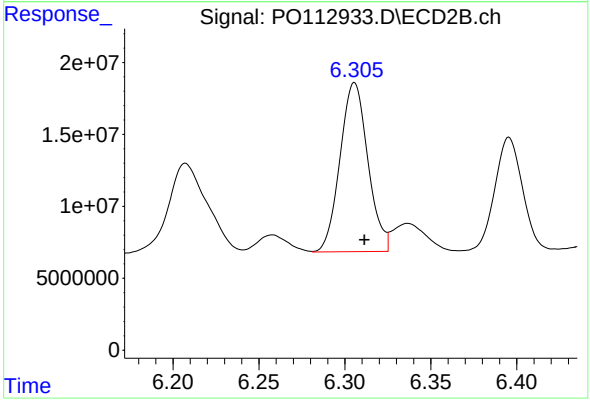
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 209293496
Conc: 489.62 ng/ml



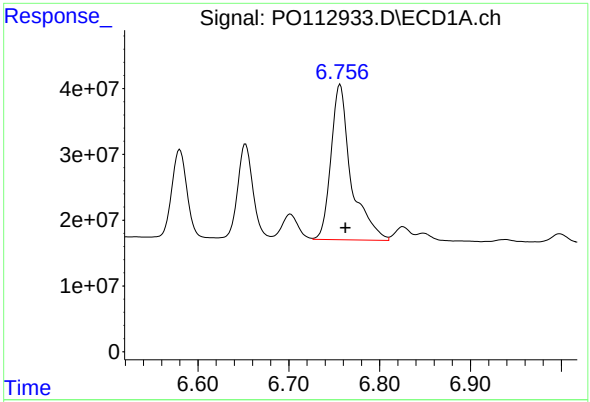
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.005 min
Response: 282432704
Conc: 513.79 ng/ml



#29 AR-1254-4

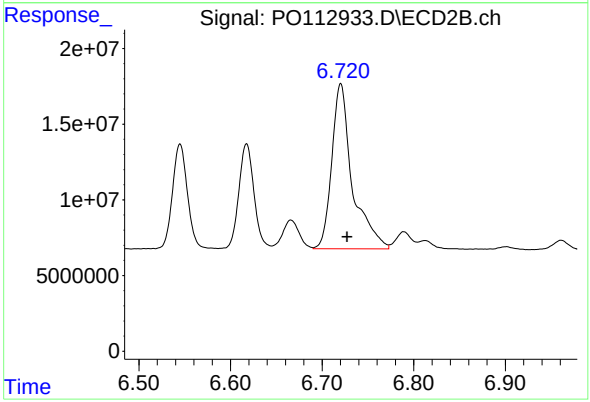
R.T.: 6.306 min
Delta R.T.: -0.006 min
Response: 132623573
Conc: 485.87 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 365132418
Conc: 515.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 170016025
Conc: 509.00 ng/ml

Raw Data: **PO112945.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:27 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	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)	6.79	6.80	6.70	6.90	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		3.67	3.67	3.57	3.77	0.01
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

Raw Data: **PO112945.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:27 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112945.D **Time Analyzed:** 15:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.749	4.655	4.855	492.510	500.000	-1.5
Aroclor-1016-2	4.768	4.674	4.874	491.760	500.000	-1.6
Aroclor-1016-3	4.825	4.731	4.931	477.380	500.000	-4.5
Aroclor-1016-4	4.944	4.851	5.051	484.610	500.000	-3.1
Aroclor-1016-5	5.201	5.108	5.308	496.740	500.000	-0.7
Aroclor-1260-1	6.237	6.145	6.345	451.200	500.000	-9.8
Aroclor-1260-2	6.427	6.333	6.533	437.550	500.000	-12.5
Aroclor-1260-3	6.793	6.700	6.900	443.170	500.000	-11.4
Aroclor-1260-4	7.052	6.959	7.159	410.660	500.000	-17.9
Aroclor-1260-5	7.295	7.203	7.403	406.730	500.000	-18.7
Decachlorobiphenyl	8.685	8.593	8.793	39.400	50.000	-21.2
Tetrachloro-m-xylene	3.665	3.569	3.769	51.520	50.000	3.0

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112945.D **Time Analyzed:** 15:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.733	4.638	4.838	468.860	500.000	-6.2
Aroclor-1016-2	4.751	4.656	4.856	470.600	500.000	-5.9
Aroclor-1016-3	4.926	4.831	5.031	459.360	500.000	-8.1
Aroclor-1016-4	4.968	4.873	5.073	462.900	500.000	-7.4
Aroclor-1016-5	5.180	5.085	5.285	466.490	500.000	-6.7
Aroclor-1260-1	6.207	6.113	6.313	438.420	500.000	-12.3
Aroclor-1260-2	6.396	6.302	6.502	443.180	500.000	-11.4
Aroclor-1260-3	6.547	6.453	6.653	454.330	500.000	-9.1
Aroclor-1260-4	7.016	6.923	7.123	450.560	500.000	-9.9
Aroclor-1260-5	7.258	7.164	7.364	471.600	500.000	-5.7
Decachlorobiphenyl	8.633	8.540	8.740	46.800	50.000	-6.4
Tetrachloro-m-xylene	3.659	3.562	3.762	49.870	50.000	-0.3

Sample Results: **PO112945.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:27
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 16:52:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.659	418.9E6	247.8E6	51.517	49.866
2)	SA Decachlor...	8.685	8.633	288.1E6	82708522	39.399	46.804
	Target Compounds						
3)	L1 AR-1016-1	4.749	4.733	132.2E6	82053133	492.515	468.856
4)	L1 AR-1016-2	4.768	4.751	199.7E6	122.6E6	491.757	470.600
5)	L1 AR-1016-3	4.825	4.926	124.9E6	62457345	477.382	459.358
6)	L1 AR-1016-4	4.944	4.968	102.7E6	51421251	484.611	462.901
7)	L1 AR-1016-5	5.201	5.180	109.0E6	66849612	496.739	466.491
31)	L7 AR-1260-1	6.237	6.207	198.2E6	109.0E6	451.204	438.416
32)	L7 AR-1260-2	6.427	6.396	301.0E6	146.0E6	437.548	443.182
33)	L7 AR-1260-3	6.793	6.547	260.6E6	116.7E6	443.170	454.333m
34)	L7 AR-1260-4	7.052	7.016	185.2E6	86197701	410.663	450.564
35)	L7 AR-1260-5	7.295	7.258	504.0E6	194.4E6	406.727	471.603

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:27
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

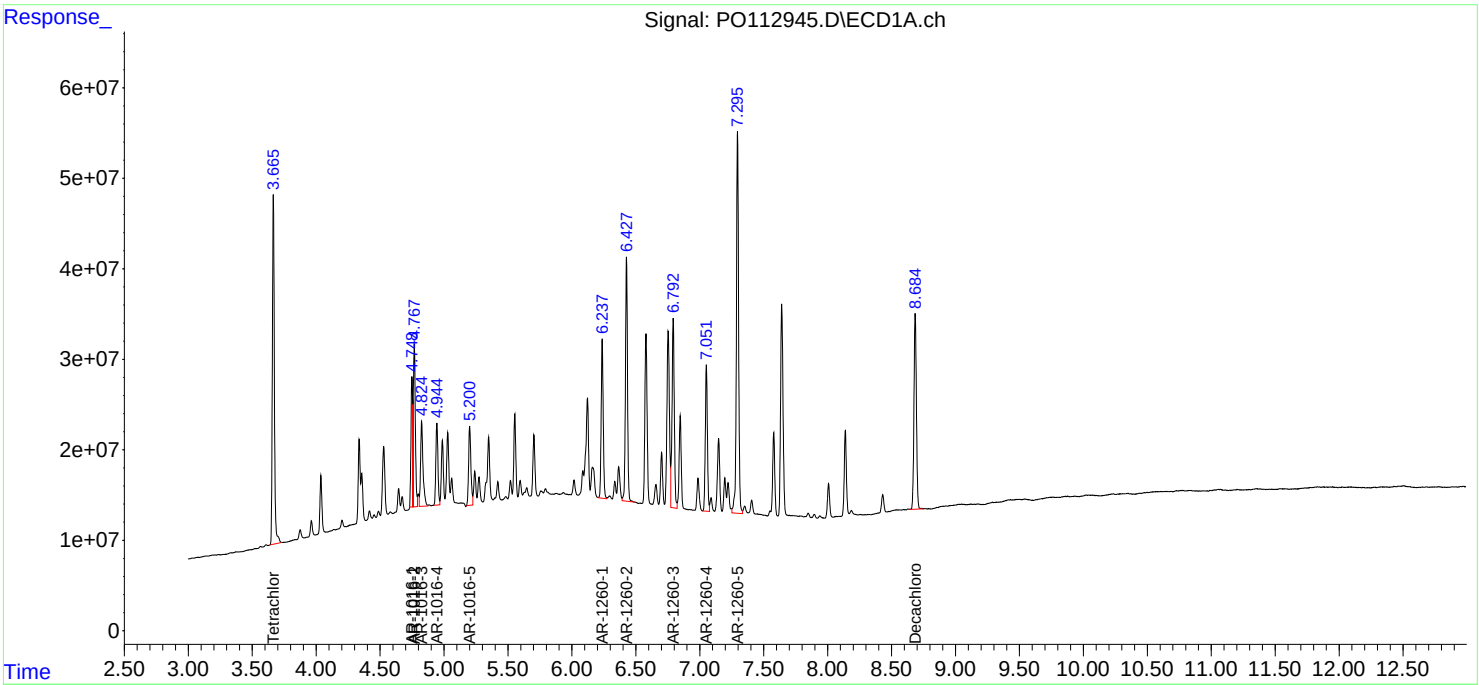
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

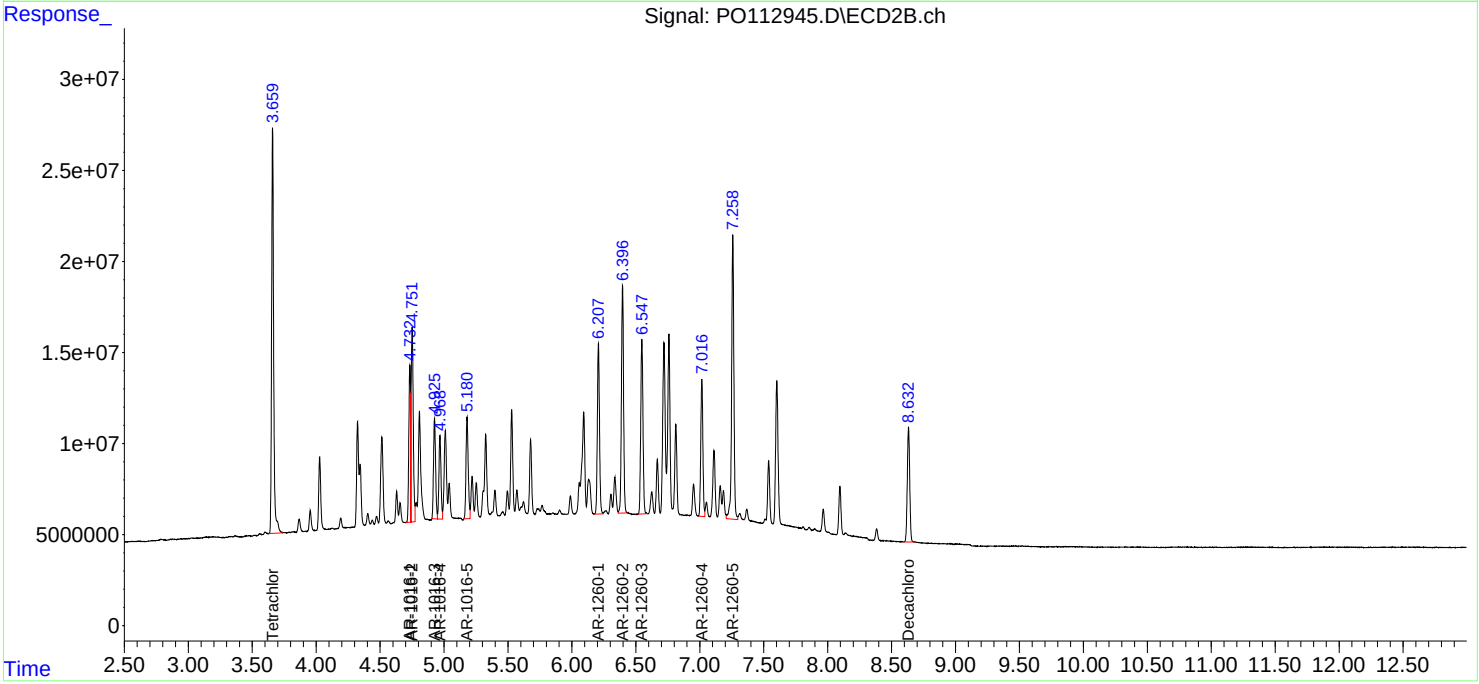
Manual Integrations APPROVED

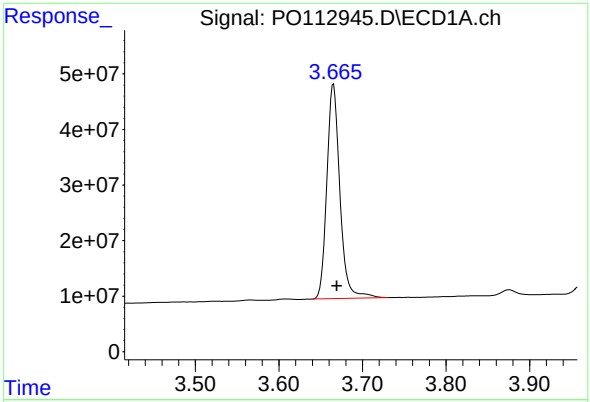
Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 16:52:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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







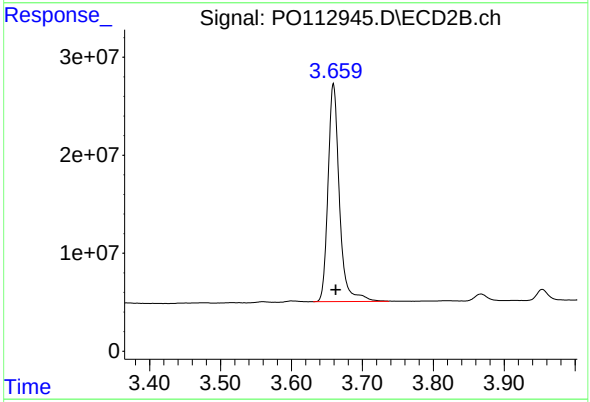
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 418917492
Conc: 51.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

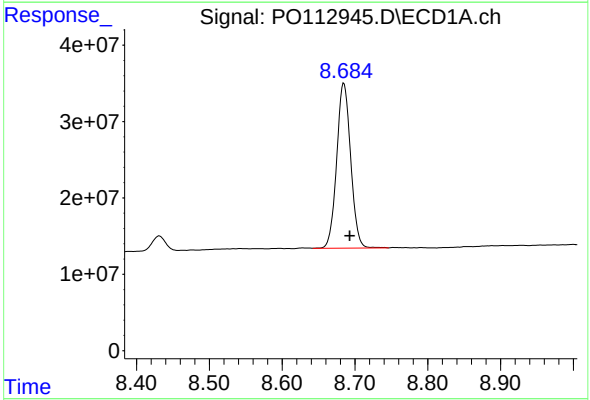
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



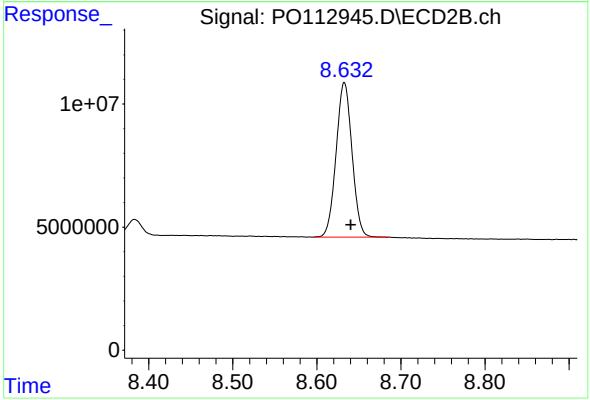
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 247793681
Conc: 49.87 ng/ml



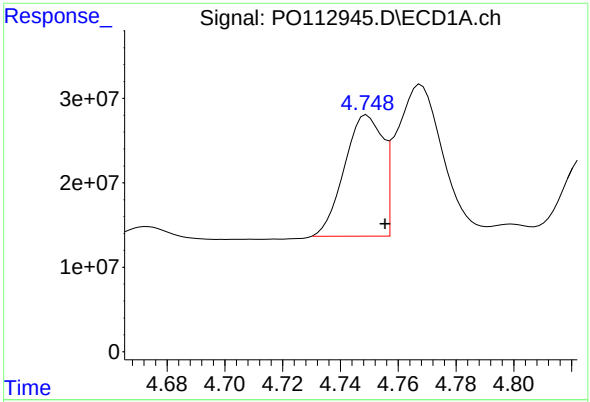
#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 288080441
Conc: 39.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 82708522
Conc: 46.80 ng/ml



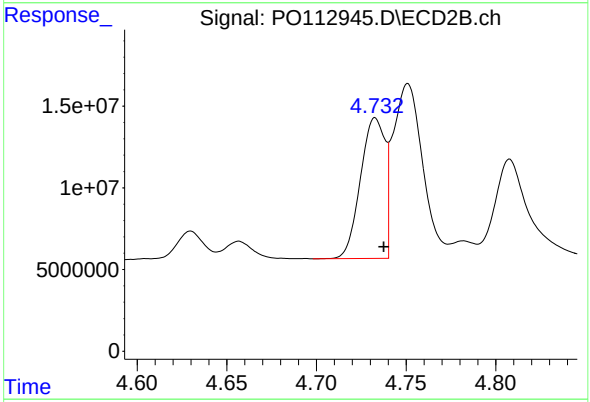
#3 AR-1016-1

R.T.: 4.749 min
Delta R.T.: -0.006 min
Response: 132174180
Conc: 492.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

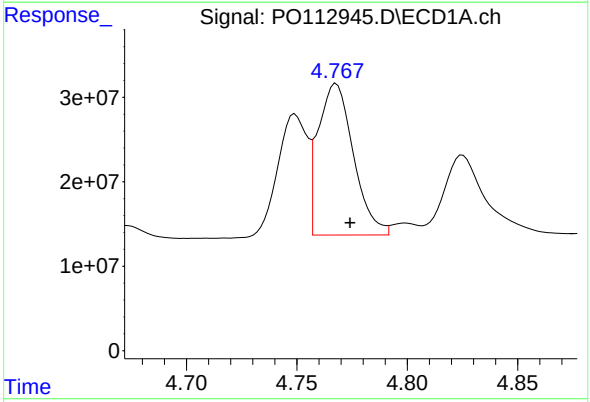
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



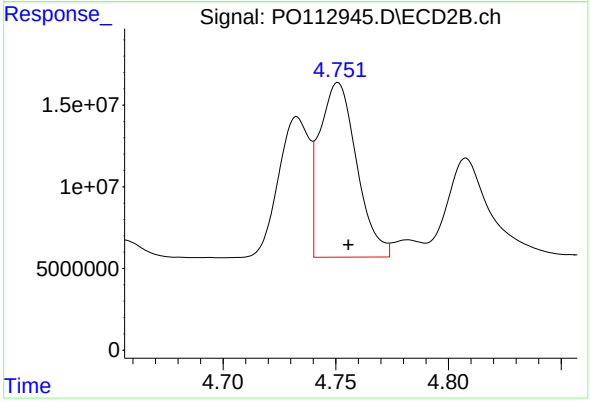
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 82053133
Conc: 468.86 ng/ml



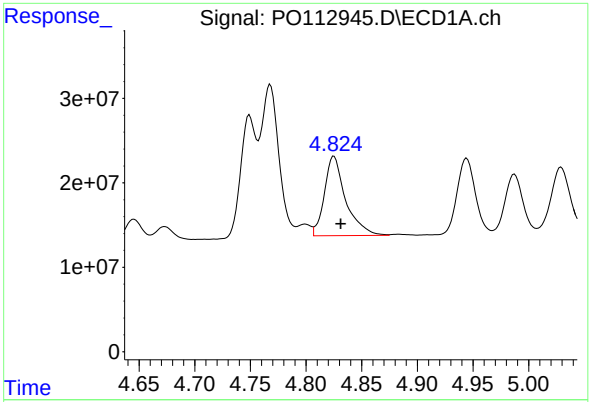
#4 AR-1016-2

R.T.: 4.768 min
Delta R.T.: -0.006 min
Response: 199711158
Conc: 491.76 ng/ml



#4 AR-1016-2

R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 122589027
Conc: 470.60 ng/ml



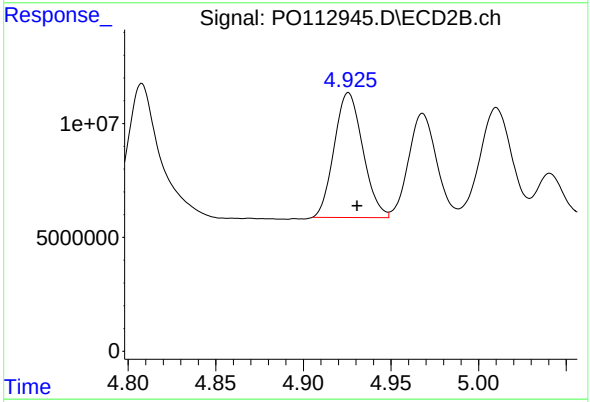
#5 AR-1016-3

R.T.: 4.825 min
Delta R.T.: -0.006 min
Response: 124918474
Conc: 477.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

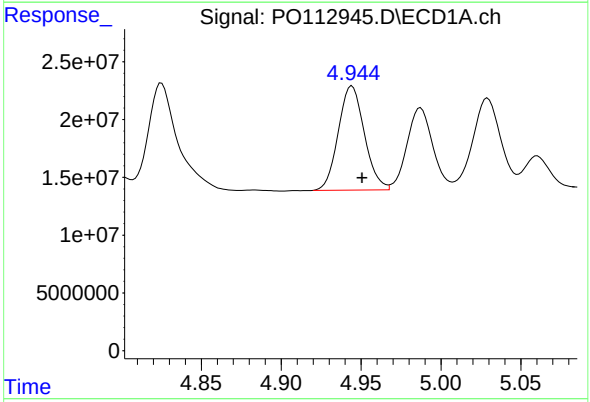
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



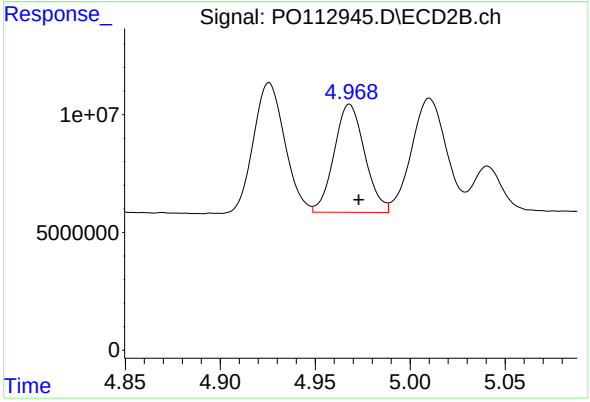
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 62457345
Conc: 459.36 ng/ml



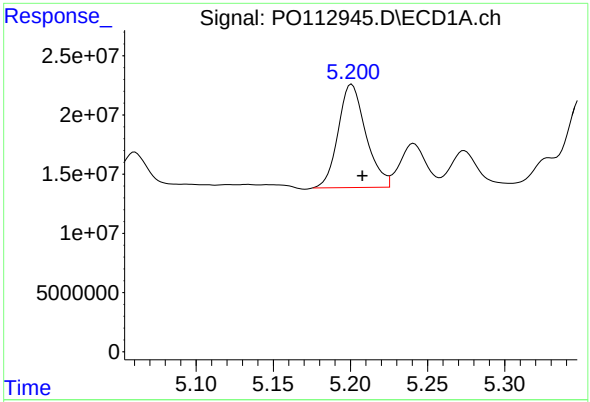
#6 AR-1016-4

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 102660641
Conc: 484.61 ng/ml



#6 AR-1016-4

R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 51421251
Conc: 462.90 ng/ml



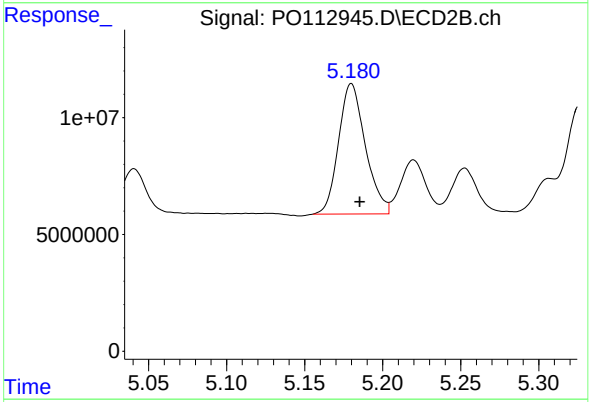
#7 AR-1016-5

R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 109019694
Conc: 496.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

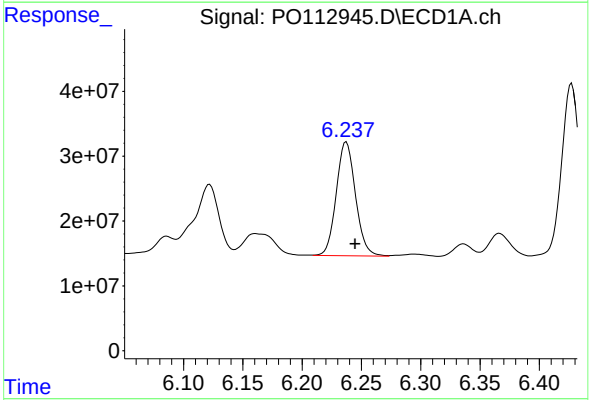
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



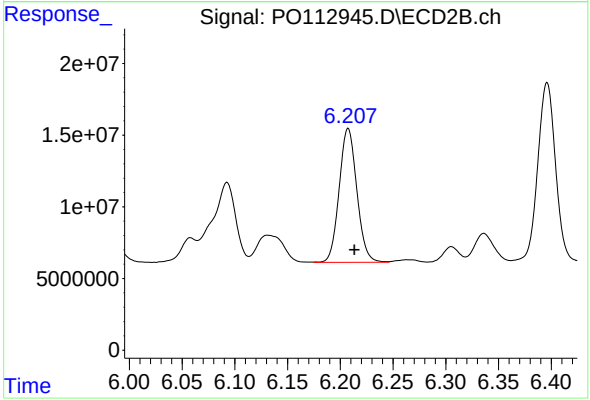
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 66849612
Conc: 466.49 ng/ml



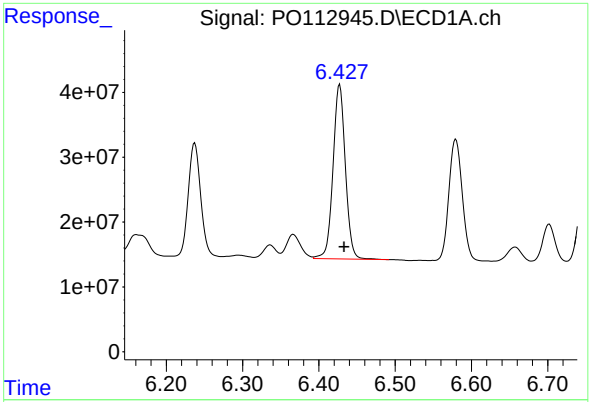
#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 198227822
Conc: 451.20 ng/ml



#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 108951350
Conc: 438.42 ng/ml



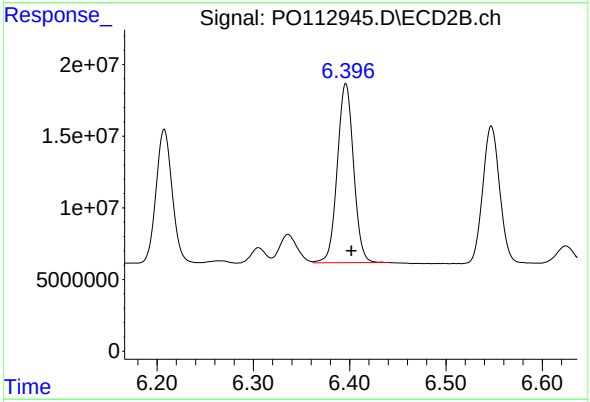
#32 AR-1260-2

R.T.: 6.427 min
Delta R.T.: -0.006 min
Response: 300986548
Conc: 437.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

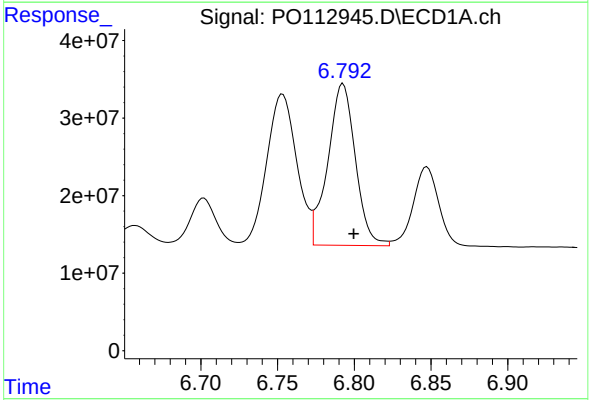
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



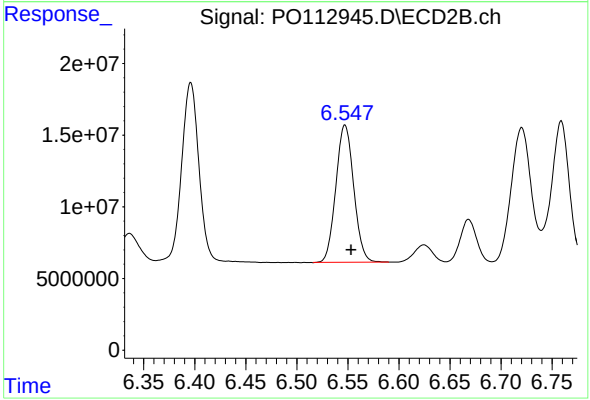
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 146025550
Conc: 443.18 ng/ml



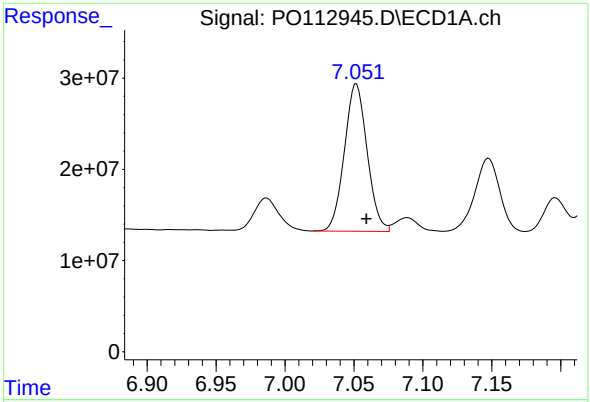
#33 AR-1260-3

R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 260592687
Conc: 443.17 ng/ml



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.007 min
Response: 116727818
Conc: 454.33 ng/ml m



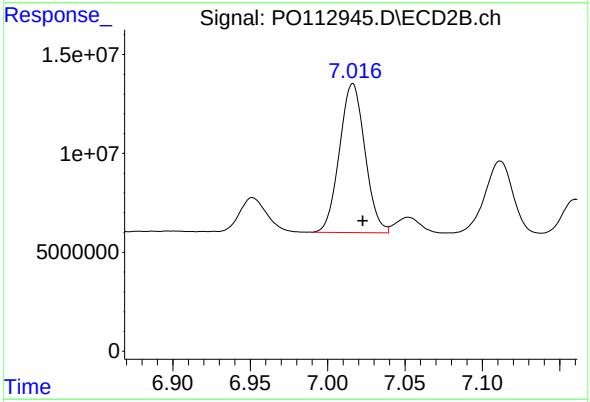
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 185210979
Conc: 410.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

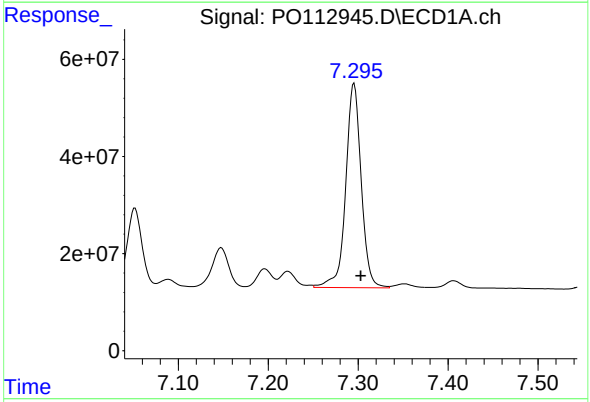
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



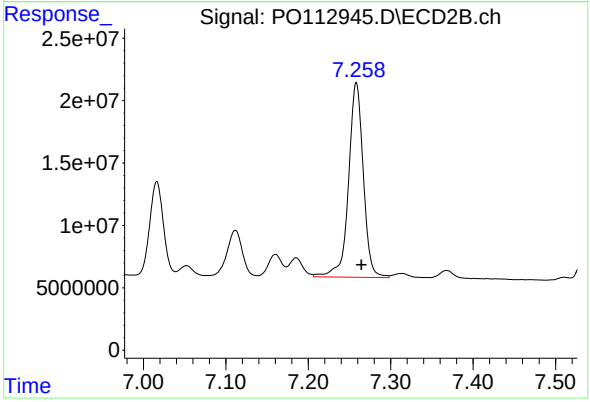
#34 AR-1260-4

R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 86197701
Conc: 450.56 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.007 min
Response: 503991688
Conc: 406.73 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 194391830
Conc: 471.60 ng/ml

Raw Data: **PO112948.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 16:20 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1254-1	(1)	5.55	5.56	5.46	5.66	0.01
Aroclor-1254-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1254-3	(3)	6.11	6.11	6.01	6.21	0.00
Aroclor-1254-4	(4)	6.34	6.34	6.24	6.44	0.00
Aroclor-1254-5	(5)	6.75	6.76	6.66	6.86	0.01
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.01
Decachlorobiphenyl		8.69	8.70	8.60	8.80	0.01

Raw Data: **PO112948.D**

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 16:20 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1254-1	(1)	5.53	5.54	5.44	5.64	0.01
Aroclor-1254-2	(2)	5.68	5.68	5.58	5.78	0.00
Aroclor-1254-3	(3)	6.08	6.08	5.98	6.18	0.00
Aroclor-1254-4	(4)	6.31	6.31	6.21	6.41	0.01
Aroclor-1254-5	(5)	6.72	6.73	6.63	6.83	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

Raw Data: **PO112948.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL06 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1254CCC500 **Data File :** PO112948.D **Time Analyzed:** 16:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.554	5.461	5.661	512.350	500.000	2.5
Aroclor-1254-2	5.703	5.611	5.811	524.120	500.000	4.8
Aroclor-1254-3	6.106	6.014	6.214	483.810	500.000	-3.2
Aroclor-1254-4	6.336	6.244	6.444	482.870	500.000	-3.4
Aroclor-1254-5	6.754	6.662	6.862	490.050	500.000	-2.0
Decachlorobiphenyl	8.686	8.595	8.795	46.630	50.000	-6.7
Tetrachloro-m-xylene	3.665	3.570	3.770	55.050	50.000	10.1

Raw Data: **PO112948.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL06 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1254CCC500 **Data File :** PO112948.D **Time Analyzed:** 16:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.530	5.435	5.635	477.220	500.000	-4.6
Aroclor-1254-2	5.677	5.583	5.783	478.260	500.000	-4.3
Aroclor-1254-3	6.077	5.984	6.184	476.060	500.000	-4.8
Aroclor-1254-4	6.305	6.211	6.411	469.550	500.000	-6.1
Aroclor-1254-5	6.720	6.627	6.827	485.160	500.000	-3.0
Decachlorobiphenyl	8.632	8.541	8.741	51.230	50.000	2.5
Tetrachloro-m-xylene	3.659	3.563	3.763	52.780	50.000	5.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 16:20
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 16:54:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.659	447.6E6	262.3E6	55.047	52.776
2)	SA Decachlor...	8.686	8.632	341.0E6	90525587	46.635	51.228
	Target Compounds						
26)	L6 AR-1254-1	5.554	5.530	281.3E6	156.8E6	512.347	477.220
27)	L6 AR-1254-2	5.703	5.677	254.7E6	138.5E6	524.125	478.261
28)	L6 AR-1254-3	6.106	6.077	360.1E6	203.5E6	483.809	476.062
29)	L6 AR-1254-4	6.336	6.305	265.4E6	128.2E6	482.874	469.553
30)	L6 AR-1254-5	6.754	6.720	346.9E6	162.1E6	490.048	485.160

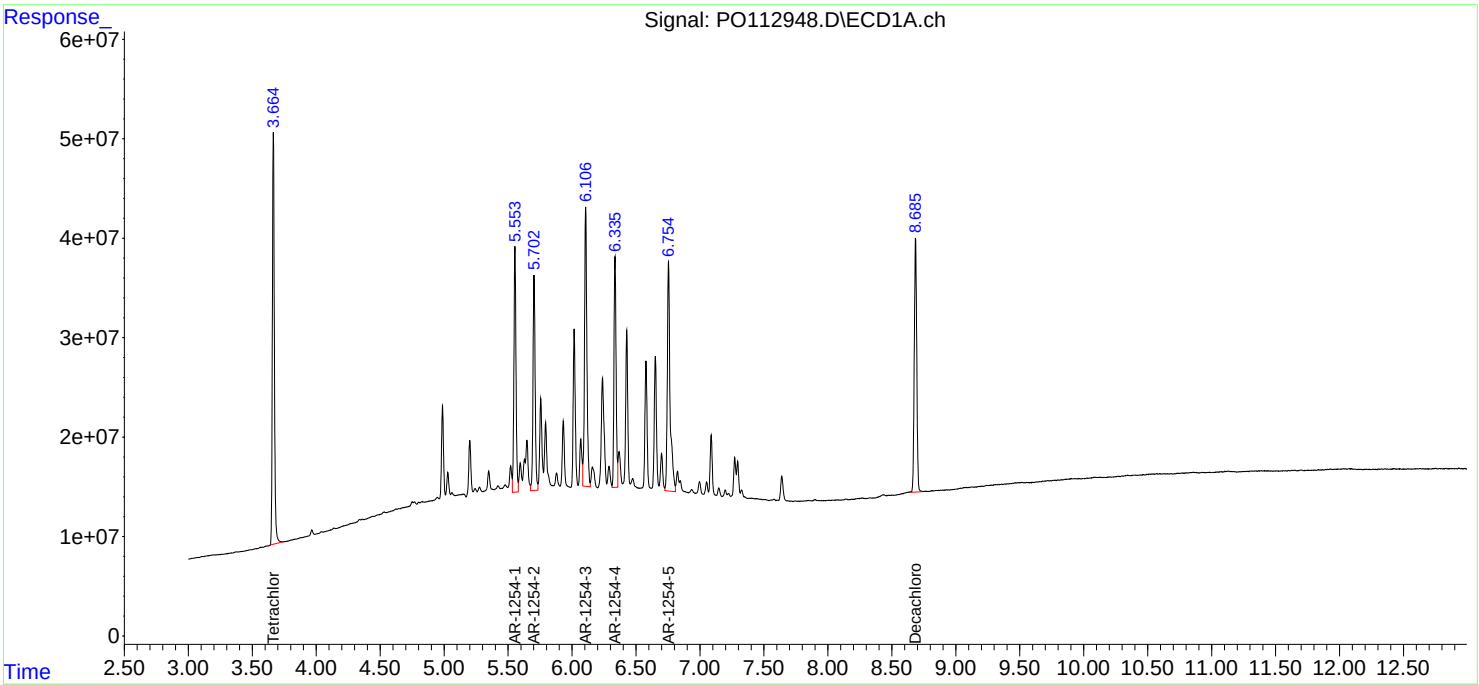
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

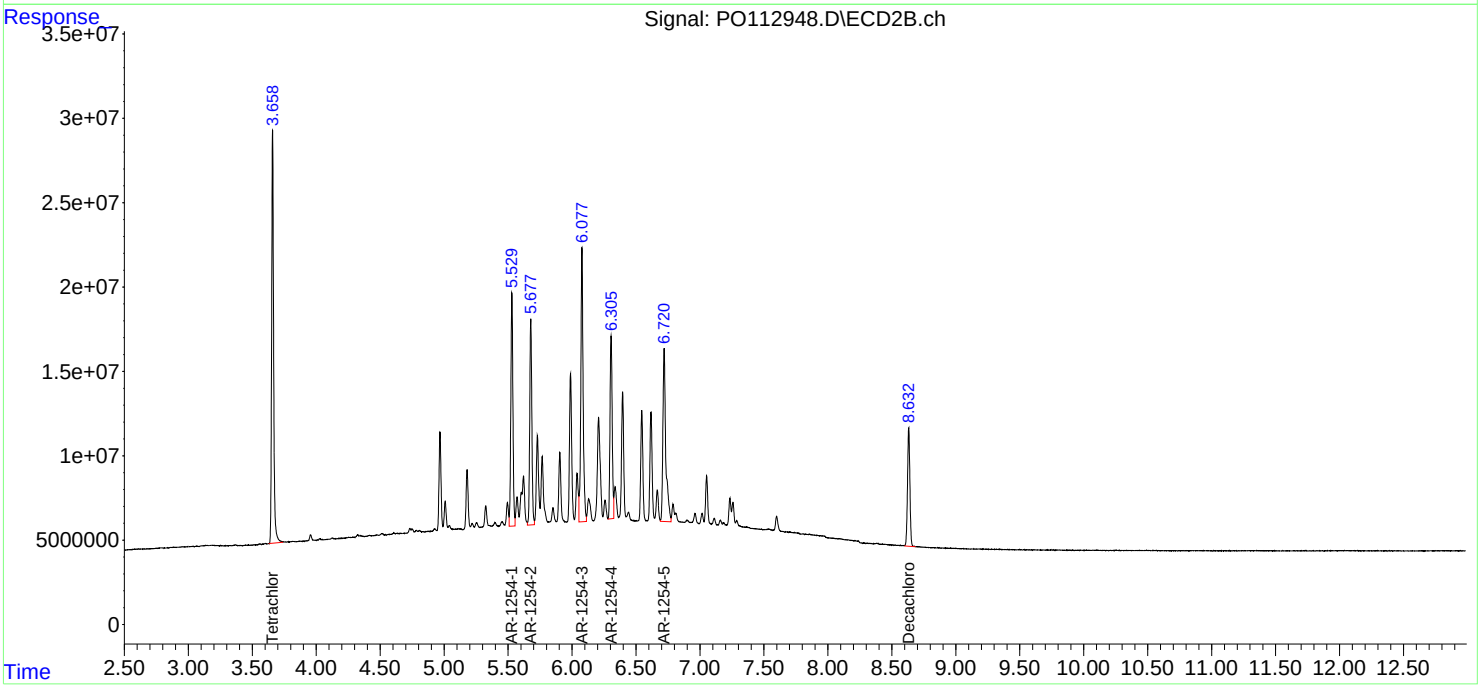
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 16:20
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

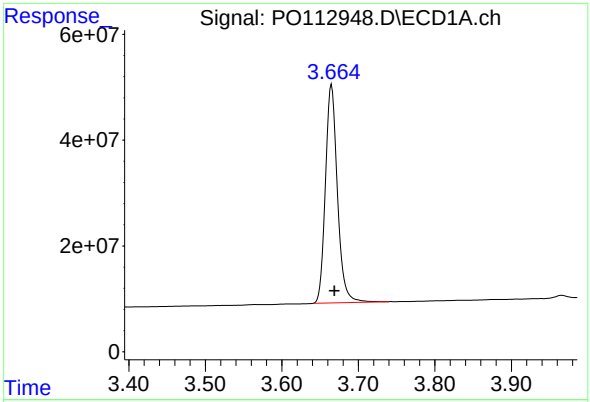
Instrument :
ECD_O
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 16:54:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



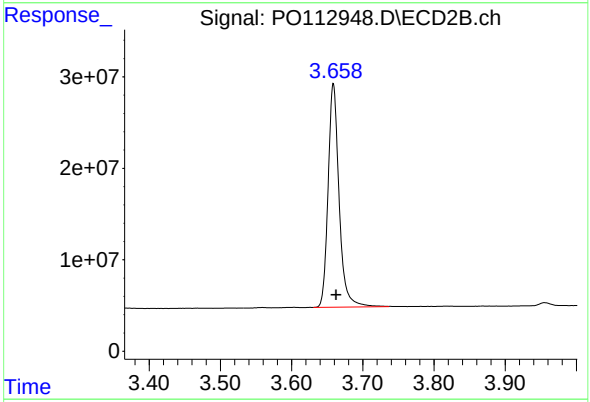




#1 Tetrachloro-m-xylene

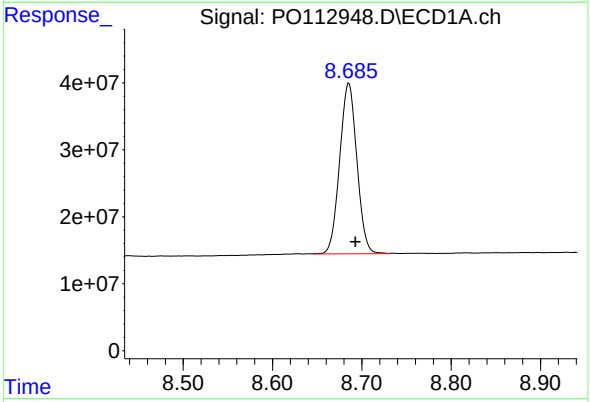
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 447618683
Conc: 55.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



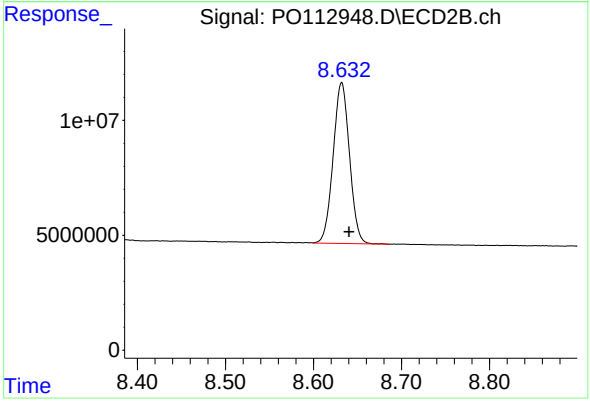
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 262253726
Conc: 52.78 ng/ml



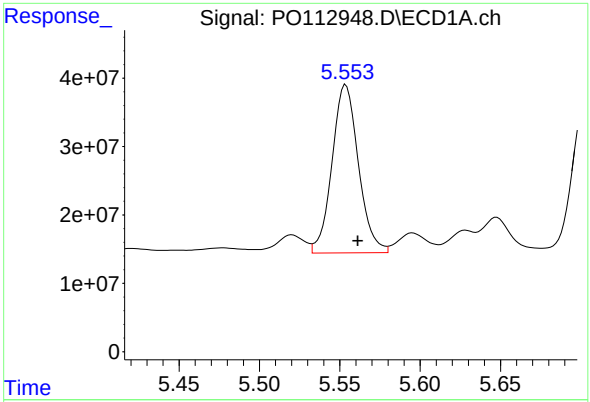
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 340983830
Conc: 46.63 ng/ml



#2 Decachlorobiphenyl

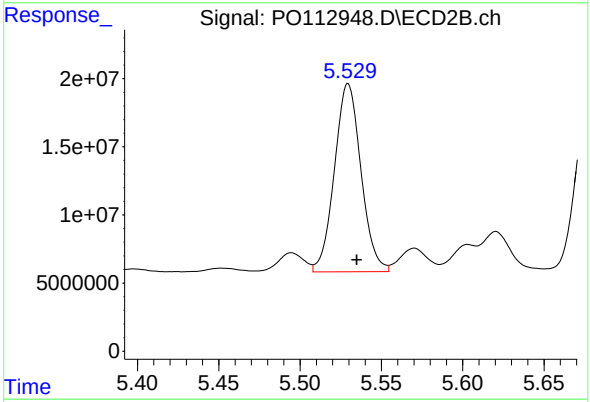
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 90525587
Conc: 51.23 ng/ml



#26 AR-1254-1

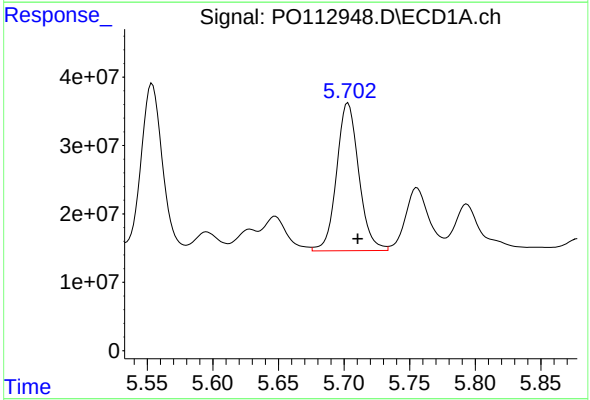
R.T.: 5.554 min
Delta R.T.: -0.007 min
Response: 281257095
Conc: 512.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



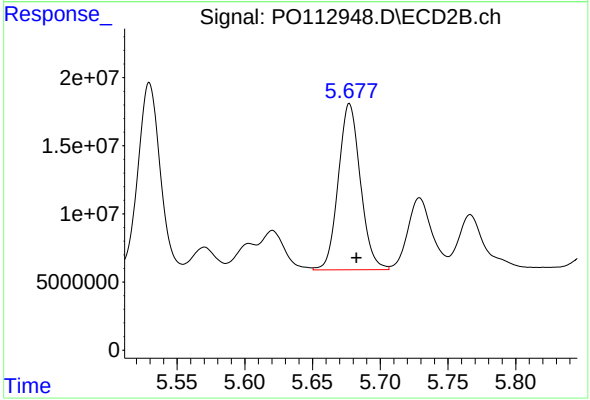
#26 AR-1254-1

R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 156824597
Conc: 477.22 ng/ml



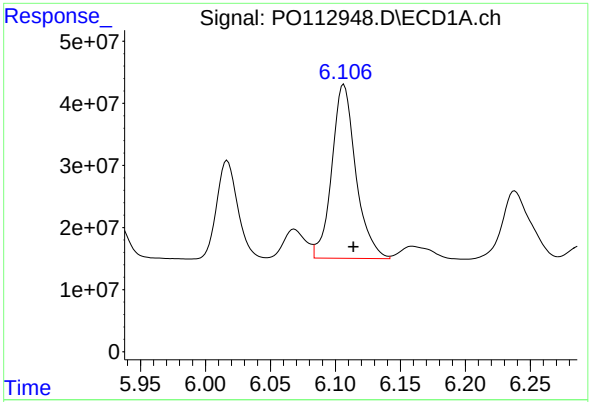
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 254682016
Conc: 524.12 ng/ml



#27 AR-1254-2

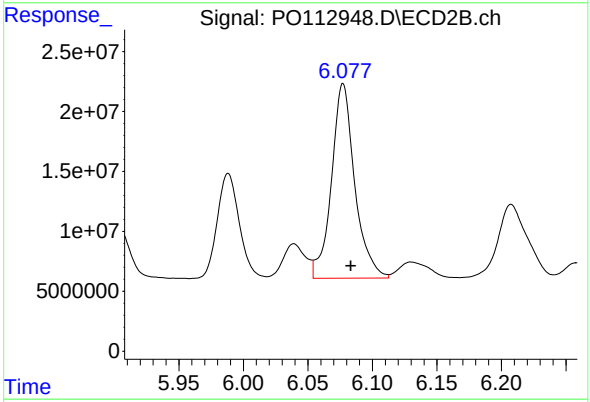
R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 138452119
Conc: 478.26 ng/ml



#28 AR-1254-3

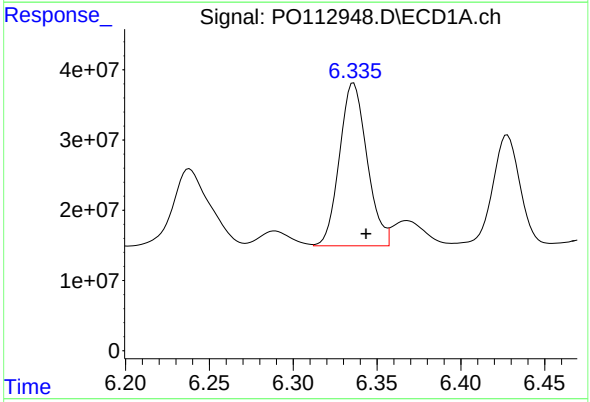
R.T.: 6.106 min
Delta R.T.: -0.007 min
Response: 360092590
Conc: 483.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



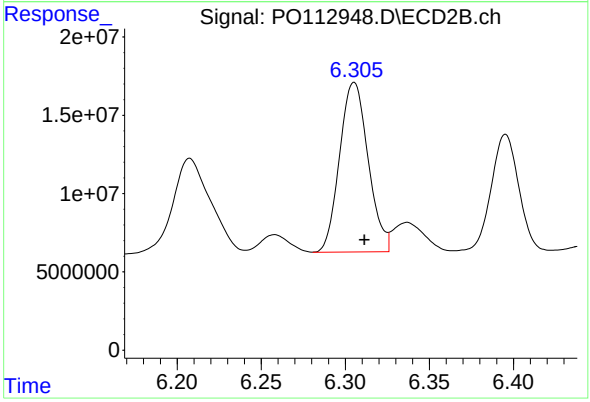
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 203497961
Conc: 476.06 ng/ml



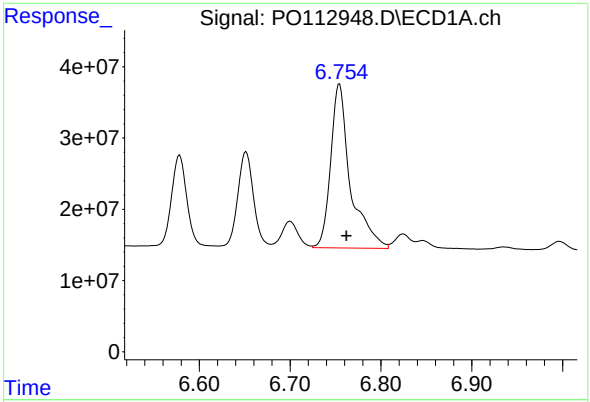
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: -0.007 min
Response: 265437770
Conc: 482.87 ng/ml



#29 AR-1254-4

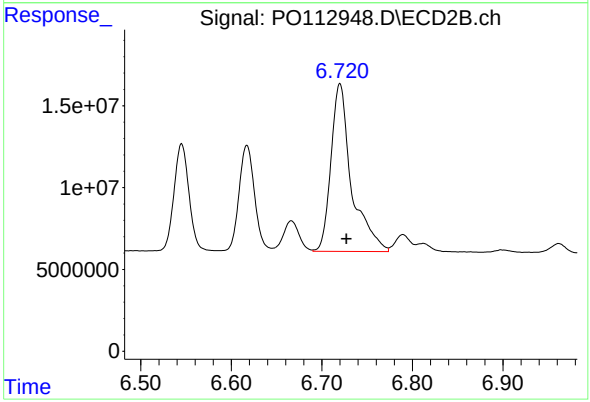
R.T.: 6.305 min
Delta R.T.: -0.006 min
Response: 128170593
Conc: 469.55 ng/ml



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: -0.008 min
Response: 346868040
Conc: 490.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 162053022
Conc: 485.16 ng/ml

Raw Data: **PP074348.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:54 **Initial Calibration Time(s):** 12:05 20:28

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.44	10.34	10.54	0.00

Raw Data: **PP074348.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:54 **Initial Calibration Time(s):** 12:05 20:28

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)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

Raw Data: **PP074348.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL07 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074348.D **Time Analyzed:** 15:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.712	5.912	539.370	500.000	7.9
Aroclor-1016-2	5.831	5.733	5.933	519.350	500.000	3.9
Aroclor-1016-3	5.894	5.796	5.996	536.400	500.000	7.3
Aroclor-1016-4	5.991	5.893	6.093	538.480	500.000	7.7
Aroclor-1016-5	6.283	6.186	6.386	527.750	500.000	5.6
Aroclor-1260-1	7.400	7.303	7.503	507.600	500.000	1.5
Aroclor-1260-2	7.653	7.555	7.755	482.260	500.000	-3.5
Aroclor-1260-3	8.011	7.913	8.113	488.950	500.000	-2.2
Aroclor-1260-4	8.239	8.142	8.342	492.340	500.000	-1.5
Aroclor-1260-5	8.565	8.468	8.668	476.780	500.000	-4.6
Decachlorobiphenyl	10.438	10.338	10.538	48.810	50.000	-2.4
Tetrachloro-m-xylene	4.657	4.560	4.760	55.460	50.000	10.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL07 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074348.D **Time Analyzed:** 15:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.806	5.006	574.110	500.000	14.8
Aroclor-1016-2	4.959	4.863	5.063	586.940	500.000	17.4
Aroclor-1016-3	5.078	4.983	5.183	583.830	500.000	16.8
Aroclor-1016-4	5.119	5.023	5.223	582.340	500.000	16.5
Aroclor-1016-5	5.334	5.239	5.439	587.300	500.000	17.5
Aroclor-1260-1	6.551	6.455	6.655	541.220	500.000	8.2
Aroclor-1260-2	6.705	6.609	6.809	539.610	500.000	7.9
Aroclor-1260-3	6.915	6.819	7.019	553.120	500.000	10.6
Aroclor-1260-4	7.175	7.079	7.279	545.680	500.000	9.1
Aroclor-1260-5	7.414	7.318	7.518	545.310	500.000	9.1
Decachlorobiphenyl	8.820	8.726	8.926	51.600	50.000	3.2
Tetrachloro-m-xylene	3.800	3.705	3.905	59.690	50.000	19.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:54
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: Aug 13 23:57:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.657	3.800	62025915	228.9E6	55.464	59.690
2)	SA Decachlor...	10.438	8.820	47401373	310.3E6	48.809	51.598
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	22252627	229.0E6	539.369	574.107
4)	L1 AR-1016-2	5.831	4.959	31546303	110.2E6	519.351	586.937
5)	L1 AR-1016-3	5.894	5.078	21273833	61926803	536.398	583.832
6)	L1 AR-1016-4	5.991	5.119	17524614	63603006	538.482	582.338
7)	L1 AR-1016-5	6.283	5.334	17134940	68692630	527.748	587.301
31)	L7 AR-1260-1	7.400	6.551	28606206	218.6E6	507.598	541.223
32)	L7 AR-1260-2	7.653	6.705	32867113	168.7E6	482.259	539.612
33)	L7 AR-1260-3	8.011	6.915	26059301	218.0E6	488.955	553.123
34)	L7 AR-1260-4	8.239	7.175	30827910	158.8E6	492.341	545.677
35)	L7 AR-1260-5	8.565	7.414	54021439	413.0E6	476.779	545.306

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

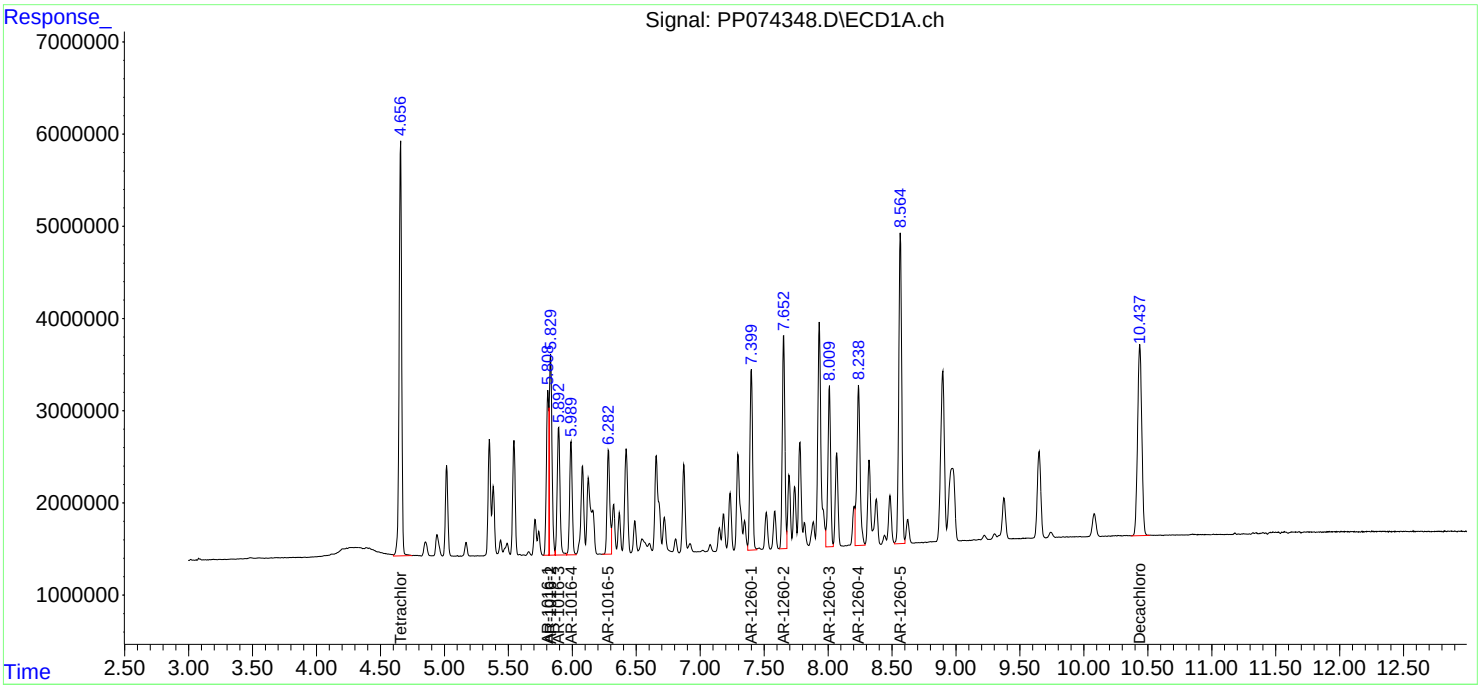
Sample Results: **PP074348.D**

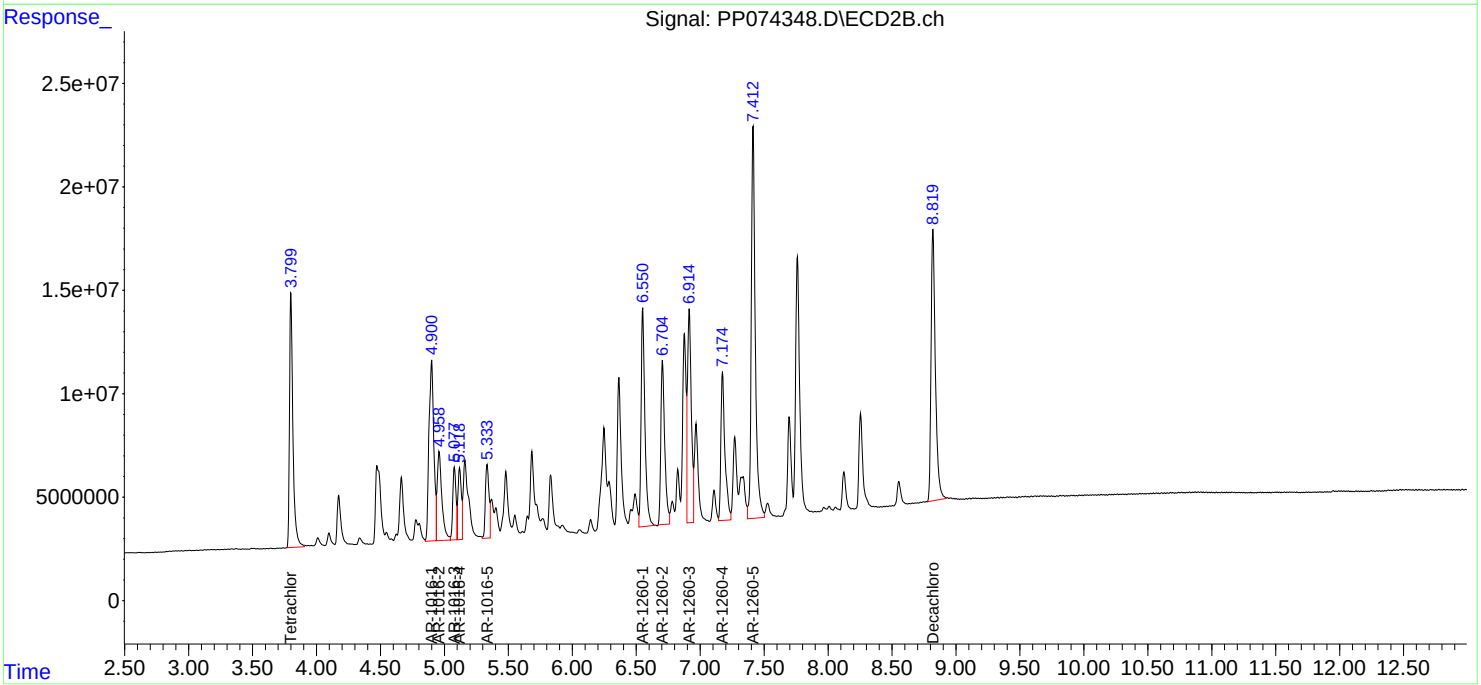
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:54
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

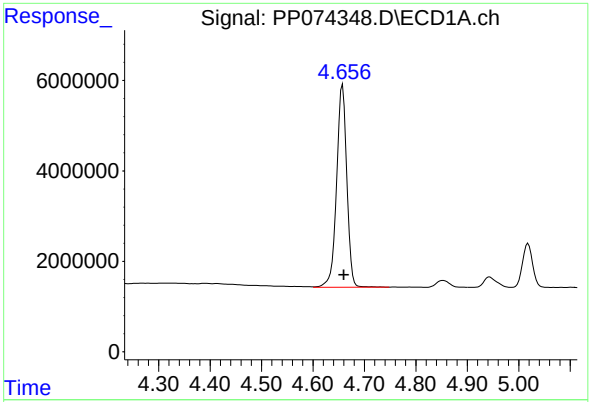
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 23:57:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



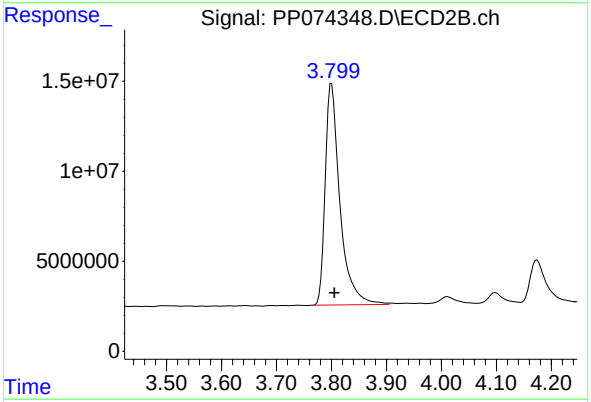




#1 Tetrachloro-m-xylene

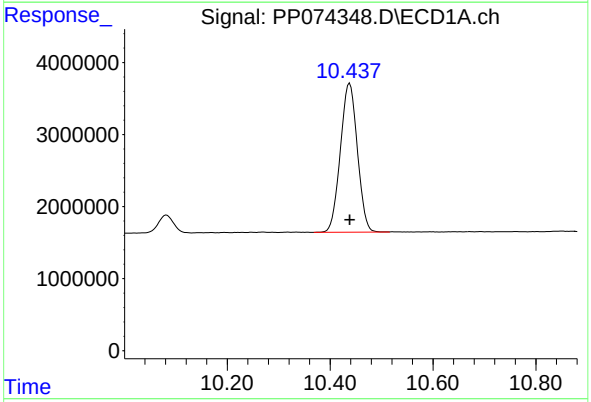
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 62025915
Conc: 55.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



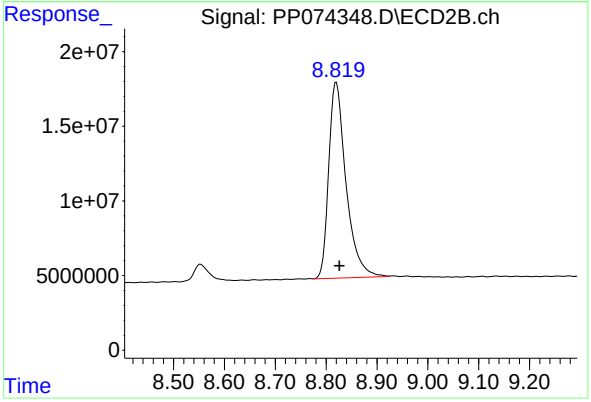
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 228878049
Conc: 59.69 ng/ml



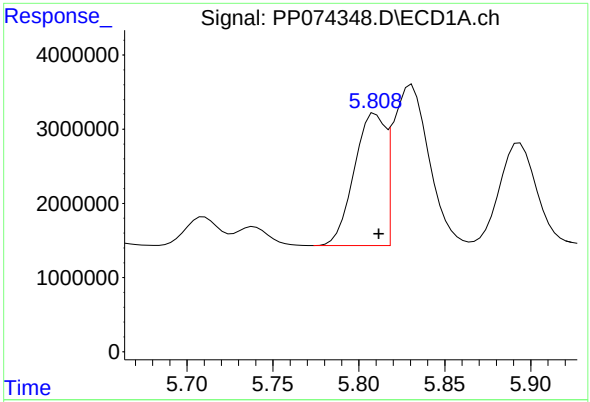
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 47401373
Conc: 48.81 ng/ml



#2 Decachlorobiphenyl

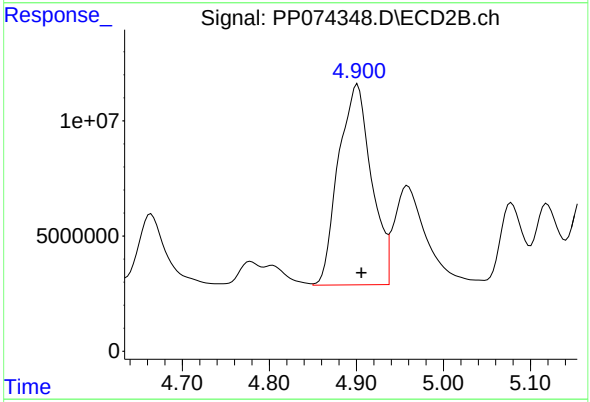
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 310293637
Conc: 51.60 ng/ml



#3 AR-1016-1

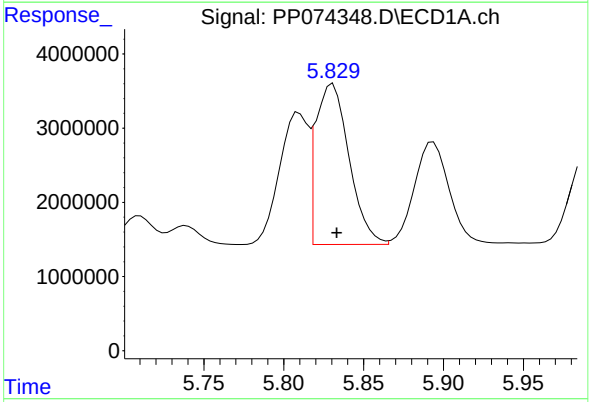
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 22252627
Conc: 539.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



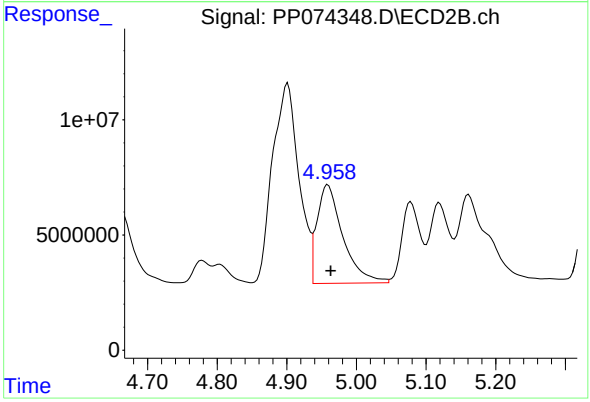
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 229004110
Conc: 574.11 ng/ml



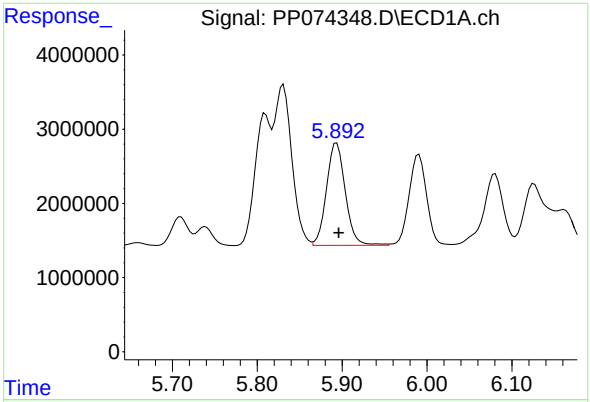
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.003 min
Response: 31546303
Conc: 519.35 ng/ml



#4 AR-1016-2

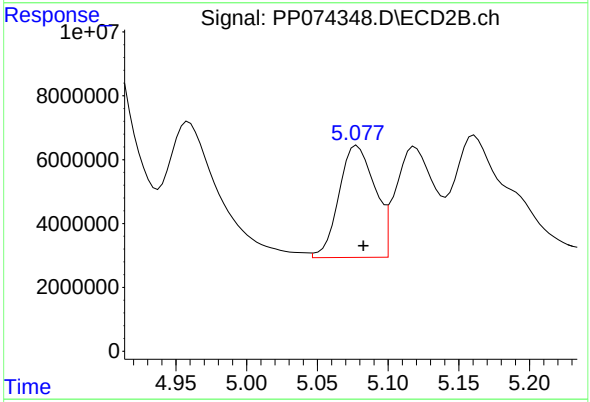
R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 110232020
Conc: 586.94 ng/ml



#5 AR-1016-3

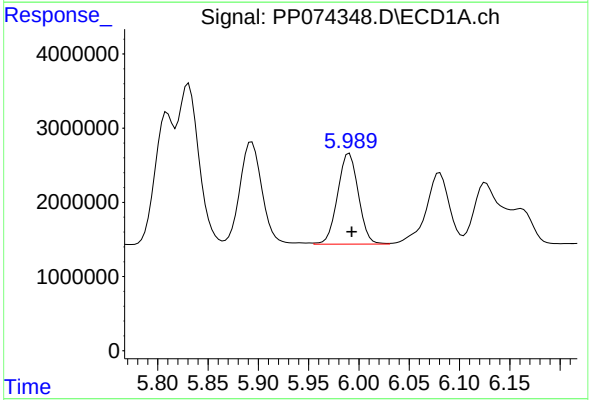
R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 21273833
Conc: 536.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



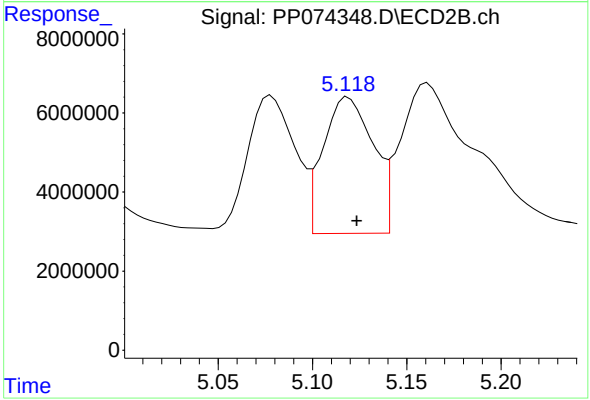
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 61926803
Conc: 583.83 ng/ml



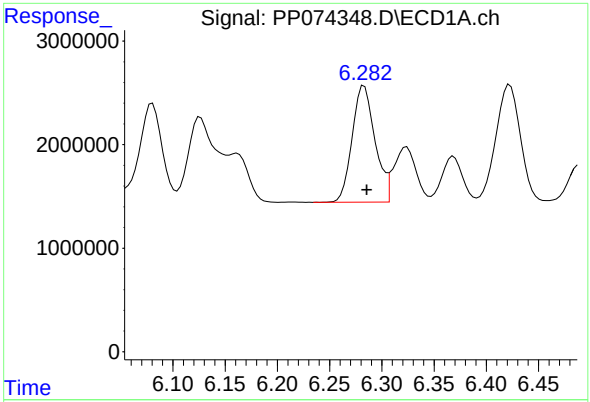
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 17524614
Conc: 538.48 ng/ml



#6 AR-1016-4

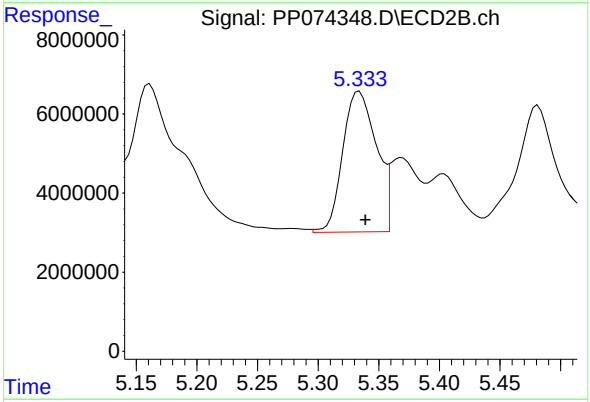
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 63603006
Conc: 582.34 ng/ml



#7 AR-1016-5

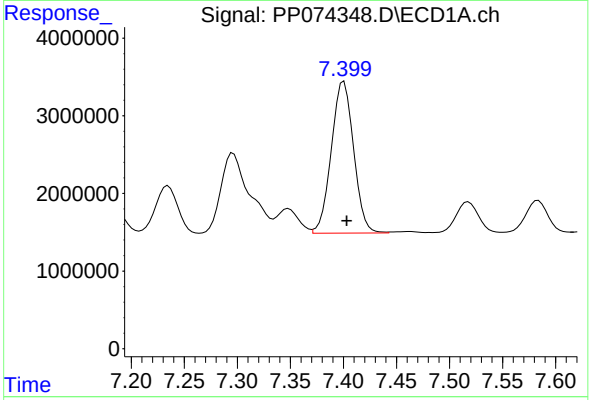
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 17134940
Conc: 527.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



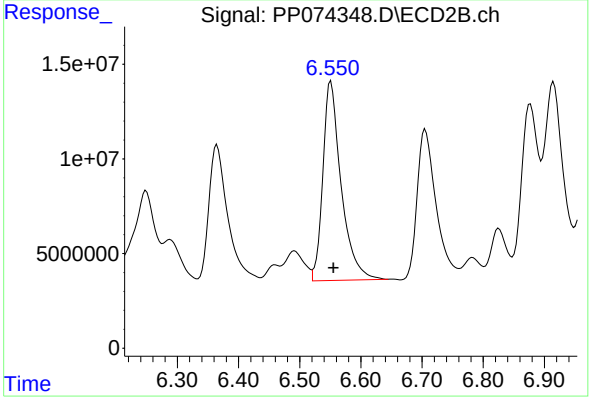
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 68692630
Conc: 587.30 ng/ml



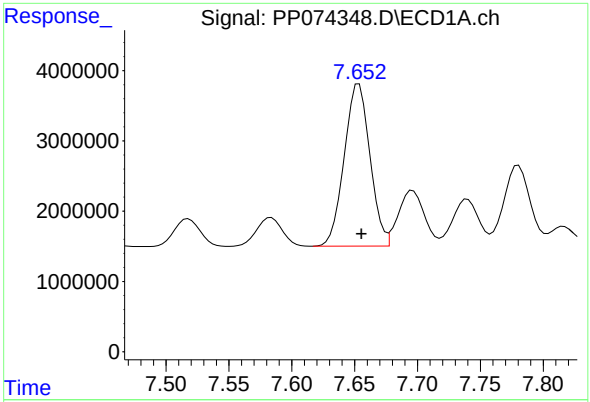
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 28606206
Conc: 507.60 ng/ml



#31 AR-1260-1

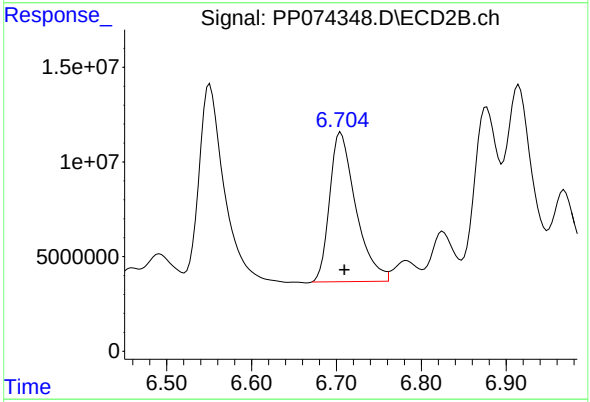
R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 218631105
Conc: 541.22 ng/ml



#32 AR-1260-2

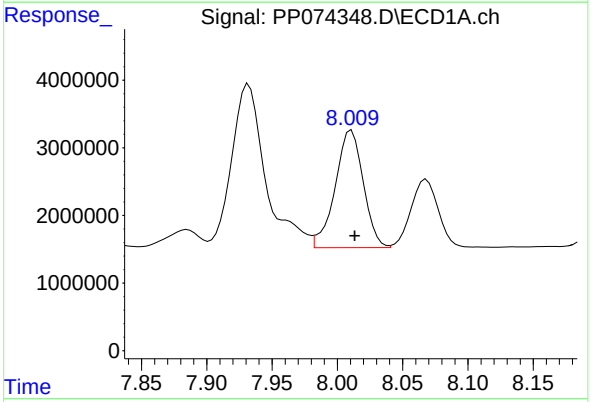
R.T.: 7.653 min
Delta R.T.: -0.002 min
Response: 32867113
Conc: 482.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



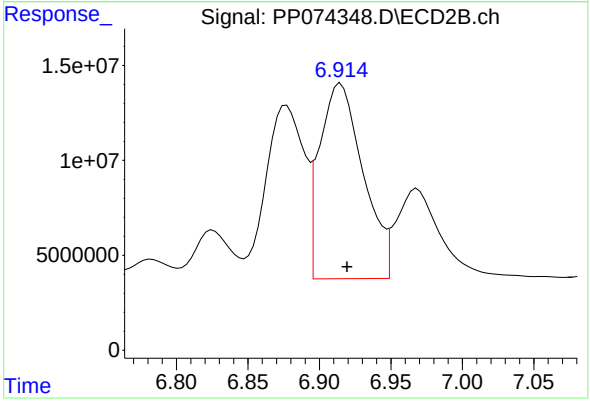
#32 AR-1260-2

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 168736166
Conc: 539.61 ng/ml



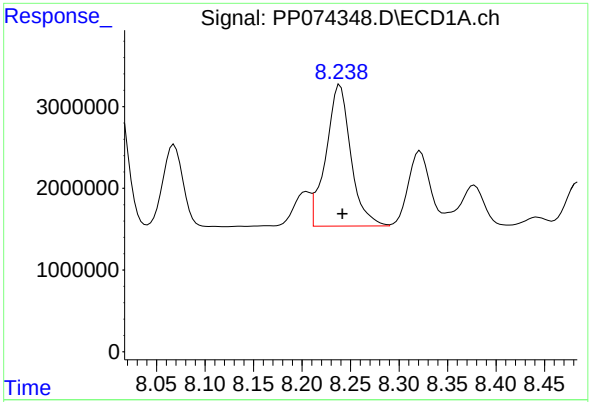
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 26059301
Conc: 488.95 ng/ml



#33 AR-1260-3

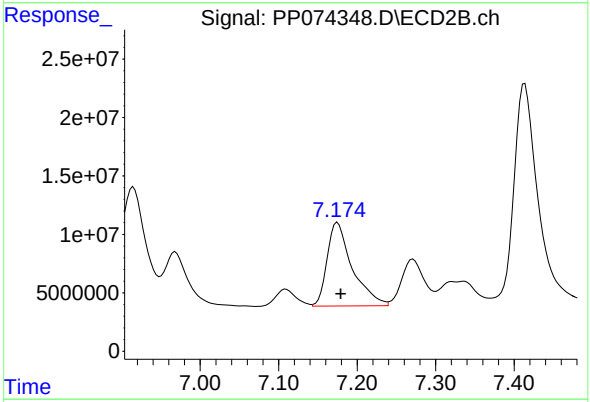
R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 217995937
Conc: 553.12 ng/ml



#34 AR-1260-4

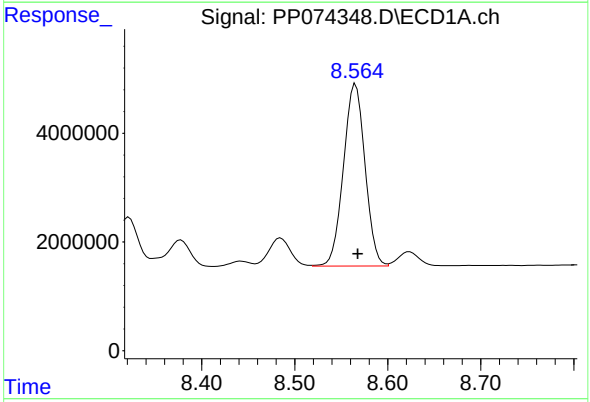
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 30827910
Conc: 492.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



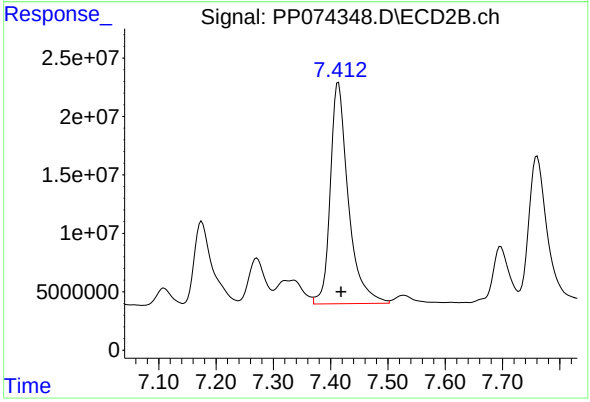
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 158780859
Conc: 545.68 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 54021439
Conc: 476.78 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 413020012
Conc: 545.31 ng/ml

Raw Data: **PP074362.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 20:30 **Initial Calibration Time(s):** 12:05 20:28

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.57	8.47	8.67	0.00
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.44	10.34	10.54	0.00

Raw Data: **PP074362.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 20:30 **Initial Calibration Time(s):** 12:05 20:28

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)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.42	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL08 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074362.D **Time Analyzed:** 20:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.810	5.712	5.912	527.610	500.000	5.5
Aroclor-1016-2	5.832	5.733	5.933	533.020	500.000	6.6
Aroclor-1016-3	5.895	5.796	5.996	544.910	500.000	9.0
Aroclor-1016-4	5.992	5.893	6.093	540.630	500.000	8.1
Aroclor-1016-5	6.285	6.186	6.386	533.180	500.000	6.6
Aroclor-1260-1	7.402	7.303	7.503	509.770	500.000	2.0
Aroclor-1260-2	7.654	7.555	7.755	493.210	500.000	-1.4
Aroclor-1260-3	8.013	7.913	8.113	497.710	500.000	-0.5
Aroclor-1260-4	8.241	8.142	8.342	500.220	500.000	0.0
Aroclor-1260-5	8.567	8.468	8.668	482.520	500.000	-3.5
Decachlorobiphenyl	10.437	10.338	10.538	49.270	50.000	-1.5
Tetrachloro-m-xylene	4.659	4.560	4.760	55.880	50.000	11.8

Raw Data: **PP074362.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL08 **Date Analyzed:** 08/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074362.D **Time Analyzed:** 20:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.902	4.806	5.006	589.560	500.000	17.9
Aroclor-1016-2	4.961	4.863	5.063	592.870	500.000	18.6
Aroclor-1016-3	5.080	4.983	5.183	589.270	500.000	17.9
Aroclor-1016-4	5.121	5.023	5.223	576.210	500.000	15.2
Aroclor-1016-5	5.334	5.239	5.439	553.350	500.000	10.7
Aroclor-1260-1	6.552	6.455	6.655	560.130	500.000	12.0
Aroclor-1260-2	6.706	6.609	6.809	552.530	500.000	10.5
Aroclor-1260-3	6.916	6.819	7.019	568.070	500.000	13.6
Aroclor-1260-4	7.176	7.079	7.279	559.600	500.000	11.9
Aroclor-1260-5	7.415	7.318	7.518	564.360	500.000	12.9
Decachlorobiphenyl	8.820	8.726	8.926	53.490	50.000	7.0
Tetrachloro-m-xylene	3.801	3.705	3.905	59.430	50.000	18.9

Sample Results: **PP074362.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:30
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.659	3.801	62495053	227.9E6	55.884	59.427m
2)	SA Decachlor...	10.437	8.820	47848347	321.7E6	49.269	53.490
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.902	21767569	235.2E6	527.612	589.560
4)	L1 AR-1016-2	5.832	4.961	32376709	111.3E6	533.023	592.869
5)	L1 AR-1016-3	5.895	5.080	21611227	62504169	544.905	589.275
6)	L1 AR-1016-4	5.992	5.121	17594613	62934228	540.633	576.215
7)	L1 AR-1016-5	6.285	5.334	17311303	64721661	533.180	553.350m
31)	L7 AR-1260-1	7.402	6.552	28728677	226.3E6	509.771	560.132
32)	L7 AR-1260-2	7.654	6.706	33613481	172.8E6	493.211	552.529
33)	L7 AR-1260-3	8.013	6.916	26525957	223.9E6	497.711	568.069
34)	L7 AR-1260-4	8.241	7.176	31321316	162.8E6	500.221	559.605
35)	L7 AR-1260-5	8.567	7.415	54671864	427.5E6	482.520	564.361

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

Sample Results: **PP074362.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:30
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

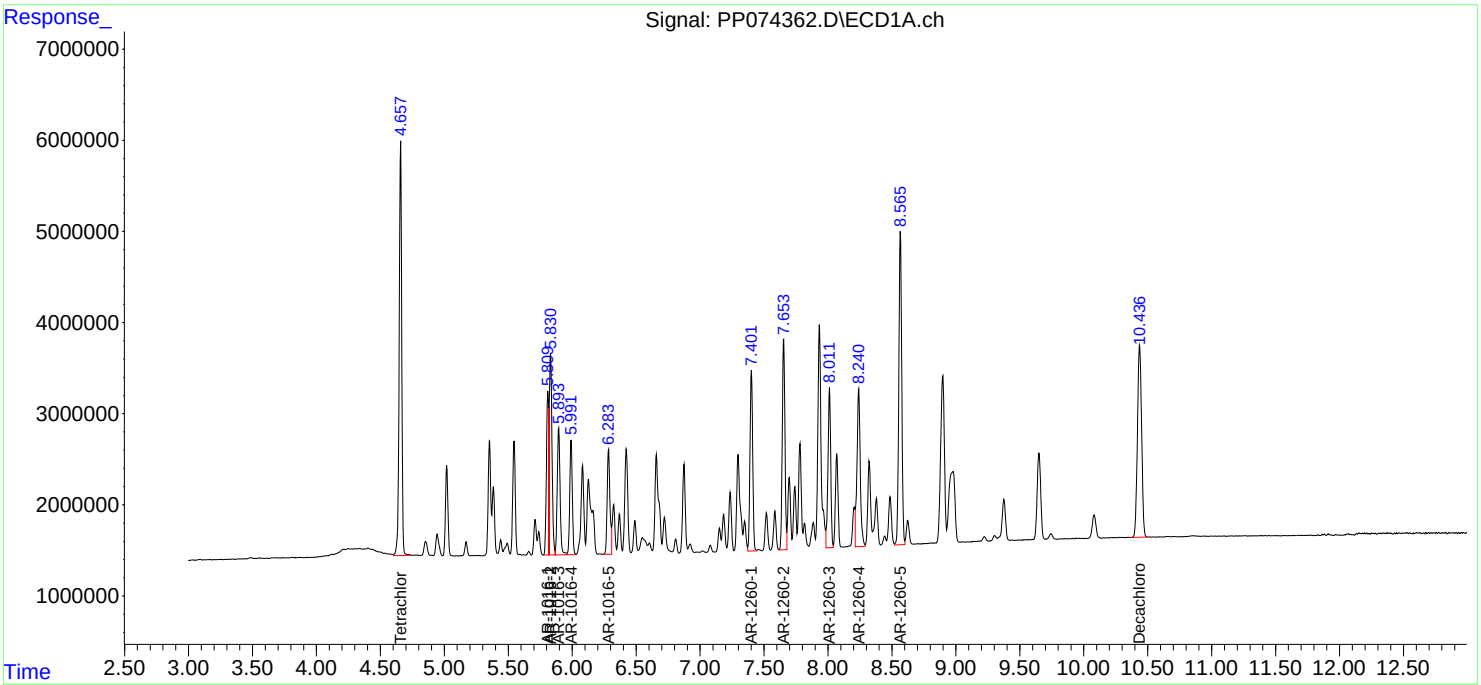
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

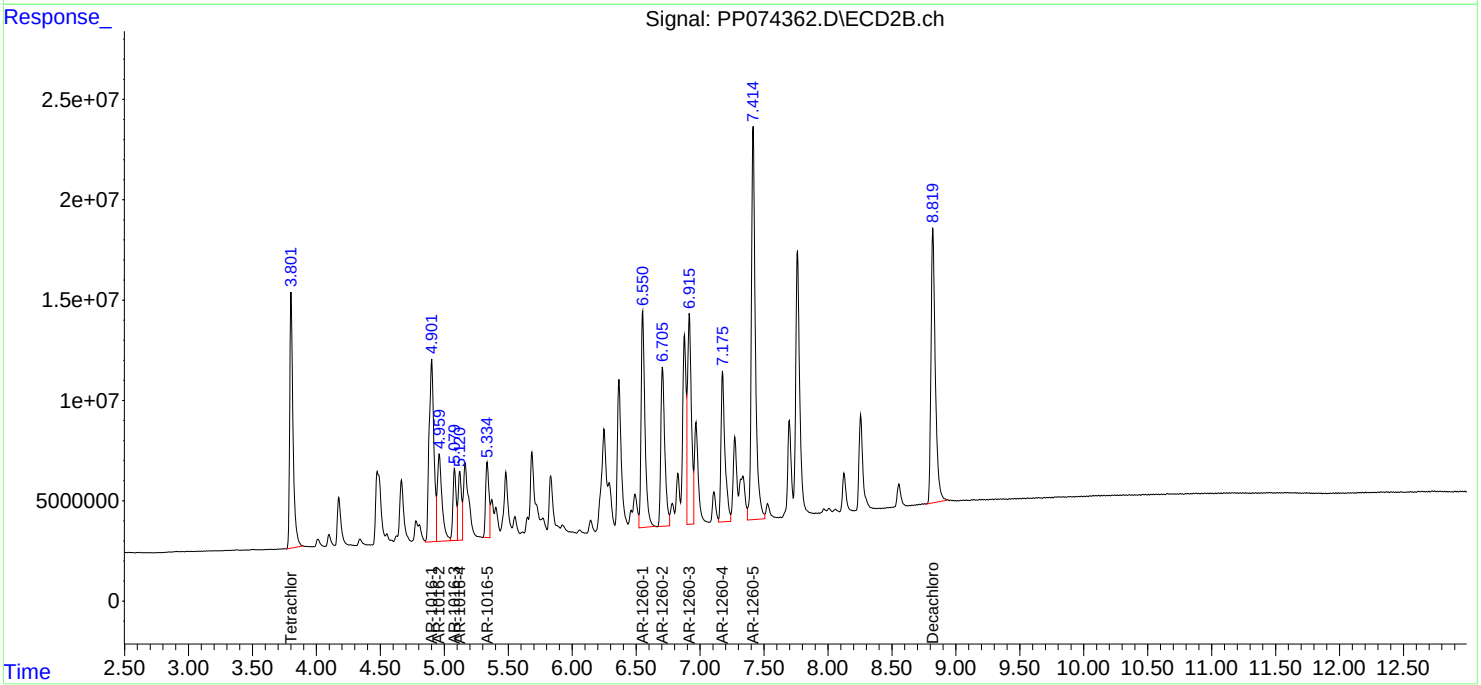
Manual Integrations APPROVED

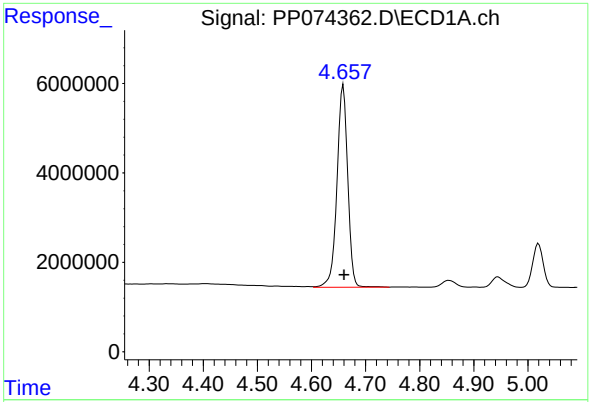
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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







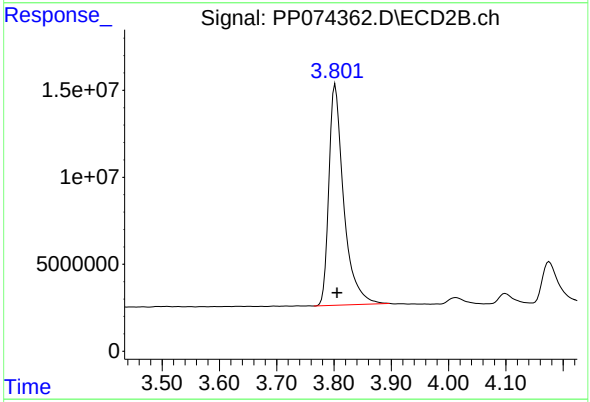
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: -0.001 min
Response: 62495053
Conc: 55.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

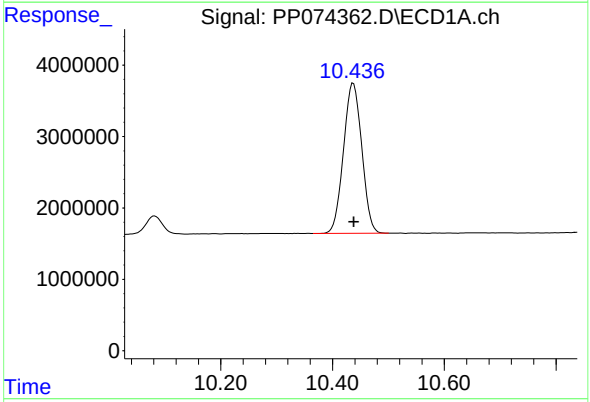
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



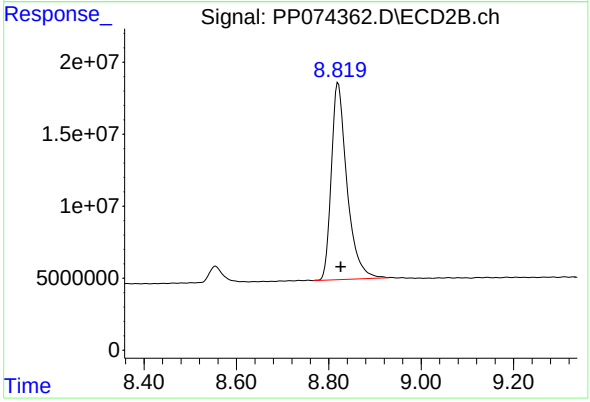
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 227867353
Conc: 59.43 ng/ml m



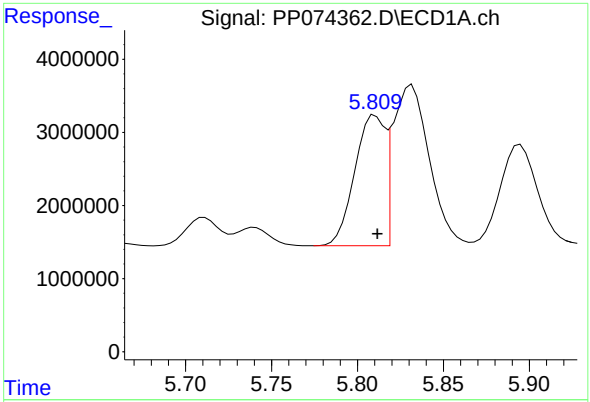
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47848347
Conc: 49.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 321667033
Conc: 53.49 ng/ml



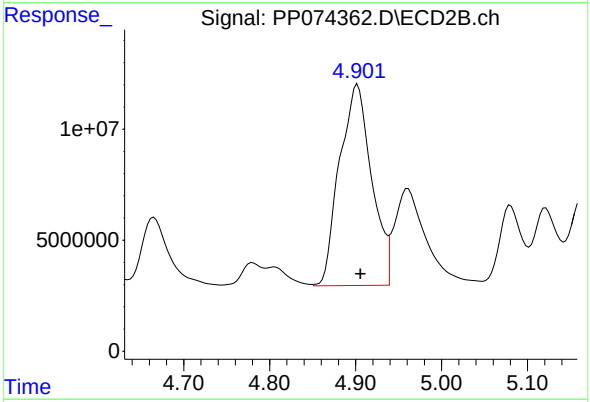
#3 AR-1016-1

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 21767569
Conc: 527.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

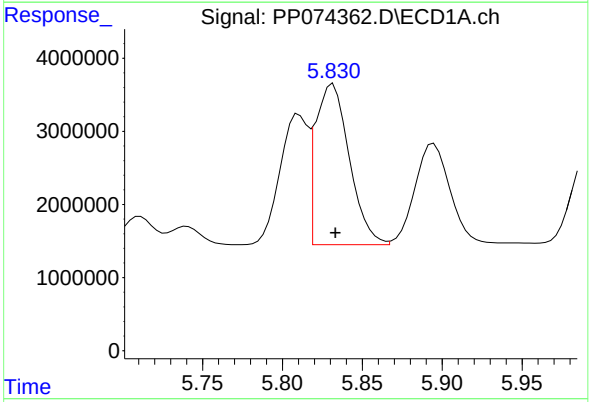
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



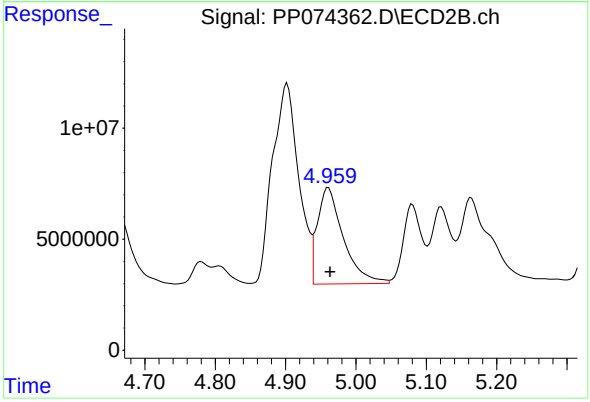
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 235167864
Conc: 589.56 ng/ml



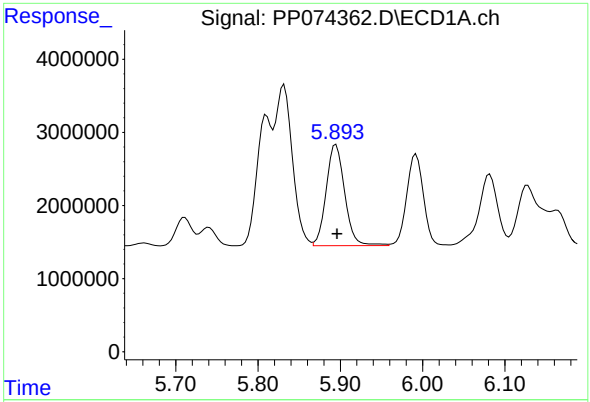
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 32376709
Conc: 533.02 ng/ml



#4 AR-1016-2

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 111346118
Conc: 592.87 ng/ml



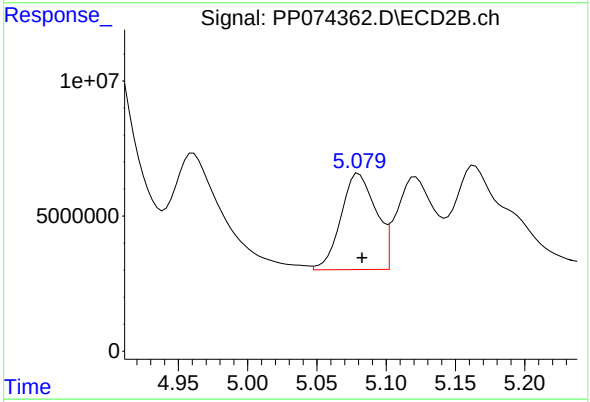
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 21611227
Conc: 544.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

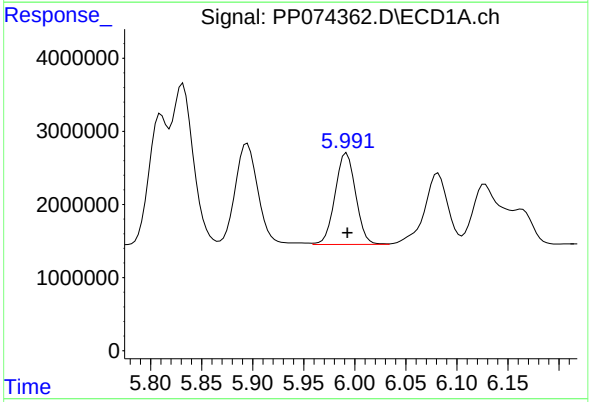
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



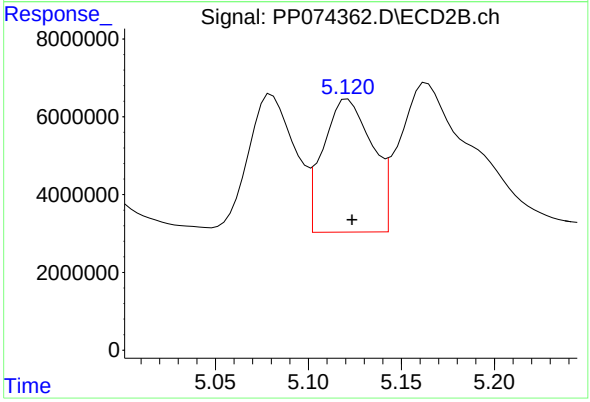
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 62504169
Conc: 589.27 ng/ml



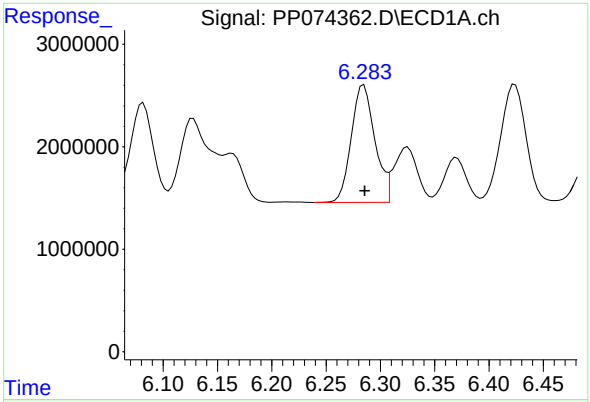
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 17594613
Conc: 540.63 ng/ml



#6 AR-1016-4

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 62934228
Conc: 576.21 ng/ml



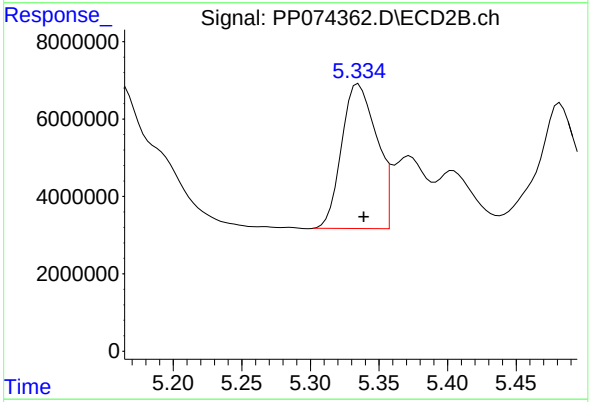
#7 AR-1016-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 17311303
Conc: 533.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

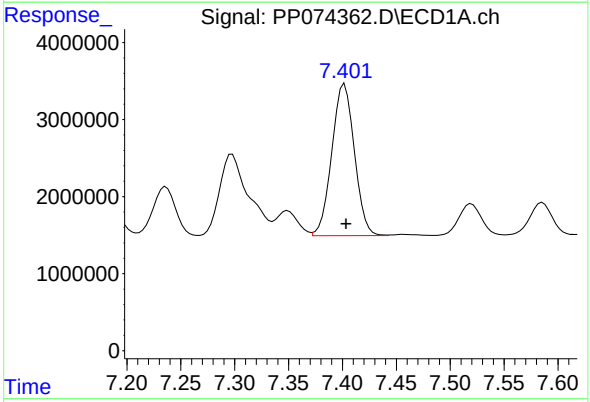
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



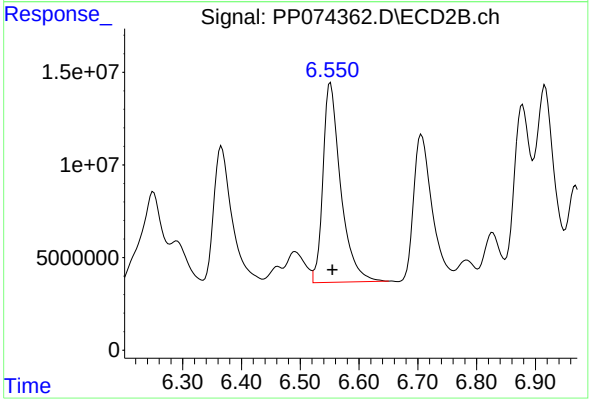
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 64721661
Conc: 553.35 ng/ml m



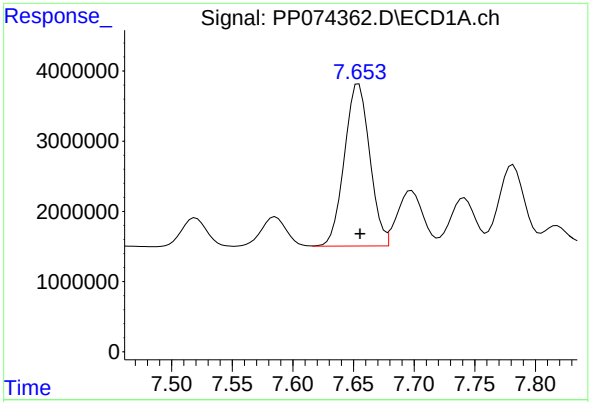
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 28728677
Conc: 509.77 ng/ml



#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 226269264
Conc: 560.13 ng/ml



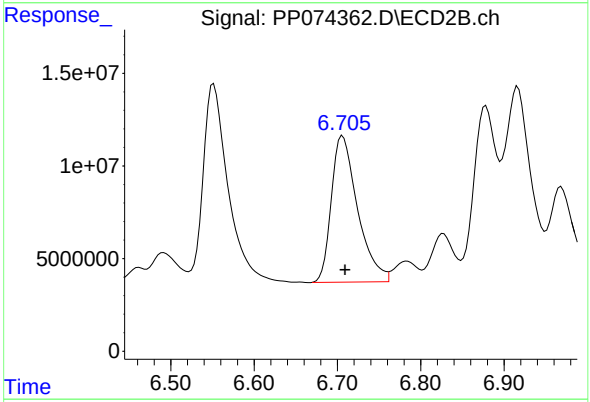
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 33613481
Conc: 493.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

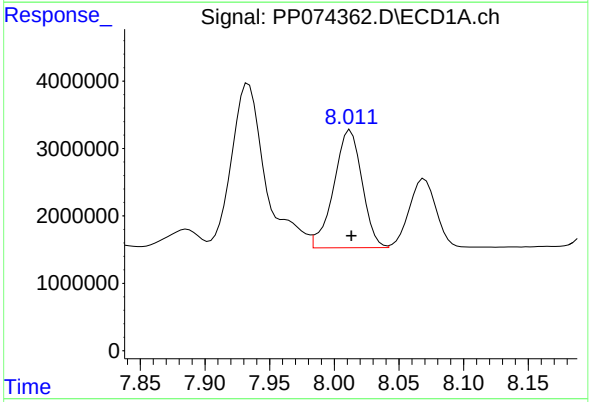
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



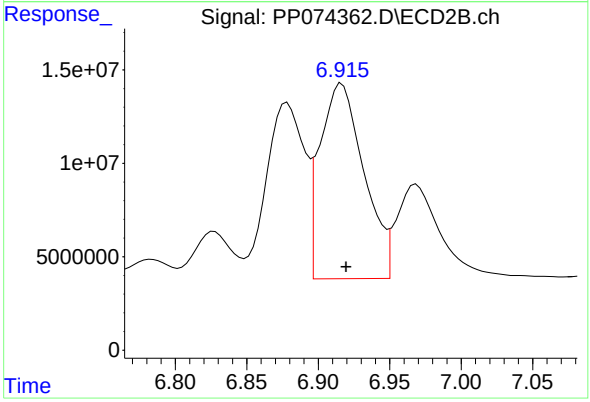
#32 AR-1260-2

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 172775212
Conc: 552.53 ng/ml



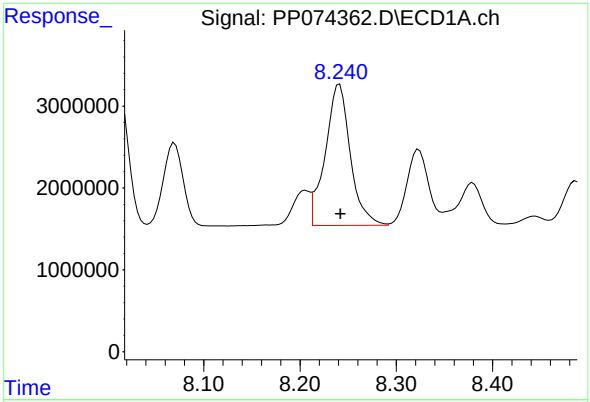
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 26525957
Conc: 497.71 ng/ml



#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 223886427
Conc: 568.07 ng/ml



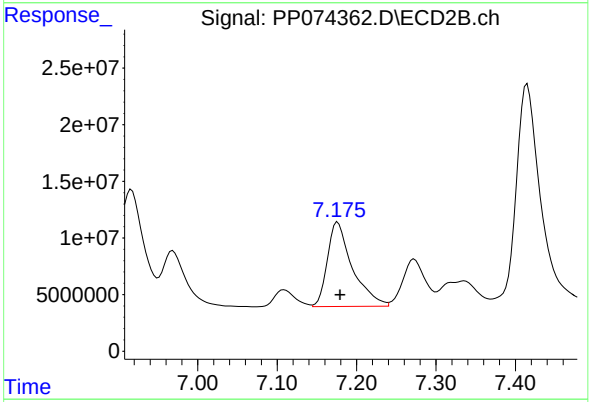
#34 AR-1260-4

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 31321316
Conc: 500.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

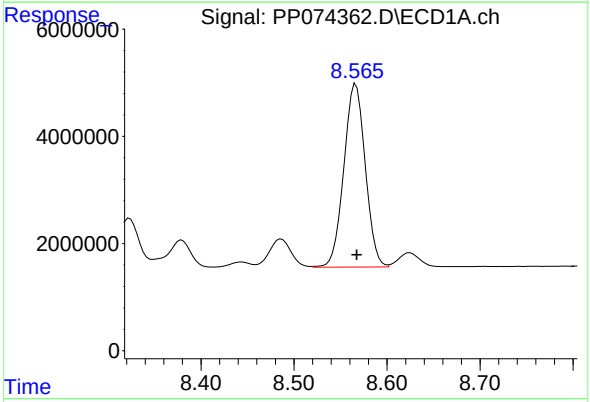
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



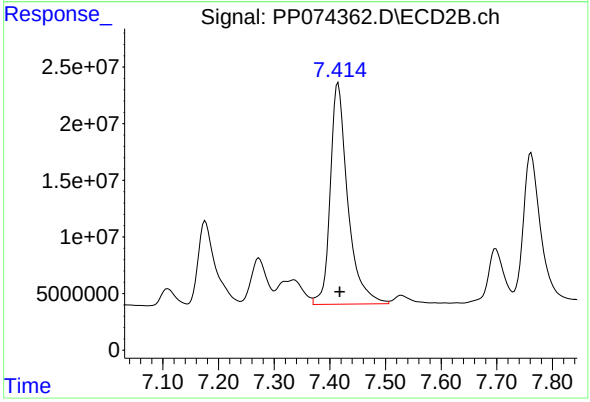
#34 AR-1260-4

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 162833478
Conc: 559.60 ng/ml



#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 54671864
Conc: 482.52 ng/ml



#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 427452475
Conc: 564.36 ng/ml

Raw Data: **PP074373.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 08:27 **Initial Calibration Time(s):** 12:05 20:28

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.44	10.34	10.54	0.00

Raw Data: **PP074373.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 08:27 **Initial Calibration Time(s):** 12:05 20:28

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)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.70	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.91	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL09 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074373.D **Time Analyzed:** 08:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.808	5.712	5.912	533.120	500.000	6.6
Aroclor-1016-2	5.830	5.733	5.933	526.230	500.000	5.2
Aroclor-1016-3	5.892	5.796	5.996	534.530	500.000	6.9
Aroclor-1016-4	5.989	5.893	6.093	541.630	500.000	8.3
Aroclor-1016-5	6.282	6.186	6.386	523.040	500.000	4.6
Aroclor-1260-1	7.400	7.303	7.503	489.650	500.000	-2.1
Aroclor-1260-2	7.653	7.555	7.755	475.290	500.000	-4.9
Aroclor-1260-3	8.011	7.913	8.113	480.170	500.000	-4.0
Aroclor-1260-4	8.239	8.142	8.342	485.690	500.000	-2.9
Aroclor-1260-5	8.565	8.468	8.668	464.970	500.000	-7.0
Decachlorobiphenyl	10.437	10.338	10.538	47.490	50.000	-5.0
Tetrachloro-m-xylene	4.655	4.560	4.760	56.520	50.000	13.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL09 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074373.D **Time Analyzed:** 08:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.900	4.806	5.006	554.710	500.000	10.9
Aroclor-1016-2	4.957	4.863	5.063	558.540	500.000	11.7
Aroclor-1016-3	5.078	4.983	5.183	559.480	500.000	11.9
Aroclor-1016-4	5.117	5.023	5.223	569.010	500.000	13.8
Aroclor-1016-5	5.332	5.239	5.439	594.260	500.000	18.9
Aroclor-1260-1	6.549	6.455	6.655	544.340	500.000	8.9
Aroclor-1260-2	6.704	6.609	6.809	527.160	500.000	5.4
Aroclor-1260-3	6.913	6.819	7.019	553.670	500.000	10.7
Aroclor-1260-4	7.174	7.079	7.279	532.690	500.000	6.5
Aroclor-1260-5	7.412	7.318	7.518	545.830	500.000	9.2
Decachlorobiphenyl	8.817	8.726	8.926	51.890	50.000	3.8
Tetrachloro-m-xylene	3.799	3.705	3.905	58.630	50.000	17.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:27
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: Aug 14 11:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.655	3.799	63201868	224.8E6	56.516	58.627
2)	SA Decachlor...	10.437	8.817	46124586	312.1E6	47.494	51.892
	Target Compounds						
3)	L1 AR-1016-1	5.808	4.900	21994700	221.3E6	533.117	554.706
4)	L1 AR-1016-2	5.830	4.957	31964087	104.9E6	526.229	558.538
5)	L1 AR-1016-3	5.892	5.078	21199758	59343474	534.531	559.477
6)	L1 AR-1016-4	5.989	5.117	17626941	62146884	541.626	569.006
7)	L1 AR-1016-5	6.282	5.332	16982078	69506403	523.040	594.258
31)	L7 AR-1260-1	7.400	6.549	27594558	219.9E6	489.647	544.341
32)	L7 AR-1260-2	7.653	6.704	32392378	164.8E6	475.294	527.162
33)	L7 AR-1260-3	8.011	6.913	25591085	218.2E6	480.170	553.665
34)	L7 AR-1260-4	8.239	7.174	30411346	155.0E6	485.688	532.688
35)	L7 AR-1260-5	8.565	7.412	52683396	413.4E6	464.970	545.829

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

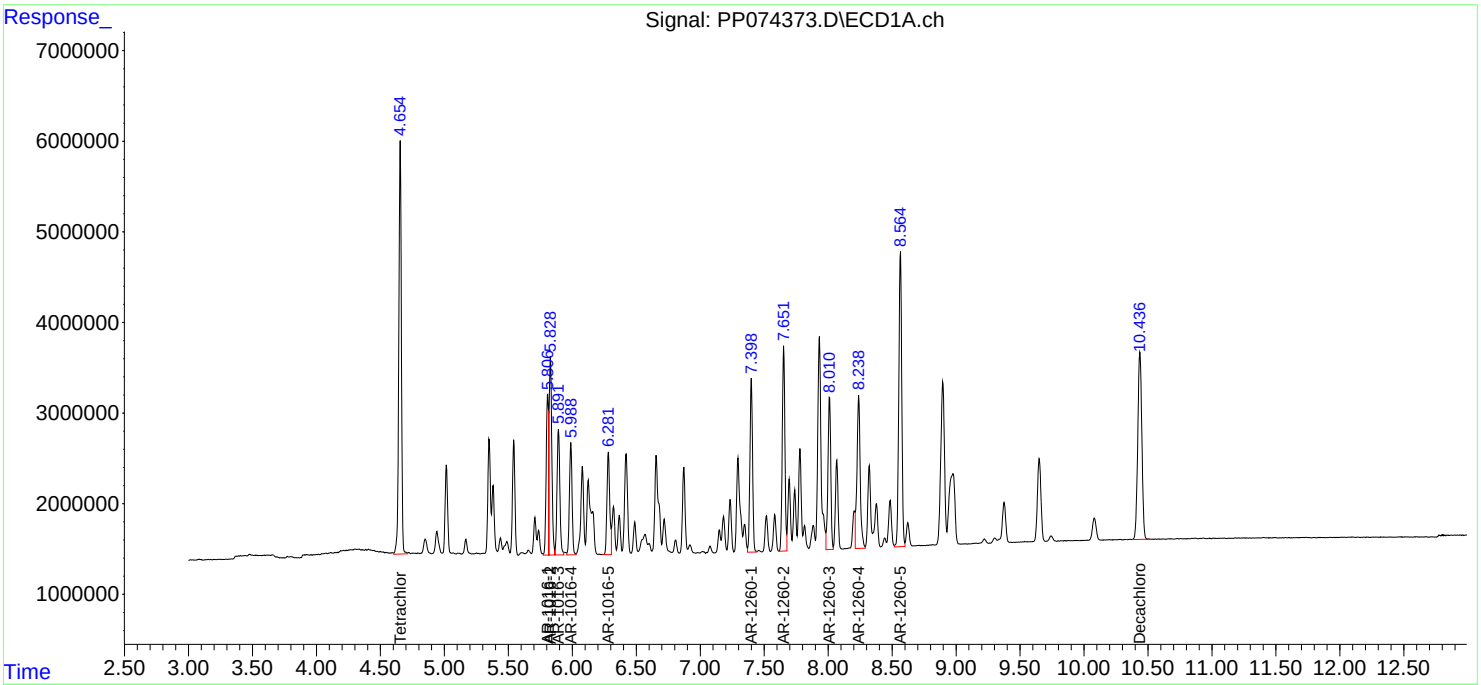
Sample Results: **PP074373.D**

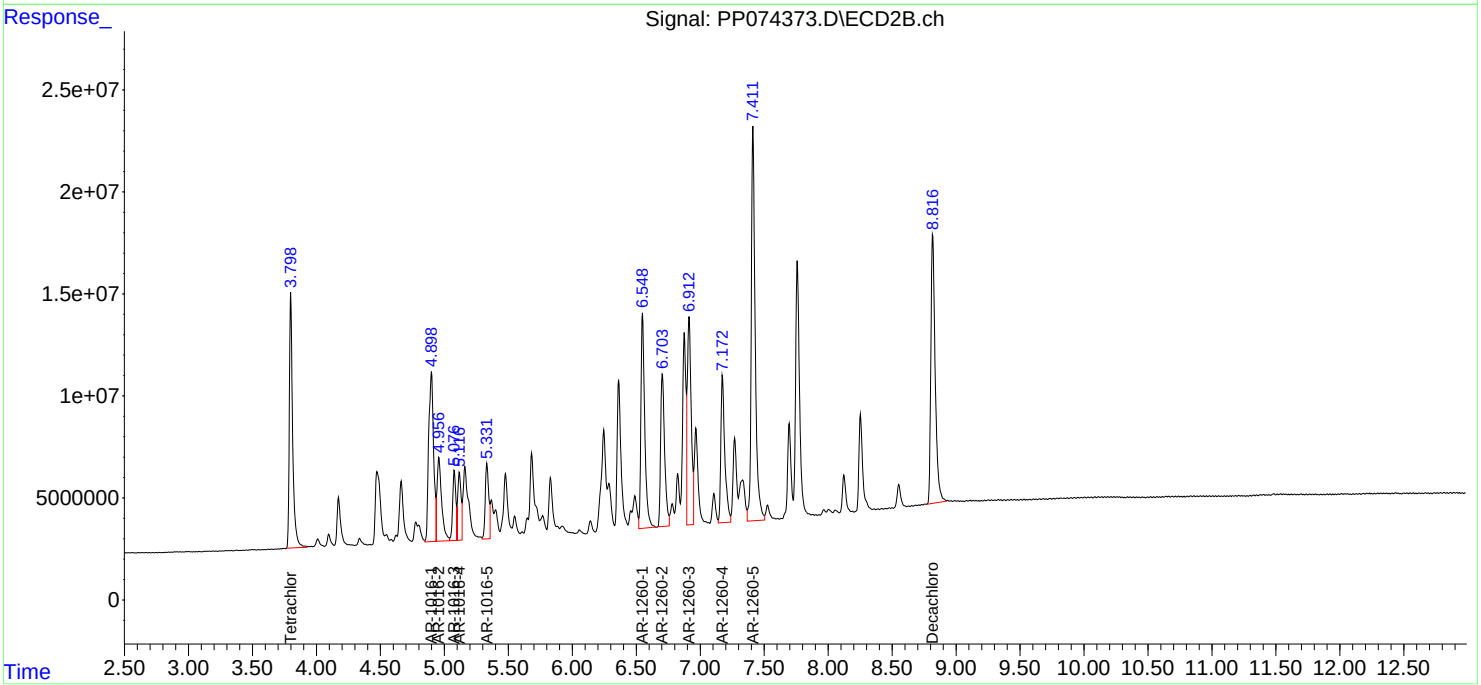
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:27
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

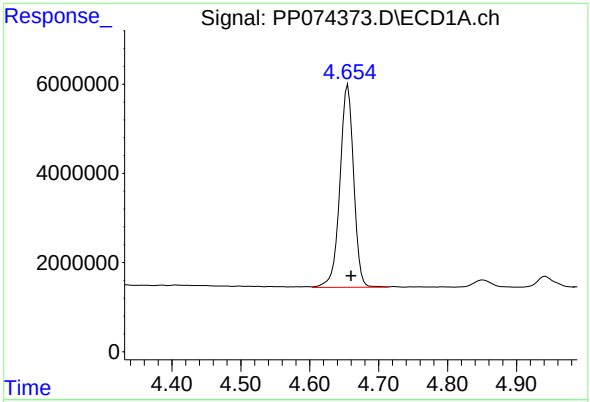
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 11:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



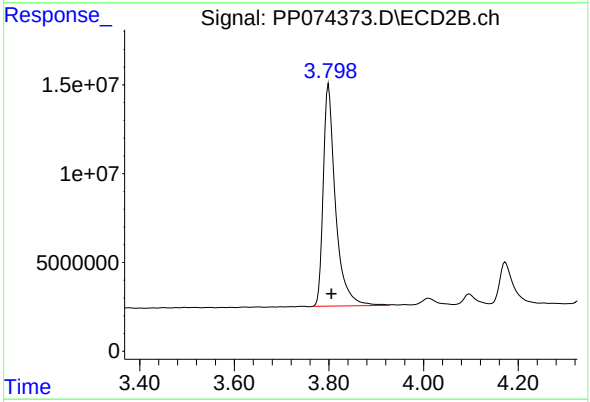




#1 Tetrachloro-m-xylene

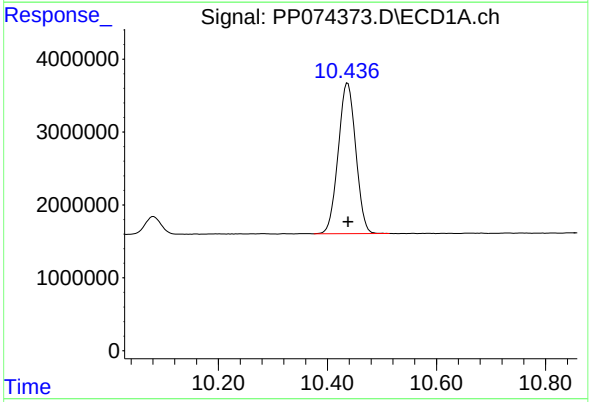
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 63201868
Conc: 56.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



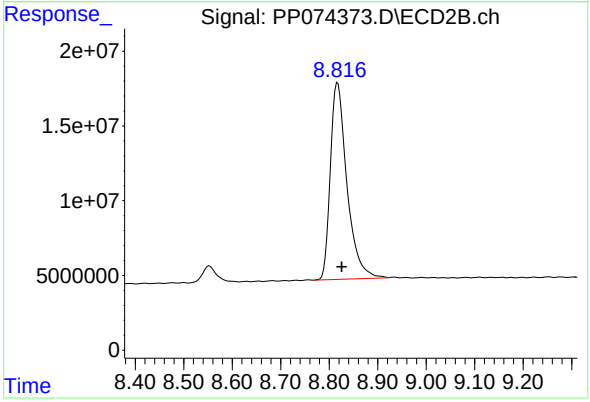
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.006 min
Response: 224799052
Conc: 58.63 ng/ml



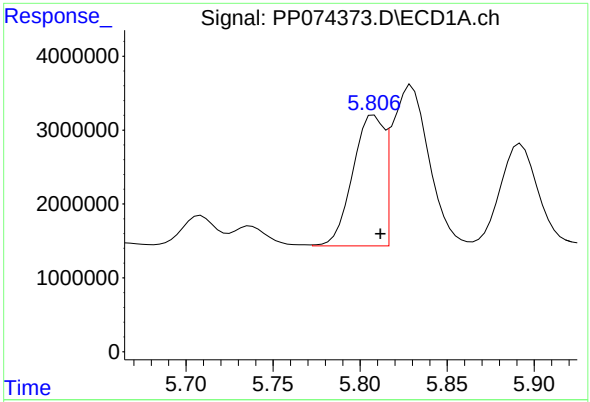
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 46124586
Conc: 47.49 ng/ml



#2 Decachlorobiphenyl

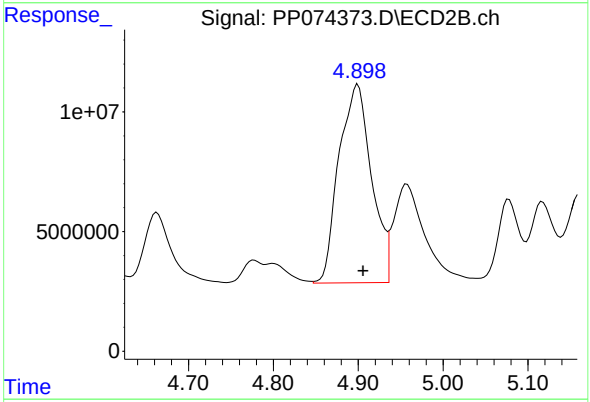
R.T.: 8.817 min
Delta R.T.: -0.009 min
Response: 312060874
Conc: 51.89 ng/ml



#3 AR-1016-1

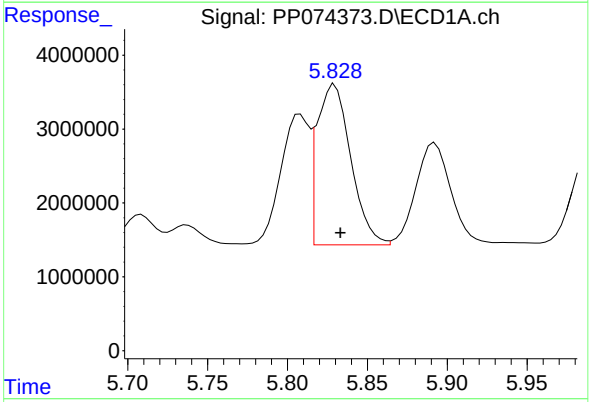
R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 21994700
Conc: 533.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



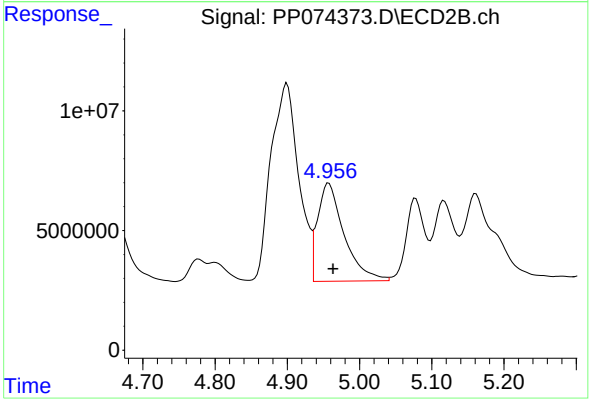
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 221265020
Conc: 554.71 ng/ml



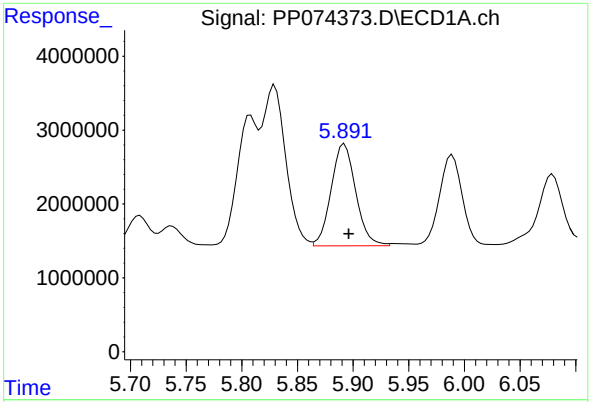
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.004 min
Response: 31964087
Conc: 526.23 ng/ml



#4 AR-1016-2

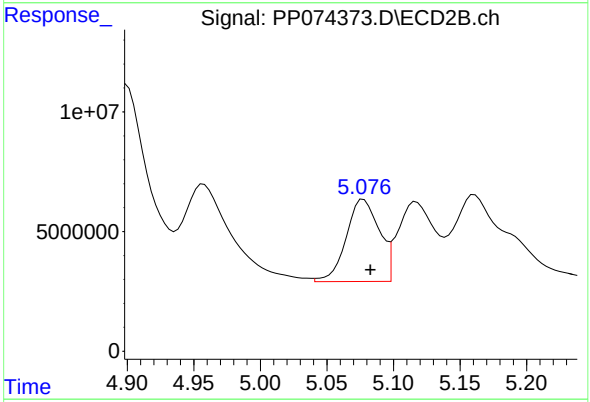
R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 104898434
Conc: 558.54 ng/ml



#5 AR-1016-3

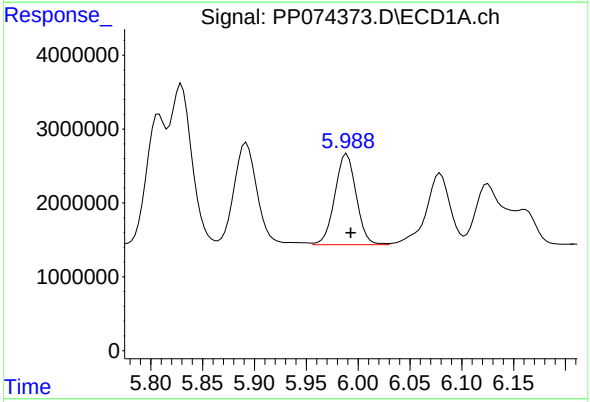
R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21199758
Conc: 534.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



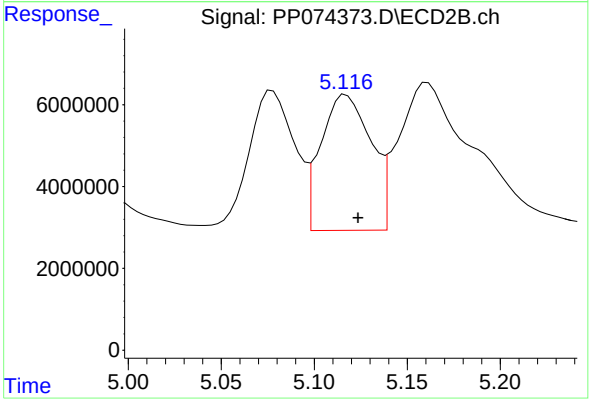
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 59343474
Conc: 559.48 ng/ml



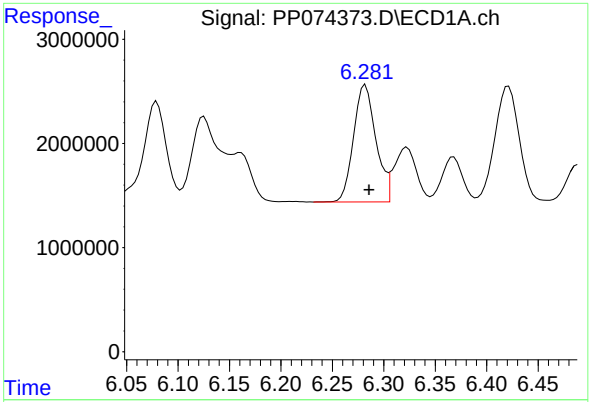
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 17626941
Conc: 541.63 ng/ml



#6 AR-1016-4

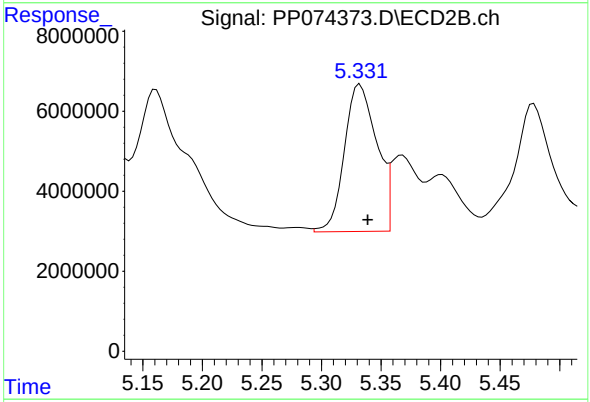
R.T.: 5.117 min
Delta R.T.: -0.006 min
Response: 62146884
Conc: 569.01 ng/ml



#7 AR-1016-5

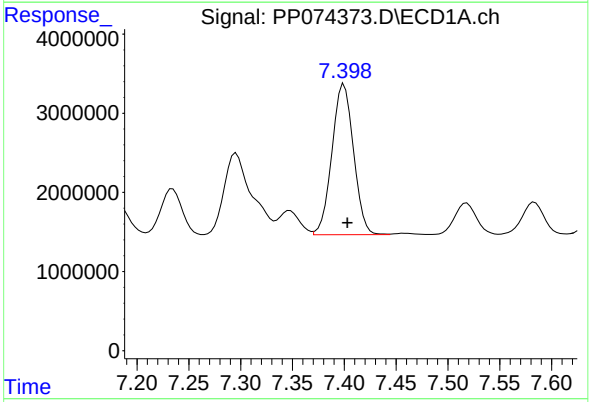
R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 16982078
Conc: 523.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



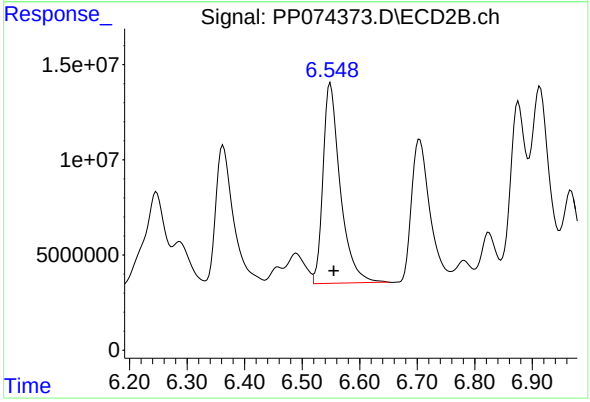
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 69506403
Conc: 594.26 ng/ml



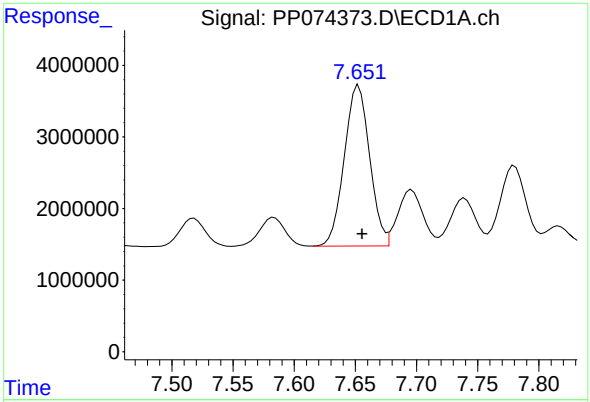
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 27594558
Conc: 489.65 ng/ml



#31 AR-1260-1

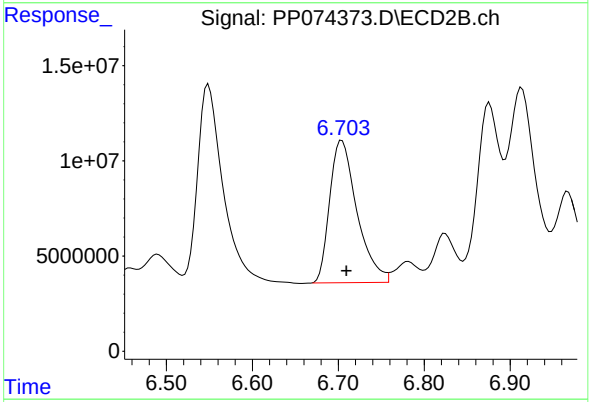
R.T.: 6.549 min
Delta R.T.: -0.006 min
Response: 219890566
Conc: 544.34 ng/ml



#32 AR-1260-2

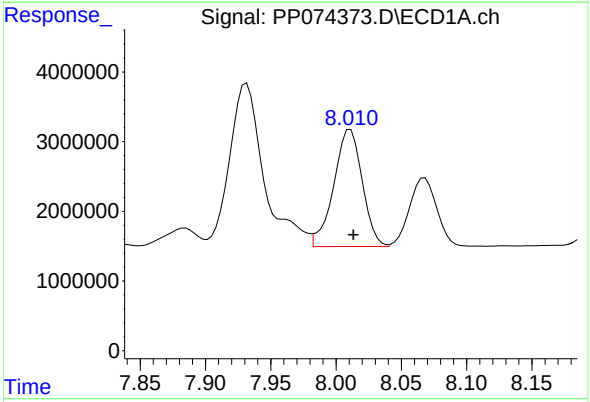
R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 32392378
Conc: 475.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



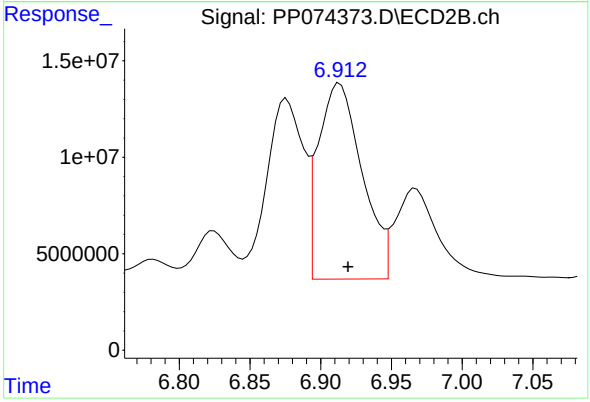
#32 AR-1260-2

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 164842922
Conc: 527.16 ng/ml



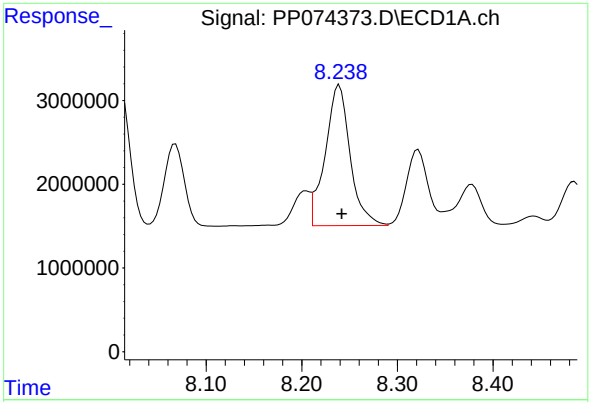
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 25591085
Conc: 480.17 ng/ml



#33 AR-1260-3

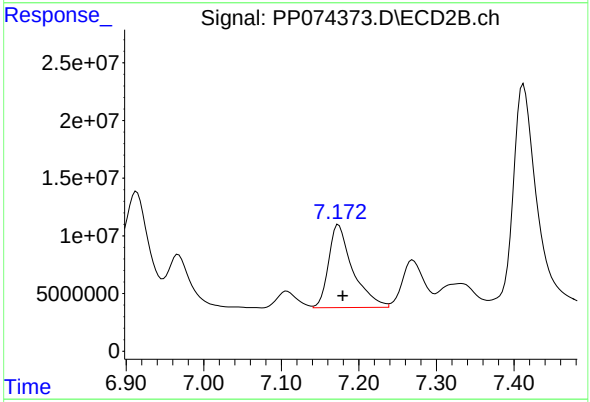
R.T.: 6.913 min
Delta R.T.: -0.006 min
Response: 218209514
Conc: 553.67 ng/ml



#34 AR-1260-4

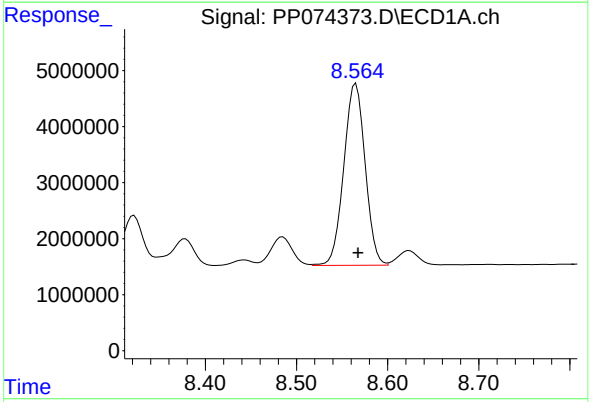
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 30411346
Conc: 485.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



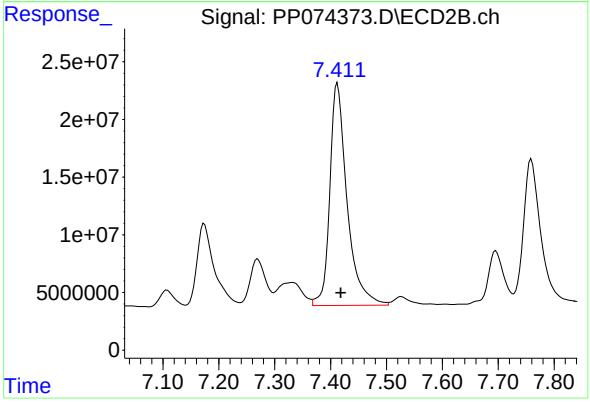
#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 155001188
Conc: 532.69 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 52683396
Conc: 464.97 ng/ml



#35 AR-1260-5

R.T.: 7.412 min
Delta R.T.: -0.006 min
Response: 413416229
Conc: 545.83 ng/ml

Raw Data: **PP074387.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 14:22 **Initial Calibration Time(s):** 12:05 20:28

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.57	8.47	8.67	0.00
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.44	10.34	10.54	0.00

Raw Data: **PP074387.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

Continuing Calib Date: 08/14/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 14:22 **Initial Calibration Time(s):** 12:05 20:28

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)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL10 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074387.D **Time Analyzed:** 14:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.810	5.712	5.912	456.760	500.000	-8.6
Aroclor-1016-2	5.832	5.733	5.933	454.890	500.000	-9.0
Aroclor-1016-3	5.894	5.796	5.996	460.980	500.000	-7.8
Aroclor-1016-4	5.992	5.893	6.093	463.390	500.000	-7.3
Aroclor-1016-5	6.284	6.186	6.386	445.880	500.000	-10.8
Aroclor-1260-1	7.402	7.303	7.503	429.860	500.000	-14.0
Aroclor-1260-2	7.654	7.555	7.755	410.640	500.000	-17.9
Aroclor-1260-3	8.012	7.913	8.113	417.030	500.000	-16.6
Aroclor-1260-4	8.241	8.142	8.342	421.890	500.000	-15.6
Aroclor-1260-5	8.567	8.468	8.668	405.160	500.000	-19.0
Decachlorobiphenyl	10.440	10.338	10.538	42.840	50.000	-14.3
Tetrachloro-m-xylene	4.658	4.560	4.760	49.610	50.000	-0.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2814

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL10 **Date Analyzed:** 08/14/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074387.D **Time Analyzed:** 14:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.806	5.006	524.770	500.000	5.0
Aroclor-1016-2	4.959	4.863	5.063	530.180	500.000	6.0
Aroclor-1016-3	5.079	4.983	5.183	518.870	500.000	3.8
Aroclor-1016-4	5.119	5.023	5.223	527.160	500.000	5.4
Aroclor-1016-5	5.334	5.239	5.439	523.280	500.000	4.7
Aroclor-1260-1	6.551	6.455	6.655	444.180	500.000	-11.2
Aroclor-1260-2	6.705	6.609	6.809	444.670	500.000	-11.1
Aroclor-1260-3	6.915	6.819	7.019	459.000	500.000	-8.2
Aroclor-1260-4	7.175	7.079	7.279	442.510	500.000	-11.5
Aroclor-1260-5	7.414	7.318	7.518	433.540	500.000	-13.3
Decachlorobiphenyl	8.819	8.726	8.926	42.850	50.000	-14.3
Tetrachloro-m-xylene	3.801	3.705	3.905	54.230	50.000	8.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 14:22
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: Aug 14 15:12:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.658	3.801	55476187	208.0E6	49.607	54.233
2)	SA Decachlor...	10.440	8.819	41607701	257.7E6	42.843	42.855
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.901	18844660	209.3E6	456.765	524.768
4)	L1 AR-1016-2	5.832	4.959	27630619	99572570	454.887	530.180
5)	L1 AR-1016-3	5.894	5.079	18282636	55036850	460.978	518.875
6)	L1 AR-1016-4	5.992	5.119	15080770	57576903	463.390	527.164
7)	L1 AR-1016-5	6.284	5.334	14476905	61204197	445.882	523.277
31)	L7 AR-1260-1	7.402	6.551	24225116	179.4E6	429.858	444.184
32)	L7 AR-1260-2	7.654	6.705	27986237	139.0E6	410.642	444.667
33)	L7 AR-1260-3	8.012	6.915	22226254	180.9E6	417.035	459.005
34)	L7 AR-1260-4	8.241	7.175	26416708	128.8E6	421.891	442.512
35)	L7 AR-1260-5	8.567	7.414	45906476	328.4E6	405.159	433.535

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

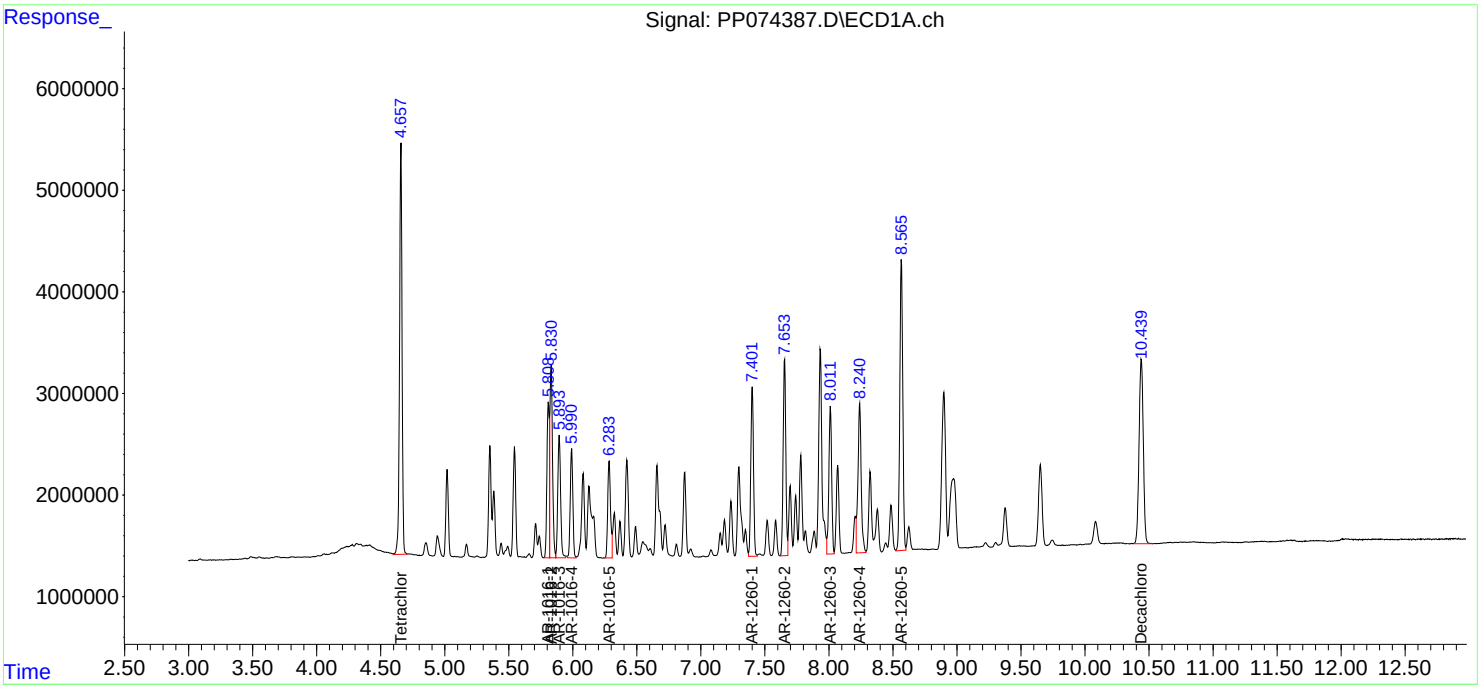
Sample Results: **PP074387.D**

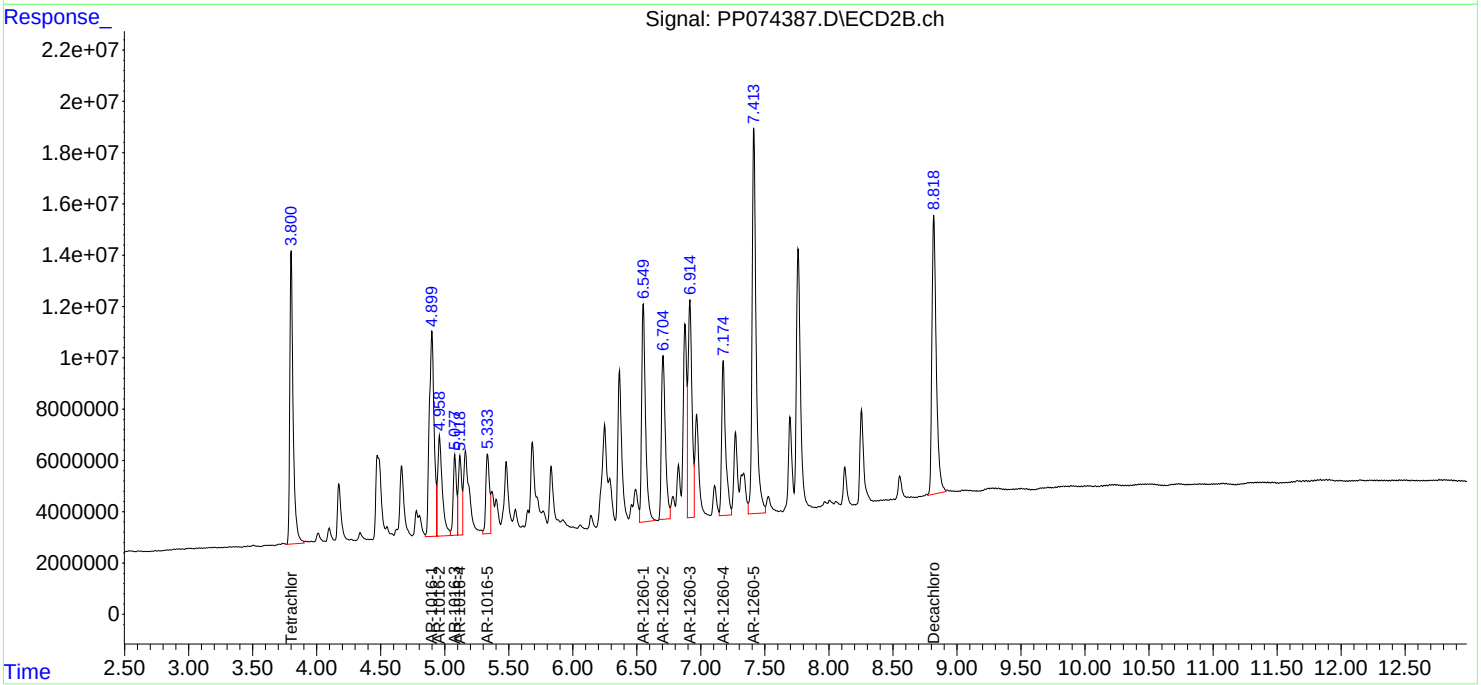
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 14:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

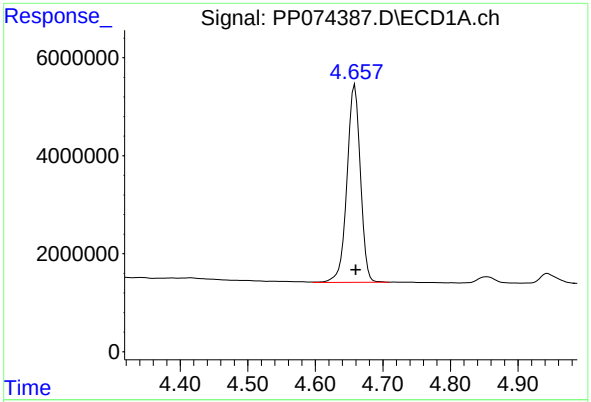
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 15:12:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



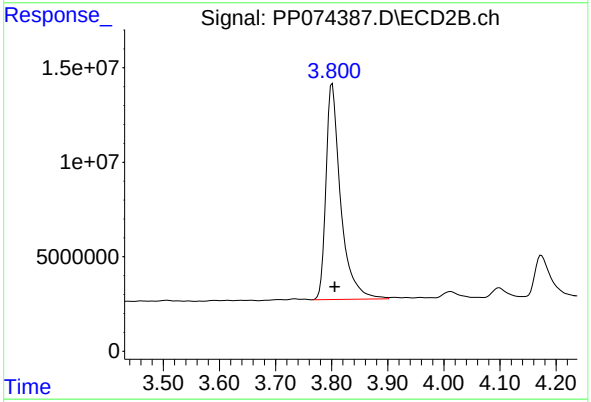




#1 Tetrachloro-m-xylene

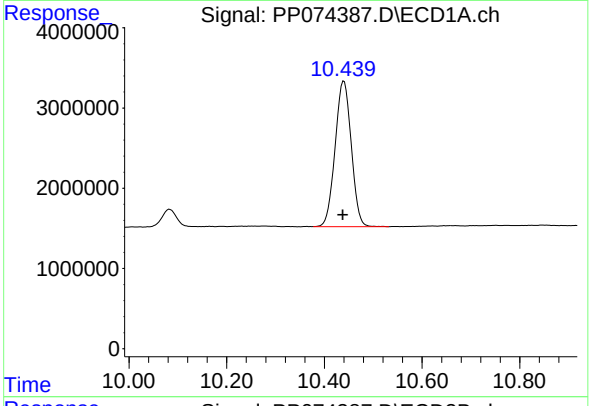
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 55476187
Conc: 49.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



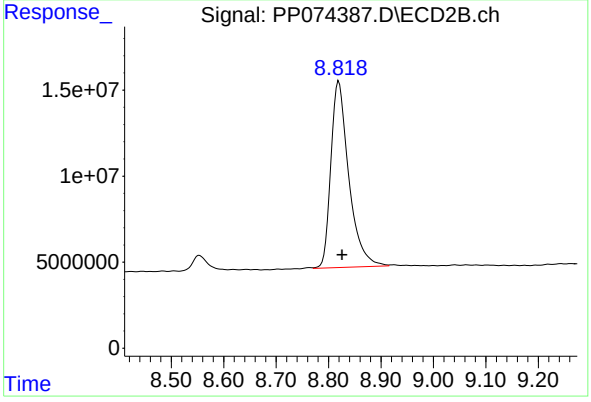
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 207952332
Conc: 54.23 ng/ml



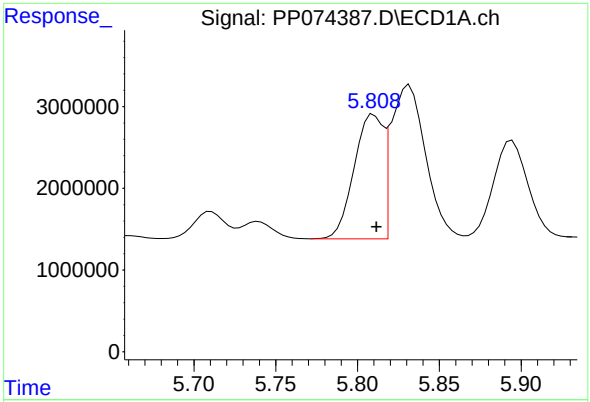
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.002 min
Response: 41607701
Conc: 42.84 ng/ml



#2 Decachlorobiphenyl

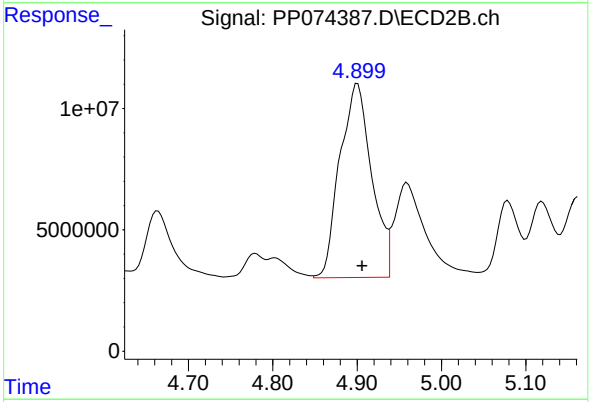
R.T.: 8.819 min
Delta R.T.: -0.006 min
Response: 257712662
Conc: 42.85 ng/ml



#3 AR-1016-1

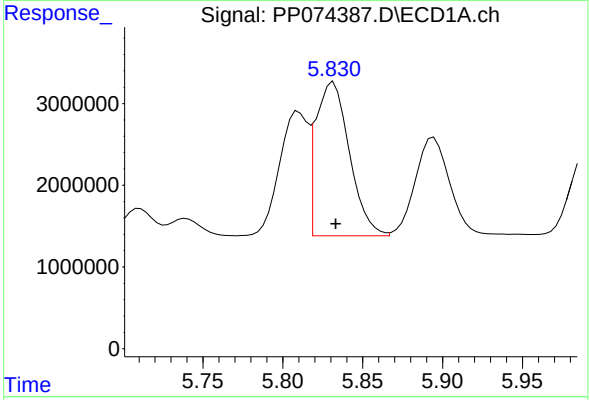
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 18844660
Conc: 456.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



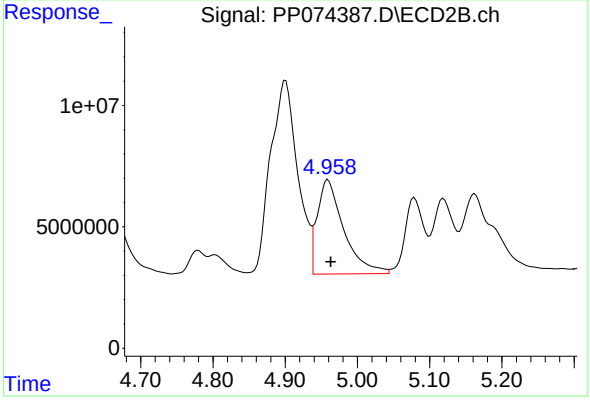
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.005 min
Response: 209323424
Conc: 524.77 ng/ml



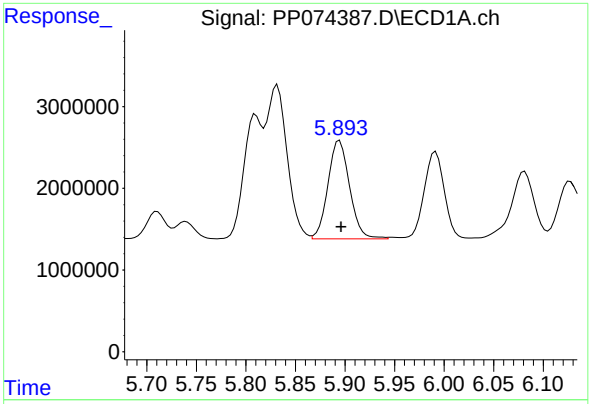
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 27630619
Conc: 454.89 ng/ml



#4 AR-1016-2

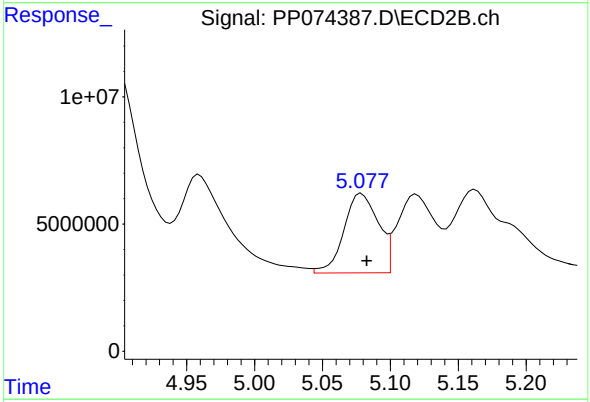
R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 99572570
Conc: 530.18 ng/ml



#5 AR-1016-3

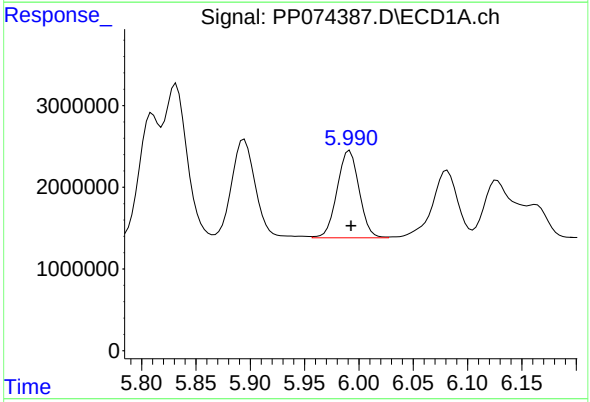
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 18282636
Conc: 460.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



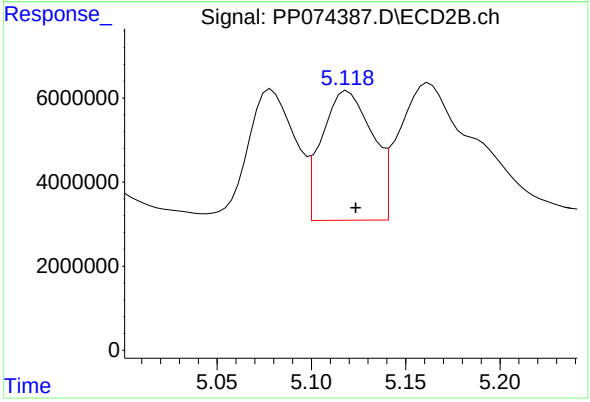
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 55036850
Conc: 518.87 ng/ml



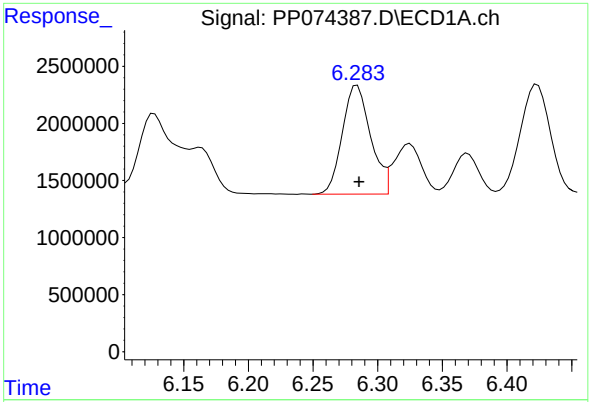
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: -0.001 min
Response: 15080770
Conc: 463.39 ng/ml



#6 AR-1016-4

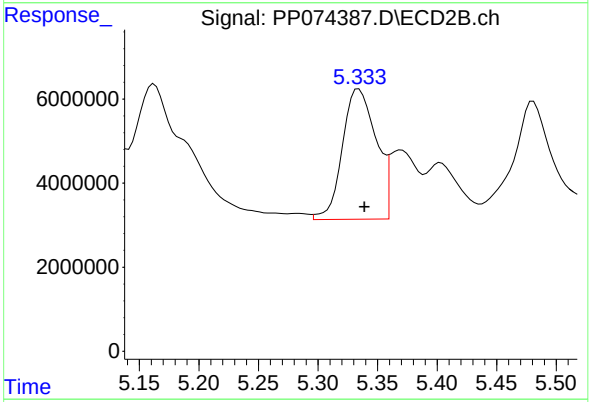
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 57576903
Conc: 527.16 ng/ml



#7 AR-1016-5

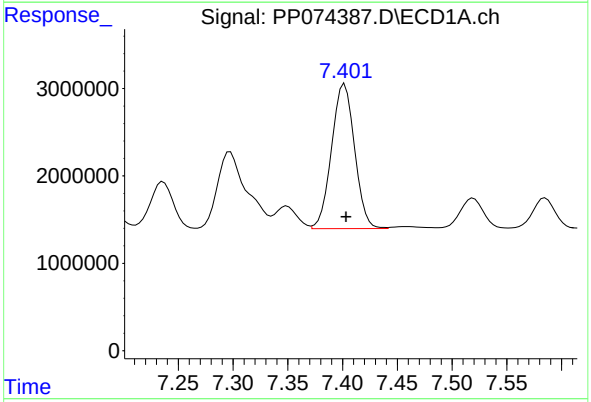
R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 14476905
Conc: 445.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



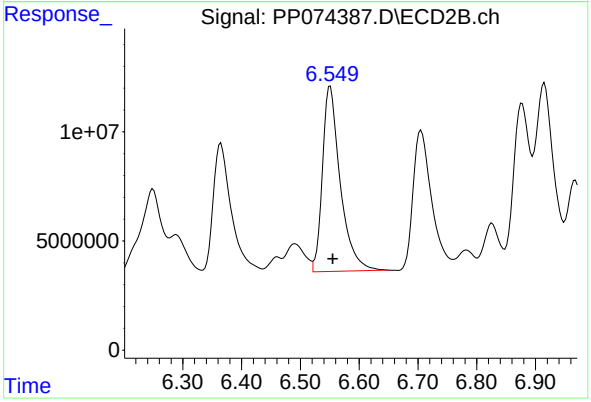
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 61204197
Conc: 523.28 ng/ml



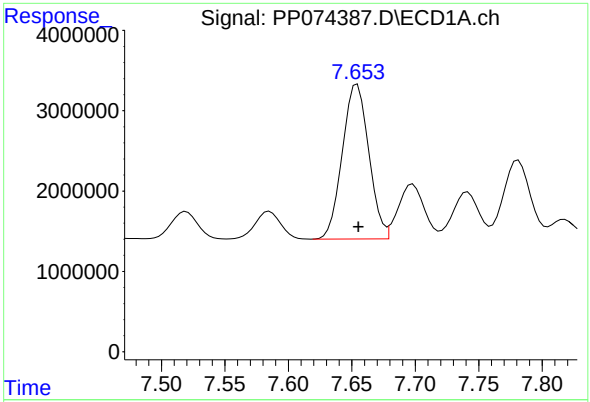
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 24225116
Conc: 429.86 ng/ml



#31 AR-1260-1

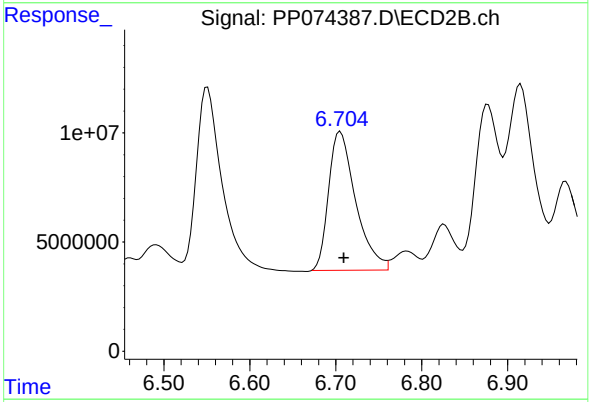
R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 179431407
Conc: 444.18 ng/ml



#32 AR-1260-2

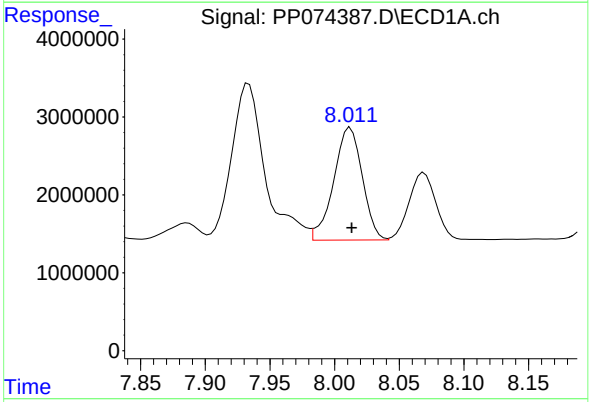
R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 27986237
Conc: 410.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



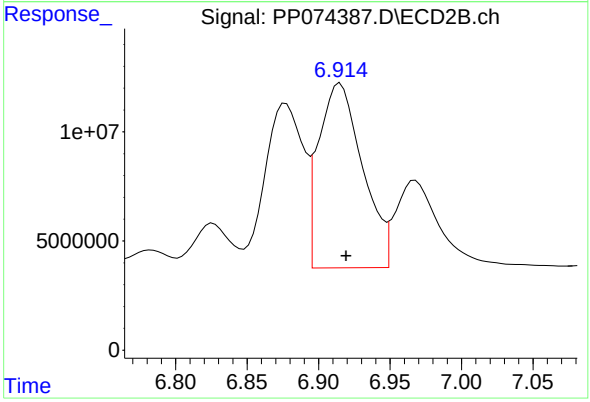
#32 AR-1260-2

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 139046859
Conc: 444.67 ng/ml



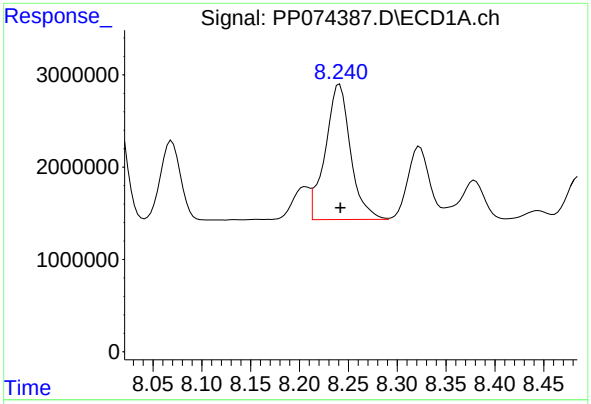
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: -0.001 min
Response: 22226254
Conc: 417.03 ng/ml



#33 AR-1260-3

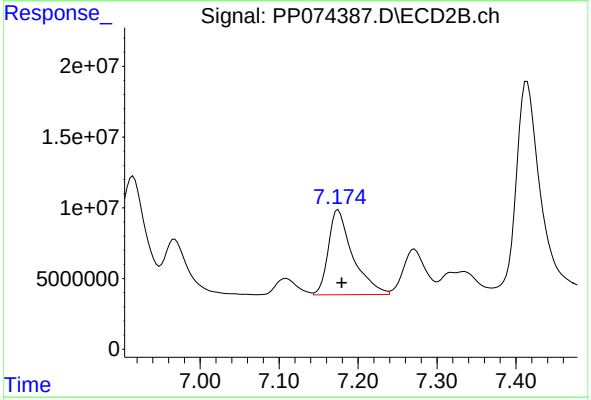
R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 180902138
Conc: 459.00 ng/ml



#34 AR-1260-4

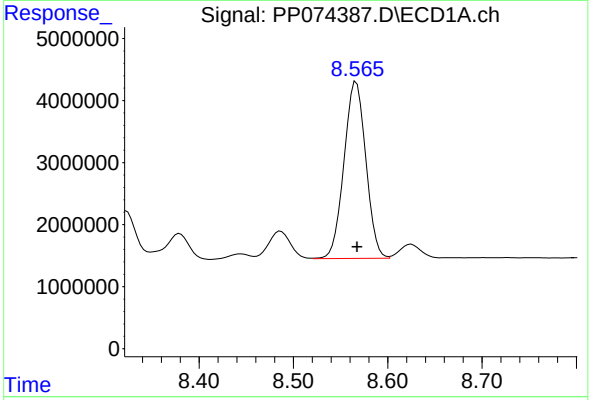
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 26416708
Conc: 421.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



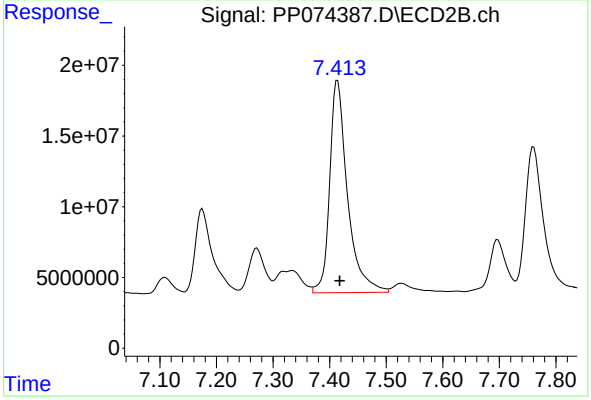
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 128761914
Conc: 442.51 ng/ml



#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 45906476
Conc: 405.16 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 328363967
Conc: 433.54 ng/ml

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

Analytical Sequence

Client: First Environment, Inc. **SDG No.:** Q2814

Project: USACE018-44 DOD **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	08/13/2025	15:57	PO112911.D	8.69	3.67
I.BLK	I.BLK	08/13/2025	17:07	PO112915.D	8.69	3.66
FB	Q2814-16	08/13/2025	17:24	PO112916.D	8.69	3.67
TW-84SB-E	Q2814-01	08/13/2025	17:41	PO112917.D	8.69	3.67
TW-17M-W	Q2814-03	08/13/2025	18:33	PO112920.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/13/2025	20:35	PO112924.D	8.69	3.67
I.BLK	I.BLK	08/13/2025	22:19	PO112928.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/14/2025	08:33	PO112930.D	8.69	3.67
AR1254CCC500	AR1254CCC500	08/14/2025	09:28	PO112933.D	8.69	3.67
I.BLK	I.BLK	08/14/2025	09:46	PO112934.D	8.69	3.67
TW-518R-S	Q2814-17	08/14/2025	10:23	PO112936.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/14/2025	15:27	PO112945.D	8.69	3.67
AR1254CCC500	AR1254CCC500	08/14/2025	16:20	PO112948.D	8.69	3.67

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Analytical Sequence

I.BLK	I.BLK	08/14/2025	16:37	PO112949.D	8.68	3.67
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	10.44	4.66
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	10.44	4.66
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	10.44	4.66
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	10.44	4.66
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	10.44	4.66
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	10.43	4.66
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	10.43	4.66
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	10.43	4.66
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	10.43	4.66
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	10.43	4.66
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/13/2025	15:54	PP074348.D	10.44	4.66
I.BLK	I.BLK	08/13/2025	16:42	PP074351.D	10.45	4.66
PB169224BL	PB169224BL	08/13/2025	16:59	PP074352.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/13/2025	20:30	PP074362.D	10.44	4.66
I.BLK	I.BLK	08/13/2025	21:52	PP074365.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/14/2025	08:27	PP074373.D	10.44	4.66
I.BLK	I.BLK	08/14/2025	09:17	PP074376.D	10.44	4.66
PB169224BS	PB169224BS	08/14/2025	09:49	PP074378.D	10.44	4.66
PB169224BSD	PB169224BSD	08/14/2025	10:06	PP074379.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/14/2025	14:22	PP074387.D	10.44	4.66
I.BLK	I.BLK	08/14/2025	15:11	PP074390.D	10.44	4.66

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Analytical Sequence

Client: First Environment, Inc. **SDG No.:** Q2814

Project: USACE018-44 DOD **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/13/2025	15:57	PO112911.D	8.63	3.66
I.BLK	I.BLK	08/13/2025	17:07	PO112915.D	8.63	3.66
FB	Q2814-16	08/13/2025	17:24	PO112916.D	8.63	3.66
TW-84SB-E	Q2814-01	08/13/2025	17:41	PO112917.D	8.63	3.66
TW-17M-W	Q2814-03	08/13/2025	18:33	PO112920.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/13/2025	20:35	PO112924.D	8.63	3.66
I.BLK	I.BLK	08/13/2025	22:19	PO112928.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/14/2025	08:33	PO112930.D	8.63	3.66
AR1254CCC500	AR1254CCC500	08/14/2025	09:28	PO112933.D	8.63	3.66
I.BLK	I.BLK	08/14/2025	09:46	PO112934.D	8.63	3.66
TW-518R-S	Q2814-17	08/14/2025	10:23	PO112936.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/14/2025	15:27	PO112945.D	8.63	3.66
AR1254CCC500	AR1254CCC500	08/14/2025	16:20	PO112948.D	8.63	3.66

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Analytical Sequence

I.BLK	I.BLK	08/14/2025	16:37	PO112949.D	8.63	3.66
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	8.83	3.80
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	8.83	3.81
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	8.83	3.80
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	8.83	3.81
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	8.83	3.81
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	8.83	3.80
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	8.83	3.80
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	8.83	3.80
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	8.83	3.81
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	8.82	3.81
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	8.82	3.81
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	8.82	3.80
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/13/2025	15:54	PP074348.D	8.82	3.80
I.BLK	I.BLK	08/13/2025	16:42	PP074351.D	8.82	3.80
PB169224BL	PB169224BL	08/13/2025	16:59	PP074352.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/13/2025	20:30	PP074362.D	8.82	3.80
I.BLK	I.BLK	08/13/2025	21:52	PP074365.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/14/2025	08:27	PP074373.D	8.82	3.80
I.BLK	I.BLK	08/14/2025	09:17	PP074376.D	8.82	3.80
PB169224BS	PB169224BS	08/14/2025	09:49	PP074378.D	8.82	3.80
PB169224BSD	PB169224BSD	08/14/2025	10:06	PP074379.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/14/2025	14:22	PP074387.D	8.82	3.80
I.BLK	I.BLK	08/14/2025	15:11	PP074390.D	8.82	3.80

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TW-518R-S

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2814

Lab Sample ID: Q2814-17 | Date(s) Analyzed: 08/14/2025 08/14/2025

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 PO112936.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.558	5.508	5.608	0.25		
	2	5.709	5.659	5.759	0.33		
	3	6.116	6.066	6.166	0.43		
COLUMN 1	4	6.337	6.287	6.387	0.22		
	5	6.757	6.707	6.807	0.25	0.30	
	1	5.53	5.48	5.58	0.17		
	2	5.679	5.629	5.729	0.34		
	3	6.082	6.032	6.132	0.40		
	4	6.305	6.255	6.355	0.18		
COLUMN 2	5	6.72	6.67	6.77	0.26	0.27	8.36

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169224BS

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2814

Lab Sample ID: PB169224BS Date(s) Analyzed: 08/14/2025 08/14/2025

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 PP074378.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.81	5.76	5.86	5.00		
	2	5.831	5.781	5.881	5.12		
	3	5.894	5.844	5.944	5.11		
COLUMN 1	4	5.991	5.941	6.041	5.14		
	5	6.284	6.234	6.334	4.91	5.10	
	1	4.901	4.851	4.951	5.13		
	2	4.958	4.908	5.008	5.09		
	3	5.078	5.028	5.128	5.12		
	4	5.119	5.069	5.169	4.93		
COLUMN 2	5	5.333	5.283	5.383	4.89	5.00	1.98
Aroclor-1260	1	7.402	7.352	7.452	5.03		
	2	7.655	7.605	7.705	4.78		
	3	8.013	7.963	8.063	4.13		
COLUMN 1	4	8.24	8.19	8.29	4.56		
	5	8.567	8.517	8.617	4.14	4.50	
	1	6.55	6.5	6.6	5.29		
	2	6.705	6.655	6.755	5.16		
	3	6.914	6.864	6.964	4.55		
	4	7.175	7.125	7.225	4.59		
COLUMN 2	5	7.414	7.364	7.464	4.61	4.80	6.45

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169224BSD

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2814

Lab Sample ID: PB169224BSD Date(s) Analyzed: 08/14/2025 08/14/2025

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 PP074379.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.813	5.763	5.863	5.16		
	2	5.834	5.784	5.884	5.11		
	3	5.897	5.847	5.947	5.30		
COLUMN 1	4	5.994	5.944	6.044	5.27		
	5	6.287	6.237	6.337	4.99	5.20	
	1	4.903	4.853	4.953	5.25		
	2	4.961	4.911	5.011	5.06		
	3	5.081	5.031	5.131	4.95		
	4	5.121	5.071	5.171	4.87		
COLUMN 2	5	5.336	5.286	5.386	5.05	5.00	3.92
Aroclor-1260	1	7.404	7.354	7.454	5.08		
	2	7.657	7.607	7.707	4.89		
	3	8.015	7.965	8.065	4.28		
COLUMN 1	4	8.242	8.192	8.292	4.79		
	5	8.569	8.519	8.619	4.17	4.60	
	1	6.552	6.502	6.602	5.29		
	2	6.706	6.656	6.756	5.32		
	3	6.916	6.866	6.966	4.76		
	4	7.177	7.127	7.227	4.71		
COLUMN 2	5	7.416	7.366	7.466	4.61	4.90	6.32

QC SAMPLE DATA

Raw Data: **PP074352.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	USACE018-44 DOD	Date Received:	
Client Sample ID:	PB169224BL	SDG No.:	Q2814
Lab Sample ID:	PB169224BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074352.D	1	08/12/25 09:25	08/13/25 16:59	PB169224

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
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
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.4		35 - 137		127%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		40 - 135		120%	SPK: 20

Comments:

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

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

Sample Results: **PP074352.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 16:59
Operator : YP\AJ
Sample : PB169224BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 23:59:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.658	3.801	28422919	86491849	25.416	22.557
2)	SA Decachlor...	10.438	8.819	23299340	132.2E6	23.991	21.990
	Target Compounds						

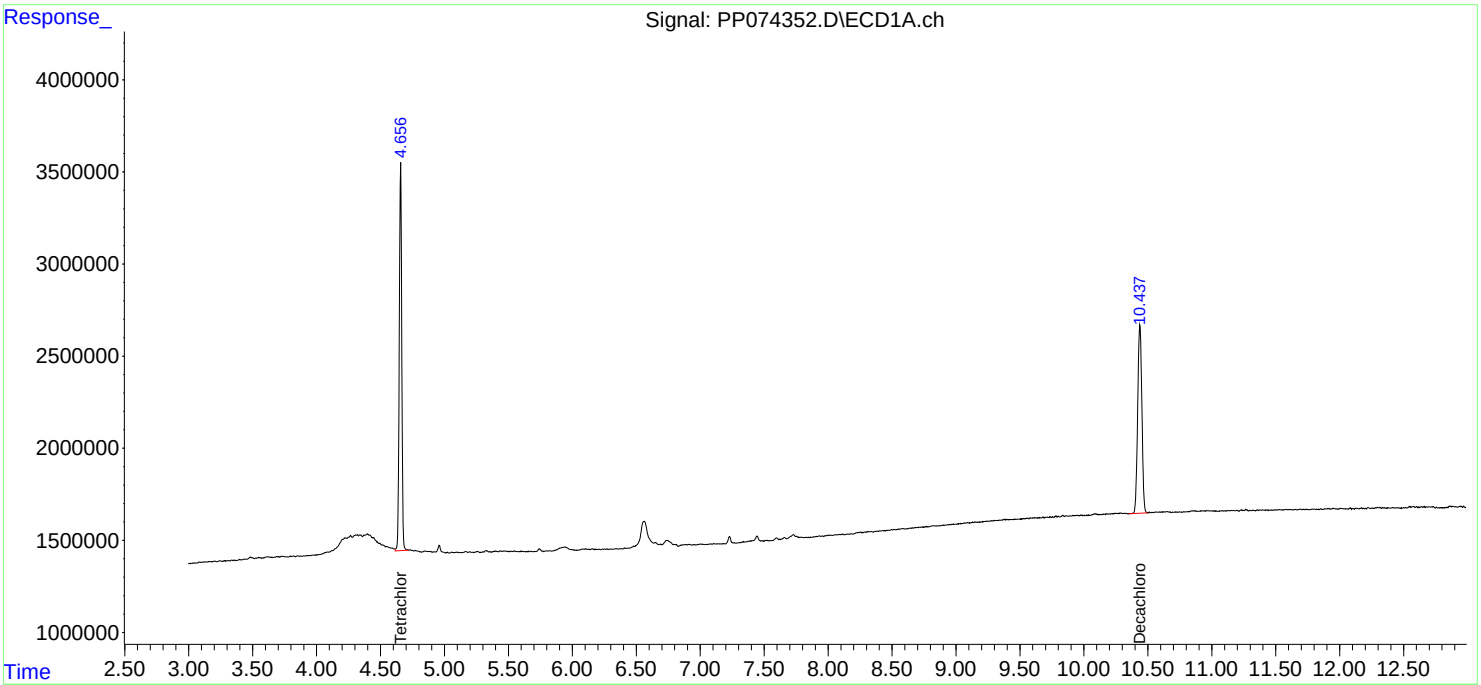
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

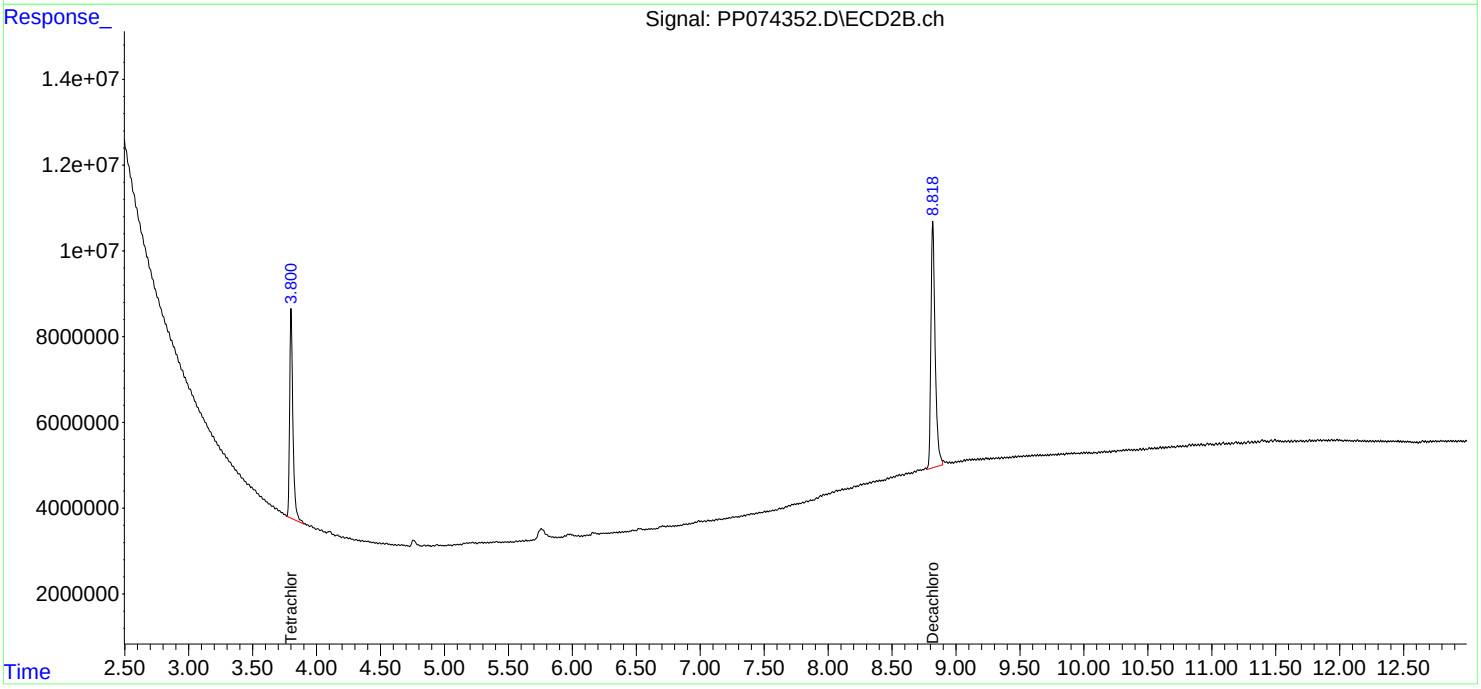
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 16:59
Operator : YP\AJ
Sample : PB169224BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

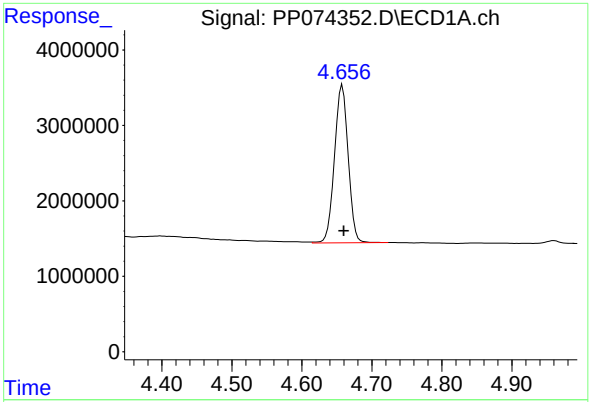
Instrument :
ECD_P
ClientSampleId :
PB169224BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 23:59:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



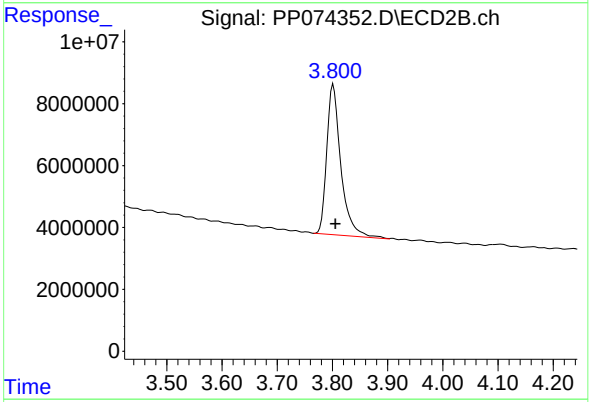




#1 Tetrachloro-m-xylene

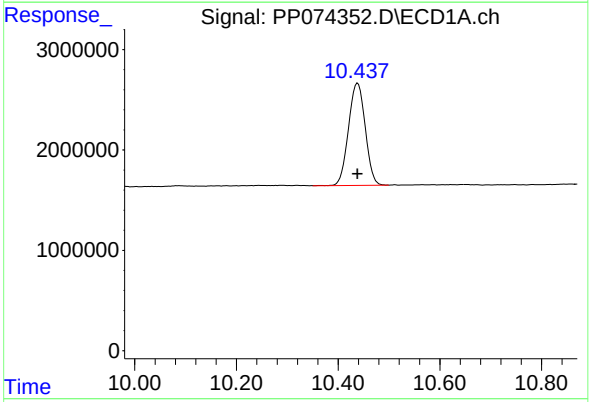
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 28422919
Conc: 25.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BL



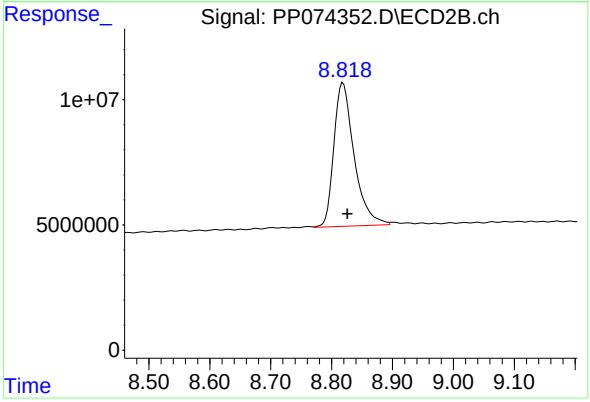
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 86491849
Conc: 22.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 23299340
Conc: 23.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.819 min
Delta R.T.: -0.007 min
Response: 132239732
Conc: 21.99 ng/ml

Raw Data: **PO112413.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/23/25
Project:	USACE018-44 DOD	Date Received:	07/23/25
Client Sample ID:	PIBLK-PO112413.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PO112413.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO112413.D	1		07/23/25	PO072325

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	19.1		60 - 140		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		60 - 140		100%	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\PO072325\
Data File : PO112413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:14
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: Jul 24 05:03:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.670	3.662	155.1E6	97072114	19.073	19.535
2)	SA Decachlor...	8.694	8.640	146.0E6	36122645	19.970	20.442
	Target Compounds						

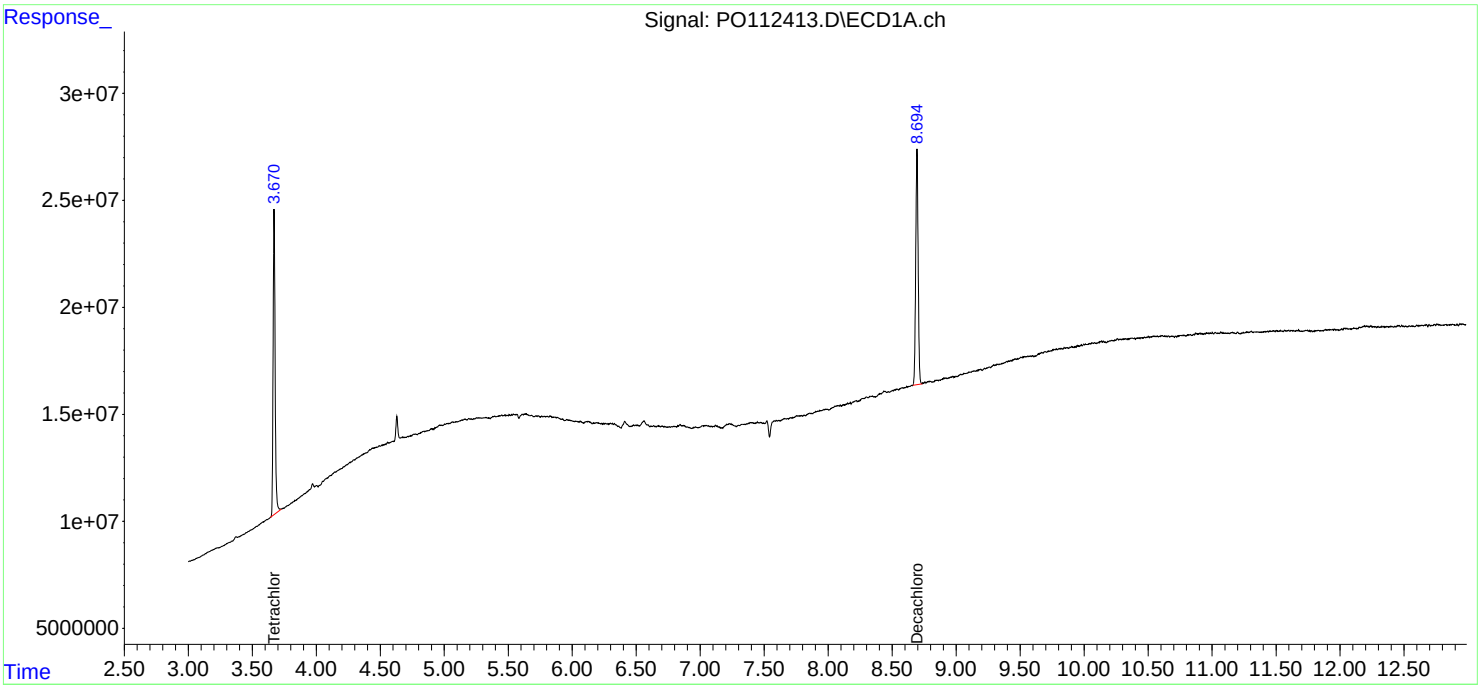
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

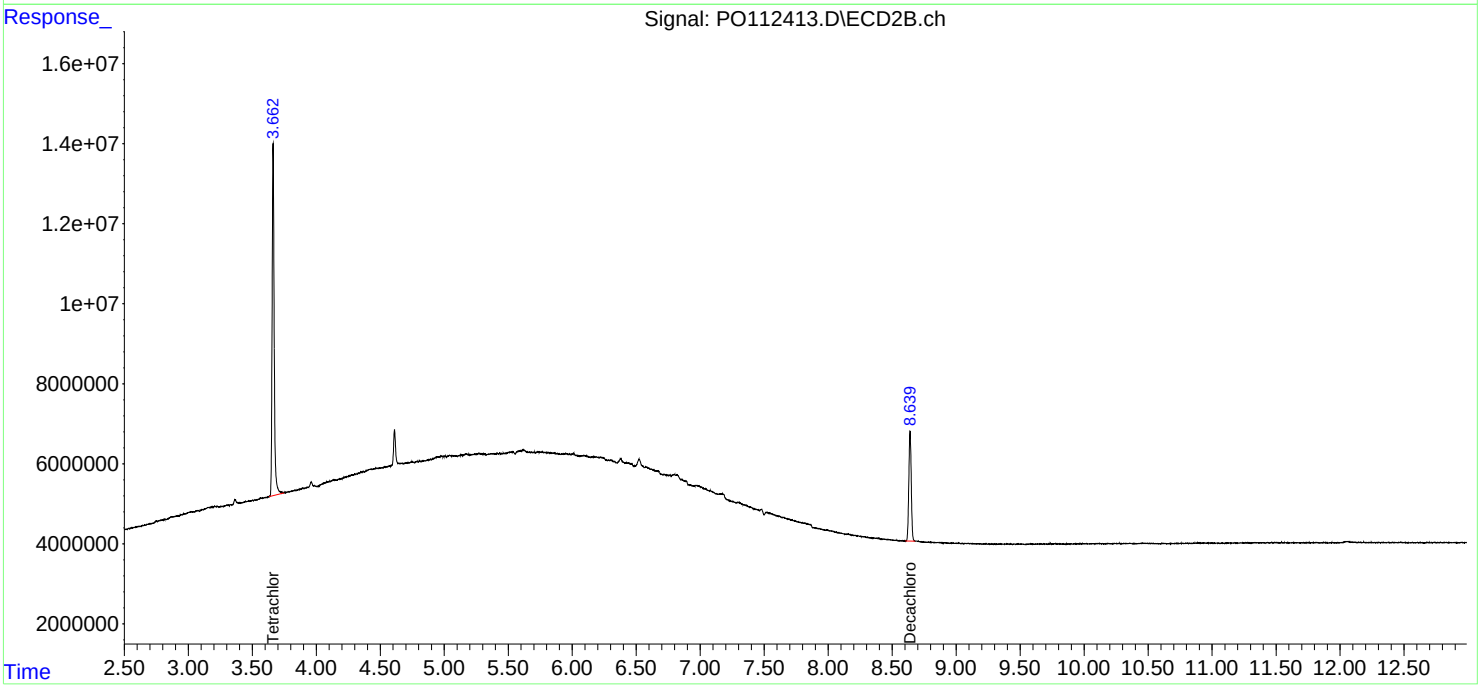
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

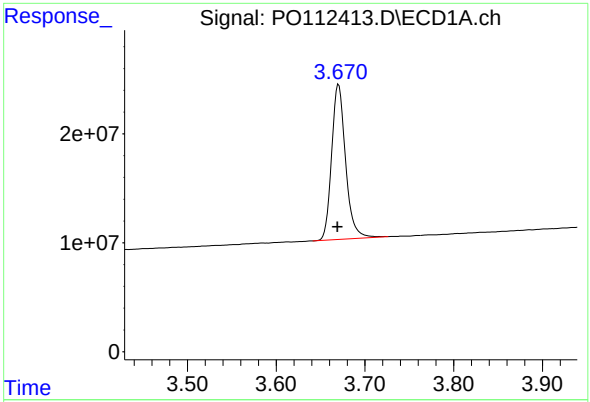
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:03:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



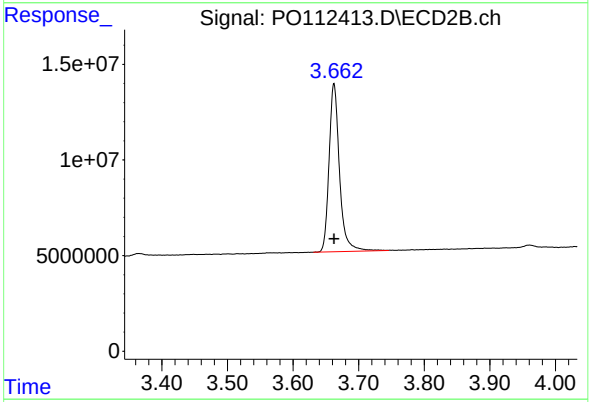




#1 Tetrachloro-m-xylene

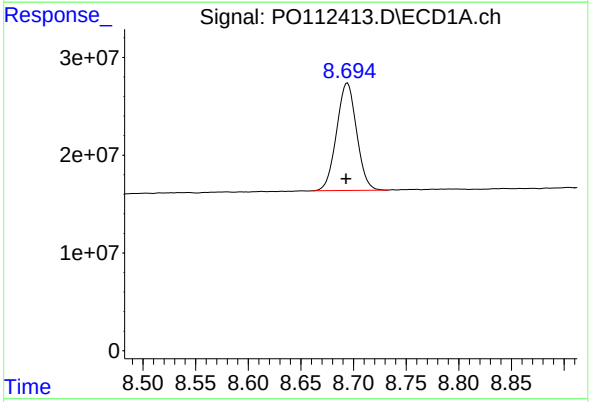
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 155090113
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



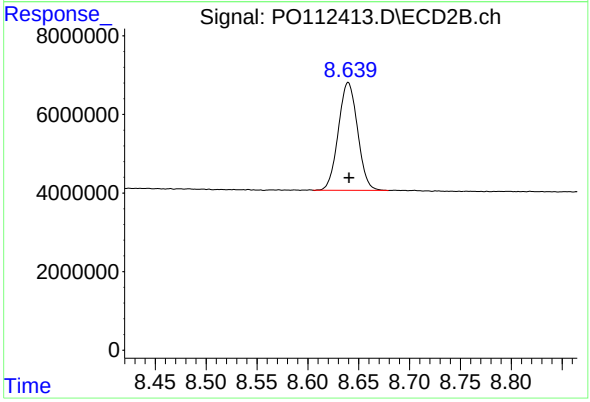
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 97072114
Conc: 19.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.001 min
Response: 146014518
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 36122645
Conc: 20.44 ng/ml

Raw Data: **PO112915.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/13/25
Project:	USACE018-44 DOD	Date Received:	08/13/25
Client Sample ID:	PIBLK-PO112915.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PO112915.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO112915.D	1		08/13/25	po081325

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	19.4		60 - 140		97%	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\PO081325\
Data File : PO112915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 17:07
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: Aug 14 05:07:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.664	3.658	162.0E6	96598278	19.927	19.439
2)	SA Decachlor...	8.685	8.632	140.4E6	37598882	19.200	21.277
	Target Compounds						

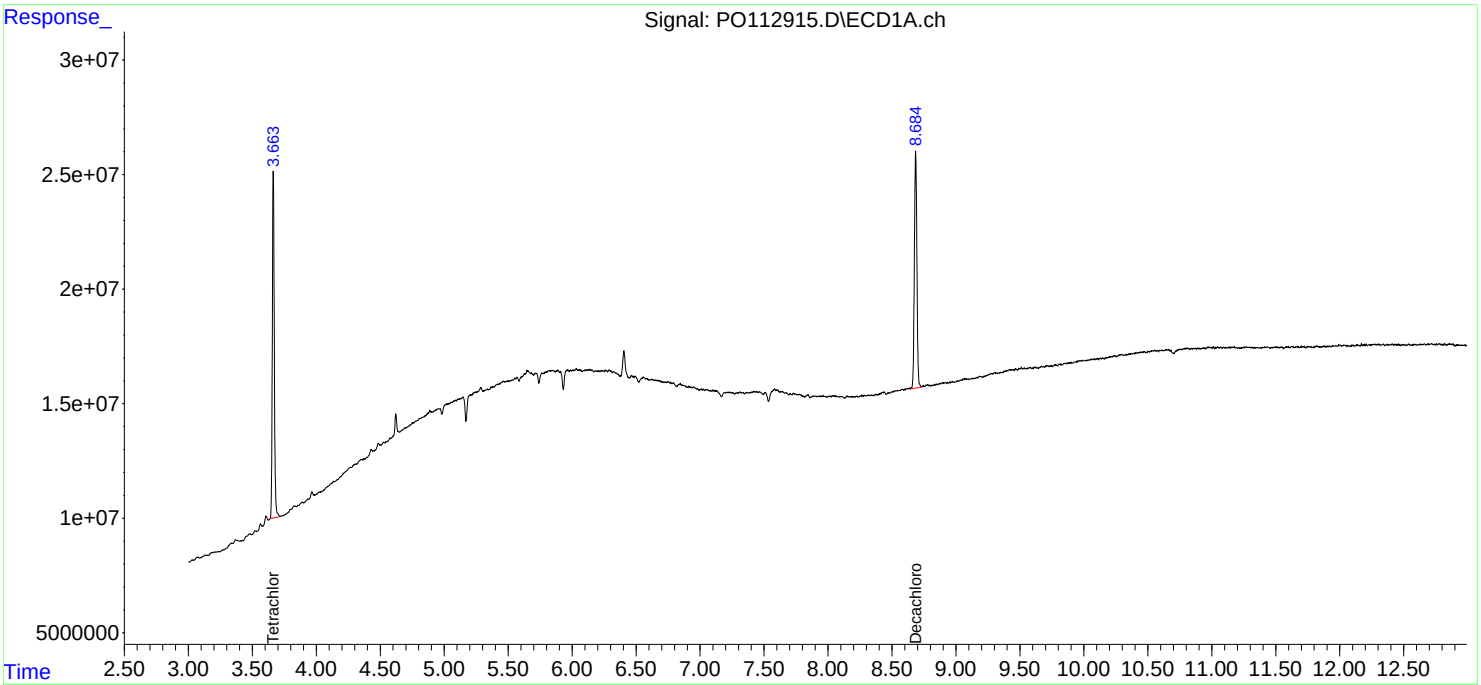
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

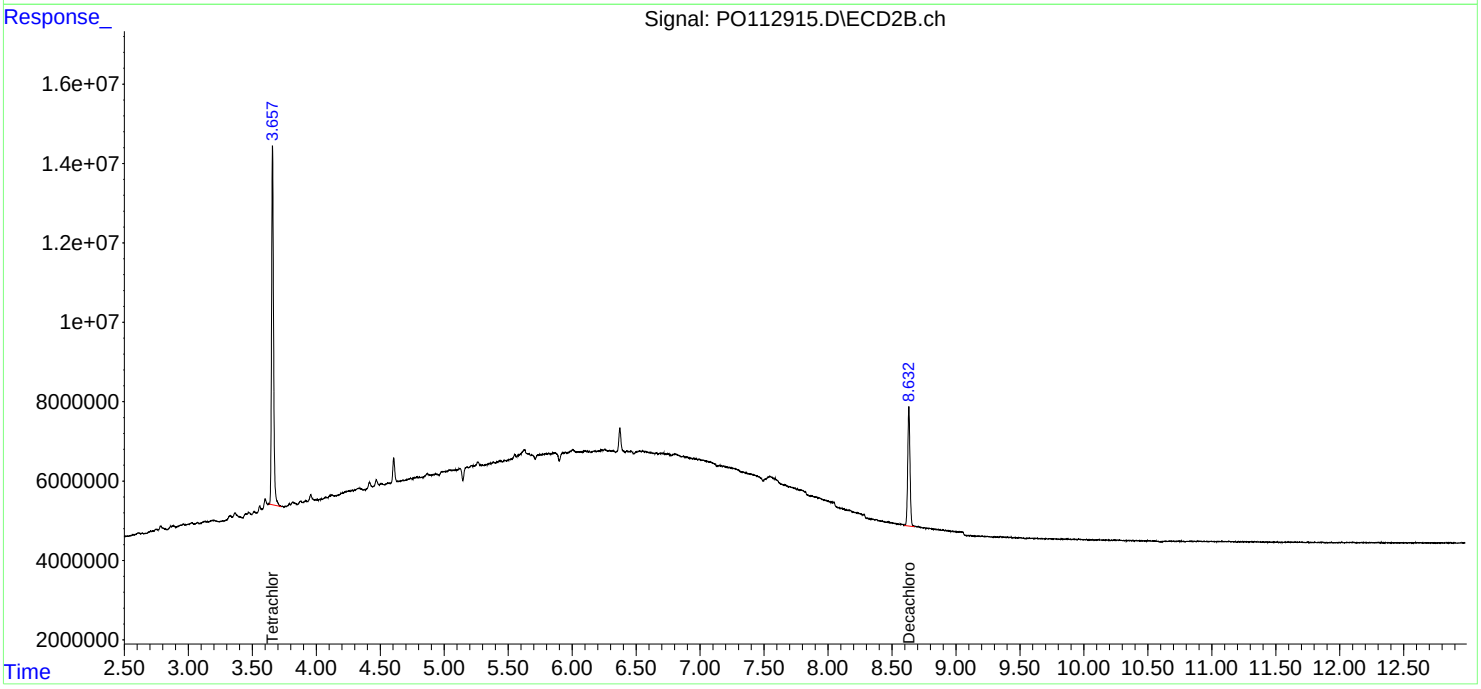
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 17:07
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

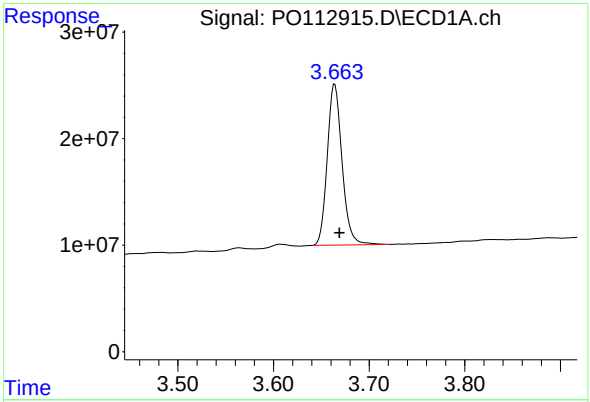
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:07:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



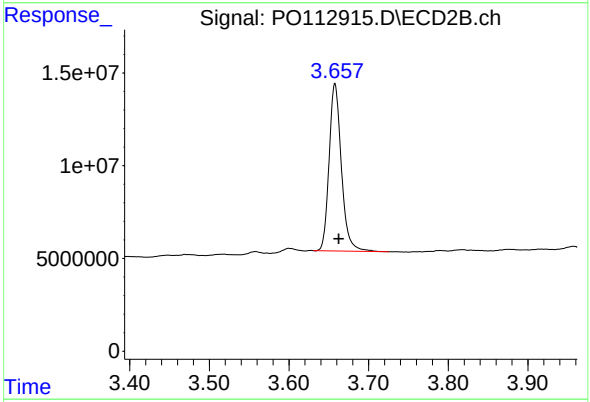




#1 Tetrachloro-m-xylene

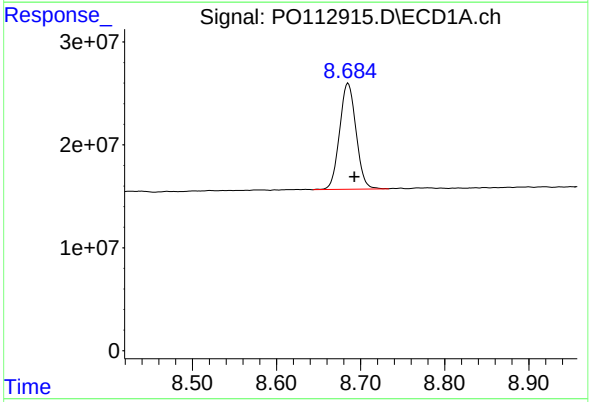
R.T.: 3.664 min
Delta R.T.: -0.005 min
Response: 162036561
Conc: 19.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



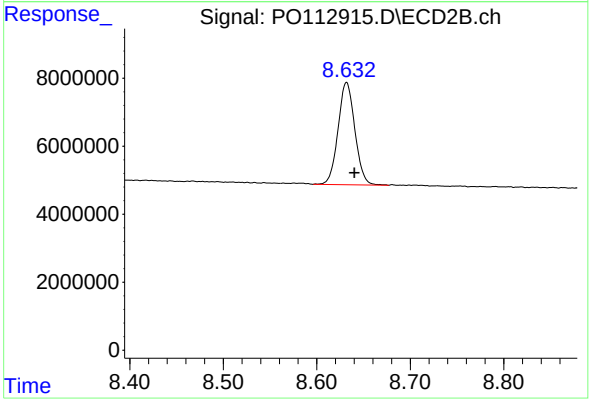
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.005 min
Response: 96598278
Conc: 19.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 140387437
Conc: 19.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.009 min
Response: 37598882
Conc: 21.28 ng/ml

Raw Data: **PO112928.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/13/25
Project:	USACE018-44 DOD	Date Received:	08/13/25
Client Sample ID:	PIBLK-PO112928.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PO112928.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO112928.D	1		08/13/25	po081325

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	20.4		60 - 140		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		60 - 140		97%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 22:19
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: Aug 14 05:10:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.659	169.6E6	101.4E6	20.852	20.409
2)	SA Decachlor...	8.685	8.631	142.4E6	38057554	19.479	21.537
	Target Compounds						

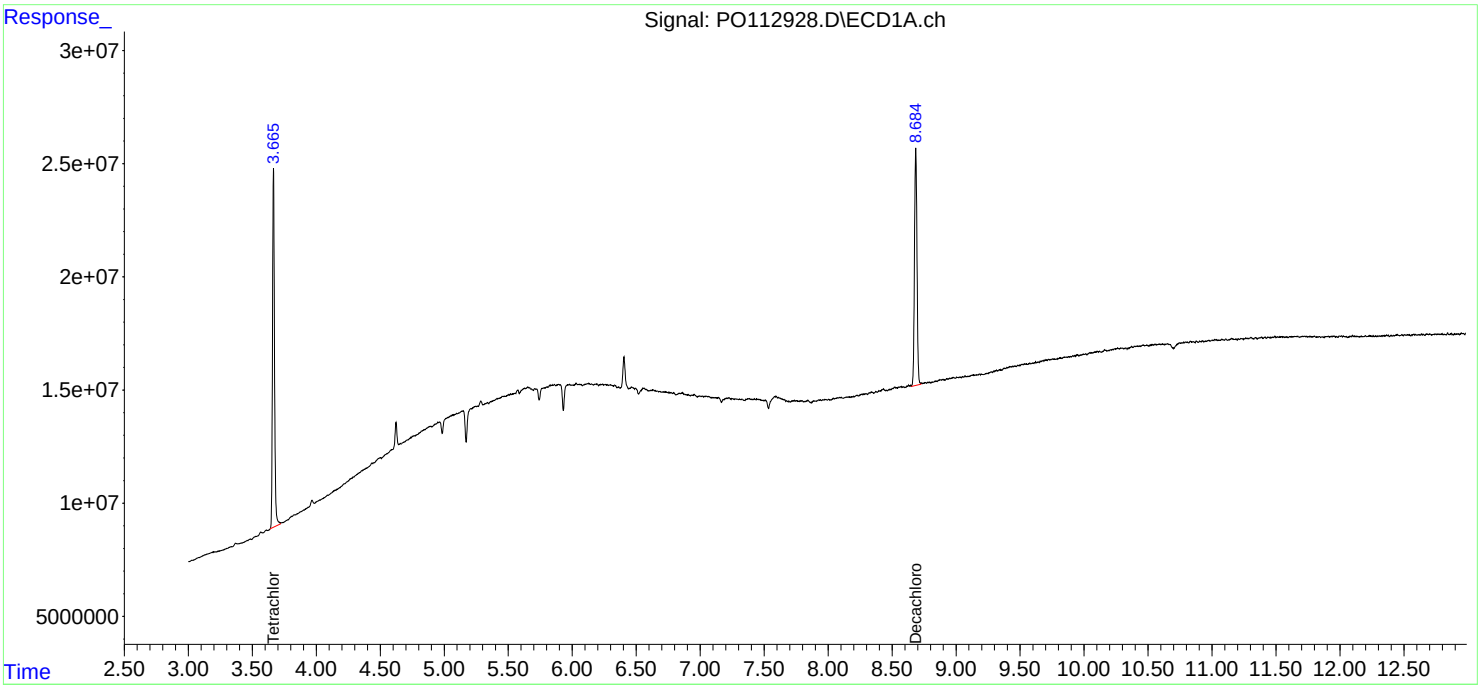
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

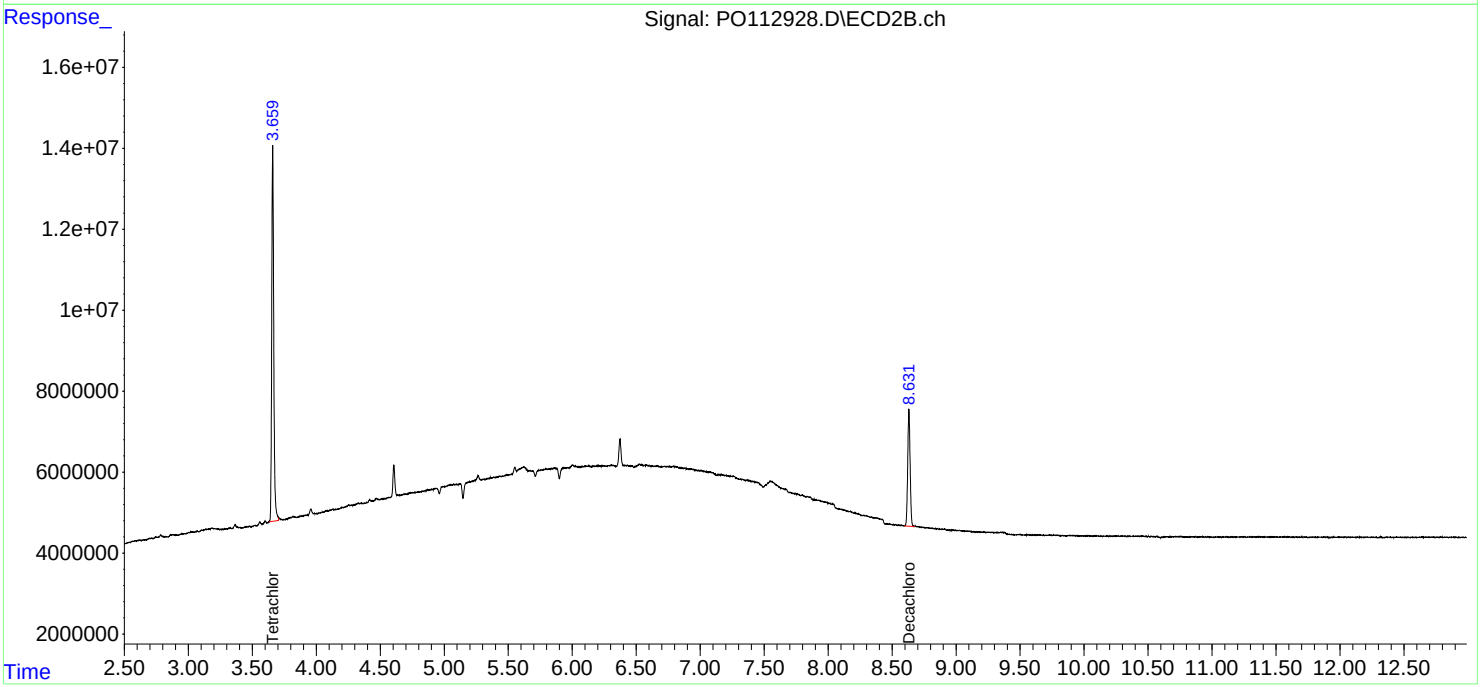
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 22:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

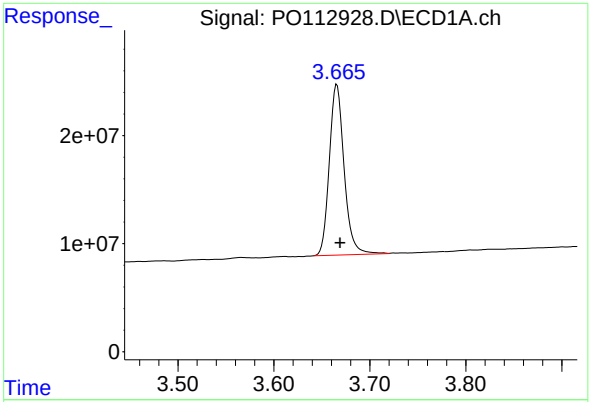
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:10:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



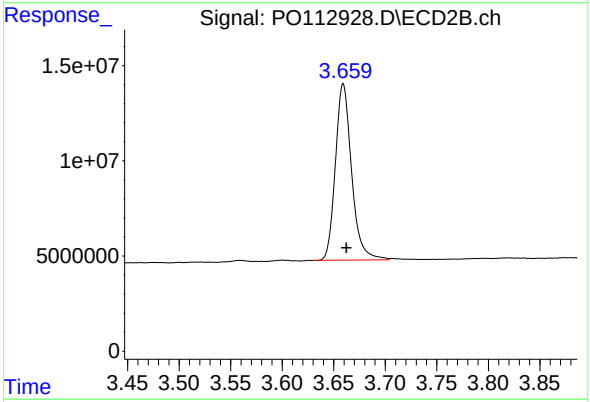




#1 Tetrachloro-m-xylene

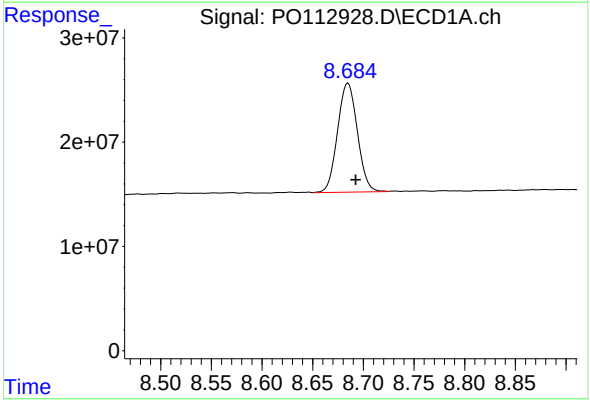
R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 169559692
Conc: 20.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



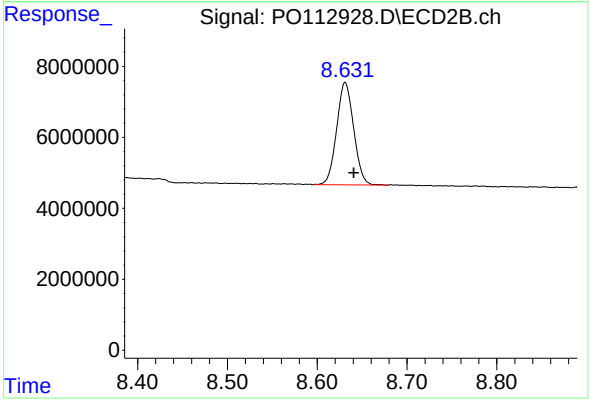
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 101415389
Conc: 20.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 142423675
Conc: 19.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 38057554
Conc: 21.54 ng/ml

Raw Data: **PO112934.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/14/25
Project:	USACE018-44 DOD	Date Received:	08/14/25
Client Sample ID:	PIBLK-PO112934.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PO112934.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO112934.D	1		08/14/25	PO081425

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	19.9		60 - 140		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 140		98%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:46
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: Aug 14 10:45:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.659	167.6E6	98778759	20.611	19.878
2)	SA Decachlor...	8.687	8.633	144.0E6	37051529	19.690	20.967
	Target Compounds						

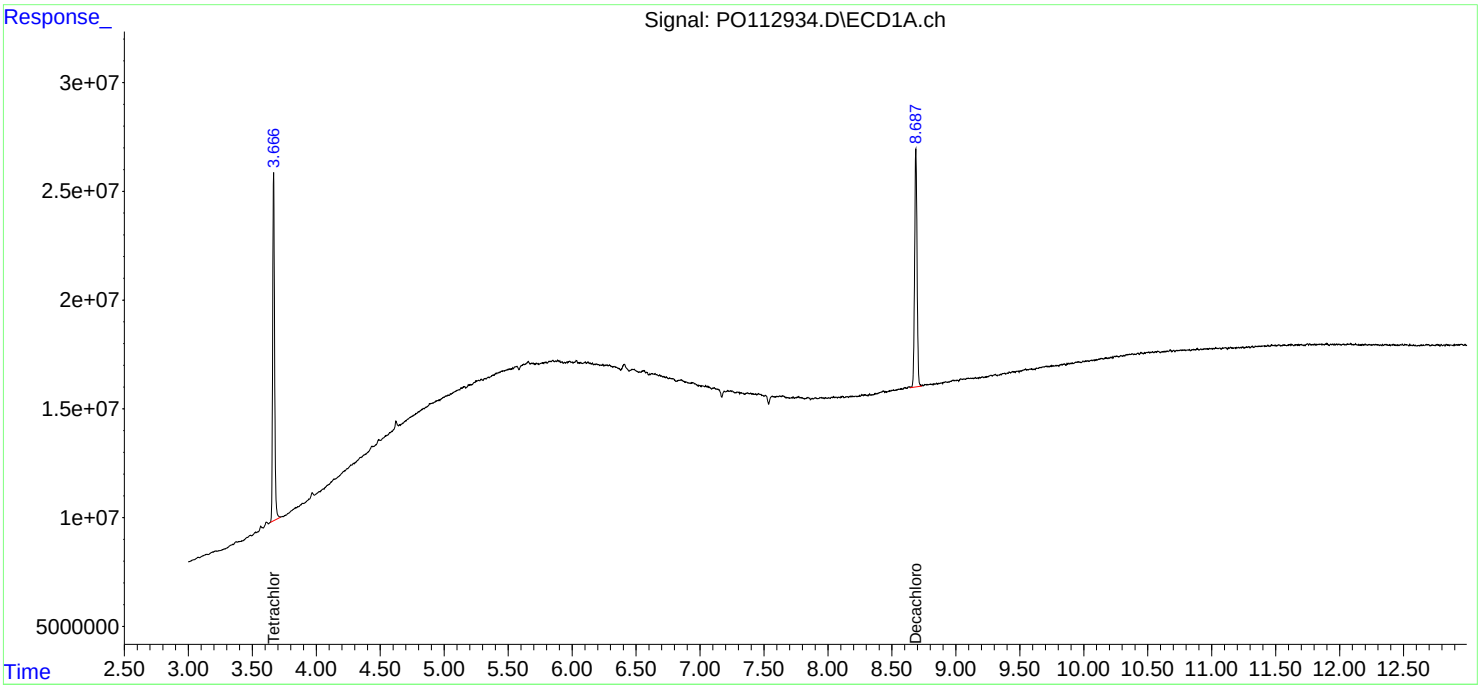
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

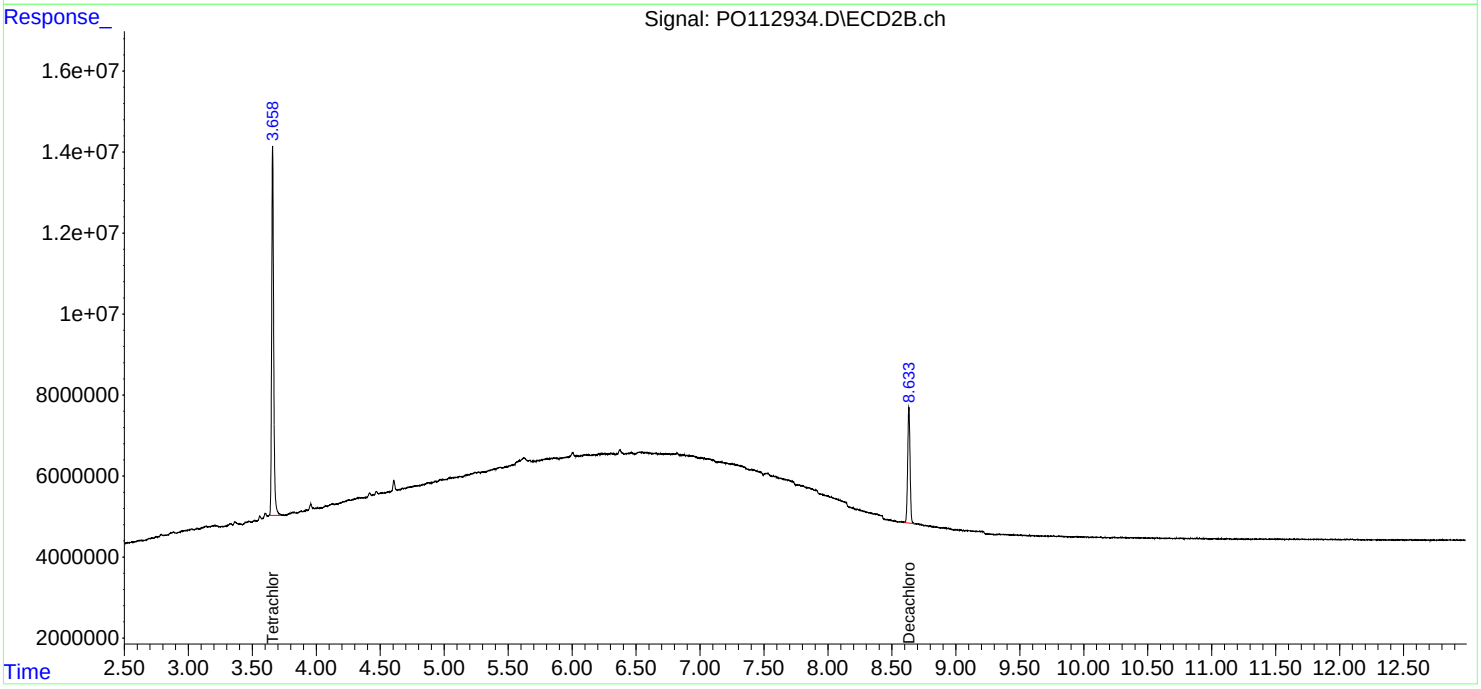
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:46
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

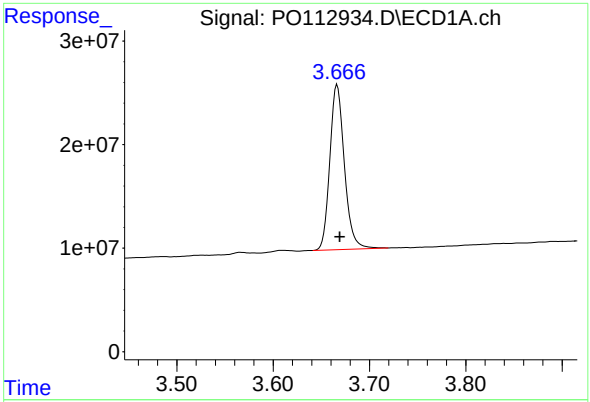
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:45:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



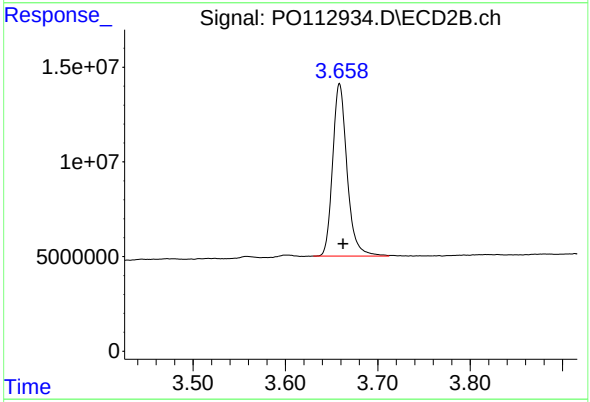




#1 Tetrachloro-m-xylene

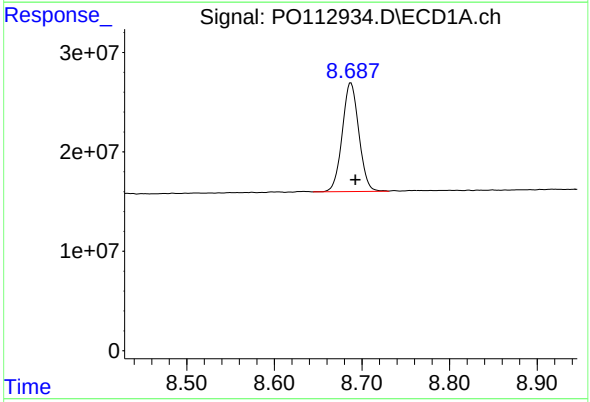
R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 167596018
Conc: 20.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



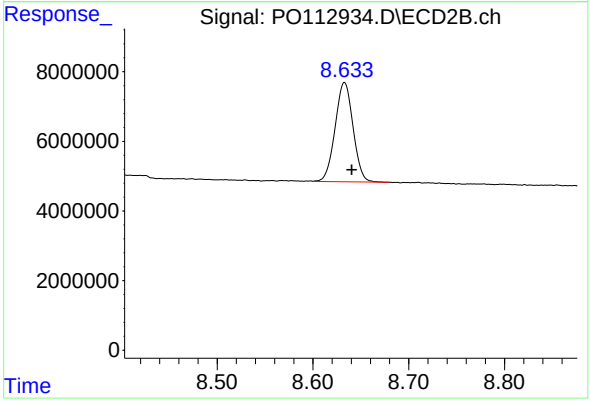
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 98778759
Conc: 19.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.005 min
Response: 143971108
Conc: 19.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 37051529
Conc: 20.97 ng/ml

Raw Data: **PO112949.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/14/25
Project:	USACE018-44 DOD	Date Received:	08/14/25
Client Sample ID:	PIBLK-PO112949.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PO112949.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO112949.D	1		08/14/25	PO081425

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	20.2		60 - 140		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 140		92%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 16:37
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: Aug 15 07:41:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.659	168.4E6	100.4E6	20.715	20.213
2)	SA Decachlor...	8.684	8.631	134.6E6	36627607	18.409	20.727
	Target Compounds						

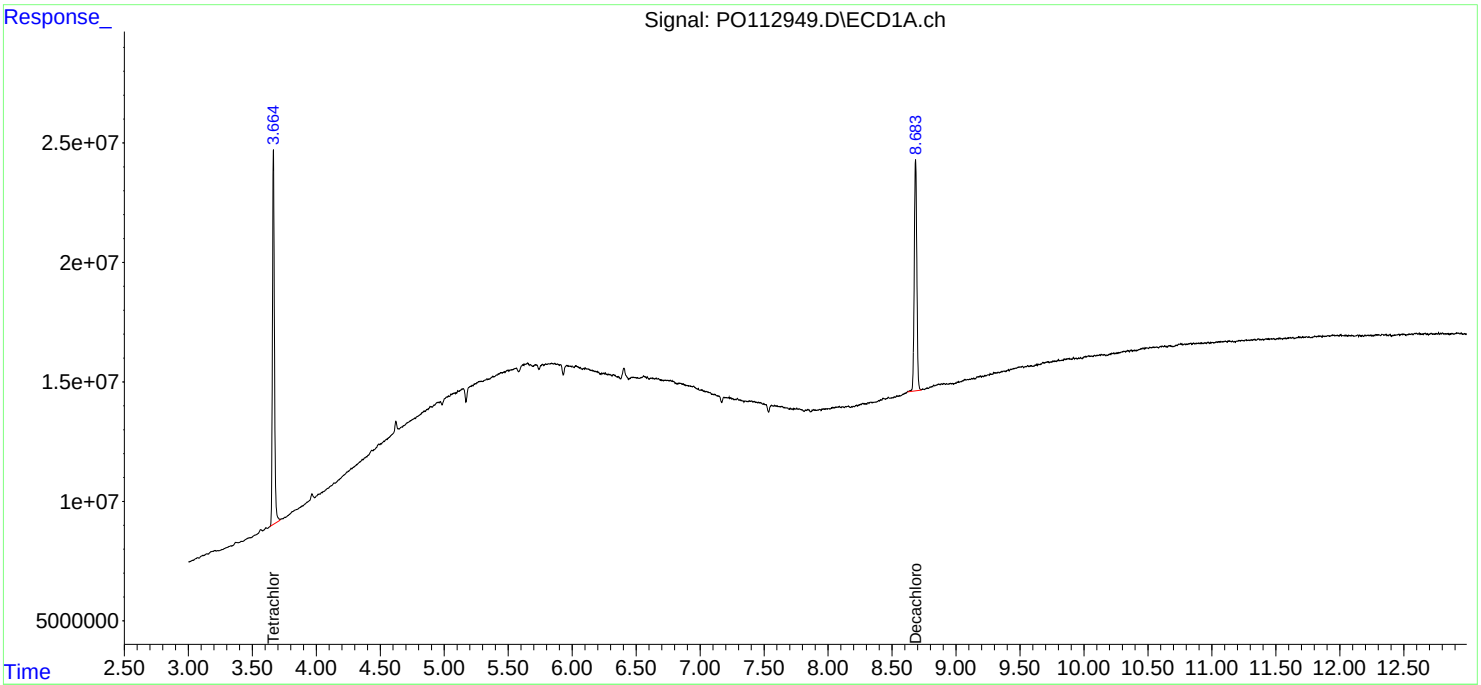
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

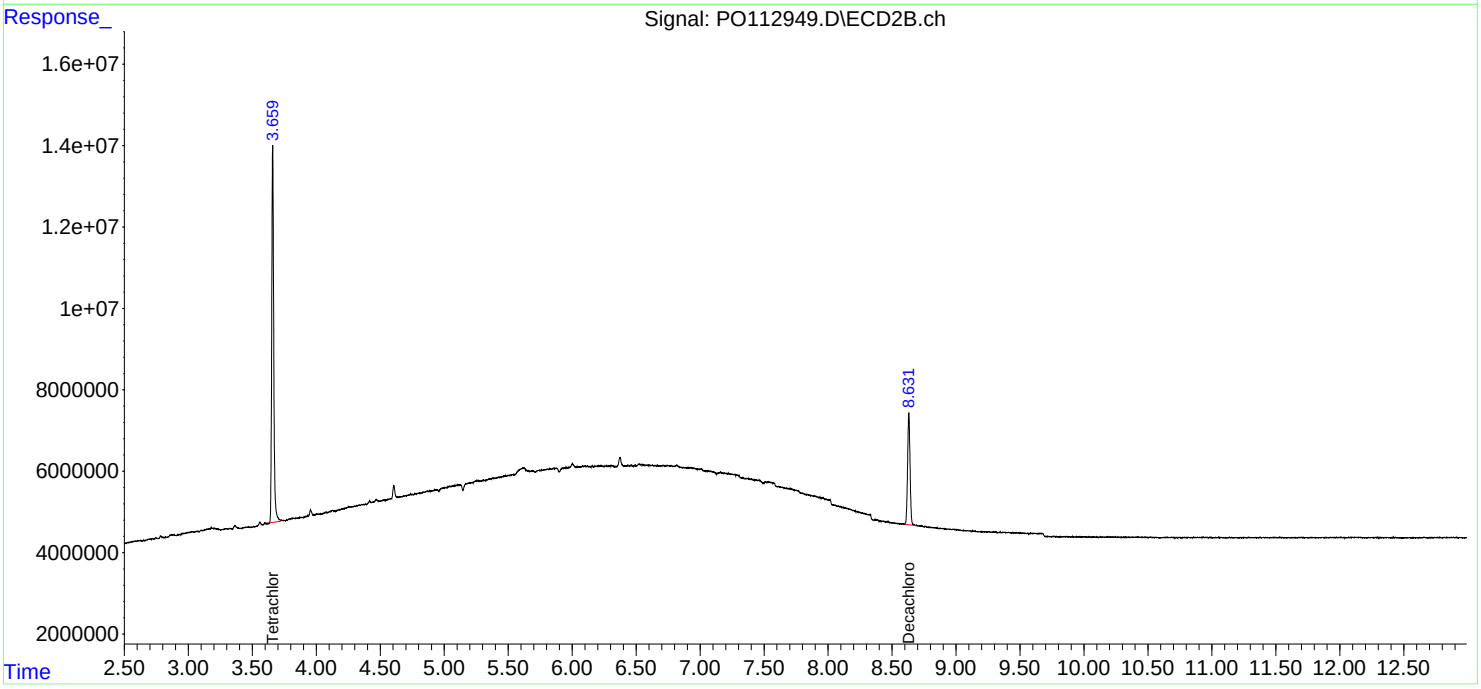
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 16:37
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

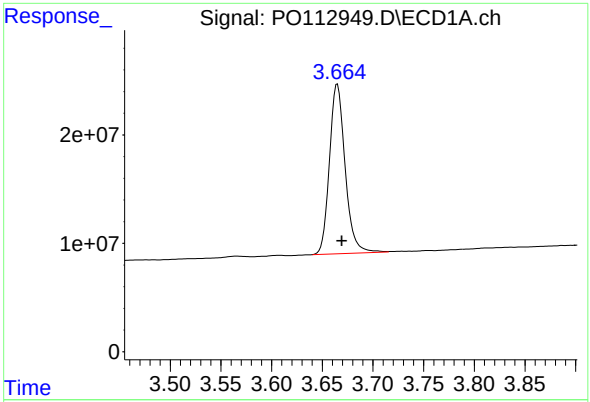
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 07:41:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



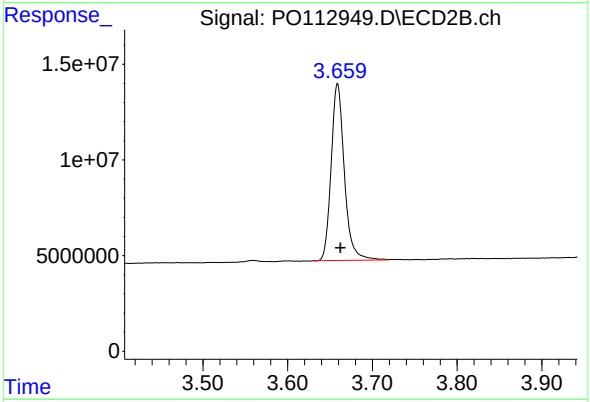




#1 Tetrachloro-m-xylene

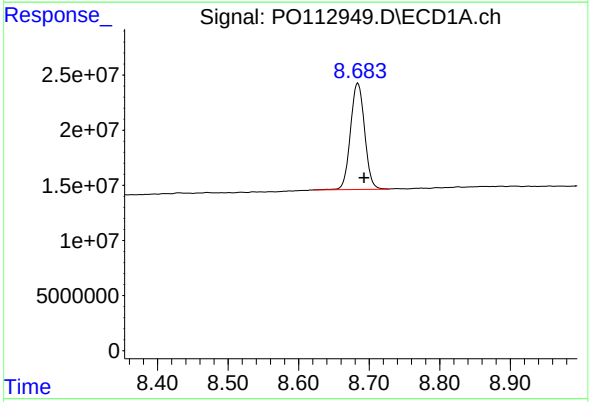
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 168445406
Conc: 20.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



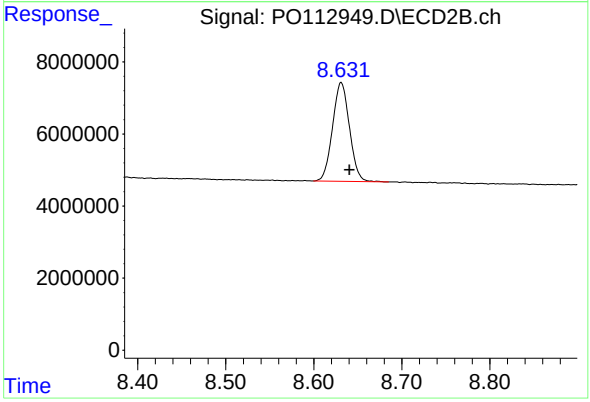
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 100440364
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.684 min
Delta R.T.: -0.009 min
Response: 134601469
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 36627607
Conc: 20.73 ng/ml

Raw Data: **PP074167.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/01/25
Project:	USACE018-44 DOD	Date Received:	08/01/25
Client Sample ID:	PIBLK-PP074167.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PP074167.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074167.D	1		08/01/25	PP080125

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	17.3		60 - 140		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140		93%	SPK: 20

Comments:

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

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

Sample Results: **PP074167.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
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: Aug 02 01:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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...	4.658	3.803	21300659	66146859	19.047	17.251
2)	SA Decachlor...	10.435	8.825	19096192	112.2E6	19.663	18.655
	Target Compounds						

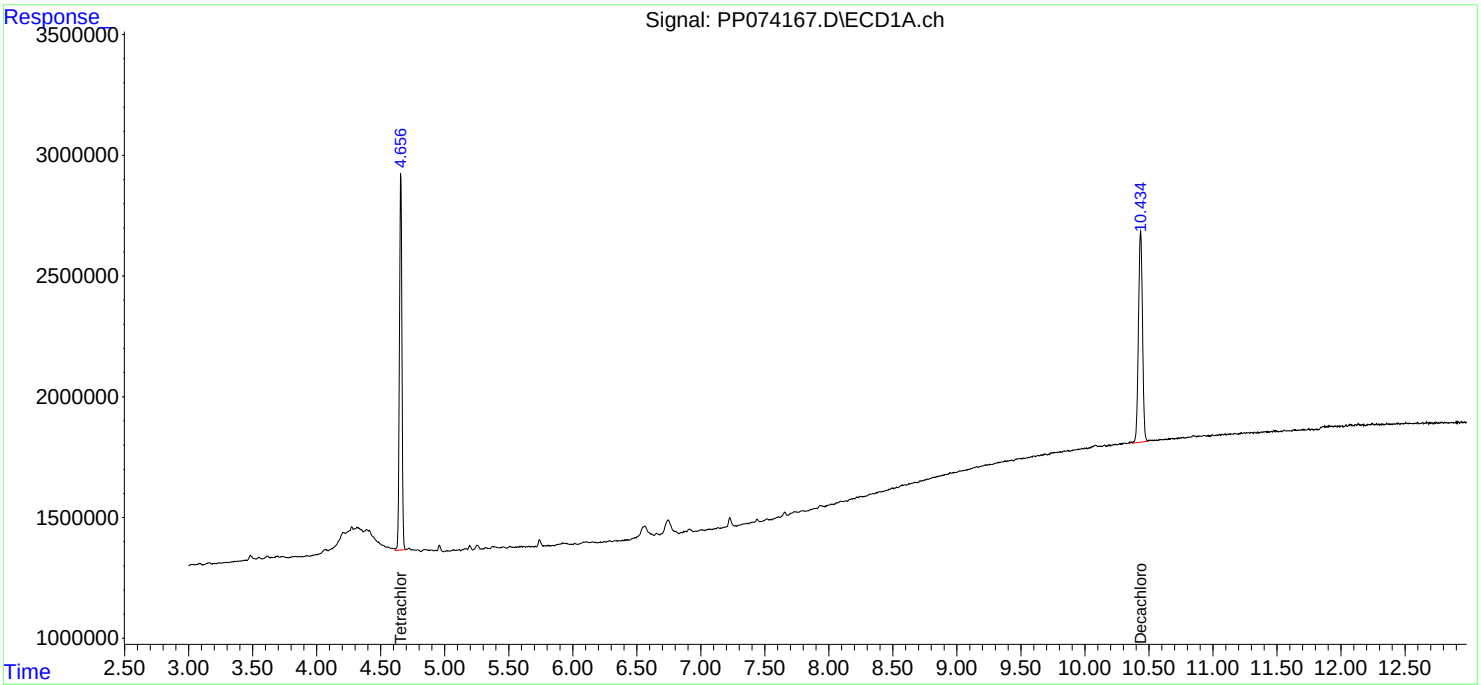
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

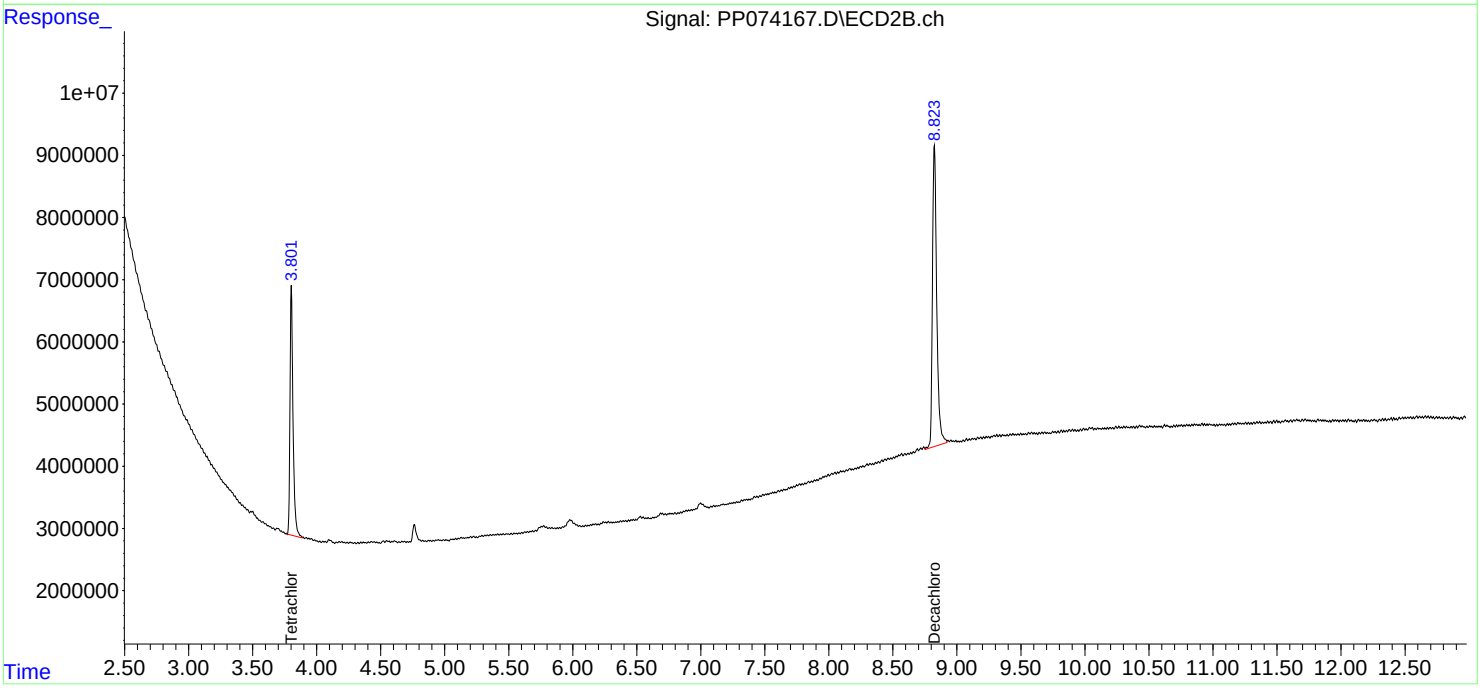
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

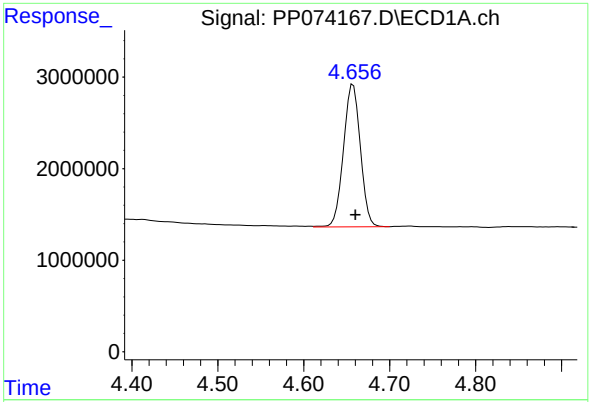
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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



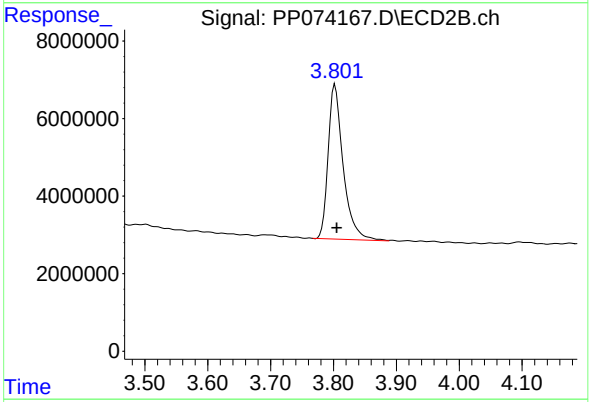




#1 Tetrachloro-m-xylene

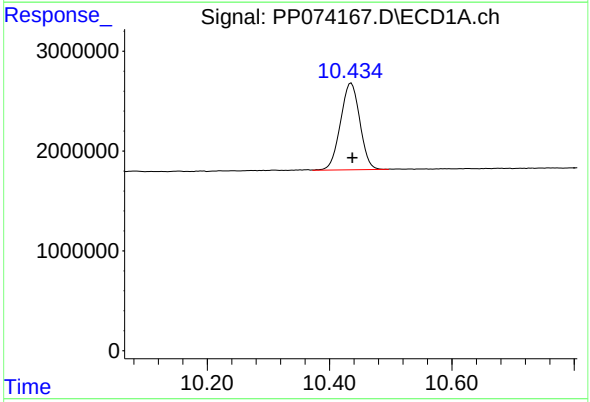
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 21300659
Conc: 19.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



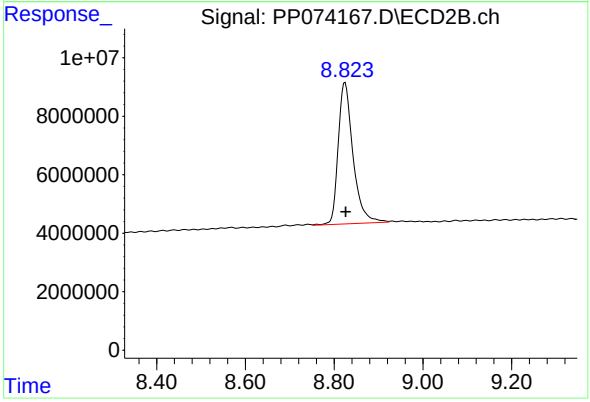
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 66146859
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.002 min
Response: 19096192
Conc: 19.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 112184396
Conc: 18.66 ng/ml

Raw Data: **PP074351.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/13/25
Project:	USACE018-44 DOD	Date Received:	08/13/25
Client Sample ID:	PIBLK-PP074351.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PP074351.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074351.D	1		08/13/25	pp081325

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	16.7		60 - 140		83%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140		82%	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

Sample Results: **PP074351.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 16:42
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: Aug 13 23:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.662	3.804	21850996	63872548	19.539	16.658
2)	SA Decachlor...	10.445	8.824	17692016	98086578	18.217	16.311
	Target Compounds						

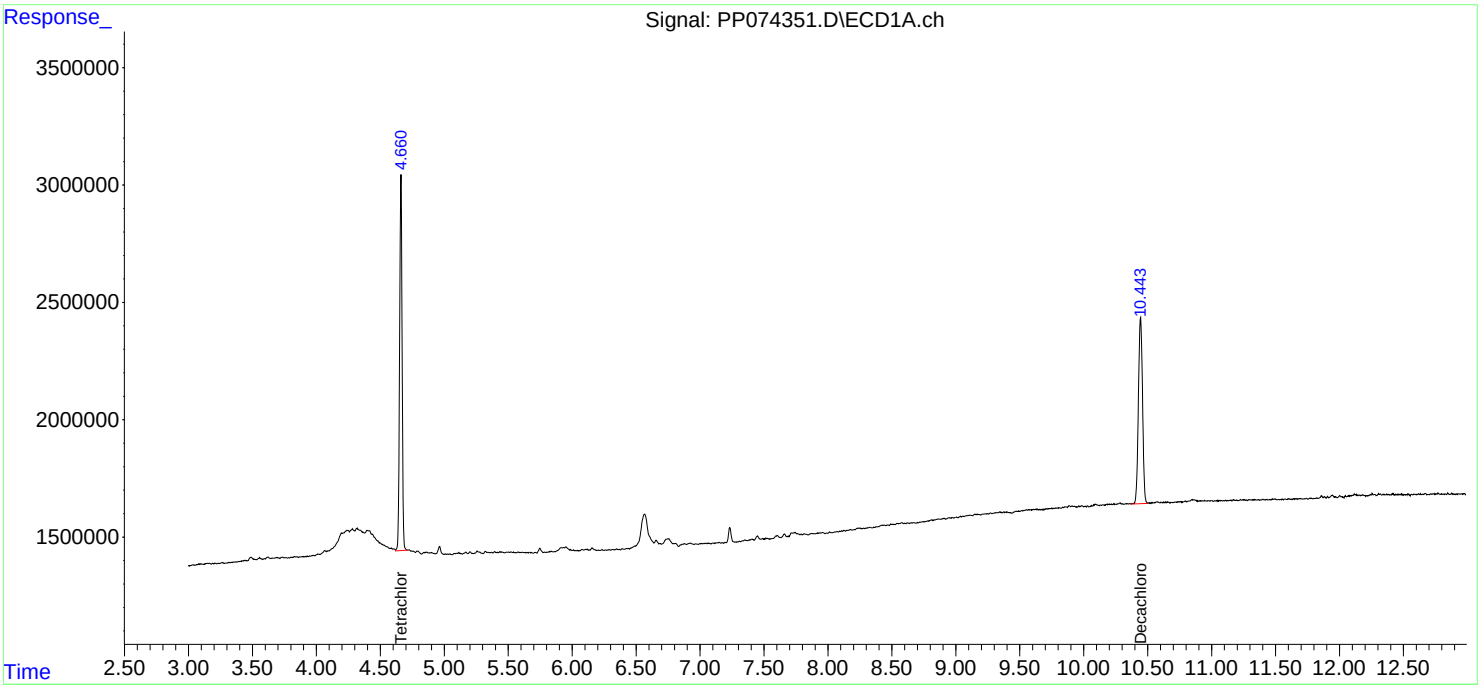
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

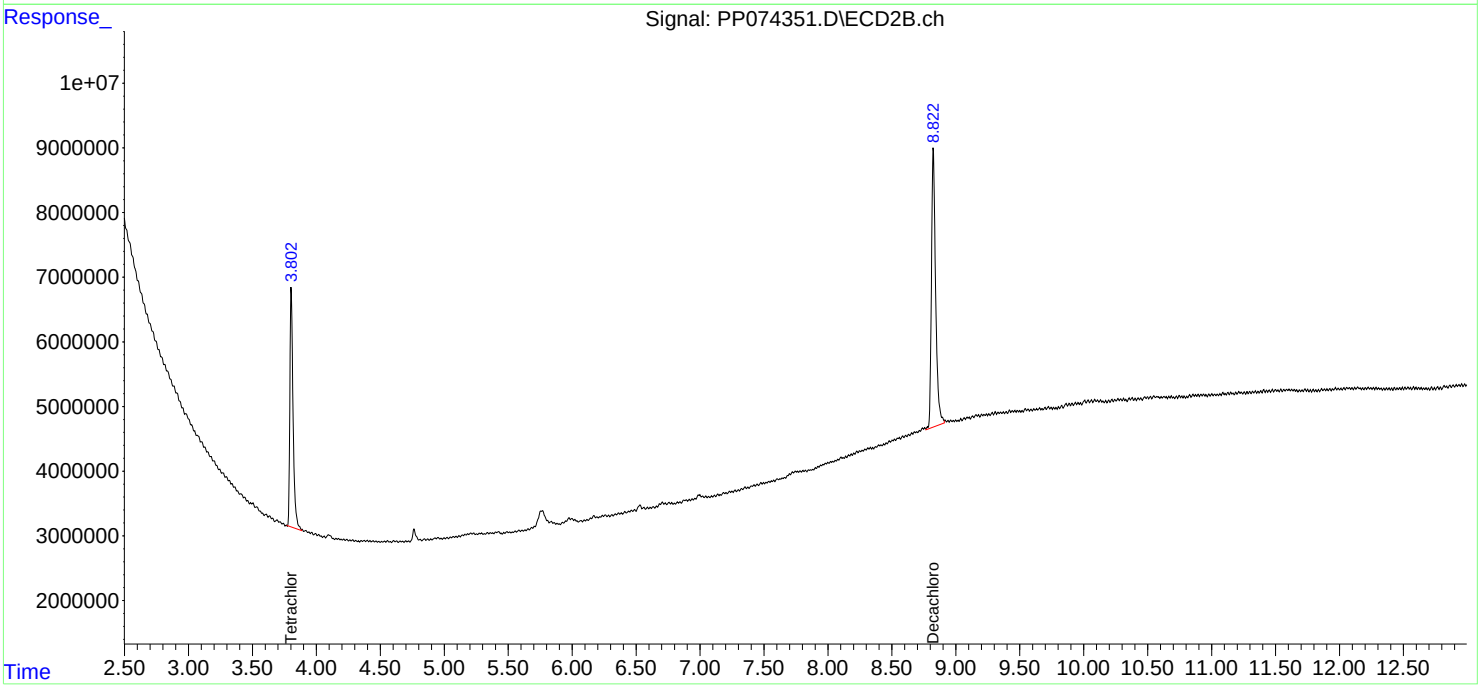
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 16:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

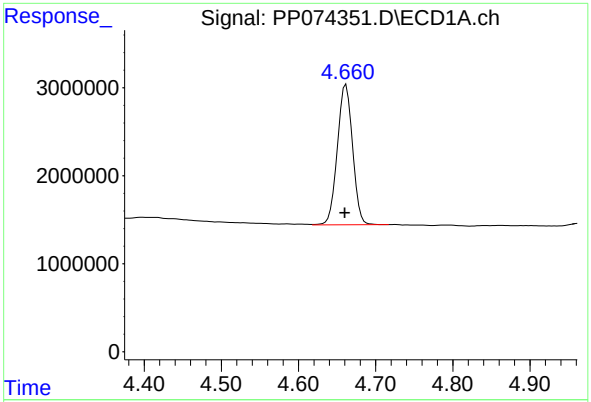
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 23:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



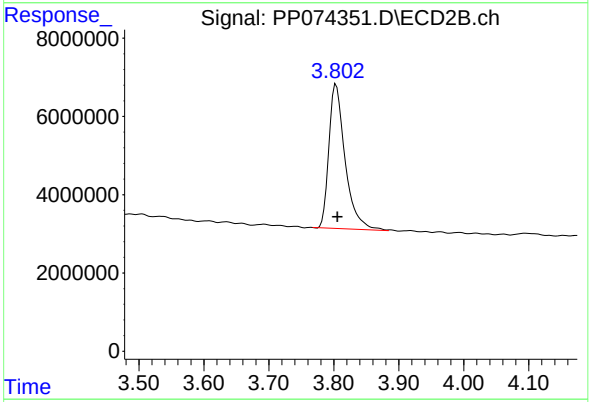




#1 Tetrachloro-m-xylene

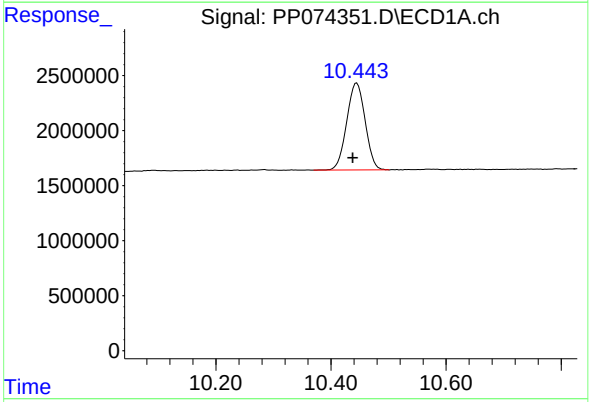
R.T.: 4.662 min
Delta R.T.: 0.002 min
Response: 21850996
Conc: 19.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



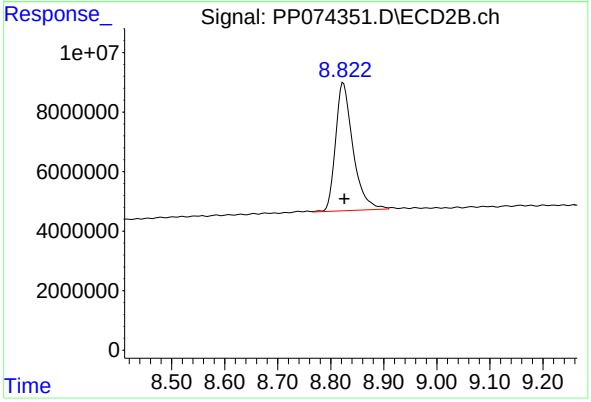
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: -0.002 min
Response: 63872548
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: 0.007 min
Response: 17692016
Conc: 18.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 98086578
Conc: 16.31 ng/ml

Raw Data: **PP074365.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/13/25
Project:	USACE018-44 DOD	Date Received:	08/13/25
Client Sample ID:	PIBLK-PP074365.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PP074365.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074365.D	1		08/13/25	pp081325

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	16.9		60 - 140		84%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 21:52
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: Aug 14 00:03:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.660	3.802	22037511	65099108	19.706	16.978
2)	SA Decachlor...	10.438	8.820	18165129	101.6E6	18.705	16.894
	Target Compounds						

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

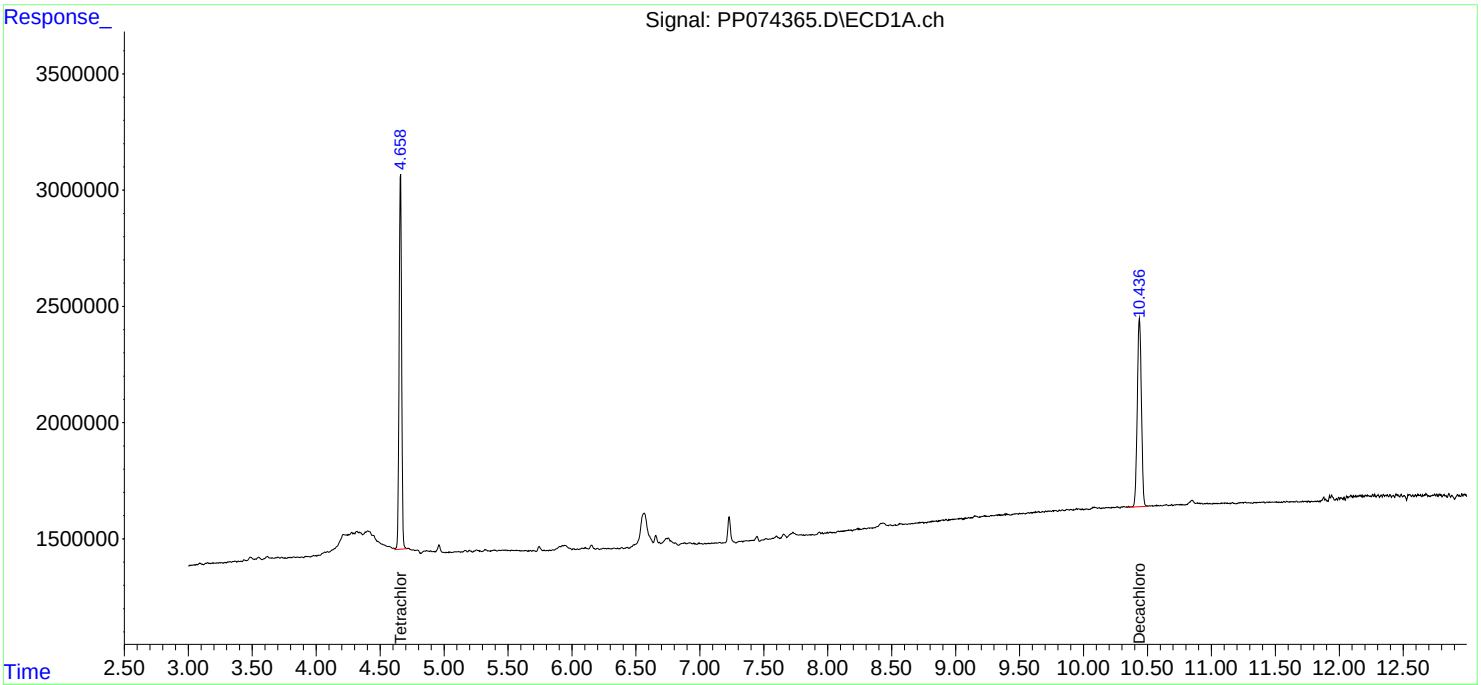
Sample Results: **PP074365.D**

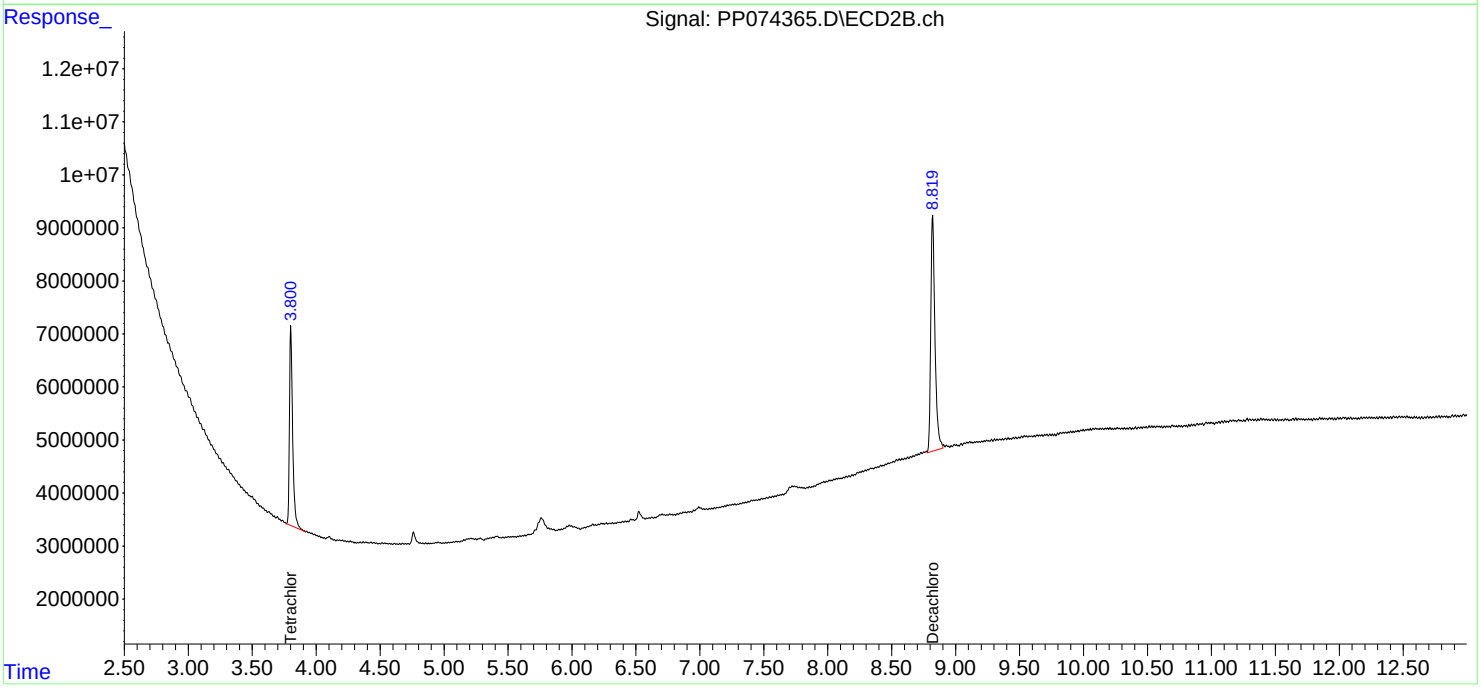
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 21:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

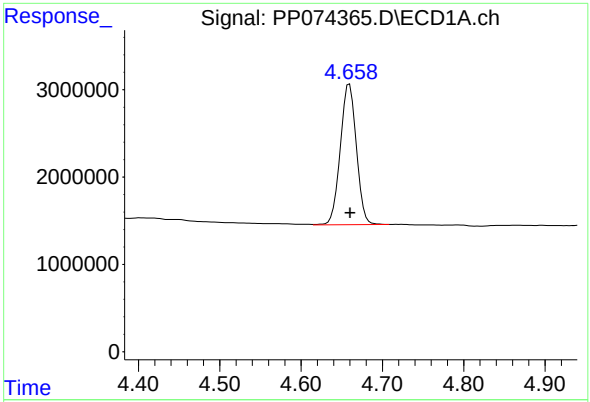
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:03:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



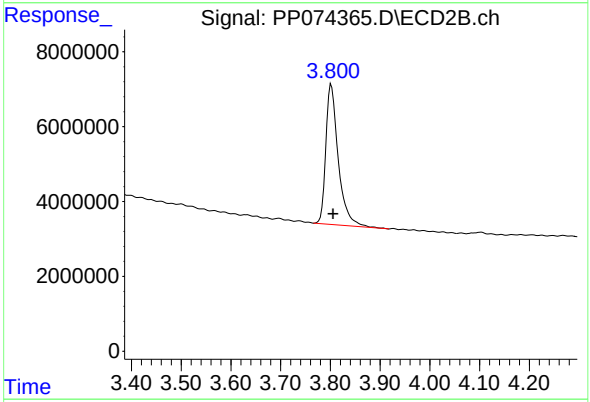




#1 Tetrachloro-m-xylene

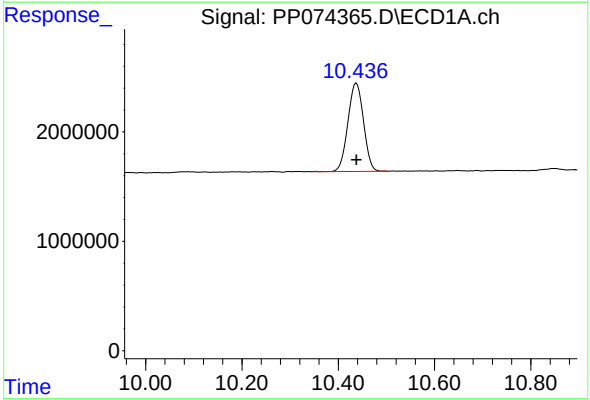
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 22037511
Conc: 19.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



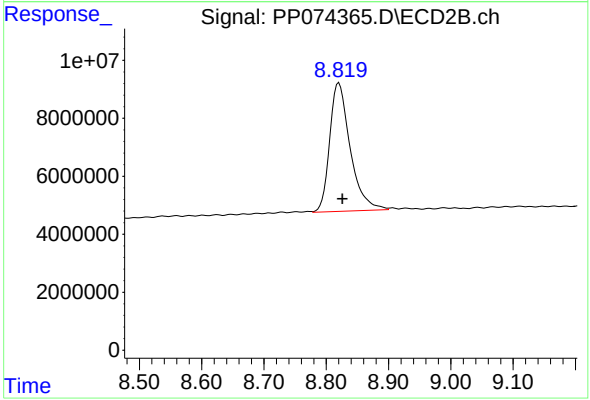
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 65099108
Conc: 16.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 18165129
Conc: 18.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 101594212
Conc: 16.89 ng/ml

Raw Data: **PP074376.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/14/25
Project:	USACE018-44 DOD	Date Received:	08/14/25
Client Sample ID:	PIBLK-PP074376.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PP074376.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074376.D	1		08/14/25	PP081425

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	19.3		60 - 140		97%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		60 - 140		97%	SPK: 20

Comments:

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

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

Sample Results: **PP074376.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:17
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: Aug 14 11:02:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.798	25783846	74117645	23.056	19.330
2)	SA Decachlor...	10.437	8.818	20513647	117.1E6	21.123	19.475
	Target Compounds						

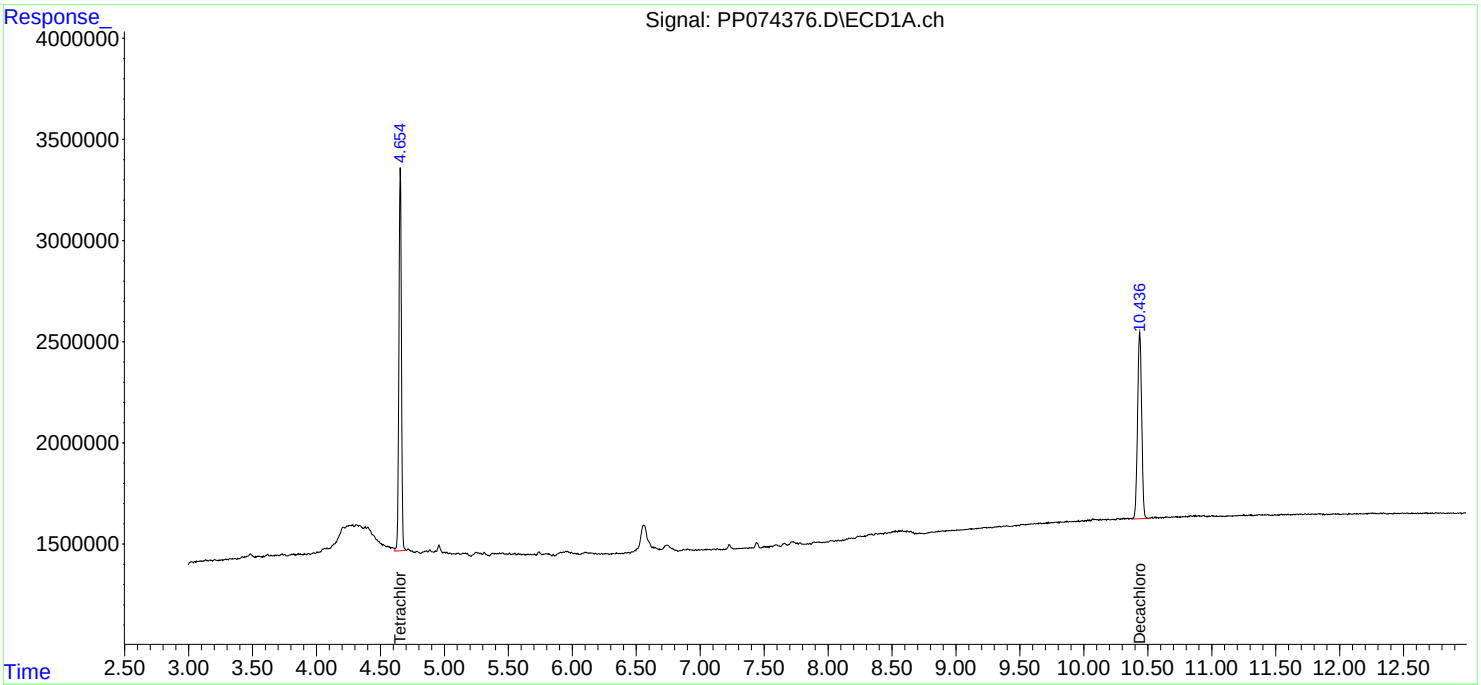
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

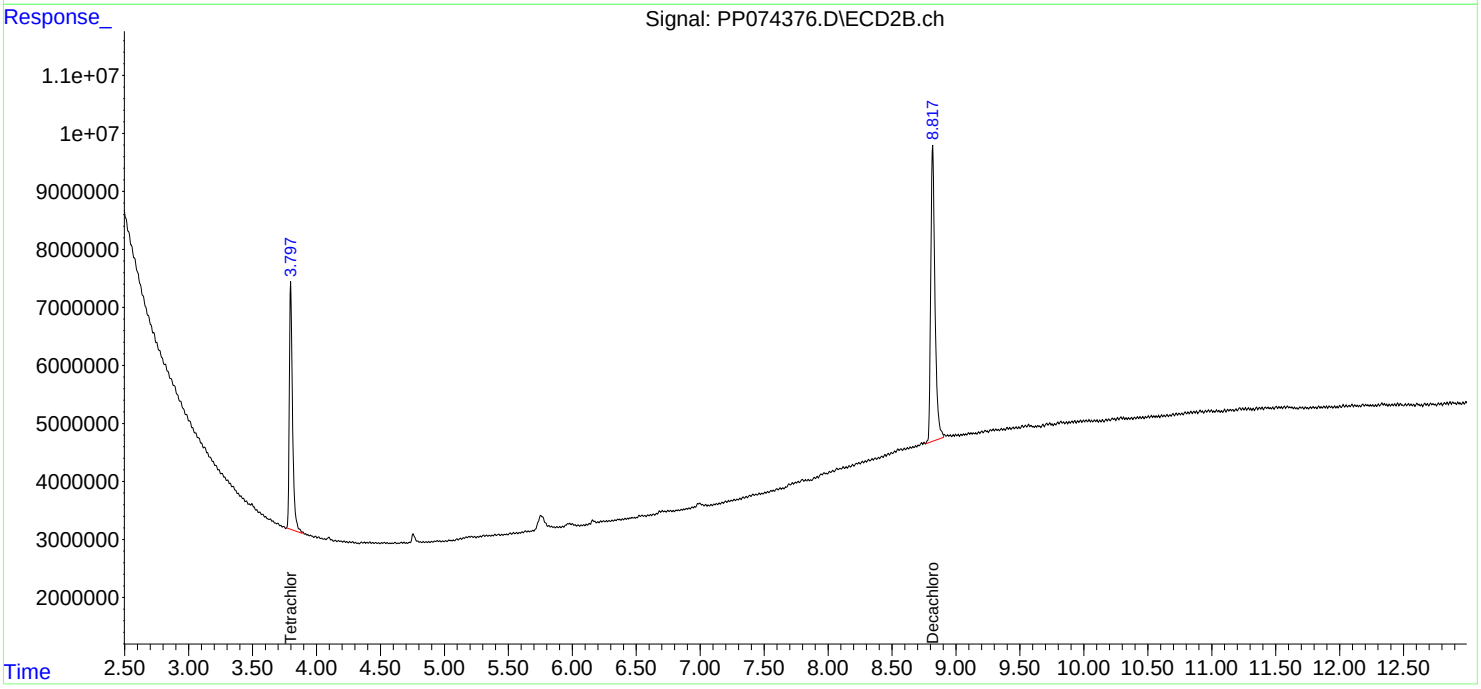
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

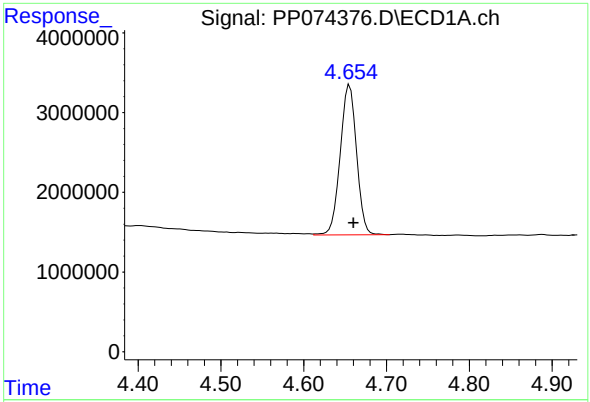
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 11:02:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



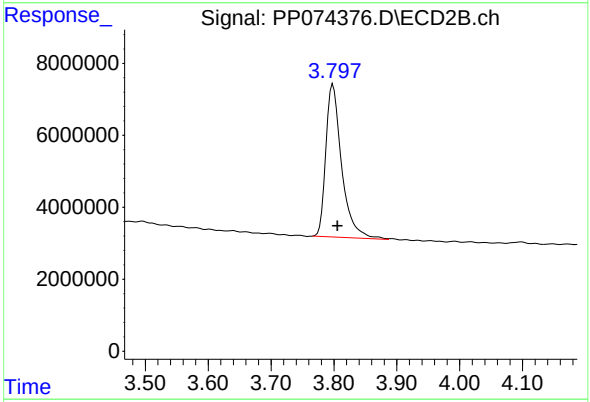




#1 Tetrachloro-m-xylene

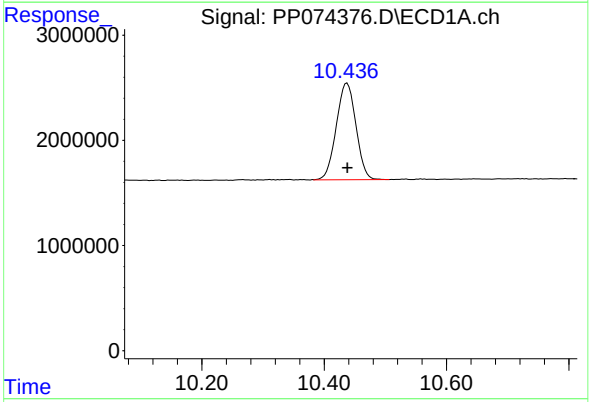
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 25783846
Conc: 23.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



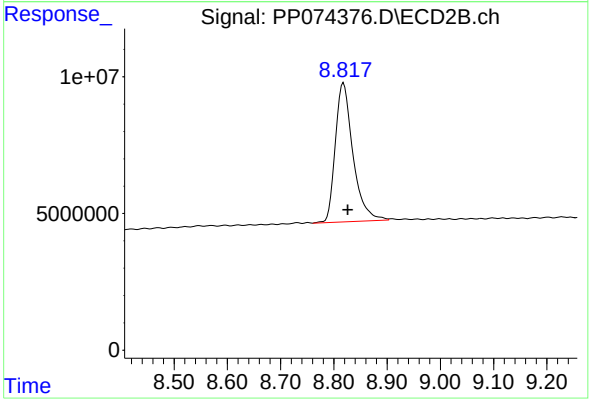
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 74117645
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 20513647
Conc: 21.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: -0.008 min
Response: 117114857
Conc: 19.47 ng/ml

Raw Data: **PP074390.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/14/25
Project:	USACE018-44 DOD	Date Received:	08/14/25
Client Sample ID:	PIBLK-PP074390.D	SDG No.:	Q2814
Lab Sample ID:	I.BLK-PP074390.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074390.D	1		08/14/25	PP081425

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	18.7		60 - 140		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		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

Sample Results: **PP074390.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:11
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: Aug 14 17:06:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.658	3.801	23360821	71620010	20.889	18.678
2)	SA Decachlor...	10.436	8.818	18832642	108.6E6	19.392	18.066
	Target Compounds						

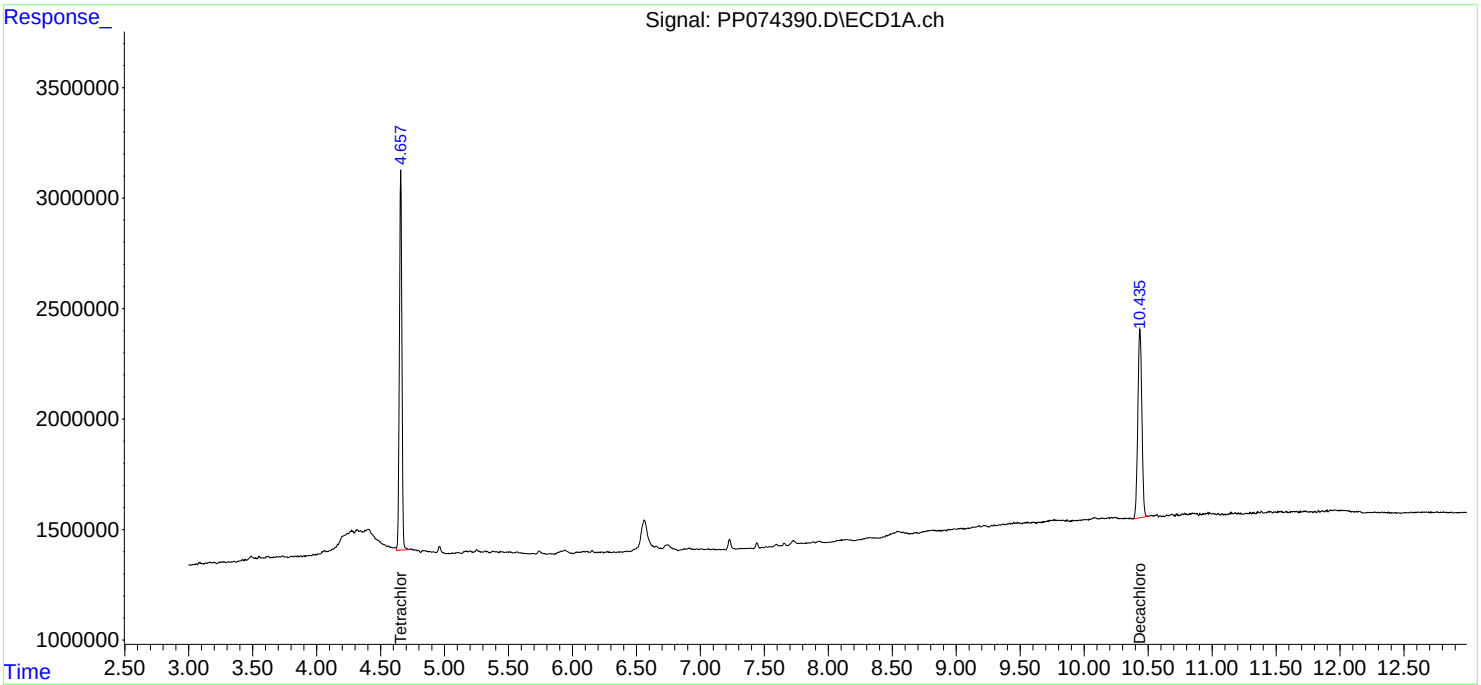
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

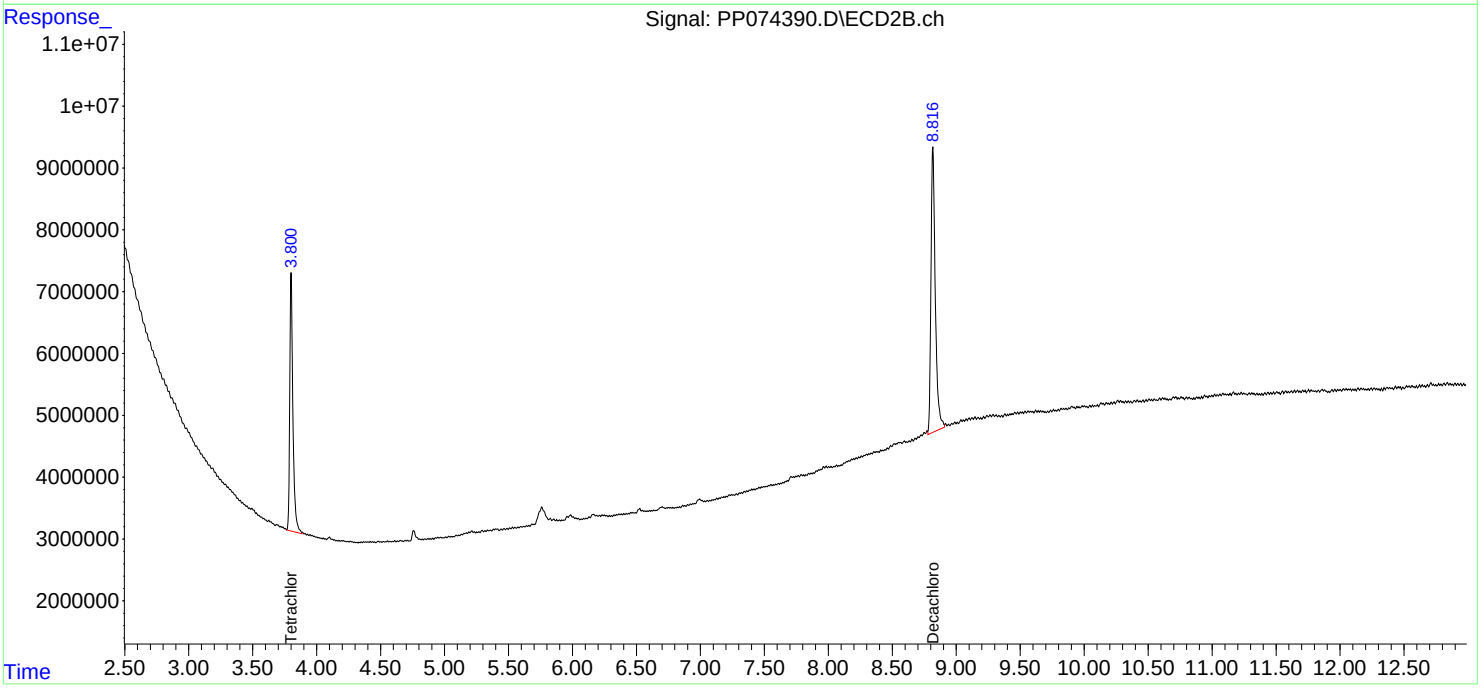
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

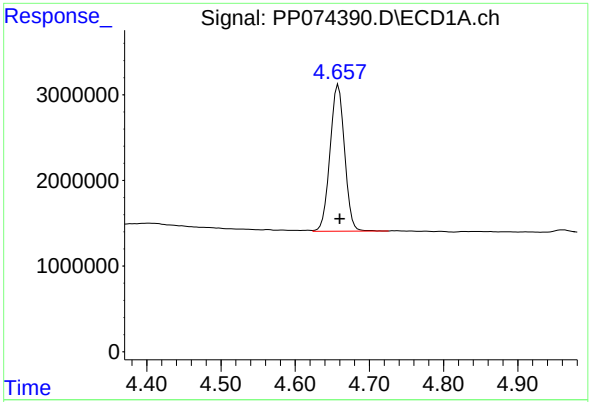
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 17:06:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



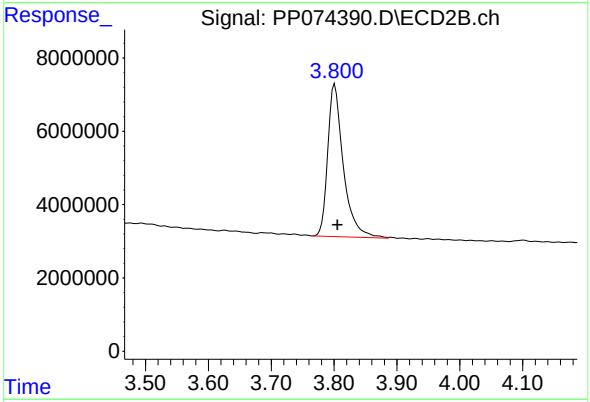




#1 Tetrachloro-m-xylene

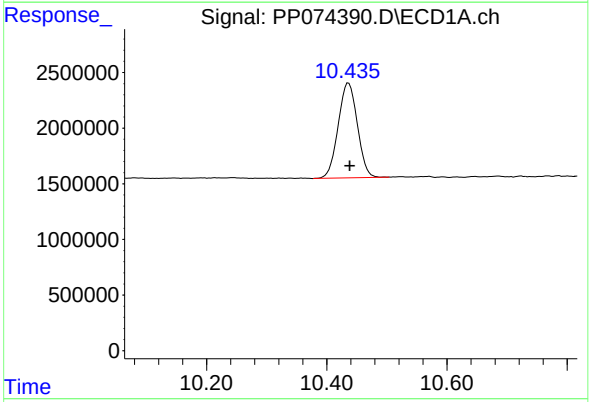
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 23360821
Conc: 20.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



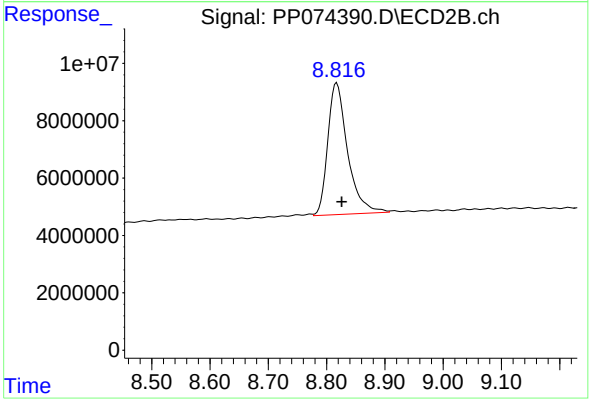
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 71620010
Conc: 18.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: -0.002 min
Response: 18832642
Conc: 19.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: -0.008 min
Response: 108644591
Conc: 18.07 ng/ml

Raw Data: **PP074378.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	USACE018-44 DOD	Date Received:	
Client Sample ID:	PB169224BS	SDG No.:	Q2814
Lab Sample ID:	PB169224BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074378.D	1	08/12/25 09:25	08/14/25 09:49	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	5.10		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
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
11096-82-5	Aroclor-1260	4.80		0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.3		35 - 137		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		40 - 135		111%	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\PP081425\
Data File : PP074378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:49
Operator : YP\AJ
Sample : PB169224BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 11:03:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.658	3.801	27213741	81242135	24.335	21.188
2)	SA Decachlor...	10.440	8.819	21649761	126.8E6	22.293	21.088
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.901	20611615	204.8E6	499.593	513.364
4)	L1 AR-1016-2	5.831	4.958	31108999	95531194	512.152	508.661
5)	L1 AR-1016-3	5.894	5.078	20281873	54352372	511.387	512.422
6)	L1 AR-1016-4	5.991	5.119	16739490	53847667	514.357	493.020
7)	L1 AR-1016-5	6.284	5.333	15927037	57143822	490.545	488.562
31)	L7 AR-1260-1	7.402	6.550	28325145	213.7E6	502.610	529.131
32)	L7 AR-1260-2	7.655	6.705	32549023	161.4E6	477.592	516.261
33)	L7 AR-1260-3	8.013	6.914	22008267	179.1E6	412.945	454.525
34)	L7 AR-1260-4	8.240	7.175	28521548	133.6E6	455.507m	459.138
35)	L7 AR-1260-5	8.567	7.414	46932823	349.0E6	414.217	460.731

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:49
Operator : YP\AJ
Sample : PB169224BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

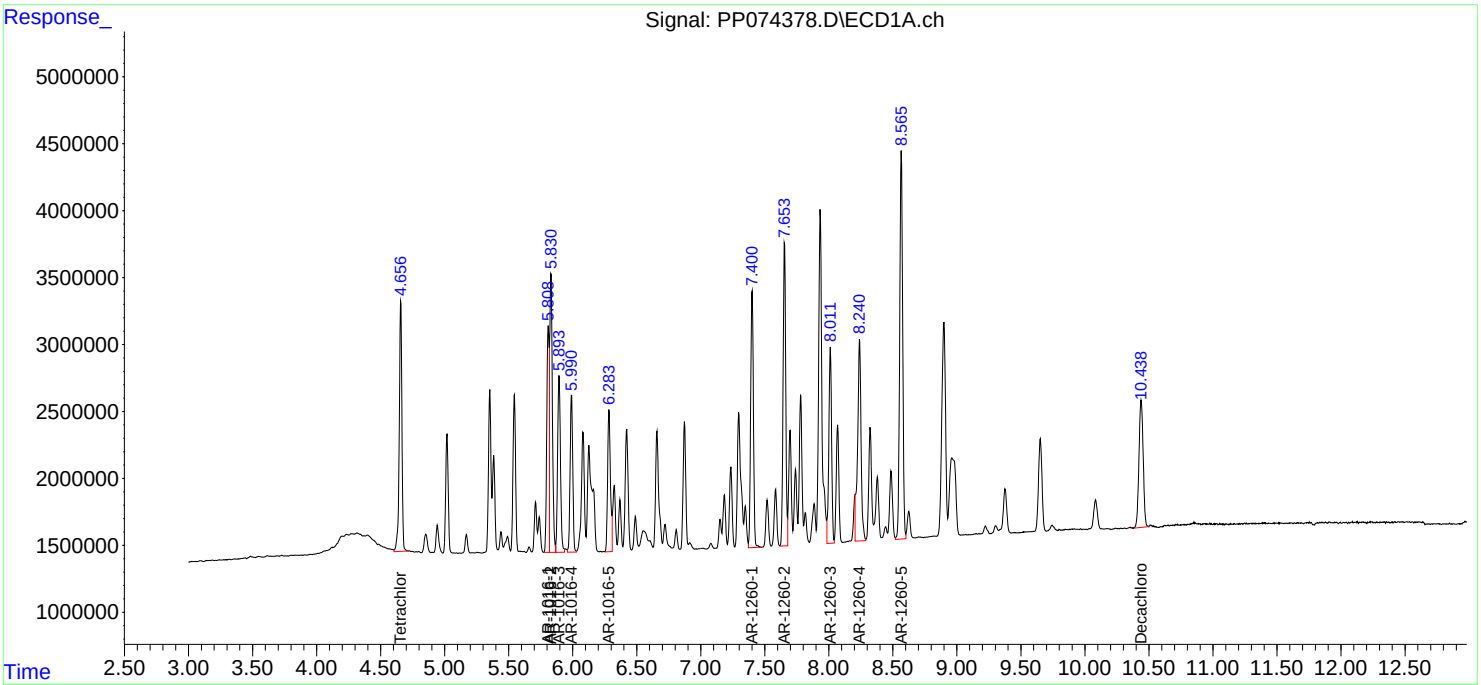
Instrument :
ECD_P
ClientSampleId :
PB169224BS

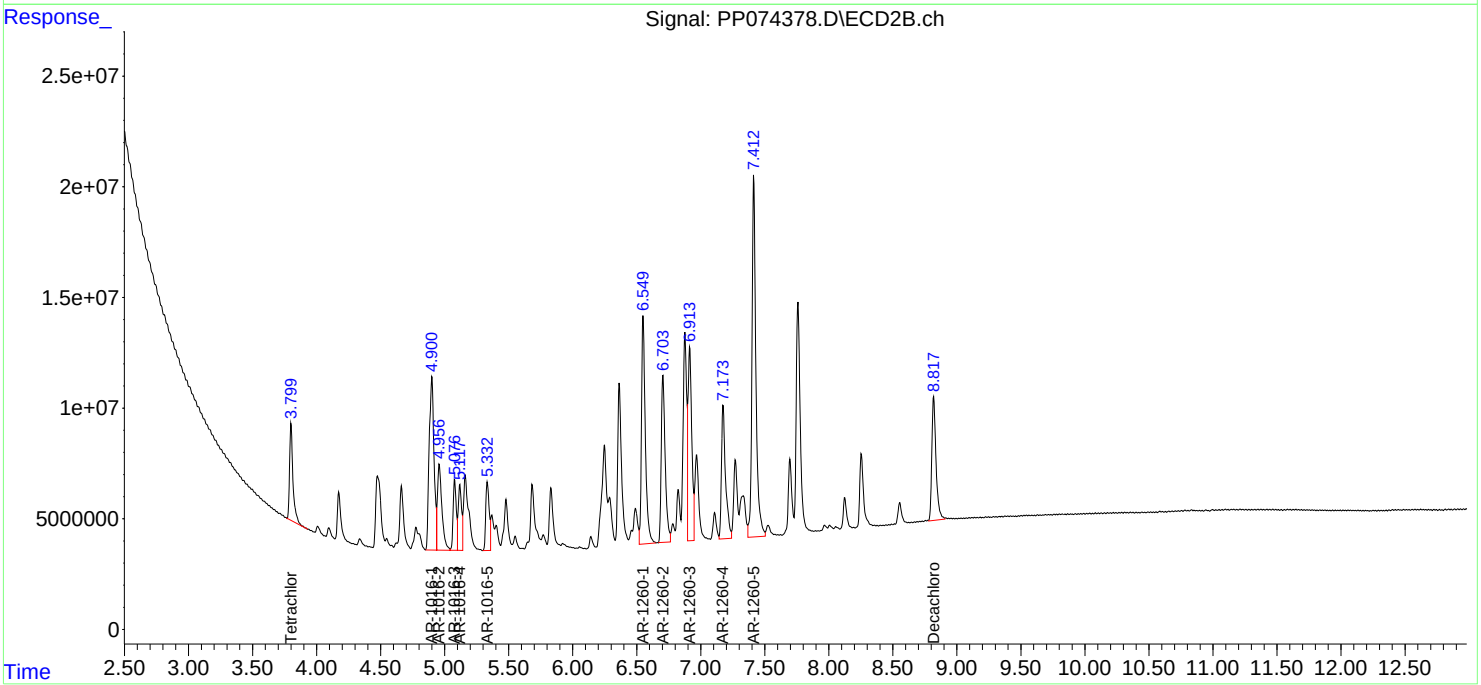
Manual Integrations APPROVED

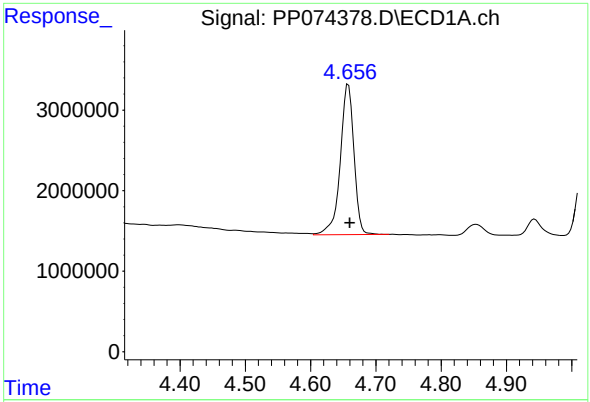
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 11:03:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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







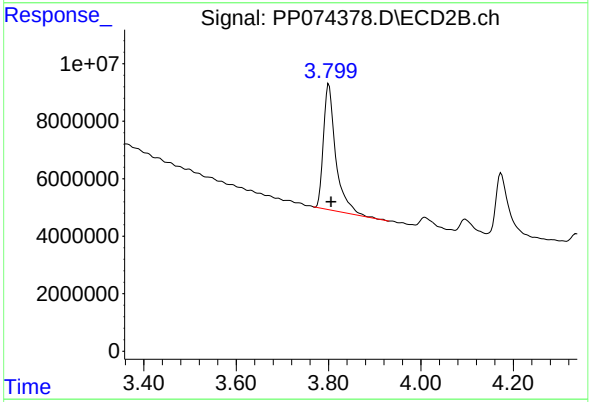
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 27213741
Conc: 24.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS

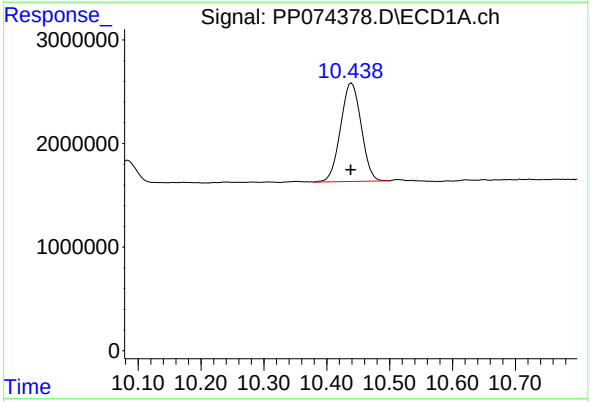
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



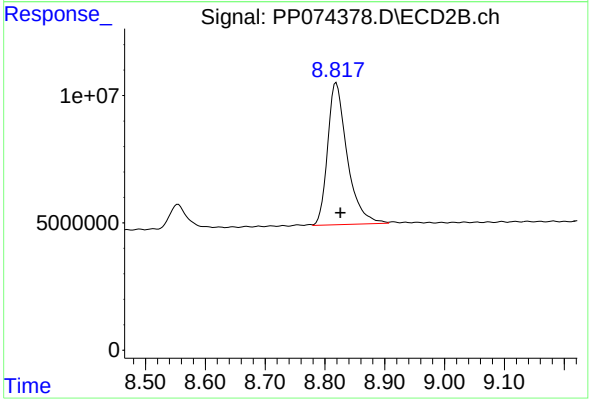
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 81242135
Conc: 21.19 ng/ml



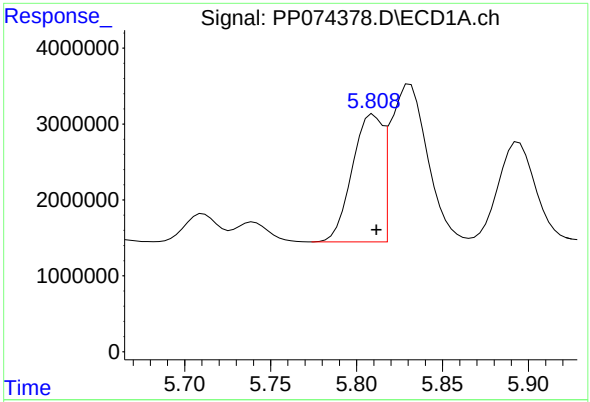
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.002 min
Response: 21649761
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.819 min
Delta R.T.: -0.007 min
Response: 126814166
Conc: 21.09 ng/ml



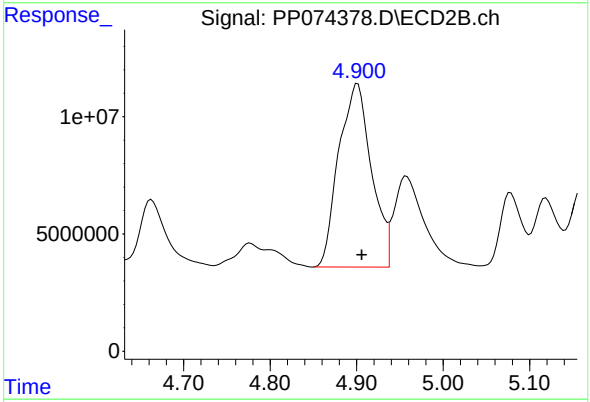
#3 AR-1016-1

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 20611615
Conc: 499.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS

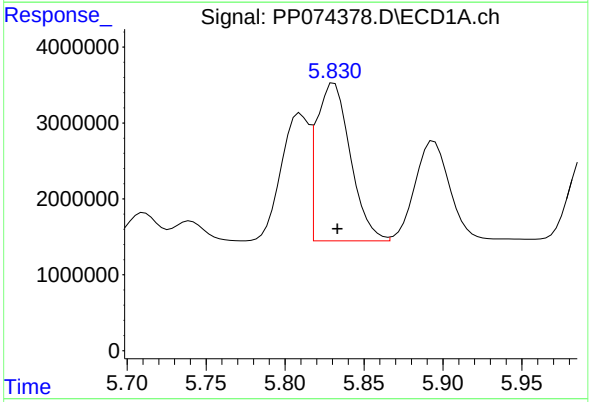
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



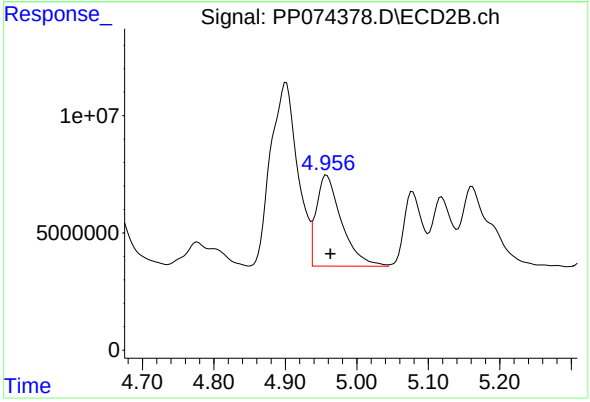
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.005 min
Response: 204774427
Conc: 513.36 ng/ml



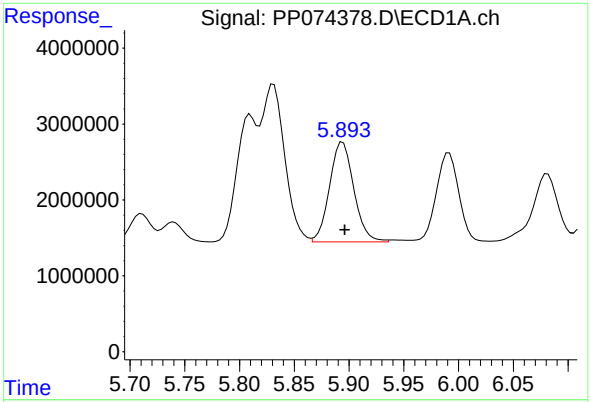
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 31108999
Conc: 512.15 ng/ml



#4 AR-1016-2

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 95531194
Conc: 508.66 ng/ml



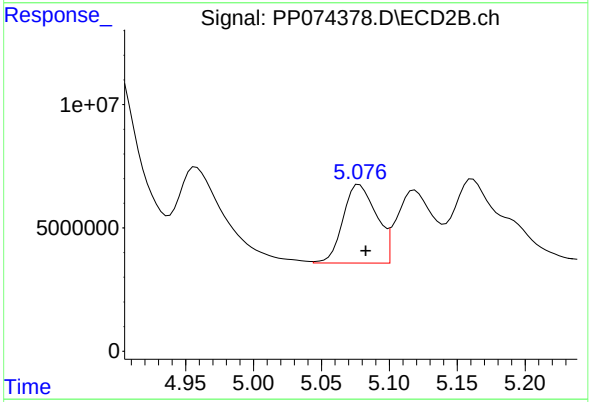
#5 AR-1016-3

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 20281873
Conc: 511.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS

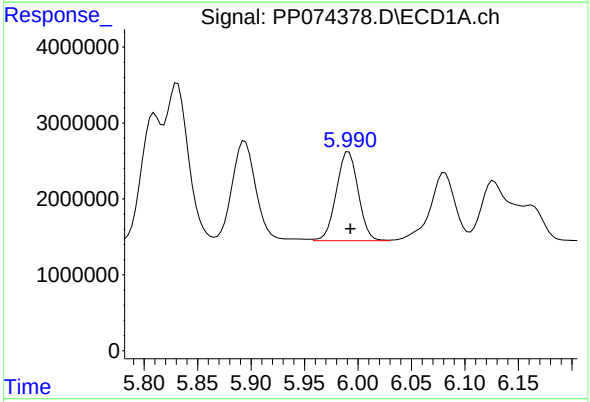
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



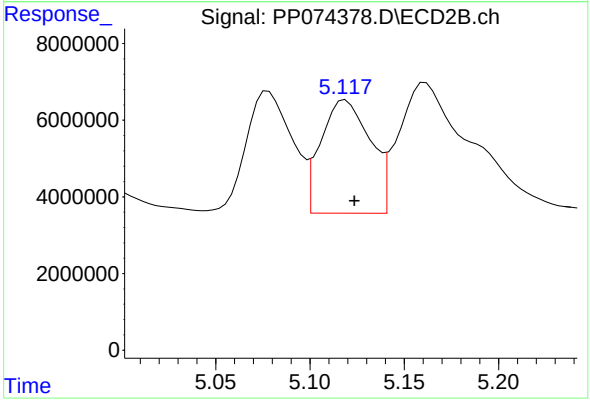
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 54352372
Conc: 512.42 ng/ml



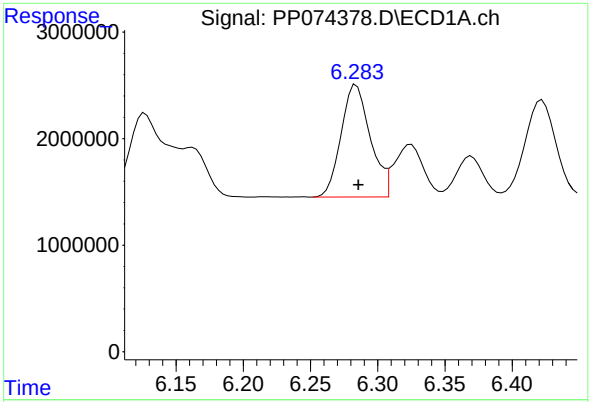
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 16739490
Conc: 514.36 ng/ml



#6 AR-1016-4

R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 53847667
Conc: 493.02 ng/ml



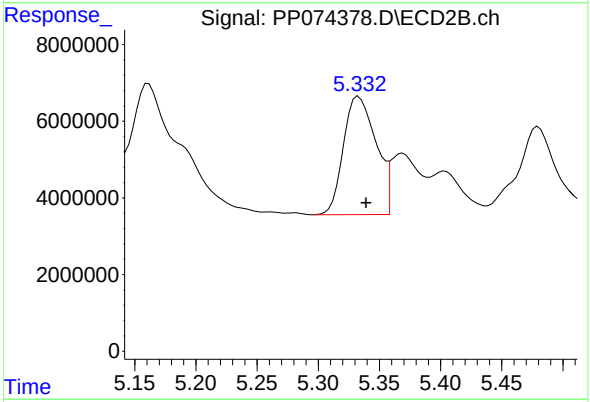
#7 AR-1016-5

R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 15927037
Conc: 490.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS

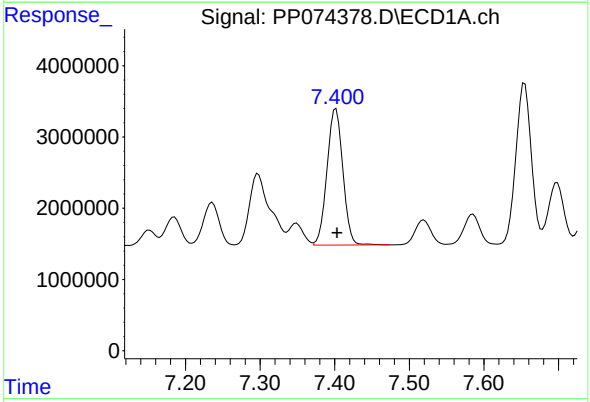
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



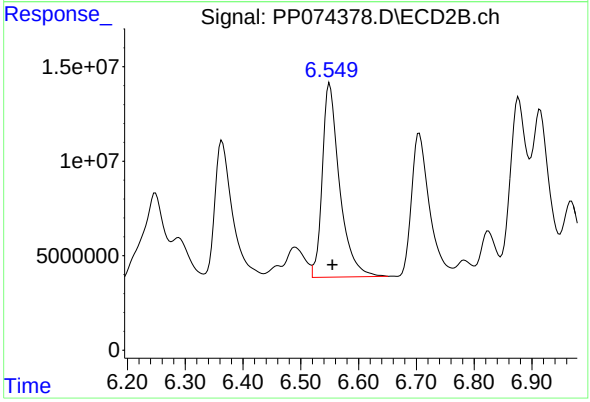
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 57143822
Conc: 488.56 ng/ml



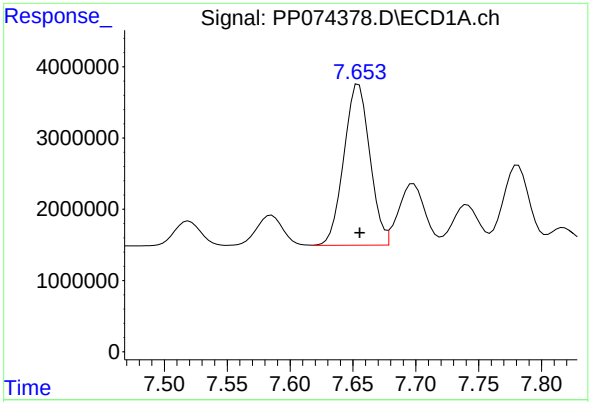
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 28325145
Conc: 502.61 ng/ml



#31 AR-1260-1

R.T.: 6.550 min
Delta R.T.: -0.005 min
Response: 213746351
Conc: 529.13 ng/ml



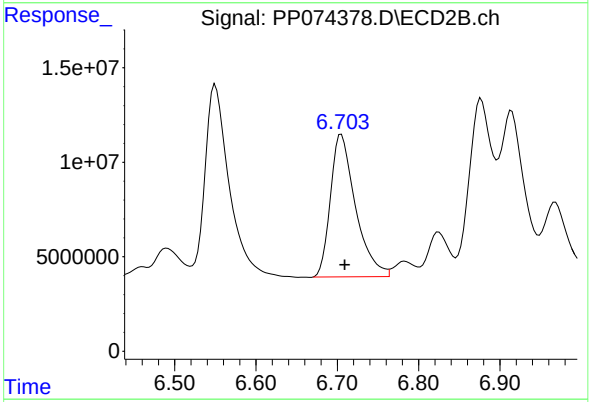
#32 AR-1260-2

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 32549023
Conc: 477.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS

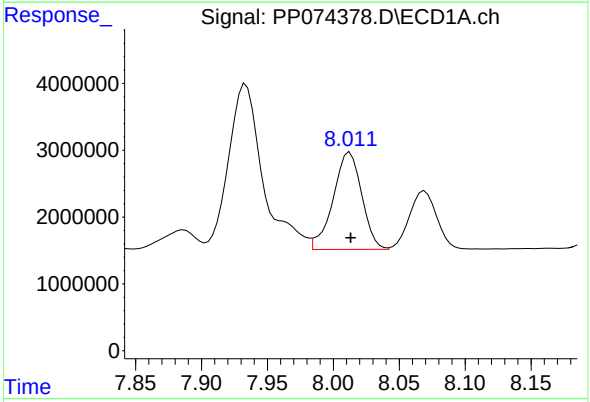
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



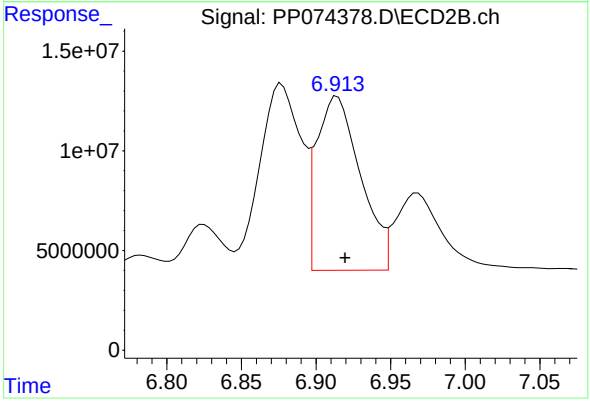
#32 AR-1260-2

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 161434301
Conc: 516.26 ng/ml



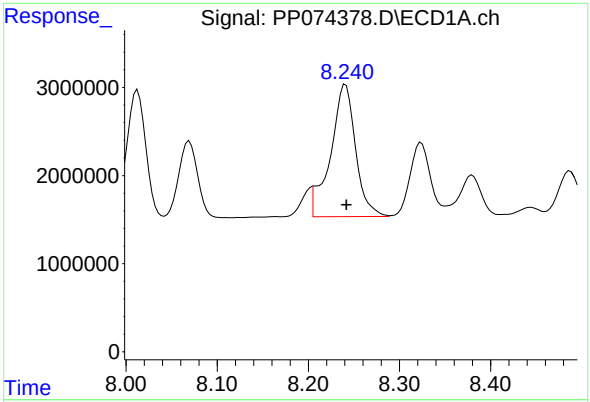
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 22008267
Conc: 412.94 ng/ml



#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 179136774
Conc: 454.53 ng/ml



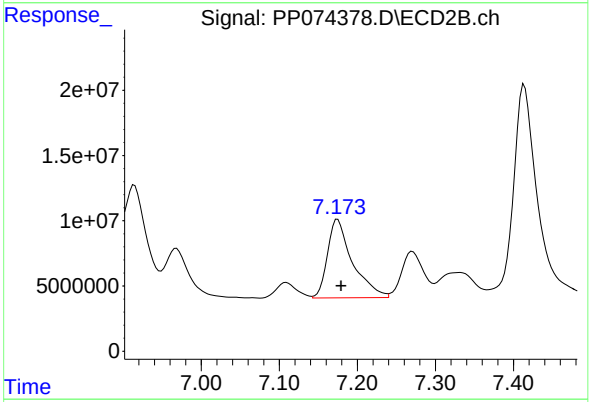
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 28521548
Conc: 455.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS

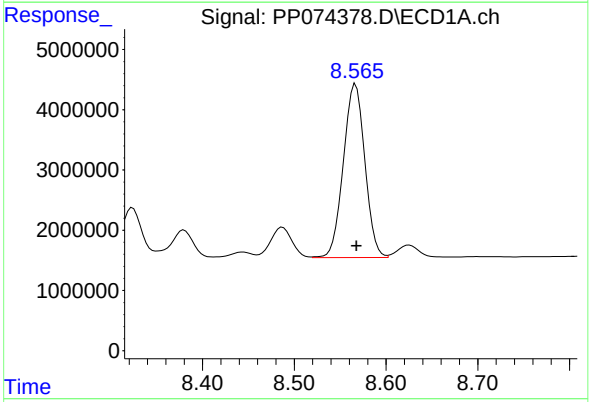
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



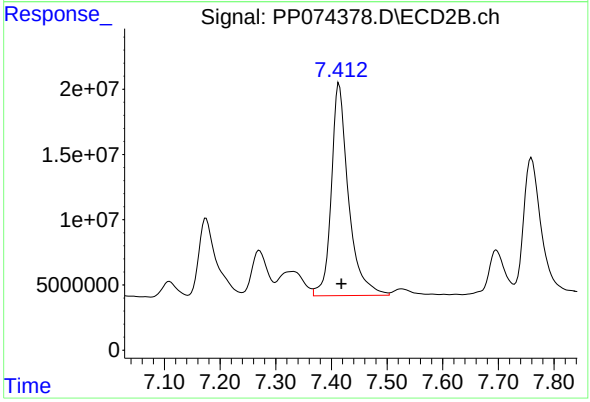
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 133599636
Conc: 459.14 ng/ml



#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 46932823
Conc: 414.22 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 348961811
Conc: 460.73 ng/ml

Raw Data: **PP074379.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	USACE018-44 DOD	Date Received:	
Client Sample ID:	PB169224BSD	SDG No.:	Q2814
Lab Sample ID:	PB169224BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074379.D	1	08/12/25 09:25	08/14/25 10:06	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	5.20		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
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
11096-82-5	Aroclor-1260	4.90		0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.4		35 - 137		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		40 - 135		114%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:06
Operator : YP\AJ
Sample : PB169224BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 11:04:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.661	3.803	27323959	83022994	24.433	21.652
2)	SA Decachlor...	10.442	8.821	22088514	125.4E6	22.744	20.852
	Target Compounds						
3)	L1 AR-1016-1	5.813	4.903	21297094	209.4E6	516.208	524.880
4)	L1 AR-1016-2	5.834	4.961	31062335	95078870	511.384	506.253
5)	L1 AR-1016-3	5.897	5.081	21034121	52540342	530.354	495.338
6)	L1 AR-1016-4	5.994	5.121	17139396	53135088	526.645	486.496
7)	L1 AR-1016-5	6.287	5.336	16211983	59076119	499.321	505.083
31)	L7 AR-1260-1	7.404	6.552	28649900	213.8E6	508.373	529.307
32)	L7 AR-1260-2	7.657	6.706	33343582	166.5E6	489.251	532.437
33)	L7 AR-1260-3	8.015	6.916	22828227	187.7E6	428.330	476.314
34)	L7 AR-1260-4	8.242	7.177	29966983	137.1E6	478.591m	471.053
35)	L7 AR-1260-5	8.569	7.416	47250122	349.3E6	417.017	461.187

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:06
Operator : YP\AJ
Sample : PB169224BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

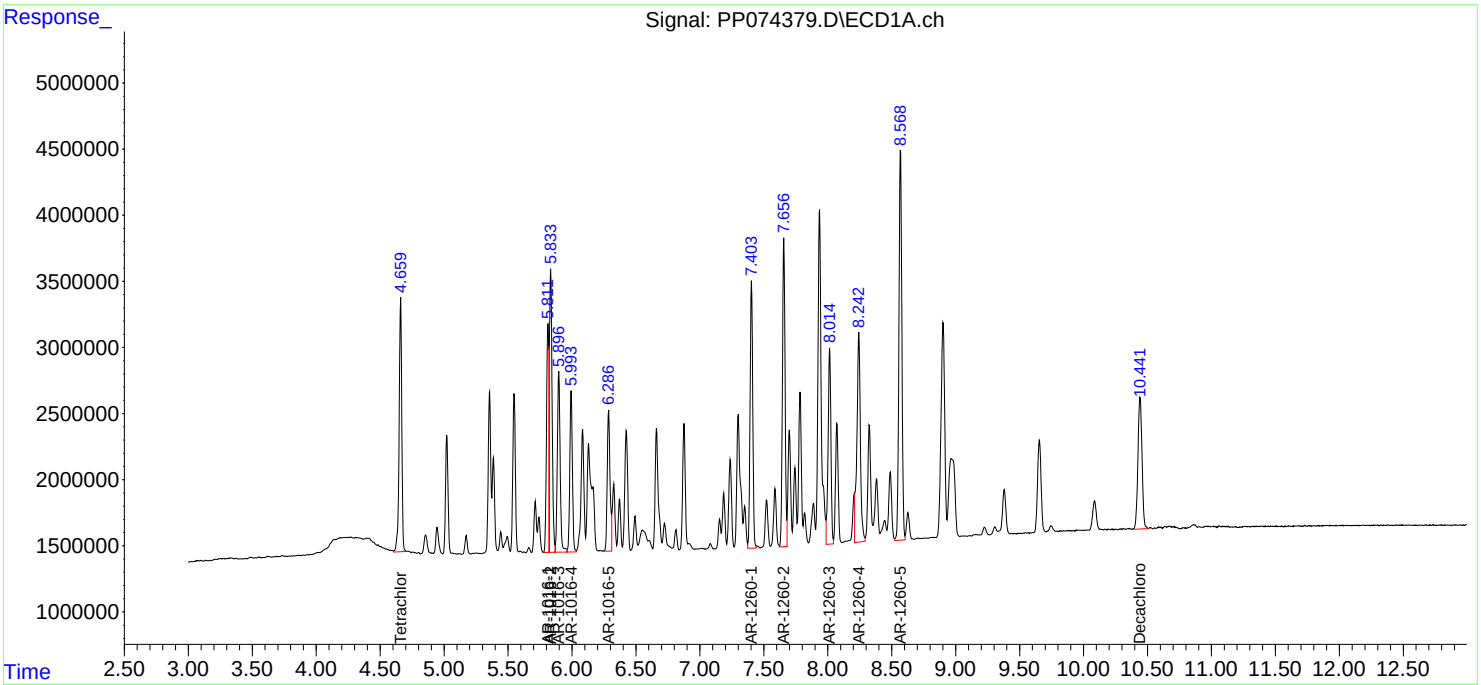
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 11:04:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

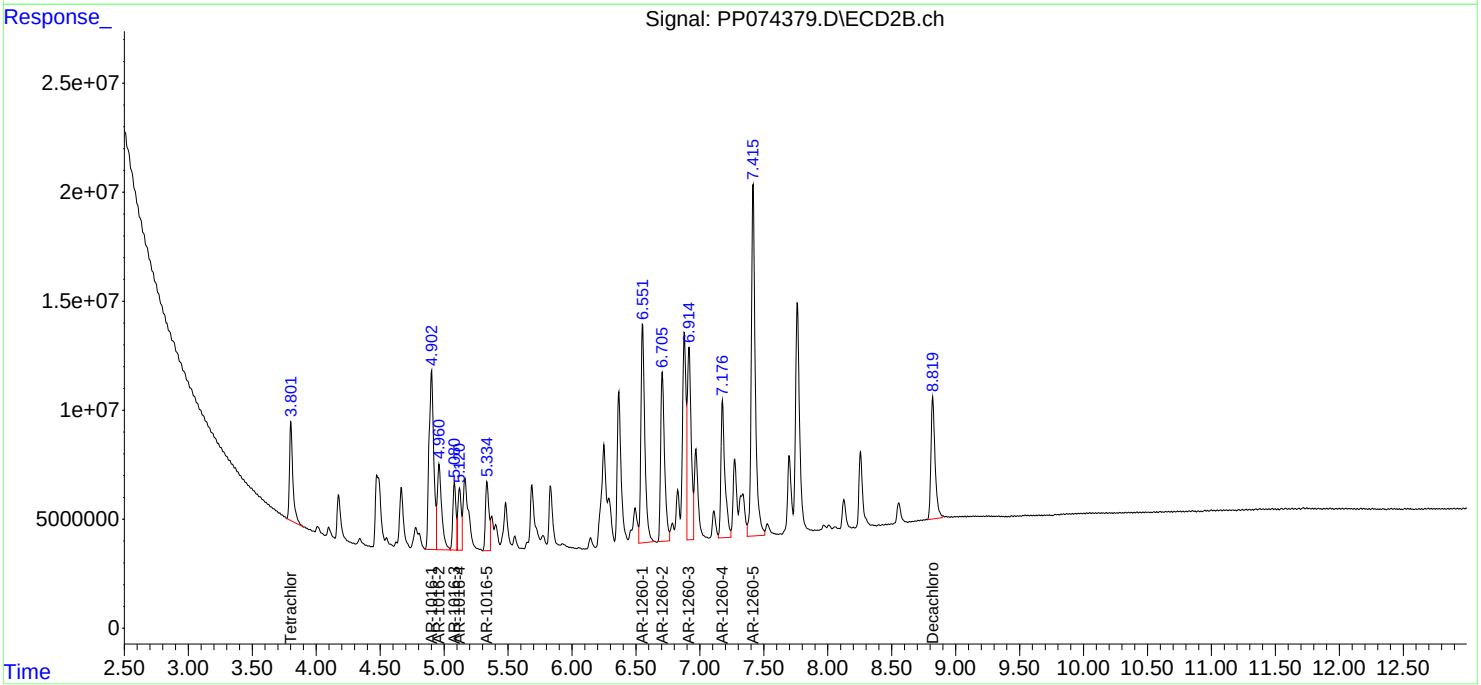
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

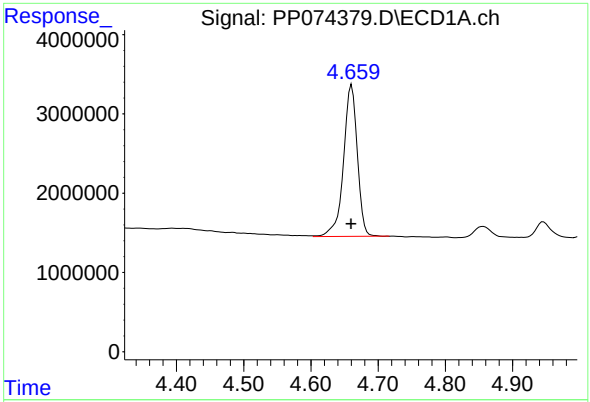
Instrument :
ECD_P
ClientSampleId :
PB169224BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025







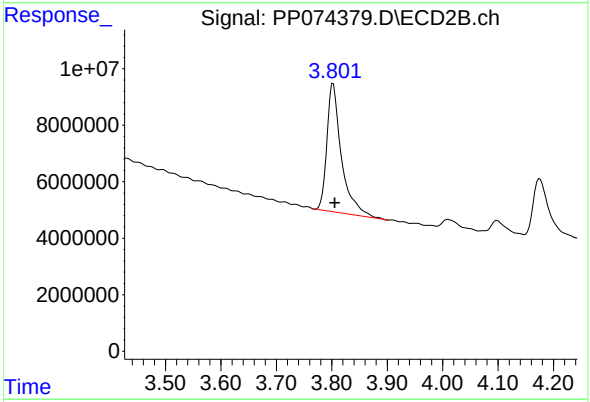
#1 Tetrachloro-m-xylene

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 27323959
Conc: 24.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

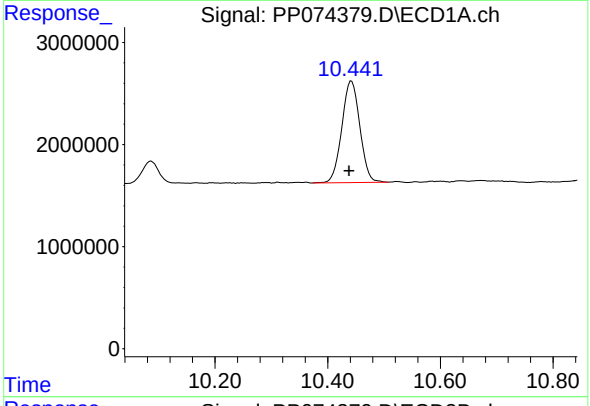
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



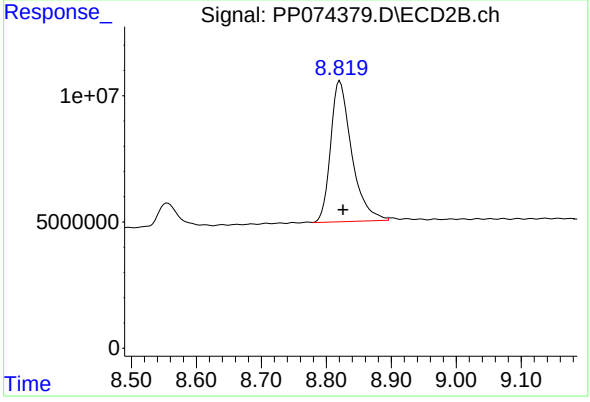
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 83022994
Conc: 21.65 ng/ml



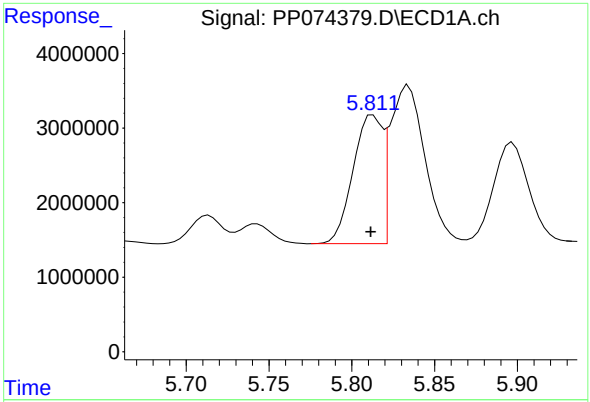
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.004 min
Response: 22088514
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: -0.005 min
Response: 125394155
Conc: 20.85 ng/ml



#3 AR-1016-1

R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 21297094
Conc: 516.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

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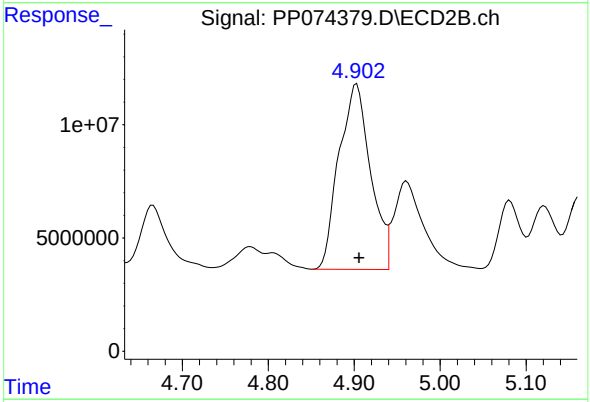
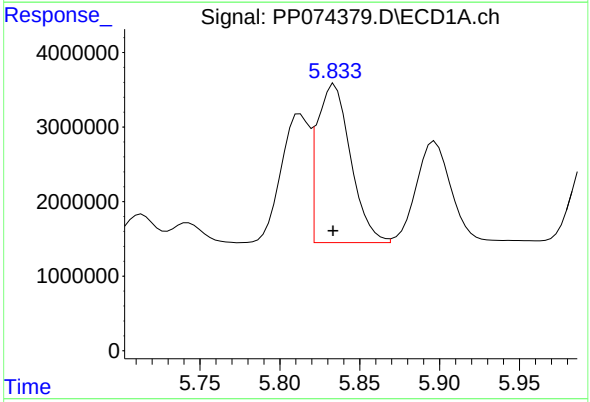
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



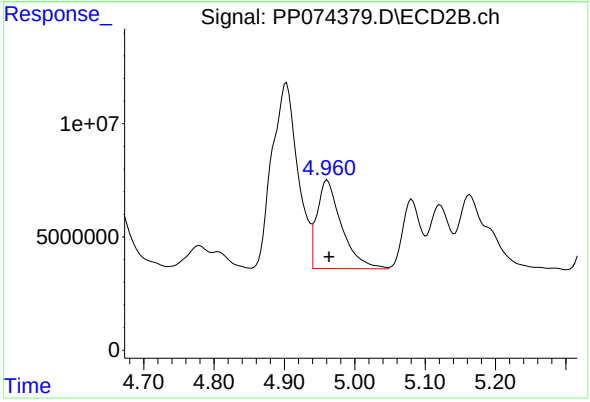
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 209367854
Conc: 524.88 ng/ml



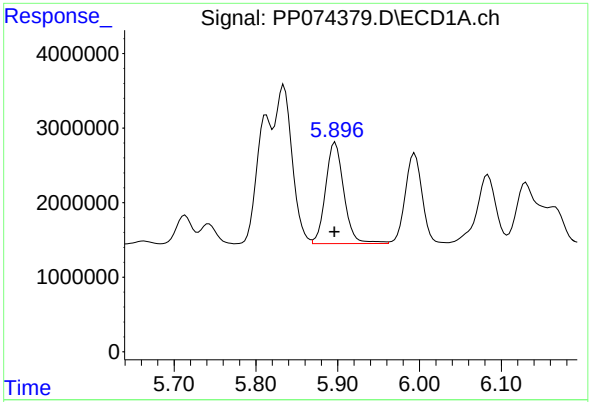
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.001 min
Response: 31062335
Conc: 511.38 ng/ml



#4 AR-1016-2

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 95078870
Conc: 506.25 ng/ml



#5 AR-1016-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 21034121
Conc: 530.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

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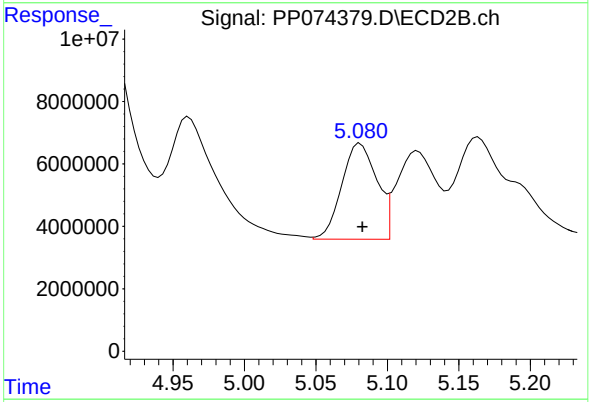
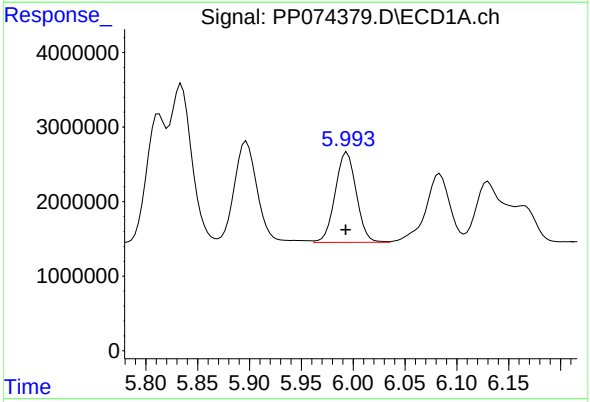
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



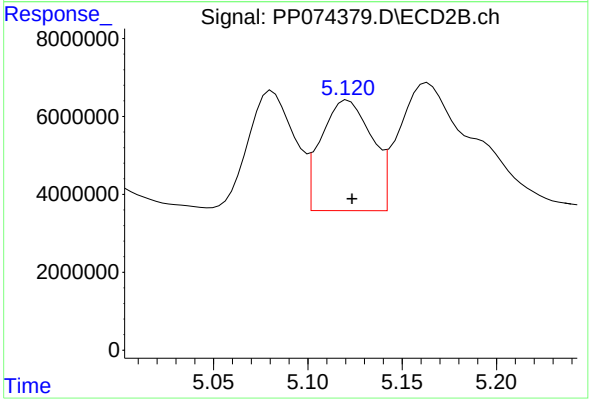
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 52540342
Conc: 495.34 ng/ml



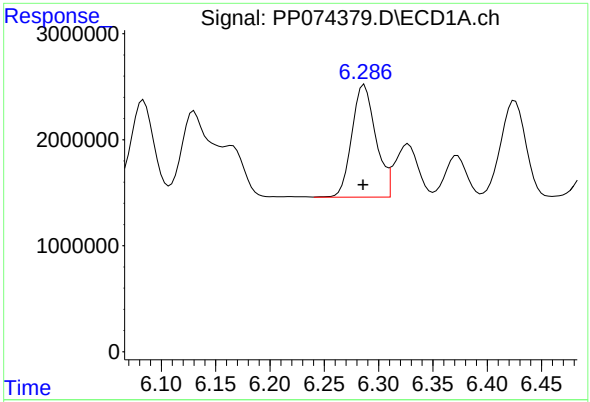
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.001 min
Response: 17139396
Conc: 526.65 ng/ml



#6 AR-1016-4

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 53135088
Conc: 486.50 ng/ml



#7 AR-1016-5

R.T.: 6.287 min
Delta R.T.: 0.001 min
Response: 16211983
Conc: 499.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

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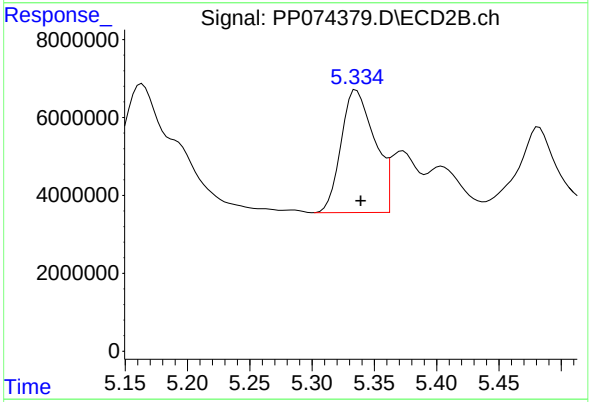
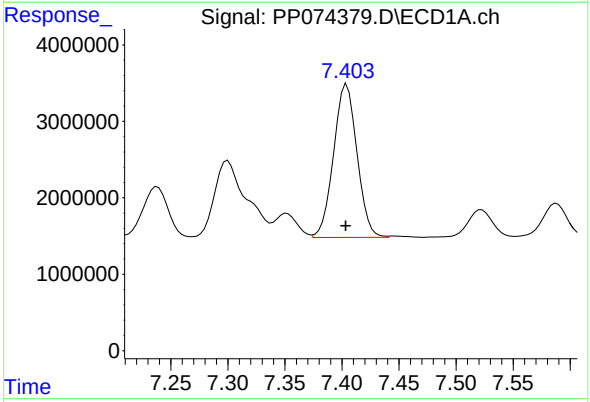
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



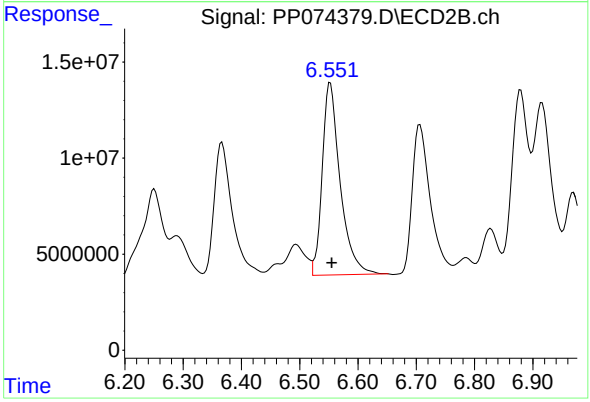
#7 AR-1016-5

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 59076119
Conc: 505.08 ng/ml



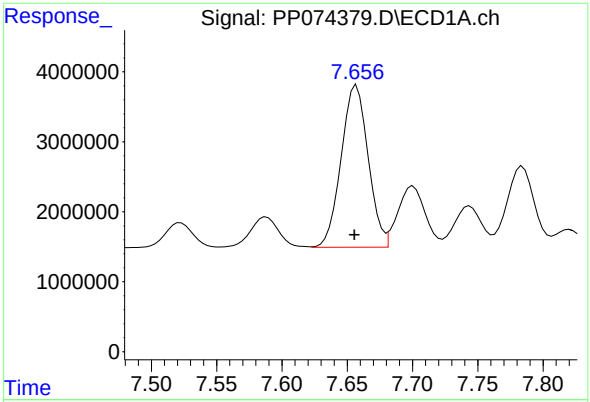
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.001 min
Response: 28649900
Conc: 508.37 ng/ml



#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 213817307
Conc: 529.31 ng/ml



#32 AR-1260-2

R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 33343582
Conc: 489.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

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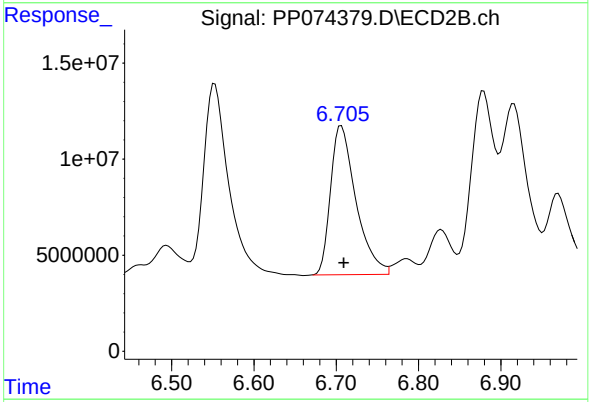
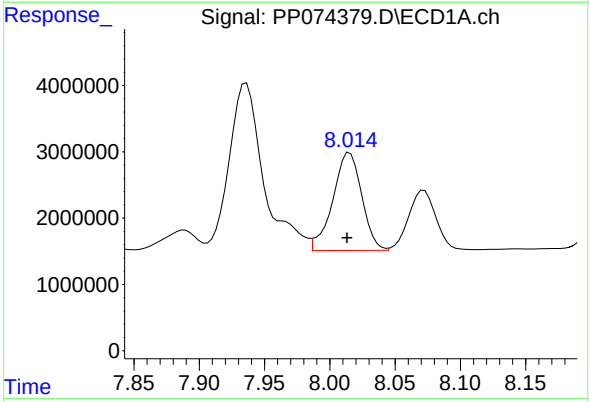
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



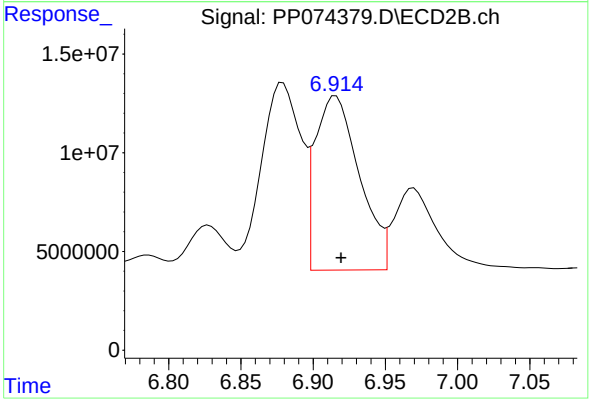
#32 AR-1260-2

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 166492536
Conc: 532.44 ng/ml



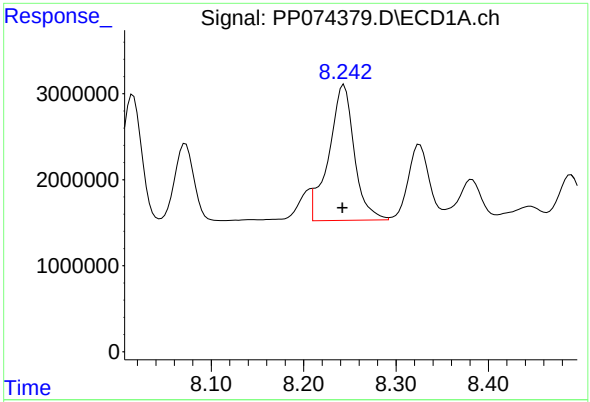
#33 AR-1260-3

R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 22828227
Conc: 428.33 ng/ml



#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 187724173
Conc: 476.31 ng/ml



#34 AR-1260-4

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 29966983
Conc: 478.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

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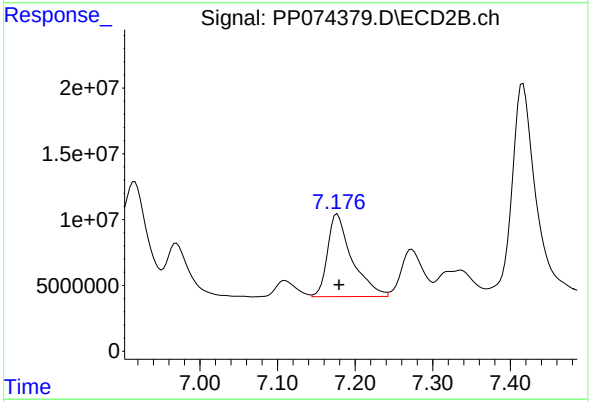
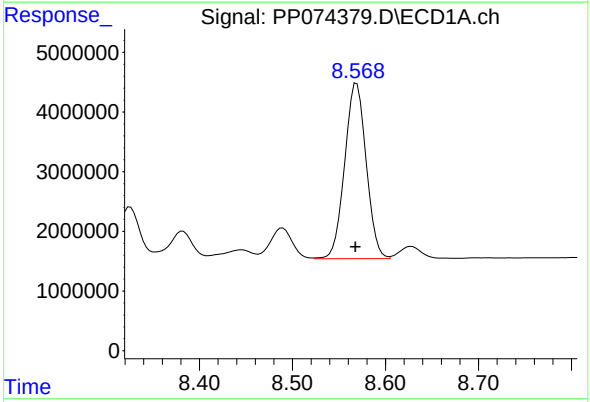
Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



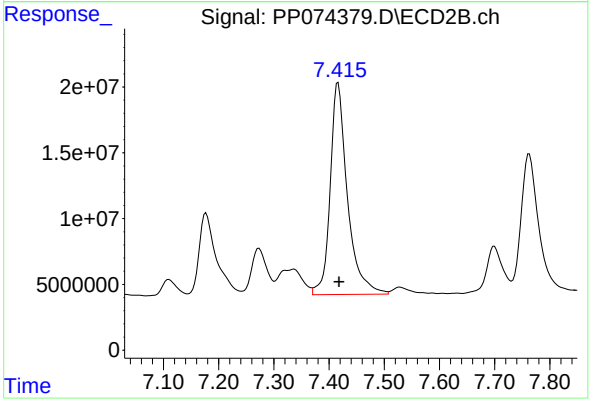
#34 AR-1260-4

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 137066761
Conc: 471.05 ng/ml



#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 47250122
Conc: 417.02 ng/ml



#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 349307591
Conc: 461.19 ng/ml

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Manual Integration Report

Sequence:	PO072325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112417.D	AR-1260-1	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-1 #2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-3 #2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1016-5	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1016-5 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1260-1 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1260-3 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC250	PO112424.D	AR-1242-5	yogesh	7/24/2025 7:42:53 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC250	PO112424.D	AR-1242-5 #2	yogesh	7/24/2025 7:42:53 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	AR-1242-5	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	AR-1242-5 #2	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	Tetrachloro-m-xylene #2	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO072325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC050	PO112430.D	AR-1248-4	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-4 #2	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-5	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-5 #2	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-1	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-1 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-2 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-3 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO081325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112896.D	AR-1260-3 #2	yogesh	8/14/2025 7:41:12 AM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1248CCC500	PO112898.D	AR-1248-1	yogesh	8/14/2025 7:41:13 AM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1660CCC500	PO112911.D	AR-1260-3 #2	yogesh	8/14/2025 7:41:32 AM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1242CCC500	PO112912.D	AR-1242-1	yogesh	8/14/2025 1:08:41 PM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1242CCC500	PO112912.D	AR-1242-2	yogesh	8/14/2025 1:08:41 PM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1248CCC500	PO112913.D	AR-1248-1	yogesh	8/14/2025 7:41:35 AM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1660CCC500	PO112924.D	AR-1260-3 #2	yogesh	8/14/2025 7:41:41 AM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software
AR1242CCC500	PO112925.D	AR-1242-1	yogesh	8/14/2025 7:41:42 AM	mohammad	8/18/2025 1:43:05	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO081425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112930.D	AR-1016-3 #2	yogesh	8/14/2025 3:02:36 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112930.D	AR-1016-4 #2	yogesh	8/14/2025 3:02:36 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112930.D	AR-1260-3 #2	yogesh	8/14/2025 3:02:36 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
Q2814-17	PO112936.D	AR-1254-1	yogesh	8/14/2025 3:02:38 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
Q2814-17	PO112936.D	AR-1254-1 #2	yogesh	8/14/2025 3:02:38 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
Q2814-17	PO112936.D	AR-1254-2	yogesh	8/14/2025 3:02:38 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
Q2814-17	PO112936.D	AR-1254-2 #2	yogesh	8/14/2025 3:02:38 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
Q2814-17	PO112936.D	AR-1254-3 #2	yogesh	8/14/2025 3:02:38 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
Q2814-17	PO112936.D	AR-1254-5	yogesh	8/14/2025 3:02:38 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112945.D	AR-1260-3 #2	yogesh	8/15/2025 7:32:25 AM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112960.D	AR-1016-1	yogesh	8/15/2025 2:39:30 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112960.D	AR-1016-2	yogesh	8/15/2025 2:39:30 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112960.D	AR-1016-3 #2	yogesh	8/15/2025 2:39:30 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO081425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112960.D	AR-1016-4 #2	yogesh	8/15/2025 2:39:30 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1660CCC500	PO112960.D	AR-1260-3 #2	yogesh	8/15/2025 2:39:30 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1242CCC500	PO112961.D	AR-1242-1	yogesh	8/15/2025 2:39:31 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1242CCC500	PO112961.D	AR-1242-2	yogesh	8/15/2025 2:39:31 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1242CCC500	PO112961.D	AR-1242-3 #2	yogesh	8/15/2025 2:39:31 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software
AR1248CCC500	PO112962.D	AR-1248-1	yogesh	8/15/2025 2:39:33 PM	mohammad	8/18/2025 1:44:19	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP074171.D	AR-1016-5	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-1	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-2	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2 #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-4	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1232ICC500	PP074174.D	AR-1232-4 #2	yogesh	8/5/2025 7:22:20 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC1000	PP074175.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:22 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC750	PP074176.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:24 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC500	PP074177.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:27 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC250	PP074178.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC250	PP074178.D	AR-1242-5	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	AR-1242-5	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICC500	PP074182.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:38 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-1	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-5 #2	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC750	PP074186.D	AR-1254-1	yogesh	8/5/2025 7:22:45 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC500	PP074187.D	AR-1254-1	yogesh	8/5/2025 7:22:47 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC250	PP074188.D	AR-1254-1	yogesh	8/5/2025 7:22:49 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC050	PP074189.D	AR-1254-1	yogesh	8/5/2025 7:22:51 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICV500	PP074197.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:52 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICV500	PP074198.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:54 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICV500	PP074199.D	AR-1254-1	yogesh	8/8/2025 7:32:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074335.D	AR-1242-2 #2	yogesh	8/14/2025 7:43:22 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1242CCC500	PP074335.D	AR-1242-3 #2	yogesh	8/14/2025 7:43:22 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1242CCC500	PP074335.D	AR-1242-4 #2	yogesh	8/14/2025 7:43:22 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1242CCC500	PP074335.D	AR-1242-5 #2	yogesh	8/14/2025 7:43:22 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1242CCC500	PP074335.D	Tetrachloro-m-xylene #2	yogesh	8/14/2025 7:43:22 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074336.D	AR-1254-1	yogesh	8/14/2025 7:43:24 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074336.D	AR-1254-1 #2	yogesh	8/14/2025 7:43:24 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074336.D	AR-1254-3 #2	yogesh	8/14/2025 7:43:24 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1242CCC500	PP074349.D	AR-1242-4 #2	yogesh	8/14/2025 7:43:43 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074350.D	AR-1254-1	yogesh	8/14/2025 7:43:45 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074350.D	AR-1254-5 #2	yogesh	8/14/2025 7:43:45 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1660CCC500	PP074362.D	AR-1016-5 #2	yogesh	8/14/2025 7:44:07 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1660CCC500	PP074362.D	Tetrachloro-m-xylene #2	yogesh	8/14/2025 7:44:07 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074363.D	AR-1242-4 #2	yogesh	8/14/2025 7:44:08 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074364.D	AR-1254-1	yogesh	8/14/2025 7:44:10 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1242CCC500	PP074369.D	AR-1242-4 #2	yogesh	8/14/2025 7:44:12 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software
AR1254CCC500	PP074370.D	AR-1254-1	yogesh	8/14/2025 7:44:14 AM	mohammad	8/18/2025 1:43:29	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081425	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074374.D	AR-1242-4 #2	yogesh	8/14/2025 2:51:11 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074375.D	AR-1254-1	yogesh	8/14/2025 2:51:13 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074375.D	AR-1254-1 #2	yogesh	8/14/2025 2:51:13 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074375.D	AR-1254-3 #2	yogesh	8/14/2025 2:51:13 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
PB169224BS	PP074378.D	AR-1260-4	yogesh	8/14/2025 2:51:15 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
PB169224BSD	PP074379.D	AR-1260-4	yogesh	8/14/2025 2:51:17 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1242CCC500	PP074388.D	AR-1242-4 #2	yogesh	8/15/2025 1:02:42 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074389.D	AR-1254-1	yogesh	8/15/2025 1:02:44 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074389.D	AR-1254-1 #2	yogesh	8/15/2025 1:02:44 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074389.D	AR-1254-3 #2	yogesh	8/15/2025 1:02:44 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1242CCC500	PP074402.D	AR-1242-4 #2	yogesh	8/15/2025 1:02:55 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074403.D	AR-1254-1	yogesh	8/15/2025 1:02:57 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software
AR1254CCC500	PP074403.D	AR-1254-1 #2	yogesh	8/15/2025 1:02:57 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081425	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP074403.D	AR-1254-3 #2	yogesh	8/15/2025 1:02:57 PM	mohammad	8/18/2025 1:44:12	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

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	
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	PO112412.D	23 Jul 2025 10:56	YP/AJ	Ok
2	I.BLK	PO112413.D	23 Jul 2025 11:14	YP/AJ	Ok
3	AR1660ICC1000	PO112414.D	23 Jul 2025 11:32	YP/AJ	Ok
4	AR1660ICC750	PO112415.D	23 Jul 2025 11:50	YP/AJ	Ok
5	AR1660ICC500	PO112416.D	23 Jul 2025 12:08	YP/AJ	Ok
6	AR1660ICC250	PO112417.D	23 Jul 2025 12:27	YP/AJ	Ok,M
7	AR1660ICC050	PO112418.D	23 Jul 2025 12:45	YP/AJ	Ok,M
8	AR1221ICC500	PO112419.D	23 Jul 2025 13:03	YP/AJ	Ok
9	AR1232ICC500	PO112420.D	23 Jul 2025 13:22	YP/AJ	Ok
10	AR1242ICC1000	PO112421.D	23 Jul 2025 13:40	YP/AJ	Ok
11	AR1242ICC750	PO112422.D	23 Jul 2025 13:59	YP/AJ	Ok
12	AR1242ICC500	PO112423.D	23 Jul 2025 14:17	YP/AJ	Ok
13	AR1242ICC250	PO112424.D	23 Jul 2025 14:36	YP/AJ	Ok,M
14	AR1242ICC050	PO112425.D	23 Jul 2025 14:54	YP/AJ	Ok,M
15	AR1248ICC1000	PO112426.D	23 Jul 2025 15:13	YP/AJ	Ok
16	AR1248ICC750	PO112427.D	23 Jul 2025 15:31	YP/AJ	Ok
17	AR1248ICC500	PO112428.D	23 Jul 2025 15:48	YP/AJ	Ok
18	AR1248ICC250	PO112429.D	23 Jul 2025 16:07	YP/AJ	Ok
19	AR1248ICC050	PO112430.D	23 Jul 2025 16:25	YP/AJ	Ok,M
20	AR1254ICC1000	PO112431.D	23 Jul 2025 16:44	YP/AJ	Ok
21	AR1254ICC750	PO112432.D	23 Jul 2025 17:02	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

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	
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	PO112433.D	23 Jul 2025 17:21	YP/AJ	Ok
23	AR1254ICC250	PO112434.D	23 Jul 2025 17:39	YP/AJ	Ok
24	AR1254ICC050	PO112435.D	23 Jul 2025 17:57	YP/AJ	Ok,M
25	AR1262ICC500	PO112436.D	23 Jul 2025 18:16	YP/AJ	Ok
26	AR1268ICC1000	PO112437.D	23 Jul 2025 18:34	YP/AJ	Ok
27	AR1268ICC750	PO112438.D	23 Jul 2025 18:53	YP/AJ	Ok
28	AR1268ICC500	PO112439.D	23 Jul 2025 19:11	YP/AJ	Ok
29	AR1268ICC250	PO112440.D	23 Jul 2025 19:28	YP/AJ	Ok
30	AR1268ICC050	PO112441.D	23 Jul 2025 19:47	YP/AJ	Ok
31	PO072325ICV500	PO112442.D	23 Jul 2025 20:05	YP/AJ	Ok
32	AR1242ICV500	PO112443.D	23 Jul 2025 20:42	YP/AJ	Ok
33	AR1248ICV500	PO112444.D	23 Jul 2025 21:18	YP/AJ	Ok
34	AR1254ICV500	PO112445.D	23 Jul 2025 21:54	YP/AJ	Ok
35	AR1268ICV500	PO112446.D	23 Jul 2025 22:31	YP/AJ	Ok
36	DDT ANALOG	PO112447.D	23 Jul 2025 23:07	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081325

Review By	yogesh	Review On	8/13/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:05 AM		
SubDirectory	PO081325	HP Acquire Method		HP Processing Method	PO072325

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	PO112895.D	13 Aug 2025 08:40	YP/AJ	Ok
2	AR1660CCC500	PO112896.D	13 Aug 2025 08:59	YP/AJ	Ok,M
3	AR1242CCC500	PO112897.D	13 Aug 2025 09:17	YP/AJ	Ok
4	AR1248CCC500	PO112898.D	13 Aug 2025 09:34	YP/AJ	Ok,M
5	AR1254CCC500	PO112899.D	13 Aug 2025 09:52	YP/AJ	Ok
6	I.BLK	PO112900.D	13 Aug 2025 10:10	YP/AJ	Ok
7	DDT ANALOG	PO112901.D	13 Aug 2025 10:29	YP/AJ	Ok
8	Q2827-01DL	PO112902.D	13 Aug 2025 10:46	YP/AJ	Ok,M
9	Q2832-07	PO112903.D	13 Aug 2025 12:39	YP/AJ	Dilution
10	Q2832-09	PO112904.D	13 Aug 2025 12:58	YP/AJ	Ok,M
11	Q2836-02	PO112905.D	13 Aug 2025 13:15	YP/AJ	Ok,M
12	Q2836-06	PO112906.D	13 Aug 2025 13:34	YP/AJ	Ok,M
13	Q2836-10	PO112907.D	13 Aug 2025 13:52	YP/AJ	Ok,M
14	Q2836-14	PO112908.D	13 Aug 2025 14:09	YP/AJ	Ok,M
15	Q2838-01	PO112909.D	13 Aug 2025 14:28	YP/AJ	Ok,M
16	Q2838-05	PO112910.D	13 Aug 2025 14:45	YP/AJ	Ok
17	AR1660CCC500	PO112911.D	13 Aug 2025 15:57	YP/AJ	Ok,M
18	AR1242CCC500	PO112912.D	13 Aug 2025 16:14	YP/AJ	Ok,M
19	AR1248CCC500	PO112913.D	13 Aug 2025 16:32	YP/AJ	Ok,M
20	AR1254CCC500	PO112914.D	13 Aug 2025 16:49	YP/AJ	Ok
21	I.BLK	PO112915.D	13 Aug 2025 17:07	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081325

Review By	yogesh	Review On	8/13/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:05 AM		
SubDirectory	PO081325	HP Acquire Method		HP Processing Method	PO072325

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	Q2814-16	PO112916.D	13 Aug 2025 17:24	YP/AJ	Ok
23	Q2814-01	PO112917.D	13 Aug 2025 17:41	YP/AJ	Ok
24	Q2840-01	PO112918.D	13 Aug 2025 17:59	YP/AJ	Ok
25	Q2840-02	PO112919.D	13 Aug 2025 18:16	YP/AJ	Ok,M
26	Q2814-03	PO112920.D	13 Aug 2025 18:33	YP/AJ	Ok
27	Q2814-17	PO112921.D	13 Aug 2025 18:51	YP/AJ	Not Ok
28	Q2815-01	PO112922.D	13 Aug 2025 19:08	YP/AJ	Ok
29	Q2815-11	PO112923.D	13 Aug 2025 19:26	YP/AJ	Ok
30	AR1660CCC500	PO112924.D	13 Aug 2025 20:35	YP/AJ	Ok,M
31	AR1242CCC500	PO112925.D	13 Aug 2025 21:27	YP/AJ	Ok,M
32	AR1248CCC500	PO112926.D	13 Aug 2025 21:45	YP/AJ	Ok
33	AR1254CCC500	PO112927.D	13 Aug 2025 22:02	YP/AJ	Ok
34	I.BLK	PO112928.D	13 Aug 2025 22:19	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081425

Review By	yogesh	Review On	8/14/2025 11:39:00 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:19 AM		
SubDirectory	PO081425	HP Acquire Method		HP Processing Method	PO072325

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	PO112929.D	14 Aug 2025 08:14	YP/AJ	Ok
2	AR1660CCC500	PO112930.D	14 Aug 2025 08:33	YP/AJ	Ok,M
3	AR1242CCC500	PO112931.D	14 Aug 2025 08:51	YP/AJ	Ok
4	AR1248CCC500	PO112932.D	14 Aug 2025 09:10	YP/AJ	Ok
5	AR1254CCC500	PO112933.D	14 Aug 2025 09:28	YP/AJ	Ok
6	I.BLK	PO112934.D	14 Aug 2025 09:46	YP/AJ	Ok
7	DDT ANALOG	PO112935.D	14 Aug 2025 10:05	YP/AJ	Ok
8	Q2814-17	PO112936.D	14 Aug 2025 10:23	YP/AJ	Ok,M
9	Q2832-07DL	PO112937.D	14 Aug 2025 10:42	YP/AJ	Ok,M
10	Q2854-01	PO112938.D	14 Aug 2025 12:28	YP/AJ	Ok,M
11	Q2854-02	PO112939.D	14 Aug 2025 12:47	YP/AJ	Ok,M
12	Q2863-01	PO112940.D	14 Aug 2025 13:04	YP/AJ	Ok,M
13	Q2857-05	PO112941.D	14 Aug 2025 13:23	YP/AJ	Ok,M
14	Q2857-06	PO112942.D	14 Aug 2025 13:40	YP/AJ	Ok,M
15	Q2857-07	PO112943.D	14 Aug 2025 13:57	YP/AJ	Ok
16	Q2857-08	PO112944.D	14 Aug 2025 14:16	YP/AJ	Ok
17	AR1660CCC500	PO112945.D	14 Aug 2025 15:27	YP/AJ	Ok,M
18	AR1242CCC500	PO112946.D	14 Aug 2025 15:44	YP/AJ	Ok
19	AR1248CCC500	PO112947.D	14 Aug 2025 16:03	YP/AJ	Ok
20	AR1254CCC500	PO112948.D	14 Aug 2025 16:20	YP/AJ	Ok
21	I.BLK	PO112949.D	14 Aug 2025 16:37	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081425

Review By	yogesh	Review On	8/14/2025 11:39:00 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:19 AM		
SubDirectory	PO081425	HP Acquire Method		HP Processing Method	PO072325

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	Q2857-09	PO112950.D	14 Aug 2025 16:55	YP/AJ	Ok
23	Q2857-10	PO112951.D	14 Aug 2025 17:12	YP/AJ	Ok
24	Q2853-01	PO112952.D	14 Aug 2025 17:30	YP/AJ	Ok
25	Q2855-01	PO112953.D	14 Aug 2025 17:48	YP/AJ	Ok,M
26	Q2857-03	PO112954.D	14 Aug 2025 18:05	YP/AJ	Ok
27	Q2844-09	PO112955.D	14 Aug 2025 18:23	YP/AJ	Ok
28	Q2844-11	PO112956.D	14 Aug 2025 18:40	YP/AJ	Ok
29	Q2847-01	PO112957.D	14 Aug 2025 18:57	YP/AJ	Ok
30	Q2847-02	PO112958.D	14 Aug 2025 19:15	YP/AJ	Ok
31	Q2844-06	PO112959.D	14 Aug 2025 19:33	YP/AJ	Not Ok
32	AR1660CCC500	PO112960.D	14 Aug 2025 20:46	YP/AJ	Ok,M
33	AR1242CCC500	PO112961.D	14 Aug 2025 21:38	YP/AJ	Ok,M
34	AR1248CCC500	PO112962.D	14 Aug 2025 21:55	YP/AJ	Ok,M
35	AR1254CCC500	PO112963.D	14 Aug 2025 22:13	YP/AJ	Ok
36	I.BLK	PO112964.D	14 Aug 2025 22:31	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

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	PP074166.D	01 Aug 2025 11:33	YP\AJ	Ok
2	I.BLK	PP074167.D	01 Aug 2025 11:49	YP\AJ	Ok
3	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05	YP\AJ	Ok
4	AR1660ICC750	PP074169.D	01 Aug 2025 12:22	YP\AJ	Ok
5	AR1660ICC500	PP074170.D	01 Aug 2025 12:38	YP\AJ	Ok
6	AR1660ICC250	PP074171.D	01 Aug 2025 12:54	YP\AJ	Ok,M
7	AR1660ICC050	PP074172.D	01 Aug 2025 13:42	YP\AJ	Ok,M
8	AR1221ICC500	PP074173.D	01 Aug 2025 13:58	YP\AJ	Ok
9	AR1232ICC500	PP074174.D	01 Aug 2025 14:15	YP\AJ	Ok,M
10	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31	YP\AJ	Ok,M
11	AR1242ICC750	PP074176.D	01 Aug 2025 14:47	YP\AJ	Ok,M
12	AR1242ICC500	PP074177.D	01 Aug 2025 15:03	YP\AJ	Ok,M
13	AR1242ICC250	PP074178.D	01 Aug 2025 15:19	YP\AJ	Ok,M
14	AR1242ICC050	PP074179.D	01 Aug 2025 15:36	YP\AJ	Ok,M
15	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	YP\AJ	Not Ok
16	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	YP\AJ	Not Ok
17	AR1248ICC500	PP074182.D	01 Aug 2025 16:57	YP\AJ	Ok,M
18	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	YP\AJ	Not Ok
19	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	YP\AJ	Not Ok
20	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02	YP\AJ	Ok,M
21	AR1254ICC750	PP074186.D	01 Aug 2025 18:18	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

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	PP074187.D	01 Aug 2025 18:34	YP\AJ	Ok,M
23	AR1254ICC250	PP074188.D	01 Aug 2025 18:50	YP\AJ	Ok,M
24	AR1254ICC050	PP074189.D	01 Aug 2025 19:23	YP\AJ	Ok,M
25	AR1262ICC500	PP074190.D	01 Aug 2025 19:39	YP\AJ	Ok
26	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	YP\AJ	Not Ok
27	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	YP\AJ	Not Ok
28	AR1268ICC500	PP074193.D	01 Aug 2025 20:28	YP\AJ	Ok
29	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	YP\AJ	Not Ok
30	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	YP\AJ	Not Ok
31	PP080125ICV500	PP074196.D	01 Aug 2025 21:16	YP\AJ	Ok
32	AR1242ICV500	PP074197.D	01 Aug 2025 22:05	YP\AJ	Ok,M
33	AR1248ICV500	PP074198.D	01 Aug 2025 22:37	YP\AJ	Not Ok
34	AR1254ICV500	PP074199.D	01 Aug 2025 23:10	YP\AJ	Ok,M
35	AR1268ICV500	PP074200.D	01 Aug 2025 23:42	YP\AJ	Not Ok
36	DDT ANALOG	PP074201.D	02 Aug 2025 00:15	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081325

Review By	yogesh	Review On	8/13/2025 9:52:10 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:29 AM		
SubDirectory	PP081325	HP Acquire Method		HP Processing Method	PP080125

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	PP074333.D	13 Aug 2025 08:47	YP\AJ	Ok
2	AR1660CCC500	PP074334.D	13 Aug 2025 09:04	YP\AJ	Ok
3	AR1242CCC500	PP074335.D	13 Aug 2025 09:35	YP\AJ	Ok,M
4	AR1254CCC500	PP074336.D	13 Aug 2025 09:51	YP\AJ	Ok,M
5	I.BLK	PP074337.D	13 Aug 2025 10:07	YP\AJ	Ok
6	DDT ANALOG	PP074338.D	13 Aug 2025 10:23	YP\AJ	Ok
7	PB169227BL	PP074339.D	13 Aug 2025 12:38	YP\AJ	Not Ok
8	PB169227BS	PP074340.D	13 Aug 2025 12:55	YP\AJ	Ok,M
9	Q2732-02	PP074341.D	13 Aug 2025 13:11	YP\AJ	Ok,M
10	Q2832-01	PP074342.D	13 Aug 2025 13:27	YP\AJ	Ok,M
11	Q2832-03	PP074343.D	13 Aug 2025 13:44	YP\AJ	Dilution
12	Q2832-03MS	PP074344.D	13 Aug 2025 14:00	YP\AJ	Ok,M
13	Q2832-03MSD	PP074345.D	13 Aug 2025 14:16	YP\AJ	Ok,M
14	Q2832-05	PP074346.D	13 Aug 2025 14:32	YP\AJ	Dilution
15	Q2820-09	PP074347.D	13 Aug 2025 15:05	YP\AJ	Not Ok
16	AR1660CCC500	PP074348.D	13 Aug 2025 15:54	YP\AJ	Ok
17	AR1242CCC500	PP074349.D	13 Aug 2025 16:10	YP\AJ	Ok,M
18	AR1254CCC500	PP074350.D	13 Aug 2025 16:26	YP\AJ	Ok,M
19	I.BLK	PP074351.D	13 Aug 2025 16:42	YP\AJ	Ok
20	PB169224BL	PP074352.D	13 Aug 2025 16:59	YP\AJ	Ok
21	PB169224BS	PP074353.D	13 Aug 2025 17:15	YP\AJ	Not Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081325

Review By	yogesh	Review On	8/13/2025 9:52:10 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:29 AM		
SubDirectory	PP081325	HP Acquire Method		HP Processing Method	PP080125

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	PB169224BSD	PP074354.D	13 Aug 2025 17:31	YP\AJ	Not Ok
23	Q2815-21	PP074355.D	13 Aug 2025 17:47	YP\AJ	Ok,M
24	Q2815-23	PP074356.D	13 Aug 2025 18:04	YP\AJ	Ok,M
25	Q2815-26	PP074357.D	13 Aug 2025 18:20	YP\AJ	Ok,M
26	Q2821-05	PP074358.D	13 Aug 2025 18:36	YP\AJ	Ok,M
27	Q2821-08	PP074359.D	13 Aug 2025 18:52	YP\AJ	Ok,M
28	Q2821-09	PP074360.D	13 Aug 2025 19:09	YP\AJ	Not Ok
29	Q2822-01	PP074361.D	13 Aug 2025 19:25	YP\AJ	Ok,M
30	AR1660CCC500	PP074362.D	13 Aug 2025 20:30	YP\AJ	Ok,M
31	AR1242CCC500	PP074363.D	13 Aug 2025 21:19	YP\AJ	Ok,M
32	AR1254CCC500	PP074364.D	13 Aug 2025 21:35	YP\AJ	Ok,M
33	I.BLK	PP074365.D	13 Aug 2025 21:52	YP\AJ	Ok
34	PB169227BL	PP074366.D	13 Aug 2025 22:08	YP\AJ	Ok
35	Q2820-09	PP074367.D	13 Aug 2025 22:24	YP\AJ	Ok
36	AR1660CCC500	PP074368.D	13 Aug 2025 23:30	YP\AJ	Ok
37	AR1242CCC500	PP074369.D	14 Aug 2025 00:18	YP\AJ	Ok,M
38	AR1254CCC500	PP074370.D	14 Aug 2025 00:35	YP\AJ	Ok,M
39	I.BLK	PP074371.D	14 Aug 2025 00:51	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081425

Review By	yogesh	Review On	8/14/2025 11:38:09 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:12 AM		
SubDirectory	PP081425	HP Acquire Method		HP Processing Method	PP080125

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	PP074372.D	14 Aug 2025 08:11	YP\AJ	Ok
2	AR1660CCC500	PP074373.D	14 Aug 2025 08:27	YP\AJ	Ok
3	AR1242CCC500	PP074374.D	14 Aug 2025 08:44	YP\AJ	Ok,M
4	AR1254CCC500	PP074375.D	14 Aug 2025 09:00	YP\AJ	Ok,M
5	I.BLK	PP074376.D	14 Aug 2025 09:17	YP\AJ	Ok
6	DDT ANALOG	PP074377.D	14 Aug 2025 09:33	YP\AJ	Ok
7	PB169224BS	PP074378.D	14 Aug 2025 09:49	YP\AJ	Ok,M
8	PB169224BSD	PP074379.D	14 Aug 2025 10:06	YP\AJ	Ok,M
9	Q2821-09	PP074380.D	14 Aug 2025 10:22	YP\AJ	Ok,M
10	Q2832-03DL	PP074381.D	14 Aug 2025 10:38	YP\AJ	Ok,M
11	Q2832-05DL	PP074382.D	14 Aug 2025 10:55	YP\AJ	Ok
12	Q2863-02	PP074383.D	14 Aug 2025 12:27	YP\AJ	Ok,M
13	Q2863-03	PP074384.D	14 Aug 2025 12:44	YP\AJ	Ok,M
14	Q2863-04	PP074385.D	14 Aug 2025 13:00	YP\AJ	Ok,M
15	Q2863-05	PP074386.D	14 Aug 2025 13:16	YP\AJ	Ok,M
16	AR1660CCC500	PP074387.D	14 Aug 2025 14:22	YP\AJ	Ok
17	AR1242CCC500	PP074388.D	14 Aug 2025 14:38	YP\AJ	Ok,M
18	AR1254CCC500	PP074389.D	14 Aug 2025 14:54	YP\AJ	Ok,M
19	I.BLK	PP074390.D	14 Aug 2025 15:11	YP\AJ	Ok
20	PB169240BL	PP074391.D	14 Aug 2025 15:27	YP\AJ	Ok
21	PB169240BS	PP074392.D	14 Aug 2025 15:43	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081425

Review By	yogesh	Review On	8/14/2025 11:38:09 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:12 AM		
SubDirectory	PP081425	HP Acquire Method		HP Processing Method	PP080125

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	PB169245BL	PP074393.D	14 Aug 2025 16:00	YP\AJ	Ok
23	PB169245BS	PP074394.D	14 Aug 2025 16:16	YP\AJ	Ok,M
24	Q2844-01	PP074395.D	14 Aug 2025 16:32	YP\AJ	Ok,M
25	Q2844-02	PP074396.D	14 Aug 2025 16:49	YP\AJ	Ok
26	Q2844-04	PP074397.D	14 Aug 2025 17:05	YP\AJ	Ok
27	Q2858-01	PP074398.D	14 Aug 2025 17:21	YP\AJ	Ok,M
28	Q2858-01MS	PP074399.D	14 Aug 2025 17:37	YP\AJ	Ok,M
29	Q2858-01MSD	PP074400.D	14 Aug 2025 17:54	YP\AJ	Ok,M
30	AR1660CCC500	PP074401.D	14 Aug 2025 18:59	YP\AJ	Ok
31	AR1242CCC500	PP074402.D	14 Aug 2025 19:48	YP\AJ	Ok,M
32	AR1254CCC500	PP074403.D	14 Aug 2025 20:04	YP\AJ	Ok,M
33	I.BLK	PP074404.D	14 Aug 2025 20:21	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

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	
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	PO112412.D	23 Jul 2025 10:56		YP/AJ	Ok
2	I.BLK	I.BLK	PO112413.D	23 Jul 2025 11:14		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112414.D	23 Jul 2025 11:32		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO112415.D	23 Jul 2025 11:50		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO112416.D	23 Jul 2025 12:08		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112417.D	23 Jul 2025 12:27		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112418.D	23 Jul 2025 12:45		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112419.D	23 Jul 2025 13:03		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112420.D	23 Jul 2025 13:22		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112421.D	23 Jul 2025 13:40		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112422.D	23 Jul 2025 13:59		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112423.D	23 Jul 2025 14:17		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112424.D	23 Jul 2025 14:36		YP/AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PO112425.D	23 Jul 2025 14:54		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112426.D	23 Jul 2025 15:13		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112427.D	23 Jul 2025 15:31		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112428.D	23 Jul 2025 15:48		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112429.D	23 Jul 2025 16:07		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

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	
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	PO112430.D	23 Jul 2025 16:25		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112431.D	23 Jul 2025 16:44		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112432.D	23 Jul 2025 17:02		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112433.D	23 Jul 2025 17:21		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112434.D	23 Jul 2025 17:39		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112435.D	23 Jul 2025 17:57		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112436.D	23 Jul 2025 18:16		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112437.D	23 Jul 2025 18:34		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO112438.D	23 Jul 2025 18:53		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112439.D	23 Jul 2025 19:11		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112440.D	23 Jul 2025 19:28		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112441.D	23 Jul 2025 19:47		YP/AJ	Ok
31	PO072325ICV500	ICVPO072325	PO112442.D	23 Jul 2025 20:05		YP/AJ	Ok
32	AR1242ICV500	ICVPO072325AR1242	PO112443.D	23 Jul 2025 20:42		YP/AJ	Ok
33	AR1248ICV500	ICVPO072325AR1248	PO112444.D	23 Jul 2025 21:18		YP/AJ	Ok
34	AR1254ICV500	ICVPO072325AR1254	PO112445.D	23 Jul 2025 21:54		YP/AJ	Ok
35	AR1268ICV500	ICVPO072325AR1268	PO112446.D	23 Jul 2025 22:31		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO112447.D	23 Jul 2025 23:07		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081325

Review By	yogesh	Review On	8/13/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:05 AM		
SubDirectory	PO081325	HP Acquire Method		HP Processing Method	PO072325

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	PO112895.D	13 Aug 2025 08:40		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112896.D	13 Aug 2025 08:59		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112897.D	13 Aug 2025 09:17		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO112898.D	13 Aug 2025 09:34		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO112899.D	13 Aug 2025 09:52		YP/AJ	Ok
6	I.BLK	I.BLK	PO112900.D	13 Aug 2025 10:10		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112901.D	13 Aug 2025 10:29		YP/AJ	Ok
8	Q2827-01DL	TP-8DL	PO112902.D	13 Aug 2025 10:46	AR1248 & AR1260 hits	YP/AJ	Ok,M
9	Q2832-07	TG-S04	PO112903.D	13 Aug 2025 12:39	AR1260 hit, Need dilution	YP/AJ	Dilution
10	Q2832-09	TG-S05	PO112904.D	13 Aug 2025 12:58		YP/AJ	Ok,M
11	Q2836-02	WC-A2-15-C	PO112905.D	13 Aug 2025 13:15		YP/AJ	Ok,M
12	Q2836-06	WC-A2-16-C	PO112906.D	13 Aug 2025 13:34		YP/AJ	Ok,M
13	Q2836-10	WC-A2-17-C	PO112907.D	13 Aug 2025 13:52		YP/AJ	Ok,M
14	Q2836-14	WC-A5-02-C	PO112908.D	13 Aug 2025 14:09		YP/AJ	Ok,M
15	Q2838-01	TP-11	PO112909.D	13 Aug 2025 14:28		YP/AJ	Ok,M
16	Q2838-05	TP-10	PO112910.D	13 Aug 2025 14:45		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO112911.D	13 Aug 2025 15:57		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112912.D	13 Aug 2025 16:14		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081325

Review By	yogesh	Review On	8/13/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:05 AM		
SubDirectory	PO081325	HP Acquire Method		HP Processing Method	PO072325

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	PO112913.D	13 Aug 2025 16:32		YP/AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PO112914.D	13 Aug 2025 16:49		YP/AJ	Ok
21	I.BLK	I.BLK	PO112915.D	13 Aug 2025 17:07		YP/AJ	Ok
22	Q2814-16	FB	PO112916.D	13 Aug 2025 17:24		YP/AJ	Ok
23	Q2814-01	TW-84SB-E	PO112917.D	13 Aug 2025 17:41		YP/AJ	Ok
24	Q2840-01	0804-SOIL	PO112918.D	13 Aug 2025 17:59		YP/AJ	Ok
25	Q2840-02	0804-D	PO112919.D	13 Aug 2025 18:16		YP/AJ	Ok,M
26	Q2814-03	TW-17M-W	PO112920.D	13 Aug 2025 18:33		YP/AJ	Ok
27	Q2814-17	TW-518R-S	PO112921.D	13 Aug 2025 18:51		YP/AJ	Not Ok
28	Q2815-01	TW-705R-S	PO112922.D	13 Aug 2025 19:08		YP/AJ	Ok
29	Q2815-11	TW-22M-W	PO112923.D	13 Aug 2025 19:26		YP/AJ	Ok
30	AR1660CCC500	AR1660CCC500	PO112924.D	13 Aug 2025 20:35		YP/AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PO112925.D	13 Aug 2025 21:27		YP/AJ	Ok,M
32	AR1248CCC500	AR1248CCC500	PO112926.D	13 Aug 2025 21:45		YP/AJ	Ok
33	AR1254CCC500	AR1254CCC500	PO112927.D	13 Aug 2025 22:02		YP/AJ	Ok
34	I.BLK	I.BLK	PO112928.D	13 Aug 2025 22:19		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081425

Review By	yogesh	Review On	8/14/2025 11:39:00 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:19 AM		
SubDirectory	PO081425	HP Acquire Method		HP Processing Method	PO072325

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	PO112929.D	14 Aug 2025 08:14		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112930.D	14 Aug 2025 08:33		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112931.D	14 Aug 2025 08:51		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO112932.D	14 Aug 2025 09:10		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO112933.D	14 Aug 2025 09:28		YP/AJ	Ok
6	I.BLK	I.BLK	PO112934.D	14 Aug 2025 09:46		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112935.D	14 Aug 2025 10:05		YP/AJ	Ok
8	Q2814-17	TW-518R-S	PO112936.D	14 Aug 2025 10:23	AR1254 hits	YP/AJ	Ok,M
9	Q2832-07DL	TG-S04DL	PO112937.D	14 Aug 2025 10:42	AR1260 hit	YP/AJ	Ok,M
10	Q2854-01	DBA6471-END 1-1	PO112938.D	14 Aug 2025 12:28		YP/AJ	Ok,M
11	Q2854-02	DBA6471-END 1-2	PO112939.D	14 Aug 2025 12:47		YP/AJ	Ok,M
12	Q2863-01	L14A	PO112940.D	14 Aug 2025 13:04		YP/AJ	Ok,M
13	Q2857-05	BC 271327-A	PO112941.D	14 Aug 2025 13:23		YP/AJ	Ok,M
14	Q2857-06	BC 271327-B	PO112942.D	14 Aug 2025 13:40		YP/AJ	Ok,M
15	Q2857-07	KHM339-A	PO112943.D	14 Aug 2025 13:57		YP/AJ	Ok
16	Q2857-08	KHM339-B	PO112944.D	14 Aug 2025 14:16		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO112945.D	14 Aug 2025 15:27		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112946.D	14 Aug 2025 15:44		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081425

Review By	yogesh	Review On	8/14/2025 11:39:00 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:19 AM		
SubDirectory	PO081425	HP Acquire Method		HP Processing Method	PO072325

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	PO112947.D	14 Aug 2025 16:03		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO112948.D	14 Aug 2025 16:20		YP/AJ	Ok
21	I.BLK	I.BLK	PO112949.D	14 Aug 2025 16:37		YP/AJ	Ok
22	Q2857-09	BC 223764-A	PO112950.D	14 Aug 2025 16:55		YP/AJ	Ok
23	Q2857-10	BC 223764-B	PO112951.D	14 Aug 2025 17:12		YP/AJ	Ok
24	Q2853-01	TR-05-081325	PO112952.D	14 Aug 2025 17:30		YP/AJ	Ok
25	Q2855-01	#454	PO112953.D	14 Aug 2025 17:48		YP/AJ	Ok,M
26	Q2857-03	72-12002	PO112954.D	14 Aug 2025 18:05		YP/AJ	Ok
27	Q2844-09	MOO-25-0226	PO112955.D	14 Aug 2025 18:23		YP/AJ	Ok
28	Q2844-11	MOO-25-0228	PO112956.D	14 Aug 2025 18:40		YP/AJ	Ok
29	Q2847-01	BUR-25-0069	PO112957.D	14 Aug 2025 18:57		YP/AJ	Ok
30	Q2847-02	BUR-25-0070	PO112958.D	14 Aug 2025 19:15		YP/AJ	Ok
31	Q2844-06	MOO-25-0223	PO112959.D	14 Aug 2025 19:33	Surrogate fail	YP/AJ	Not Ok
32	AR1660CCC500	AR1660CCC500	PO112960.D	14 Aug 2025 20:46		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO112961.D	14 Aug 2025 21:38		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO112962.D	14 Aug 2025 21:55		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO112963.D	14 Aug 2025 22:13		YP/AJ	Ok
36	I.BLK	I.BLK	PO112964.D	14 Aug 2025 22:31		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

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	PP074166.D	01 Aug 2025 11:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP074167.D	01 Aug 2025 11:49		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074169.D	01 Aug 2025 12:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074170.D	01 Aug 2025 12:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074171.D	01 Aug 2025 12:54		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP074172.D	01 Aug 2025 13:42		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074173.D	01 Aug 2025 13:58		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074174.D	01 Aug 2025 14:15		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074176.D	01 Aug 2025 14:47		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074177.D	01 Aug 2025 15:03		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074178.D	01 Aug 2025 15:19		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074179.D	01 Aug 2025 15:36		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	Not Use	YP\AJ	Not Ok
16	AR1248ICC750	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	Not Use	YP\AJ	Not Ok
17	AR1248ICC500	AR1248ICC500	PP074182.D	01 Aug 2025 16:57		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	Not Use	YP\AJ	Not 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 # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

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	PP074184.D	01 Aug 2025 17:45	Not Use	YP\AJ	Not Ok
20	AR1254ICC1000	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074186.D	01 Aug 2025 18:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074187.D	01 Aug 2025 18:34		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074188.D	01 Aug 2025 18:50		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074189.D	01 Aug 2025 19:23		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074190.D	01 Aug 2025 19:39		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	Not Use	YP\AJ	Not Ok
27	AR1268ICC750	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	Not Use	YP\AJ	Not Ok
28	AR1268ICC500	AR1268ICC500	PP074193.D	01 Aug 2025 20:28		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	Not Use	YP\AJ	Not Ok
30	AR1268ICC050	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	Not Use	YP\AJ	Not Ok
31	PP080125ICV500	ICVPP080125	PP074196.D	01 Aug 2025 21:16		YP\AJ	Ok
32	AR1242ICV500	ICVPP080125AR1242	PP074197.D	01 Aug 2025 22:05		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP080125AR1248	PP074198.D	01 Aug 2025 22:37	Not Use	YP\AJ	Not Ok
34	AR1254ICV500	ICVPP080125AR1254	PP074199.D	01 Aug 2025 23:10		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP080125AR1268	PP074200.D	01 Aug 2025 23:42	Not Use	YP\AJ	Not Ok
36	DDT ANALOG	DDT ANALOG	PP074201.D	02 Aug 2025 00:15		YP\AJ	Ok

M : Manual Integration

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 # PP081325

Review By	yogesh	Review On	8/13/2025 9:52:10 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:29 AM		
SubDirectory	PP081325	HP Acquire Method		HP Processing Method	PP080125

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	PP074333.D	13 Aug 2025 08:47		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074334.D	13 Aug 2025 09:04		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074335.D	13 Aug 2025 09:35		YP\AJ	Ok,M
4	AR1254CCC500	AR1254CCC500	PP074336.D	13 Aug 2025 09:51		YP\AJ	Ok,M
5	I.BLK	I.BLK	PP074337.D	13 Aug 2025 10:07		YP\AJ	Ok
6	DDT ANALOG	DDT ANALOG	PP074338.D	13 Aug 2025 10:23		YP\AJ	Ok
7	PB169227BL	PB169227BL	PP074339.D	13 Aug 2025 12:38	Run with clean up sample	YP\AJ	Not Ok
8	PB169227BS	PB169227BS	PP074340.D	13 Aug 2025 12:55		YP\AJ	Ok,M
9	Q2732-02	WC-A7-01-C	PP074341.D	13 Aug 2025 13:11		YP\AJ	Ok,M
10	Q2832-01	TG-S01	PP074342.D	13 Aug 2025 13:27	AR1260 Hit	YP\AJ	Ok,M
11	Q2832-03	TG-S02	PP074343.D	13 Aug 2025 13:44	AR1260 Hit, Need 2X	YP\AJ	Dilution
12	Q2832-03MS	TG-S02MS	PP074344.D	13 Aug 2025 14:00	Aroclor-1260 recovery fail	YP\AJ	Ok,M
13	Q2832-03MSD	TG-S02MSD	PP074345.D	13 Aug 2025 14:16	Aroclor-1260 recovery fail	YP\AJ	Ok,M
14	Q2832-05	TG-S03	PP074346.D	13 Aug 2025 14:32	AR1260 Hit, Need 2X	YP\AJ	Dilution
15	Q2820-09	705R-S	PP074347.D	13 Aug 2025 15:05	need cleanup	YP\AJ	Not Ok
16	AR1660CCC500	AR1660CCC500	PP074348.D	13 Aug 2025 15:54		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PP074349.D	13 Aug 2025 16:10		YP\AJ	Ok,M
18	AR1254CCC500	AR1254CCC500	PP074350.D	13 Aug 2025 16:26		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081325

Review By	yogesh	Review On	8/13/2025 9:52:10 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:29 AM		
SubDirectory	PP081325	HP Acquire Method		HP Processing Method	PP080125

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	I.BLK	I.BLK	PP074351.D	13 Aug 2025 16:42		YP\AJ	Ok
20	PB169224BL	PB169224BL	PP074352.D	13 Aug 2025 16:59		YP\AJ	Ok
21	PB169224BS	PB169224BS	PP074353.D	13 Aug 2025 17:15	AR1016 recovery fail	YP\AJ	Not Ok
22	PB169224BSD	PB169224BSD	PP074354.D	13 Aug 2025 17:31	AR1016 recovery fail	YP\AJ	Not Ok
23	Q2815-21	TW-11M-E	PP074355.D	13 Aug 2025 17:47		YP\AJ	Ok,M
24	Q2815-23	TW-11M-N	PP074356.D	13 Aug 2025 18:04		YP\AJ	Ok,M
25	Q2815-26	FB	PP074357.D	13 Aug 2025 18:20		YP\AJ	Ok,M
26	Q2821-05	GW-COMP	PP074358.D	13 Aug 2025 18:36		YP\AJ	Ok,M
27	Q2821-08	DM-COMP	PP074359.D	13 Aug 2025 18:52		YP\AJ	Ok,M
28	Q2821-09	50668	PP074360.D	13 Aug 2025 19:09	DCB low in both column , TCMX low in 2nd column	YP\AJ	Not Ok
29	Q2822-01	NWB-2185	PP074361.D	13 Aug 2025 19:25		YP\AJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PP074362.D	13 Aug 2025 20:30		YP\AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PP074363.D	13 Aug 2025 21:19		YP\AJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PP074364.D	13 Aug 2025 21:35		YP\AJ	Ok,M
33	I.BLK	I.BLK	PP074365.D	13 Aug 2025 21:52		YP\AJ	Ok
34	PB169227BL	PB169227BL	PP074366.D	13 Aug 2025 22:08		YP\AJ	Ok
35	Q2820-09	705R-S	PP074367.D	13 Aug 2025 22:24		YP\AJ	Ok
36	AR1660CCC500	AR1660CCC500	PP074368.D	13 Aug 2025 23:30		YP\AJ	Ok
37	AR1242CCC500	AR1242CCC500	PP074369.D	14 Aug 2025 00:18		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081325

Review By	yogesh	Review On	8/13/2025 9:52:10 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:29 AM		
SubDirectory	PP081325	HP Acquire Method		HP Processing Method	PP080125

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	AR1254CCC500	AR1254CCC500	PP074370.D	14 Aug 2025 00:35		YP\AJ	Ok,M
39	I.BLK	I.BLK	PP074371.D	14 Aug 2025 00:51		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081425

Review By	yogesh	Review On	8/14/2025 11:38:09 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:12 AM		
SubDirectory	PP081425	HP Acquire Method		HP Processing Method	PP080125

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	PP074372.D	14 Aug 2025 08:11		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074373.D	14 Aug 2025 08:27		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074374.D	14 Aug 2025 08:44		YP\AJ	Ok,M
4	AR1254CCC500	AR1254CCC500	PP074375.D	14 Aug 2025 09:00		YP\AJ	Ok,M
5	I.BLK	I.BLK	PP074376.D	14 Aug 2025 09:17		YP\AJ	Ok
6	DDT ANALOG	DDT ANALOG	PP074377.D	14 Aug 2025 09:33		YP\AJ	Ok
7	PB169224BS	PB169224BS	PP074378.D	14 Aug 2025 09:49		YP\AJ	Ok,M
8	PB169224BSD	PB169224BSD	PP074379.D	14 Aug 2025 10:06		YP\AJ	Ok,M
9	Q2821-09	50668	PP074380.D	14 Aug 2025 10:22	DCB low in 2nd column	YP\AJ	Ok,M
10	Q2832-03DL	TG-S02DL	PP074381.D	14 Aug 2025 10:38	AR1260 Hit	YP\AJ	Ok,M
11	Q2832-05DL	TG-S03DL	PP074382.D	14 Aug 2025 10:55	AR1260 Hit	YP\AJ	Ok
12	Q2863-02	L14B	PP074383.D	14 Aug 2025 12:27		YP\AJ	Ok,M
13	Q2863-03	L15A	PP074384.D	14 Aug 2025 12:44		YP\AJ	Ok,M
14	Q2863-04	245F95-1-1	PP074385.D	14 Aug 2025 13:00	AR1254 Hit	YP\AJ	Ok,M
15	Q2863-05	245F95-1-2	PP074386.D	14 Aug 2025 13:16		YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP074387.D	14 Aug 2025 14:22		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PP074388.D	14 Aug 2025 14:38		YP\AJ	Ok,M
18	AR1254CCC500	AR1254CCC500	PP074389.D	14 Aug 2025 14:54		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081425

Review By	yogesh	Review On	8/14/2025 11:38:09 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:44:12 AM		
SubDirectory	PP081425	HP Acquire Method		HP Processing Method	PP080125

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	I.BLK	I.BLK	PP074390.D	14 Aug 2025 15:11		YP\AJ	Ok
20	PB169240BL	PB169240BL	PP074391.D	14 Aug 2025 15:27		YP\AJ	Ok
21	PB169240BS	PB169240BS	PP074392.D	14 Aug 2025 15:43		YP\AJ	Ok,M
22	PB169245BL	PB169245BL	PP074393.D	14 Aug 2025 16:00		YP\AJ	Ok
23	PB169245BS	PB169245BS	PP074394.D	14 Aug 2025 16:16		YP\AJ	Ok,M
24	Q2844-01	PAD-081325	PP074395.D	14 Aug 2025 16:32	AR1242 Hit	YP\AJ	Ok,M
25	Q2844-02	MOO-25-0224-0225	PP074396.D	14 Aug 2025 16:49		YP\AJ	Ok
26	Q2844-04	MOO-25-0234-0235	PP074397.D	14 Aug 2025 17:05		YP\AJ	Ok
27	Q2858-01	VNJ 216	PP074398.D	14 Aug 2025 17:21		YP\AJ	Ok,M
28	Q2858-01MS	VNJ 216MS	PP074399.D	14 Aug 2025 17:37	TCMX high in 2nd column	YP\AJ	Ok,M
29	Q2858-01MSD	VNJ 216MSD	PP074400.D	14 Aug 2025 17:54	TCMX high in 2nd column	YP\AJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PP074401.D	14 Aug 2025 18:59		YP\AJ	Ok
31	AR1242CCC500	AR1242CCC500	PP074402.D	14 Aug 2025 19:48		YP\AJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PP074403.D	14 Aug 2025 20:04		YP\AJ	Ok,M
33	I.BLK	I.BLK	PP074404.D	14 Aug 2025 20:21		YP\AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB169224

SOP ID:	M3510C,3580A-Extraction PCB-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	08/12/2025
Matrix :	Water			**Extraction Start Time :**	09:25
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	08/12/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:00
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**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	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2632
Hexane	N/A	E3962
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721, Q2821-09 used Limited volume as sample is Oily, Q2814 samples Extract out of Holding Time.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ext Lab)	R. Patel/RLB
14:05	**Preparation Group**	**Analysis Group**

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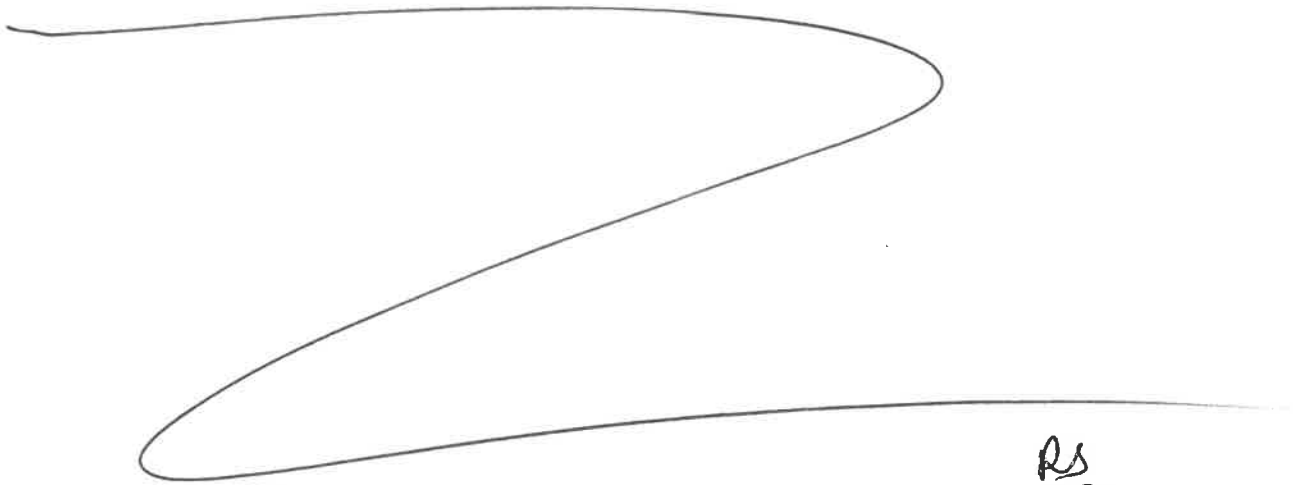
EXTRACTION LOGPAGE

PrepBatch ID : PB169224

Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169224BL	ABLK224	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB169224BS	ALCS224	PCB	1000	6	RUPESH	ritesh	10			2
PB169224BSD	ALCSD224	PCB	1000	6	RUPESH	ritesh	10			3
Q2814-01	TW-84SB-E	PCB	1000	6	RUPESH	ritesh	10	E		4
Q2814-03	TW-17M-W	PCB	990	6	RUPESH	ritesh	10	E	Muddy	5
Q2814-16	FB	PCB	500	6	RUPESH	ritesh	5	E		6
Q2814-17	TW-518R-S	PCB	1000	6	RUPESH	ritesh	10	E	Muddy	7
Q2815-01	TW-705R-S	PCB	990	6	RUPESH	ritesh	10	G	Muddy	8
Q2815-11	TW-22M-W	PCB	1000	6	RUPESH	ritesh	10	G	Muddy	9
Q2815-21	TW-11M-E	PCB	870	6	RUPESH	ritesh	10	D	Muddy	10
Q2815-23	TW-11M-N	PCB	1000	6	RUPESH	ritesh	10	D		11
Q2815-26	FB	PCB	930	6	RUPESH	ritesh	10	E		12
Q2821-05	GW-COMP	PCB	990	6	RUPESH	ritesh	10	E		13
Q2821-08	DM-COMP	PCB	990	6	RUPESH	ritesh	10	E		14
Q2821-09	50668	PCB	100	6	RUPESH	ritesh	10	C	Oily	15
Q2822-01	NWB-2185	PCB	1000	6	RUPESH	ritesh	10	C		16



RS
8/12

* **Extracts relinquished on the same date as received.**

169224
9:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2821 **WorkList ID :** 191237 **Department :** Extraction **Date :** 08-12-2025 09:20:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2814-01	TW-84SB-E	Water	PCB	Cool 4 deg C	FIRS02	D41	08/05/2025	8082A
Q2814-03	TW-17M-W	Water	PCB	Cool 4 deg C	FIRS02	D41	08/05/2025	8082A
Q2814-16	FB	Water	PCB	Cool 4 deg C	FIRS02	D41	08/04/2025	8082A
Q2814-17	TW-518R-S	Water	PCB	Cool 4 deg C	FIRS02	D41	08/05/2025	8082A
Q2815-01	TW-705R-S	Water	PCB	Cool 4 deg C	FIRS02	D41	08/06/2025	8082A
Q2815-11	TW-22M-W	Water	PCB	Cool 4 deg C	FIRS02	D41	08/08/2025	8082A
Q2815-21	TW-11M-E	Water	PCB	Cool 4 deg C	FIRS02	D41	08/08/2025	8082A
Q2815-23	TW-11M-N	Water	PCB	Cool 4 deg C	FIRS02	D41	08/08/2025	8082A
Q2815-26	FB	Water	PCB	Cool 4 deg C	FIRS02	D41	08/08/2025	8082A
Q2821-05	GW-COMP	Water	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2821-08	DM-COMP	Water	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2821-09	50668	Water	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2822-01	NWB-2185	Water	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A

Date/Time 8/12/25 9:20
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by:

Date/Time 8/12/25 10:05
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q2814

Test : PCB

Prepbatch ID : PB169224,

Sequence ID/Qc Batch ID: po081325,PO081425,pp081325,PP081425,

Standard ID :

EP2610,EP2632,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,PP24650,PP24663,

Chemical ID :

E3804,E3875,E3877,E3940,E3944,E3954,E3962,M6157,P11522,P12699,P12702,P12931,P12936,P12949,P12950,P12957,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13786,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	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2632	08/11/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 08/11/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	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

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

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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	PP24650	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 0.50000ml of P12950 + 99.50000ml of E3940 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	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 #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3940

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

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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	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

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)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

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	12/16/2025	06/16/2025 / Abdul	12/20/2023 / Yogesh	P12950

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	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

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

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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	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

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	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

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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

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

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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

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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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375)**	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

E 3875

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.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 6/11/25

E3940

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
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	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M615 MB

avantor | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	<1 ppm
ACS - Substances Reducing Permanganate(as SO2)	<= 2 ppm	<2 ppm
Ammonium (NH_4)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO_3)	<= 0.2 ppm	0.1 ppm
Phosphate (PO_4)	<= 0.5 ppm	<0.1 ppm
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities - Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities - Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities - Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities - Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities - Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities - Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities - Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities - Silver (Ag)	<= 1.0 ppb	<1.0 ppb

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

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www.absolutestandards.com

Certified Refere

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(
Aceton

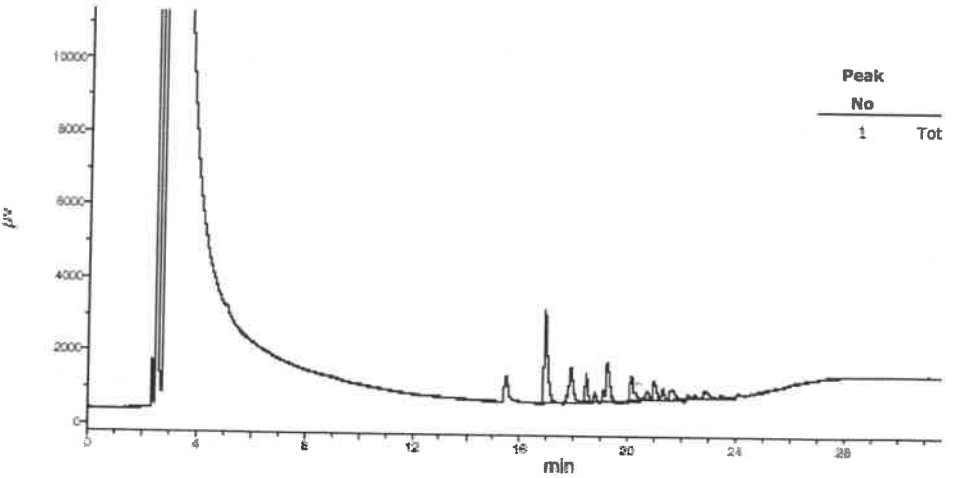
Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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Bellefonte, PA 16823-8812
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.)

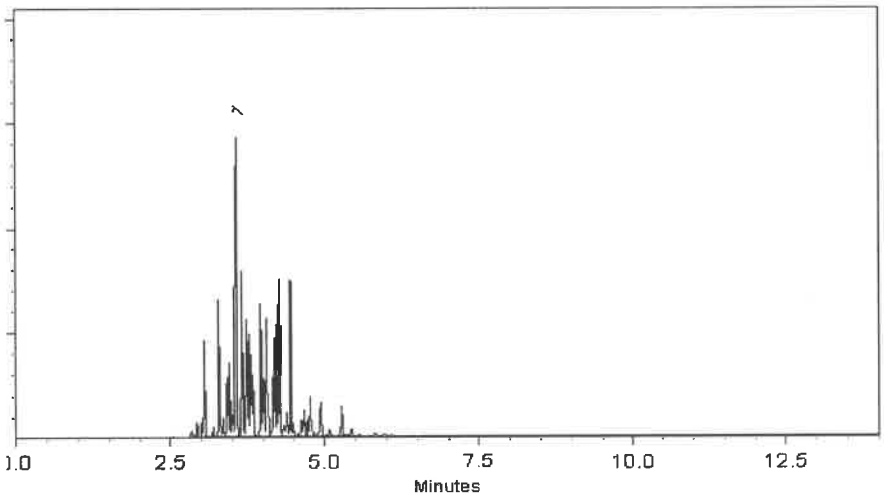
Inj. Temp:
250°C

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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933
↓
P12937
AJ
12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

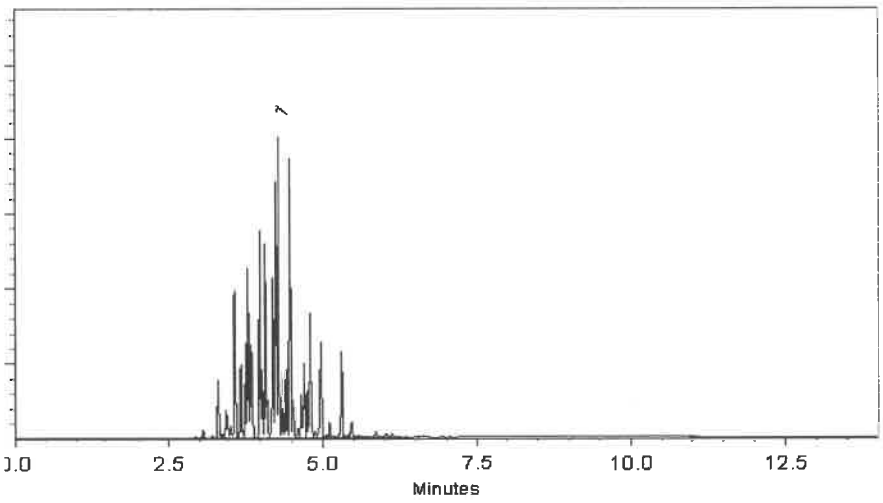
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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Certified Reference Material CRM

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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

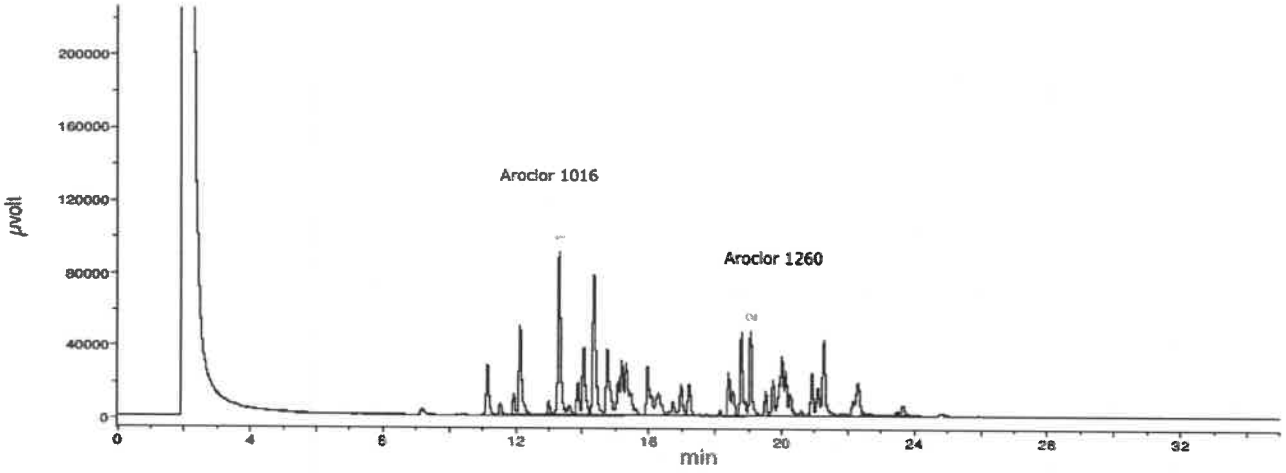
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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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

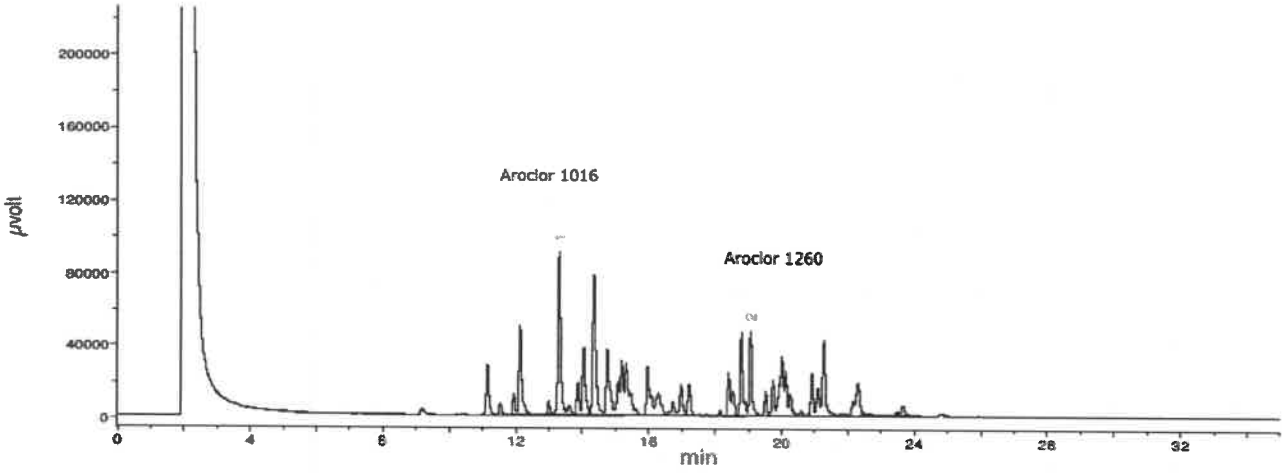
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

Note: Aroclor 1254 is a mix of isomers.

Formulated By:	Anthony Mahoney	121823 DATE
Reviewed By:	Pedro L. Rentas	121823 DATE

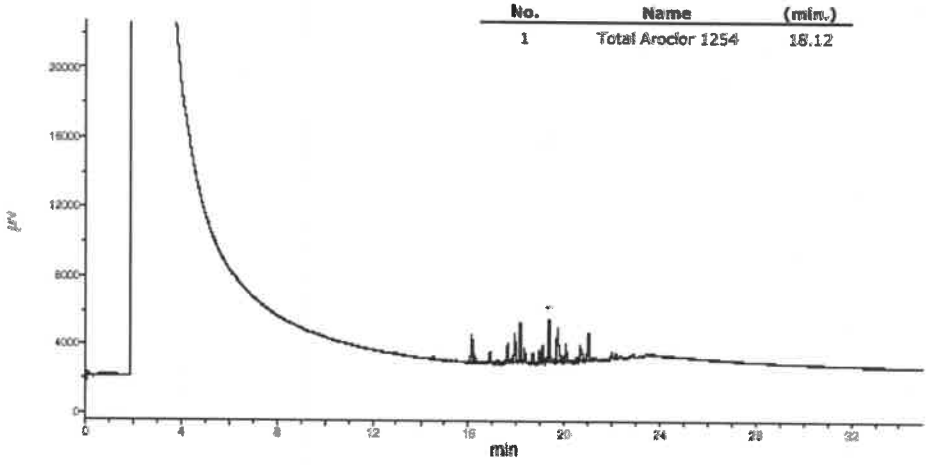
P12956 & P12957 Y.P. 12/20/23

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

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → P13357 (10)

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.)

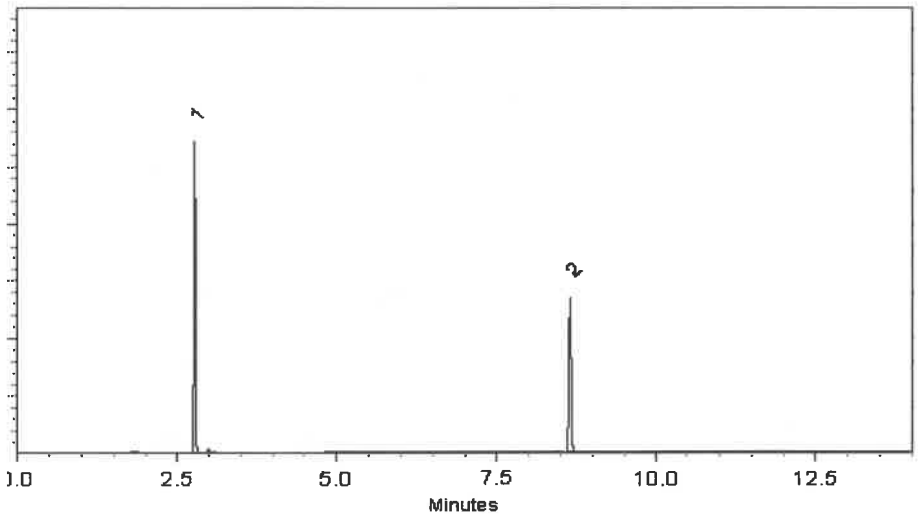
Inj. Temp:
250°C

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)

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P13357

04/25/2025

Agilent

Trusted Answers

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

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

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Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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 13380 (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.)

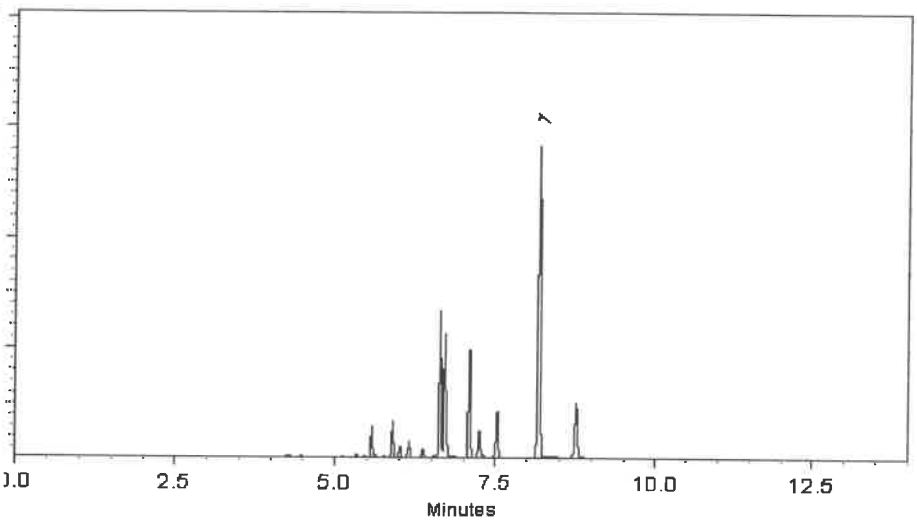
Inj. Temp:
250°C

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

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 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
↓
P13590

AJ
10/14/24

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

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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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CERTIFIED REFERENCE MATERIAL

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Certificate #3222.01

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.)

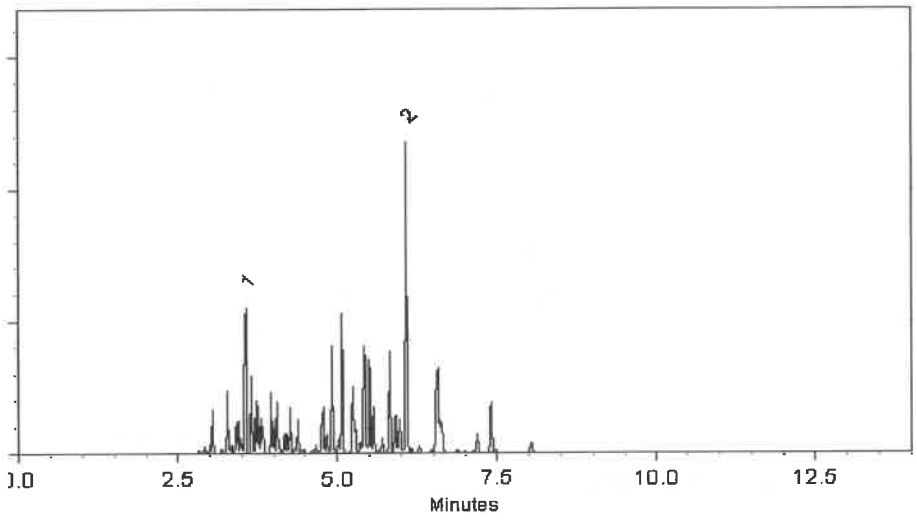
Inj. Temp:
250°C

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

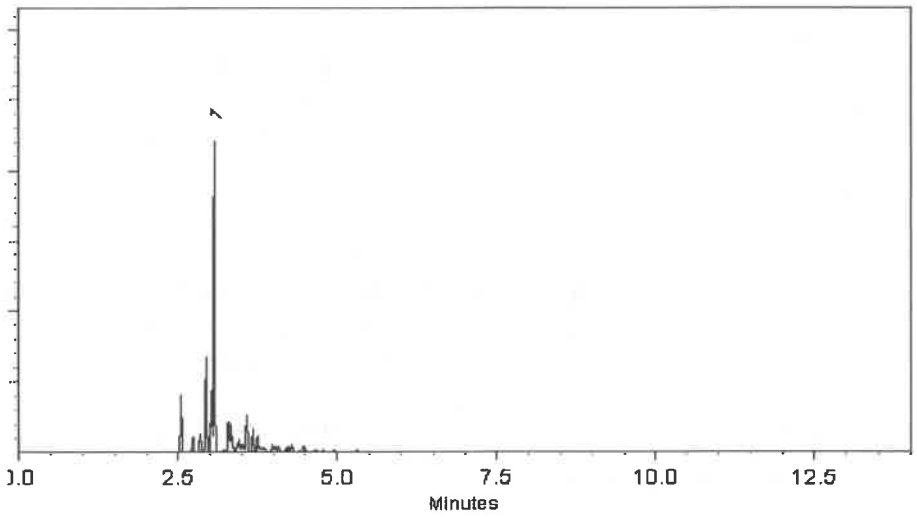
Inj. Temp:
250°C

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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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. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785 ↓ P19789 AJ 11/19/24

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%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

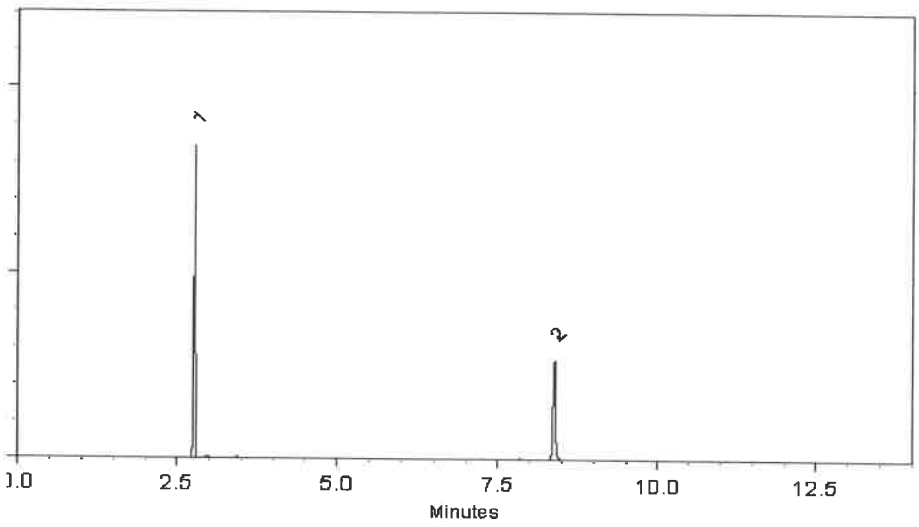
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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.

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.)

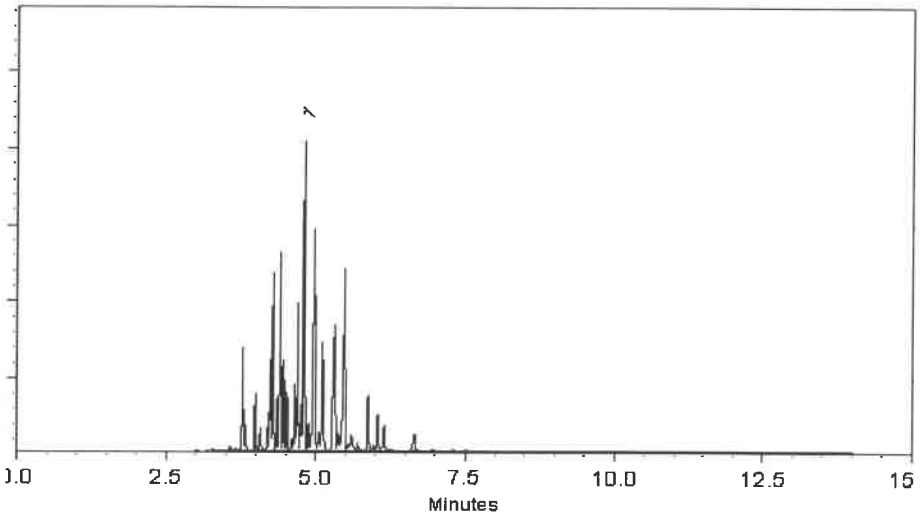
Inj. Temp:
250°C

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

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. : 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.)

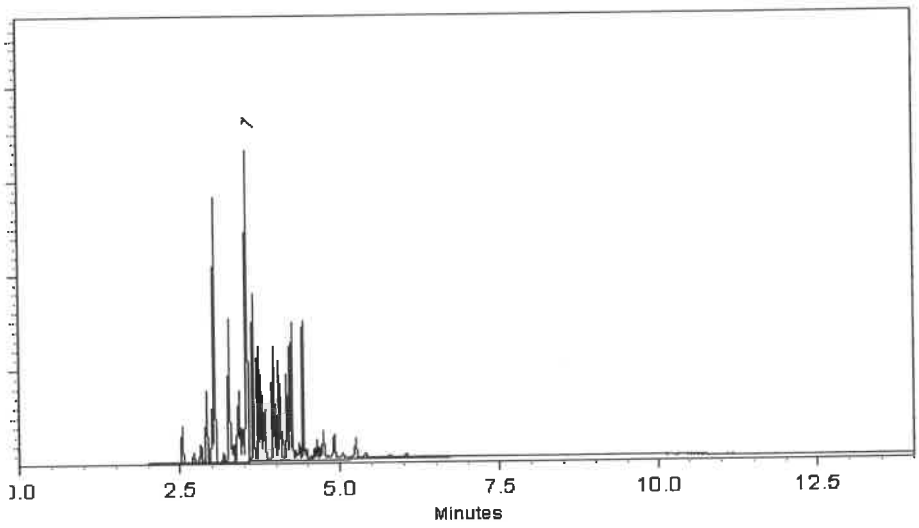
Inj. Temp:
250°C

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

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.

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.)

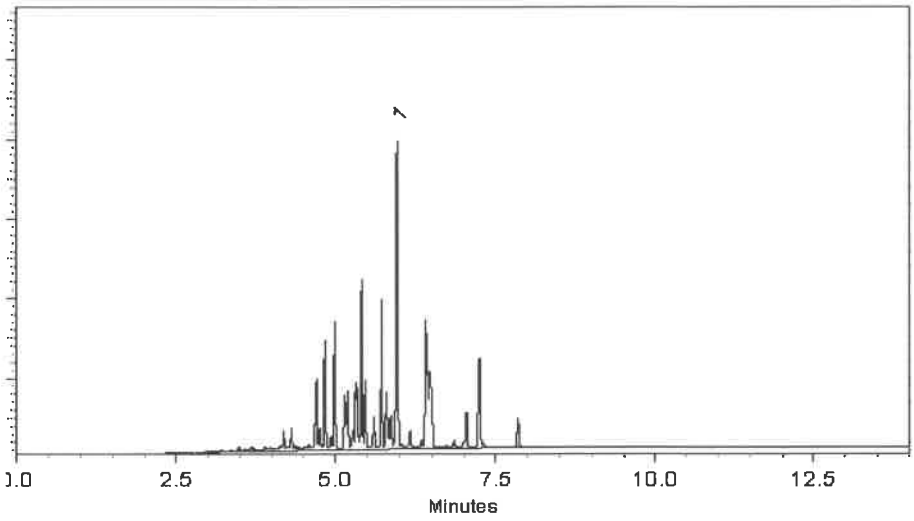
Inj. Temp:
250°C

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
For Organic Residue Analysis

avantor™ | J.T.Baker®

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

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2814
COC Number 2045325

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: First Environment Inc
ADDRESS: 10 Park Place
CITY Butler STATE: NJ ZIP: 07405
ATTENTION: Al Smith
PHONE: 973-334-0003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: USACE FUDP
PROJECT NO.: USACE 018-44 LOCATION: Long Island
PROJECT MANAGER: Al Smith
e-mail: AlSmith@FirstEnvironment
PHONE: 973-334-0003 FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☒ EDD FORMAT _____

ANALYSIS

1: VOC 2: SVOC 3: Metals 4: Pest 5: PCB 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TW-84SB-G	GW		X	8/5/25	01:52	3	2	1		1	1					
2.	TW-17M-N	GW		X	8/5/25	05:17	3	2	1								
3.	TW-17M-W	GW		X	8/5/25	04:51	8	2	3	3							
4.	TW-82H-N	GW		X	8/6/25	02:00	3	2	1								
5.	TW-82H-E	GW		X	8/6/25	12:30	3	2	1								
6.	TW-82H-S	GW		X	8/6/25	01:00	3	2	1								
7.	TW-82H-W	GW		X	8/6/25	01:15	3	2	1								
8.	TW-38M-E	GW		X	8/6/25	10:49	3	2	1								
9.	TW-38M-W	GW		X	8/6/25	11:33	3	2	1								
10.	TW-38M-N	GW		X	8/6/25	22:10	3	2	1								

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. GMC	8/8/25 6:01	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.6°C °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

4

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2814
COC Number 2045326

CLIENT INFORMATION (REPORT TO BE SENT TO:)
COMPANY:
ADDRESS:
CITY STATE: ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION
BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION
❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS
1: VOC 2: SVOC 3. Metals 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TW-38M-S	GW		X	8/4/25	0946	3	2	1								
2.	TW-BP-S	GW		X	8/4/25	1810	3	2	1								
3.	TW-BP-N	GW		X	8/4/25	1810	3	2	1								
4.	TW-BP-E	GW		X	8/4/25	1735	3	2	1								
5.	TW-BP-W	GW		X	8/4/25	1640	3	2	1								
6.	FB	GW		X	8/4/25	1810	3	2	1								
7.	TW-518R-S	GW		X	8/5/25	1027	3	2	1								
8.	TW-518R-N	GW		X	8/5/25	1037	3	2	1								
9.	TW-518R-E	GW		X	8/5/25	1047	3	2	1								
10.	TW-518R-W	GW		X	8/5/25	1057	3	2	1								

PRESERVATIVES — ← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. GMC	6:01	1. 8-8-25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT COOLER TEMP 5.9 °C
Comments:

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other _____

Shipment Complete ❑ YES ❑ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Yazmeen Gomez
Sent: Monday, August 11, 2025 2:55 PM
To: 'Daniel Ligon'
Cc: 'Alfred Smith'; Jordan Hedvat
Subject: RE: Bottleware Order - USACE018-44
Attachments: q2815.pdf; q2814.pdf

Good afternoon,

A few things -

- Below mentions Filtered and Unfiltered for 8 GW samples, however, we only received three unpreserved metals bottles - TW-84SB-E, TW-17M-W, and TW-11M-W.
- 8 samples not listed on the COC were received – TW-17M-E, TW-17M-S, TW-84SB-S, TW-84SB-W, TW-11M-W, TW-11M-E, TW-11M-S, TW-11M-N.
- PCB and PESTICIDE are not mentioned the GW COC's however, I went off the below request and do have PEST and PCB logged for some of the samples.
- Once I sign off the login summaries will be sent to you – please confirm everything looks good, or if anything needs to be updated.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Friday, August 1, 2025 11:03 AM
To: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Daniel Ligon <DLigon@firstenvironment.com>
Cc: Alfred Smith <asmith@firstenvironment.com>
Subject: RE: Bottleware Order - USACE018-44

Hi Daniel,

Bottle order delivery for today confirmed.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Friday, August 1, 2025 8:14 AM
To: Daniel Ligon <DLigon@firstenvironment.com>
Cc: Alfred Smith <asmith@firstenvironment.com>; Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: Re: Bottleware Order - USACE018-44

Hi Daniel,

We will process the bottle order for delivery. Do you need TeraCore or Encores for VOC soil? If not we will provide jars for those tests as well. Please reach out if we can help with anything else.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Daniel Ligon <DLigon@firstenvironment.com>
Sent: Thursday, July 31, 2025 4:53 PM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Cc: Alfred Smith <asmith@firstenvironment.com>
Subject: Bottleware Order - USACE018-44

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Hi Jordan – I have a bottleware order for some sampling we have next week in Long Island, NY. We'd like to have this delivered tomorrow if possible – sorry for the late email. First thing Monday morning would work as well for delivery to our office in Butler. See the following for # of samples we need with the parameters:

- 48x soil VOCs via EPA Method 8260
- 48x soil SVOCs via EPA Method 8270

- 8x soil Pesticides/PCBs via EPA Methods 8081/8082
- 8x soil TAL Metals (filtered and unfiltered)
- 48x groundwater VOCs via EPA Method 8260
- 48x groundwater SVOCs via EPA Method 8270
- 8x groundwater Pesticides/PCBs via EPA Methods 8081/8082
- 8x groundwater TAL Metals (filtered and unfiltered)
- 3 soil, 3 groundwater field duplicates
- 6 field blanks
- Trip blanks in every cooler

Let me know if this can be accommodated. Thanks!

Daniel Ligon
Environmental Specialist

First Environment, Inc.
10 Park Place, Bldg 1A, Suite 504
Butler, NJ 07405
Ph: 973-334-0003 ext. 224
Cell: 973-873-8515
DLigon@firstenvironment.com
www.firstenvironment.com

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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
Q2814-01	TW-84SB-E	Water	08/05/2025	~~01:52~~ 01:32	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-02	TW-17M-N	Water	08/05/2025	05:17	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-03	TW-17M-W	Water	08/05/2025	04:51	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-04	TW-82H-N	Water	08/06/2025	02:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-05	TW-82H-E	Water	08/06/2025	12:30	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-06	TW-82H-S	Water	08/06/2025	01:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-07	TW-82H-W	Water	08/06/2025	01:15	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-08	TW-38M-E	Water	08/06/2025	10:49					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-09	TW-38M-W	Water	08/06/2025	10:33						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-10	TW-38M-N	Water	08/06/2025	~~12:10~~ 10:10						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-11	TW-38M-S	Water	08/06/2025	09:46						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-12	TW-BP-S	Water	08/04/2025	18:10						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-13	TW-BP-N	Water	08/04/2025	18:10						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-14	TW-BP-E	Water	08/04/2025	17:35						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2814-15	TW-BP-W	Water	08/04/2025	16:40						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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
Q2814-16	FB	Water	08/04/2025	18:10					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-17	~~TW518R-S~~ TW-518R-S	Water	08/05/2025	10:27					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-18	TW-518R-N	Water	08/05/2025	10:37					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-19	TW-518R-E	Water	08/05/2025	10:47					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-20	TW-518R-W	Water	08/05/2025	10:57					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-21	TB	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

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

DP 08/16/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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

stored in WA
Ref # 04

Relinguished By :
Date / Time : 8/11/25 11:56

Received By :
Date / Time : 8/11/25 12:05 pm

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:27
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: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 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...	3.670	3.662	207.9E6	127.8E6	24.188	24.425
2)	SA Decachlor...	8.693	8.639	191.8E6	47304642	25.044	25.765
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	69875317	44959652	245.828	253.500
4)	L1 AR-1016-2	4.774	4.756	105.2E6	68066920	246.833	255.376
5)	L1 AR-1016-3	4.831	4.931	65721962	35251812	244.790	253.028
6)	L1 AR-1016-4	4.951	4.973	53435135	29674672	244.973	262.052
7)	L1 AR-1016-5	5.207	5.185	58842499	38084113	256.222	260.764
31)	L7 AR-1260-1	6.244	6.213	125.2E6	69330497	277.528	268.518
32)	L7 AR-1260-2	6.434	6.401	189.6E6	85155201	272.943	257.556
33)	L7 AR-1260-3	6.800	6.553	153.7E6	66184896	249.524	251.419
34)	L7 AR-1260-4	7.059	7.022	126.3E6	50234042	267.727	258.471
35)	L7 AR-1260-5	7.302	7.264	336.9E6	108.7E6	257.581	254.474

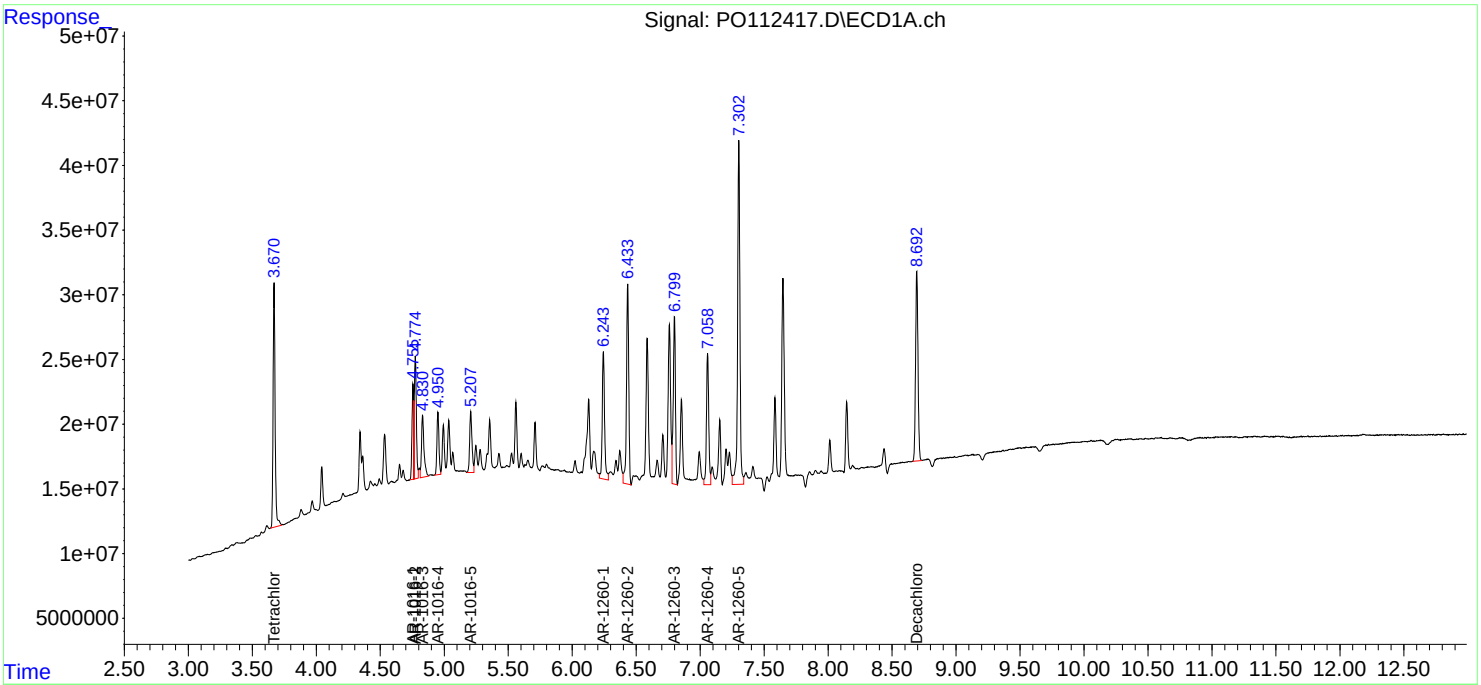
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

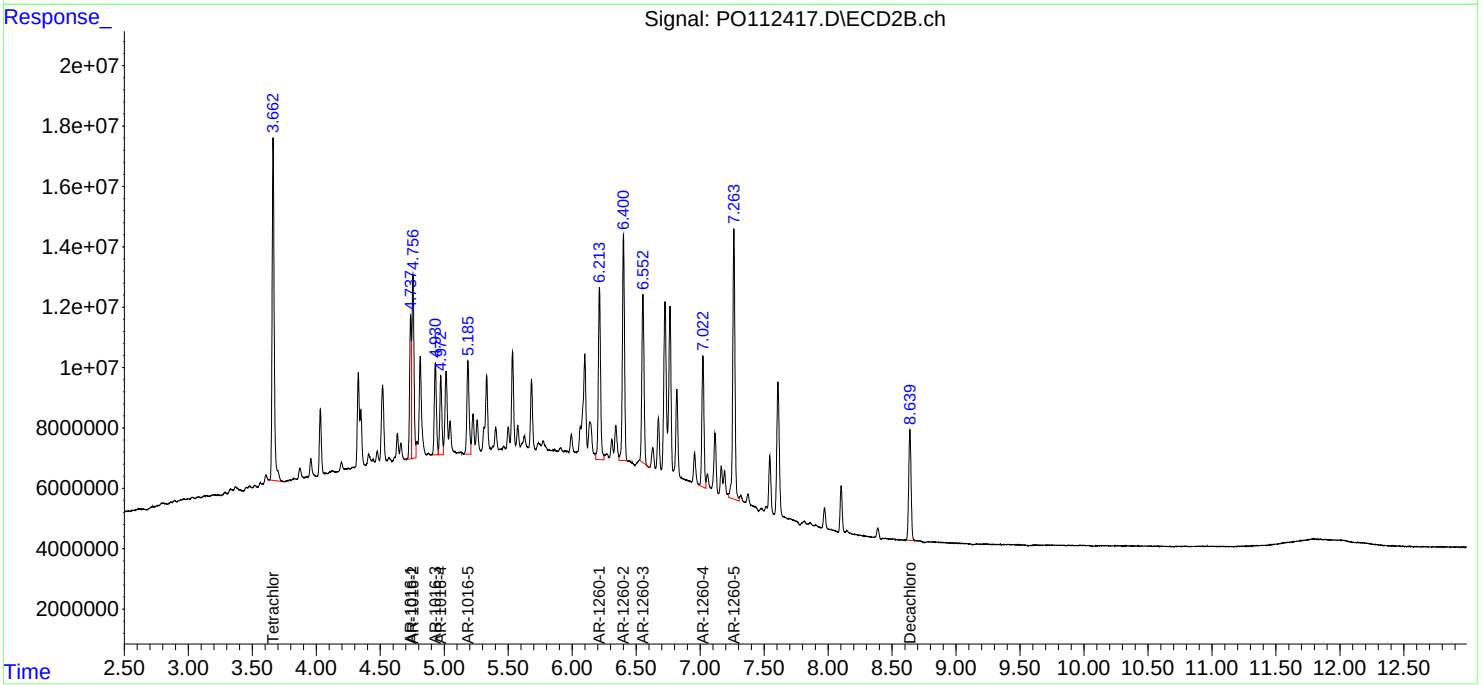
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:27
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

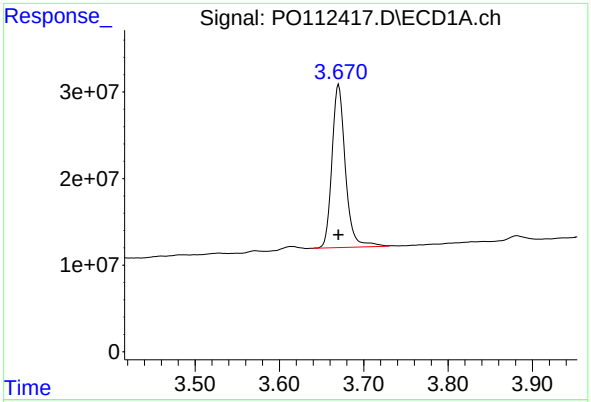
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 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



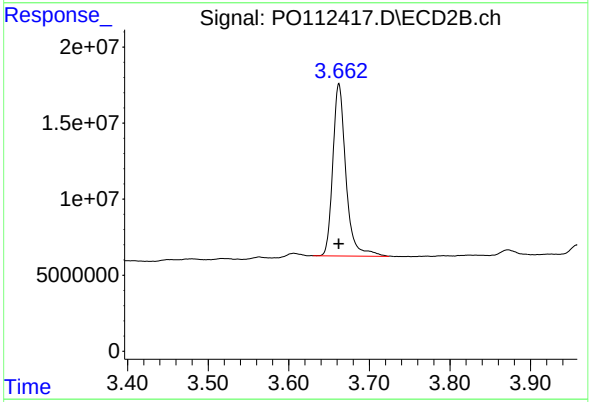




#1 Tetrachloro-m-xylene

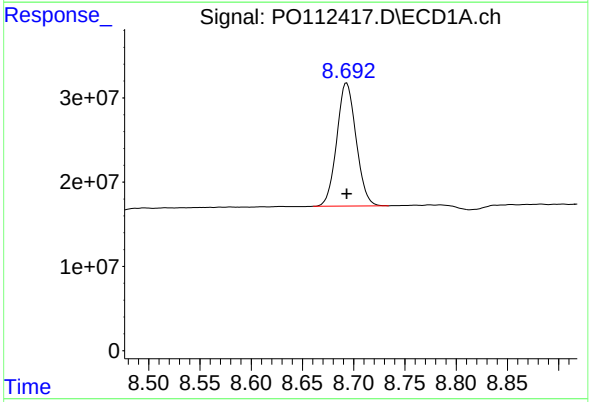
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 207865500
Conc: 24.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



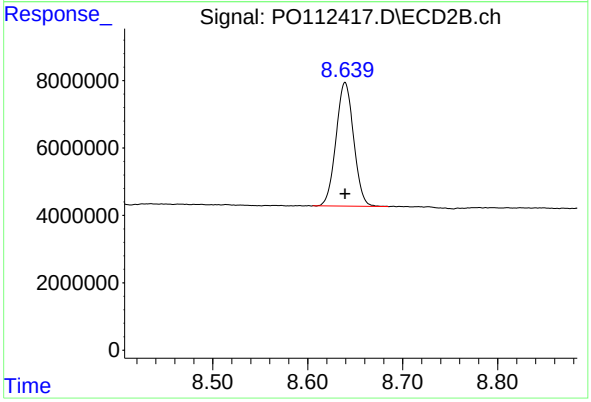
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 127780164
Conc: 24.42 ng/ml



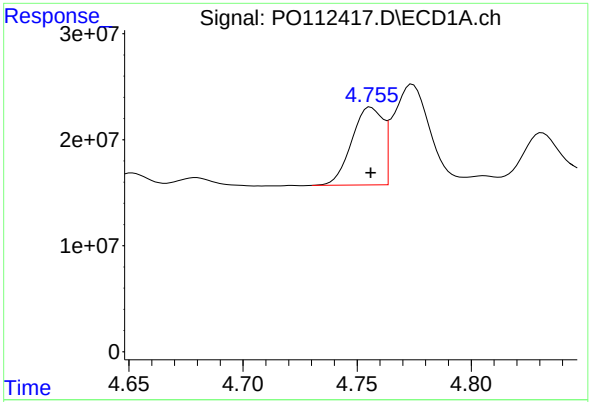
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 191806392
Conc: 25.04 ng/ml



#2 Decachlorobiphenyl

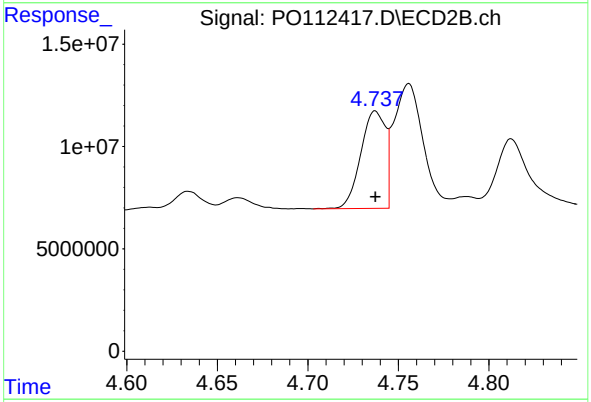
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 47304642
Conc: 25.76 ng/ml



#3 AR-1016-1

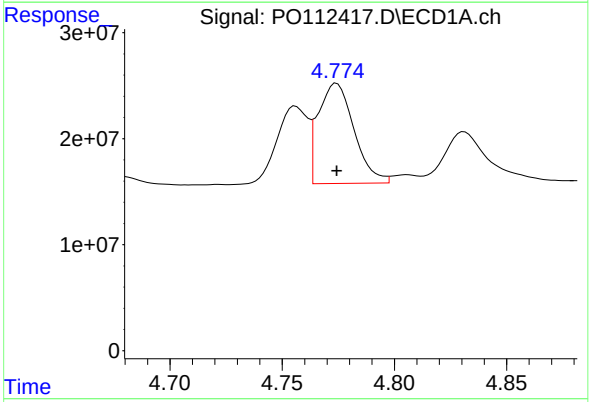
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 69875317
Conc: 245.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



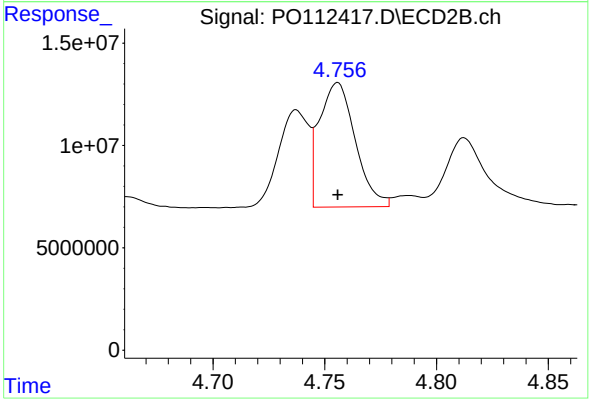
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 44959652
Conc: 253.50 ng/ml



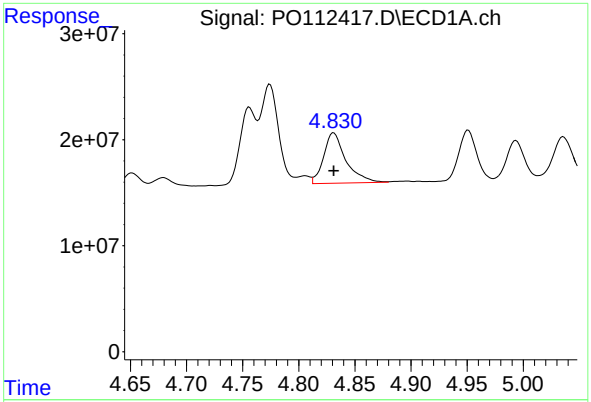
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 105176225
Conc: 246.83 ng/ml



#4 AR-1016-2

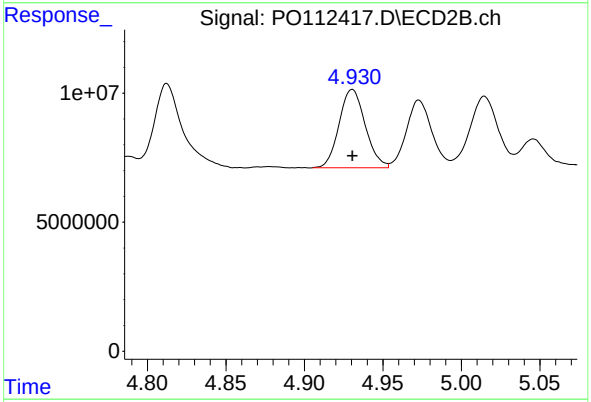
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 68066920
Conc: 255.38 ng/ml



#5 AR-1016-3

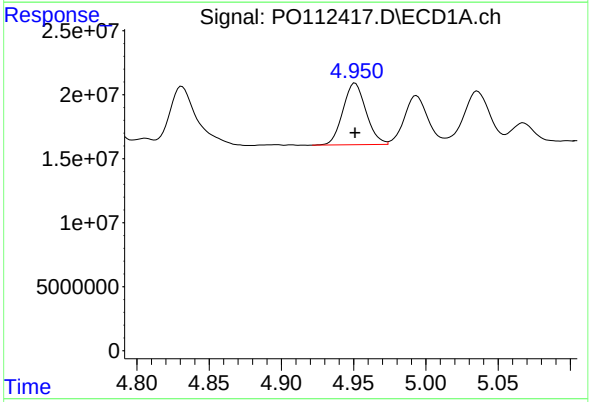
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 65721962
Conc: 244.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



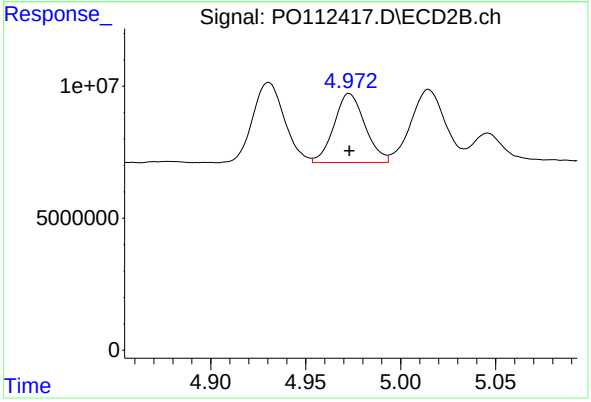
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 35251812
Conc: 253.03 ng/ml



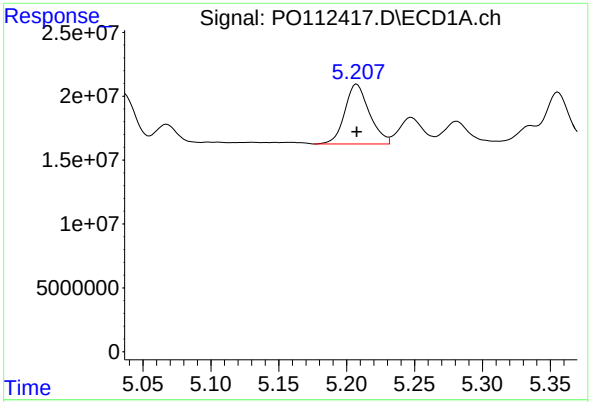
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 53435135
Conc: 244.97 ng/ml



#6 AR-1016-4

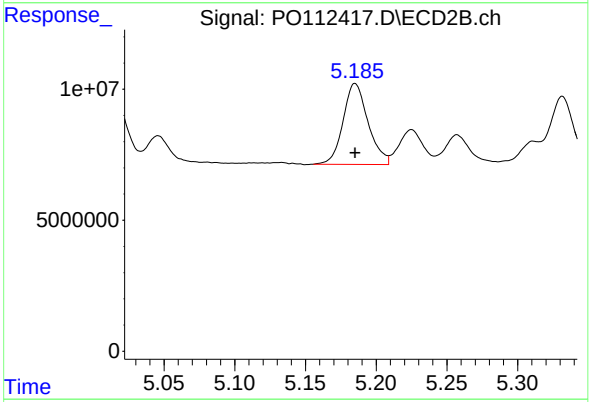
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 29674672
Conc: 262.05 ng/ml



#7 AR-1016-5

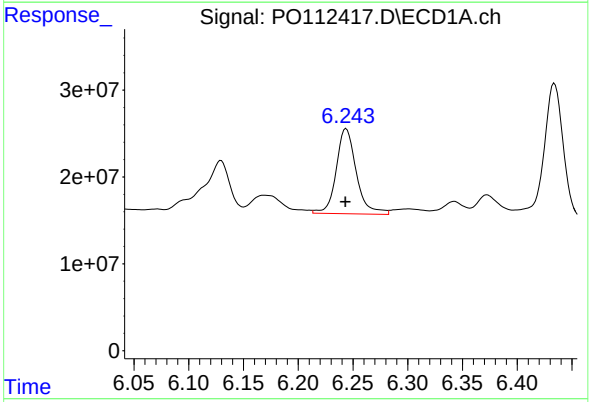
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 58842499
Conc: 256.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



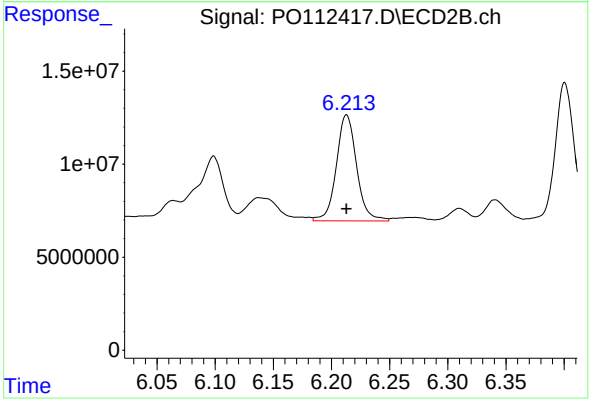
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 38084113
Conc: 260.76 ng/ml



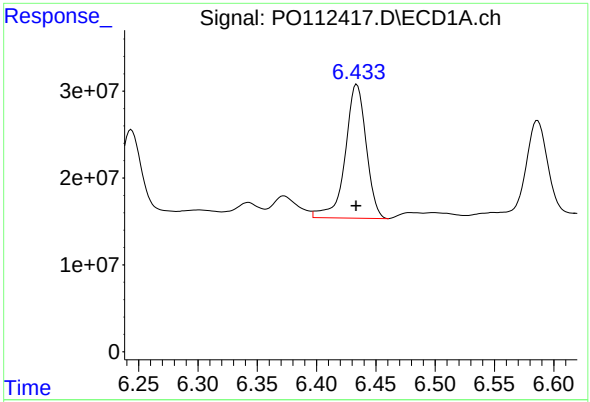
#31 AR-1260-1

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 125178335
Conc: 277.53 ng/ml



#31 AR-1260-1

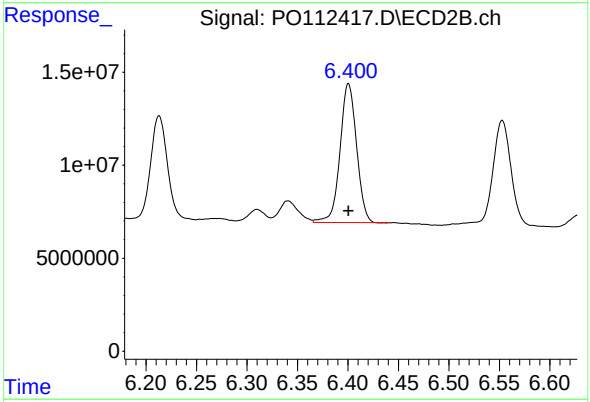
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 69330497
Conc: 268.52 ng/ml



#32 AR-1260-2

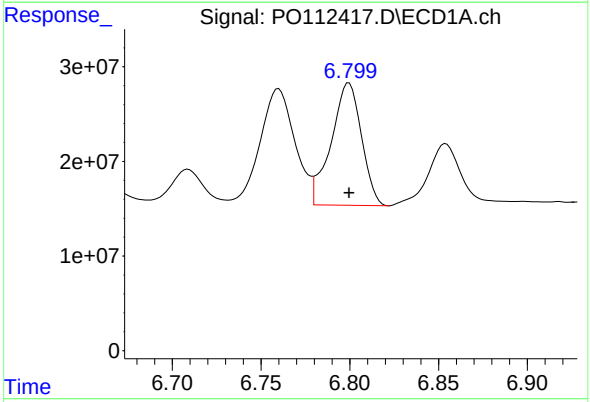
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 189593196
Conc: 272.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



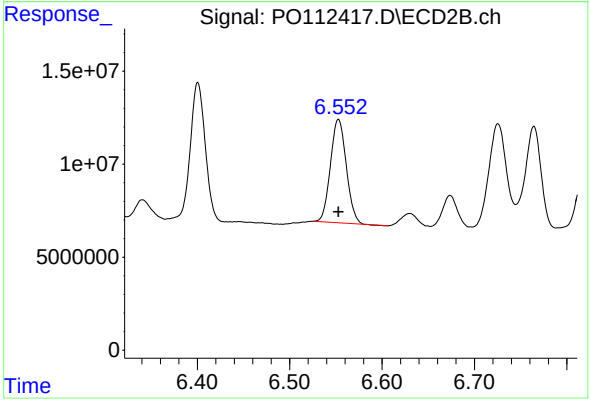
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 85155201
Conc: 257.56 ng/ml



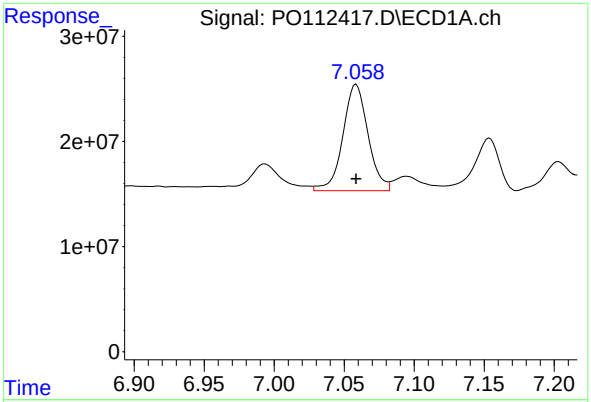
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 153678285
Conc: 249.52 ng/ml



#33 AR-1260-3

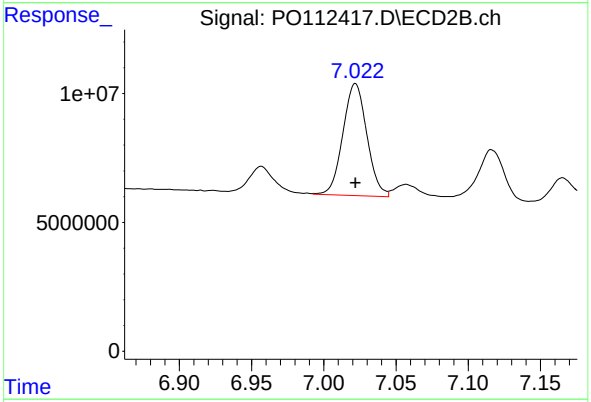
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 66184896
Conc: 251.42 ng/ml



#34 AR-1260-4

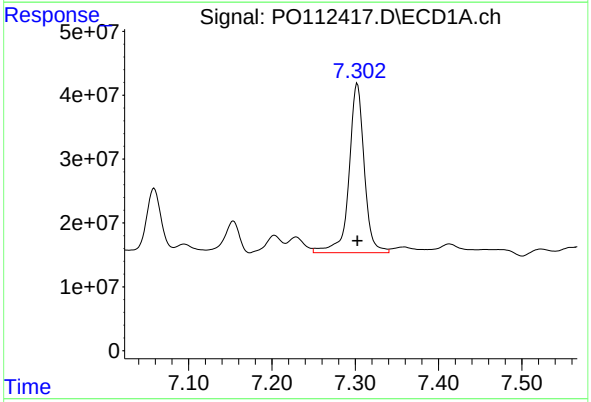
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 126280400
Conc: 267.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



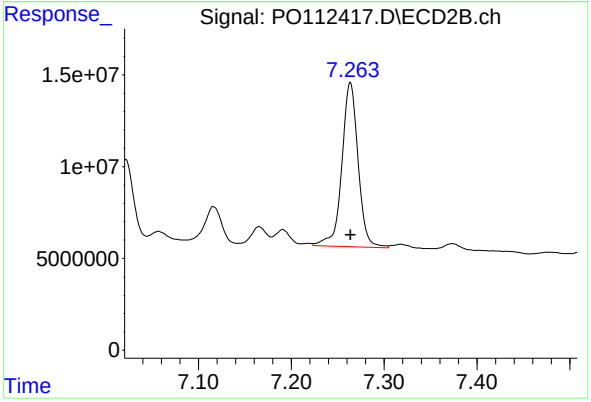
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 50234042
Conc: 258.47 ng/ml



#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 336866700
Conc: 257.58 ng/ml



#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 108703906
Conc: 254.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:45
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: Jul 23 13:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:01:00 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...	3.669	3.662	31417194	19597973	3.883	3.906
2)	SA Decachlor...	8.693	8.640	29621580	7457220	4.051	4.220
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	10242412	8280603	38.166	47.316
4)	L1 AR-1016-2	4.774	4.756	16308940	11816564	40.158	45.362
5)	L1 AR-1016-3	4.832	4.931	11721947	6127662	44.796	45.067
6)	L1 AR-1016-4	4.951	4.973	9335010	5123227	44.066	46.120
7)	L1 AR-1016-5	5.208	5.185	15148752	7917067	69.940	55.630
31)	L7 AR-1260-1	6.245	6.213	19551344	13747865	44.503	53.350
32)	L7 AR-1260-2	6.434	6.402	32919190	16247800	47.855	49.311
33)	L7 AR-1260-3	6.801	6.553	23827559	9733666	40.522	38.662
34)	L7 AR-1260-4	7.060	7.022	18415991	8957569	40.833	46.822
35)	L7 AR-1260-5	7.303	7.265	48222745	17614159	38.916	42.733
36)	L8 AR-1262-1	6.801	6.764	23827559	12127374	50.000	50.000
37)	L8 AR-1262-2	7.303	7.265	48222745	17614159	50.000	50.000
38)	L8 AR-1262-3	7.585	7.545	16287328	4284383	50.000	50.000
39)	L8 AR-1262-4	7.649	7.608	35754287	10013446	50.000	50.000
40)	L8 AR-1262-5	8.146	8.102	14312589	2665703	50.000	50.000
41)	L9 AR-1268-1	7.585	7.545	16287328	4284383	50.000	50.000
42)	L9 AR-1268-2	7.649	7.608	35754287	10013446	50.000	50.000
43)	L9 AR-1268-3	7.855	7.818	-141825	-8046	50.000	50.000
44)	L9 AR-1268-4	8.146	8.102	14312589	2665703	50.000	50.000
45)	L9 AR-1268-5	8.440	8.387	3715372	692132	50.000	50.000

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

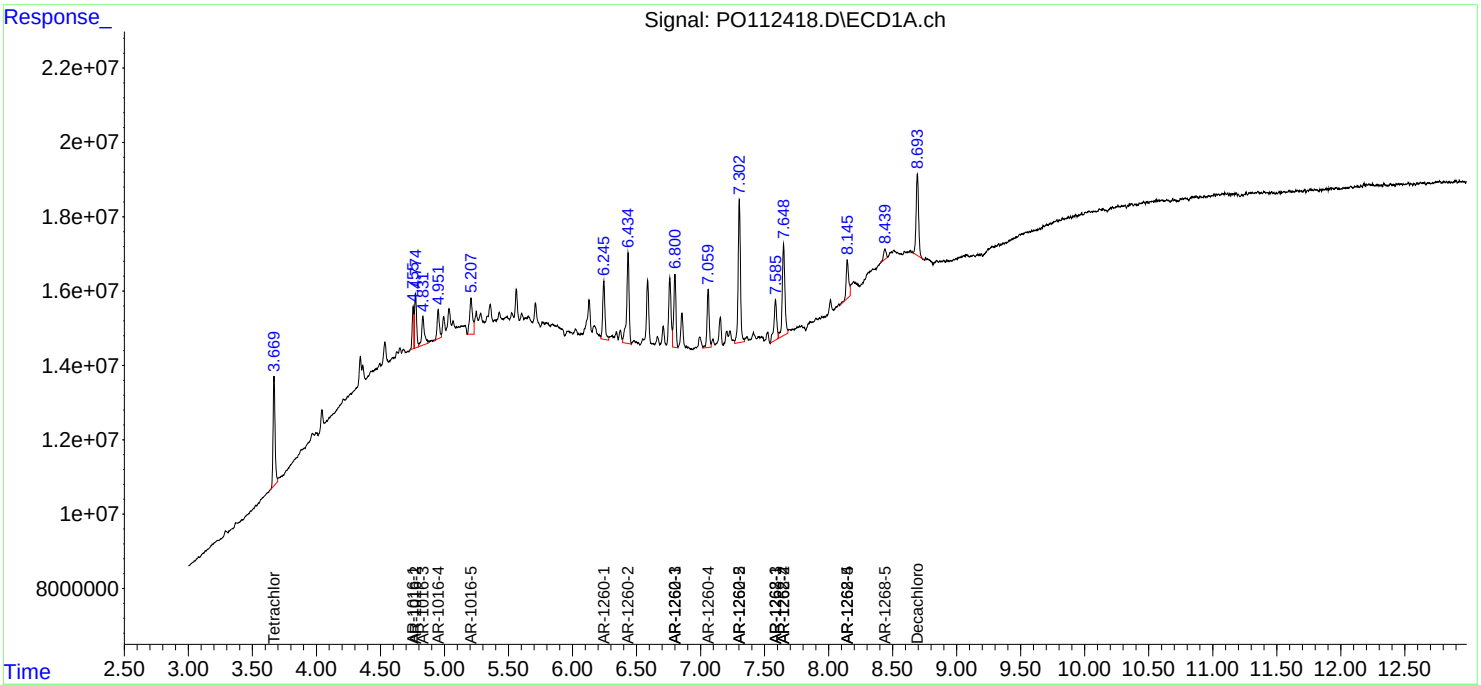
Quantitation Report (Not Reviewed)

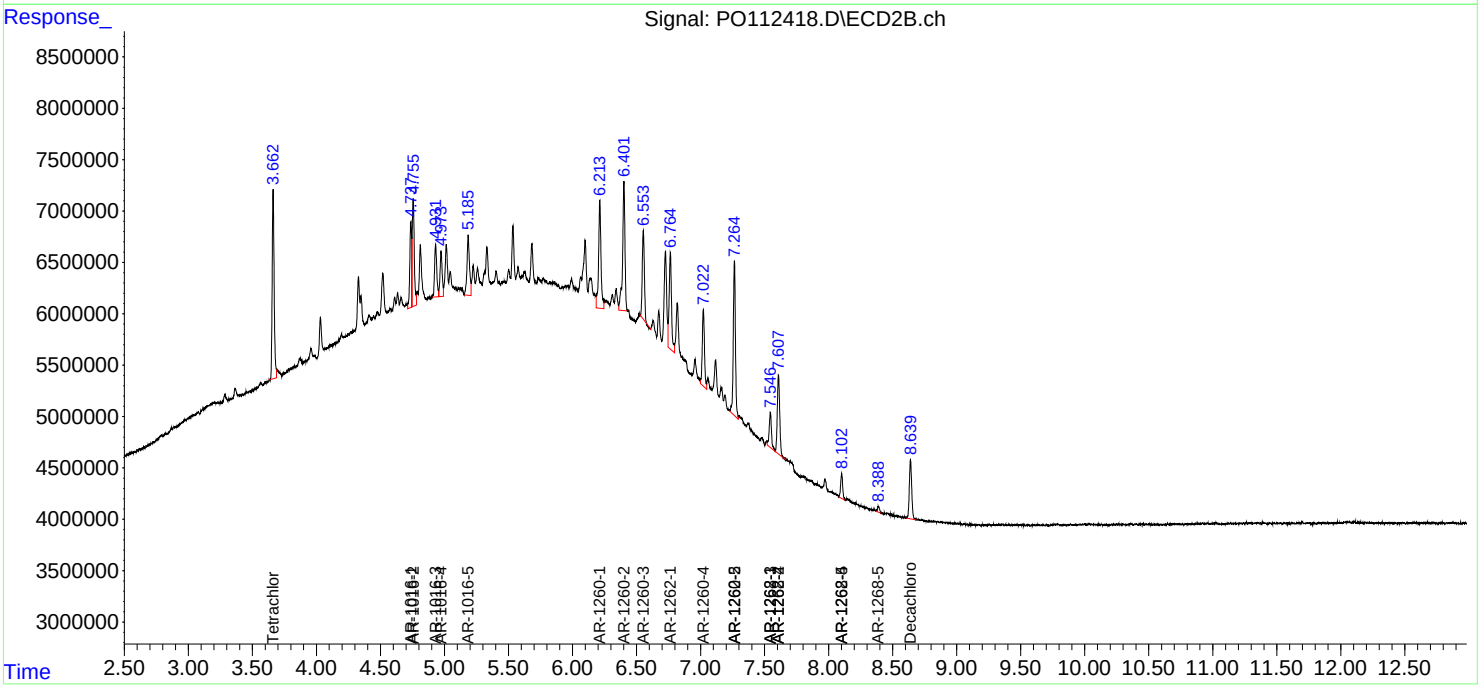
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:45
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

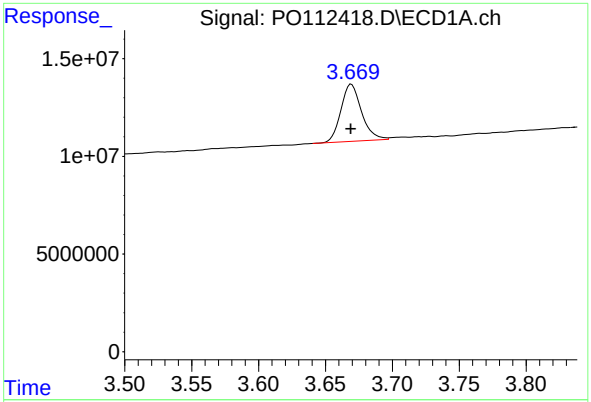
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 13:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:01:00 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



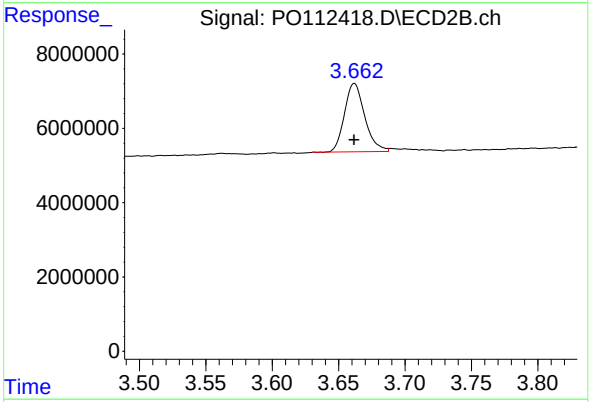




#1 Tetrachloro-m-xylene

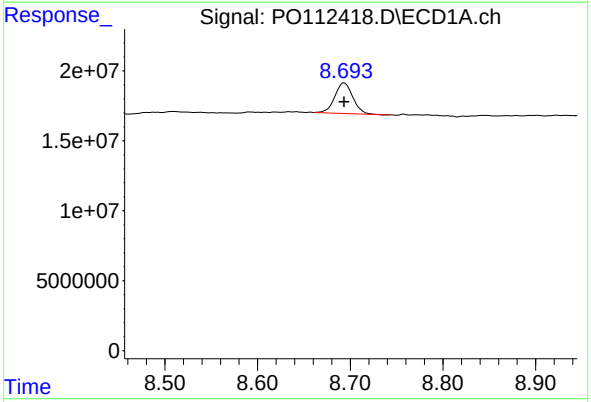
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 31417194
Conc: 3.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



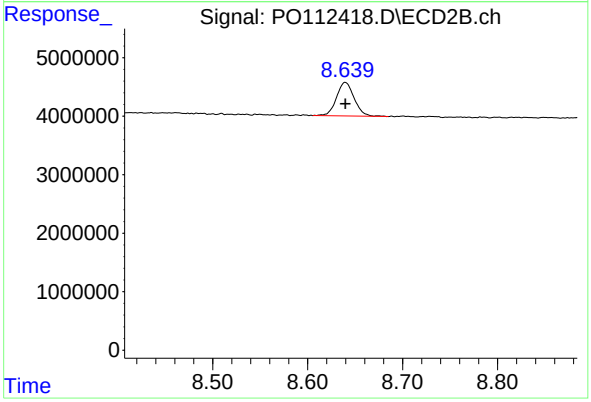
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 19597973
Conc: 3.91 ng/ml



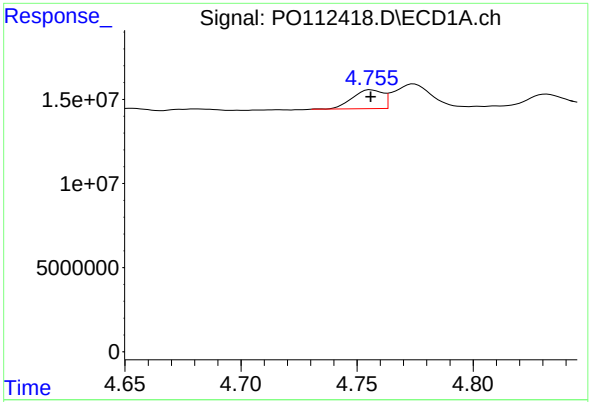
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 29621580
Conc: 4.05 ng/ml



#2 Decachlorobiphenyl

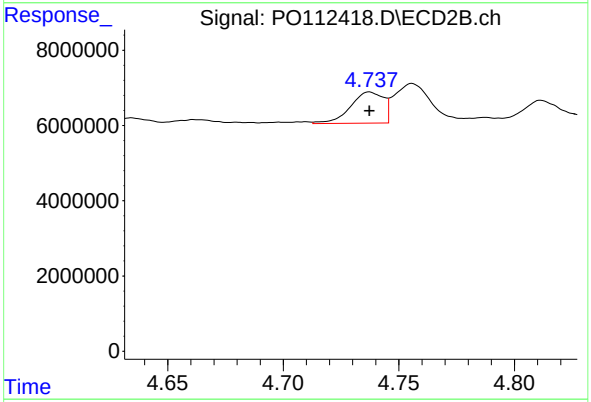
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7457220
Conc: 4.22 ng/ml



#3 AR-1016-1

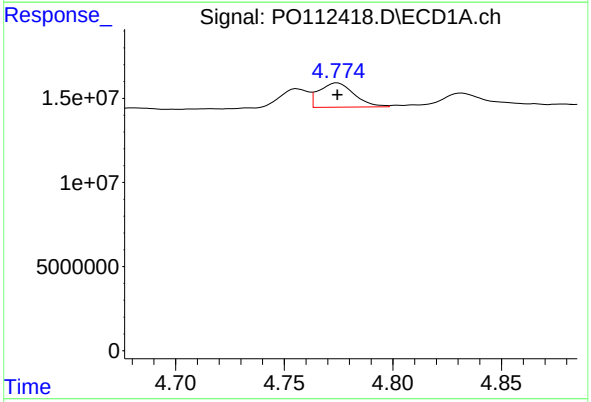
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10242412
Conc: 38.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



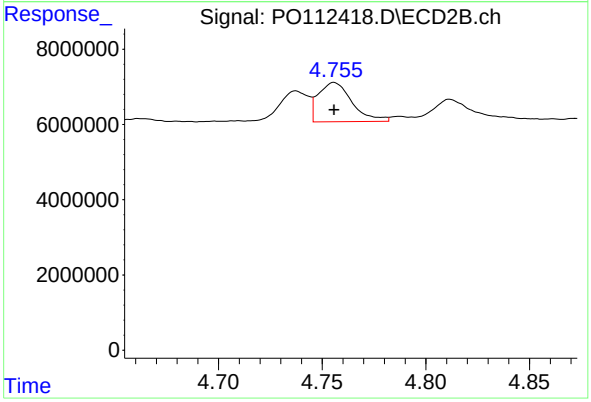
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 8280603
Conc: 47.32 ng/ml



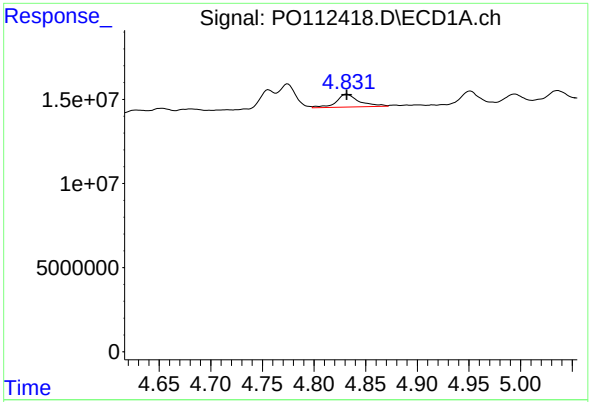
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 16308940
Conc: 40.16 ng/ml



#4 AR-1016-2

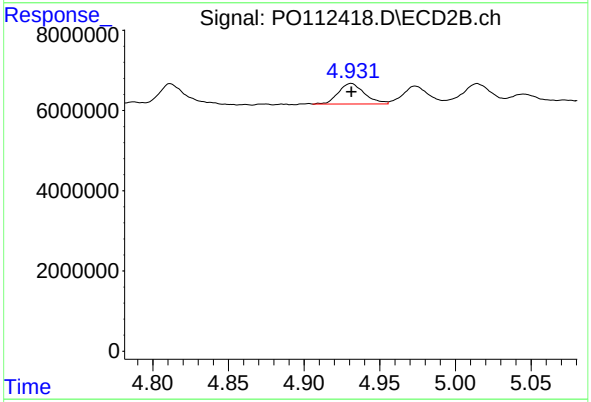
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 11816564
Conc: 45.36 ng/ml



#5 AR-1016-3

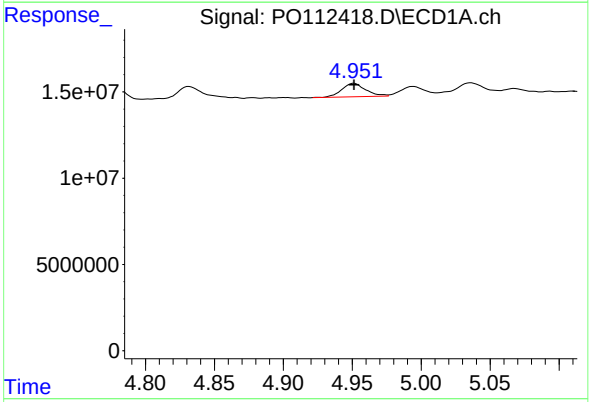
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 11721947
Conc: 44.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



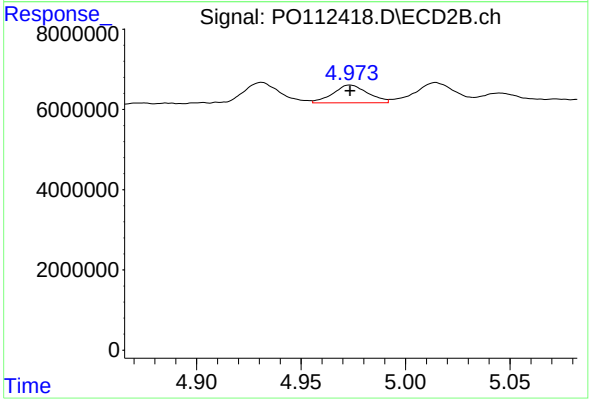
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 6127662
Conc: 45.07 ng/ml



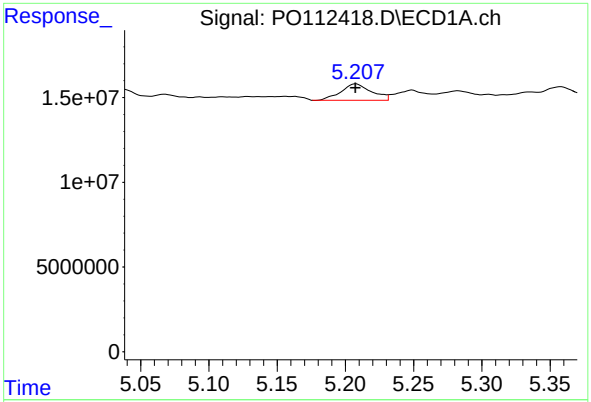
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 9335010
Conc: 44.07 ng/ml



#6 AR-1016-4

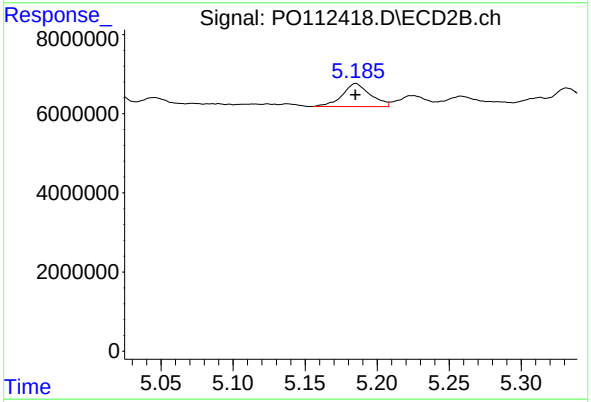
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 5123227
Conc: 46.12 ng/ml



#7 AR-1016-5

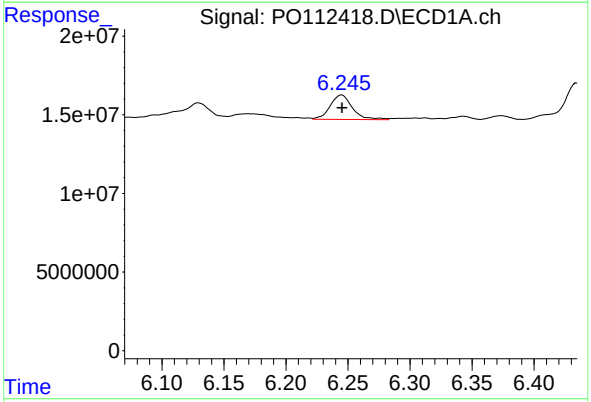
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 15148752
Conc: 69.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



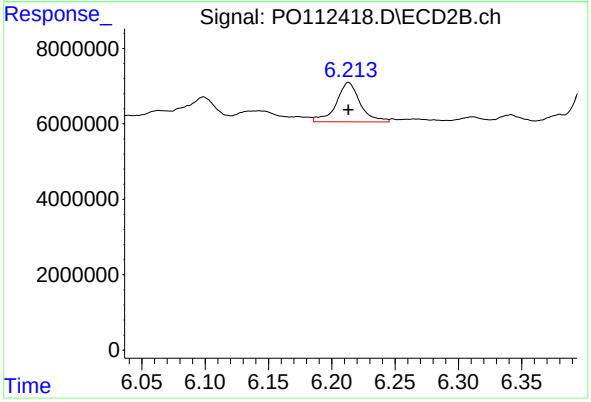
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 7917067
Conc: 55.63 ng/ml



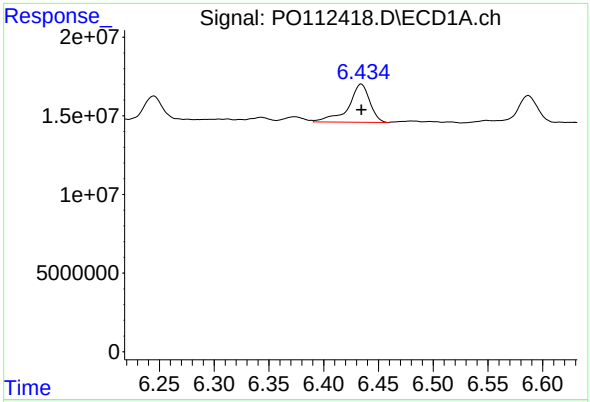
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 19551344
Conc: 44.50 ng/ml



#31 AR-1260-1

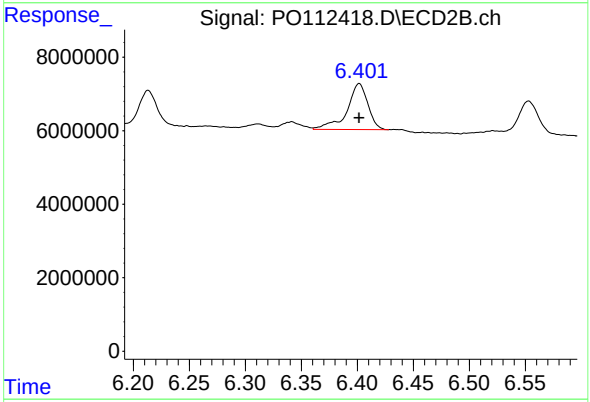
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 13747865
Conc: 53.35 ng/ml



#32 AR-1260-2

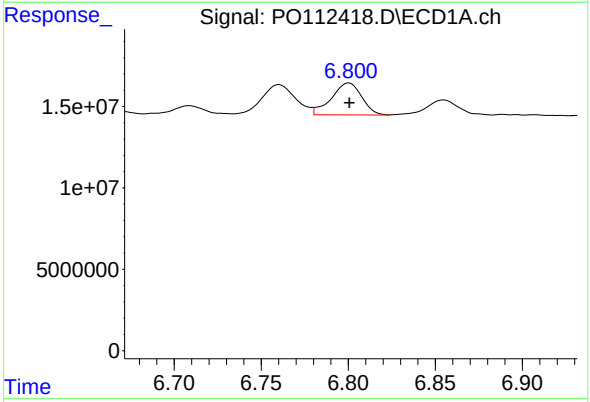
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 32919190
Conc: 47.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



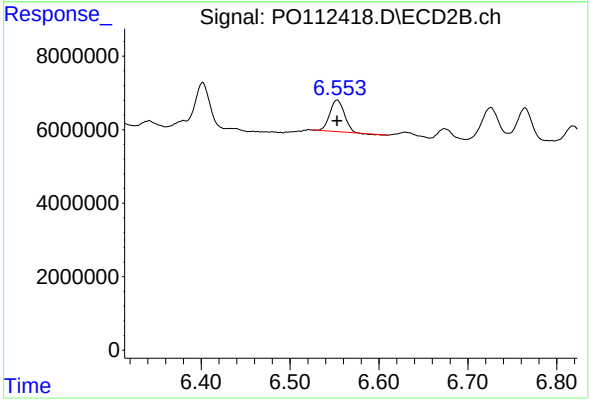
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 16247800
Conc: 49.31 ng/ml



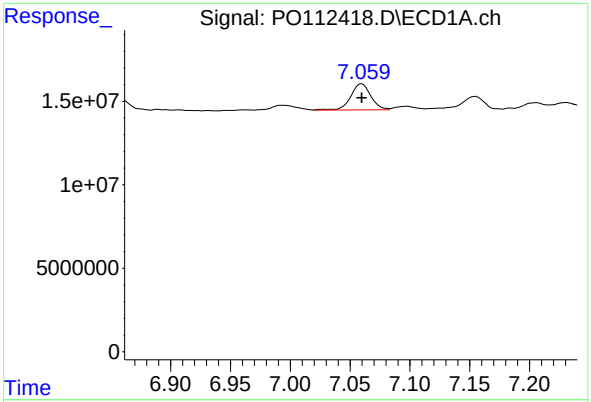
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 23827559
Conc: 40.52 ng/ml



#33 AR-1260-3

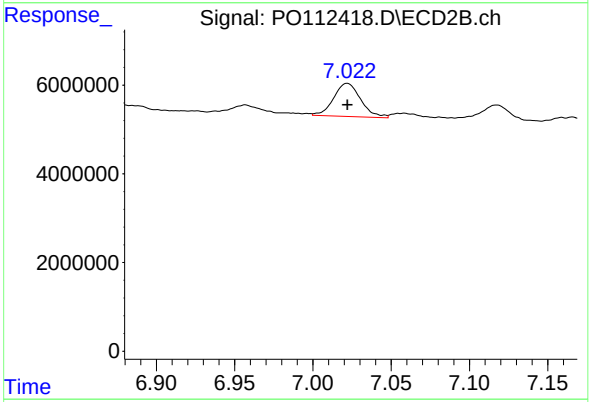
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 9733666
Conc: 38.66 ng/ml



#34 AR-1260-4

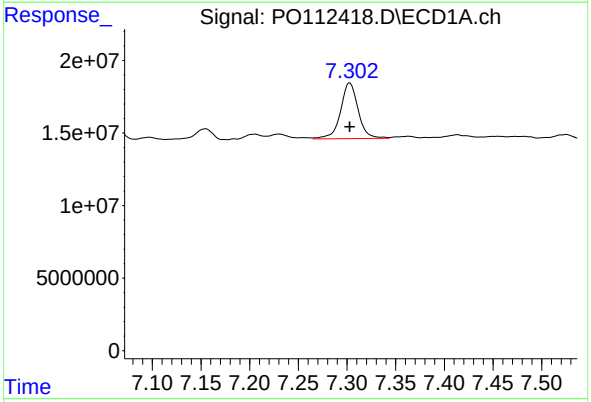
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 18415991
Conc: 40.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



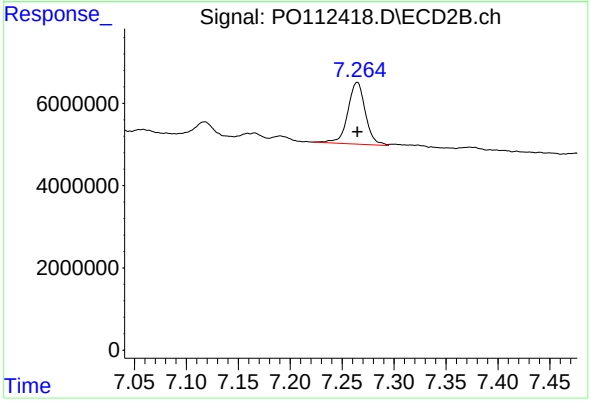
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 8957569
Conc: 46.82 ng/ml



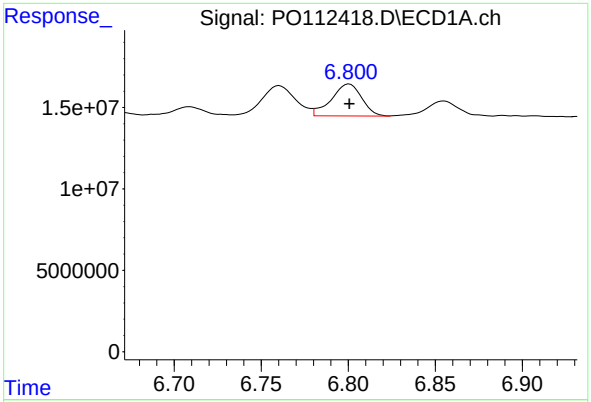
#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 48222745
Conc: 38.92 ng/ml



#35 AR-1260-5

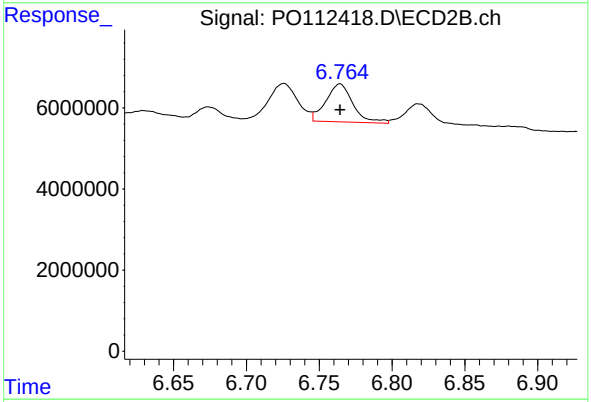
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 17614159
Conc: 42.73 ng/ml



#36 AR-1262-1

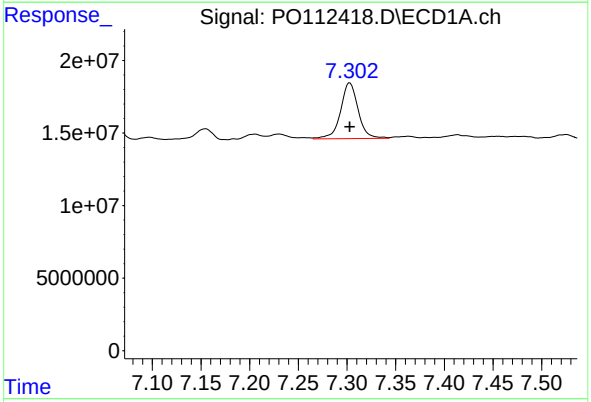
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 23827559
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



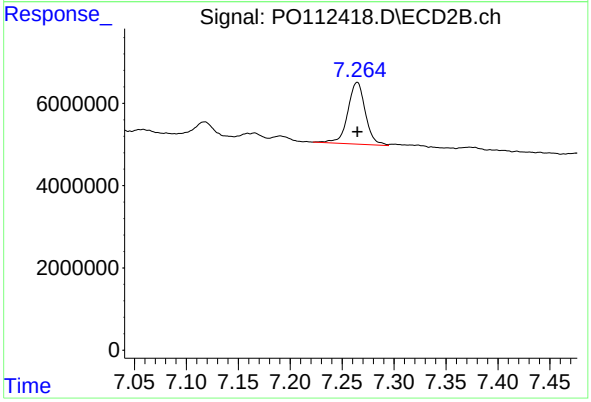
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 12127374
Conc: 50.00 ng/ml



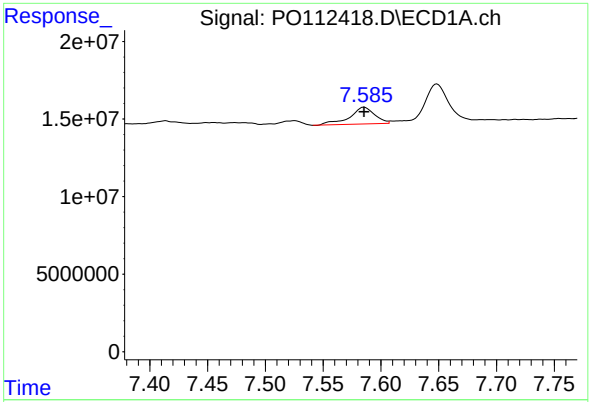
#37 AR-1262-2

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 48222745
Conc: 50.00 ng/ml



#37 AR-1262-2

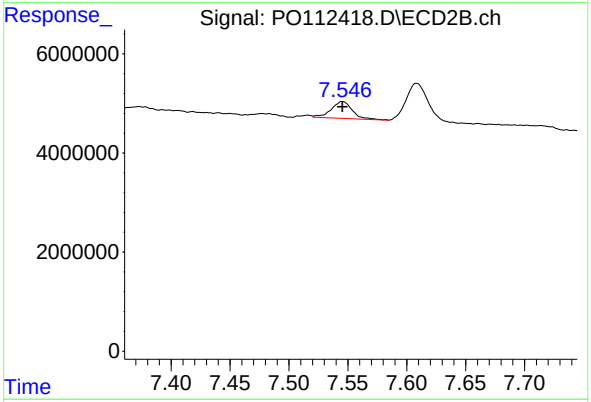
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 17614159
Conc: 50.00 ng/ml



#38 AR-1262-3

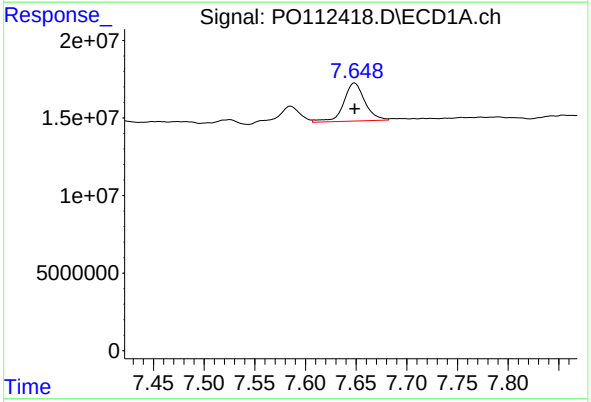
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 16287328
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



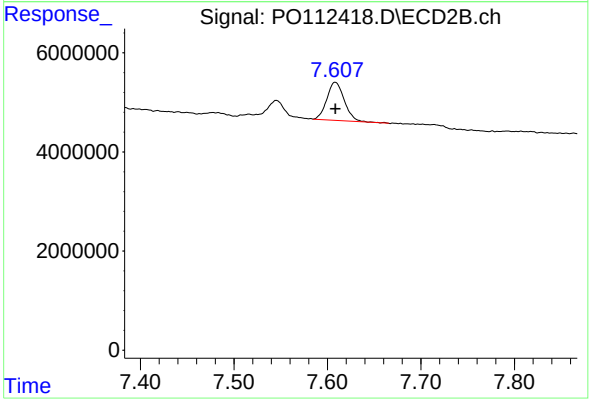
#38 AR-1262-3

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 4284383
Conc: 50.00 ng/ml



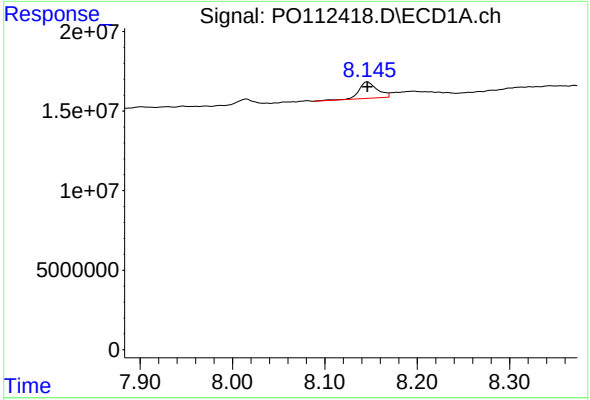
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 35754287
Conc: 50.00 ng/ml



#39 AR-1262-4

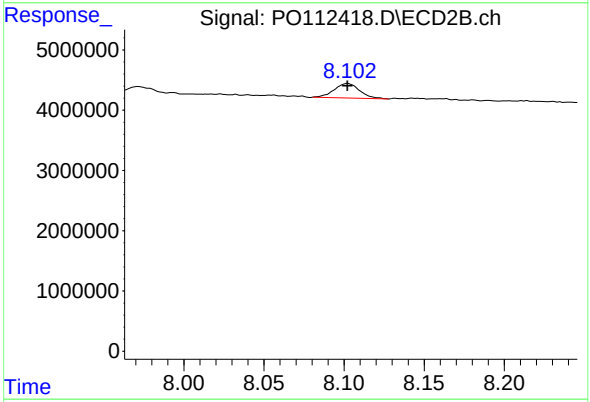
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 10013446
Conc: 50.00 ng/ml



#40 AR-1262-5

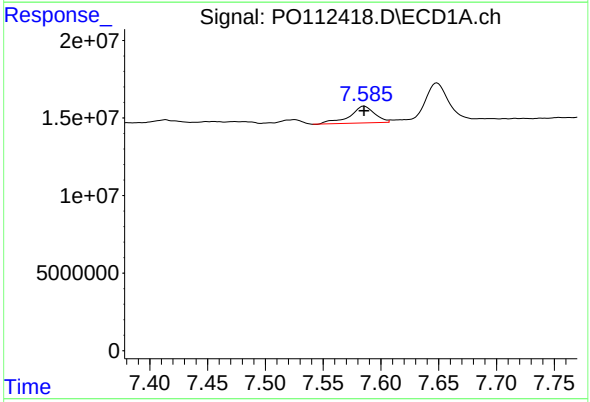
R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 14312589
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



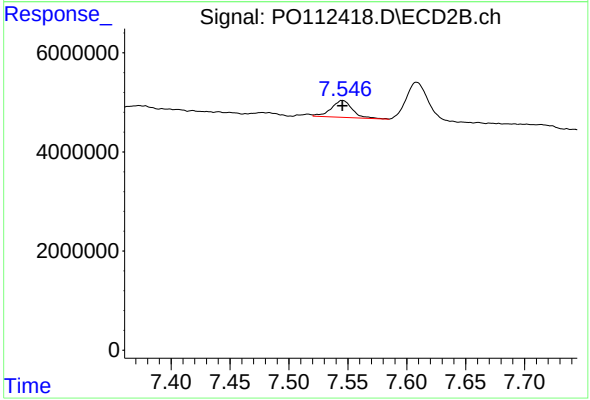
#40 AR-1262-5

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 2665703
Conc: 50.00 ng/ml



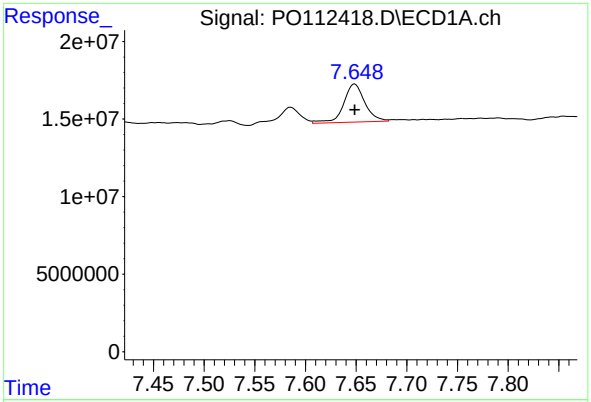
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 16287328
Conc: 50.00 ng/ml



#41 AR-1268-1

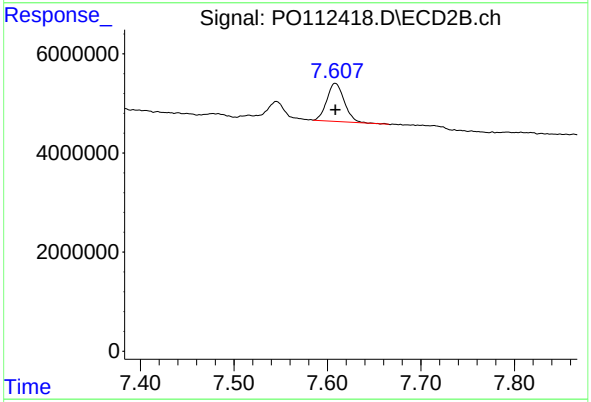
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 4284383
Conc: 50.00 ng/ml



#42 AR-1268-2

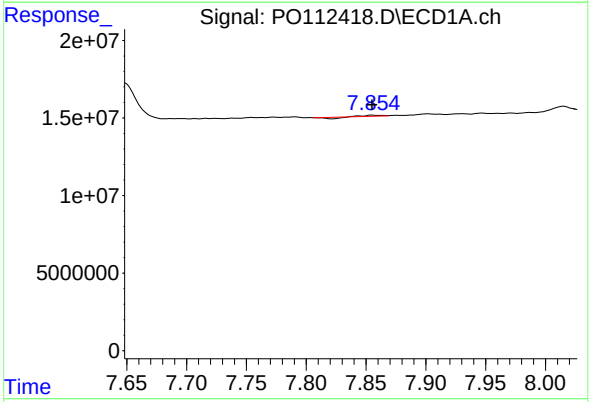
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 35754287
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



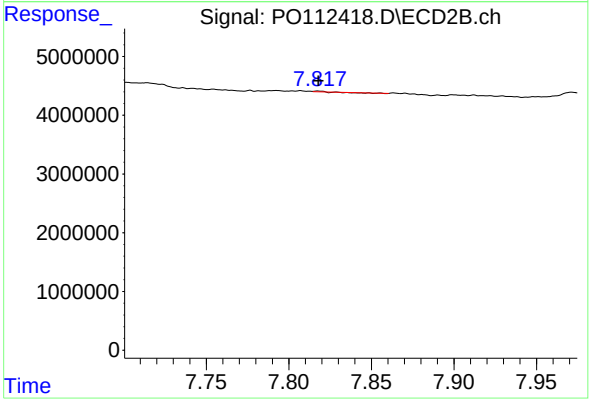
#42 AR-1268-2

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 10013446
Conc: 50.00 ng/ml



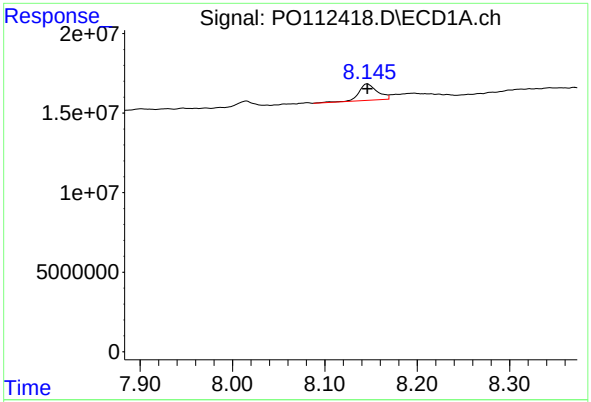
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: 0.000 min
Response: -141825
Conc: 50.00 ng/ml



#43 AR-1268-3

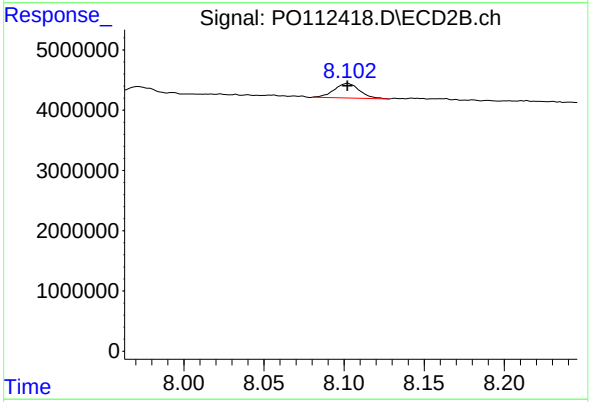
R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: -8046
Conc: 50.00 ng/ml



#44 AR-1268-4

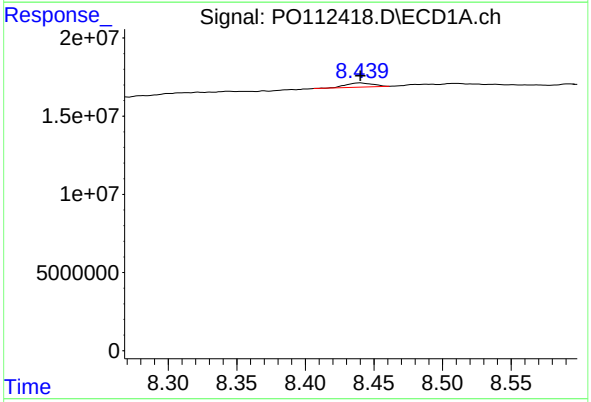
R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 14312589
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



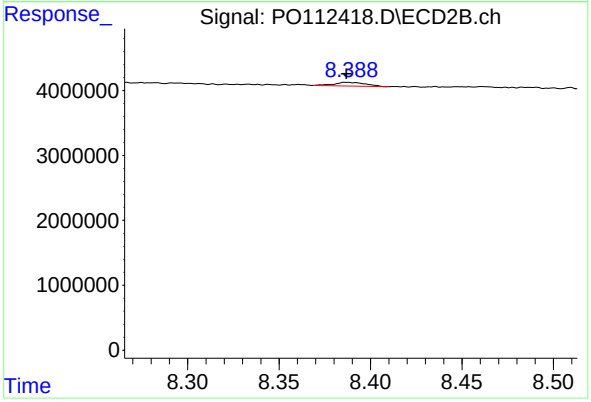
#44 AR-1268-4

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 2665703
Conc: 50.00 ng/ml



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 3715372
Conc: 50.00 ng/ml



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 692132
Conc: 50.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:36
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: Jul 23 14:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:50:26 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...	3.669	3.662	230.2E6	140.8E6	25.056	25.329
2)	SA Decachlor...	8.692	8.640	202.2E6	49177998	25.104	25.901
	Target Compounds						
16)	L4 AR-1242-1	4.756	4.737	66274294	42281301	254.503	262.921
17)	L4 AR-1242-2	4.774	4.756	98384229	63307827	253.352	263.280
18)	L4 AR-1242-3	4.830	4.930	63048920	32586963	255.064	259.362
19)	L4 AR-1242-4	4.951	5.015	50849599	32274308	254.552	262.925
20)	L4 AR-1242-5	5.601	5.535	60576839	45188557	277.078	279.805

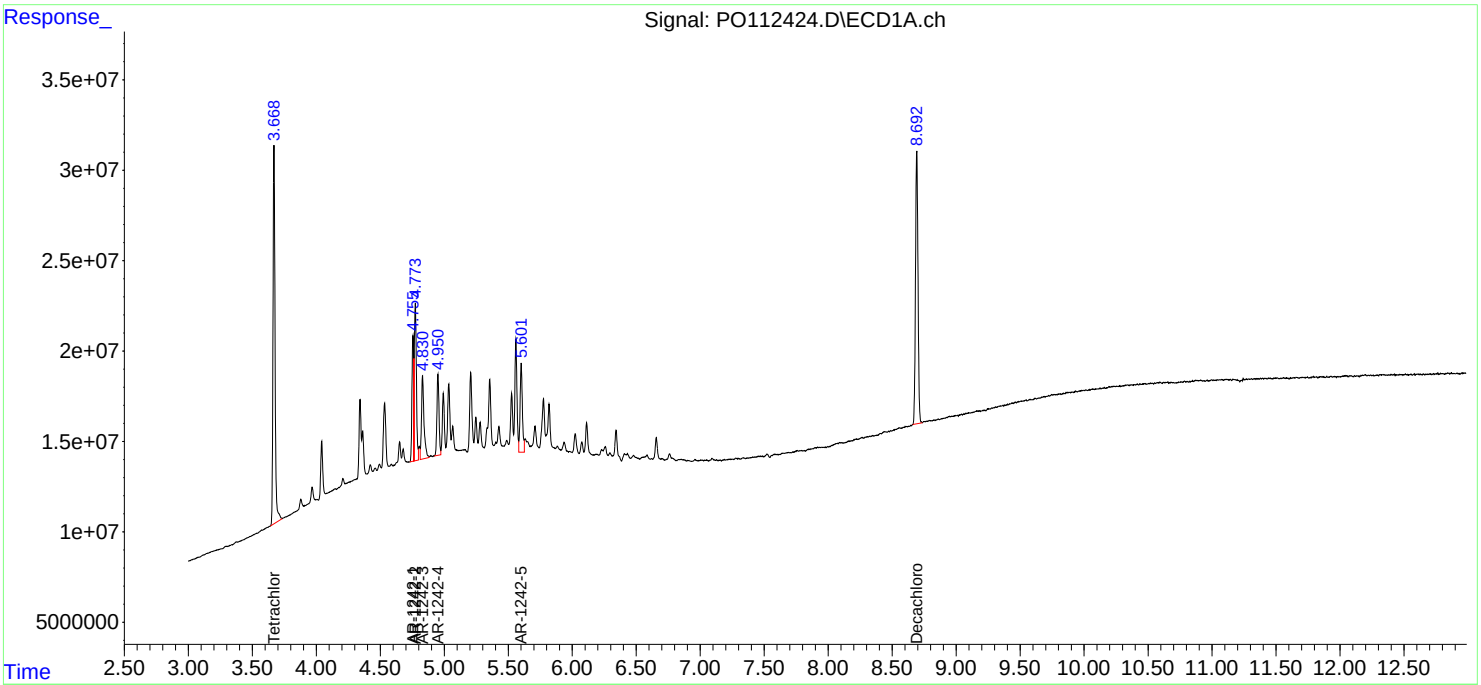
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

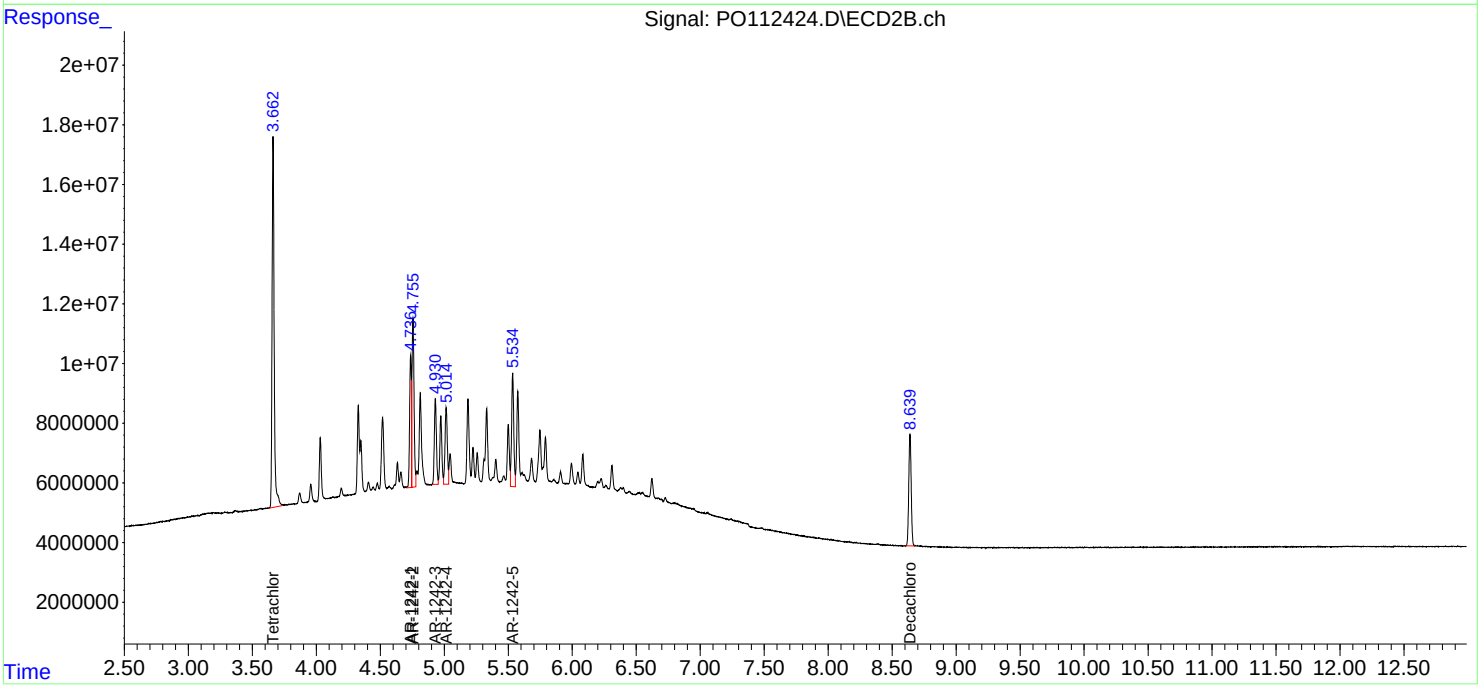
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:36
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

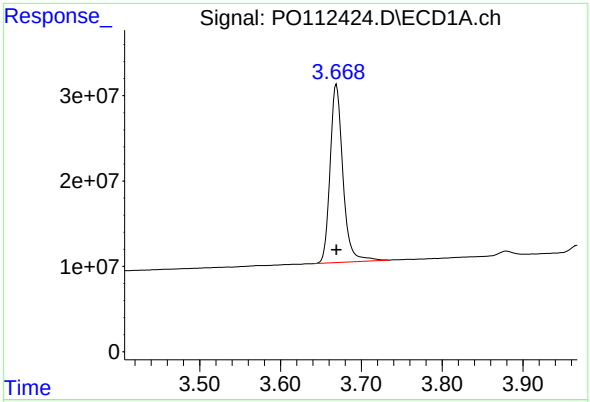
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:50:26 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



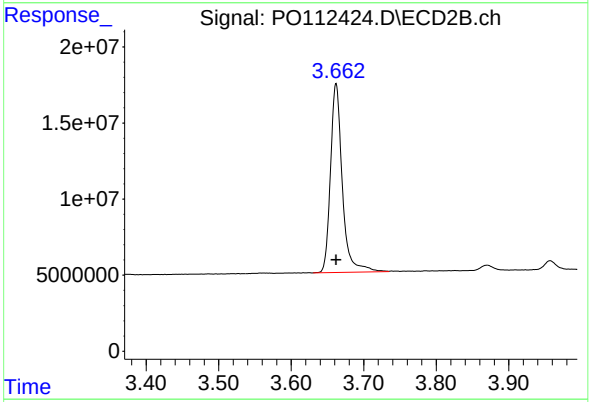




#1 Tetrachloro-m-xylene

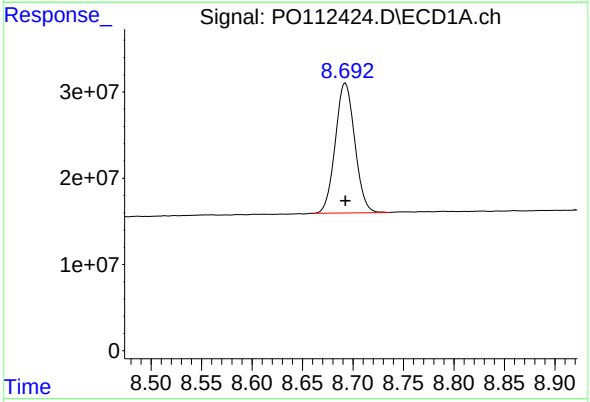
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 230185927
Conc: 25.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



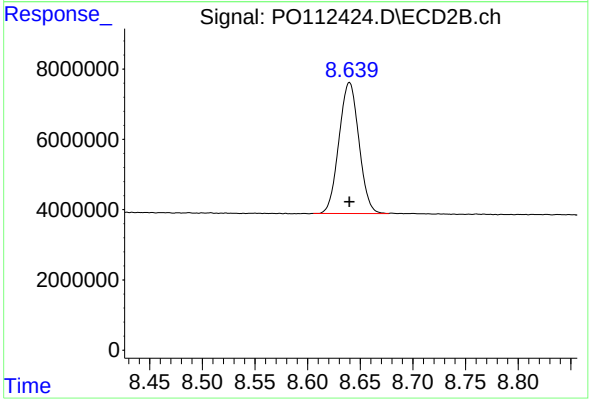
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 140771642
Conc: 25.33 ng/ml



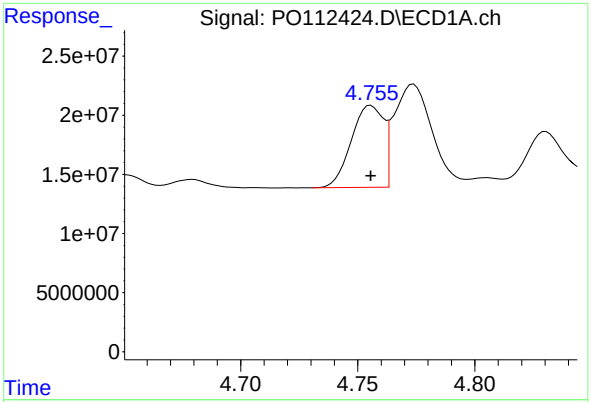
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 202170823
Conc: 25.10 ng/ml



#2 Decachlorobiphenyl

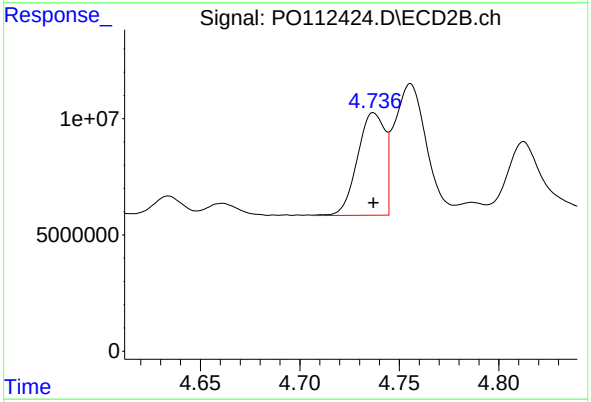
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 49177998
Conc: 25.90 ng/ml



#16 AR-1242-1

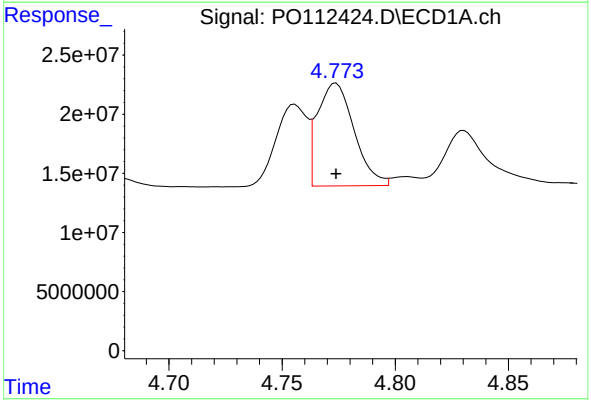
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 66274294
Conc: 254.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



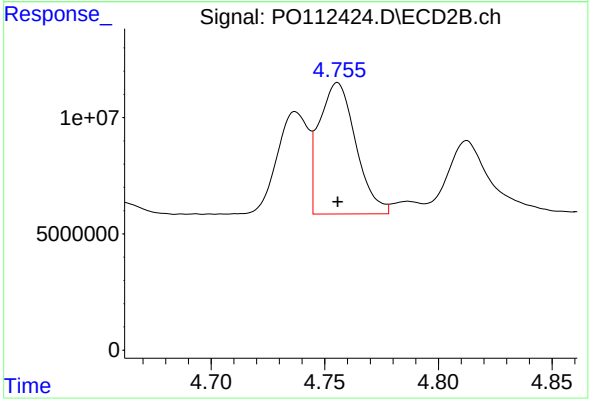
#16 AR-1242-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 42281301
Conc: 262.92 ng/ml



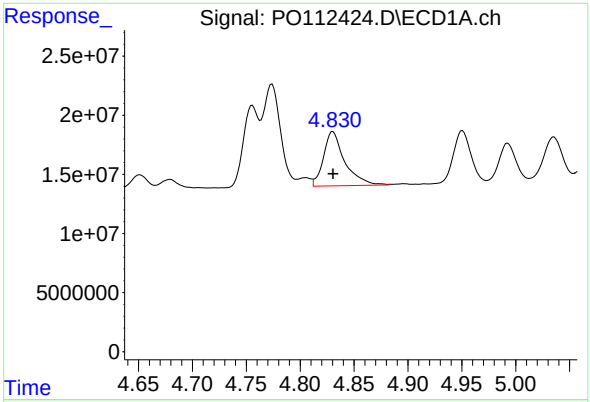
#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 98384229
Conc: 253.35 ng/ml



#17 AR-1242-2

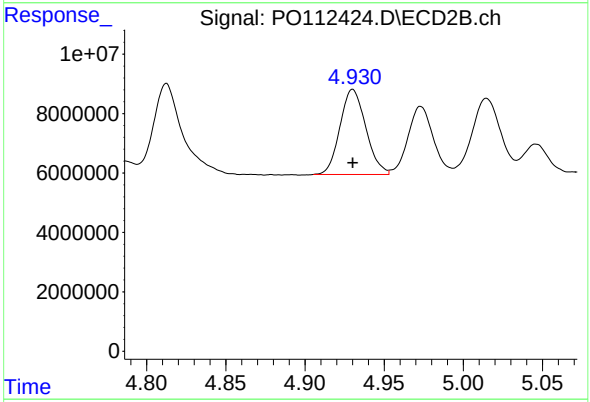
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 63307827
Conc: 263.28 ng/ml



#18 AR-1242-3

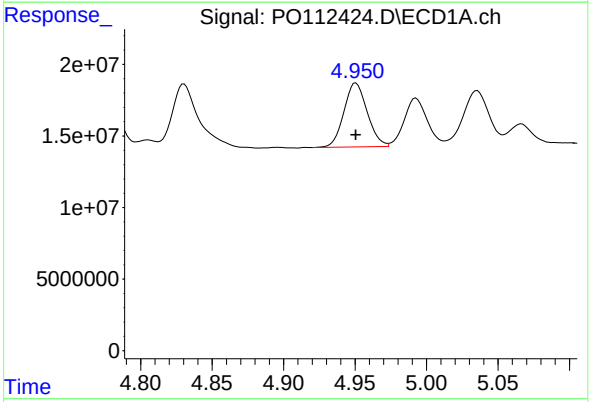
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 63048920
Conc: 255.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



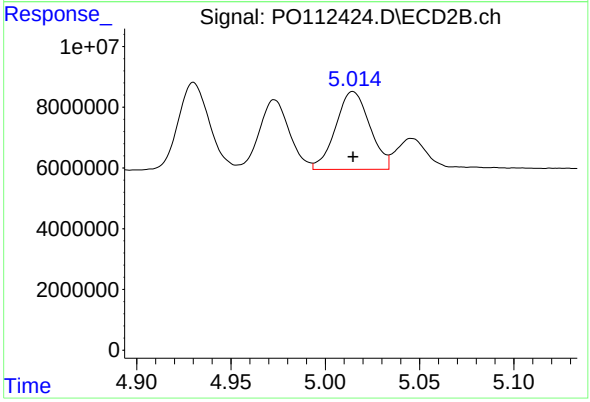
#18 AR-1242-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 32586963
Conc: 259.36 ng/ml



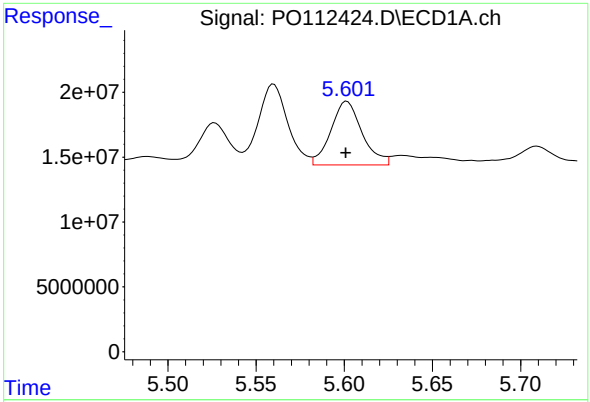
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 50849599
Conc: 254.55 ng/ml



#19 AR-1242-4

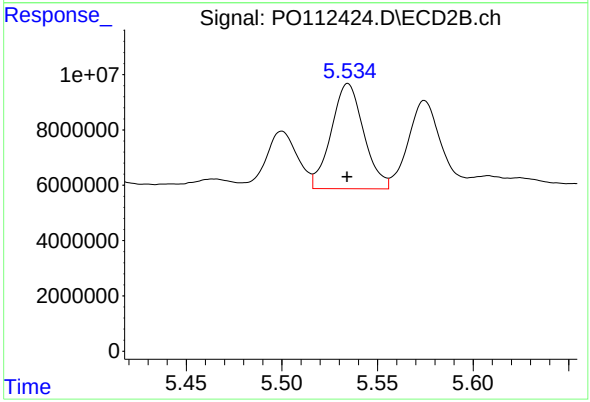
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 32274308
Conc: 262.93 ng/ml



#20 AR-1242-5

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 60576839
Conc: 277.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 45188557
Conc: 279.80 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:54
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: Jul 23 15:07:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 15:07:00 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...	3.670	3.662	31709040	19454228	3.679	3.698
2)	SA Decachlor...	8.695	8.640	31949919	7899252	4.138	4.305
	Target Compounds						
16)	L4 AR-1242-1	4.757	4.738	9816709	7435731	39.649	46.945
17)	L4 AR-1242-2	4.776	4.756	14782408	10324894	39.975	44.186
18)	L4 AR-1242-3	4.833	4.932	9726638	5168677	41.100	42.650
19)	L4 AR-1242-4	4.952	5.016	8617431	6134656	44.356	49.981
20)	L4 AR-1242-5	5.604	5.535	15882894	12714804	75.361	77.938

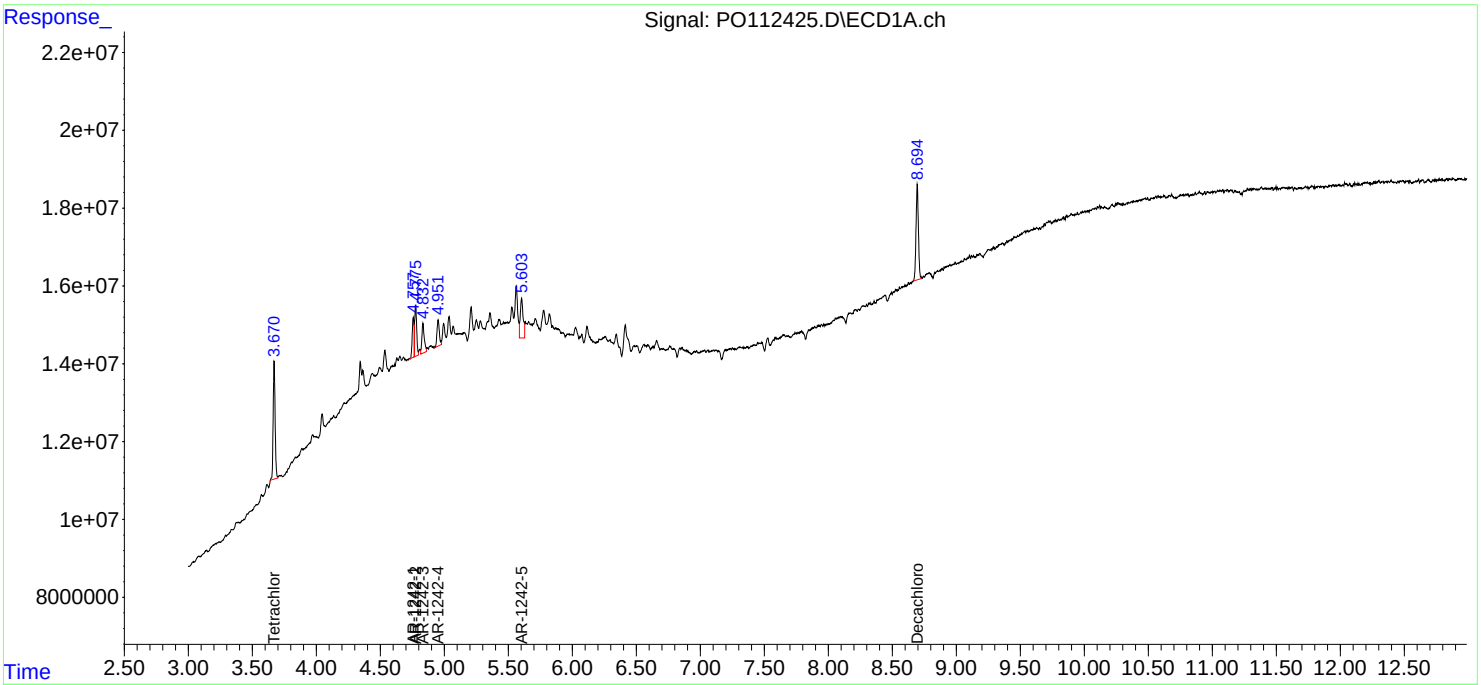
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

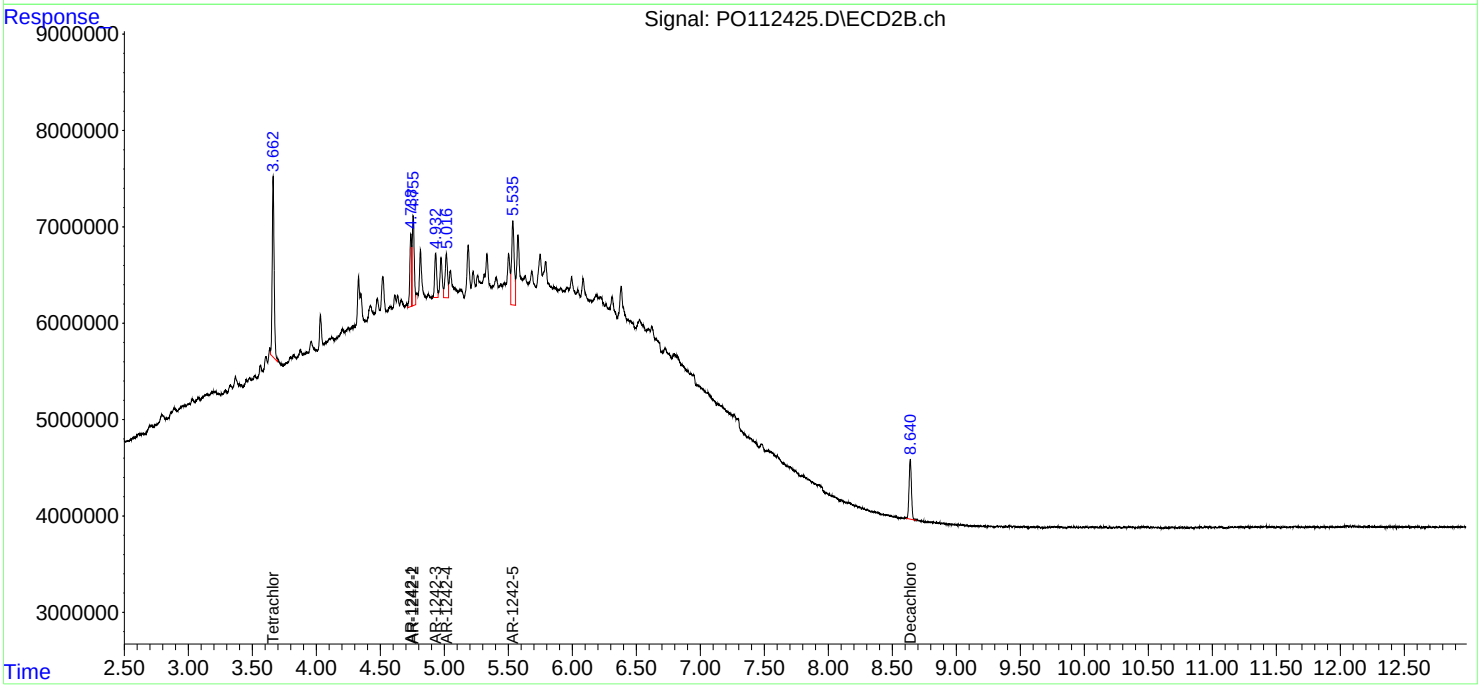
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:54
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

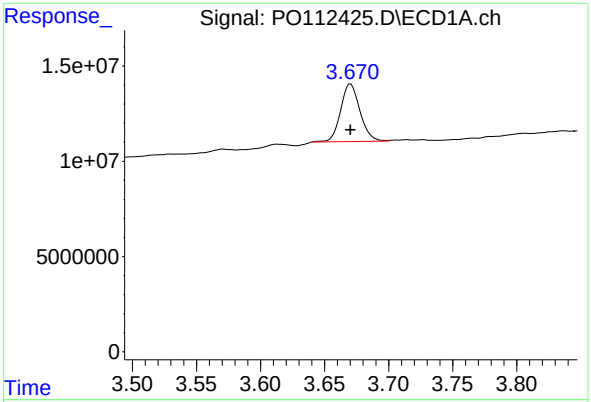
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 15:07:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 15:07:00 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



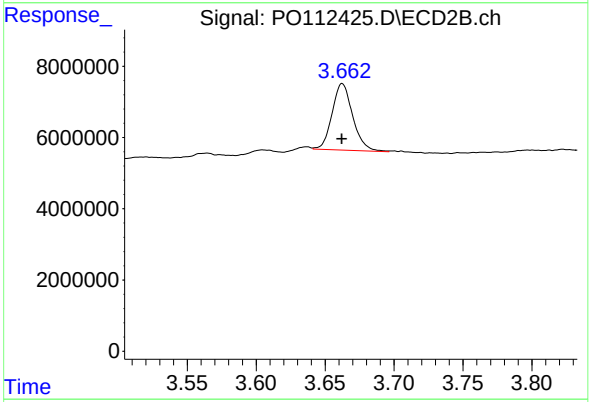




#1 Tetrachloro-m-xylene

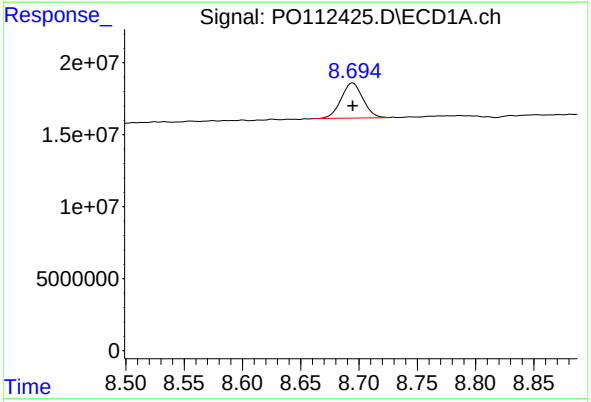
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 31709040
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



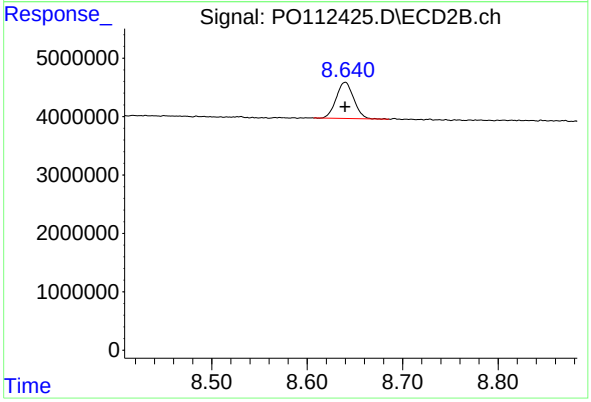
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 19454228
Conc: 3.70 ng/ml



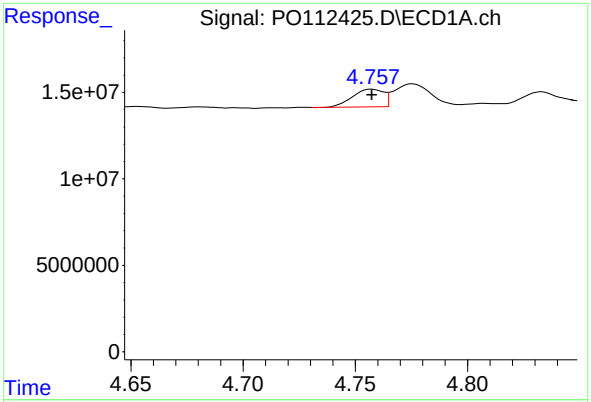
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 31949919
Conc: 4.14 ng/ml



#2 Decachlorobiphenyl

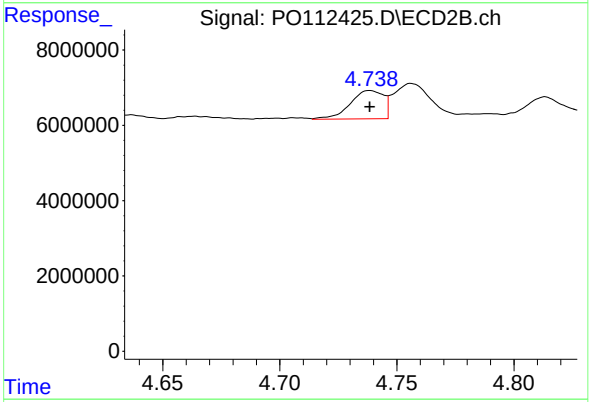
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7899252
Conc: 4.30 ng/ml



#16 AR-1242-1

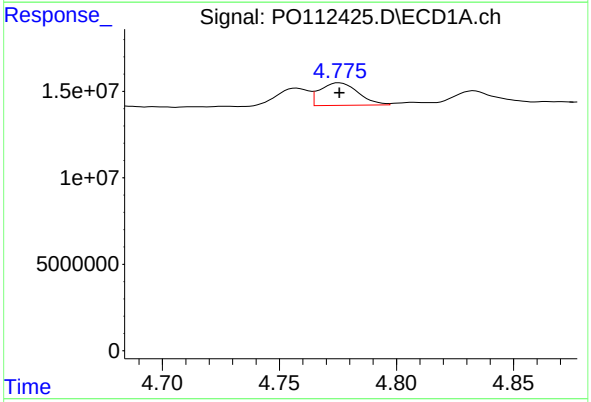
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 9816709
Conc: 39.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



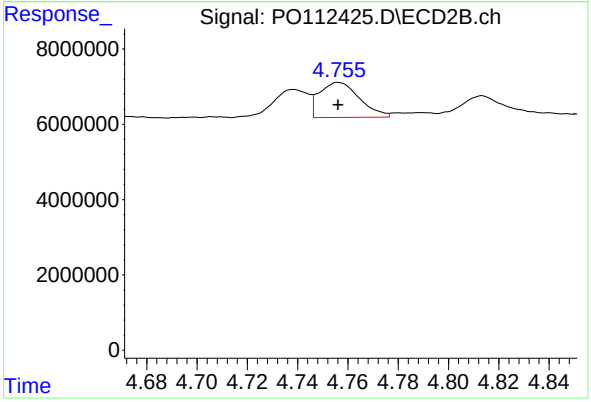
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 7435731
Conc: 46.94 ng/ml



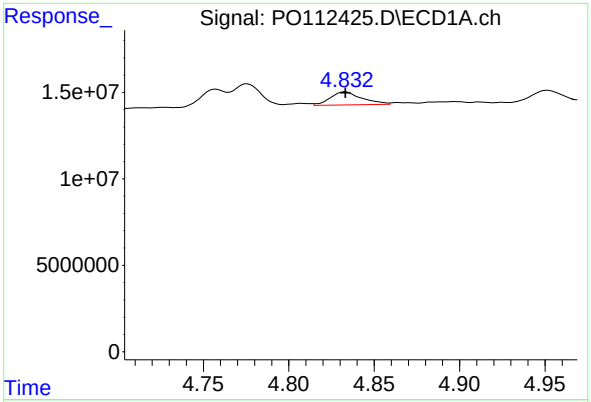
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 14782408
Conc: 39.97 ng/ml



#17 AR-1242-2

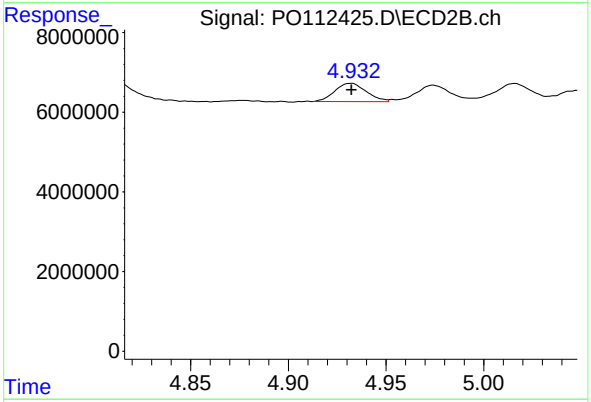
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10324894
Conc: 44.19 ng/ml



#18 AR-1242-3

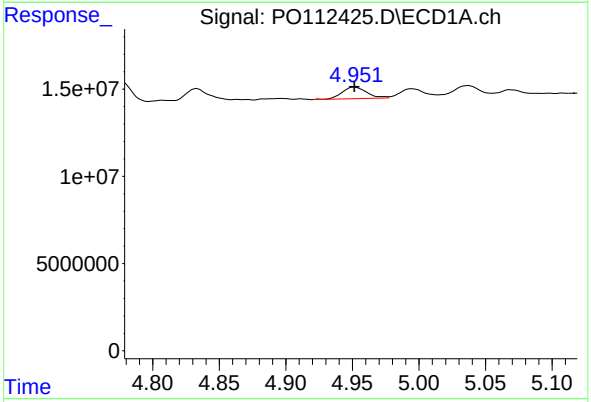
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 9726638
Conc: 41.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



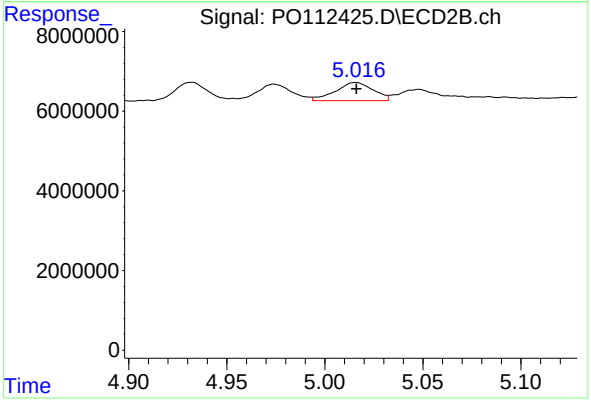
#18 AR-1242-3

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 5168677
Conc: 42.65 ng/ml



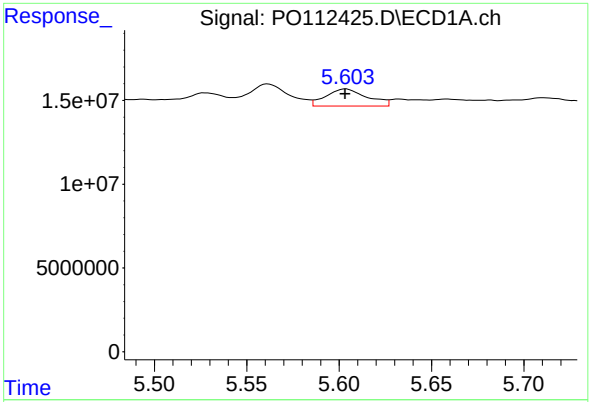
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 8617431
Conc: 44.36 ng/ml



#19 AR-1242-4

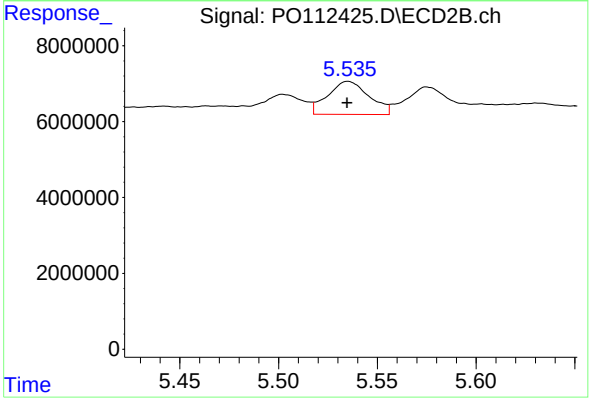
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6134656
Conc: 49.98 ng/ml



#20 AR-1242-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 15882894
Conc: 75.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 12714804
Conc: 77.94 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:25
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: Jul 23 17:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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...	3.670	3.662	32837807	20886754	3.789	3.981
2)	SA	Decachlor...	8.694	8.641	30716372	7585110	3.980	4.142
	Target Compounds							
21)	L5	AR-1248-1	4.757	4.738	7575656	5507226	40.466	45.323
22)	L5	AR-1248-2	4.995	4.973	10157901	7726264	39.817	45.642
23)	L5	AR-1248-3	5.208	5.015	16562795	8037448	48.190	45.244
24)	L5	AR-1248-4	5.562	5.185	27935829	10008226	55.005	47.900
25)	L5	AR-1248-5	5.603	5.576	21113477	13039110	60.462	60.611

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

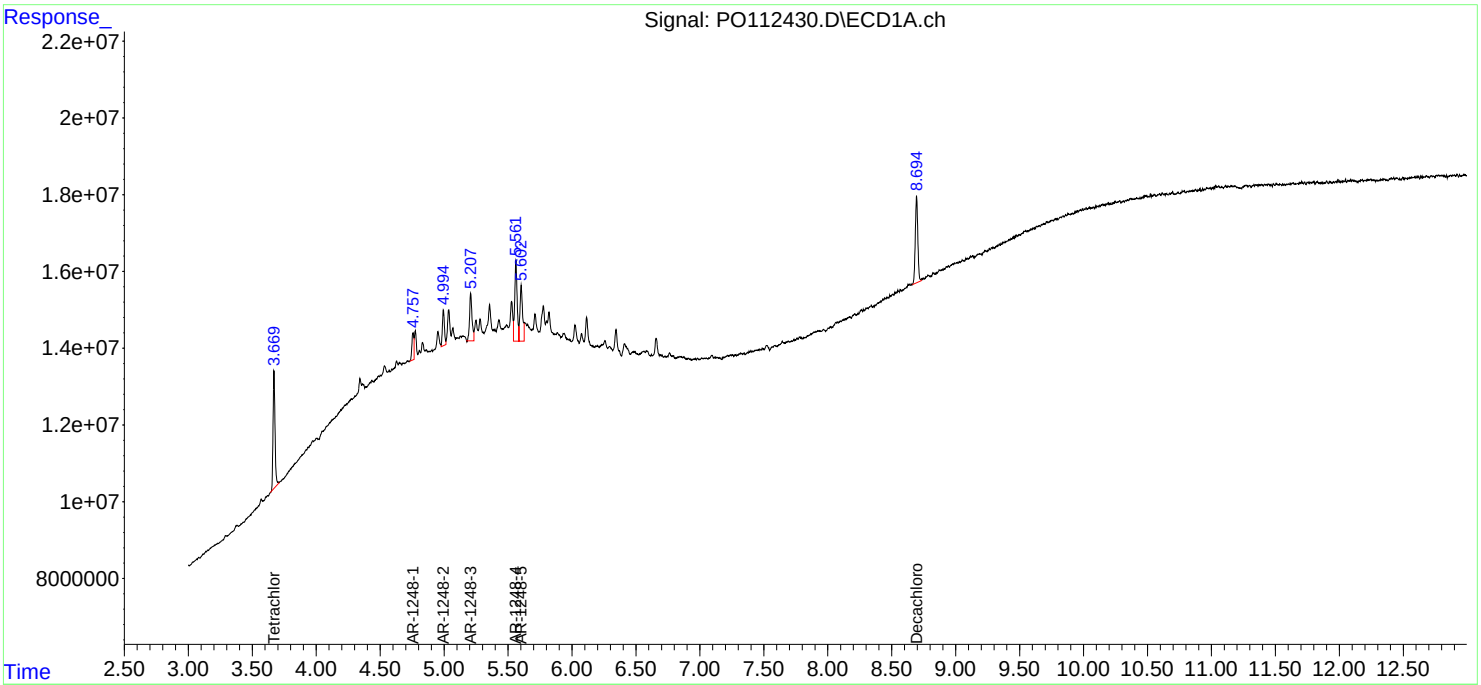
Quantitation Report (Not Reviewed)

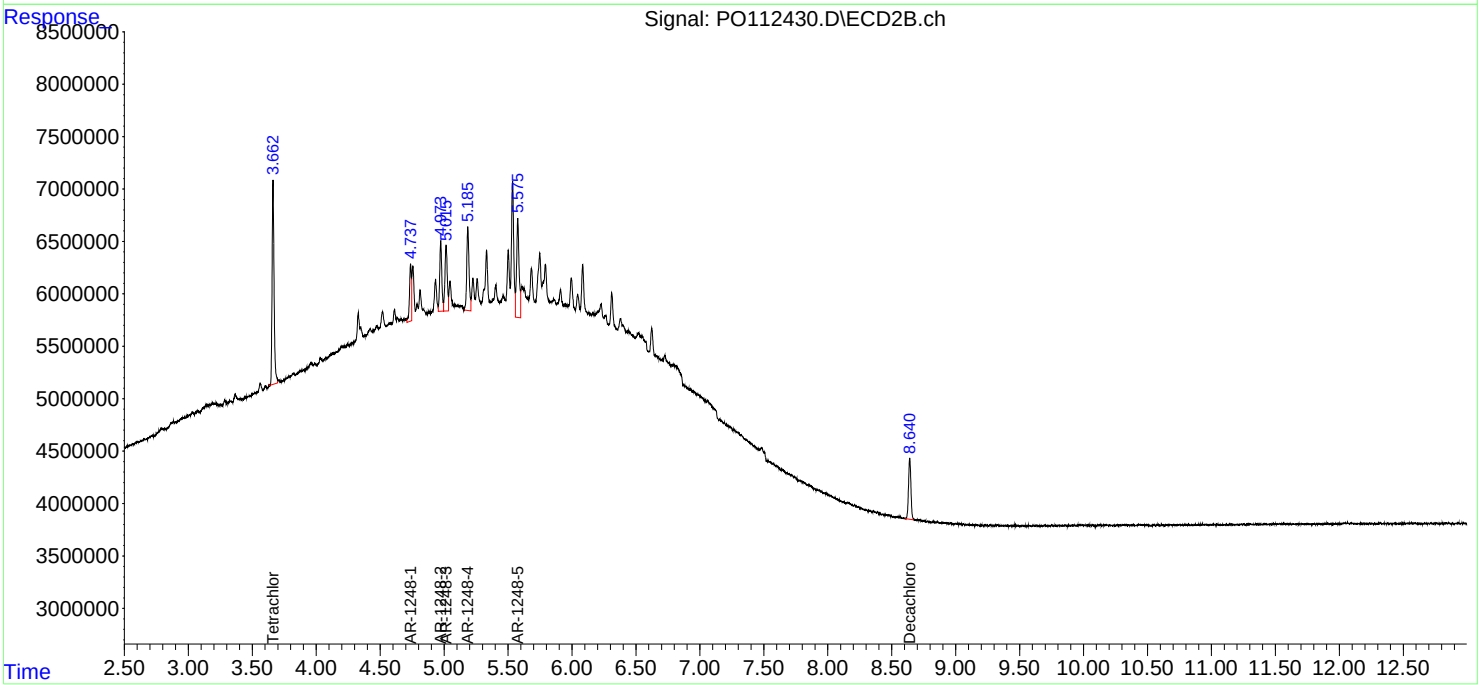
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:25
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

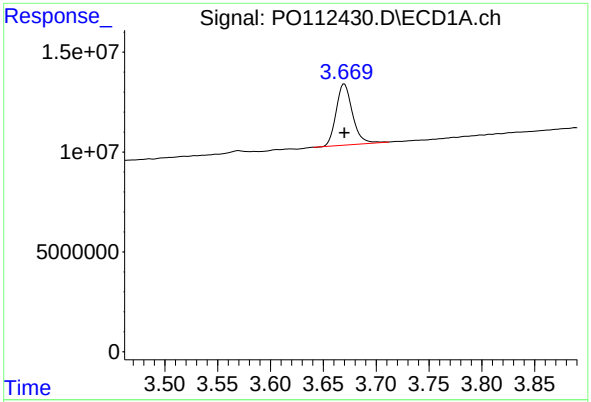
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 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



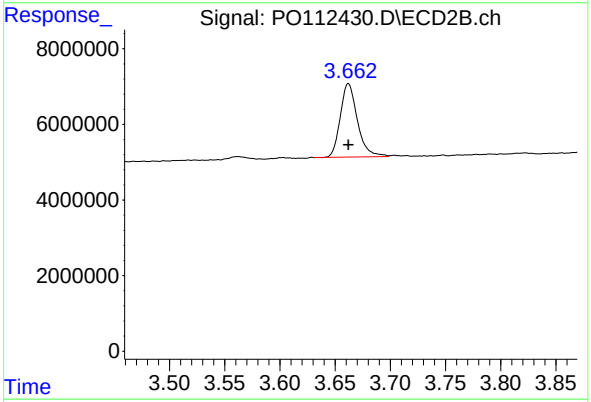




#1 Tetrachloro-m-xylene

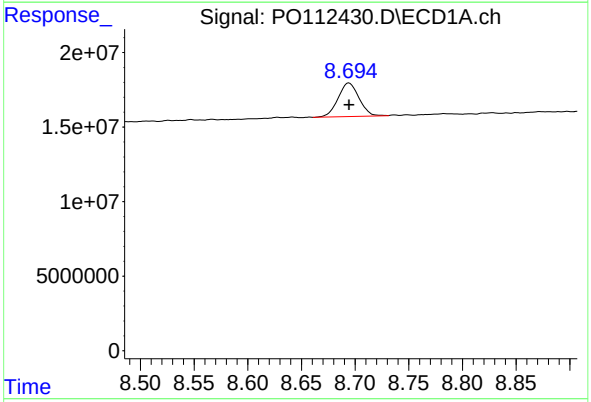
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 32837807
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



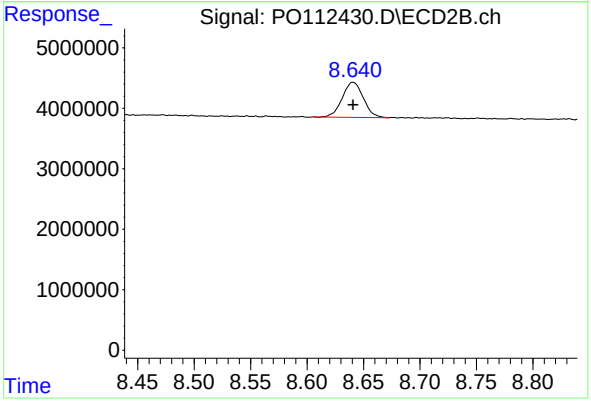
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 20886754
Conc: 3.98 ng/ml



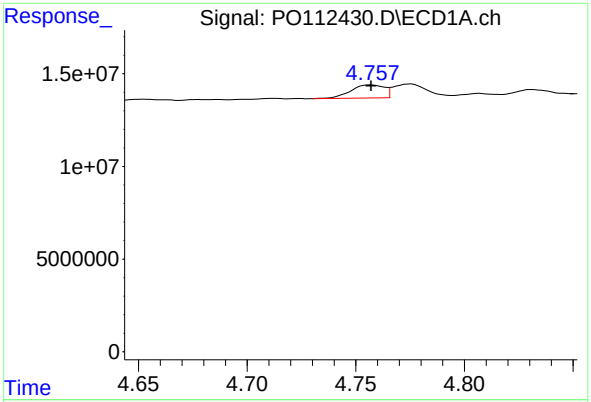
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 30716372
Conc: 3.98 ng/ml



#2 Decachlorobiphenyl

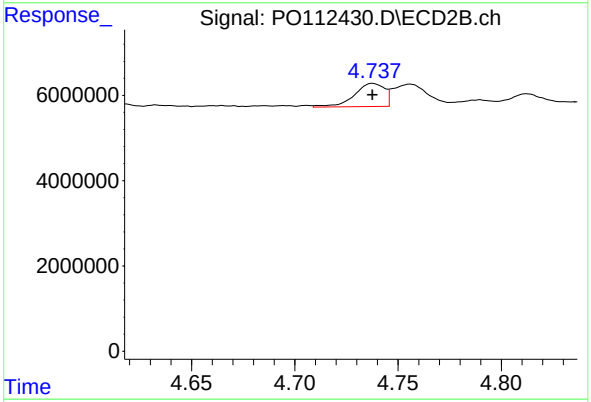
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 7585110
Conc: 4.14 ng/ml



#21 AR-1248-1

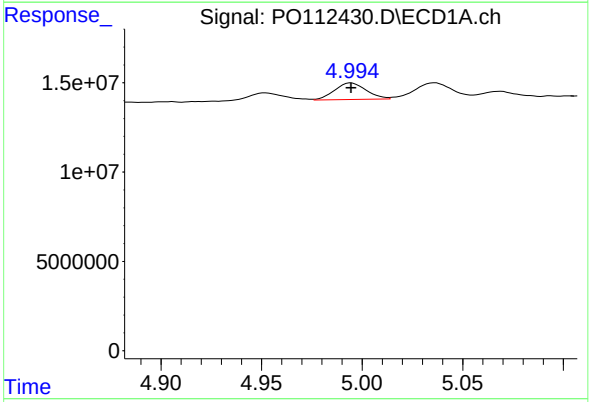
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 7575656
Conc: 40.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



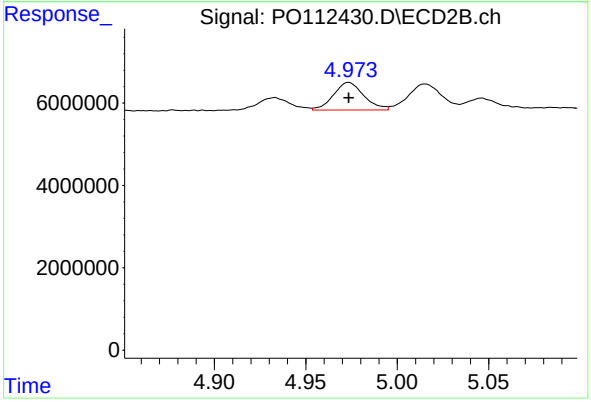
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 5507226
Conc: 45.32 ng/ml



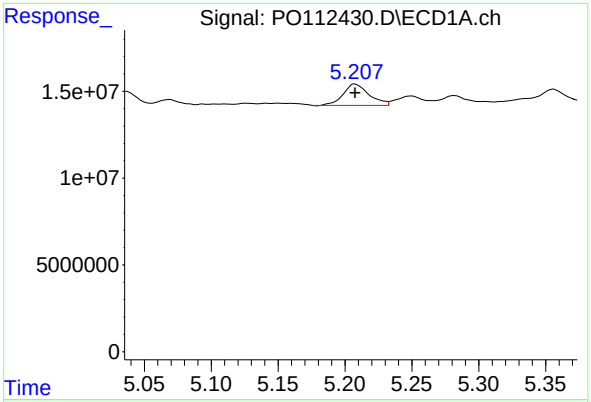
#22 AR-1248-2

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 10157901
Conc: 39.82 ng/ml



#22 AR-1248-2

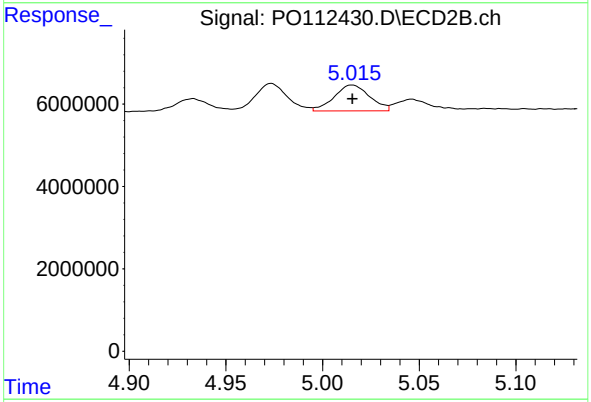
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 7726264
Conc: 45.64 ng/ml



#23 AR-1248-3

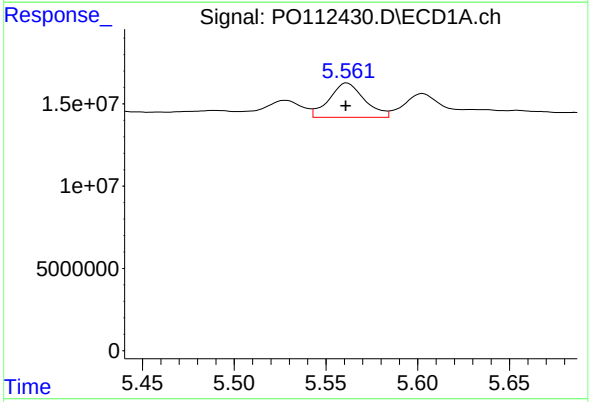
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 16562795
Conc: 48.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



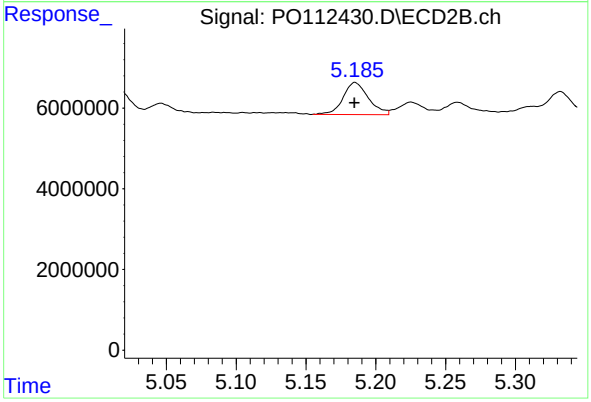
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 8037448
Conc: 45.24 ng/ml



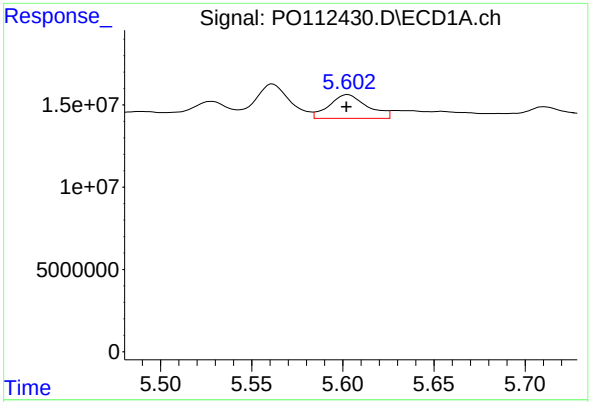
#24 AR-1248-4

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 27935829
Conc: 55.00 ng/ml



#24 AR-1248-4

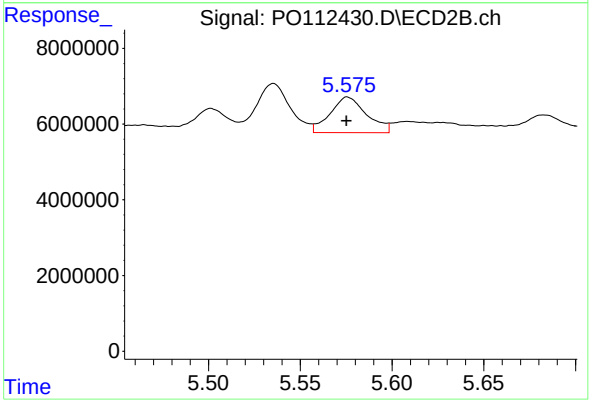
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 10008226
Conc: 47.90 ng/ml



#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 21113477
Conc: 60.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 13039110
Conc: 60.61 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:57
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: Jul 23 18:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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...	3.669	3.661	35024549	22021040	4.120	4.264
2)	SA Decachlor...	8.694	8.640	31608253	7869748	4.125	4.324
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.535	31620587	18445655	58.061	56.180
27)	L6 AR-1254-2	5.710	5.682	26814044	17671717	55.816	61.642
28)	L6 AR-1254-3	6.114	6.083	32662856	23495492	43.885	55.001 #
29)	L6 AR-1254-4	6.344	6.311	25352878	13603049	46.121	50.646
30)	L6 AR-1254-5	6.762	6.726	30690471	15381815	43.359	46.051

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

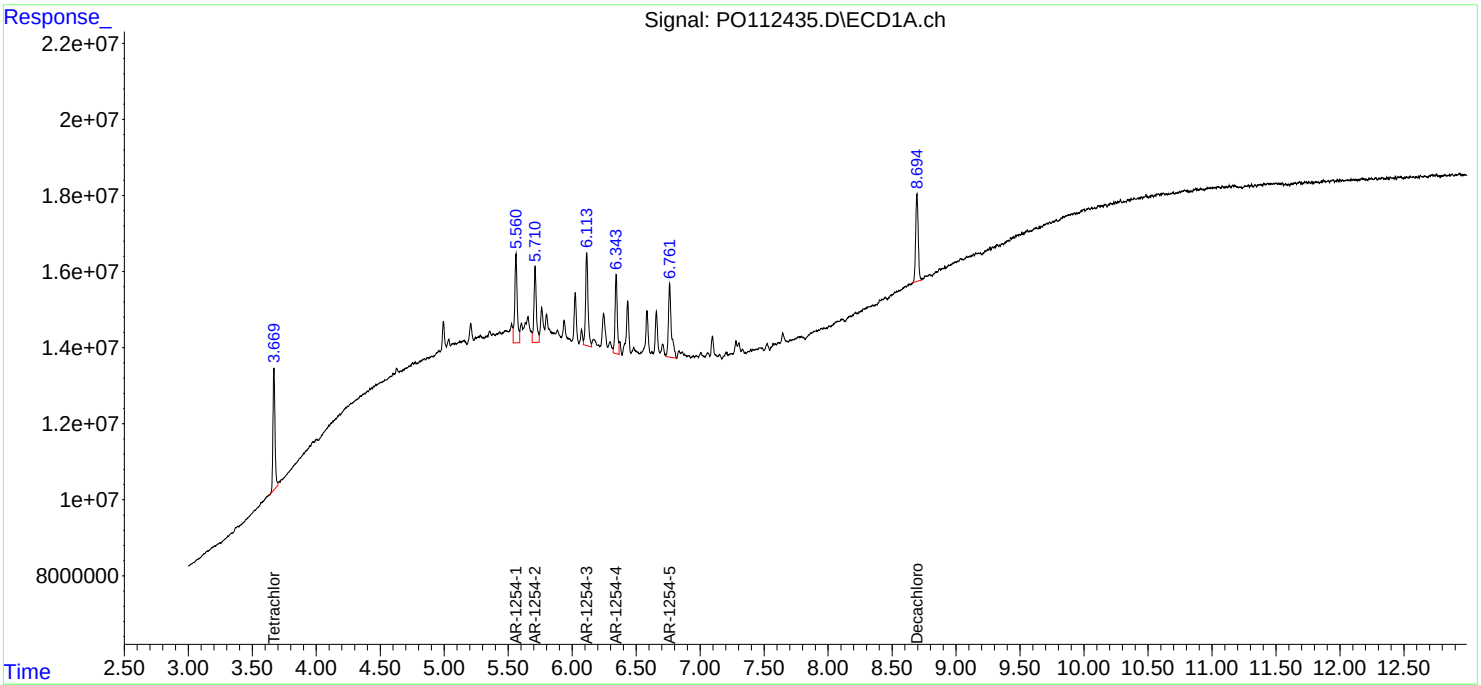
Quantitation Report (Not Reviewed)

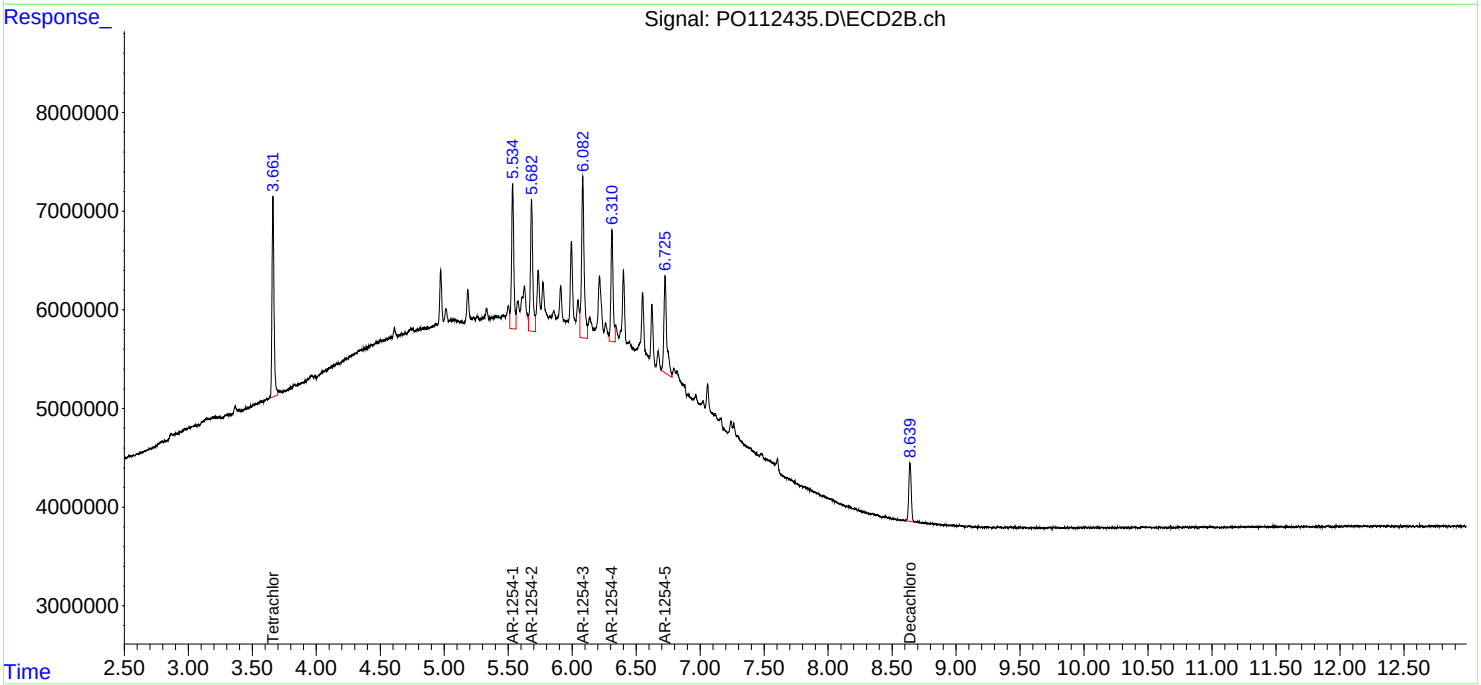
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:57
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

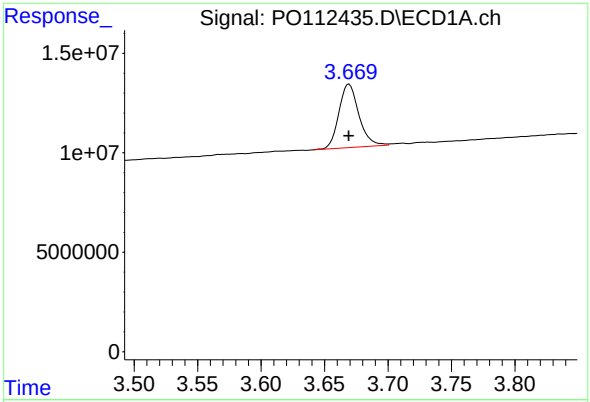
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 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



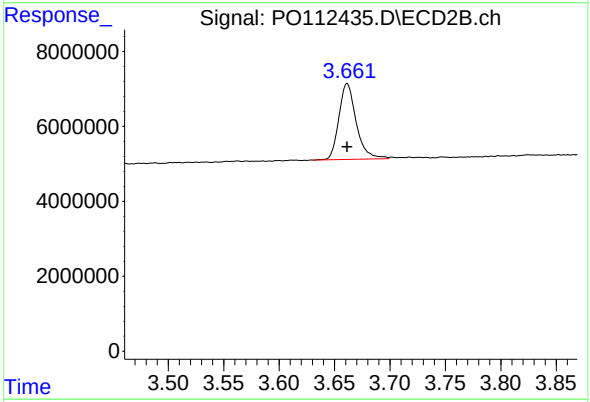




#1 Tetrachloro-m-xylene

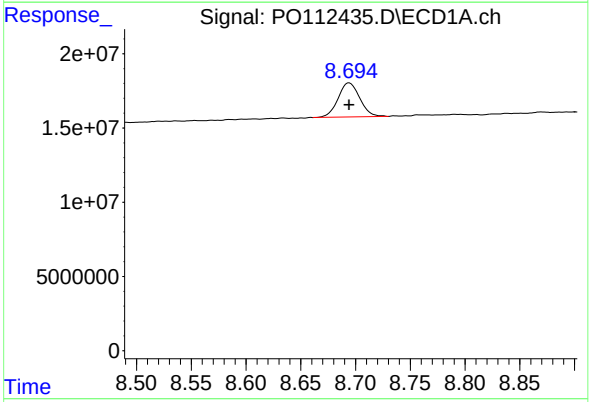
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 35024549
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



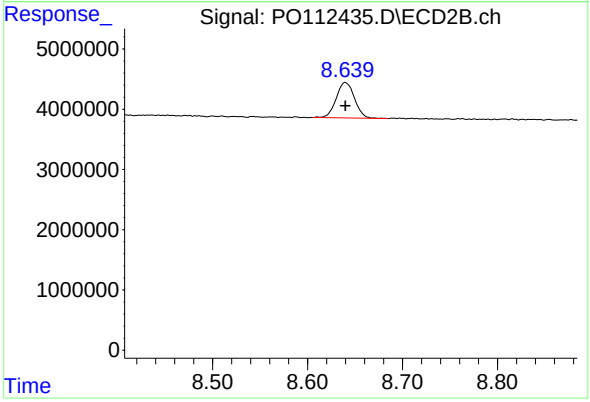
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 22021040
Conc: 4.26 ng/ml



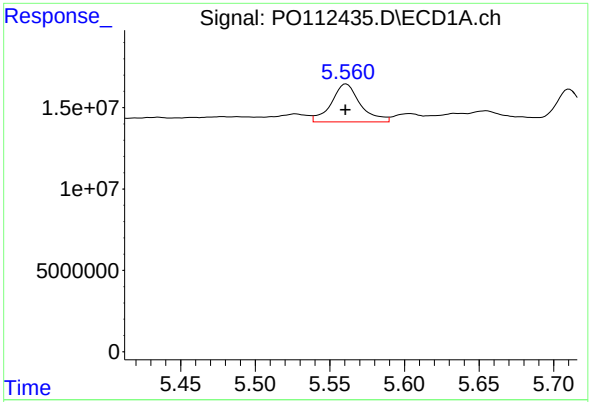
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 31608253
Conc: 4.13 ng/ml



#2 Decachlorobiphenyl

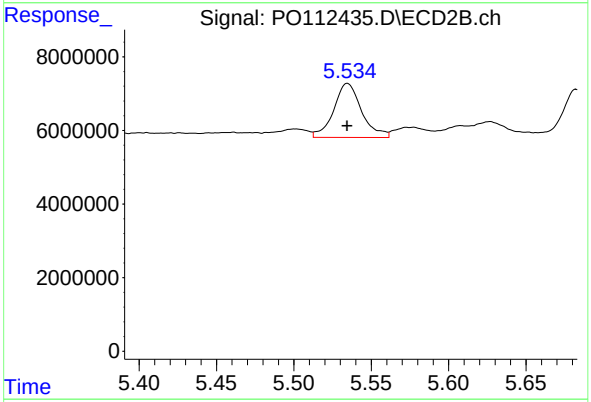
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7869748
Conc: 4.32 ng/ml



#26 AR-1254-1

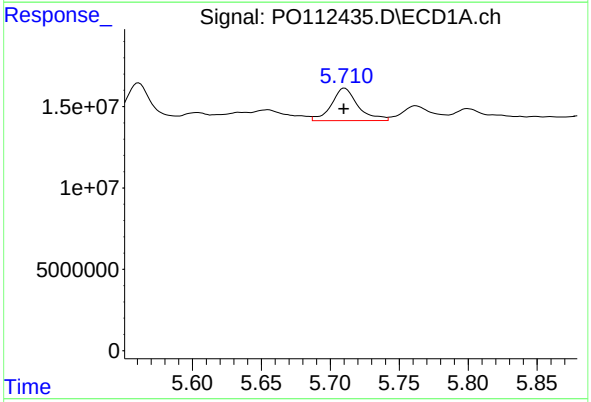
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 31620587
Conc: 58.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



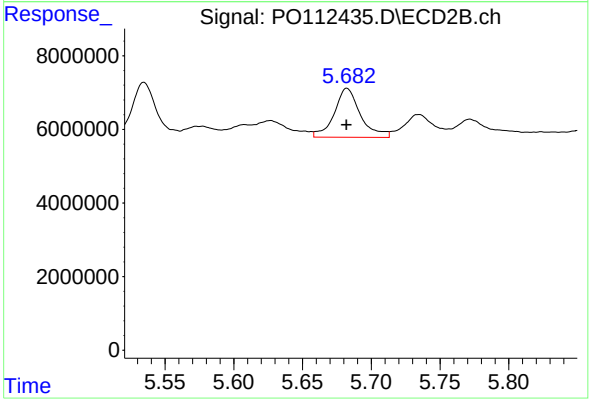
#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 18445655
Conc: 56.18 ng/ml



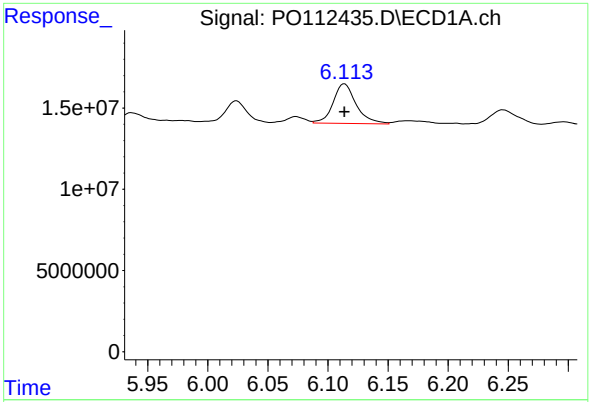
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 26814044
Conc: 55.82 ng/ml



#27 AR-1254-2

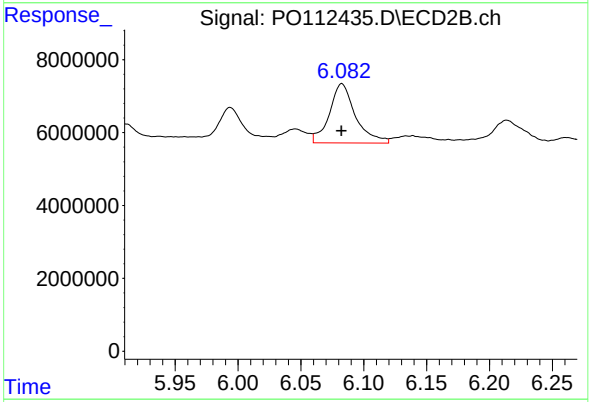
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 17671717
Conc: 61.64 ng/ml



#28 AR-1254-3

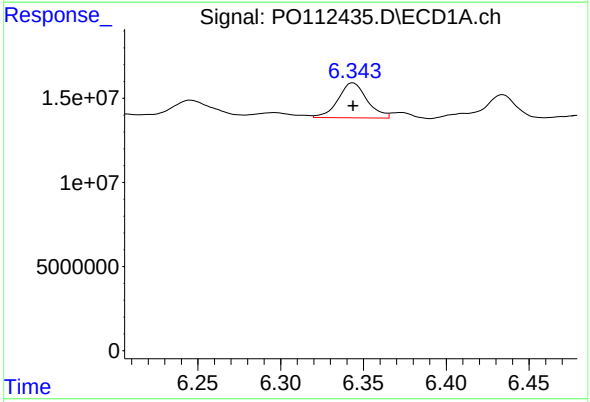
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 32662856
Conc: 43.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



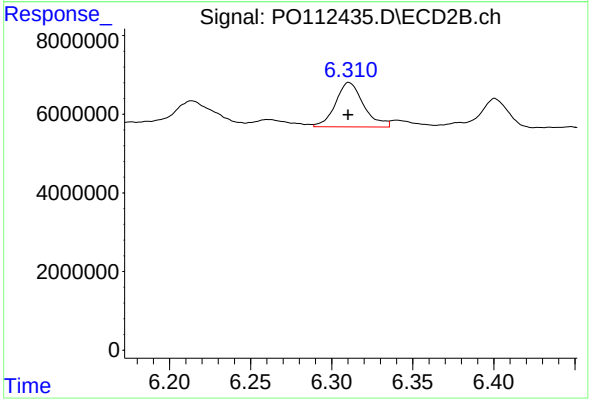
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 23495492
Conc: 55.00 ng/ml



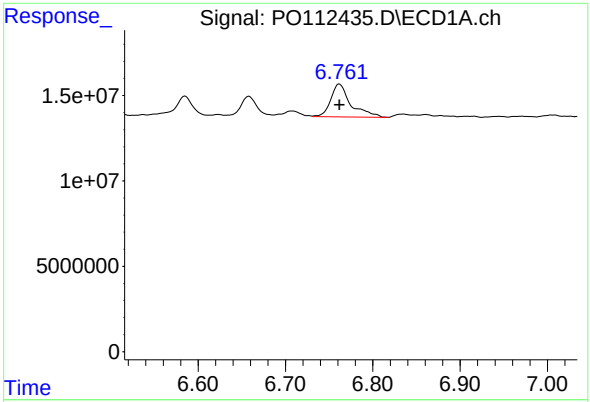
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 25352878
Conc: 46.12 ng/ml



#29 AR-1254-4

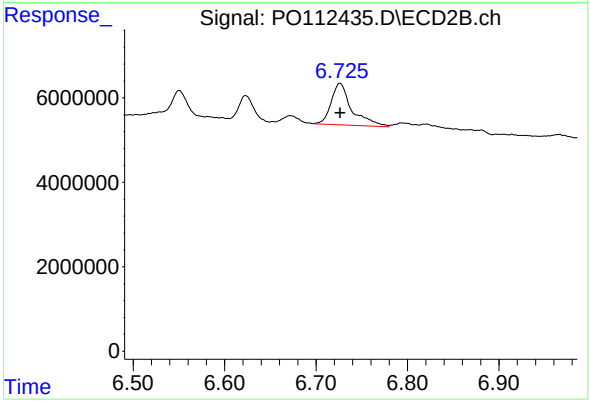
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 13603049
Conc: 50.65 ng/ml



#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 30690471
Conc: 43.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 15381815
Conc: 46.05 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:57
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: Aug 13 16:12:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.659	443.6E6	260.4E6	54.555	52.397	
2)	SA Decachlor...	8.687	8.633	345.6E6	90170394	47.260	51.027	
	Target Compounds							
3)	L1 AR-1016-1	4.751	4.733	142.0E6	85960622	529.281	491.184	
4)	L1 AR-1016-2	4.770	4.751	214.9E6	127.9E6	529.211	490.975	
5)	L1 AR-1016-3	4.827	4.926	135.9E6	65615401	519.385	482.585	
6)	L1 AR-1016-4	4.947	4.968	110.7E6	53827690	522.617	484.564	
7)	L1 AR-1016-5	5.203	5.180	121.3E6	71424010	552.639	498.412	
8)	L2 AR-1221-1	3.877	3.866	12227155	8954479	126.497	133.121	
9)	L2 AR-1221-2	3.964	3.953	18999149	13180825	264.384	259.833	
10)	L2 AR-1221-3	4.039	4.027	72765880	47802557	306.111	301.538	
11)	L3 AR-1232-1	4.039	4.027	72765880	47802557	389.167	377.737	
12)	L3 AR-1232-2	4.530	4.751	107.5E6	127.9E6	998.655	975.158	
13)	L3 AR-1232-3	4.770	4.926	214.9E6	65615401	1039.277	976.466	
14)	L3 AR-1232-4	4.947	5.010	110.7E6	65047580	1057.014	1087.223	
15)	L3 AR-1232-5	4.989	5.180	85696547	71424010	1262.455	1095.409	
16)	L4 AR-1242-1	4.751	4.733	142.0E6	85960622	573.689	542.701	
17)	L4 AR-1242-2	4.770	4.751	214.9E6	127.9E6	581.194	547.347	
18)	L4 AR-1242-3	4.827	4.926	135.9E6	65615401	574.287	541.430	
19)	L4 AR-1242-4	4.947	5.010	110.7E6	65047580	569.862	529.965	
20)	L4 AR-1242-5	5.598	5.530	34796267	73102140	162.664	454.132	#
21)	L5 AR-1248-1	4.751	4.733	142.0E6	85960622	758.730	707.441	
22)	L5 AR-1248-2	4.989	4.968	85696547	53827690	335.917	317.981	
23)	L5 AR-1248-3	5.203	5.010	121.3E6	65047580	352.888	366.162	
24)	L5 AR-1248-4	5.556	5.180	128.8E6	71424010	253.439	342.800	#
25)	L5 AR-1248-5	5.598	5.569	34796267	20281133	99.534	94.434	
26)	L6 AR-1254-1	5.556	5.530	128.8E6	73102140	234.566	222.451	
27)	L6 AR-1254-2	5.705	5.677	96614459	53317909	198.828	184.178	
28)	L6 AR-1254-3	6.124	6.093	183.5E6	99137696	246.546	231.922	
29)	L6 AR-1254-4	6.339	6.305	26916636	13255522	48.966	48.562	
30)	L6 AR-1254-5	6.755	6.720	317.2E6	147.9E6	448.140	442.685	
31)	L7 AR-1260-1	6.240	6.208	230.0E6	123.6E6	523.503	497.400	
32)	L7 AR-1260-2	6.430	6.396	352.0E6	165.1E6	511.635	500.970	
33)	L7 AR-1260-3	6.795	6.547	315.7E6	127.1E6	536.971	494.781	
34)	L7 AR-1260-4	7.054	7.017	231.3E6	98548784	512.747	515.124	
35)	L7 AR-1260-5	7.298	7.259	625.7E6	219.7E6	504.960	532.889	
36)	L8 AR-1262-1	6.795	6.760	315.7E6	142.0E6	339.805	342.348	
37)	L8 AR-1262-2	7.298	7.259	625.7E6	219.7E6	420.786	426.060	
38)	L8 AR-1262-3	7.581	7.540	132.2E6	45068391	223.921	241.621	
39)	L8 AR-1262-4	7.644	7.603	391.6E6	119.6E6	393.926	415.235	
40)	L8 AR-1262-5	8.140	8.097	134.0E6	28276856	308.739	284.180	
41)	L9 AR-1268-1	7.581	7.540	132.2E6	45068391	75.476	87.028	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:57
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: Aug 13 16:12:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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	7.644	7.603	391.6E6	119.6E6	265.867	281.441
43) L9	AR-1268-3	7.851	7.808	6439197	1573141	5.142	4.897
44) L9	AR-1268-4	8.140	8.097	134.0E6	28276856	278.111	254.070
45) L9	AR-1268-5	8.433	8.384	31144804	8286726	9.277	11.325

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

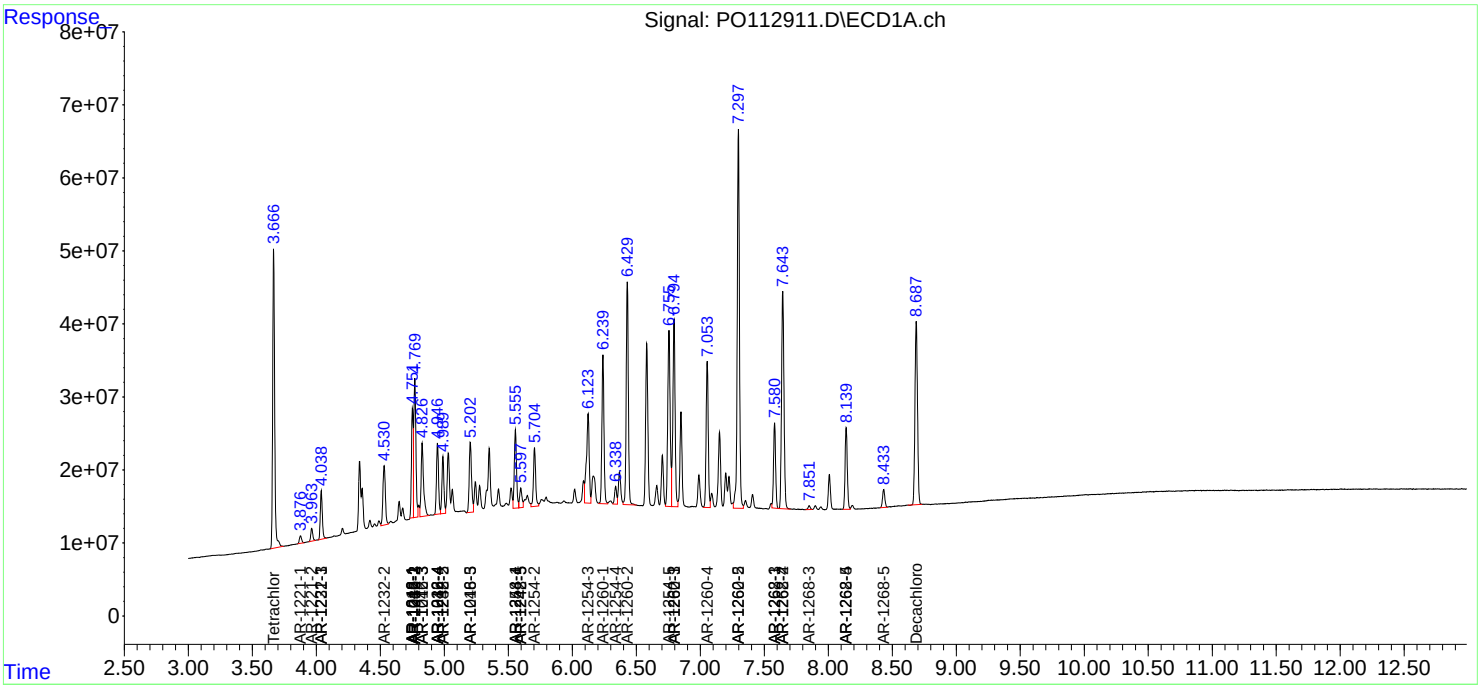
Quantitation Report (Not Reviewed)

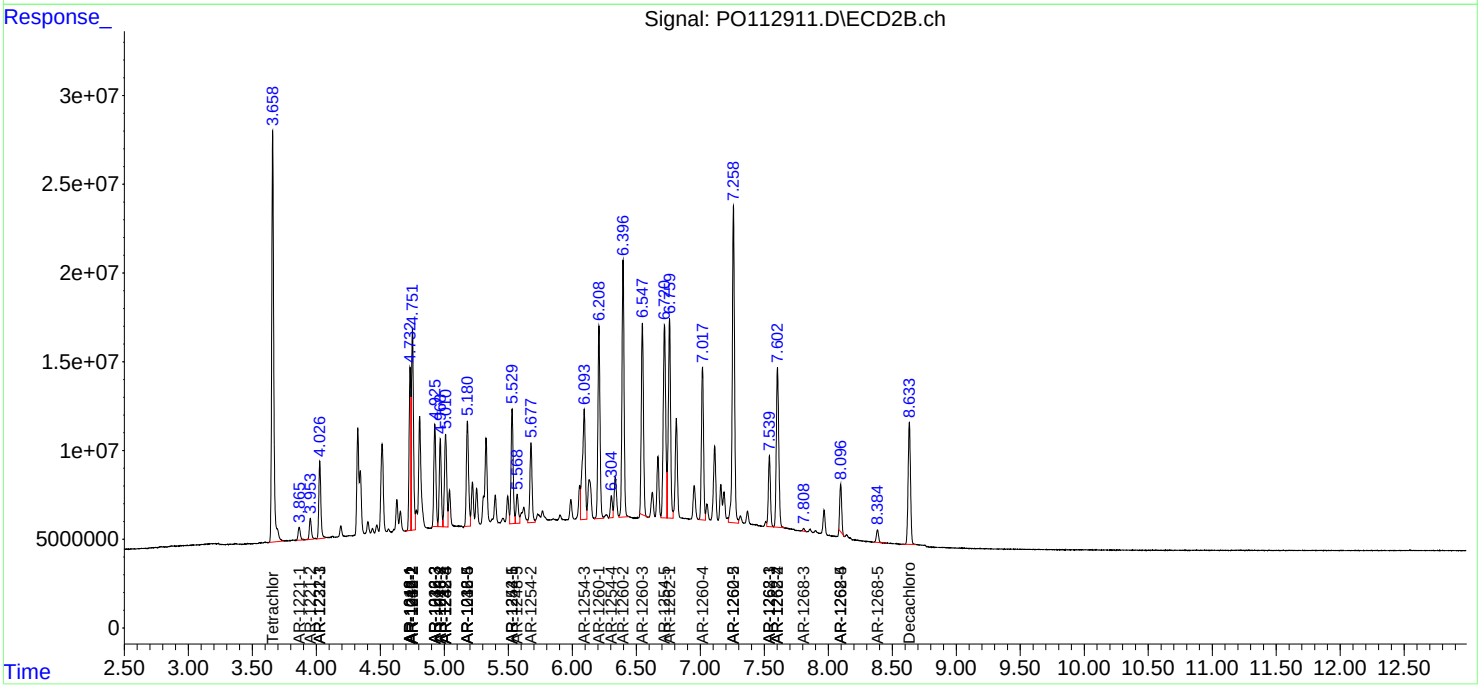
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 15:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

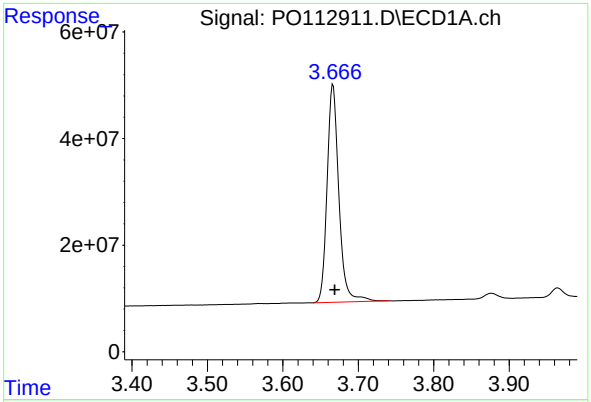
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 16:12:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



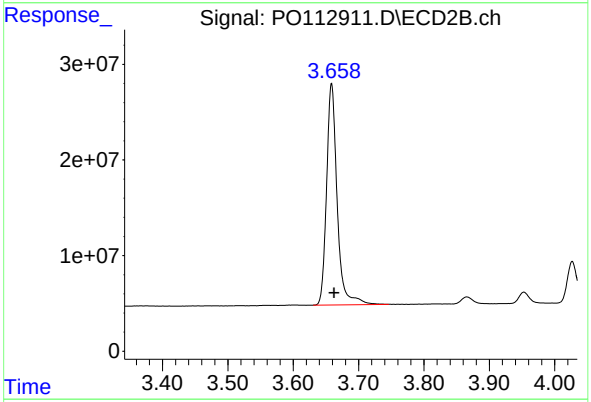




#1 Tetrachloro-m-xylene

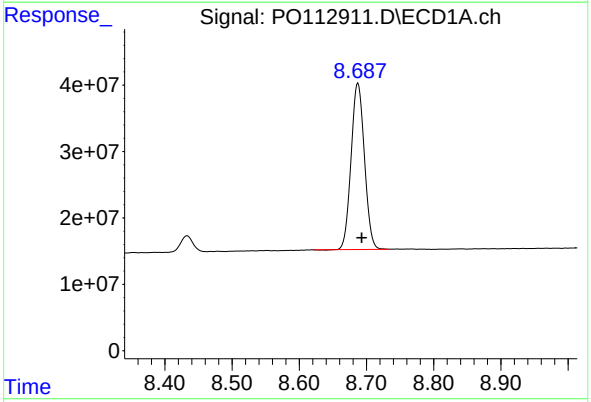
R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 443617072
Conc: 54.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



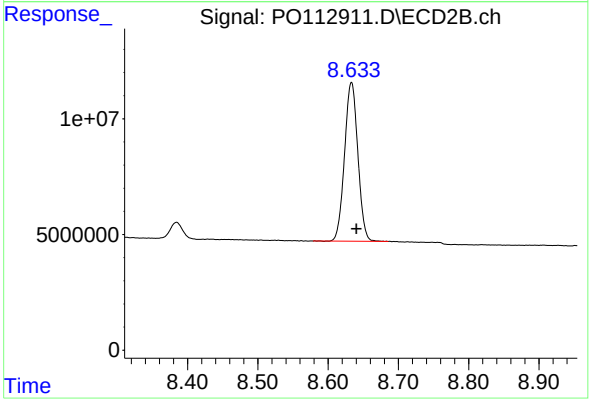
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 260368918
Conc: 52.40 ng/ml



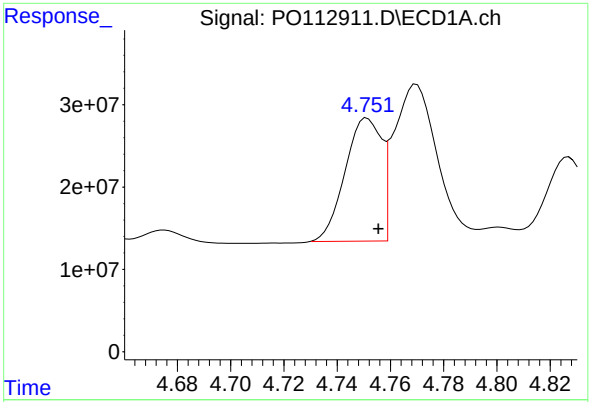
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.005 min
Response: 345555726
Conc: 47.26 ng/ml



#2 Decachlorobiphenyl

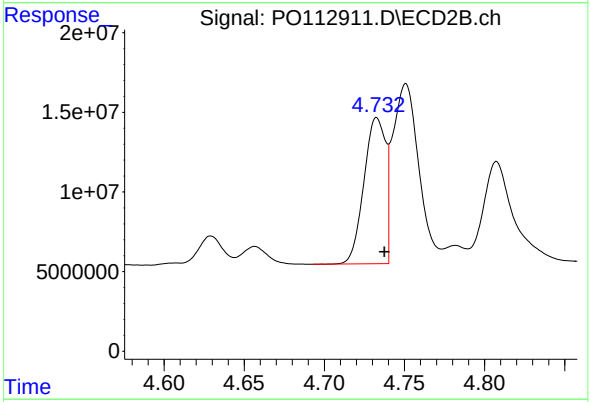
R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 90170394
Conc: 51.03 ng/ml



#3 AR-1016-1

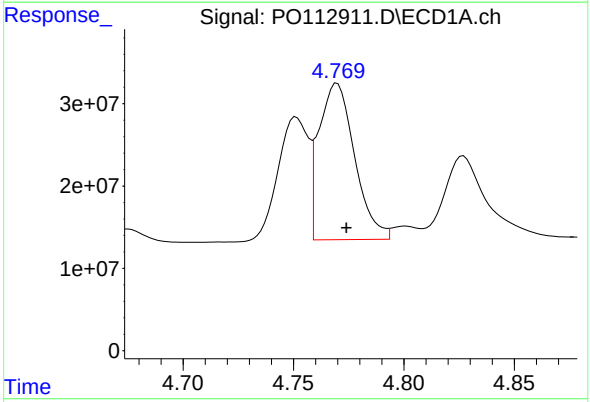
R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 142040922
Conc: 529.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



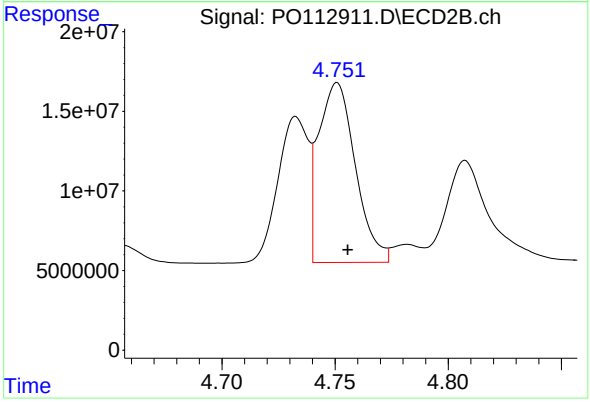
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 85960622
Conc: 491.18 ng/ml



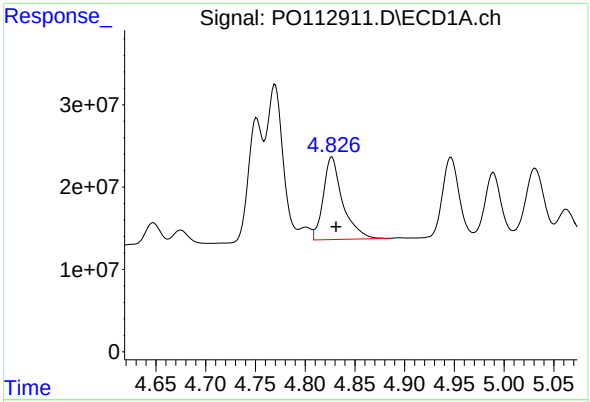
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 214921660
Conc: 529.21 ng/ml



#4 AR-1016-2

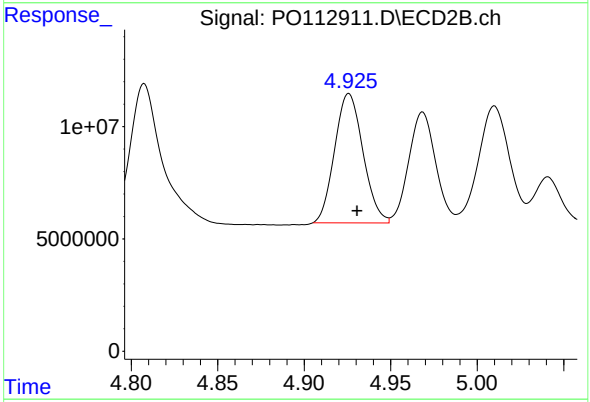
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 127896655
Conc: 490.98 ng/ml



#5 AR-1016-3

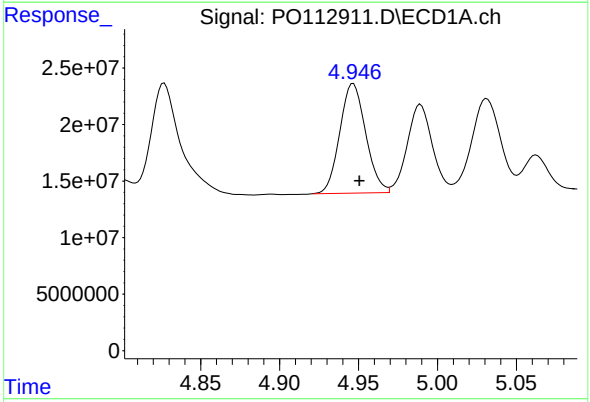
R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 135909531
Conc: 519.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



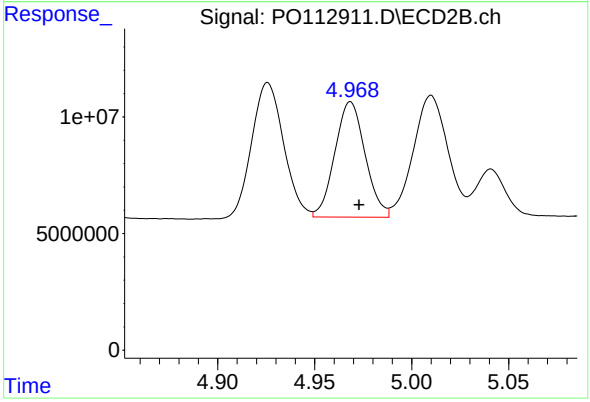
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 65615401
Conc: 482.59 ng/ml



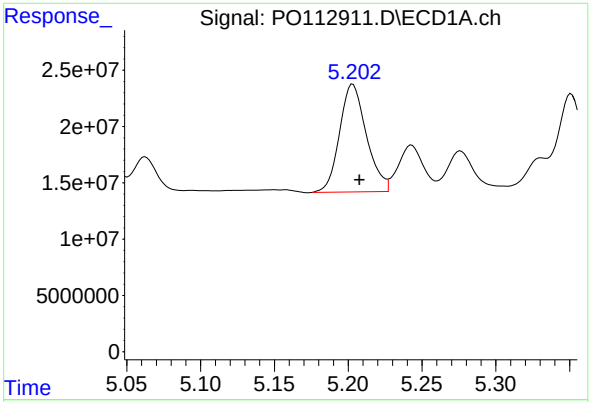
#6 AR-1016-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 110711992
Conc: 522.62 ng/ml



#6 AR-1016-4

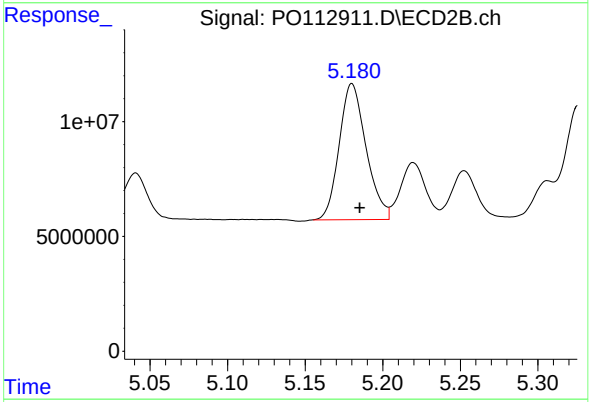
R.T.: 4.968 min
Delta R.T.: -0.004 min
Response: 53827690
Conc: 484.56 ng/ml



#7 AR-1016-5

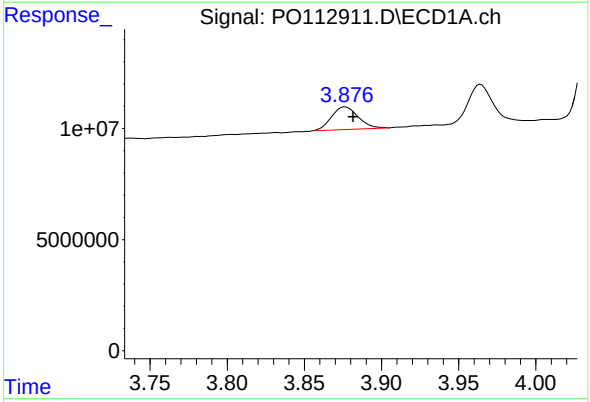
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 121287928
Conc: 552.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



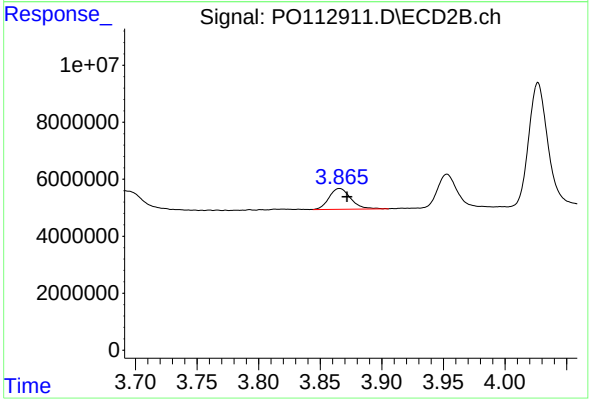
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 71424010
Conc: 498.41 ng/ml



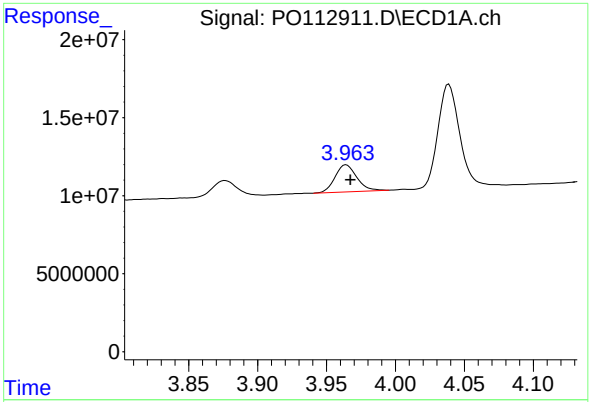
#8 AR-1221-1

R.T.: 3.877 min
Delta R.T.: -0.005 min
Response: 12227155
Conc: 126.50 ng/ml



#8 AR-1221-1

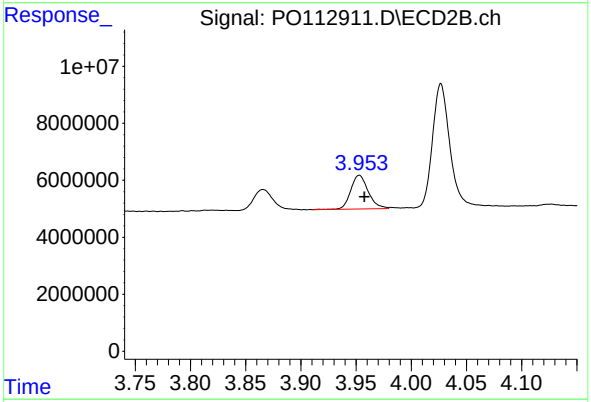
R.T.: 3.866 min
Delta R.T.: -0.006 min
Response: 8954479
Conc: 133.12 ng/ml



#9 AR-1221-2

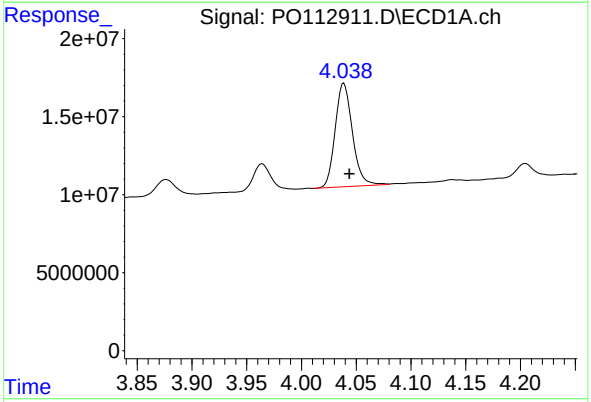
R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 18999149
Conc: 264.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



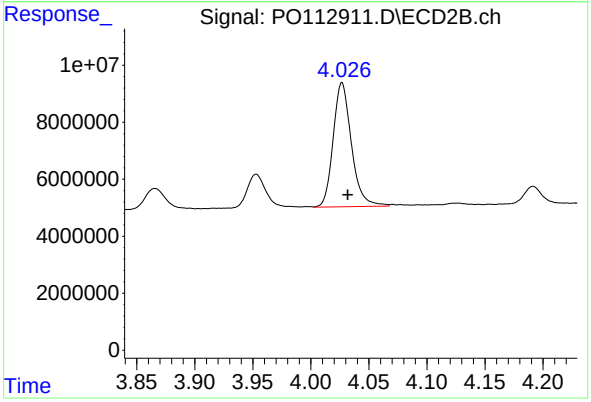
#9 AR-1221-2

R.T.: 3.953 min
Delta R.T.: -0.005 min
Response: 13180825
Conc: 259.83 ng/ml



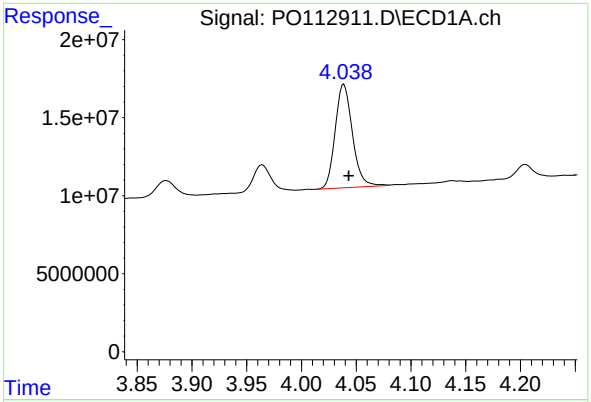
#10 AR-1221-3

R.T.: 4.039 min
Delta R.T.: -0.005 min
Response: 72765880
Conc: 306.11 ng/ml



#10 AR-1221-3

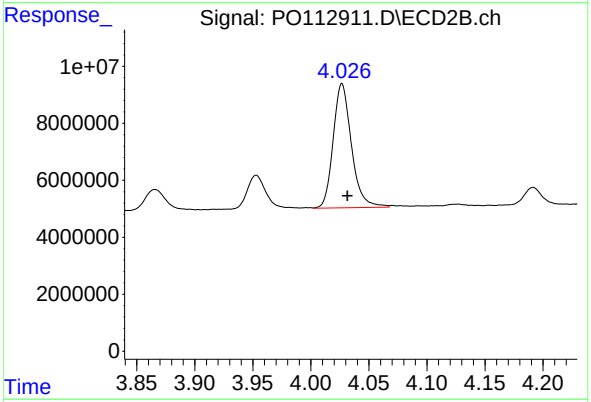
R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 47802557
Conc: 301.54 ng/ml



#11 AR-1232-1

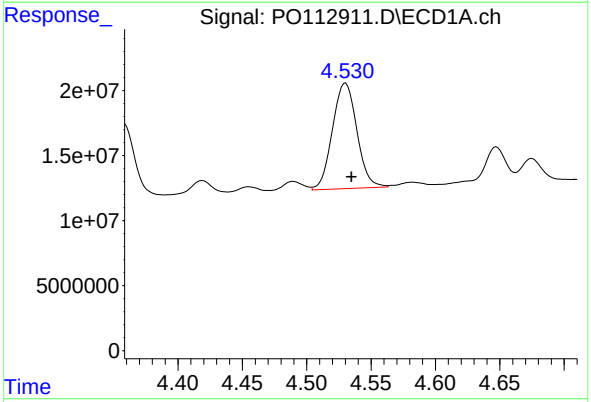
R.T.: 4.039 min
Delta R.T.: -0.004 min
Response: 72765880
Conc: 389.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



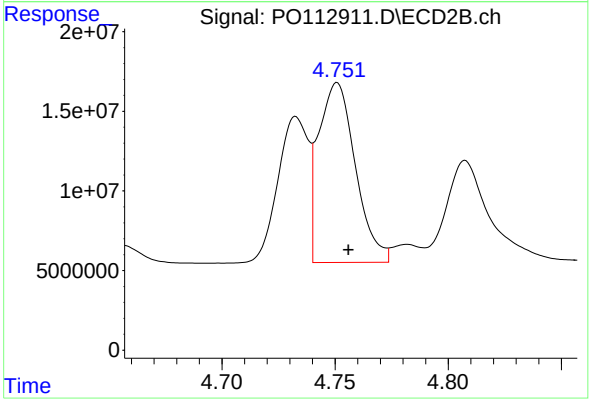
#11 AR-1232-1

R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 47802557
Conc: 377.74 ng/ml



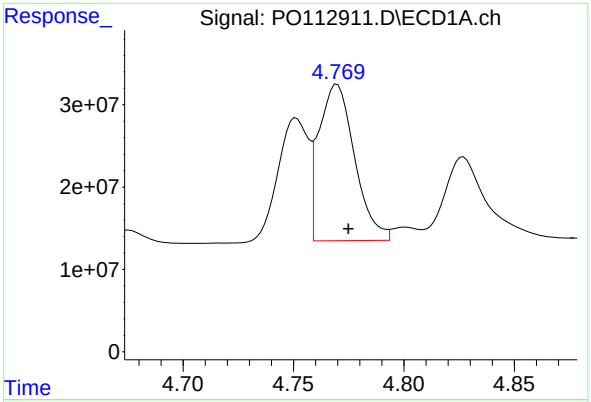
#12 AR-1232-2

R.T.: 4.530 min
Delta R.T.: -0.005 min
Response: 107479934
Conc: 998.65 ng/ml



#12 AR-1232-2

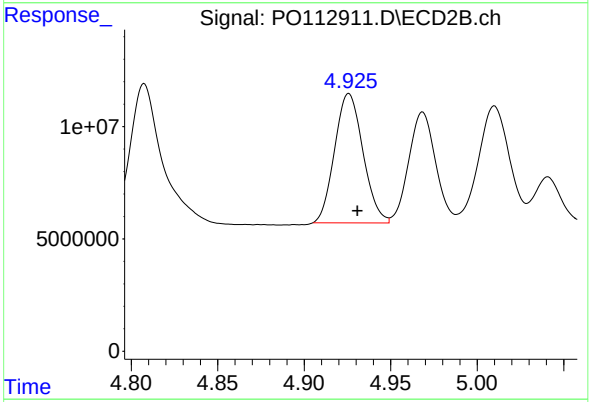
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 127896655
Conc: 975.16 ng/ml



#13 AR-1232-3

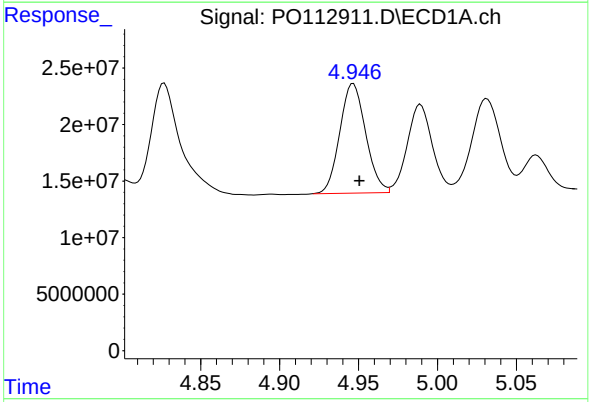
R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 214921660
Conc: 1039.28 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



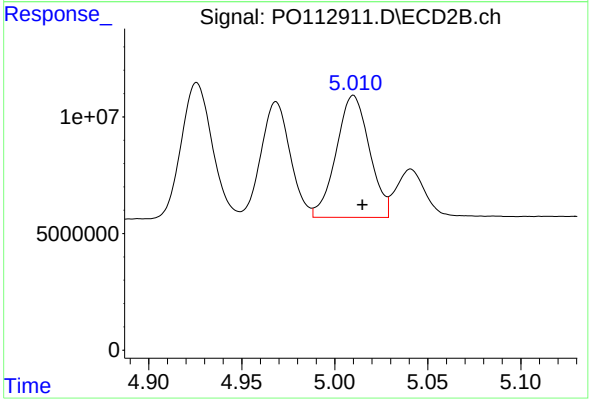
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 65615401
Conc: 976.47 ng/ml



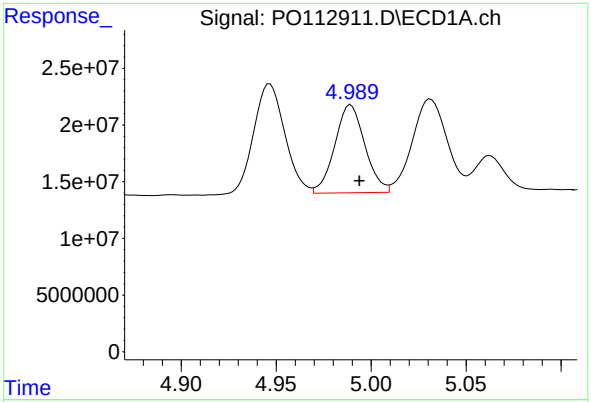
#14 AR-1232-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 110711992
Conc: 1057.01 ng/ml



#14 AR-1232-4

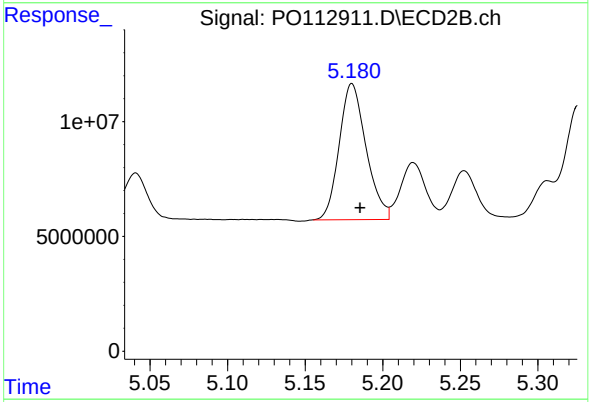
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 65047580
Conc: 1087.22 ng/ml



#15 AR-1232-5

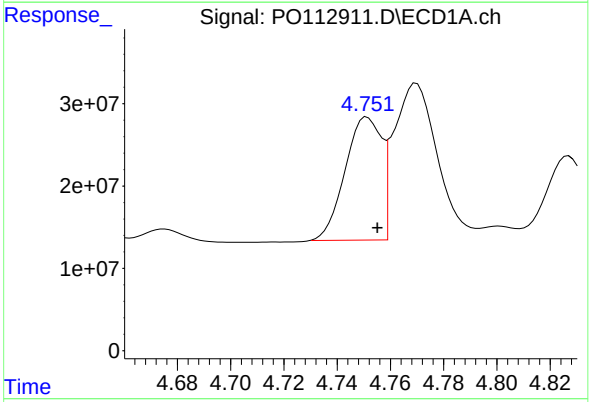
R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 85696547
Conc: 1262.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



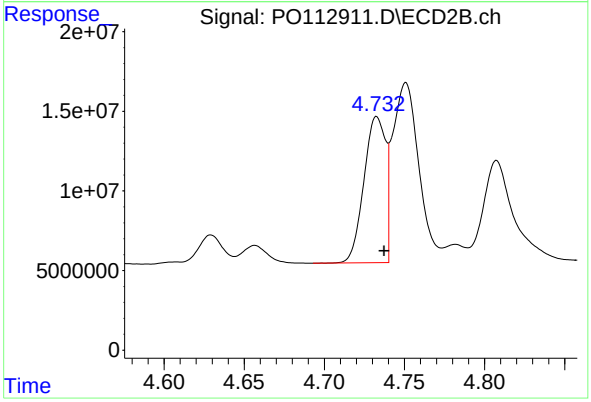
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 71424010
Conc: 1095.41 ng/ml



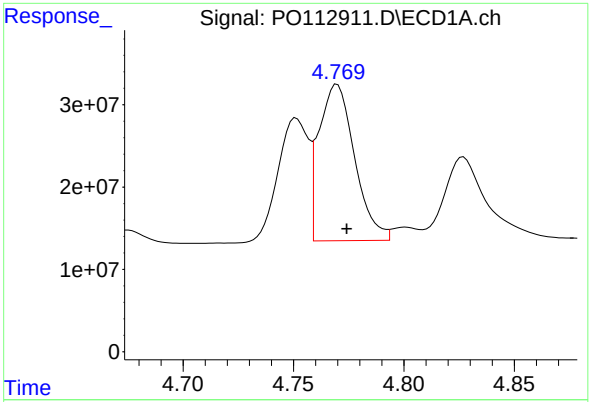
#16 AR-1242-1

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 142040922
Conc: 573.69 ng/ml



#16 AR-1242-1

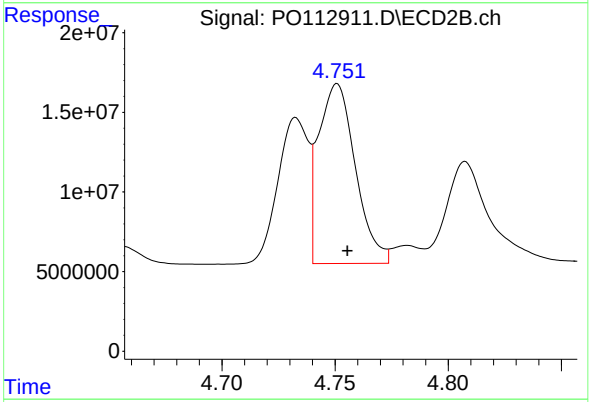
R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 85960622
Conc: 542.70 ng/ml



#17 AR-1242-2

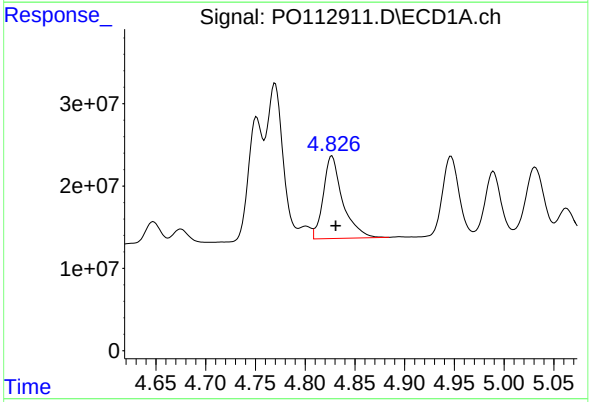
R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 214921660
Conc: 581.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



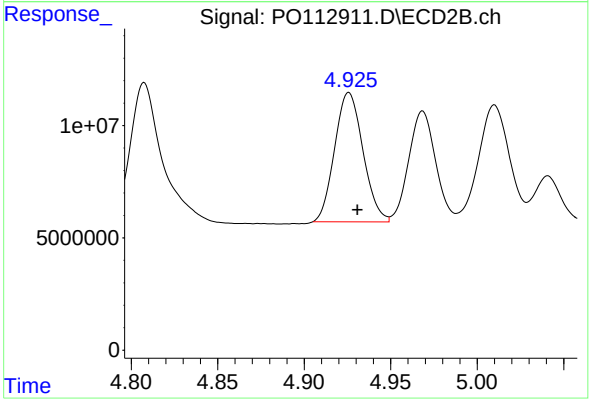
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 127896655
Conc: 547.35 ng/ml



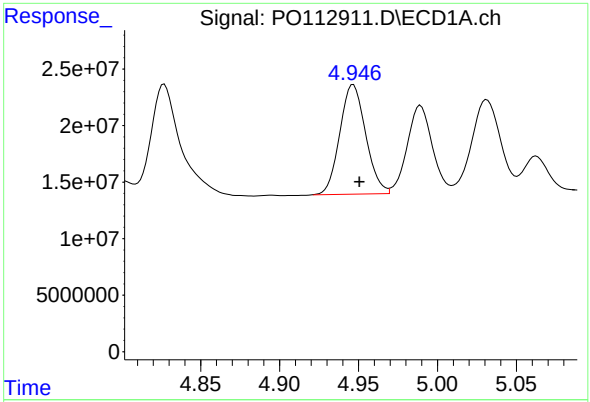
#18 AR-1242-3

R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 135909531
Conc: 574.29 ng/ml



#18 AR-1242-3

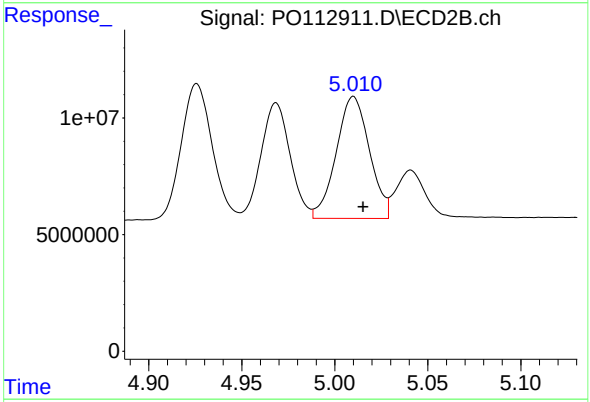
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 65615401
Conc: 541.43 ng/ml



#19 AR-1242-4

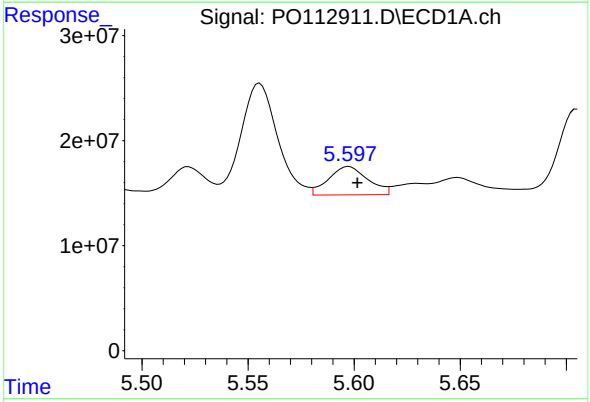
R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 110711992
Conc: 569.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



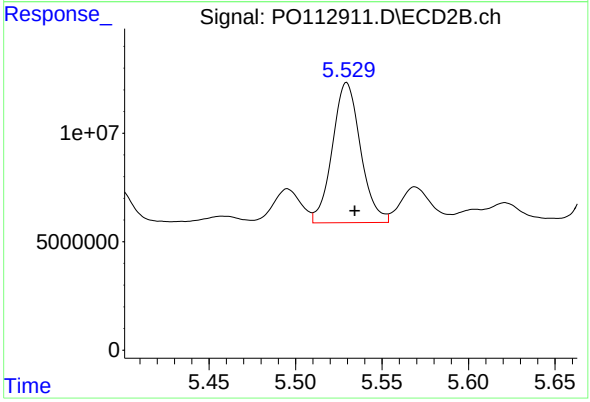
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 65047580
Conc: 529.97 ng/ml



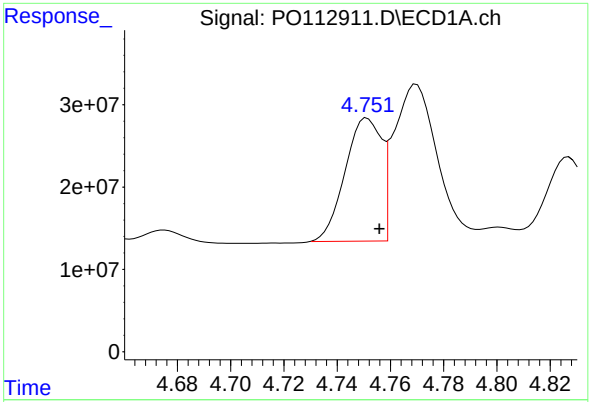
#20 AR-1242-5

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 34796267
Conc: 162.66 ng/ml



#20 AR-1242-5

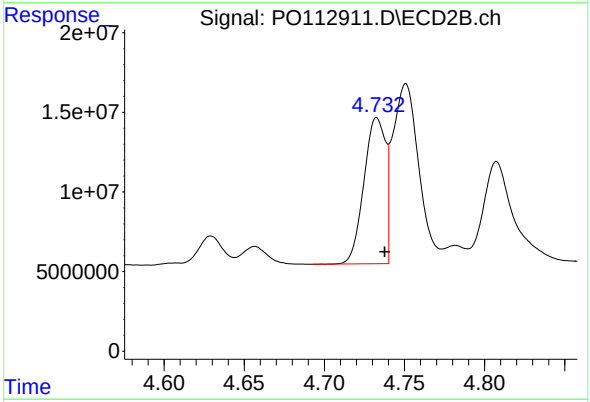
R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 73102140
Conc: 454.13 ng/ml



#21 AR-1248-1

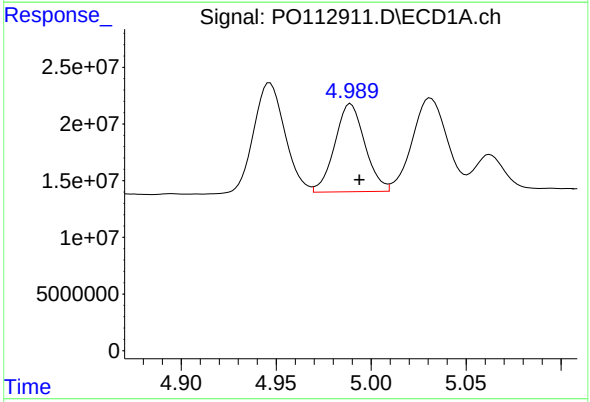
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 142040922
Conc: 758.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



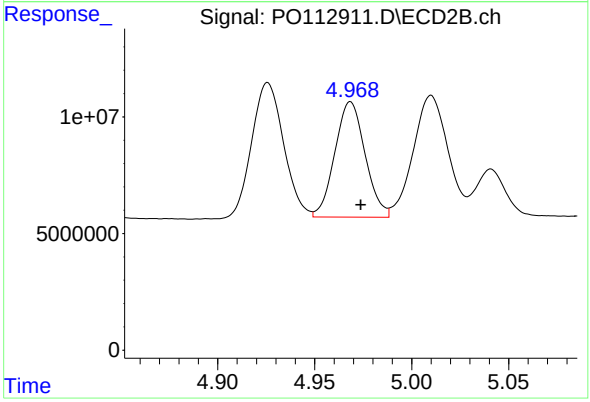
#21 AR-1248-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 85960622
Conc: 707.44 ng/ml



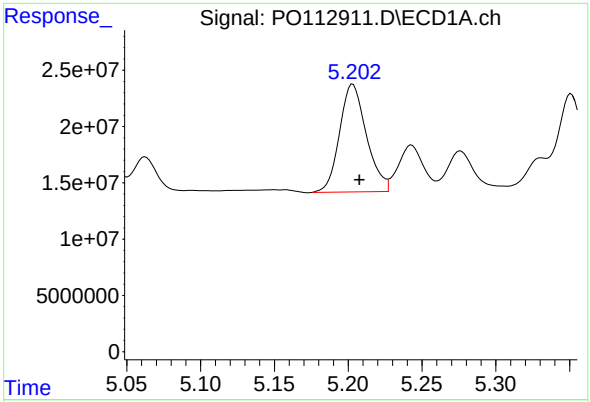
#22 AR-1248-2

R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 85696547
Conc: 335.92 ng/ml



#22 AR-1248-2

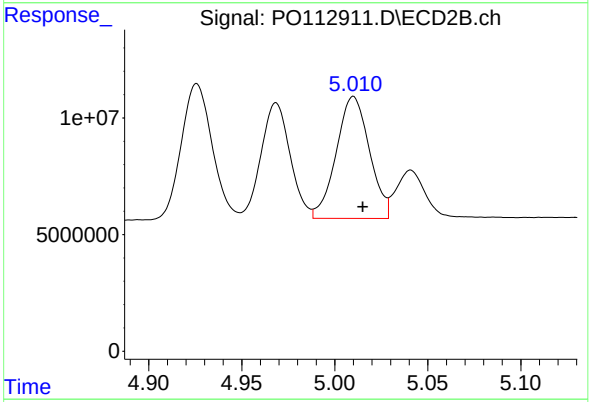
R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 53827690
Conc: 317.98 ng/ml



#23 AR-1248-3

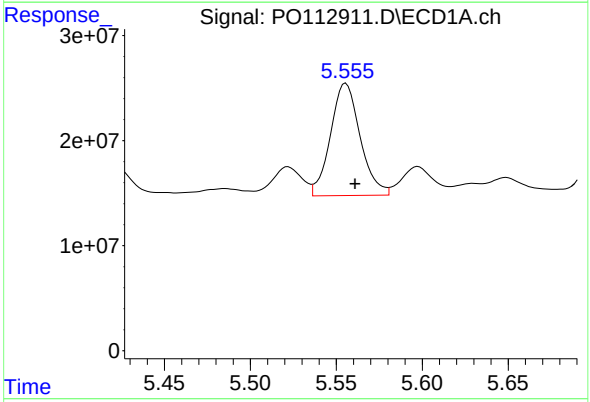
R.T.: 5.203 min
Delta R.T.: -0.005 min
Response: 121287928
Conc: 352.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



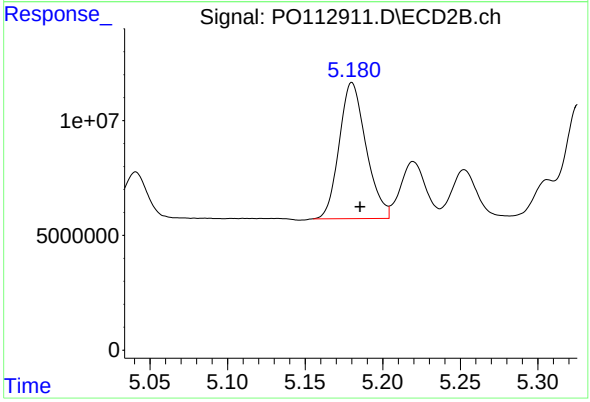
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 65047580
Conc: 366.16 ng/ml



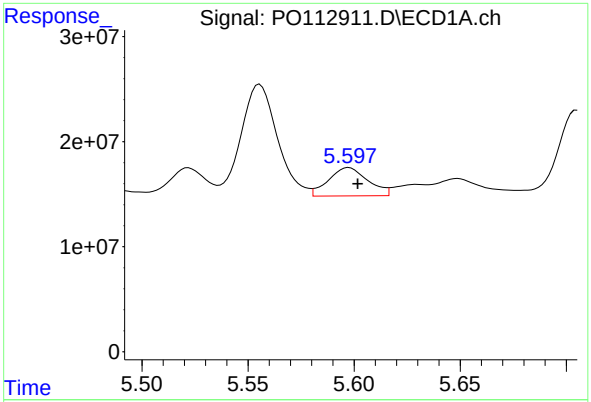
#24 AR-1248-4

R.T.: 5.556 min
Delta R.T.: -0.005 min
Response: 128766909
Conc: 253.44 ng/ml



#24 AR-1248-4

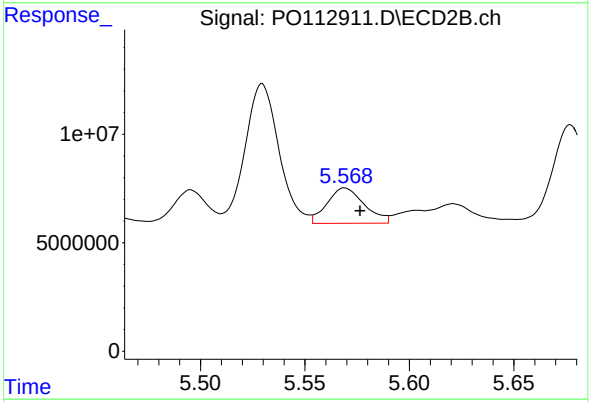
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 71424010
Conc: 342.80 ng/ml



#25 AR-1248-5

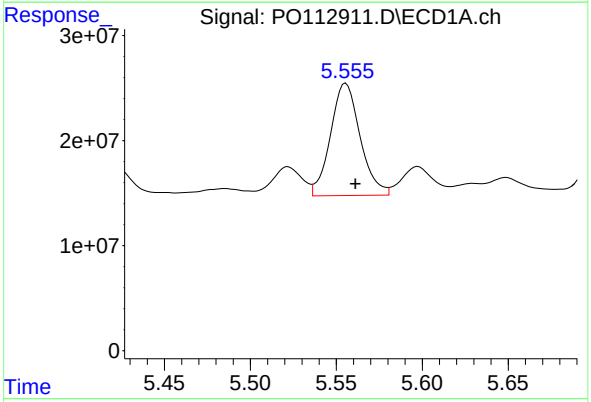
R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 34796267
Conc: 99.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



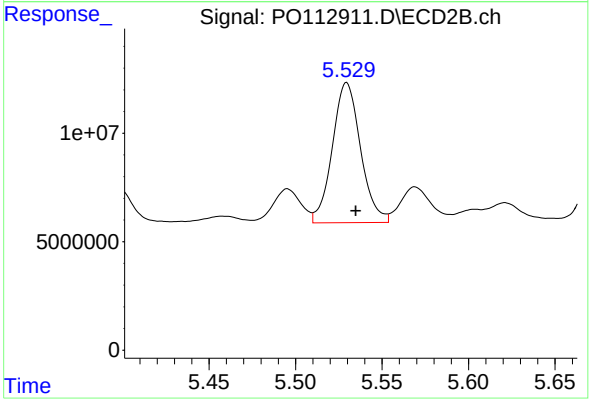
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: -0.007 min
Response: 20281133
Conc: 94.43 ng/ml



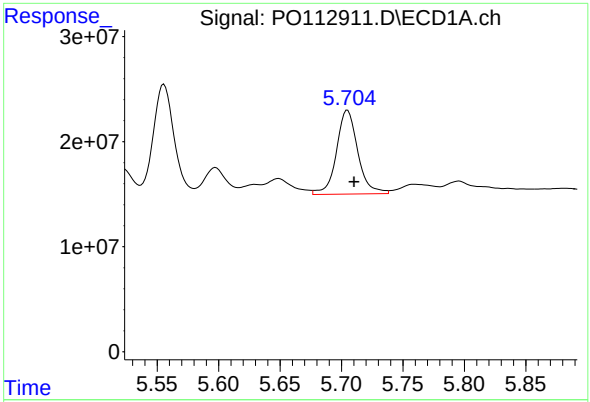
#26 AR-1254-1

R.T.: 5.556 min
Delta R.T.: -0.006 min
Response: 128766909
Conc: 234.57 ng/ml



#26 AR-1254-1

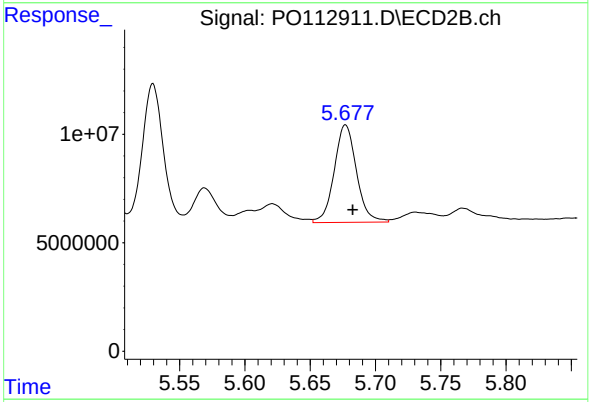
R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 73102140
Conc: 222.45 ng/ml



#27 AR-1254-2

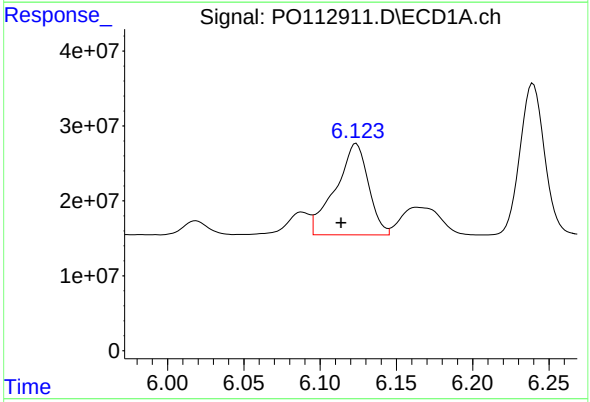
R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 96614459
Conc: 198.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



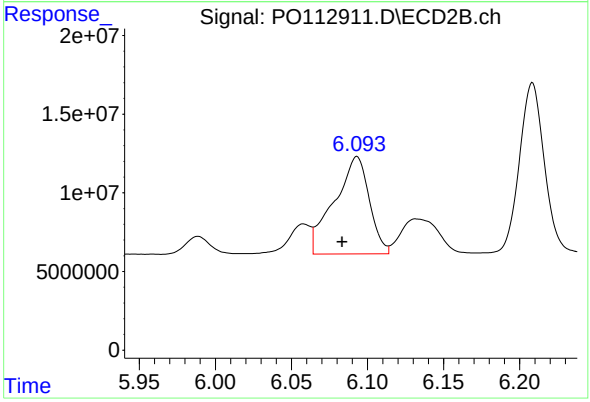
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 53317909
Conc: 184.18 ng/ml



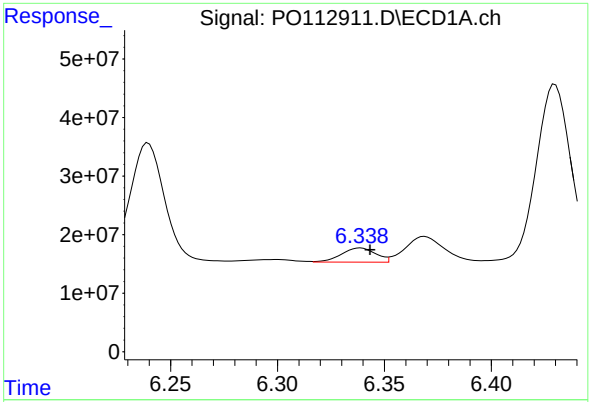
#28 AR-1254-3

R.T.: 6.124 min
Delta R.T.: 0.010 min
Response: 183501186
Conc: 246.55 ng/ml



#28 AR-1254-3

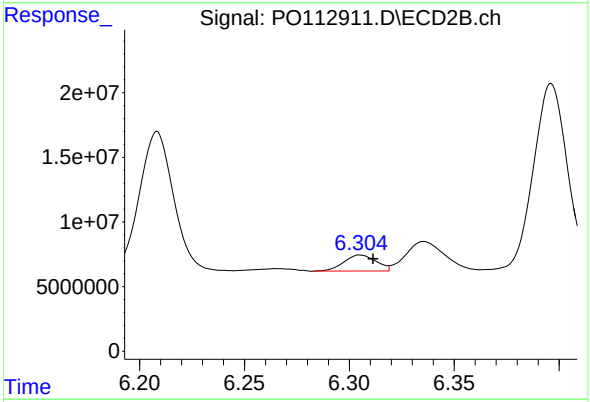
R.T.: 6.093 min
Delta R.T.: 0.010 min
Response: 99137696
Conc: 231.92 ng/ml



#29 AR-1254-4

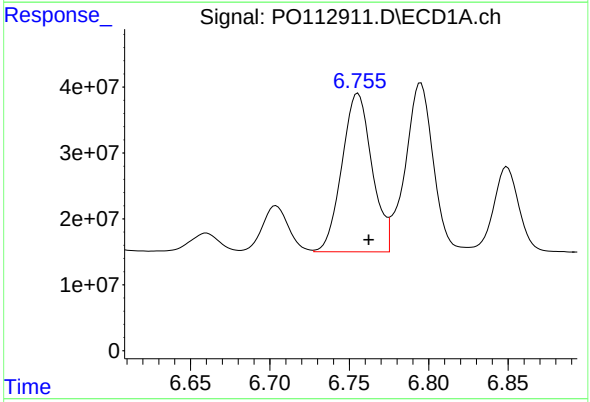
R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 26916636
Conc: 48.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



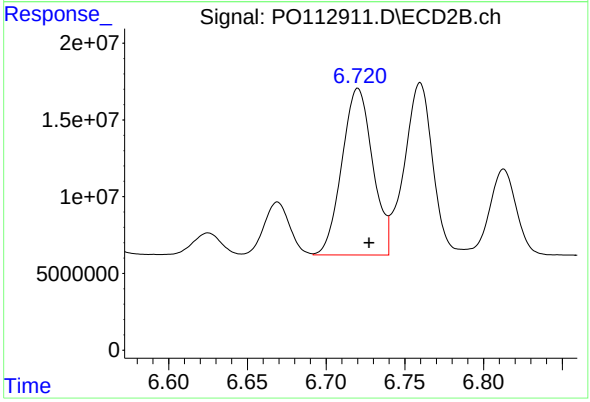
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.006 min
Response: 13255522
Conc: 48.56 ng/ml



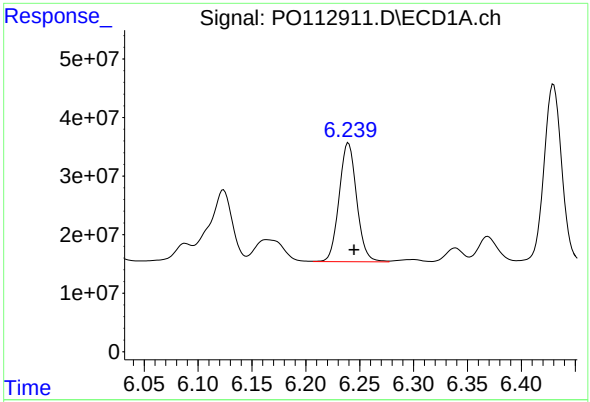
#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 317204398
Conc: 448.14 ng/ml



#30 AR-1254-5

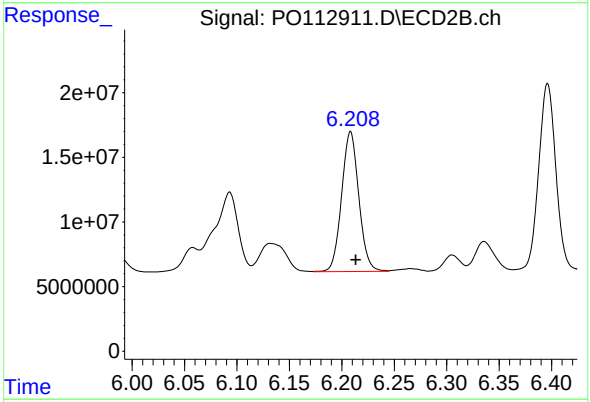
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 147865481
Conc: 442.68 ng/ml



#31 AR-1260-1

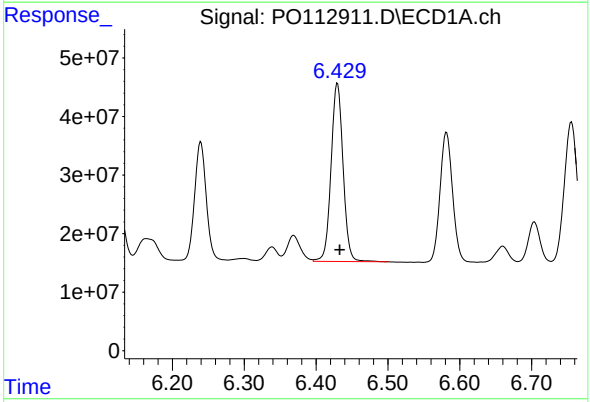
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 229991344
Conc: 523.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



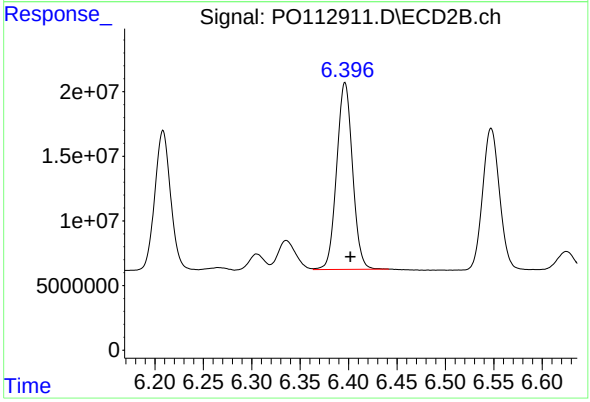
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 123609491
Conc: 497.40 ng/ml



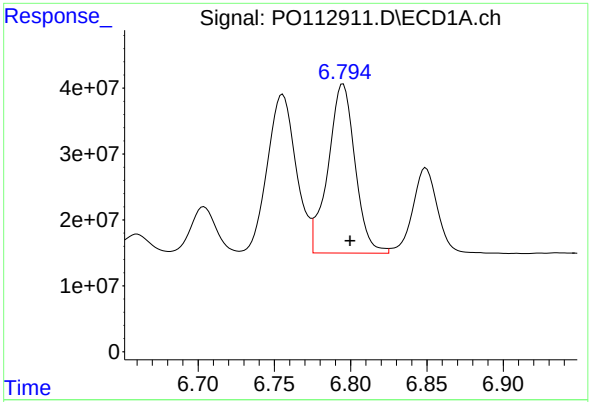
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 351950597
Conc: 511.64 ng/ml



#32 AR-1260-2

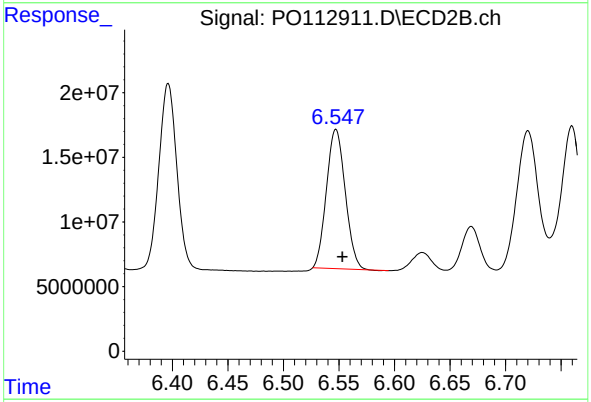
R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 165066255
Conc: 500.97 ng/ml



#33 AR-1260-3

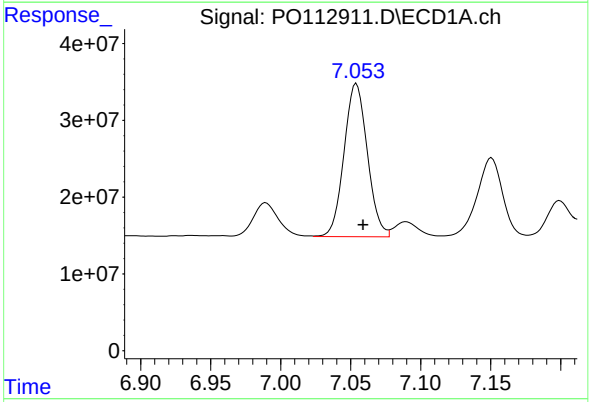
R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 315749212
Conc: 536.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



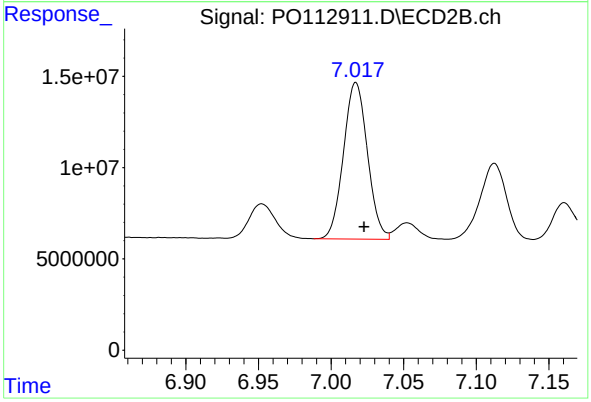
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 127119579
Conc: 494.78 ng/ml



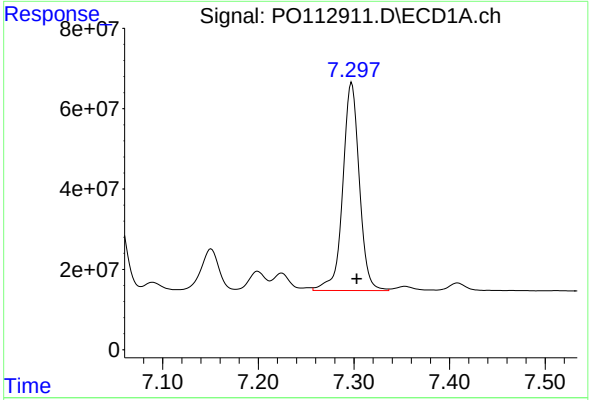
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 231251080
Conc: 512.75 ng/ml



#34 AR-1260-4

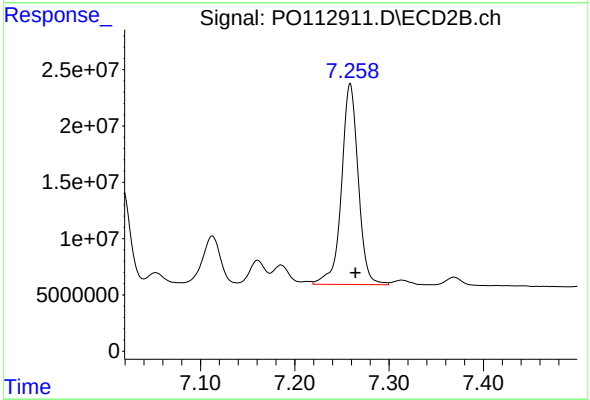
R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 98548784
Conc: 515.12 ng/ml



#35 AR-1260-5

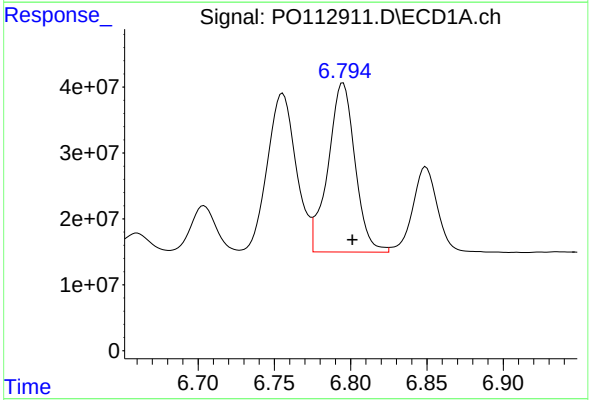
R.T.: 7.298 min
Delta R.T.: -0.005 min
Response: 625715592
Conc: 504.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



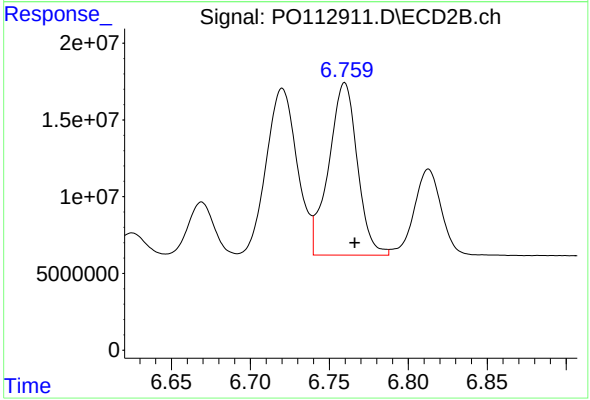
#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 219653511
Conc: 532.89 ng/ml



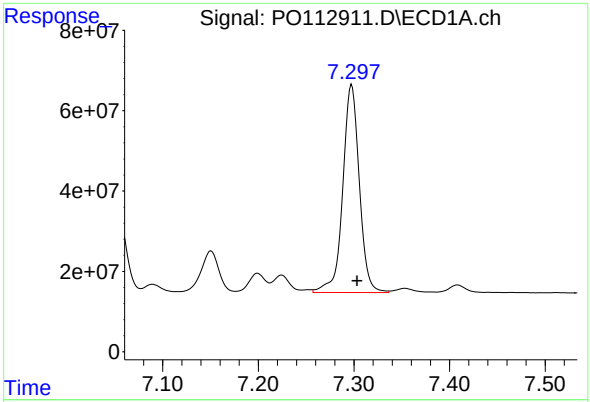
#36 AR-1262-1

R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 315749212
Conc: 339.80 ng/ml



#36 AR-1262-1

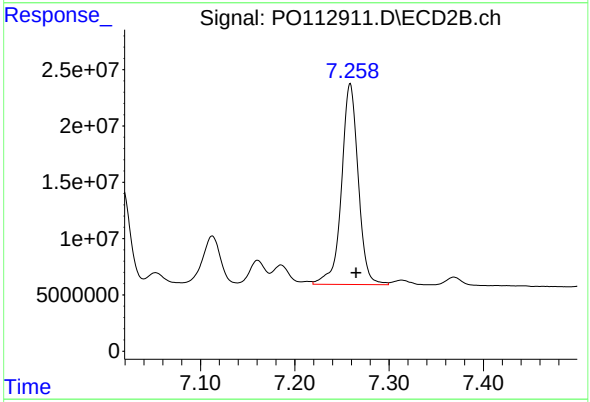
R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 142015716
Conc: 342.35 ng/ml



#37 AR-1262-2

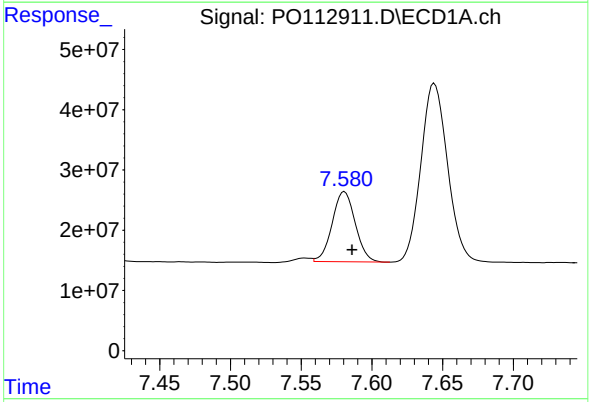
R.T.: 7.298 min
Delta R.T.: -0.006 min
Response: 625715592
Conc: 420.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



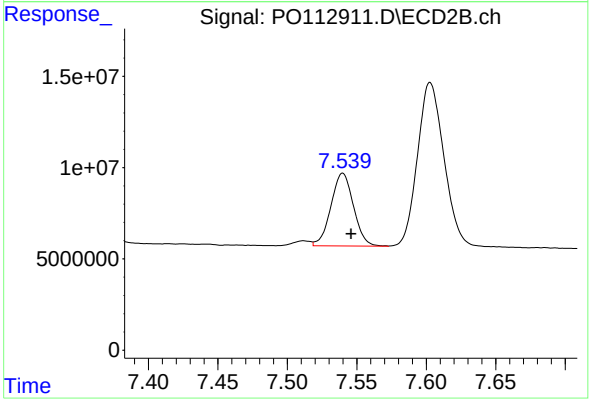
#37 AR-1262-2

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 219653511
Conc: 426.06 ng/ml



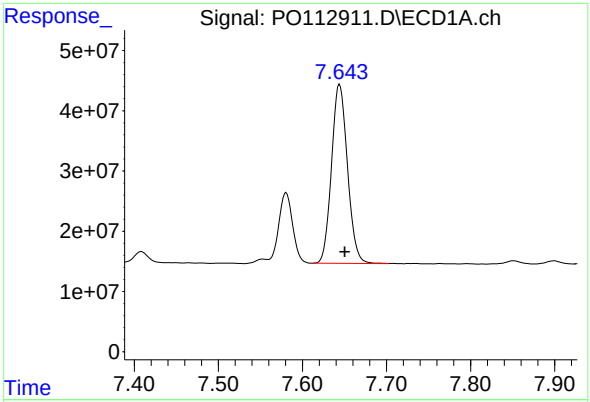
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 132169714
Conc: 223.92 ng/ml



#38 AR-1262-3

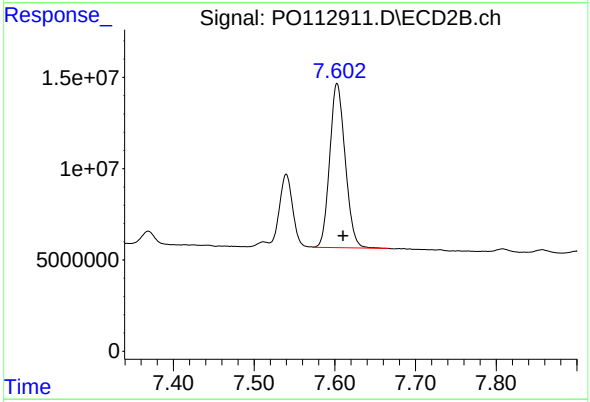
R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 45068391
Conc: 241.62 ng/ml



#39 AR-1262-4

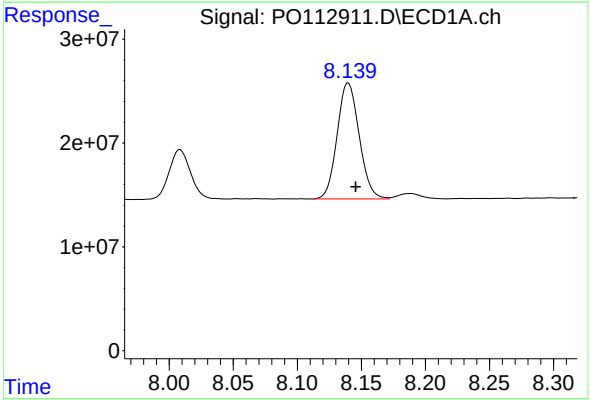
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 391628420
Conc: 393.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



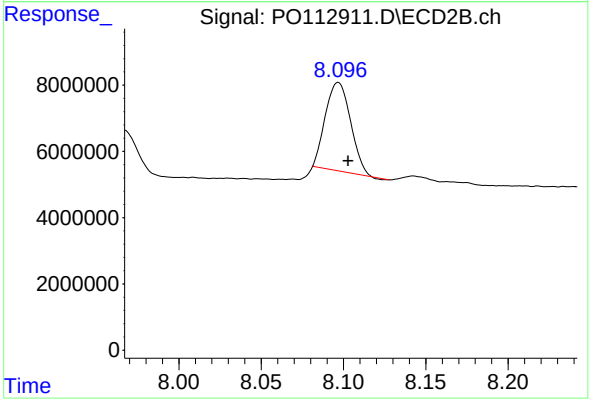
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 119630574
Conc: 415.23 ng/ml



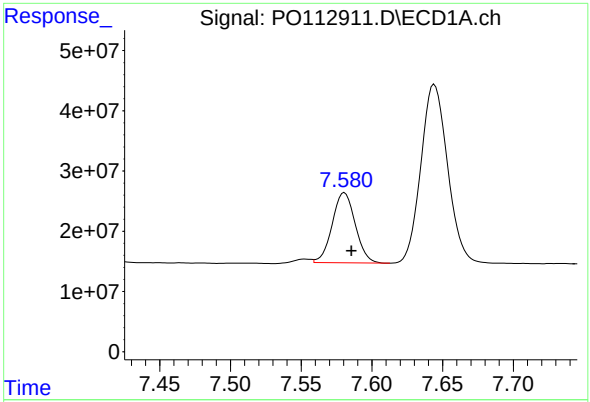
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 134011501
Conc: 308.74 ng/ml



#40 AR-1262-5

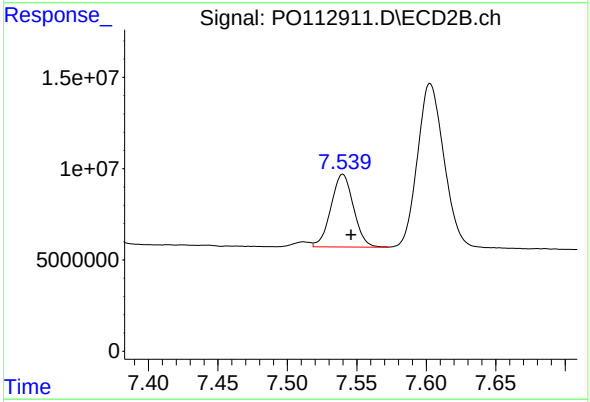
R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 28276856
Conc: 284.18 ng/ml



#41 AR-1268-1

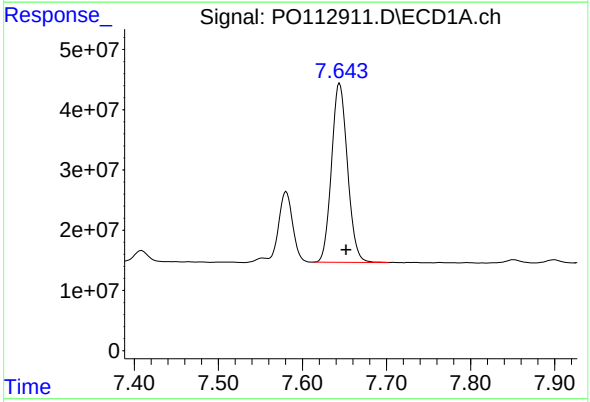
R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 132169714
Conc: 75.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



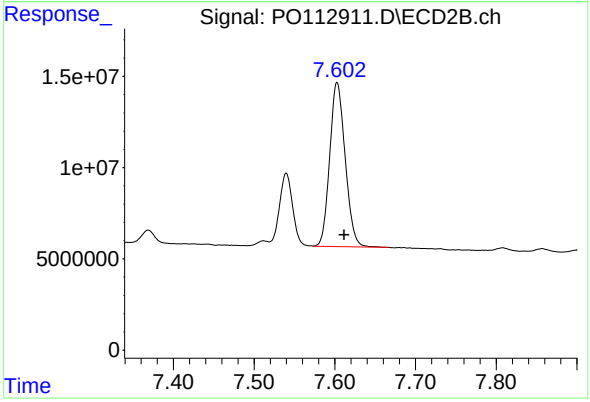
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 45068391
Conc: 87.03 ng/ml



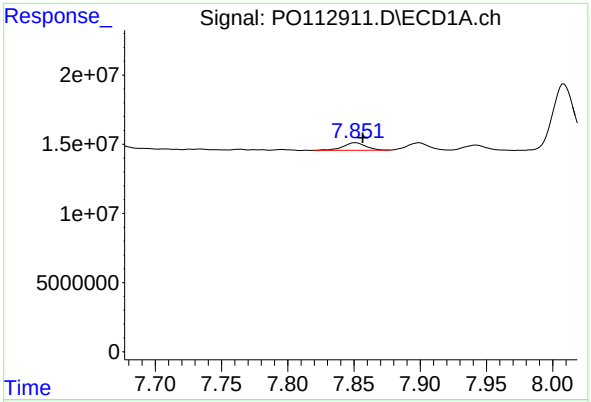
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.008 min
Response: 391628420
Conc: 265.87 ng/ml



#42 AR-1268-2

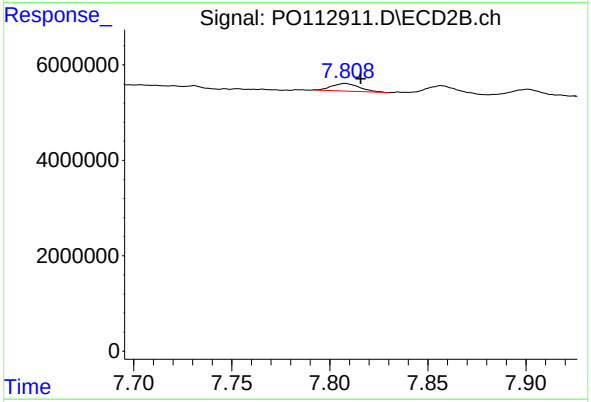
R.T.: 7.603 min
Delta R.T.: -0.009 min
Response: 119630574
Conc: 281.44 ng/ml



#43 AR-1268-3

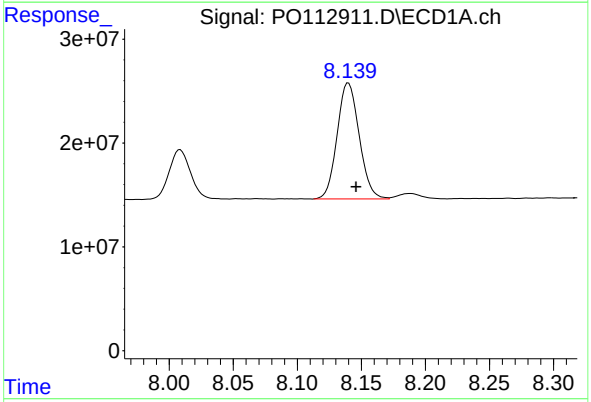
R.T.: 7.851 min
Delta R.T.: -0.006 min
Response: 6439197
Conc: 5.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



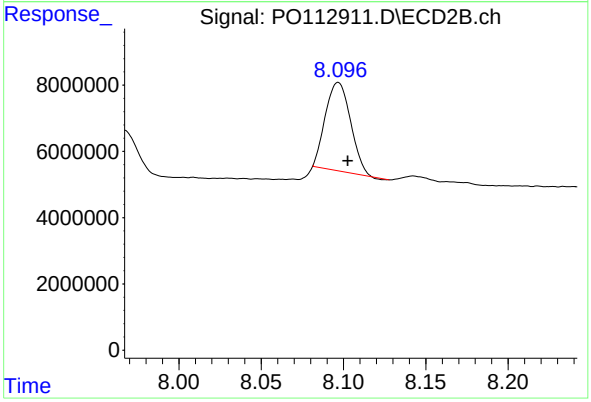
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: -0.008 min
Response: 1573141
Conc: 4.90 ng/ml



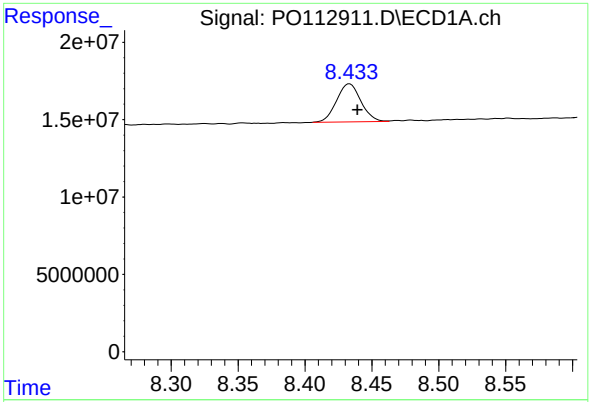
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 134011501
Conc: 278.11 ng/ml



#44 AR-1268-4

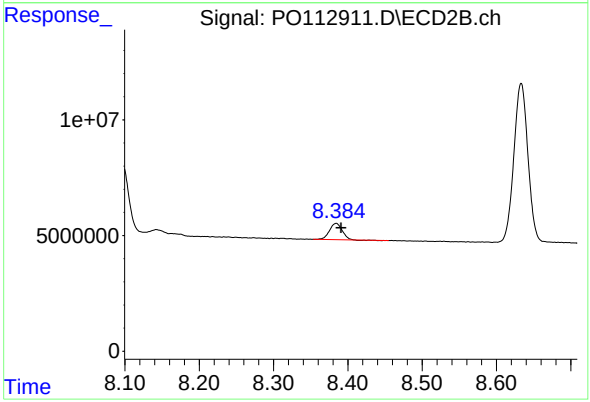
R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 28276856
Conc: 254.07 ng/ml



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.006 min
Response: 31144804
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.384 min
Delta R.T.: -0.007 min
Response: 8286726
Conc: 11.32 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:35
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: Aug 14 05:09:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.666	3.659	442.1E6	261.1E6	54.365	52.543	
2)	SA Decachlor...	8.686	8.633	354.4E6	92139911	48.475	52.142	
	Target Compounds							
3)	L1 AR-1016-1	4.750	4.733	139.9E6	86571706	521.249	494.676	
4)	L1 AR-1016-2	4.769	4.751	215.6E6	129.0E6	530.909	495.152	
5)	L1 AR-1016-3	4.826	4.926	136.0E6	66642752	519.887	490.141	
6)	L1 AR-1016-4	4.945	4.969	110.8E6	54331744	523.175	489.102	
7)	L1 AR-1016-5	5.202	5.180	127.8E6	72578166	582.327	506.466	
8)	L2 AR-1221-1	3.876	3.867	12519860	8816217	129.525	131.065	
9)	L2 AR-1221-2	3.964	3.954	18477029	13287394	257.118	261.934	
10)	L2 AR-1221-3	4.038	4.028	72695851	48509281	305.816	305.996	
11)	L3 AR-1232-1	4.038	4.028	72695851	48509281	388.792	383.321	
12)	L3 AR-1232-2	4.529	4.751	106.3E6	129.0E6	988.037	983.454	
13)	L3 AR-1232-3	4.769	4.926	215.6E6	66642752	1042.612	991.755	
14)	L3 AR-1232-4	4.945	5.010	110.8E6	66615629	1058.143	1113.432	
15)	L3 AR-1232-5	4.988	5.180	83451697	72578166	1229.384	1113.110	
16)	L4 AR-1242-1	4.750	4.733	139.9E6	86571706	564.983	546.559	
17)	L4 AR-1242-2	4.769	4.751	215.6E6	129.0E6	583.059	552.003	
18)	L4 AR-1242-3	4.826	4.926	136.0E6	66642752	574.842	549.907	
19)	L4 AR-1242-4	4.945	5.010	110.8E6	66615629	570.470	542.740	
20)	L4 AR-1242-5	5.596	5.529	36595491	73794156	171.074	458.431	#
21)	L5 AR-1248-1	4.750	4.733	139.9E6	86571706	747.216	712.470	
22)	L5 AR-1248-2	4.988	4.969	83451697	54331744	327.117	320.958	
23)	L5 AR-1248-3	5.202	5.010	127.8E6	66615629	371.845	374.988	
24)	L5 AR-1248-4	5.555	5.180	131.6E6	72578166	259.013	348.340	#
25)	L5 AR-1248-5	5.596	5.570	36595491	20604467	104.681	95.940	
26)	L6 AR-1254-1	5.555	5.529	131.6E6	73794156	239.724	224.557	
27)	L6 AR-1254-2	5.704	5.677	100.1E6	53879920	205.923	186.120	
28)	L6 AR-1254-3	6.123	6.093	181.9E6	98085611	244.356	229.461	
29)	L6 AR-1254-4	6.338	6.306	26267566	12940350	47.785	47.407	
30)	L6 AR-1254-5	6.755	6.720	321.4E6	147.7E6	454.087	442.074	
31)	L7 AR-1260-1	6.239	6.208	228.8E6	122.8E6	520.885	494.281	
32)	L7 AR-1260-2	6.429	6.397	358.3E6	166.6E6	520.878	505.528	
33)	L7 AR-1260-3	6.794	6.548	318.5E6	129.7E6	541.611	504.878	
34)	L7 AR-1260-4	7.053	7.017	229.3E6	97941330	508.446	511.949	
35)	L7 AR-1260-5	7.297	7.259	620.2E6	216.5E6	500.471	525.139	
36)	L8 AR-1262-1	6.794	6.759	318.5E6	140.2E6	342.741	338.075	
37)	L8 AR-1262-2	7.297	7.259	620.2E6	216.5E6	417.045	419.864	
38)	L8 AR-1262-3	7.580	7.540	131.6E6	45021934	222.872	241.372	
39)	L8 AR-1262-4	7.643	7.603	392.9E6	118.8E6	395.208	412.388	
40)	L8 AR-1262-5	8.140	8.096	140.2E6	30443177	323.004	305.951	
41)	L9 AR-1268-1	7.580	7.540	131.6E6	45021934	75.123	86.938	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:35
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: Aug 14 05:09:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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	7.643	7.603	392.9E6	118.8E6	266.732	279.512
43) L9	AR-1268-3	7.851	7.808	6332757	1703910	5.057	5.304
44) L9	AR-1268-4	8.140	8.096	140.2E6	30443177	290.961	273.535
45) L9	AR-1268-5	8.432	8.383	31362747	8494063	9.342	11.608

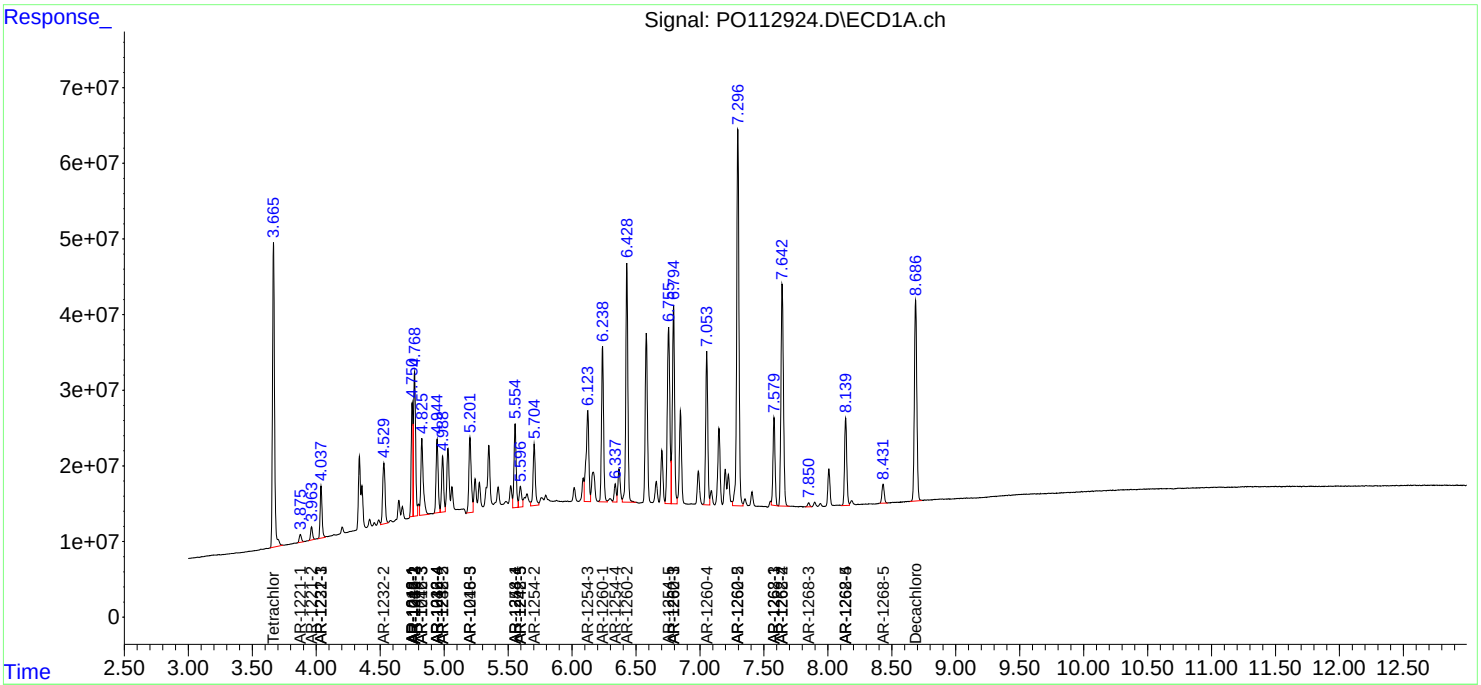
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

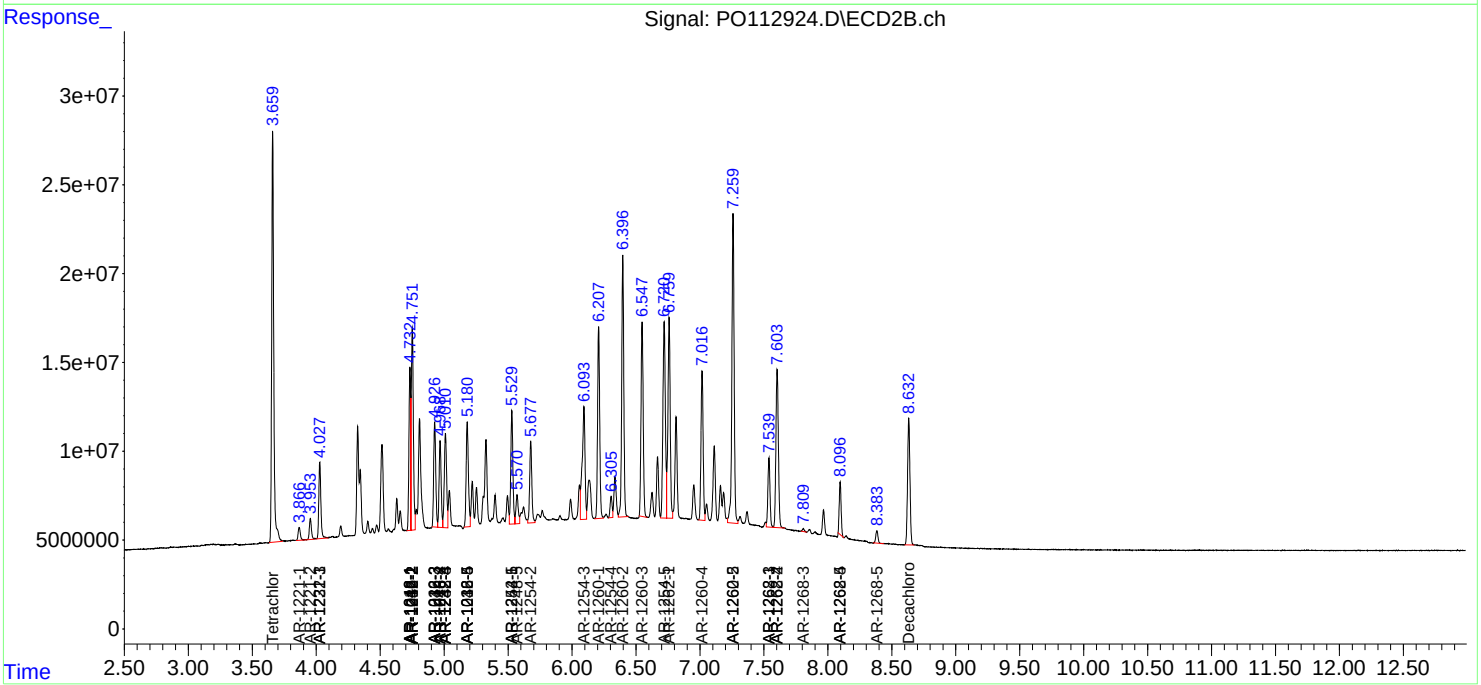
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081325\
Data File : PO112924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

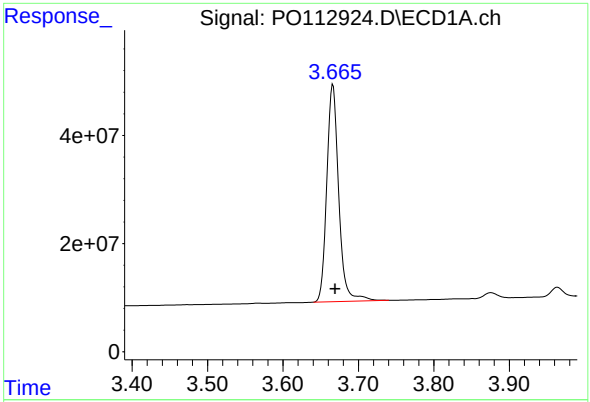
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:09:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



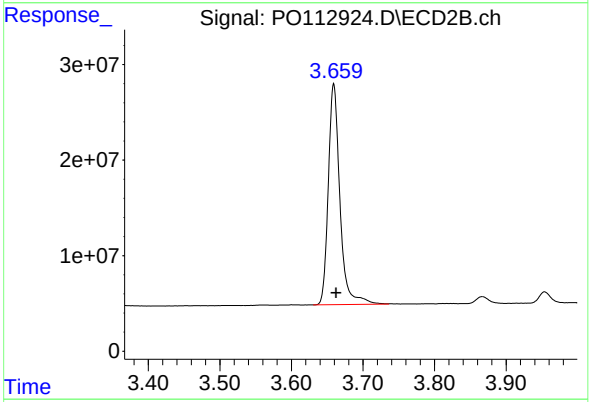




#1 Tetrachloro-m-xylene

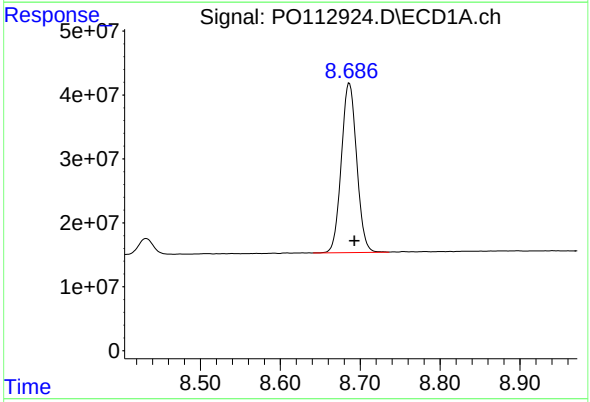
R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 442072920
Conc: 54.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



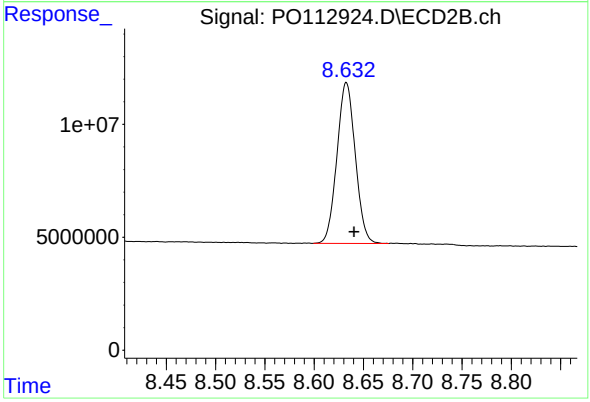
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 261095088
Conc: 52.54 ng/ml



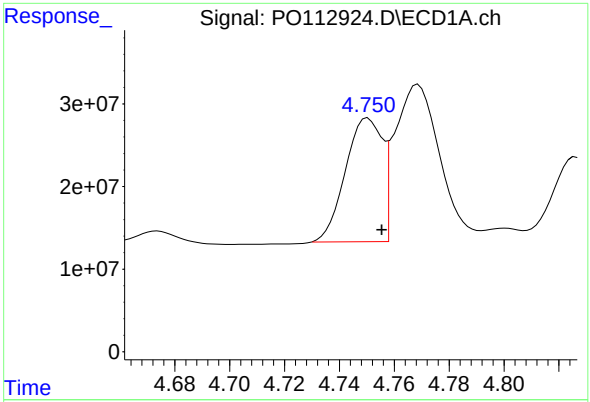
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.006 min
Response: 354438934
Conc: 48.47 ng/ml



#2 Decachlorobiphenyl

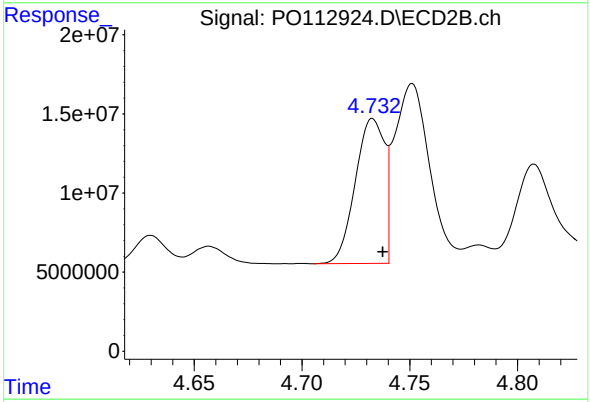
R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 92139911
Conc: 52.14 ng/ml



#3 AR-1016-1

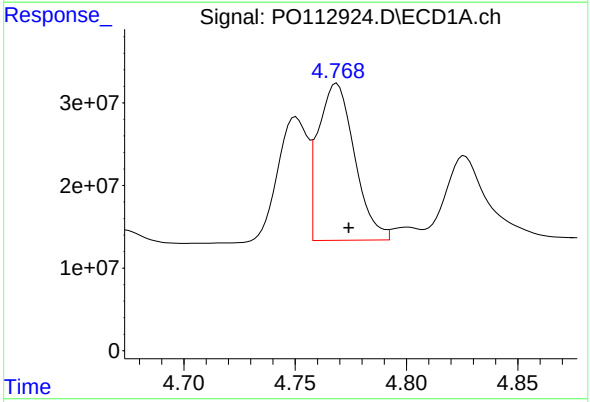
R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 139885283
Conc: 521.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



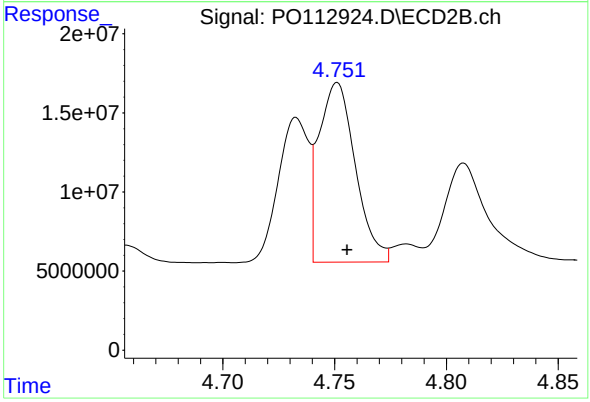
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 86571706
Conc: 494.68 ng/ml



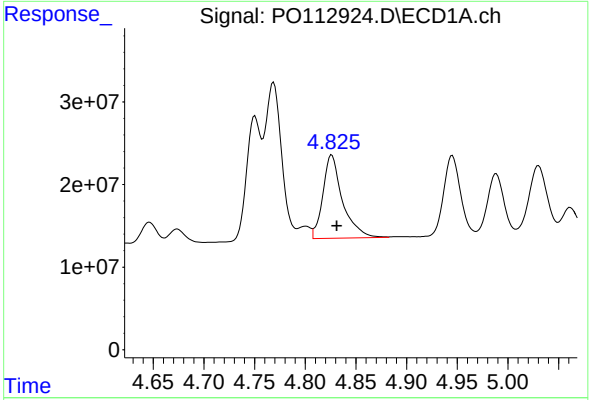
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 215611318
Conc: 530.91 ng/ml



#4 AR-1016-2

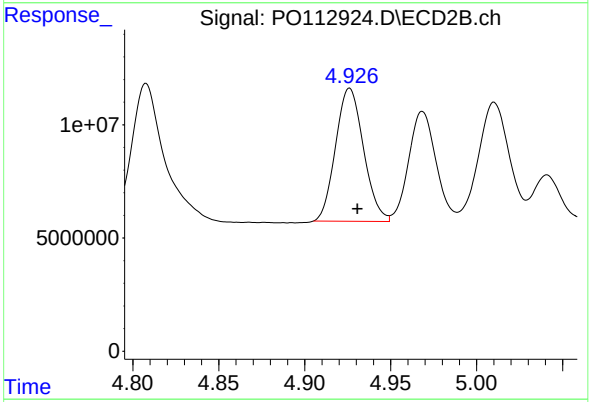
R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 128984637
Conc: 495.15 ng/ml



#5 AR-1016-3

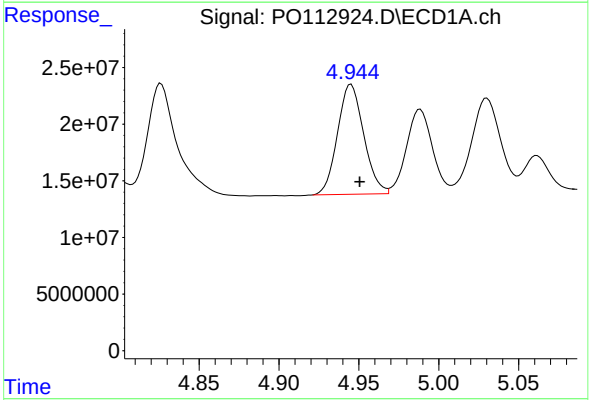
R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 136040970
Conc: 519.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



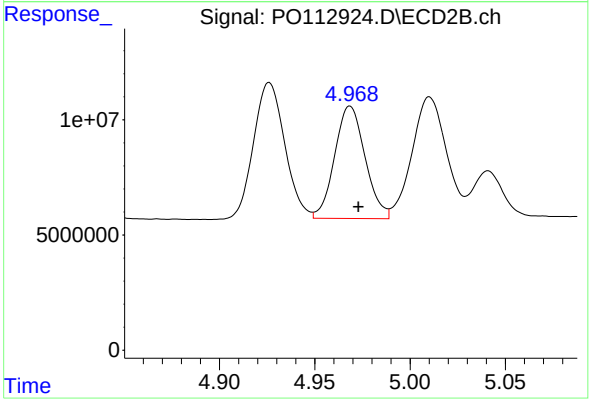
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 66642752
Conc: 490.14 ng/ml



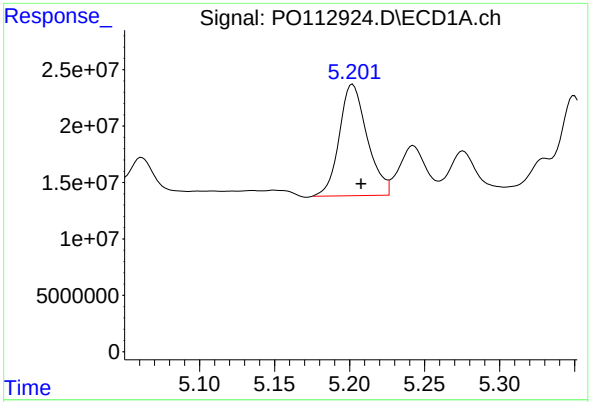
#6 AR-1016-4

R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 110830186
Conc: 523.18 ng/ml



#6 AR-1016-4

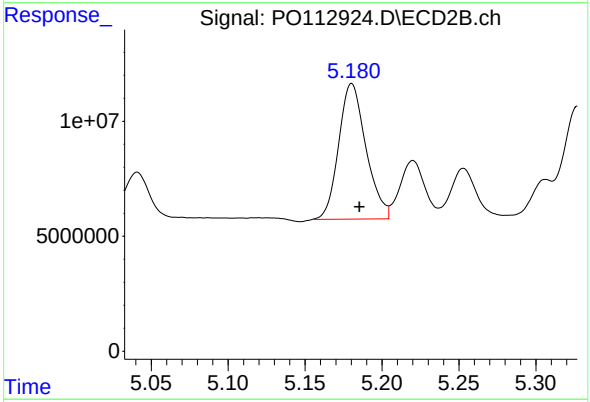
R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 54331744
Conc: 489.10 ng/ml



#7 AR-1016-5

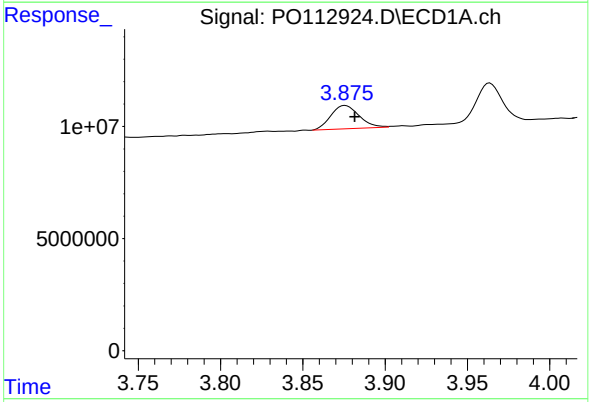
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 127803713
Conc: 582.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



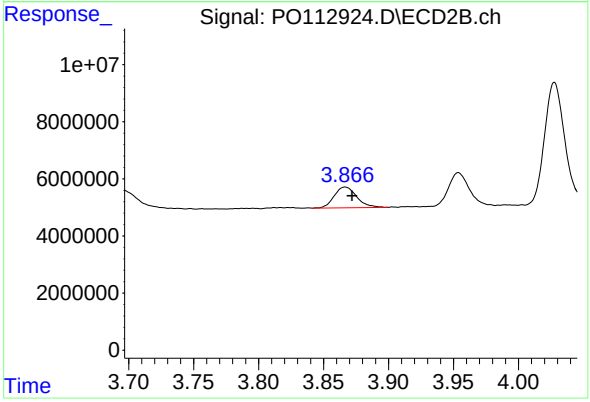
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 72578166
Conc: 506.47 ng/ml



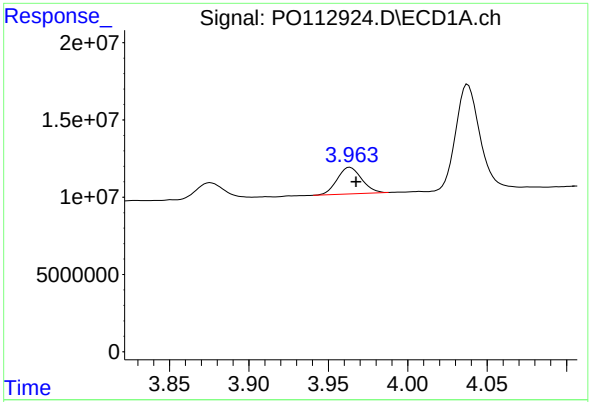
#8 AR-1221-1

R.T.: 3.876 min
Delta R.T.: -0.006 min
Response: 12519860
Conc: 129.53 ng/ml



#8 AR-1221-1

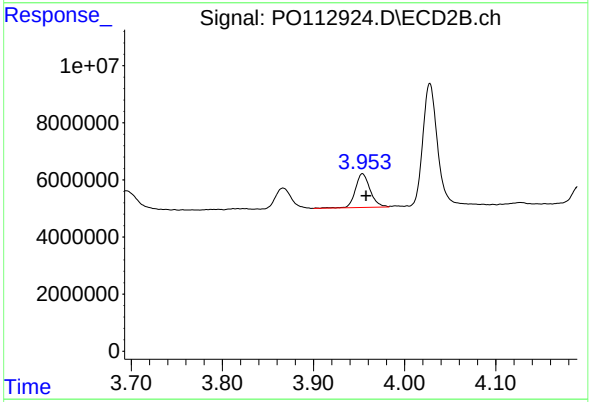
R.T.: 3.867 min
Delta R.T.: -0.005 min
Response: 8816217
Conc: 131.07 ng/ml



#9 AR-1221-2

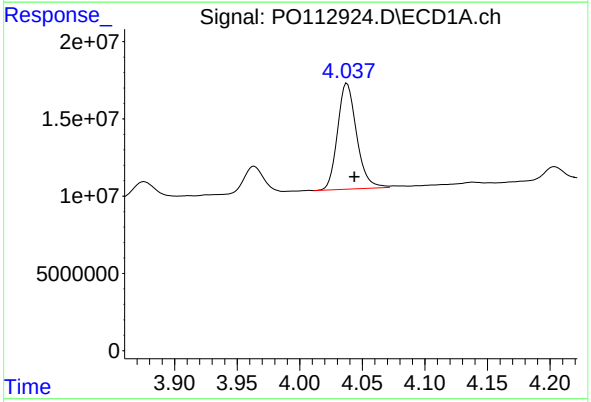
R.T.: 3.964 min
Delta R.T.: -0.004 min
Response: 18477029
Conc: 257.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



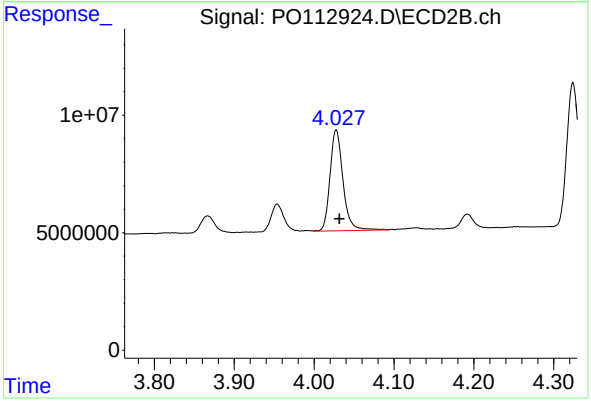
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 13287394
Conc: 261.93 ng/ml



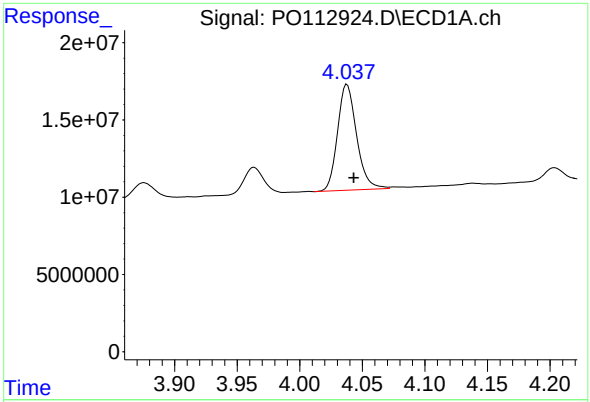
#10 AR-1221-3

R.T.: 4.038 min
Delta R.T.: -0.006 min
Response: 72695851
Conc: 305.82 ng/ml



#10 AR-1221-3

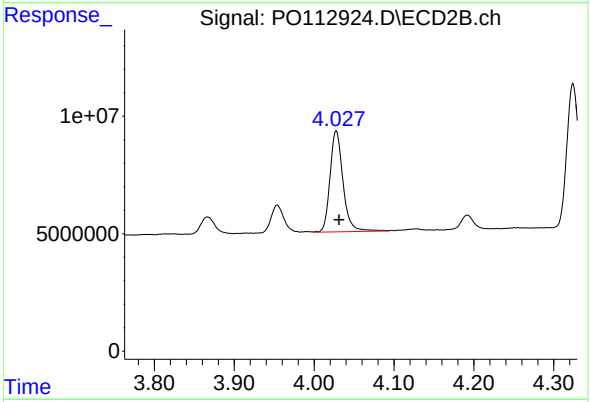
R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 48509281
Conc: 306.00 ng/ml



#11 AR-1232-1

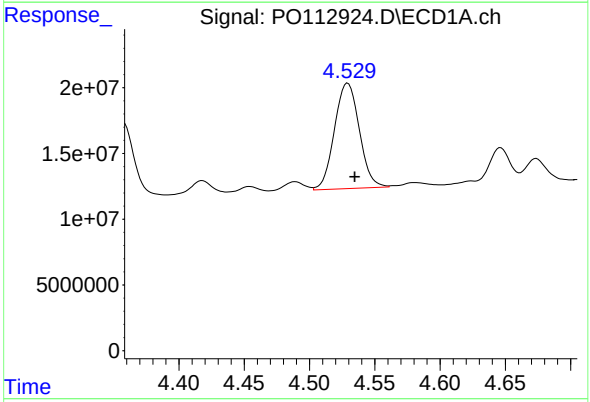
R.T.: 4.038 min
Delta R.T.: -0.005 min
Response: 72695851
Conc: 388.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



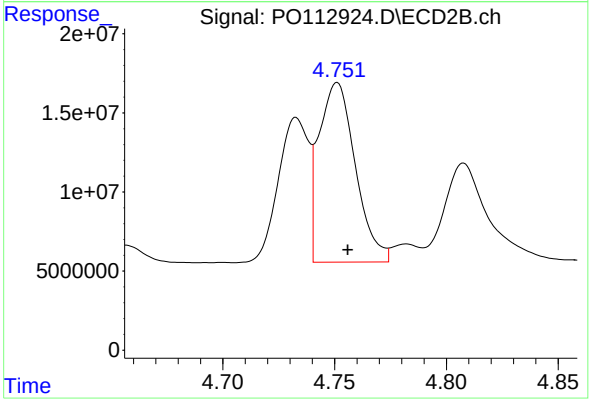
#11 AR-1232-1

R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 48509281
Conc: 383.32 ng/ml



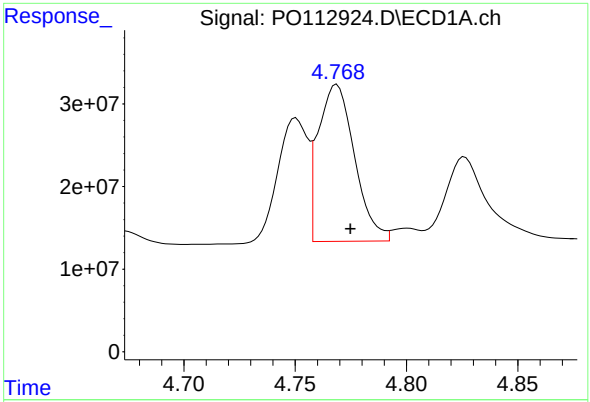
#12 AR-1232-2

R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 106337178
Conc: 988.04 ng/ml



#12 AR-1232-2

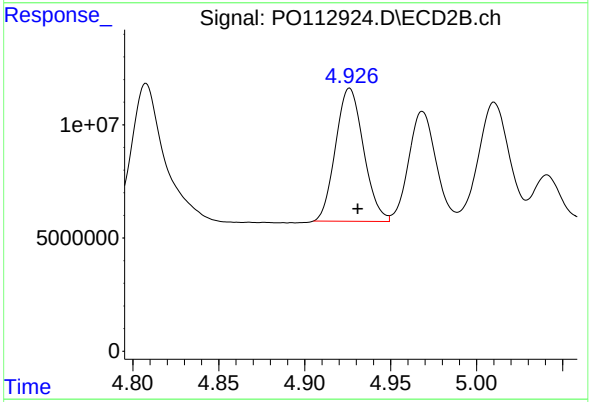
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 128984637
Conc: 983.45 ng/ml



#13 AR-1232-3

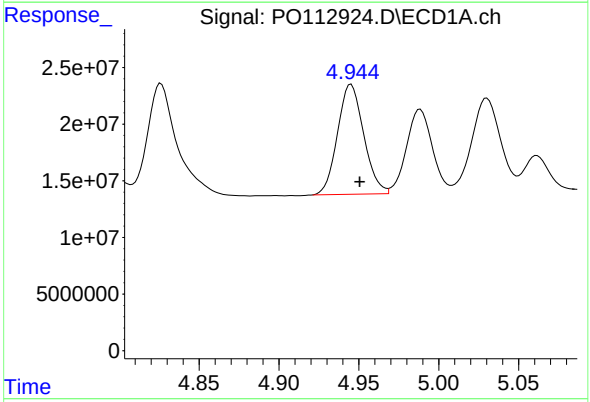
R.T.: 4.769 min
Delta R.T.: -0.006 min
Response: 215611318
Conc: 1042.61 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



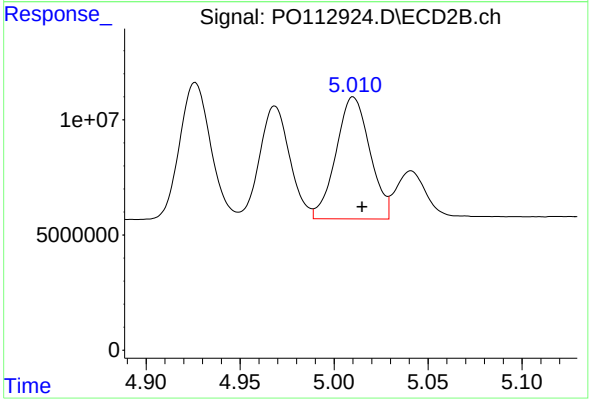
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 66642752
Conc: 991.75 ng/ml



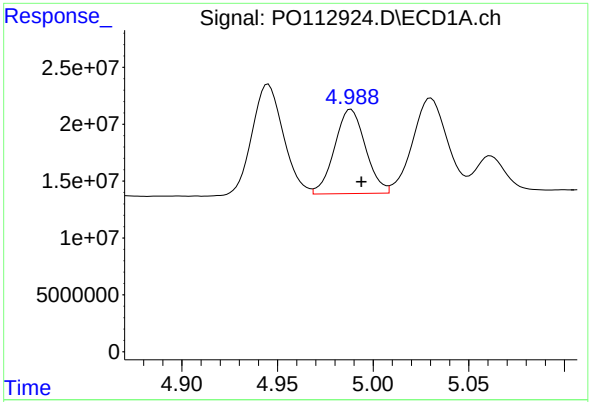
#14 AR-1232-4

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 110830186
Conc: 1058.14 ng/ml



#14 AR-1232-4

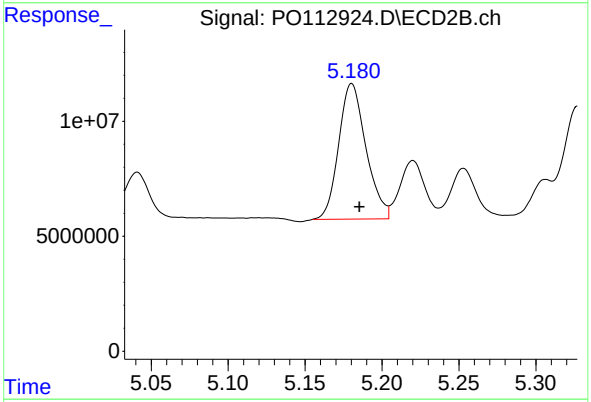
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 66615629
Conc: 1113.43 ng/ml



#15 AR-1232-5

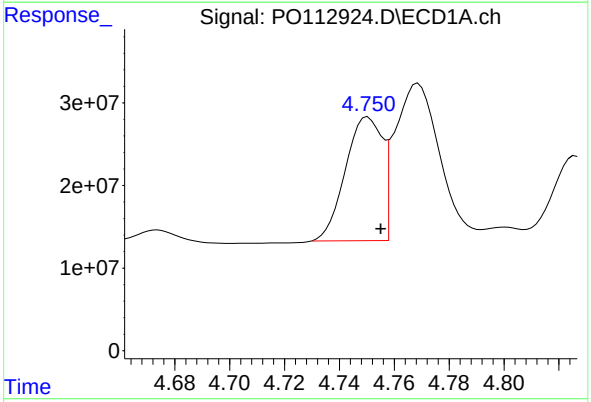
R.T.: 4.988 min
Delta R.T.: -0.005 min
Response: 83451697
Conc: 1229.38 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



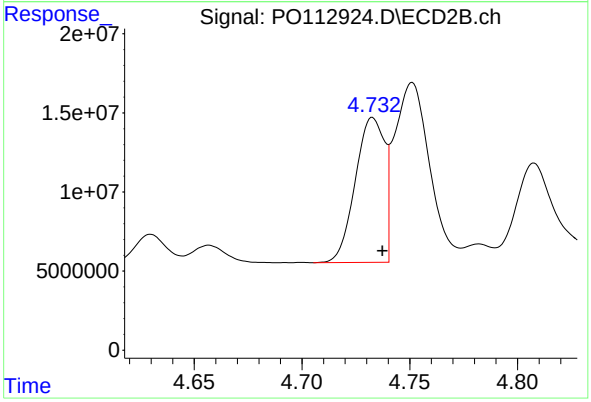
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 72578166
Conc: 1113.11 ng/ml



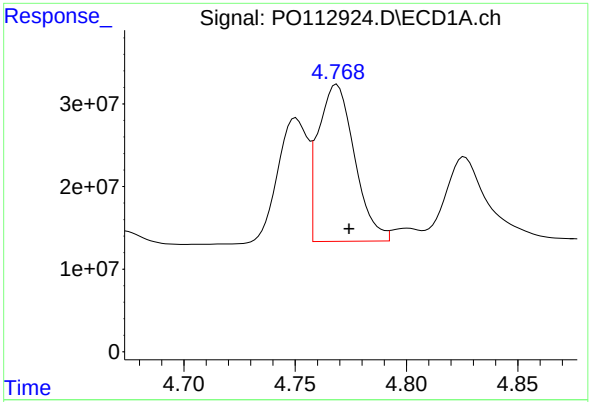
#16 AR-1242-1

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 139885283
Conc: 564.98 ng/ml



#16 AR-1242-1

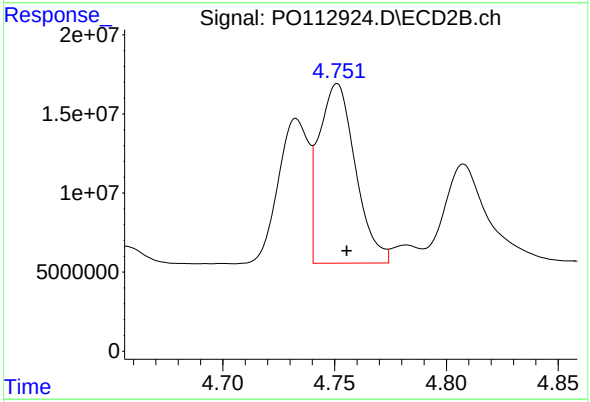
R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 86571706
Conc: 546.56 ng/ml



#17 AR-1242-2

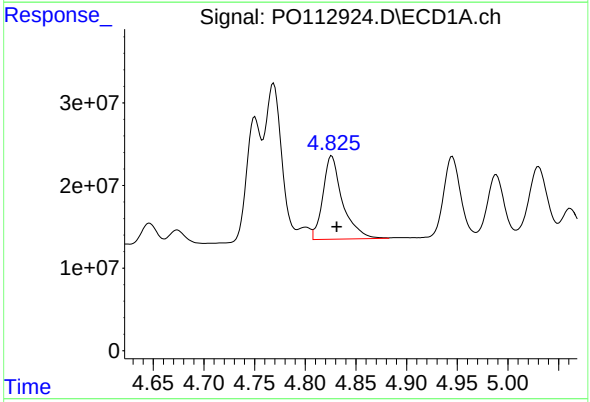
R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 215611318
Conc: 583.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



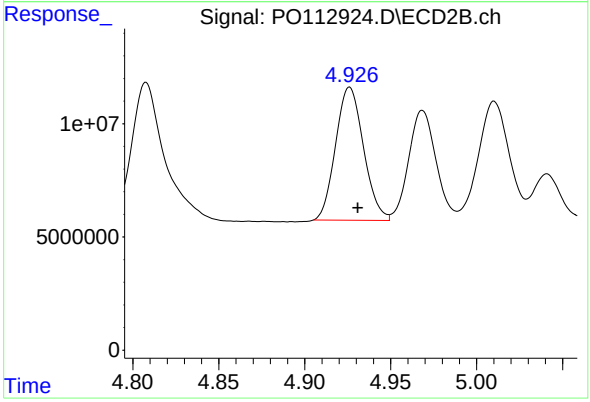
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 128984637
Conc: 552.00 ng/ml



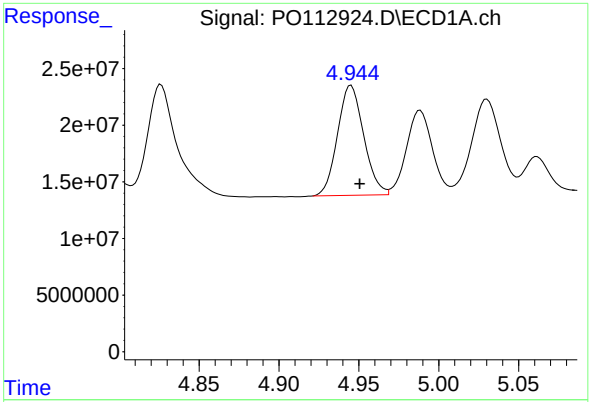
#18 AR-1242-3

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 136040970
Conc: 574.84 ng/ml



#18 AR-1242-3

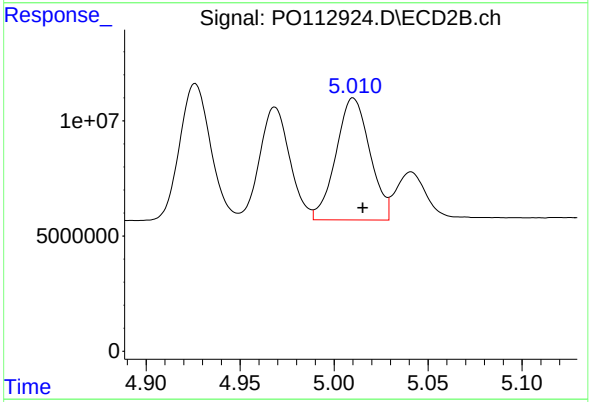
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 66642752
Conc: 549.91 ng/ml



#19 AR-1242-4

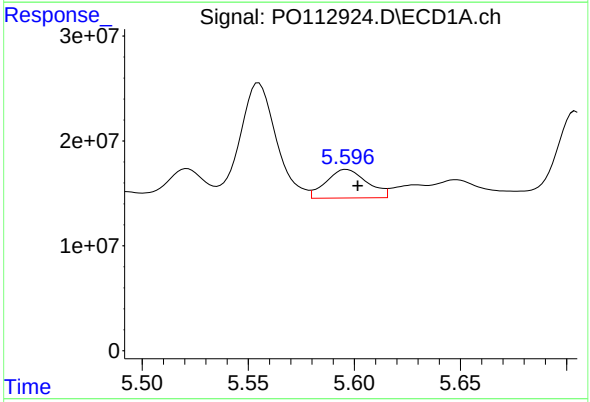
R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 110830186
Conc: 570.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



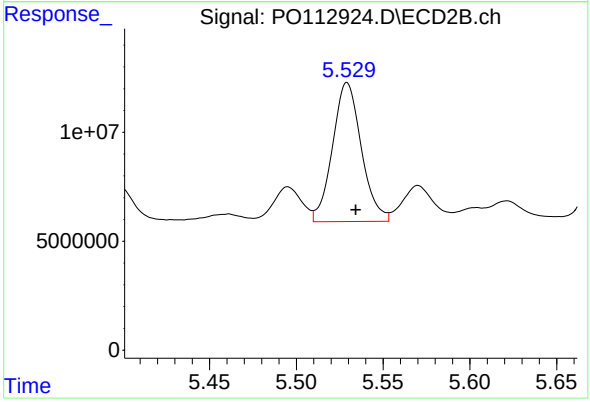
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 66615629
Conc: 542.74 ng/ml



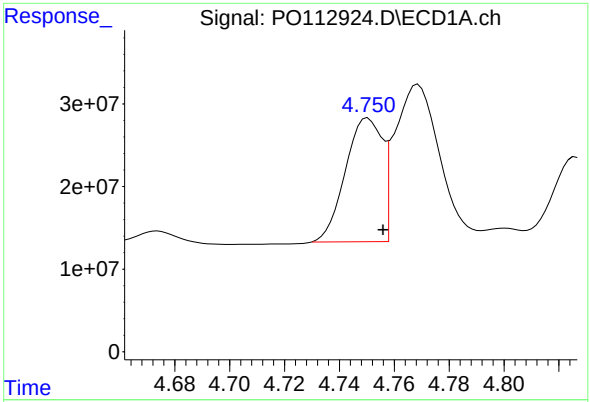
#20 AR-1242-5

R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 36595491
Conc: 171.07 ng/ml



#20 AR-1242-5

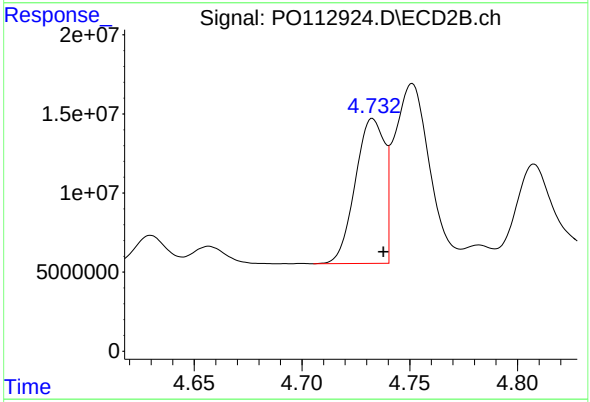
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 73794156
Conc: 458.43 ng/ml



#21 AR-1248-1

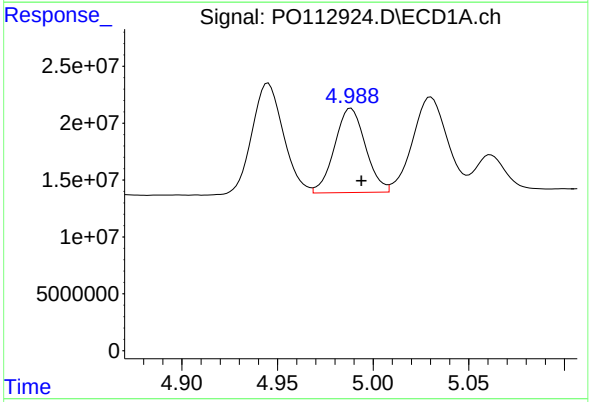
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 139885283
Conc: 747.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



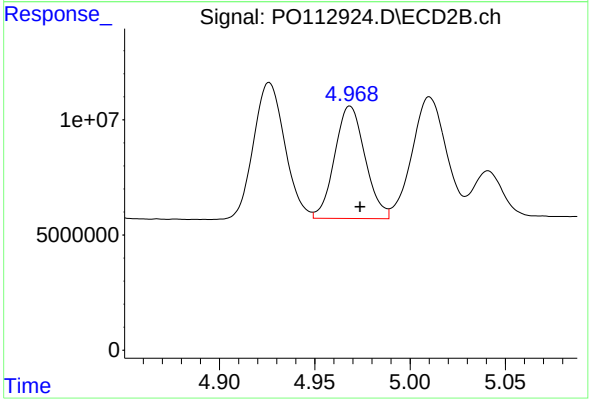
#21 AR-1248-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 86571706
Conc: 712.47 ng/ml



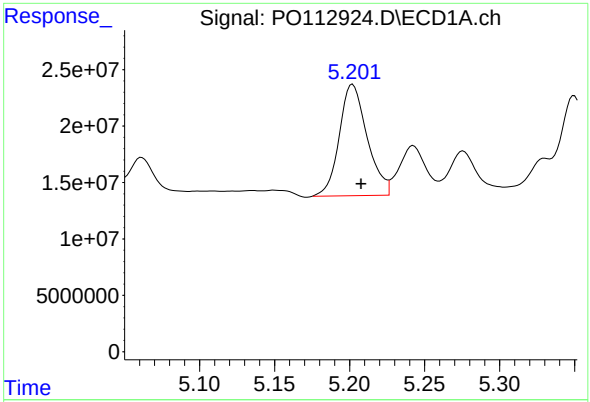
#22 AR-1248-2

R.T.: 4.988 min
Delta R.T.: -0.005 min
Response: 83451697
Conc: 327.12 ng/ml



#22 AR-1248-2

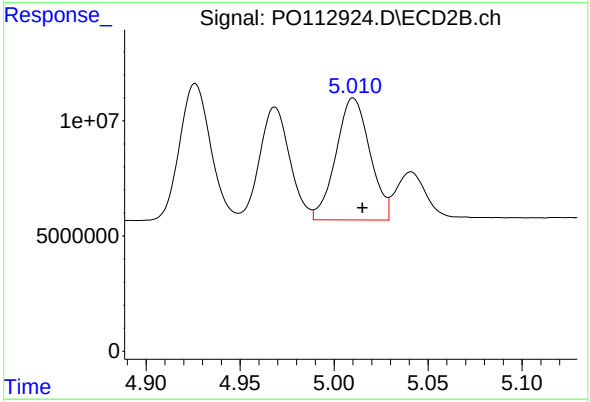
R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 54331744
Conc: 320.96 ng/ml



#23 AR-1248-3

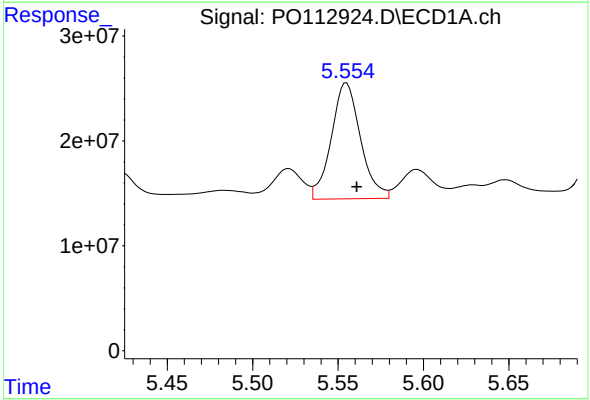
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 127803713
Conc: 371.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



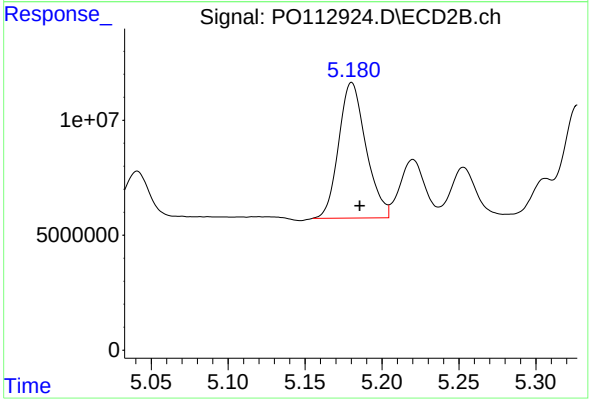
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 66615629
Conc: 374.99 ng/ml



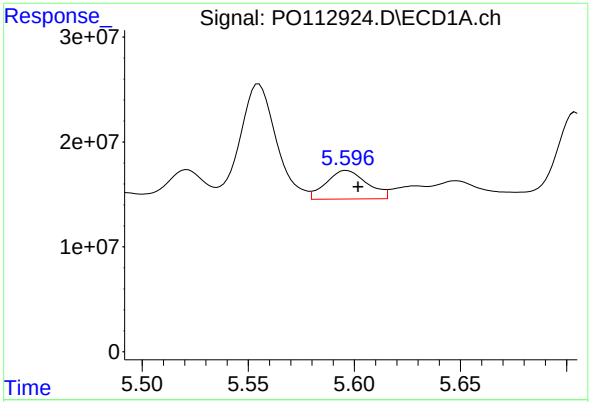
#24 AR-1248-4

R.T.: 5.555 min
Delta R.T.: -0.006 min
Response: 131598728
Conc: 259.01 ng/ml



#24 AR-1248-4

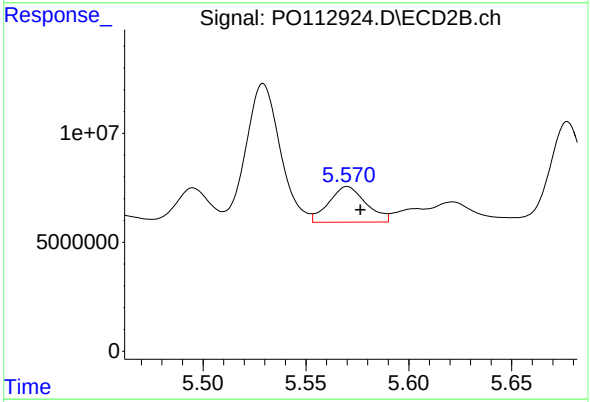
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 72578166
Conc: 348.34 ng/ml



#25 AR-1248-5

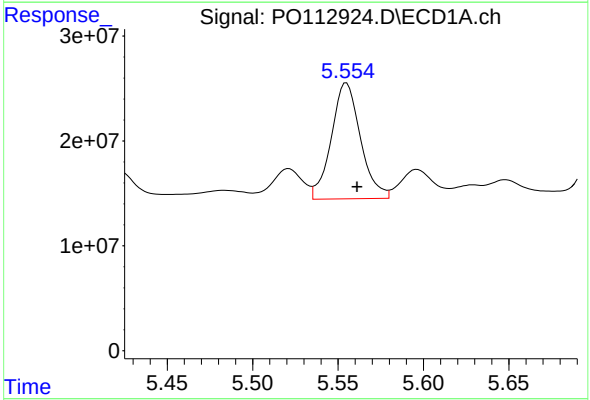
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 36595491
Conc: 104.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



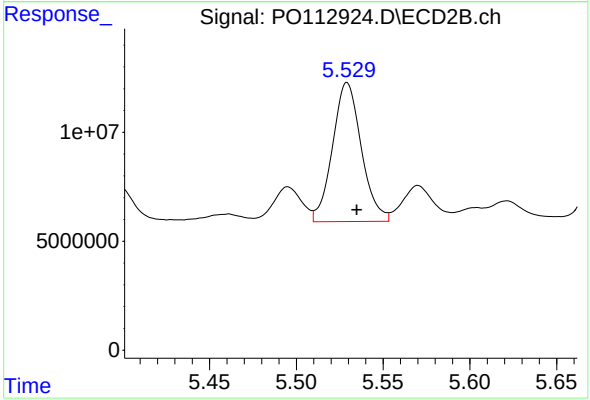
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: -0.006 min
Response: 20604467
Conc: 95.94 ng/ml



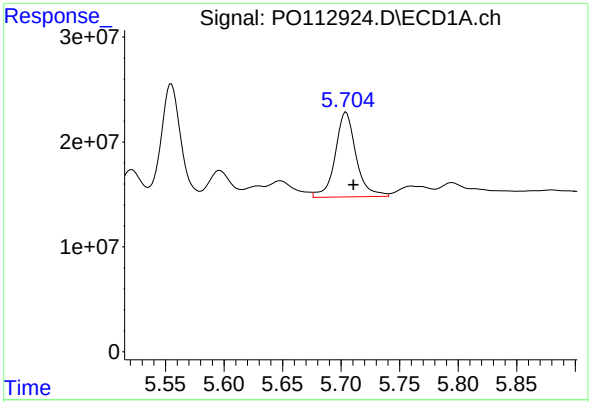
#26 AR-1254-1

R.T.: 5.555 min
Delta R.T.: -0.006 min
Response: 131598728
Conc: 239.72 ng/ml



#26 AR-1254-1

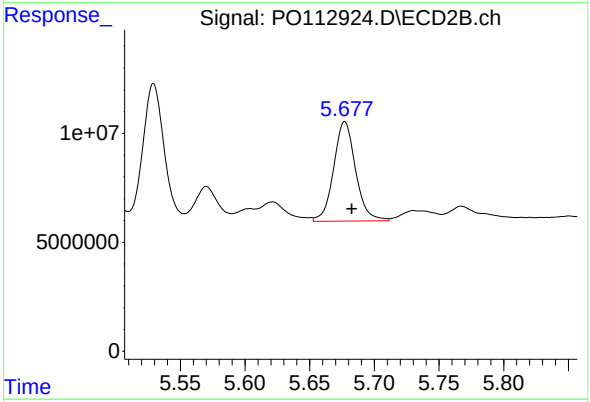
R.T.: 5.529 min
Delta R.T.: -0.006 min
Response: 73794156
Conc: 224.56 ng/ml



#27 AR-1254-2

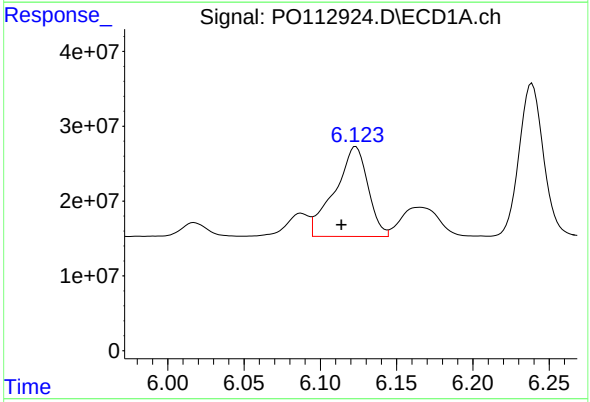
R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 100061735
Conc: 205.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



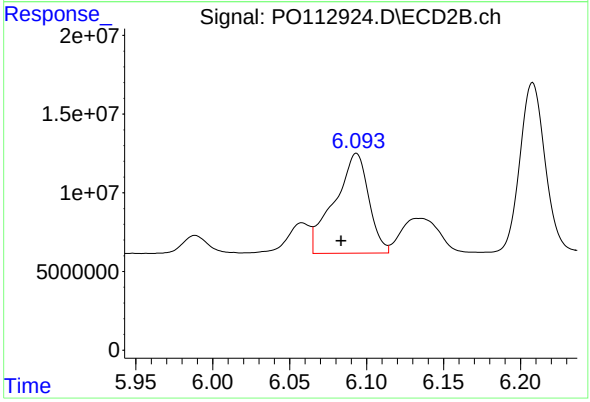
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 53879920
Conc: 186.12 ng/ml



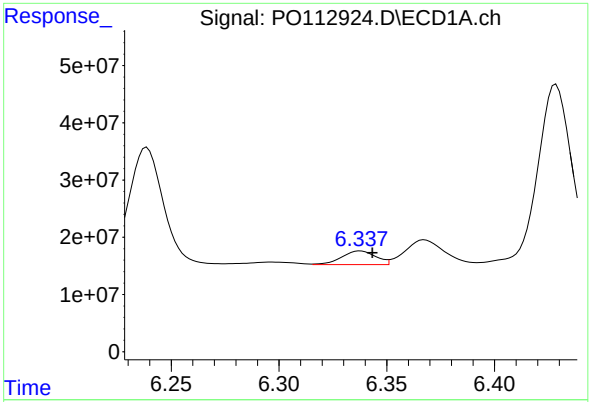
#28 AR-1254-3

R.T.: 6.123 min
Delta R.T.: 0.010 min
Response: 181870504
Conc: 244.36 ng/ml



#28 AR-1254-3

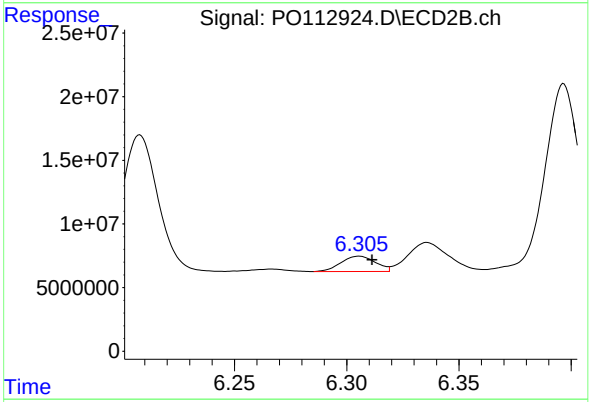
R.T.: 6.093 min
Delta R.T.: 0.010 min
Response: 98085611
Conc: 229.46 ng/ml



#29 AR-1254-4

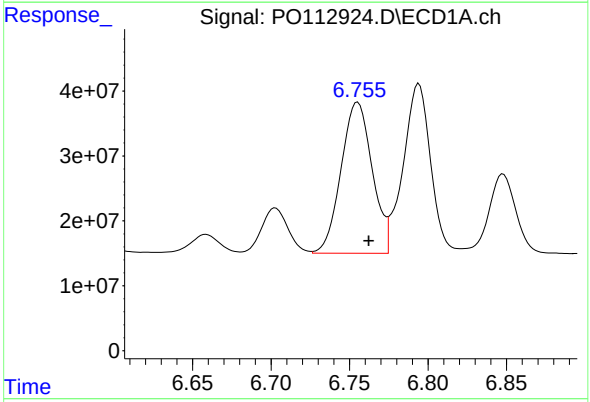
R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 26267566
Conc: 47.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



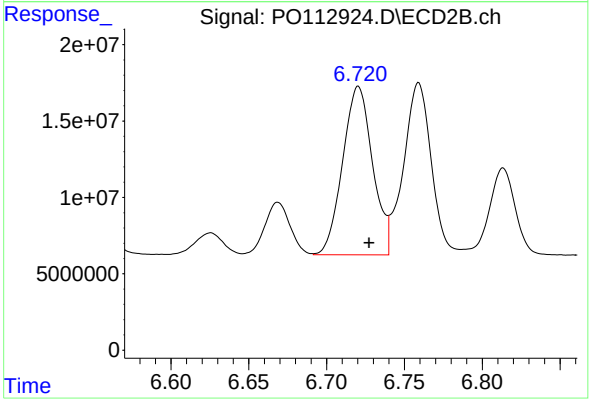
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.006 min
Response: 12940350
Conc: 47.41 ng/ml



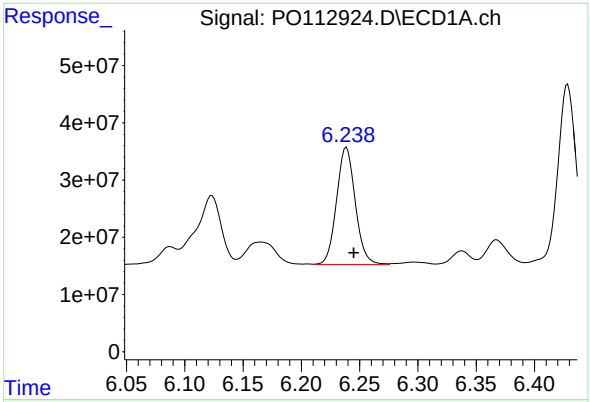
#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 321413743
Conc: 454.09 ng/ml



#30 AR-1254-5

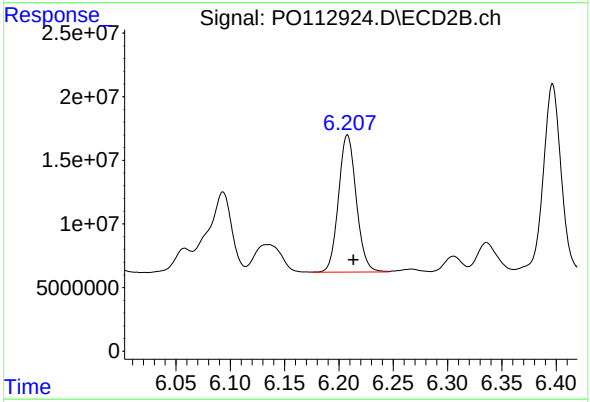
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 147661375
Conc: 442.07 ng/ml



#31 AR-1260-1

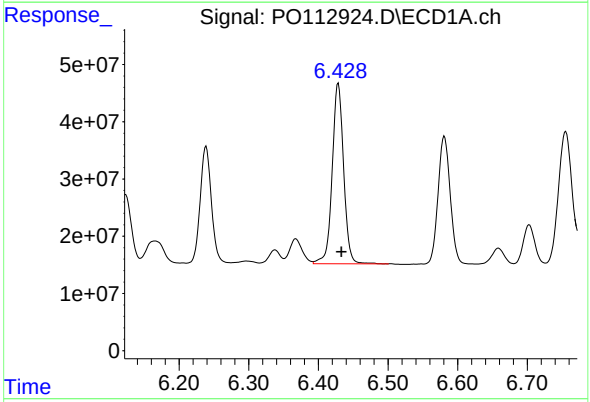
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 228840964
Conc: 520.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



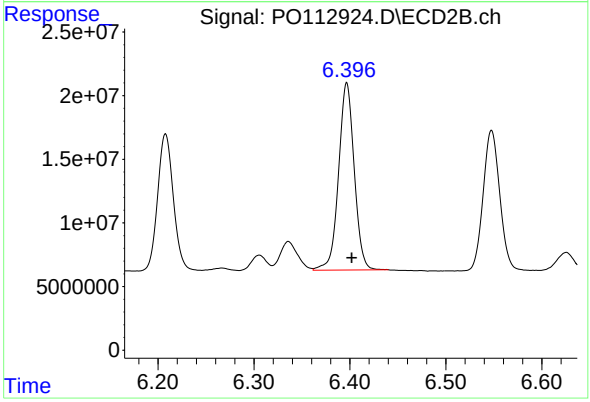
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 122834440
Conc: 494.28 ng/ml



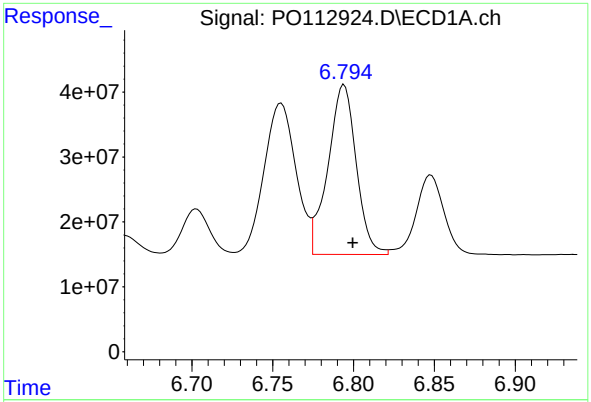
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 358309024
Conc: 520.88 ng/ml



#32 AR-1260-2

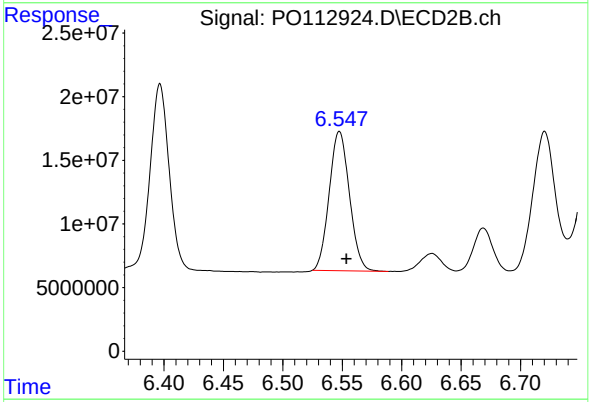
R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 166568267
Conc: 505.53 ng/ml



#33 AR-1260-3

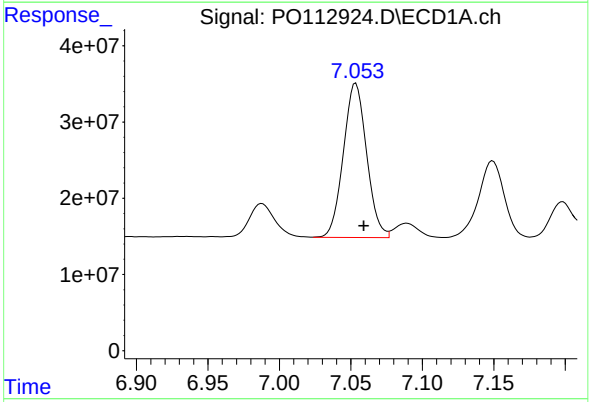
R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 318477757
Conc: 541.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



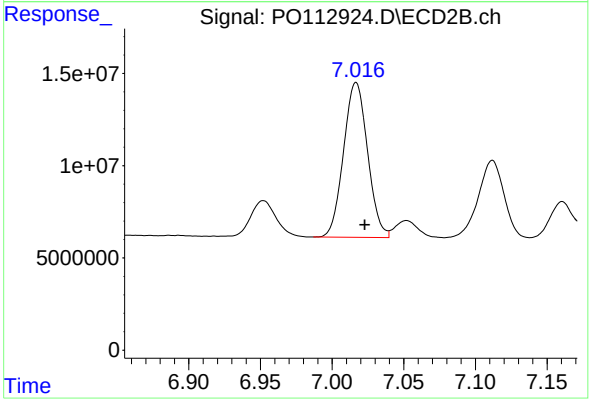
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 129713687
Conc: 504.88 ng/ml



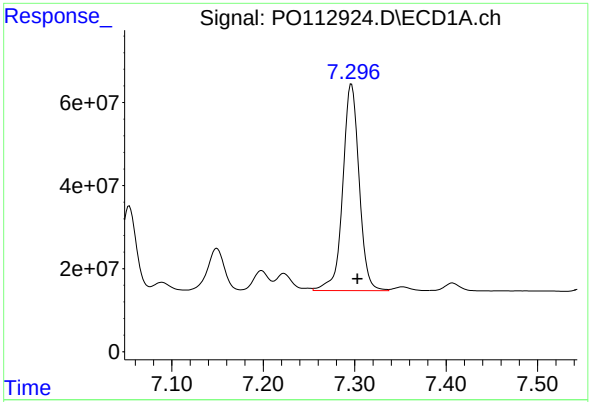
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 229311380
Conc: 508.45 ng/ml



#34 AR-1260-4

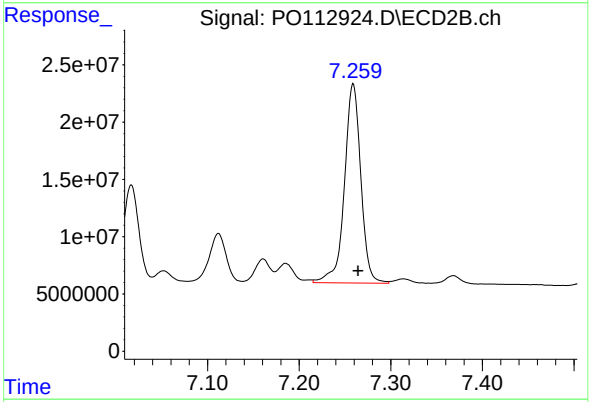
R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 97941330
Conc: 511.95 ng/ml



#35 AR-1260-5

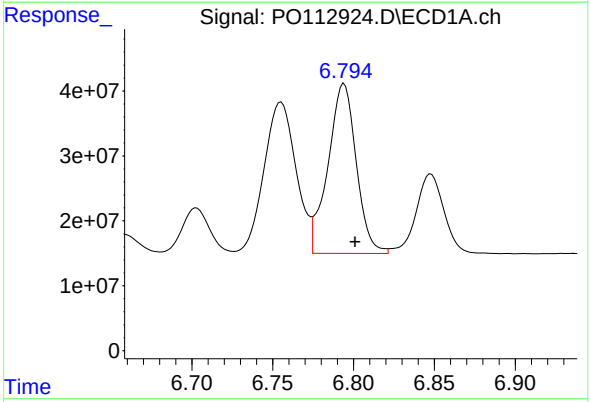
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 620152838
Conc: 500.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



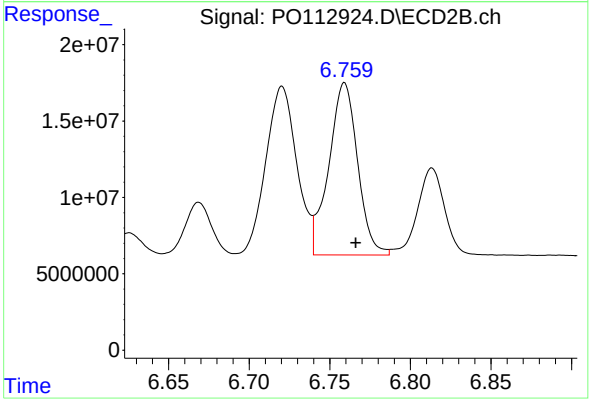
#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 216459137
Conc: 525.14 ng/ml



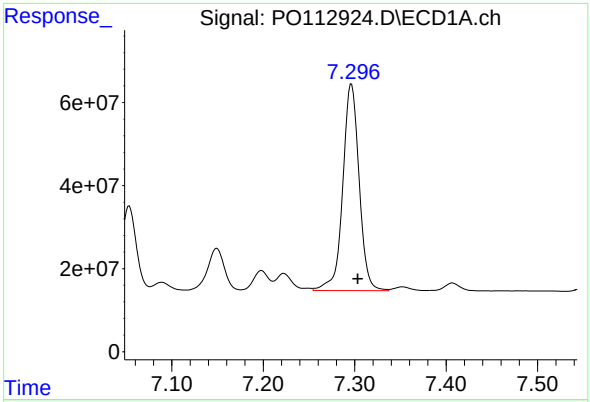
#36 AR-1262-1

R.T.: 6.794 min
Delta R.T.: -0.007 min
Response: 318477757
Conc: 342.74 ng/ml



#36 AR-1262-1

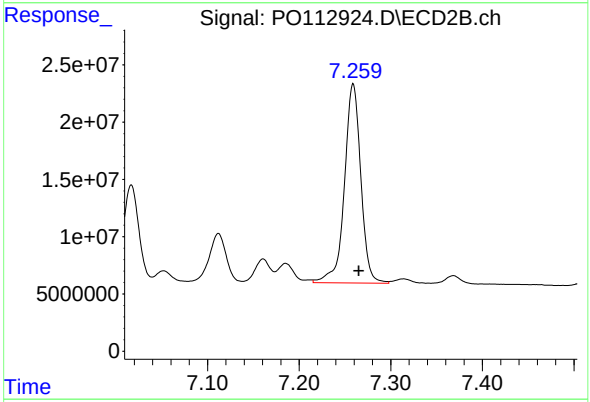
R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 140242777
Conc: 338.07 ng/ml



#37 AR-1262-2

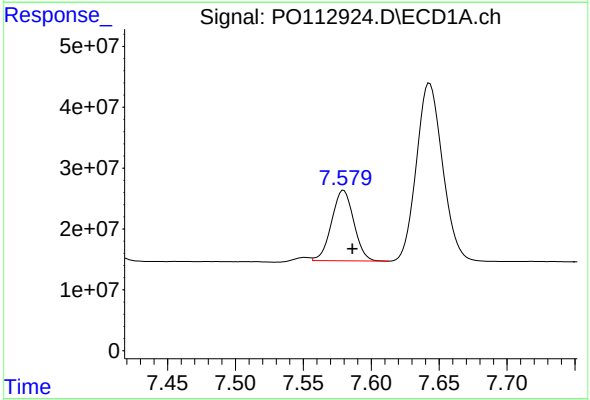
R.T.: 7.297 min
Delta R.T.: -0.007 min
Response: 620152838
Conc: 417.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



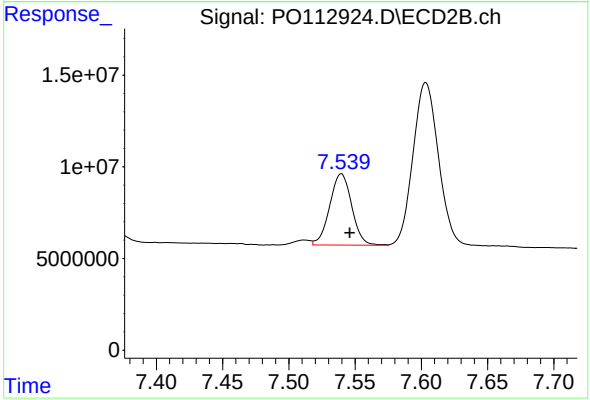
#37 AR-1262-2

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 216459137
Conc: 419.86 ng/ml



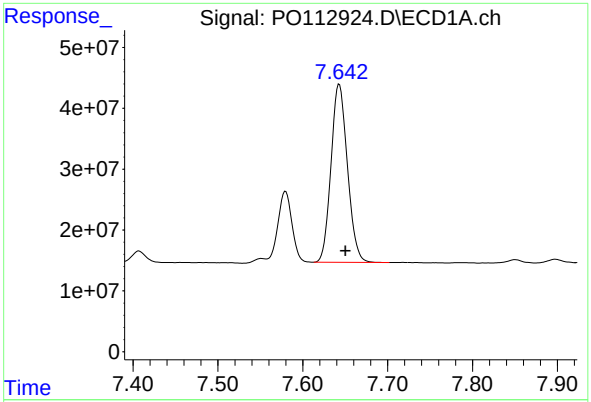
#38 AR-1262-3

R.T.: 7.580 min
Delta R.T.: -0.006 min
Response: 131550648
Conc: 222.87 ng/ml



#38 AR-1262-3

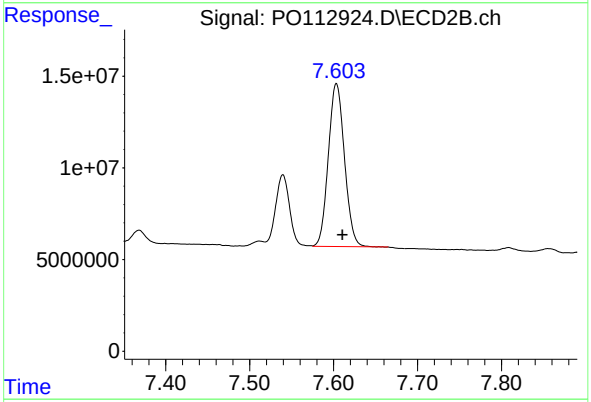
R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 45021934
Conc: 241.37 ng/ml



#39 AR-1262-4

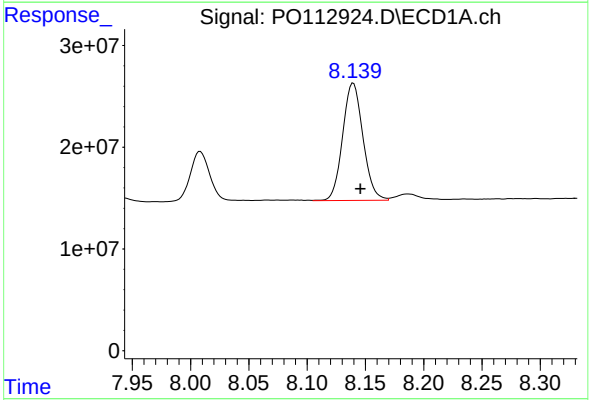
R.T.: 7.643 min
Delta R.T.: -0.007 min
Response: 392902037
Conc: 395.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



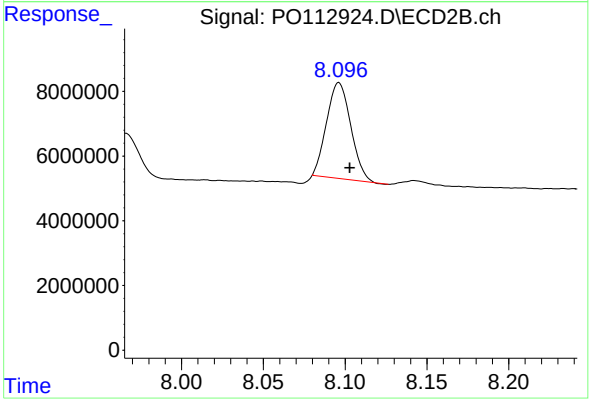
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.007 min
Response: 118810291
Conc: 412.39 ng/ml



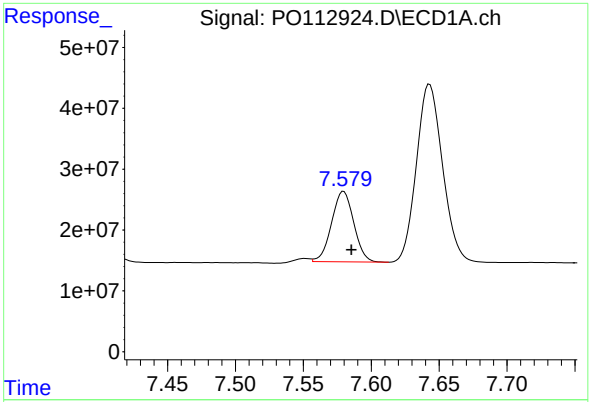
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 140203565
Conc: 323.00 ng/ml



#40 AR-1262-5

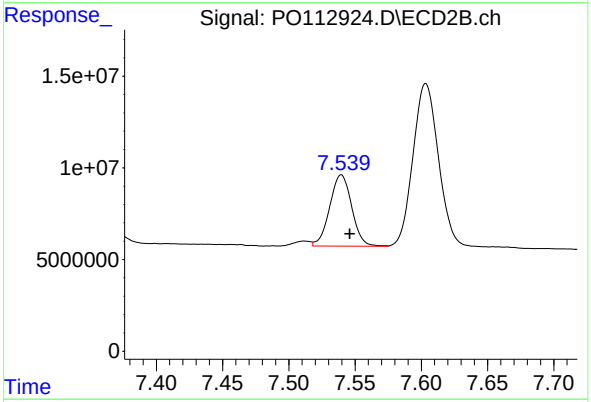
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 30443177
Conc: 305.95 ng/ml



#41 AR-1268-1

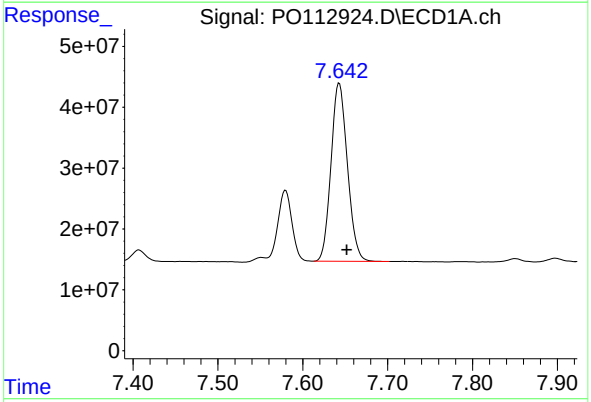
R.T.: 7.580 min
Delta R.T.: -0.006 min
Response: 131550648
Conc: 75.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



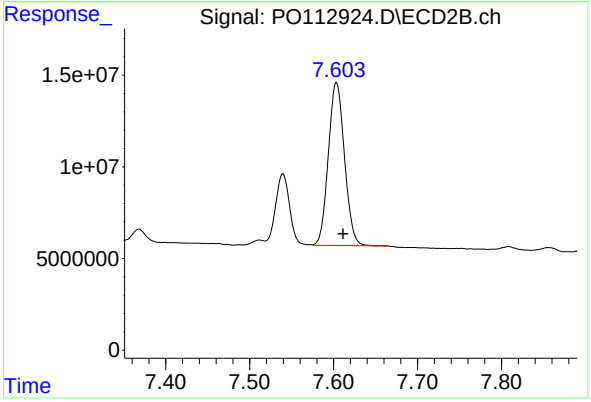
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 45021934
Conc: 86.94 ng/ml



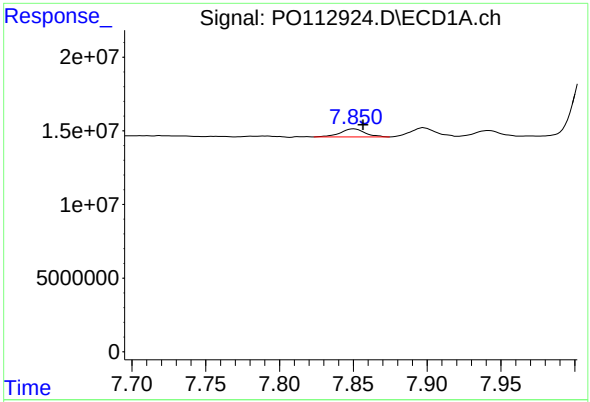
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.009 min
Response: 392902037
Conc: 266.73 ng/ml



#42 AR-1268-2

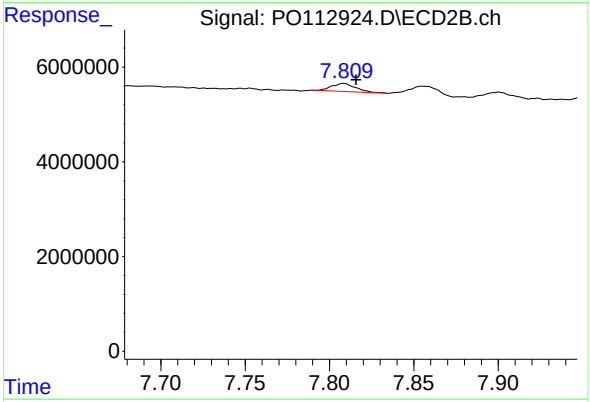
R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 118810291
Conc: 279.51 ng/ml



#43 AR-1268-3

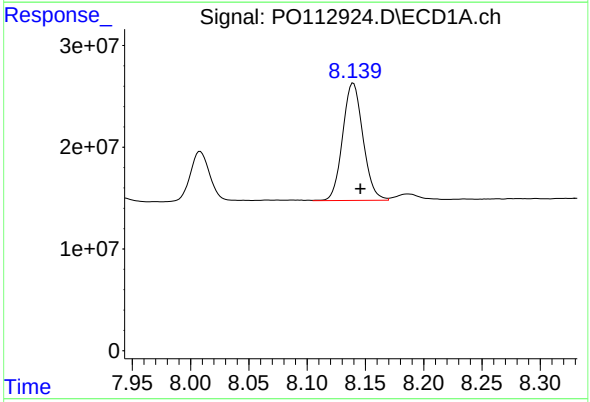
R.T.: 7.851 min
Delta R.T.: -0.006 min
Response: 6332757
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



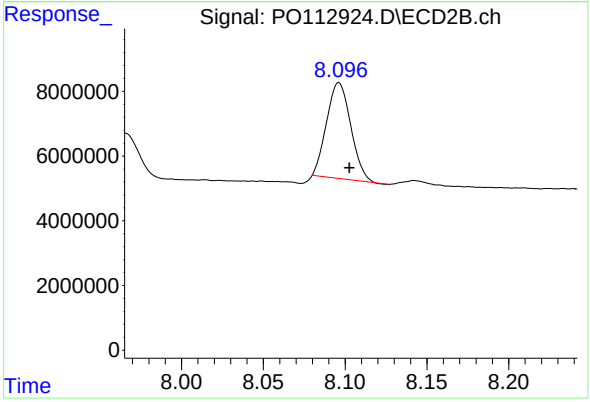
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: -0.007 min
Response: 1703910
Conc: 5.30 ng/ml



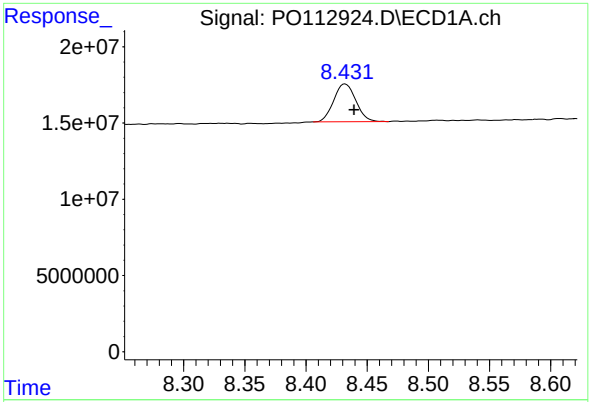
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 140203565
Conc: 290.96 ng/ml



#44 AR-1268-4

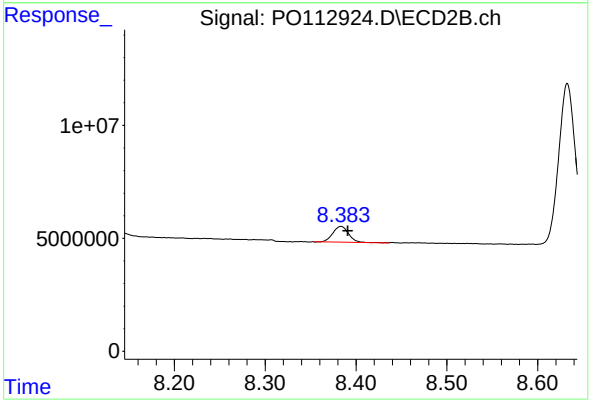
R.T.: 8.096 min
Delta R.T.: -0.006 min
Response: 30443177
Conc: 273.53 ng/ml



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: -0.007 min
Response: 31362747
Conc: 9.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 8494063
Conc: 11.61 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:33
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: Aug 14 10:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.658	451.2E6	258.4E6	55.481	51.995	
2)	SA Decachlor...	8.686	8.632	357.7E6	90402312	48.923	51.158	
	Target Compounds							
3)	L1 AR-1016-1	4.750	4.732	142.2E6	84916105	529.714	485.215	
4)	L1 AR-1016-2	4.769	4.750	214.9E6	127.5E6	529.249	489.546	
5)	L1 AR-1016-3	4.826	4.925	136.0E6	63664534	519.764	468.237	
6)	L1 AR-1016-4	4.945	4.967	112.2E6	52859624	529.549	475.849	
7)	L1 AR-1016-5	5.202	5.179	119.1E6	70479899	542.494	491.824	
8)	L2 AR-1221-1	3.875	3.865	12130522	8921600	125.497	132.632	
9)	L2 AR-1221-2	3.963	3.952	18994725	13434885	264.322	264.842	
10)	L2 AR-1221-3	4.037	4.026	74443723	48223271	313.169	304.191	
11)	L3 AR-1232-1	4.037	4.026	74443723	48223271	398.140	381.061	
12)	L3 AR-1232-2	4.529	4.750	110.3E6	127.5E6	1024.715	972.318	
13)	L3 AR-1232-3	4.769	4.925	214.9E6	63664534	1039.351	947.434	
14)	L3 AR-1232-4	4.945	5.009	112.2E6	63447483	1071.035	1060.479	
15)	L3 AR-1232-5	4.988	5.179	88394215	70479899	1302.196	1080.930	
16)	L4 AR-1242-1	4.750	4.732	142.2E6	84916105	574.159	536.107	
17)	L4 AR-1242-2	4.769	4.750	214.9E6	127.5E6	581.235	545.753	
18)	L4 AR-1242-3	4.826	4.925	136.0E6	63664534	574.706	525.332	
19)	L4 AR-1242-4	4.945	5.009	112.2E6	63447483	577.421	516.928	
20)	L4 AR-1242-5	5.596	5.529	34193500	71980422	159.846	447.163	#
21)	L5 AR-1248-1	4.750	4.732	142.2E6	84916105	759.352	698.844	
22)	L5 AR-1248-2	4.988	4.967	88394215	52859624	346.491	312.262	
23)	L5 AR-1248-3	5.202	5.009	119.1E6	63447483	346.410	357.154	
24)	L5 AR-1248-4	5.555	5.179	127.4E6	70479899	250.766	338.269	#
25)	L5 AR-1248-5	5.596	5.569	34193500	19630557	97.810	91.405	
26)	L6 AR-1254-1	5.555	5.529	127.4E6	71980422	232.091	219.038	
27)	L6 AR-1254-2	5.703	5.677	95564548	52266490	196.668	180.546	
28)	L6 AR-1254-3	6.123	6.093	187.2E6	96949239	251.486	226.802	
29)	L6 AR-1254-4	6.338	6.305	26976677	12737460	49.075	46.664	
30)	L6 AR-1254-5	6.755	6.720	325.8E6	146.9E6	460.269	439.758	
31)	L7 AR-1260-1	6.239	6.207	233.7E6	122.2E6	531.990	491.659	
32)	L7 AR-1260-2	6.429	6.395	356.7E6	162.8E6	518.605	494.223	
33)	L7 AR-1260-3	6.794	6.547	324.4E6	126.9E6	551.751	493.861	
34)	L7 AR-1260-4	7.053	7.016	231.8E6	98251223	513.931	513.569	
35)	L7 AR-1260-5	7.297	7.258	625.2E6	217.7E6	504.544	528.077	
36)	L8 AR-1262-1	6.794	6.759	324.4E6	141.0E6	349.158	339.796	
37)	L8 AR-1262-2	7.297	7.258	625.2E6	217.7E6	420.439	422.213	
38)	L8 AR-1262-3	7.579	7.540	134.3E6	44684424	227.604	239.562	
39)	L8 AR-1262-4	7.644	7.602	400.2E6	117.9E6	402.597	409.139	
40)	L8 AR-1262-5	8.140	8.096	138.7E6	27963692	319.573	281.033	
41)	L9 AR-1268-1	7.579	7.540	134.3E6	44684424	76.718	86.286	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:33
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: Aug 14 10:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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	7.644	7.602	400.2E6	117.9E6	271.719	277.310
43) L9	AR-1268-3	7.850	7.808	6513587	1087189	5.202	3.384 #
44) L9	AR-1268-4	8.140	8.096	138.7E6	27963692	287.870	251.256
45) L9	AR-1268-5	8.432	8.382	32502195	8391488	9.681	11.468

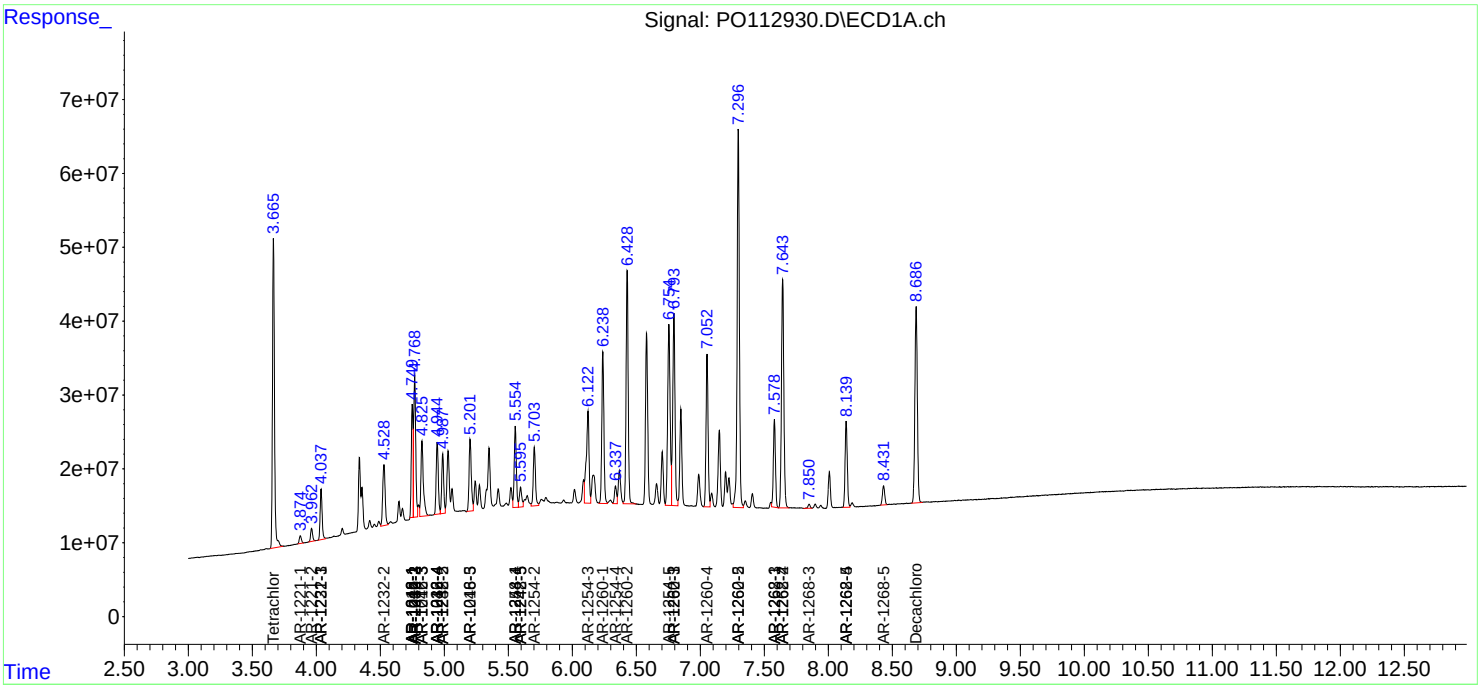
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

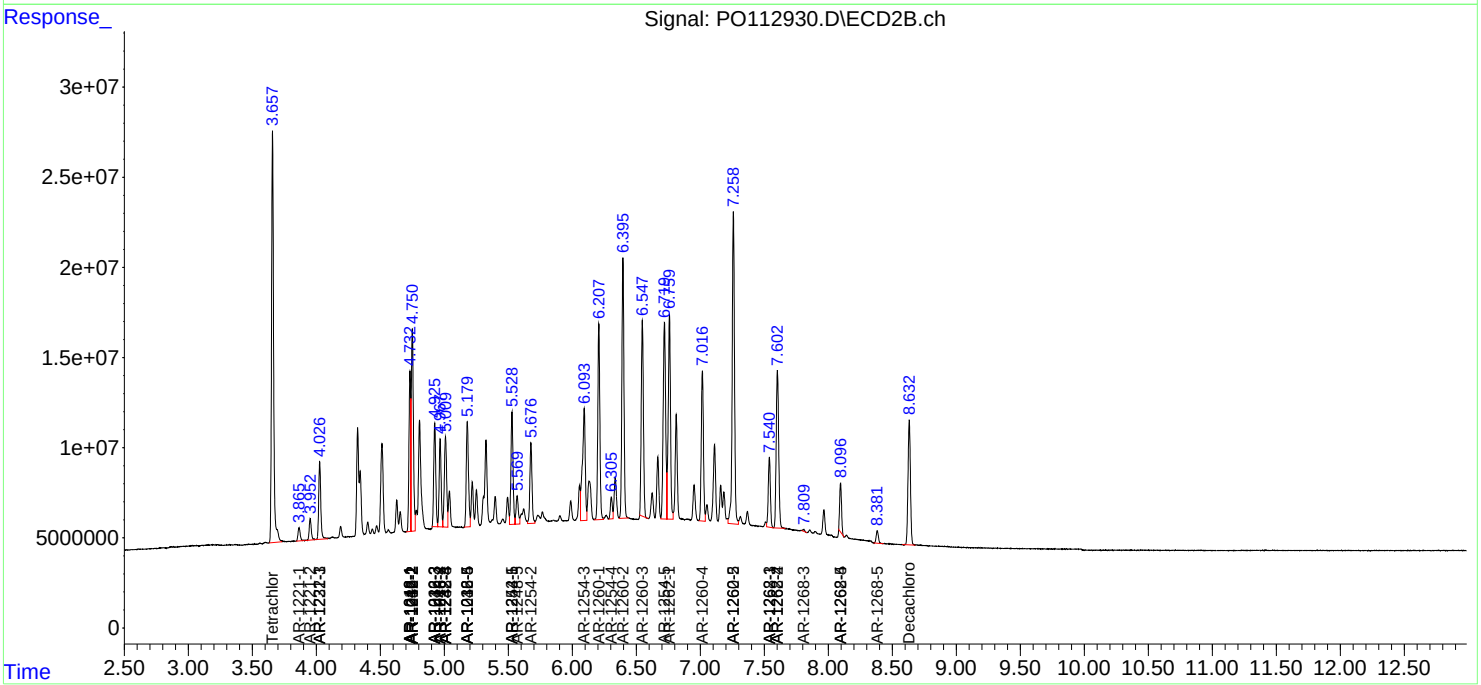
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 08:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

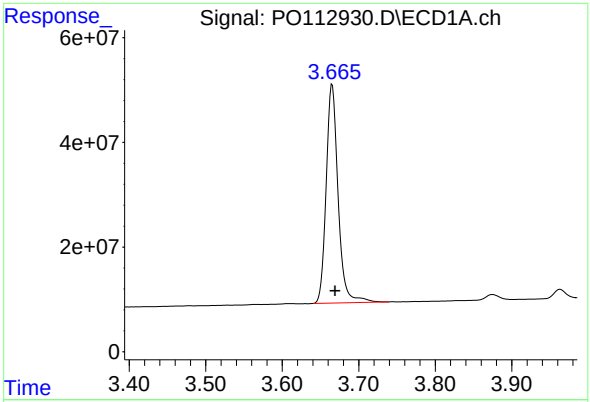
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



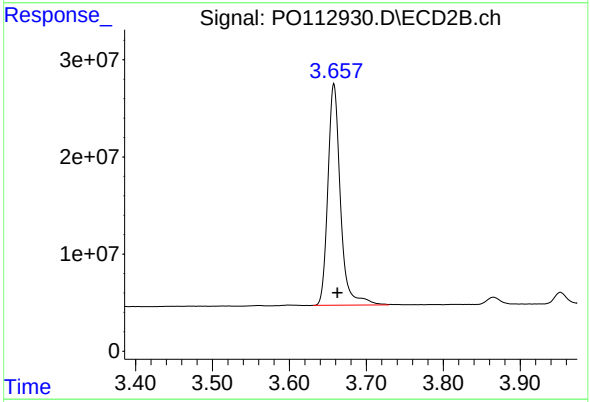




#1 Tetrachloro-m-xylene

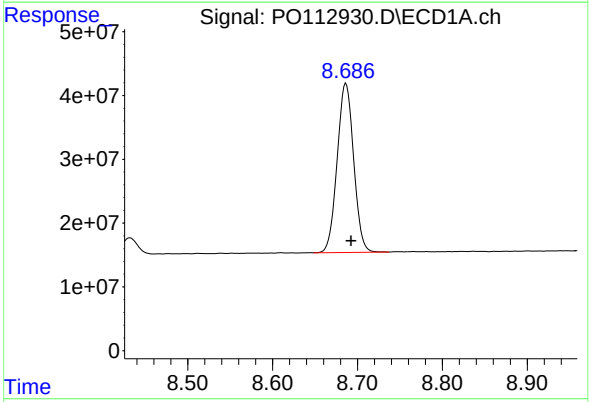
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 451151562
Conc: 55.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



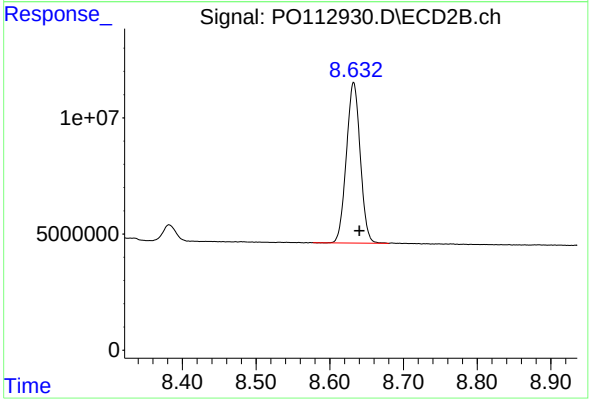
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 258372786
Conc: 52.00 ng/ml



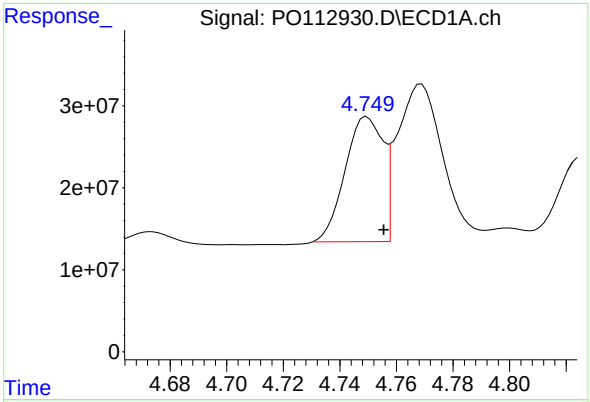
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.006 min
Response: 357715511
Conc: 48.92 ng/ml



#2 Decachlorobiphenyl

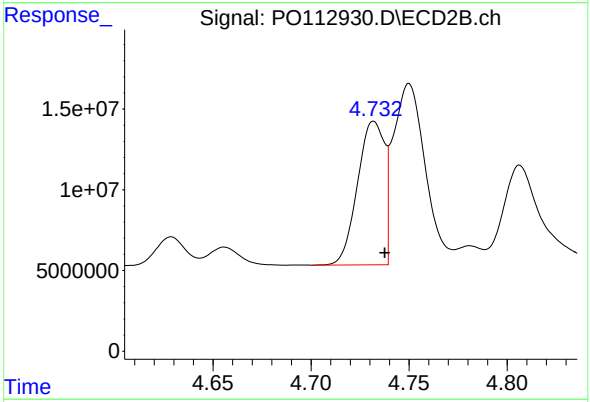
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 90402312
Conc: 51.16 ng/ml



#3 AR-1016-1

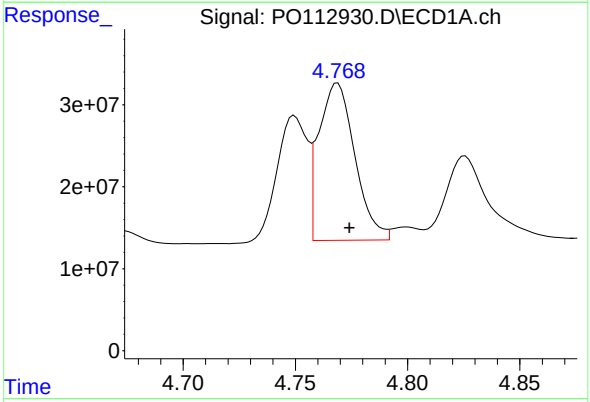
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 142157251
Conc: 529.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



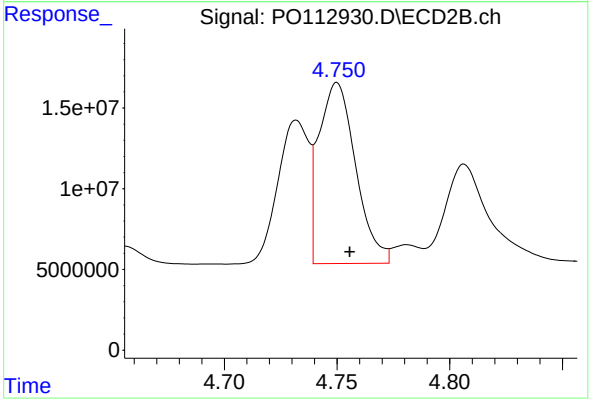
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 84916105
Conc: 485.22 ng/ml



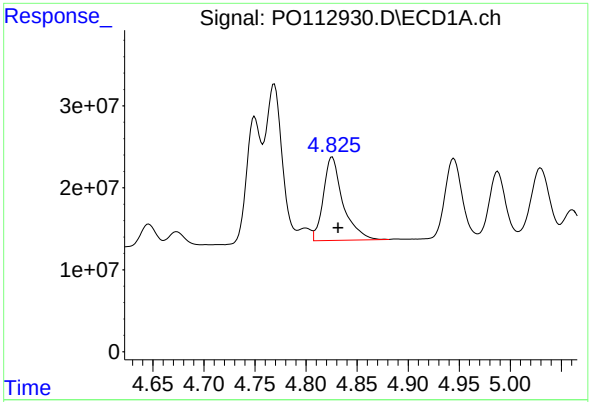
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 214937074
Conc: 529.25 ng/ml



#4 AR-1016-2

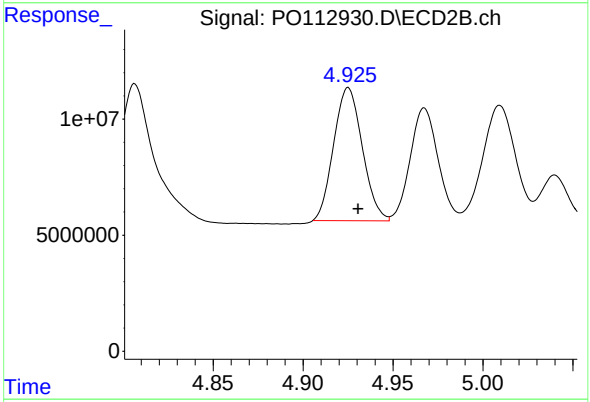
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 127524195
Conc: 489.55 ng/ml



#5 AR-1016-3

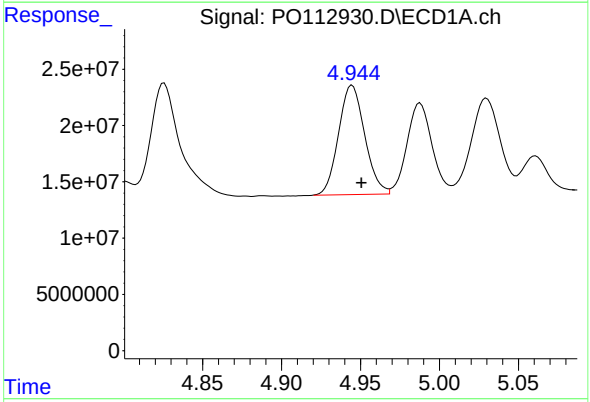
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 136008751
Conc: 519.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



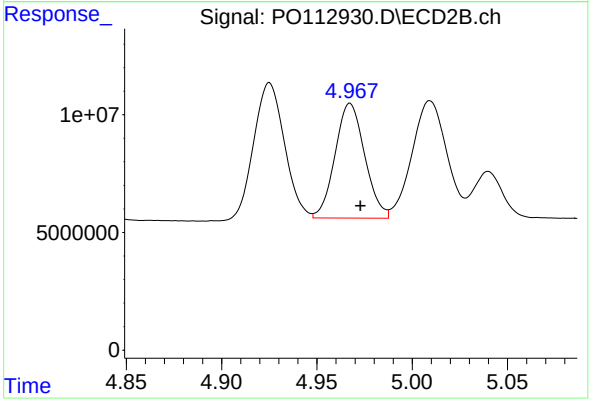
#5 AR-1016-3

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 63664534
Conc: 468.24 ng/ml



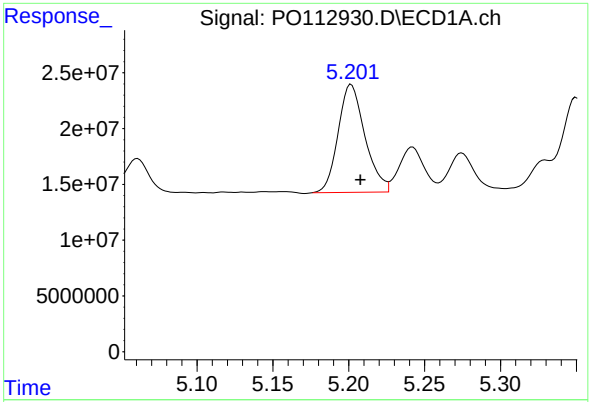
#6 AR-1016-4

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 112180513
Conc: 529.55 ng/ml



#6 AR-1016-4

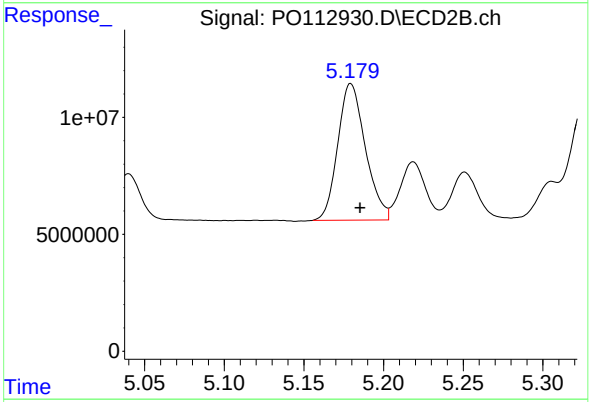
R.T.: 4.967 min
Delta R.T.: -0.005 min
Response: 52859624
Conc: 475.85 ng/ml



#7 AR-1016-5

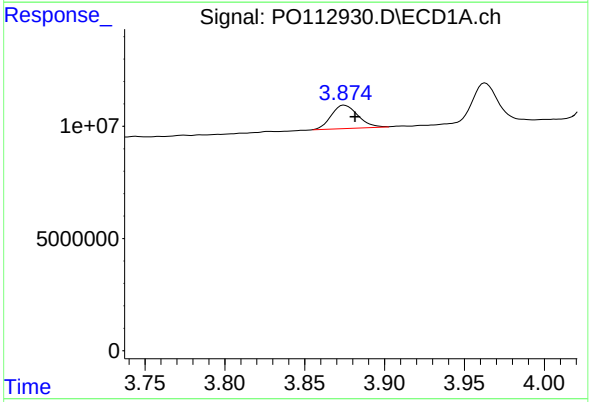
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 119061494
Conc: 542.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



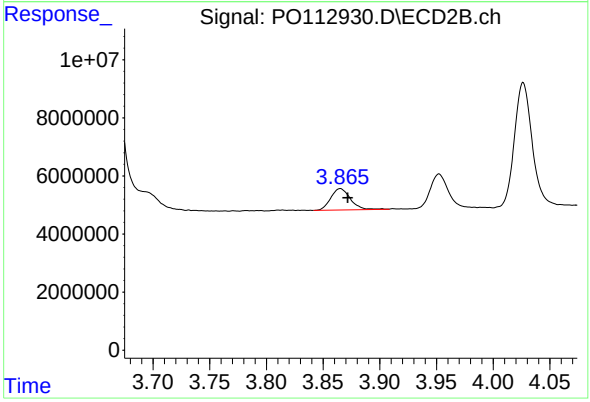
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 70479899
Conc: 491.82 ng/ml



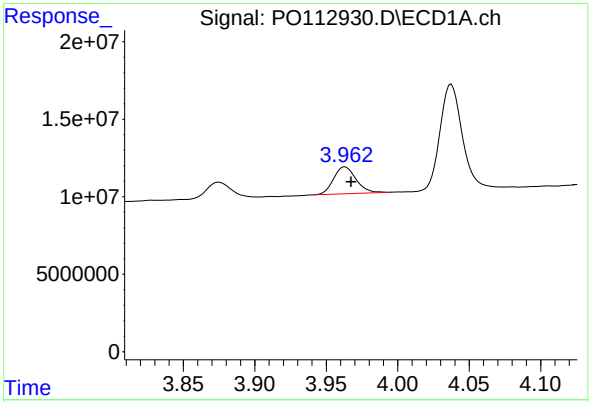
#8 AR-1221-1

R.T.: 3.875 min
Delta R.T.: -0.007 min
Response: 12130522
Conc: 125.50 ng/ml



#8 AR-1221-1

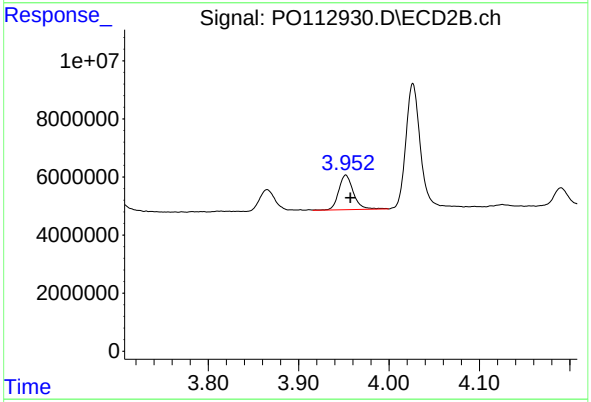
R.T.: 3.865 min
Delta R.T.: -0.007 min
Response: 8921600
Conc: 132.63 ng/ml



#9 AR-1221-2

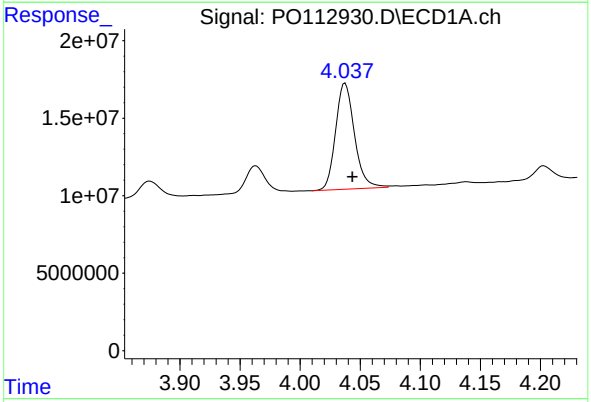
R.T.: 3.963 min
Delta R.T.: -0.004 min
Response: 18994725
Conc: 264.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



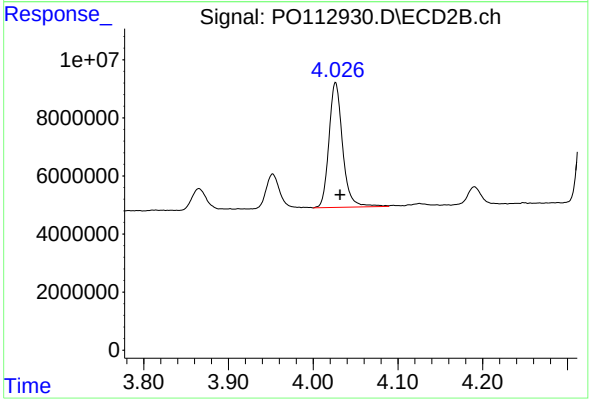
#9 AR-1221-2

R.T.: 3.952 min
Delta R.T.: -0.005 min
Response: 13434885
Conc: 264.84 ng/ml



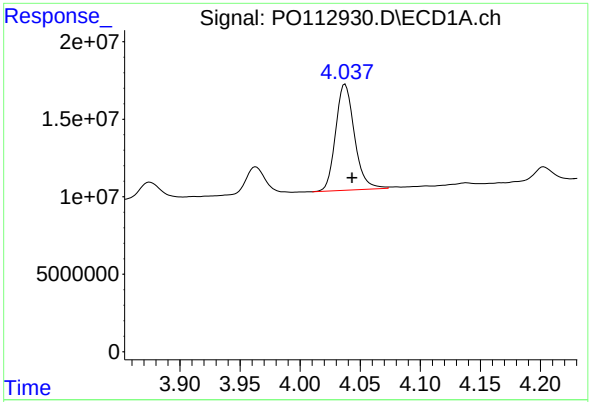
#10 AR-1221-3

R.T.: 4.037 min
Delta R.T.: -0.006 min
Response: 74443723
Conc: 313.17 ng/ml



#10 AR-1221-3

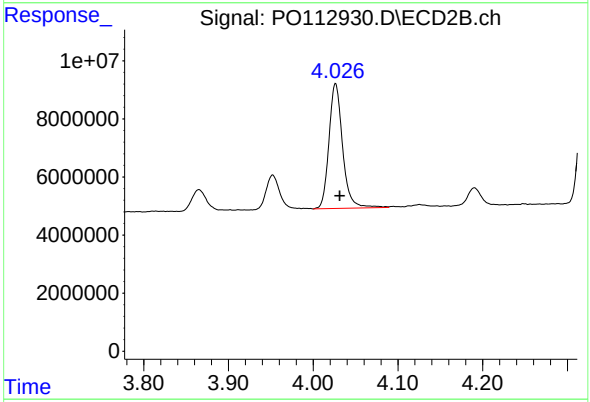
R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 48223271
Conc: 304.19 ng/ml



#11 AR-1232-1

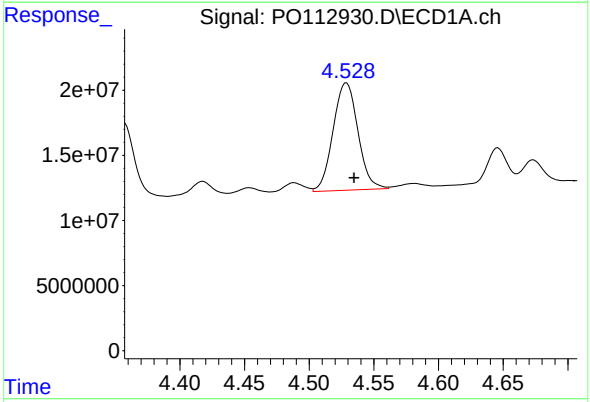
R.T.: 4.037 min
Delta R.T.: -0.006 min
Response: 74443723
Conc: 398.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



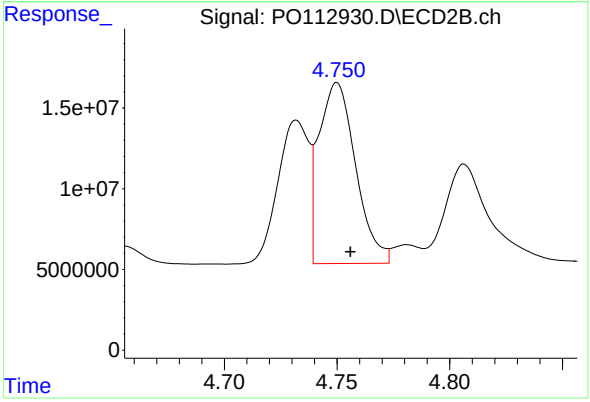
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 48223271
Conc: 381.06 ng/ml



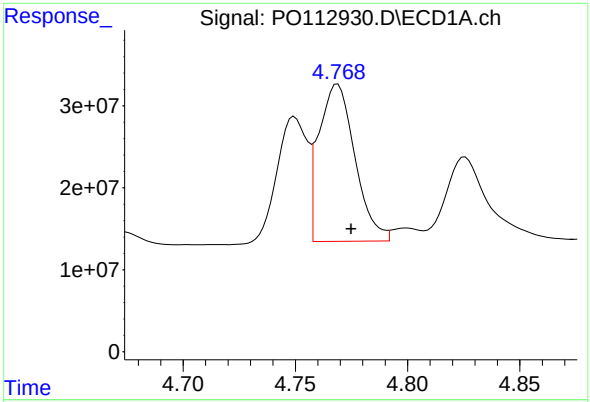
#12 AR-1232-2

R.T.: 4.529 min
Delta R.T.: -0.006 min
Response: 110284643
Conc: 1024.71 ng/ml



#12 AR-1232-2

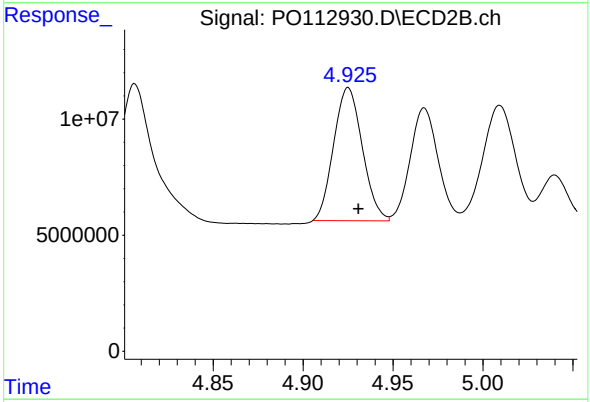
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 127524195
Conc: 972.32 ng/ml



#13 AR-1232-3

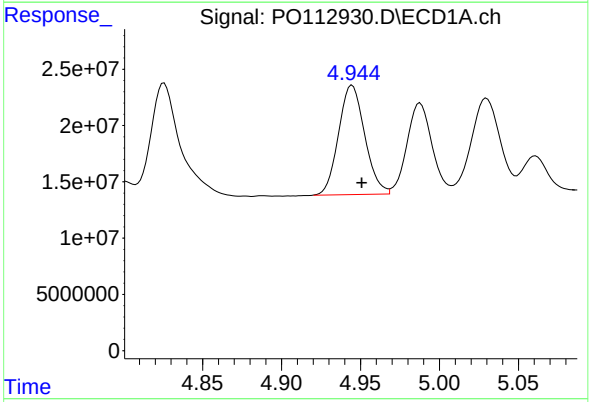
R.T.: 4.769 min
Delta R.T.: -0.006 min
Response: 214937074
Conc: 1039.35 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



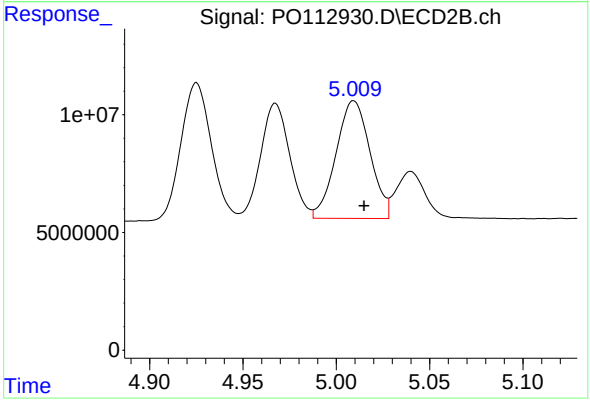
#13 AR-1232-3

R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 63664534
Conc: 947.43 ng/ml



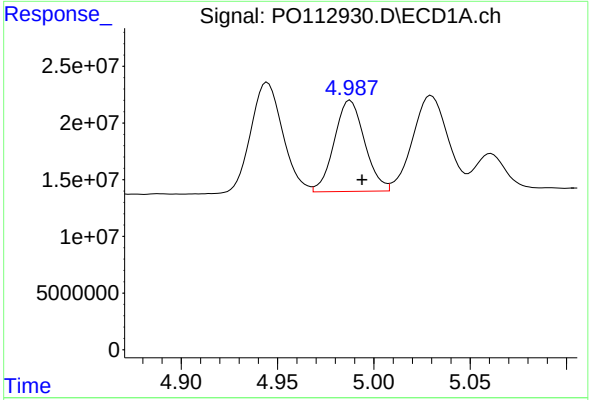
#14 AR-1232-4

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 112180513
Conc: 1071.03 ng/ml



#14 AR-1232-4

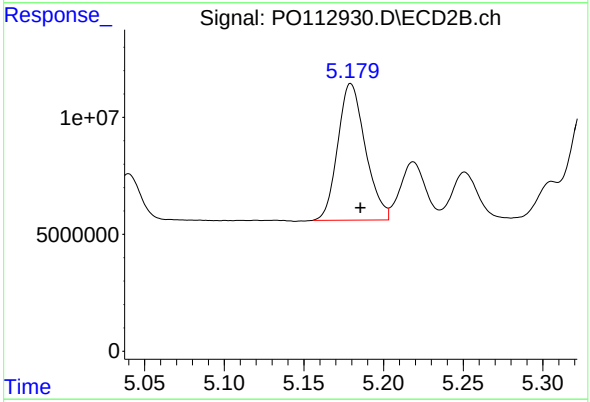
R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 63447483
Conc: 1060.48 ng/ml



#15 AR-1232-5

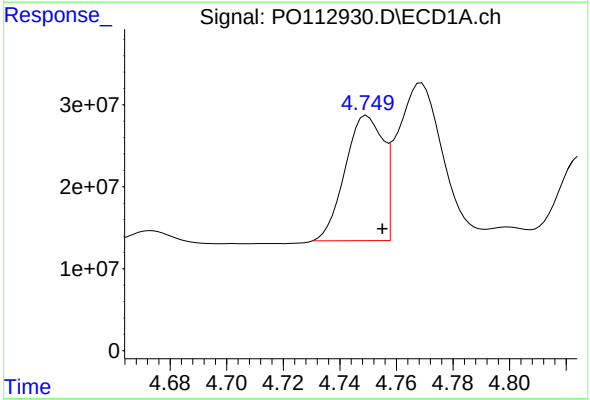
R.T.: 4.988 min
Delta R.T.: -0.006 min
Response: 88394215
Conc: 1302.20 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



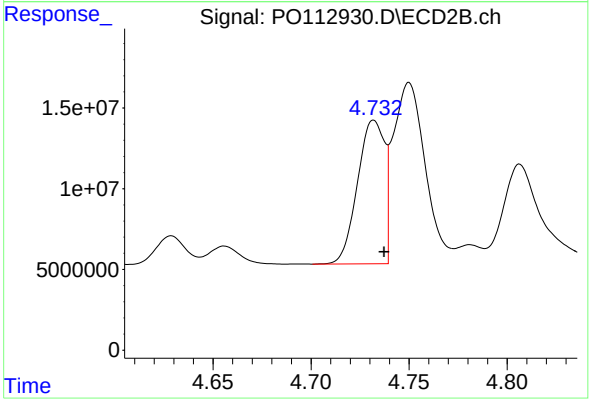
#15 AR-1232-5

R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 70479899
Conc: 1080.93 ng/ml



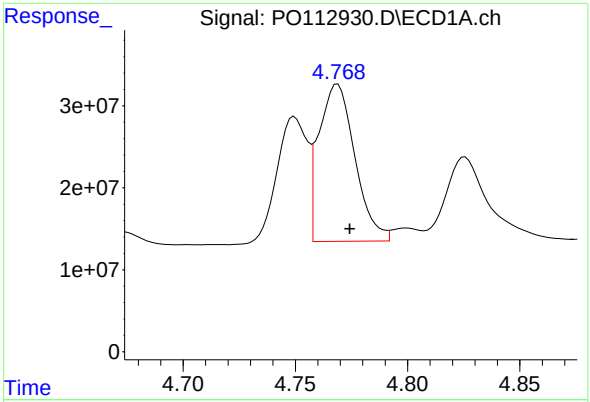
#16 AR-1242-1

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 142157251
Conc: 574.16 ng/ml



#16 AR-1242-1

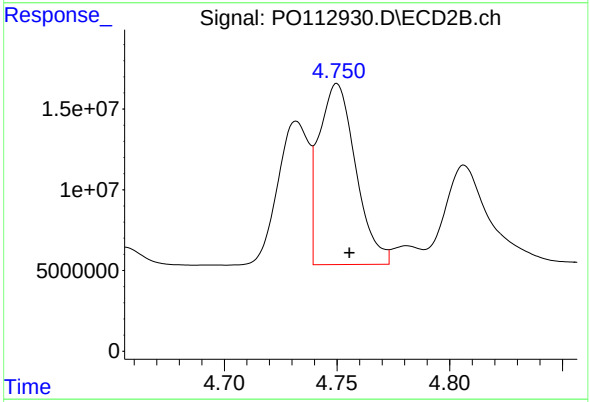
R.T.: 4.732 min
Delta R.T.: -0.005 min
Response: 84916105
Conc: 536.11 ng/ml



#17 AR-1242-2

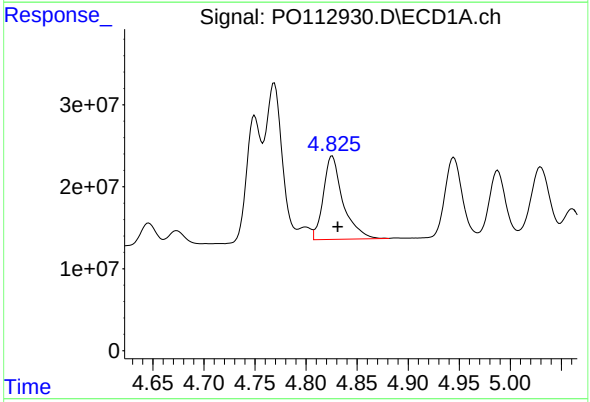
R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 214937074
Conc: 581.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



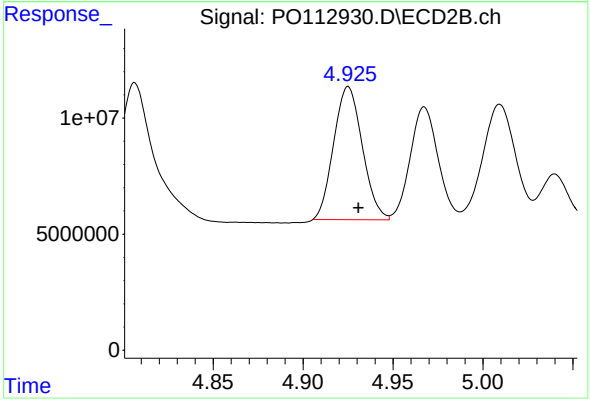
#17 AR-1242-2

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 127524195
Conc: 545.75 ng/ml



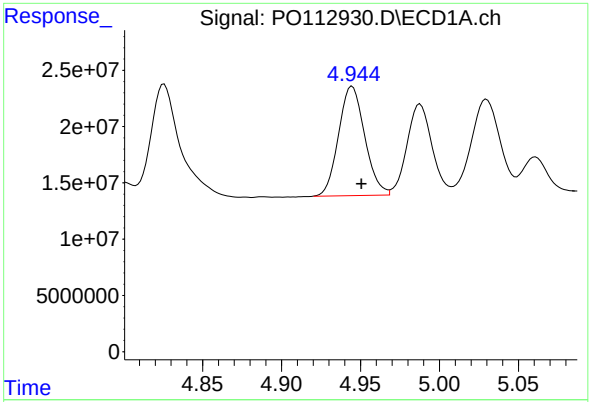
#18 AR-1242-3

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 136008751
Conc: 574.71 ng/ml



#18 AR-1242-3

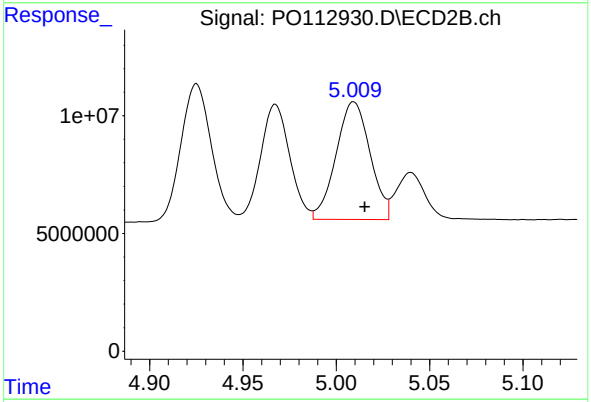
R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 63664534
Conc: 525.33 ng/ml



#19 AR-1242-4

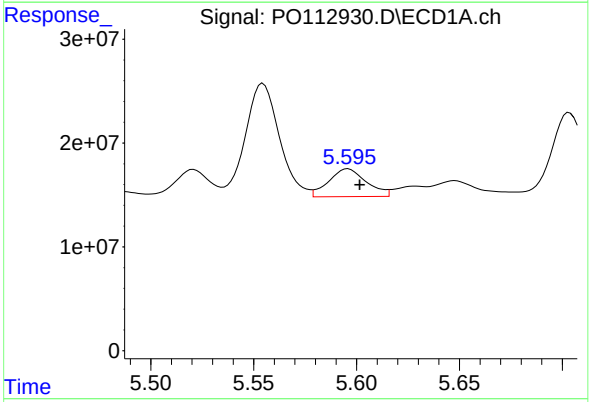
R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 112180513
Conc: 577.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



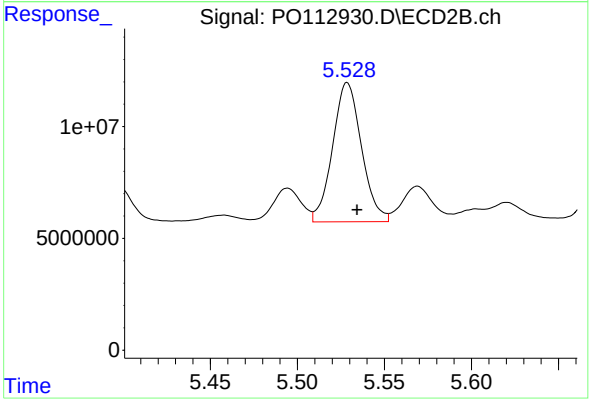
#19 AR-1242-4

R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 63447483
Conc: 516.93 ng/ml



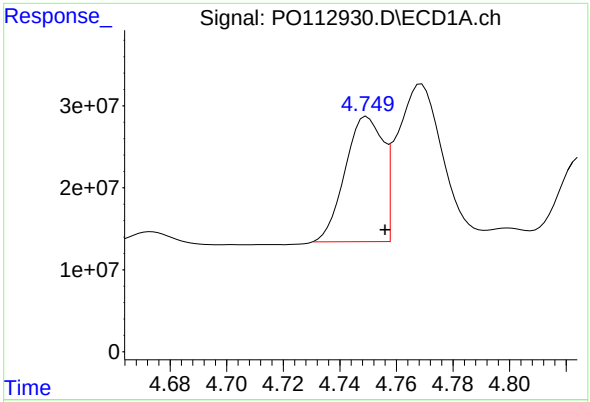
#20 AR-1242-5

R.T.: 5.596 min
Delta R.T.: -0.006 min
Response: 34193500
Conc: 159.85 ng/ml



#20 AR-1242-5

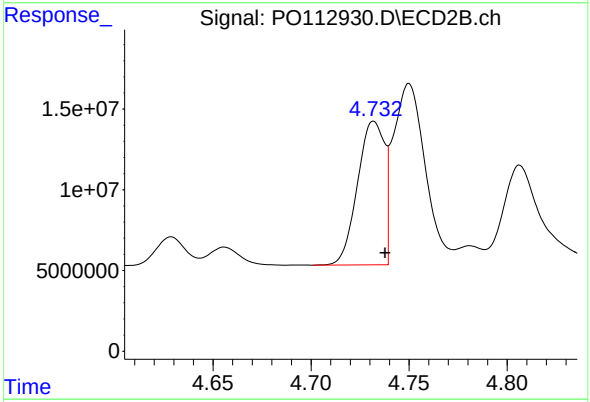
R.T.: 5.529 min
Delta R.T.: -0.006 min
Response: 71980422
Conc: 447.16 ng/ml



#21 AR-1248-1

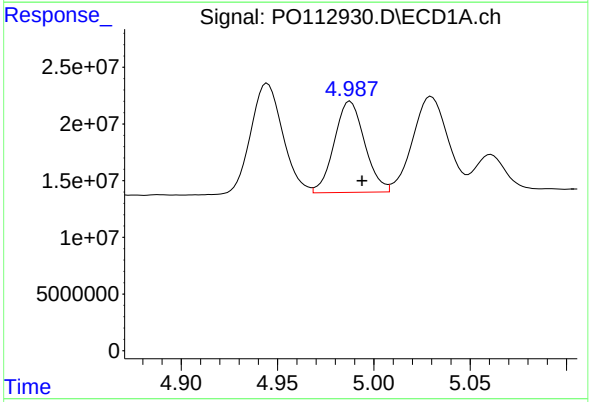
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 142157251
Conc: 759.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



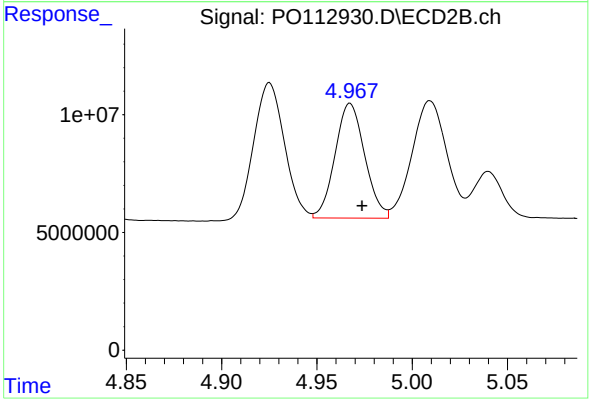
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 84916105
Conc: 698.84 ng/ml



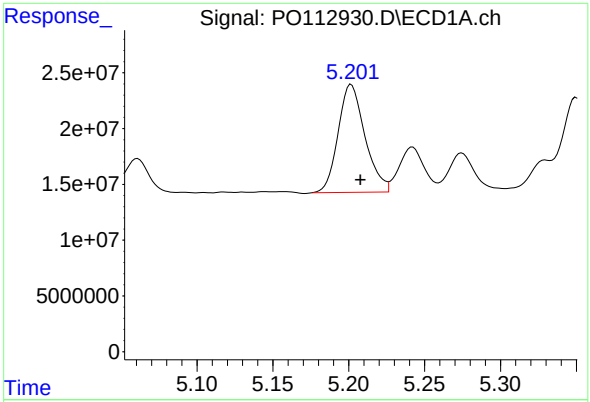
#22 AR-1248-2

R.T.: 4.988 min
Delta R.T.: -0.006 min
Response: 88394215
Conc: 346.49 ng/ml



#22 AR-1248-2

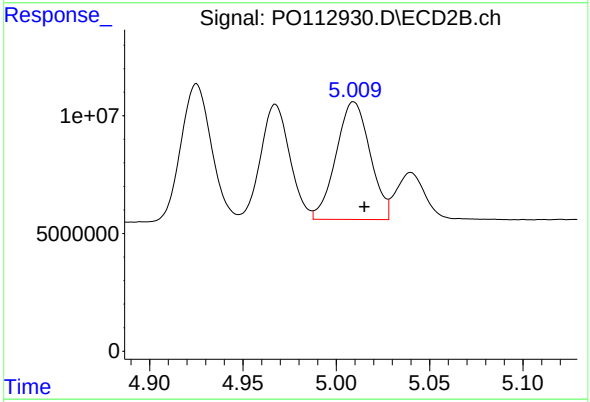
R.T.: 4.967 min
Delta R.T.: -0.006 min
Response: 52859624
Conc: 312.26 ng/ml



#23 AR-1248-3

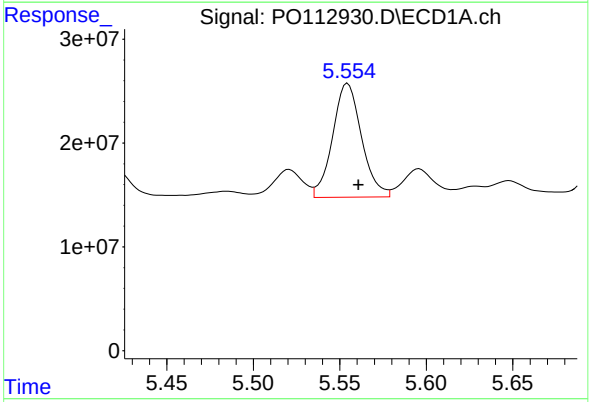
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 119061494
Conc: 346.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



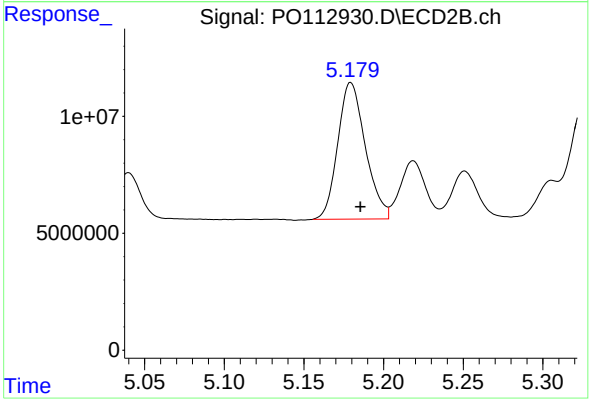
#23 AR-1248-3

R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 63447483
Conc: 357.15 ng/ml



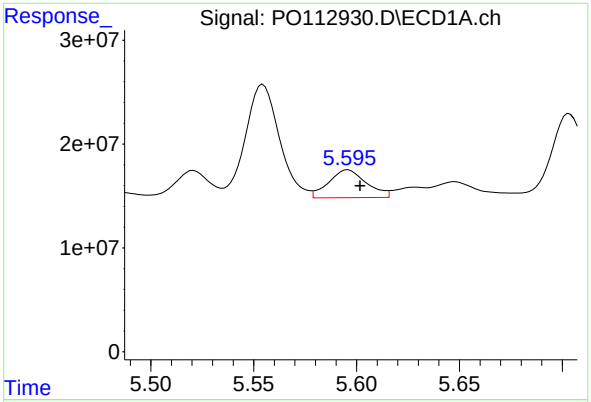
#24 AR-1248-4

R.T.: 5.555 min
Delta R.T.: -0.006 min
Response: 127408498
Conc: 250.77 ng/ml



#24 AR-1248-4

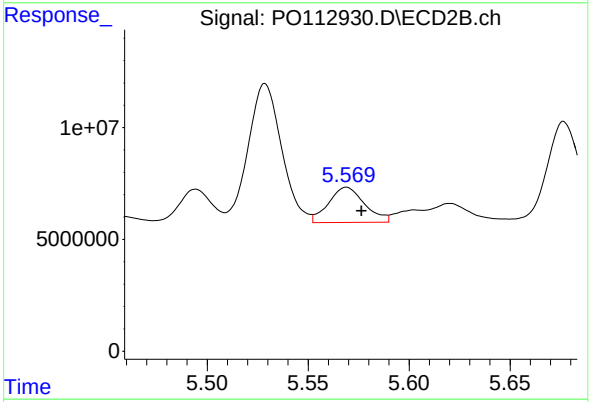
R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 70479899
Conc: 338.27 ng/ml



#25 AR-1248-5

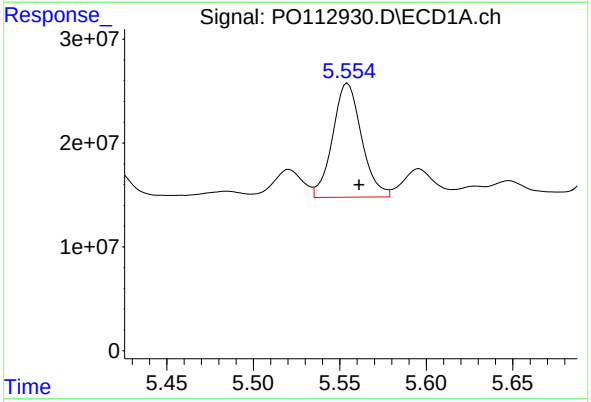
R.T.: 5.596 min
Delta R.T.: -0.006 min
Response: 34193500
Conc: 97.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



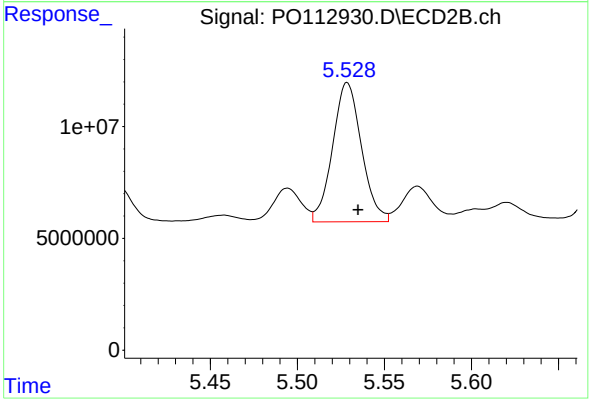
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: -0.007 min
Response: 19630557
Conc: 91.40 ng/ml



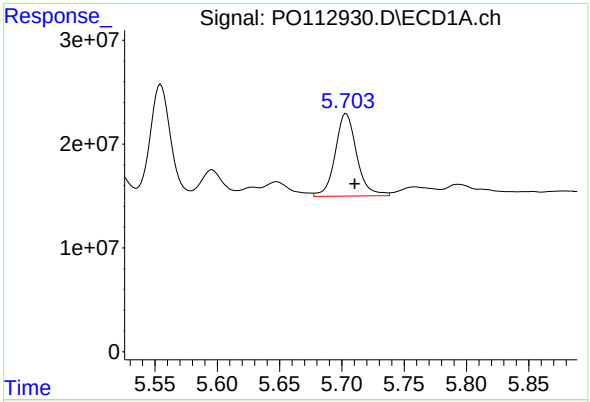
#26 AR-1254-1

R.T.: 5.555 min
Delta R.T.: -0.007 min
Response: 127408498
Conc: 232.09 ng/ml



#26 AR-1254-1

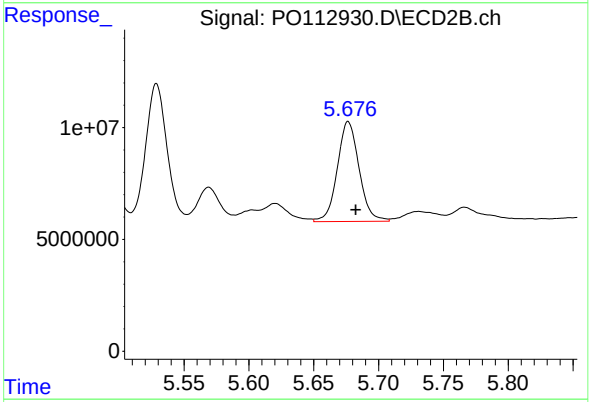
R.T.: 5.529 min
Delta R.T.: -0.006 min
Response: 71980422
Conc: 219.04 ng/ml



#27 AR-1254-2

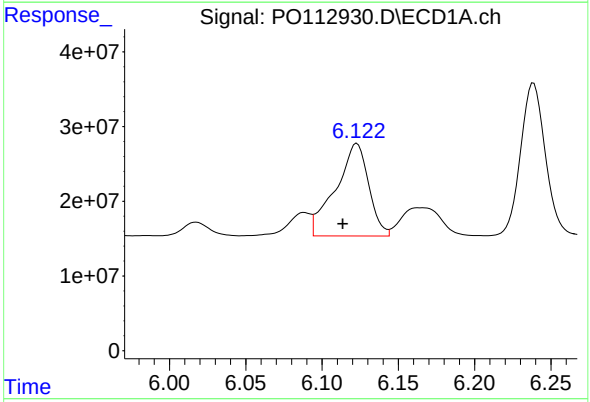
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 95564548
Conc: 196.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



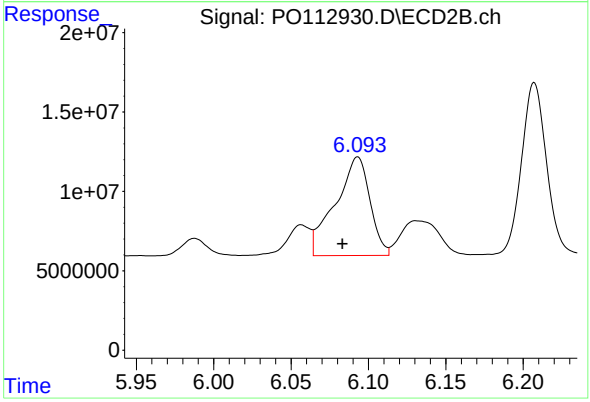
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 52266490
Conc: 180.55 ng/ml



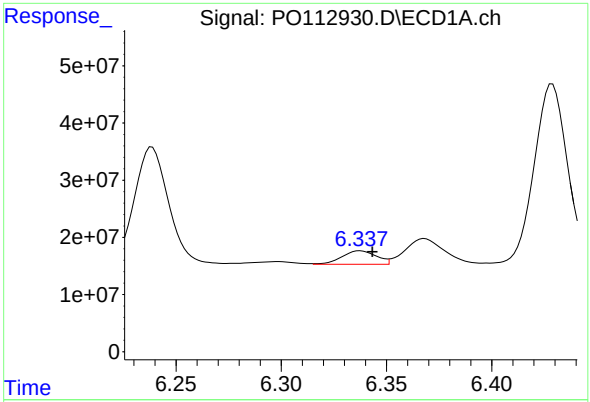
#28 AR-1254-3

R.T.: 6.123 min
Delta R.T.: 0.009 min
Response: 187177896
Conc: 251.49 ng/ml



#28 AR-1254-3

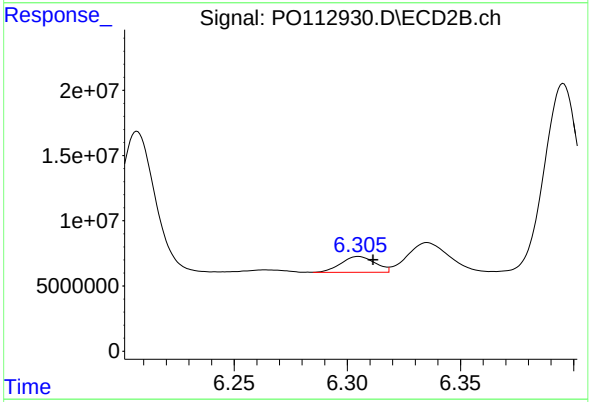
R.T.: 6.093 min
Delta R.T.: 0.010 min
Response: 96949239
Conc: 226.80 ng/ml



#29 AR-1254-4

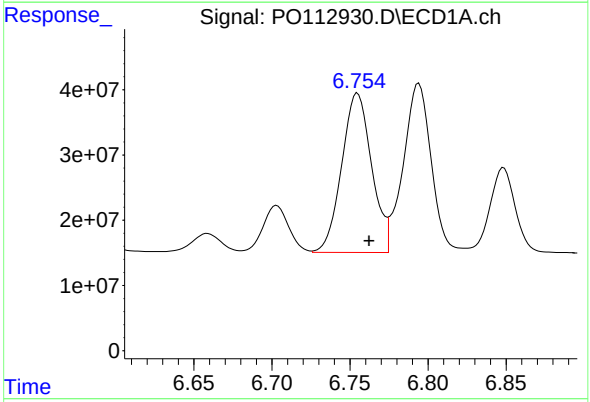
R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 26976677
Conc: 49.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



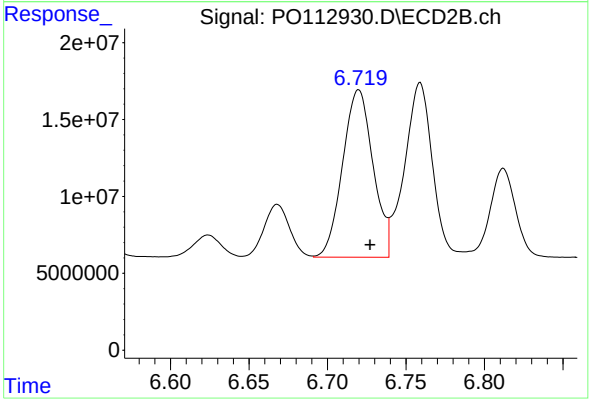
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.006 min
Response: 12737460
Conc: 46.66 ng/ml



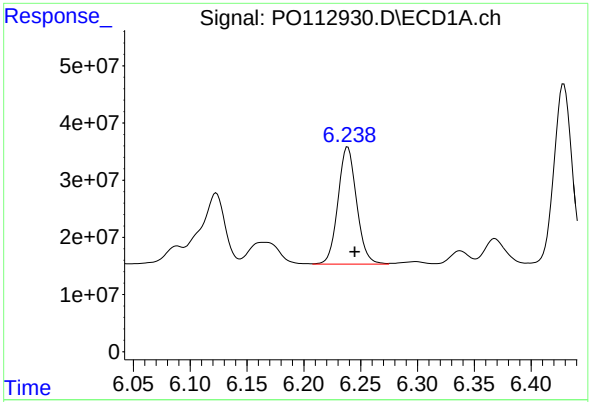
#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 325789548
Conc: 460.27 ng/ml



#30 AR-1254-5

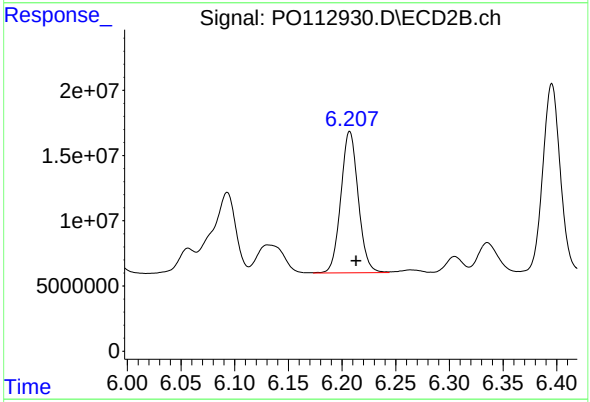
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 146887812
Conc: 439.76 ng/ml



#31 AR-1260-1

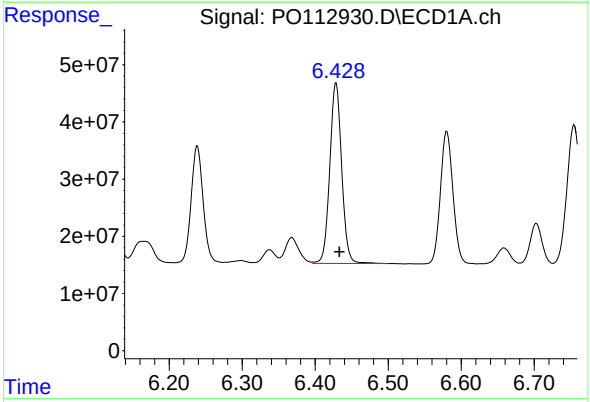
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 233719603
Conc: 531.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



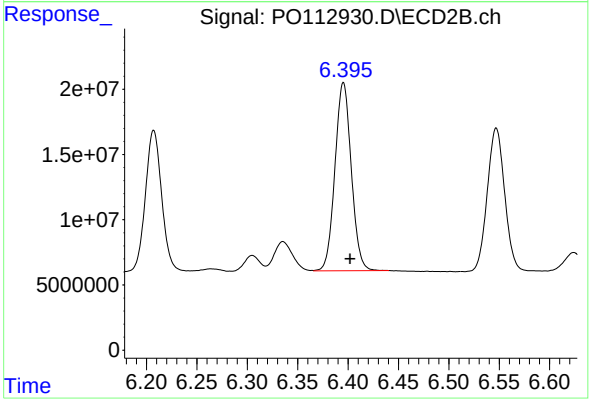
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 122182802
Conc: 491.66 ng/ml



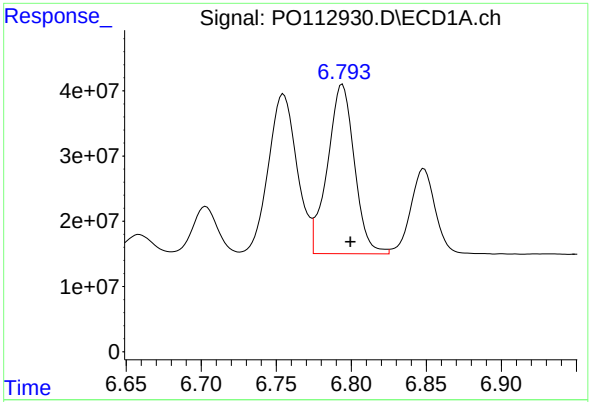
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 356744970
Conc: 518.60 ng/ml



#32 AR-1260-2

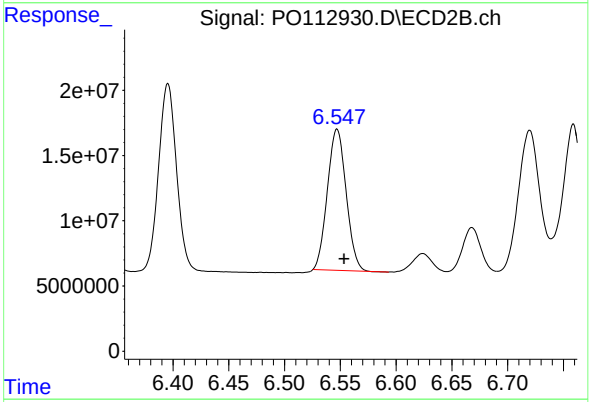
R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 162843180
Conc: 494.22 ng/ml



#33 AR-1260-3

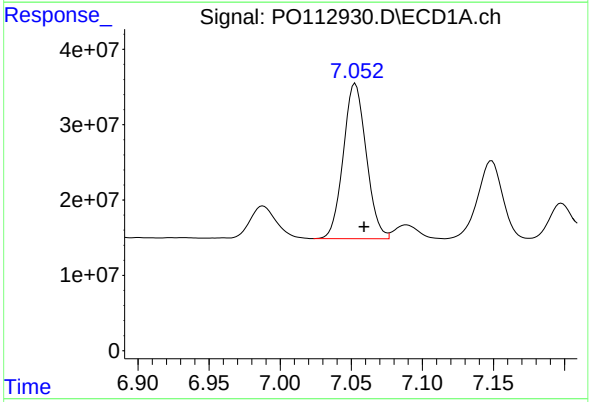
R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 324440312
Conc: 551.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



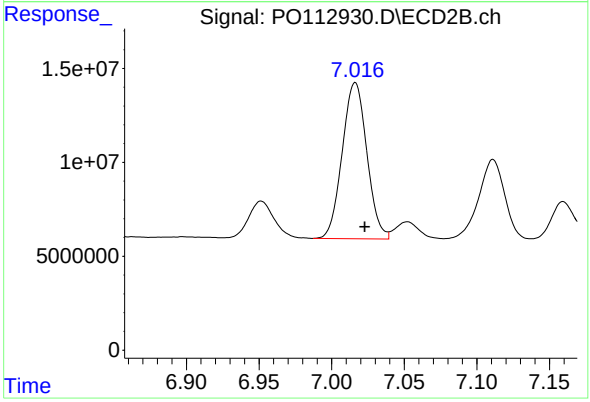
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 126883272
Conc: 493.86 ng/ml



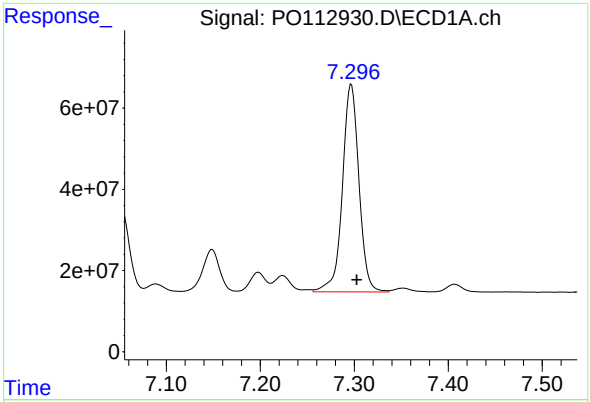
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 231785387
Conc: 513.93 ng/ml



#34 AR-1260-4

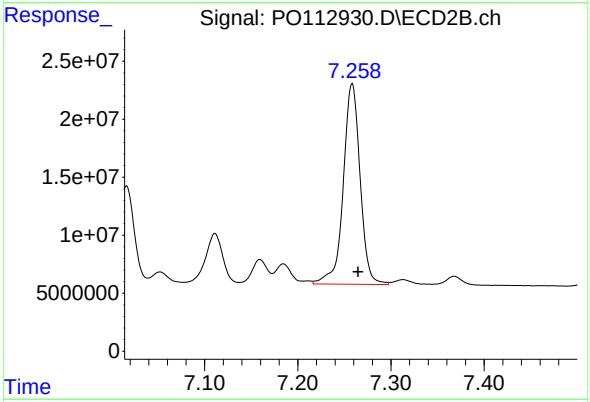
R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 98251223
Conc: 513.57 ng/ml



#35 AR-1260-5

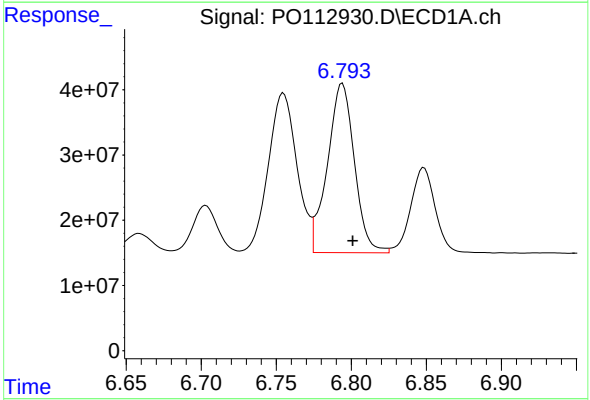
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 625200433
Conc: 504.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



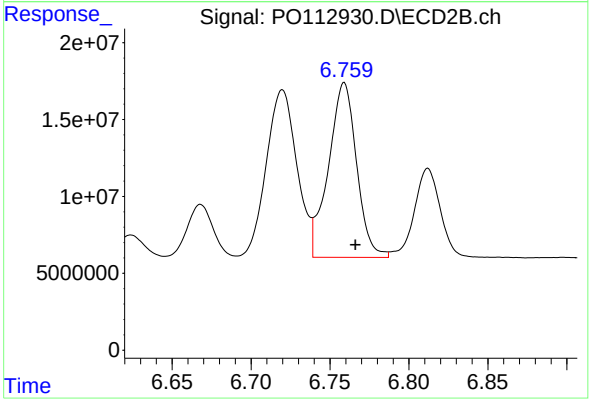
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 217670038
Conc: 528.08 ng/ml



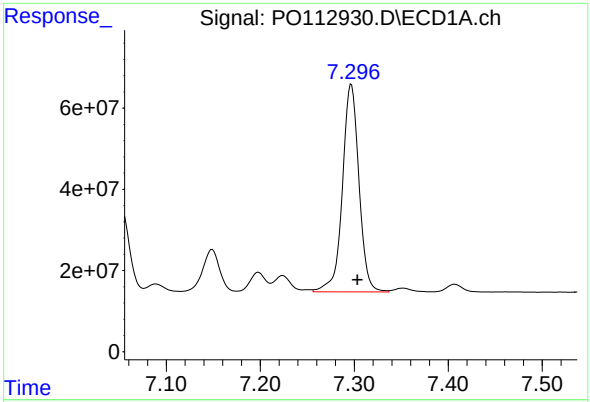
#36 AR-1262-1

R.T.: 6.794 min
Delta R.T.: -0.007 min
Response: 324440312
Conc: 349.16 ng/ml



#36 AR-1262-1

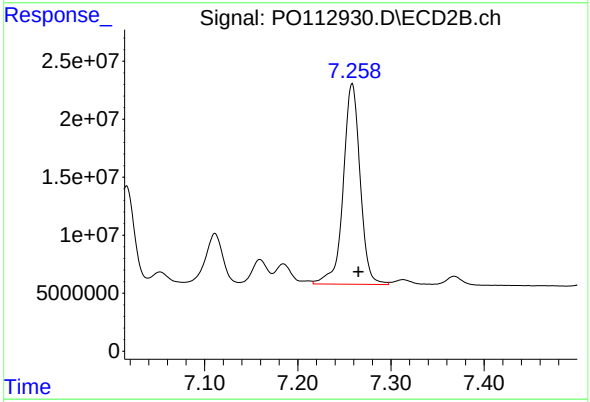
R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 140956839
Conc: 339.80 ng/ml



#37 AR-1262-2

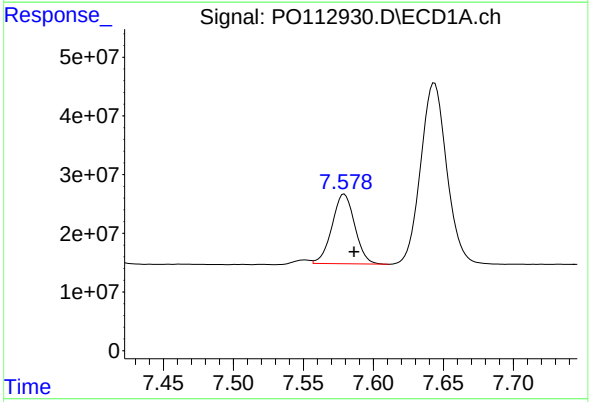
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 625200433
Conc: 420.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



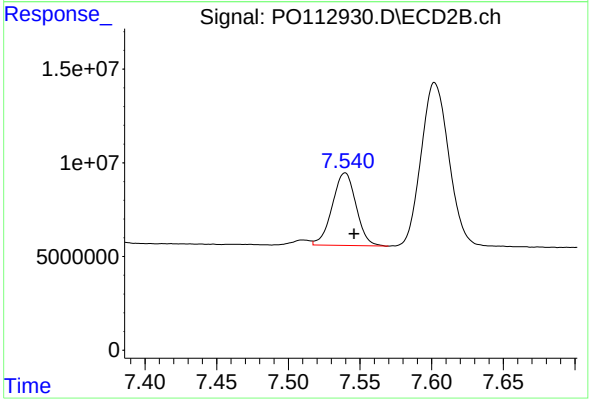
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: -0.007 min
Response: 217670038
Conc: 422.21 ng/ml



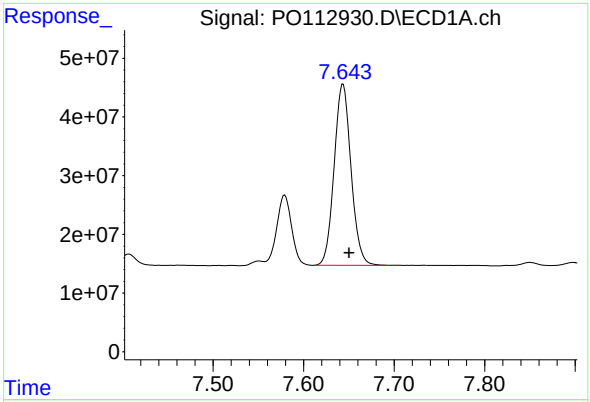
#38 AR-1262-3

R.T.: 7.579 min
Delta R.T.: -0.007 min
Response: 134344108
Conc: 227.60 ng/ml



#38 AR-1262-3

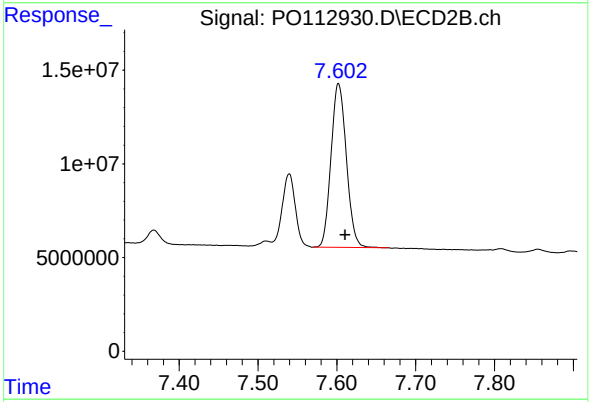
R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 44684424
Conc: 239.56 ng/ml



#39 AR-1262-4

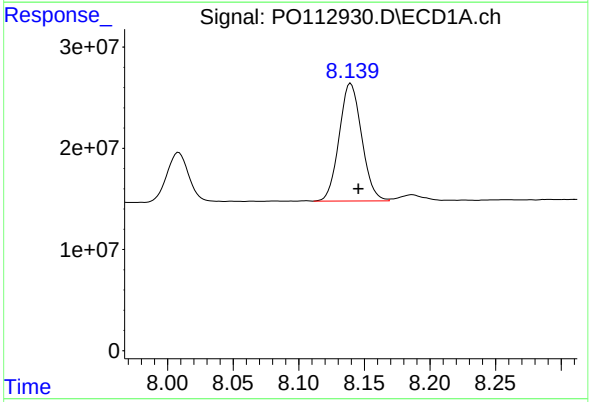
R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 400248527
Conc: 402.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



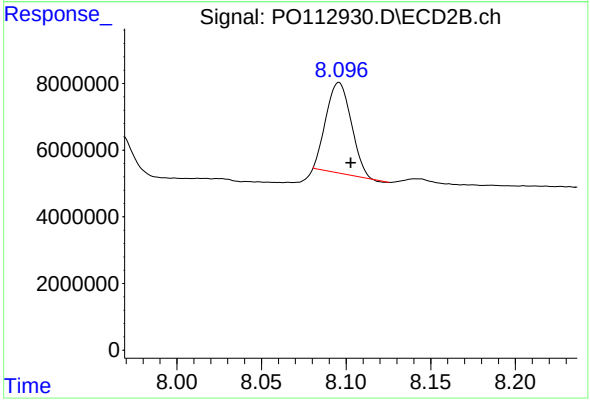
#39 AR-1262-4

R.T.: 7.602 min
Delta R.T.: -0.008 min
Response: 117874463
Conc: 409.14 ng/ml



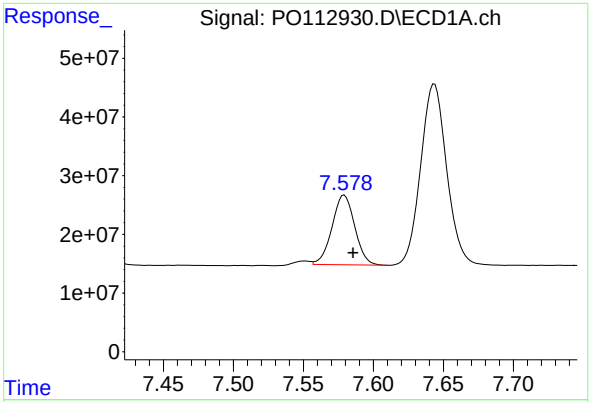
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 138714275
Conc: 319.57 ng/ml



#40 AR-1262-5

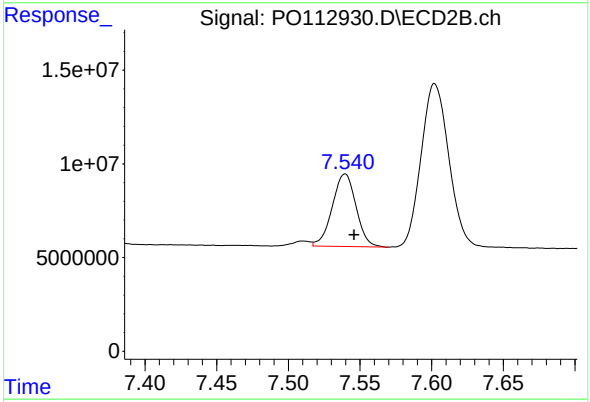
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 27963692
Conc: 281.03 ng/ml



#41 AR-1268-1

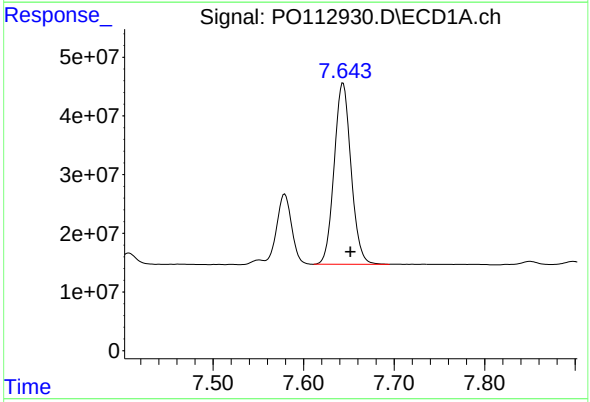
R.T.: 7.579 min
Delta R.T.: -0.006 min
Response: 134344108
Conc: 76.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



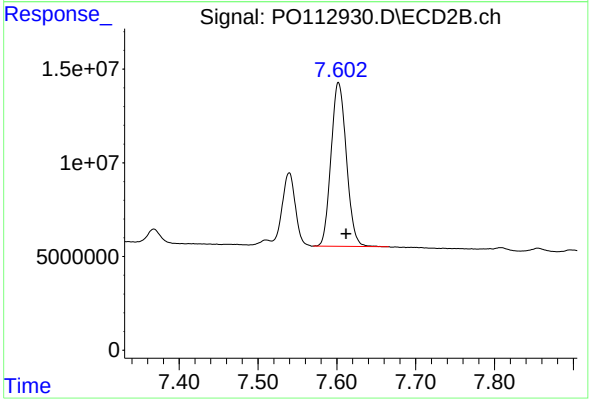
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 44684424
Conc: 86.29 ng/ml



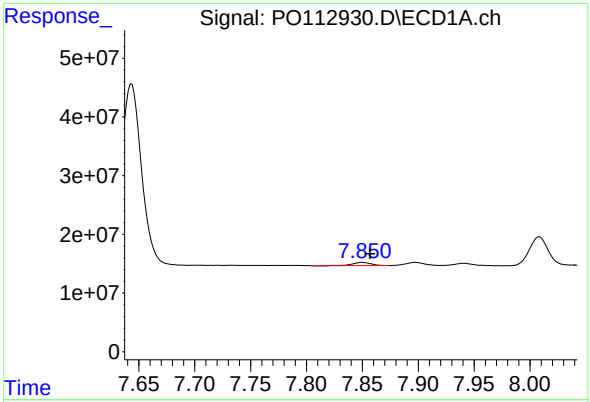
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.008 min
Response: 400248527
Conc: 271.72 ng/ml



#42 AR-1268-2

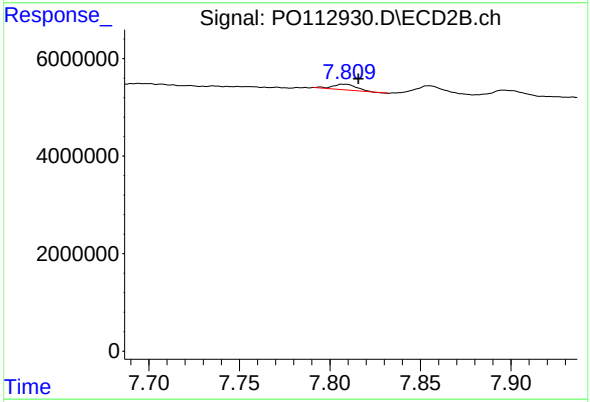
R.T.: 7.602 min
Delta R.T.: -0.009 min
Response: 117874463
Conc: 277.31 ng/ml



#43 AR-1268-3

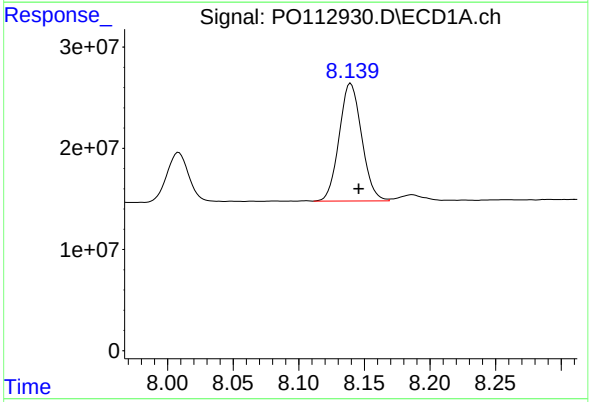
R.T.: 7.850 min
Delta R.T.: -0.007 min
Response: 6513587
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



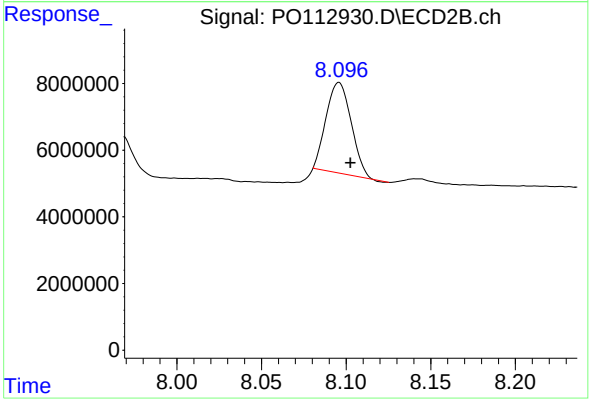
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: -0.008 min
Response: 1087189
Conc: 3.38 ng/ml



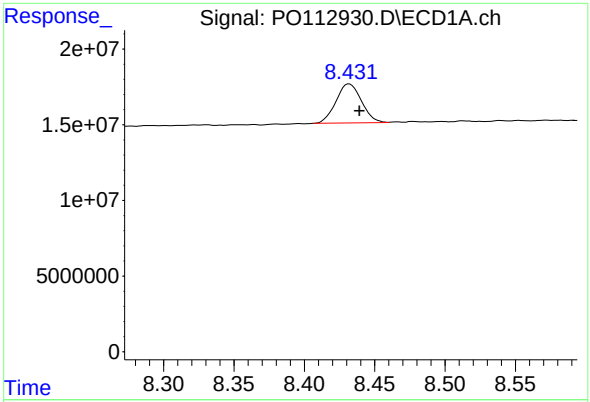
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 138714275
Conc: 287.87 ng/ml



#44 AR-1268-4

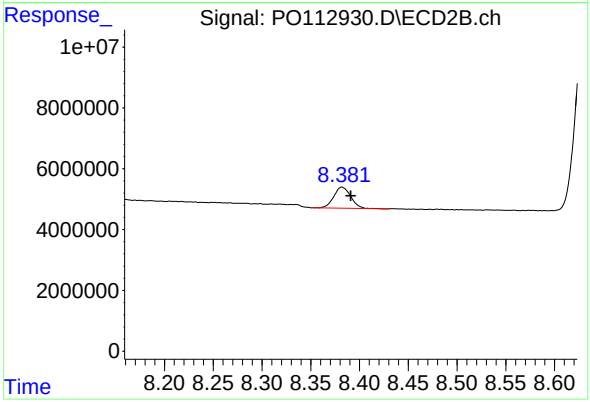
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 27963692
Conc: 251.26 ng/ml



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: -0.007 min
Response: 32502195
Conc: 9.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.382 min
Delta R.T.: -0.009 min
Response: 8391488
Conc: 11.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:23
Operator : YP/AJ
Sample : Q2814-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:47:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.668	3.659	94416774	50378370	11.611	10.138	
2)	SA Decachlor...	8.687	8.632	98475019	25161002	13.468	14.238	
	Target Compounds							
3)	L1 AR-1016-1	4.759	4.737	3646497	3099251	13.588	17.709	#
4)	L1 AR-1016-2	4.759	4.737	3646497	3099251	8.979	11.898	#
5)	L1 AR-1016-3	4.830	4.928	3732299	1735961	14.263	12.768	
6)	L1 AR-1016-4	4.948	4.975	1717531	2223217	8.108	20.014	#
7)	L1 AR-1016-5	5.202	5.181	24678835	4373678	112.447	30.520	#
8)	L2 AR-1221-1	3.896	3.886	16820377	6595382	174.017	98.049	#
9)	L2 AR-1221-2	3.957	3.938	20895117	21503805	290.767	423.904	#
10)	L2 AR-1221-3	4.044	4.035	4900120	1025720	20.614	6.470	#
11)	L3 AR-1232-1	4.044	4.035	4900120	1025720	26.207	8.105	#
12)	L3 AR-1232-2	4.541	4.737	9934771	3099251	92.309	23.630	#
13)	L3 AR-1232-3	4.759	4.928	3646497	1735961	17.633	25.834	#
14)	L3 AR-1232-4	4.948	5.005	1717531	3753162	16.398	62.731	#
15)	L3 AR-1232-5	5.017	5.181	16321691	4373678	240.446	67.078	#
16)	L4 AR-1242-1	4.759	4.737	3646497	3099251	14.728	19.567	#
17)	L4 AR-1242-2	4.759	4.737	3646497	3099251	9.861	13.264	#
18)	L4 AR-1242-3	4.830	4.928	3732299	1735961	15.771	14.324	
19)	L4 AR-1242-4	4.948	5.005	1717531	3753162	8.841	30.578	#
20)	L4 AR-1242-5	5.597	5.531	23325894	14756371	109.043	91.671	
21)	L5 AR-1248-1	4.759	4.737	3646497	3099251	19.478	25.506	#
22)	L5 AR-1248-2	5.017	4.975	16321691	2223217	63.978	13.133	#
23)	L5 AR-1248-3	5.202	5.005	24678835	3753162	71.803	21.127	#
24)	L5 AR-1248-4	5.559	5.181	67045900	4373678	131.960	20.992	#
25)	L5 AR-1248-5	5.597	5.573	23325894	8280810	66.723	38.558	#
26)	L6 AR-1254-1	5.559	5.531	67045900	14756371	122.133	44.904	#
27)	L6 AR-1254-2	5.710	5.680	45940194	15369693	94.543	53.092	#
28)	L6 AR-1254-3	6.116	6.082	31791555	21736644	42.714	50.851	
29)	L6 AR-1254-4	6.337	6.305	11916425	4862204	21.678	17.813	
30)	L6 AR-1254-5	6.757	6.720	28126751	8798130	39.737	26.340	#
31)	L7 AR-1260-1	6.240	6.206	21904589	11949757	49.859	48.085	
32)	L7 AR-1260-2	6.430	6.396	16709836	8697242	24.291	26.396	
33)	L7 AR-1260-3	6.790	6.546	22643343	4764296	38.508	18.544	#
34)	L7 AR-1260-4	7.055	7.017	18711463	3378219	41.488	17.658	#
35)	L7 AR-1260-5	7.297	7.257	19461401	5633013	15.706	13.666	
36)	L8 AR-1262-1	6.790	6.755	22643343	6098102	24.368	14.700	#
37)	L8 AR-1262-2	7.297	7.257	19461401	5633013	13.088	10.926	
38)	L8 AR-1262-3	7.582	7.541	10507890	2605632	17.802	13.969	
39)	L8 AR-1262-4	7.642	7.602	14270730	3668412	14.354	12.733	
40)	L8 AR-1262-5	8.136	8.093	43729081	4306848	100.744	43.283	#
41)	L9 AR-1268-1	7.582	7.541	10507890	2605632	6.001	5.032	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:23
Operator : YP/AJ
Sample : Q2814-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TW-518R-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:47:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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	7.642	7.602	14270730	3668412	9.688	8.630	
43) L9	AR-1268-3	7.848	7.804	6313273	540483	5.042	1.682	#
44) L9	AR-1268-4	8.136	8.093	43729081	4306848	90.750	38.697	#
45) L9	AR-1268-5	8.437	8.383	1637180	867150	0.488	1.185	#

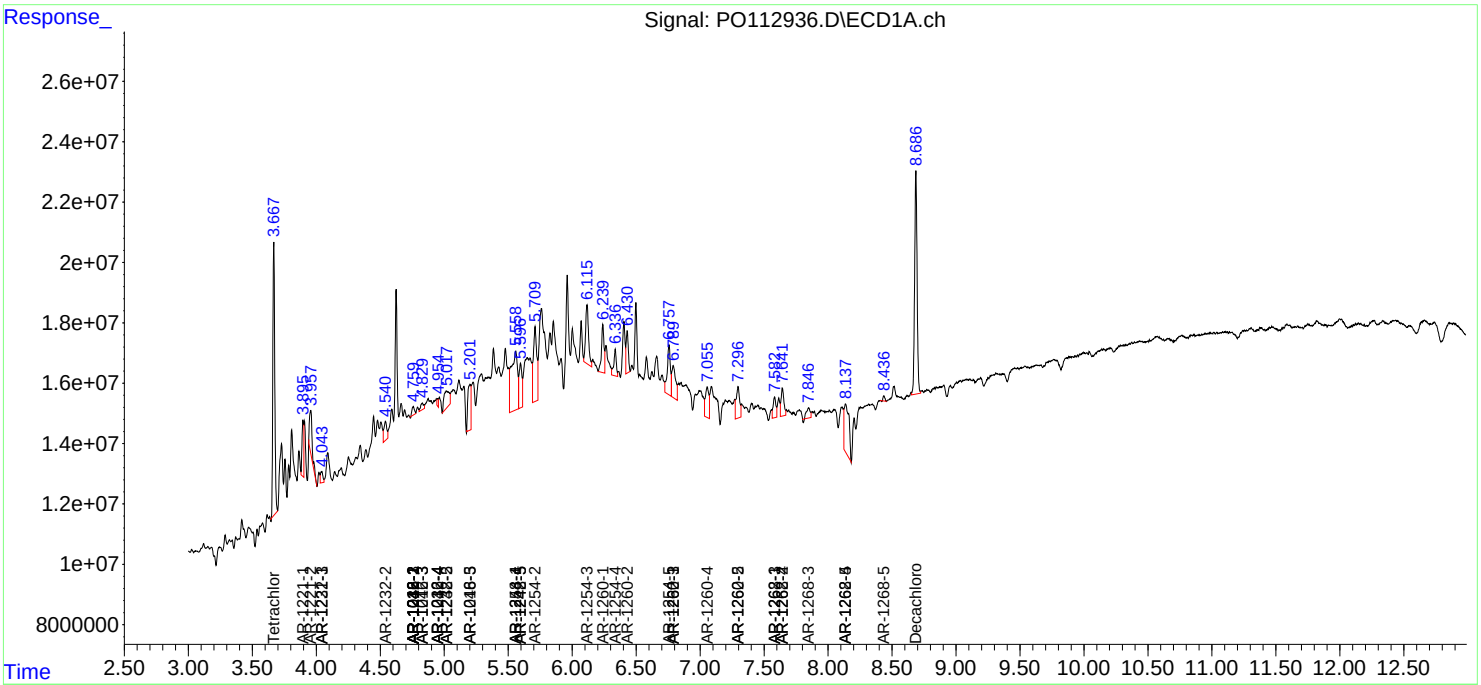
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

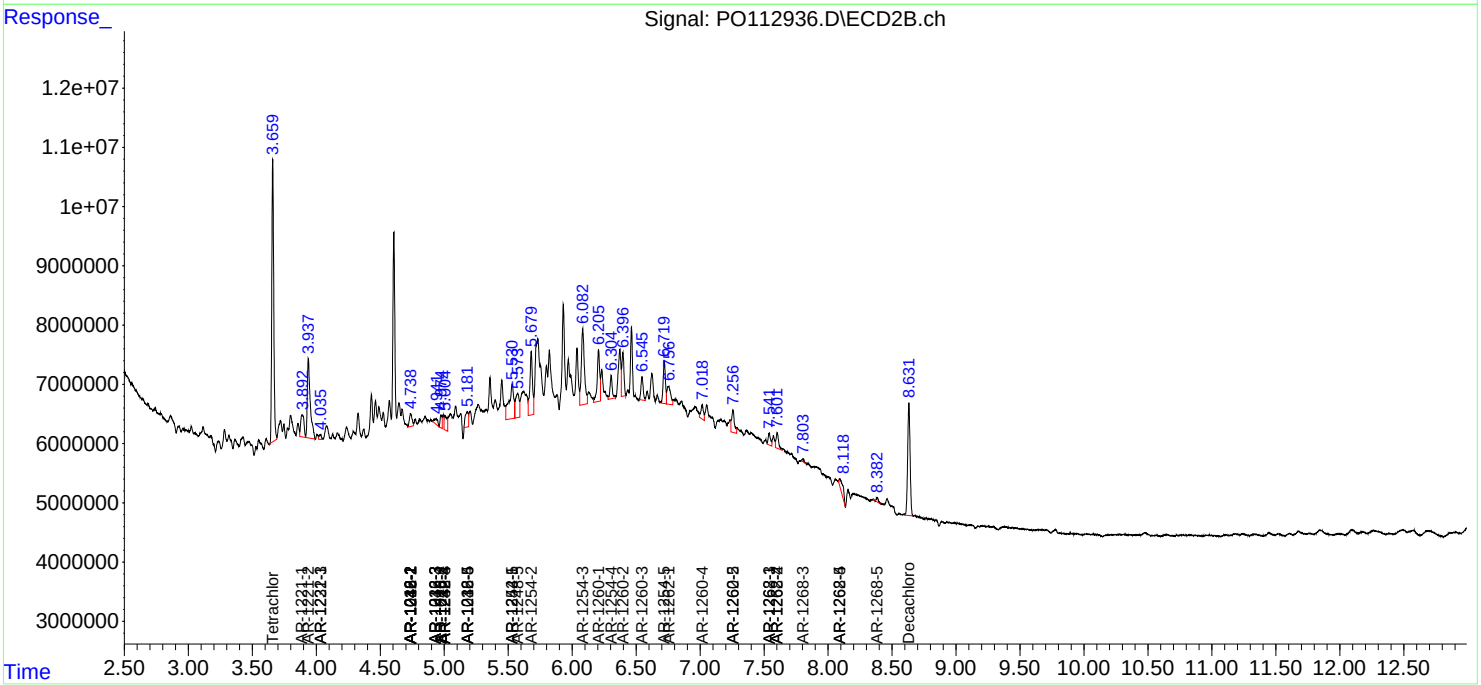
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:23
Operator : YP/AJ
Sample : Q2814-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

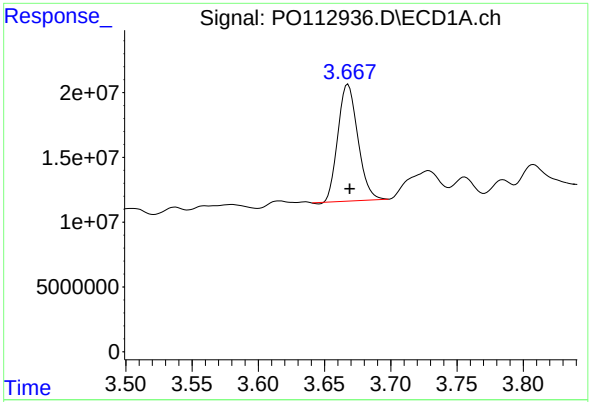
Instrument :
ECD_O
ClientSampleId :
TW-518R-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 10:47:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



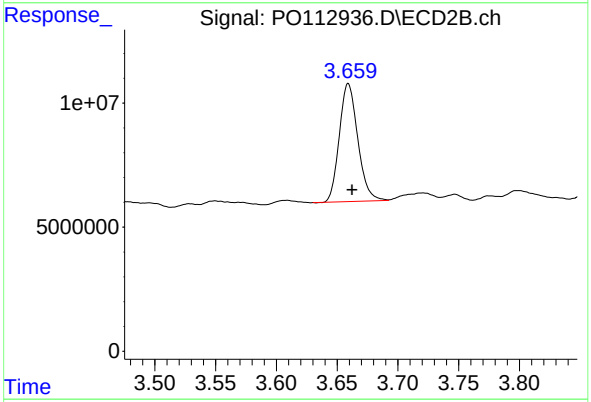




#1 Tetrachloro-m-xylene

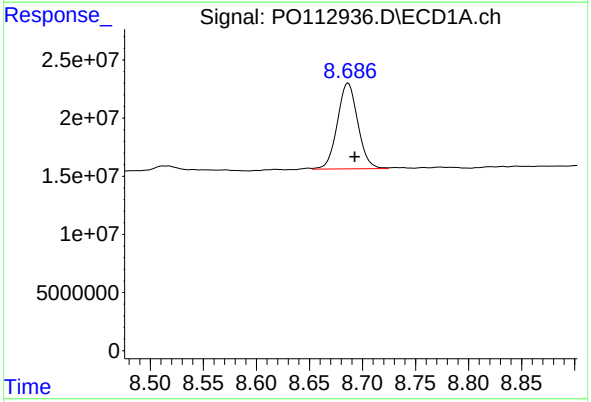
R.T.: 3.668 min
Delta R.T.: -0.001 min
Response: 94416774
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



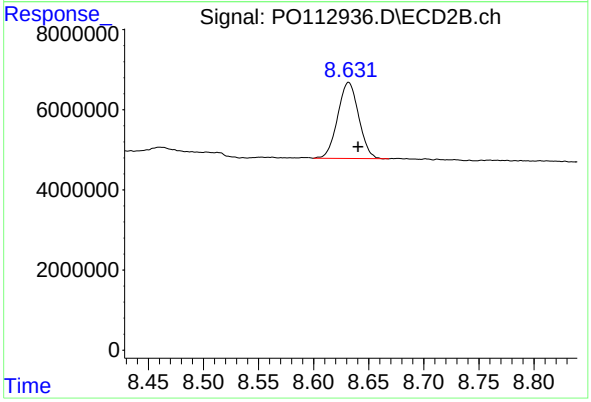
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 50378370
Conc: 10.14 ng/ml



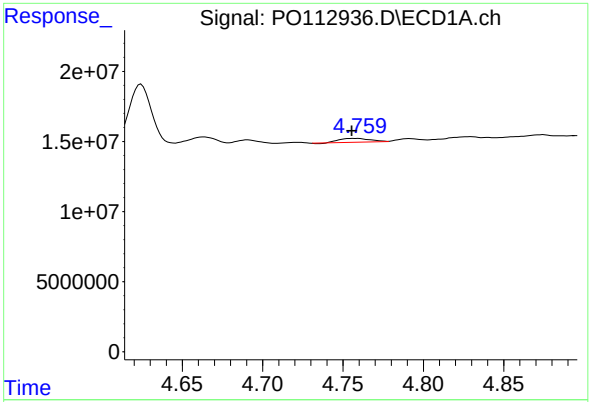
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 98475019
Conc: 13.47 ng/ml



#2 Decachlorobiphenyl

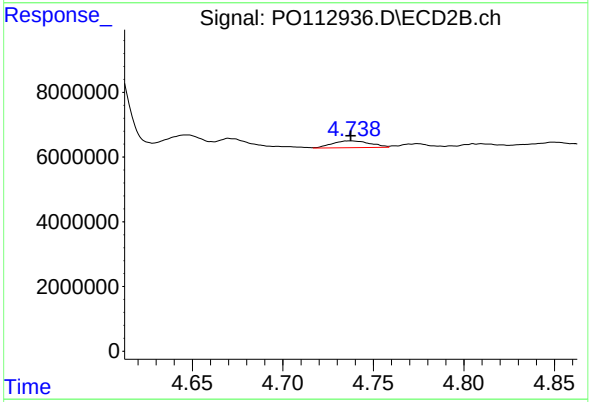
R.T.: 8.632 min
Delta R.T.: -0.009 min
Response: 25161002
Conc: 14.24 ng/ml



#3 AR-1016-1

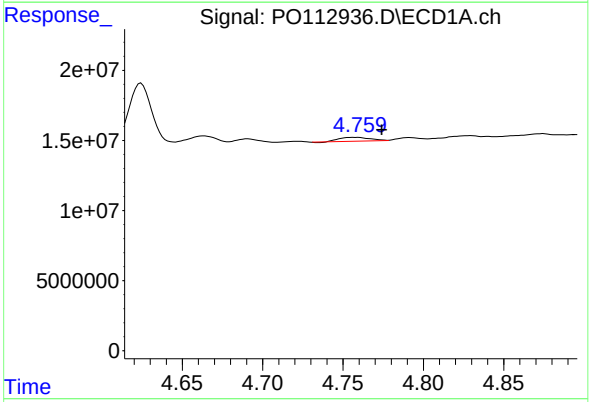
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 3646497
Conc: 13.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



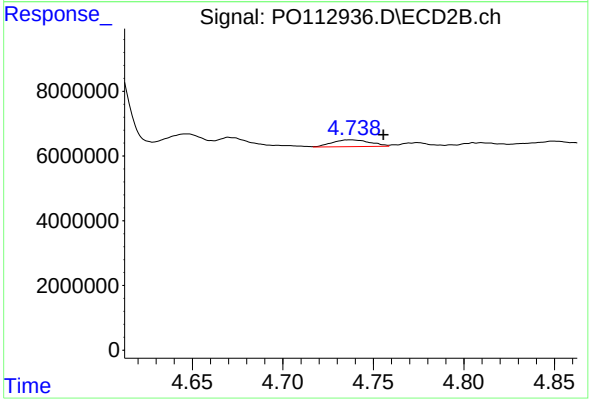
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 3099251
Conc: 17.71 ng/ml



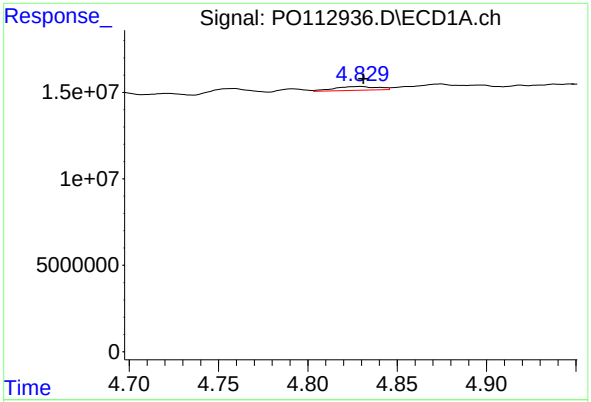
#4 AR-1016-2

R.T.: 4.759 min
Delta R.T.: -0.015 min
Response: 3646497
Conc: 8.98 ng/ml



#4 AR-1016-2

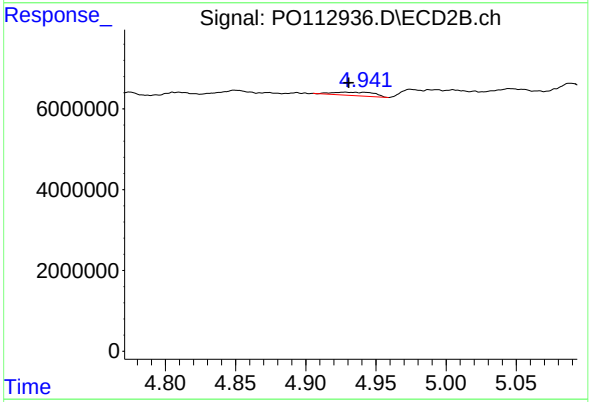
R.T.: 4.737 min
Delta R.T.: -0.018 min
Response: 3099251
Conc: 11.90 ng/ml



#5 AR-1016-3

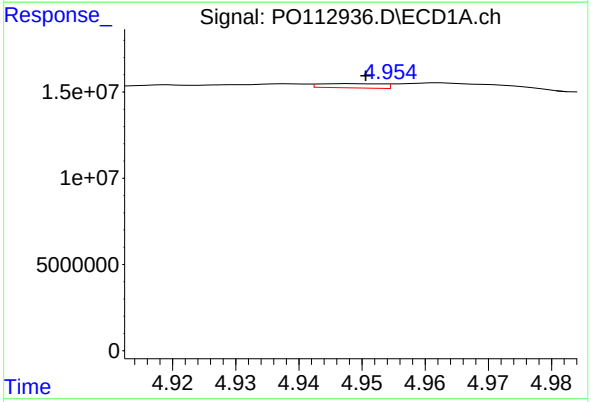
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 3732299
Conc: 14.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



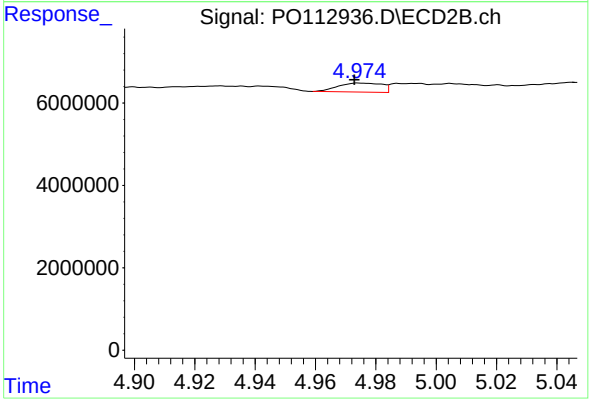
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 1735961
Conc: 12.77 ng/ml



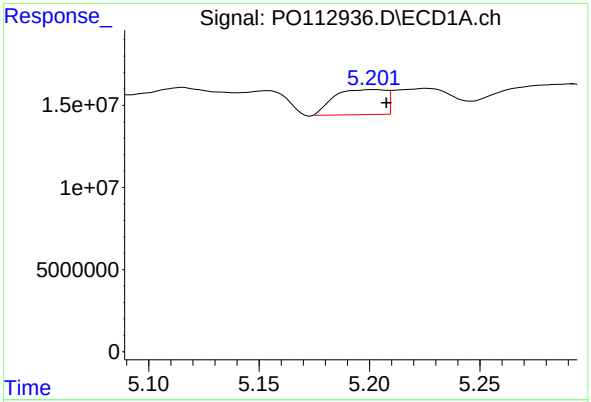
#6 AR-1016-4

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 1717531
Conc: 8.11 ng/ml



#6 AR-1016-4

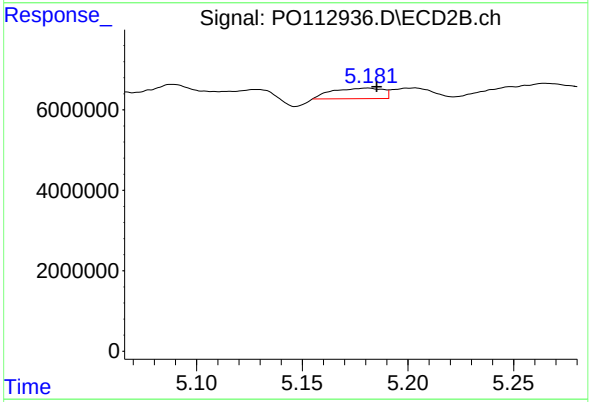
R.T.: 4.975 min
Delta R.T.: 0.002 min
Response: 2223217
Conc: 20.01 ng/ml



#7 AR-1016-5

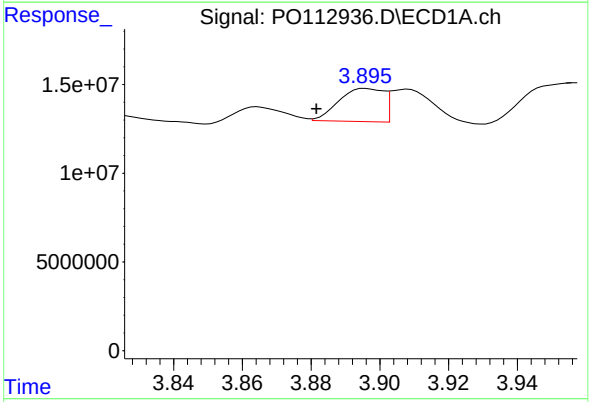
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 24678835
Conc: 112.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



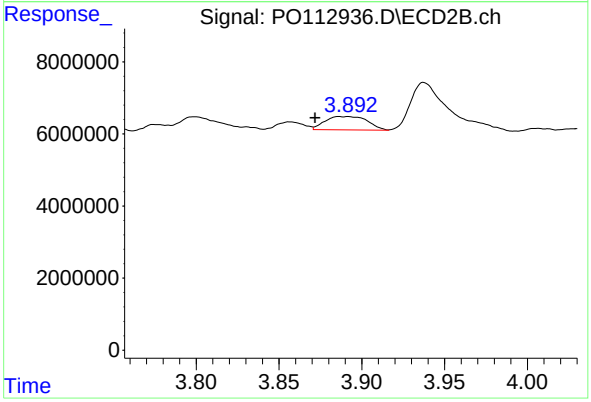
#7 AR-1016-5

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 4373678
Conc: 30.52 ng/ml



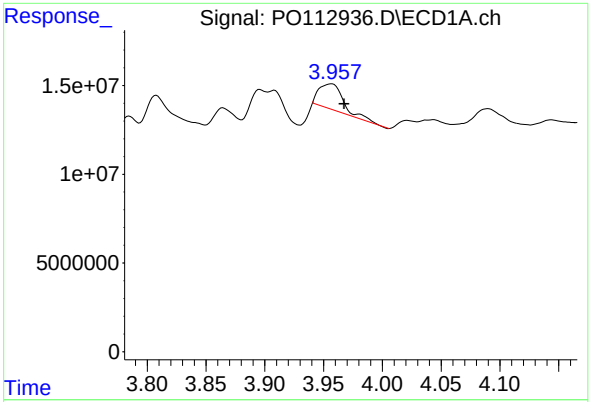
#8 AR-1221-1

R.T.: 3.896 min
Delta R.T.: 0.014 min
Response: 16820377
Conc: 174.02 ng/ml



#8 AR-1221-1

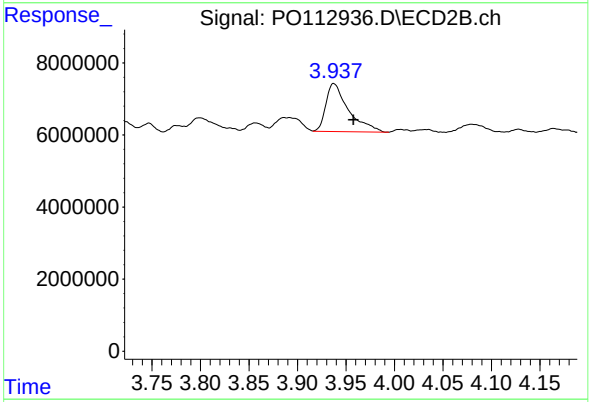
R.T.: 3.886 min
Delta R.T.: 0.015 min
Response: 6595382
Conc: 98.05 ng/ml



#9 AR-1221-2

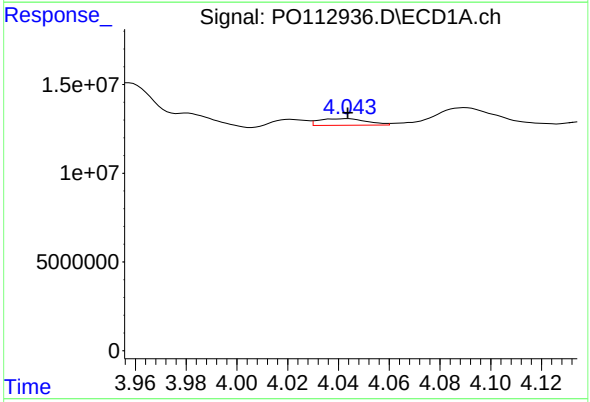
R.T.: 3.957 min
Delta R.T.: -0.011 min
Response: 20895117
Conc: 290.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



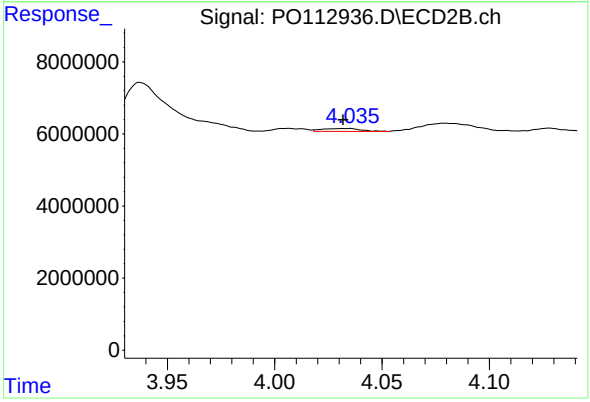
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: -0.020 min
Response: 21503805
Conc: 423.90 ng/ml



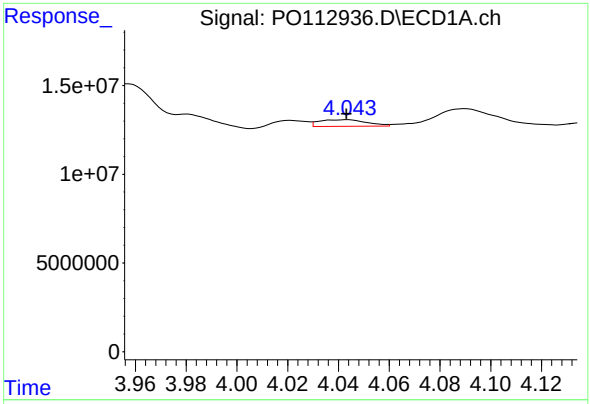
#10 AR-1221-3

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 4900120
Conc: 20.61 ng/ml



#10 AR-1221-3

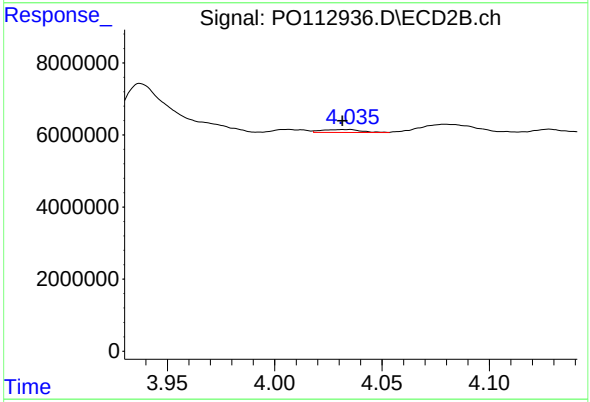
R.T.: 4.035 min
Delta R.T.: 0.003 min
Response: 1025720
Conc: 6.47 ng/ml



#11 AR-1232-1

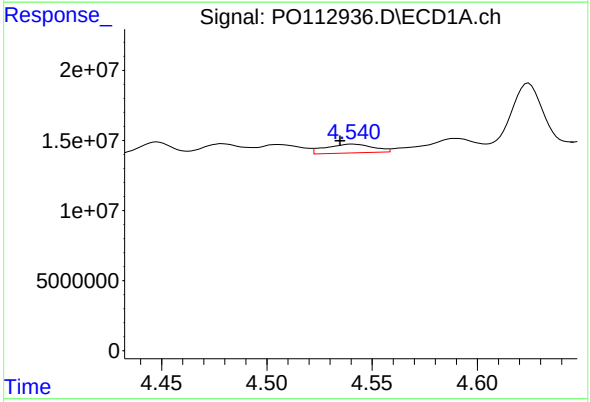
R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 4900120
Conc: 26.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



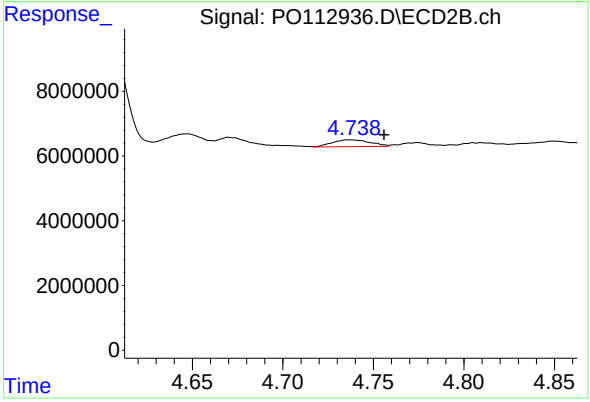
#11 AR-1232-1

R.T.: 4.035 min
Delta R.T.: 0.003 min
Response: 1025720
Conc: 8.11 ng/ml



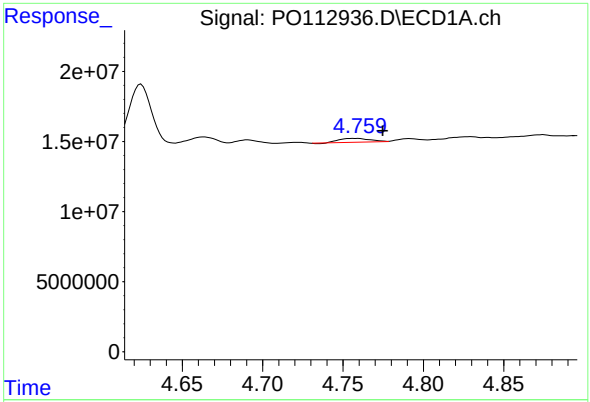
#12 AR-1232-2

R.T.: 4.541 min
Delta R.T.: 0.006 min
Response: 9934771
Conc: 92.31 ng/ml



#12 AR-1232-2

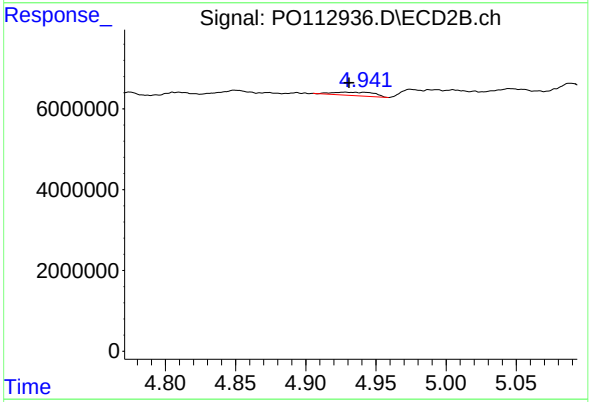
R.T.: 4.737 min
Delta R.T.: -0.019 min
Response: 3099251
Conc: 23.63 ng/ml



#13 AR-1232-3

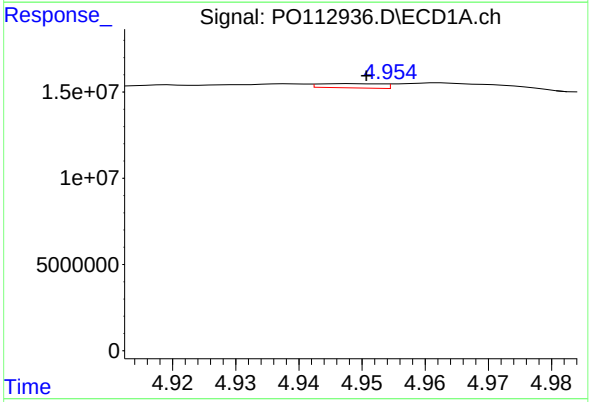
R.T.: 4.759 min
Delta R.T.: -0.016 min
Response: 3646497
Conc: 17.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



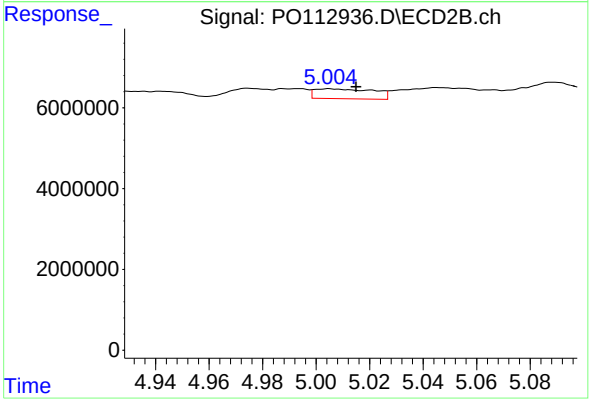
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 1735961
Conc: 25.83 ng/ml



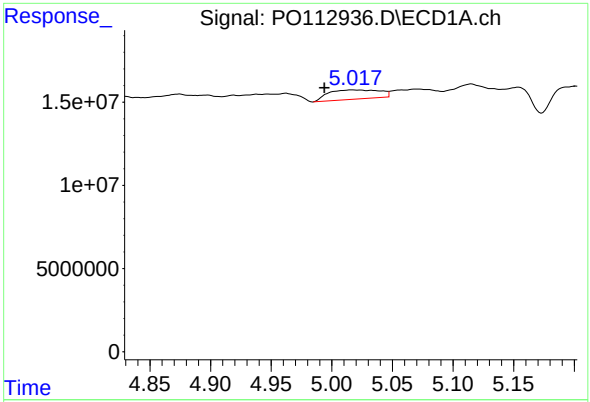
#14 AR-1232-4

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 1717531
Conc: 16.40 ng/ml



#14 AR-1232-4

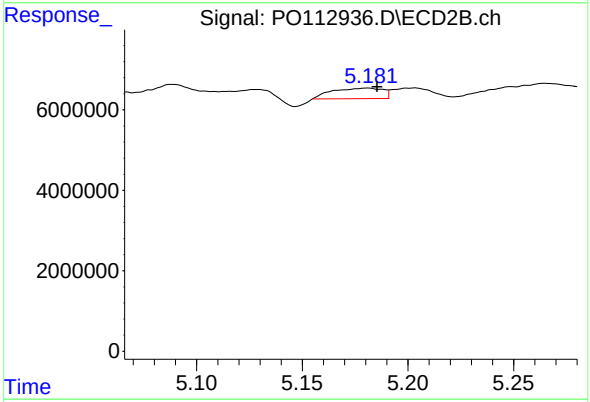
R.T.: 5.005 min
Delta R.T.: -0.010 min
Response: 3753162
Conc: 62.73 ng/ml



#15 AR-1232-5

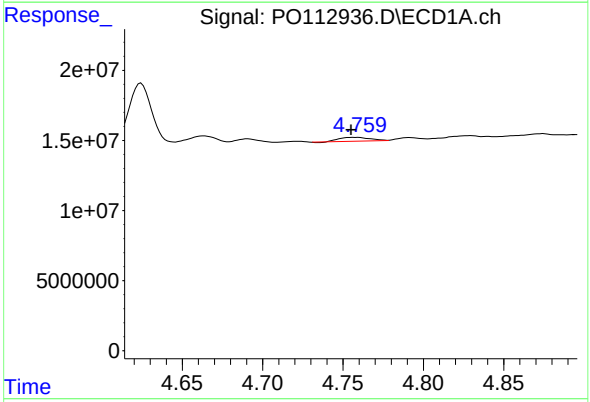
R.T.: 5.017 min
Delta R.T.: 0.023 min
Response: 16321691
Conc: 240.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



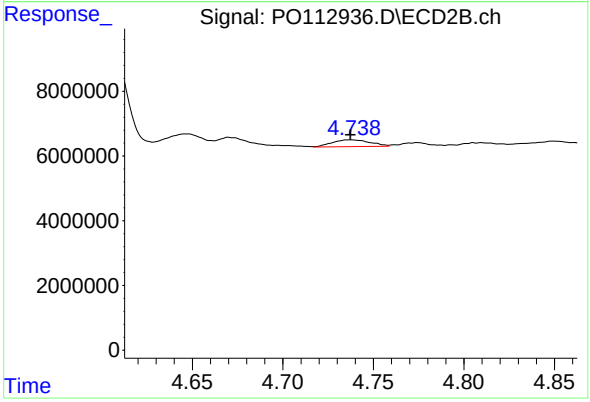
#15 AR-1232-5

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 4373678
Conc: 67.08 ng/ml



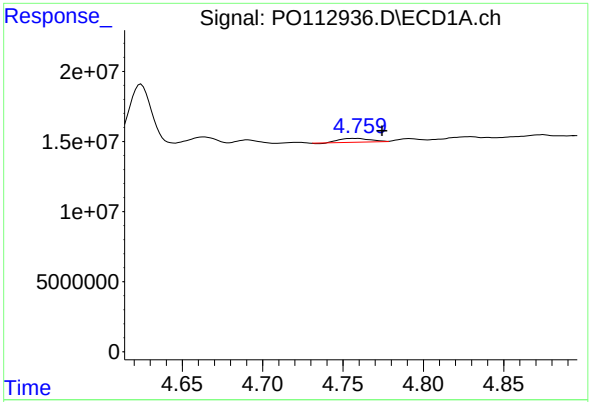
#16 AR-1242-1

R.T.: 4.759 min
Delta R.T.: 0.004 min
Response: 3646497
Conc: 14.73 ng/ml



#16 AR-1242-1

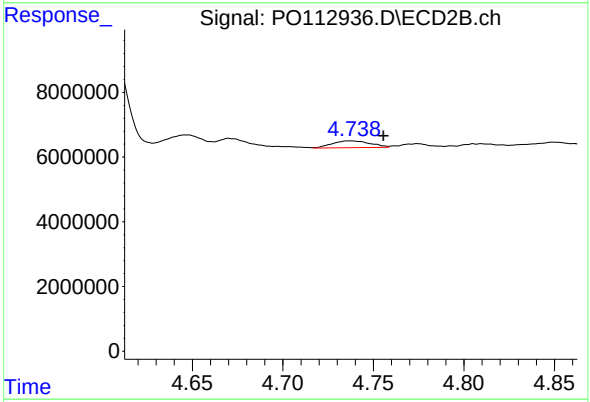
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 3099251
Conc: 19.57 ng/ml



#17 AR-1242-2

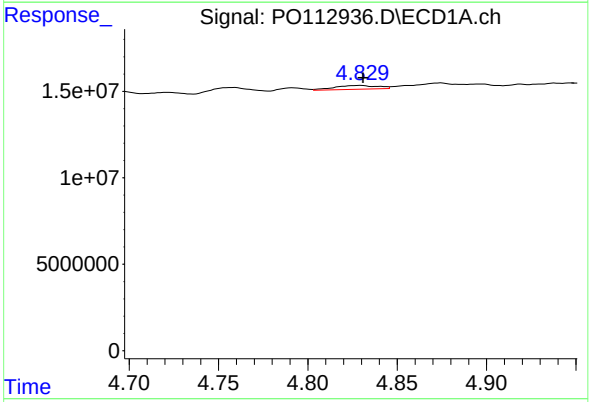
R.T.: 4.759 min
Delta R.T.: -0.016 min
Response: 3646497
Conc: 9.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



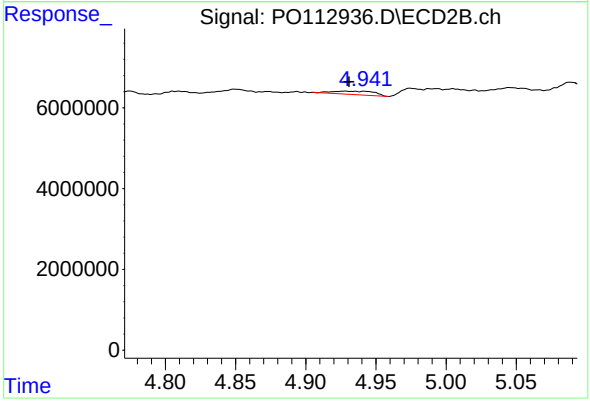
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.018 min
Response: 3099251
Conc: 13.26 ng/ml



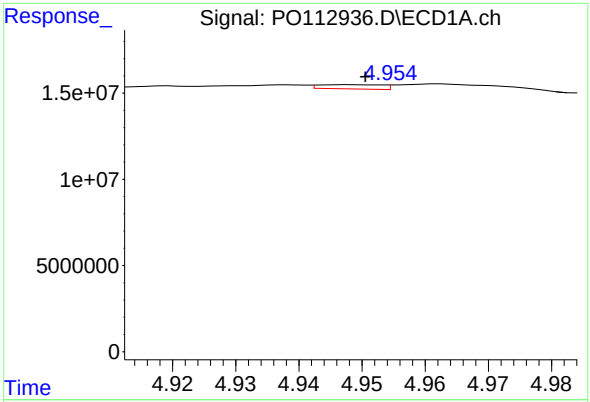
#18 AR-1242-3

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 3732299
Conc: 15.77 ng/ml



#18 AR-1242-3

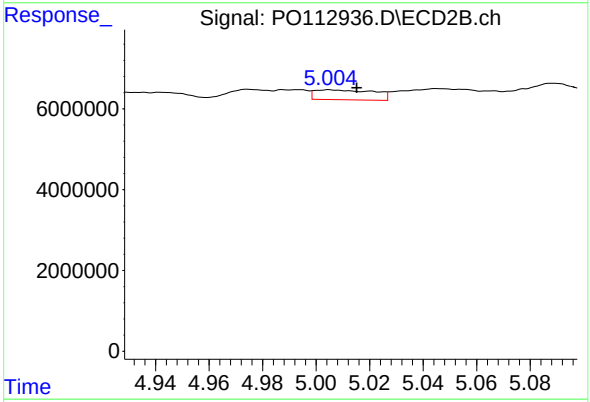
R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 1735961
Conc: 14.32 ng/ml



#19 AR-1242-4

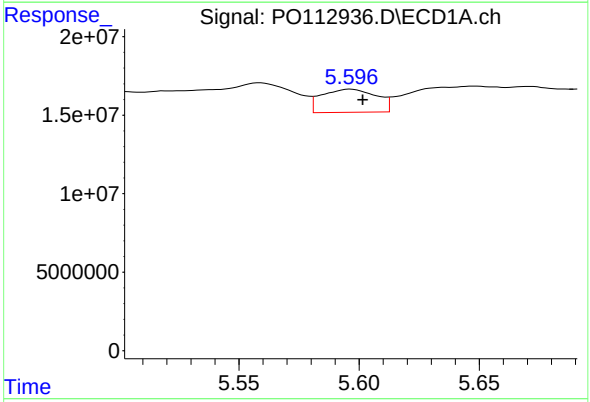
R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 1717531
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



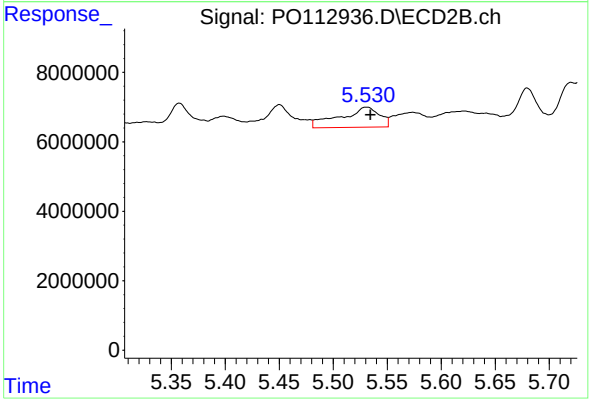
#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: -0.010 min
Response: 3753162
Conc: 30.58 ng/ml



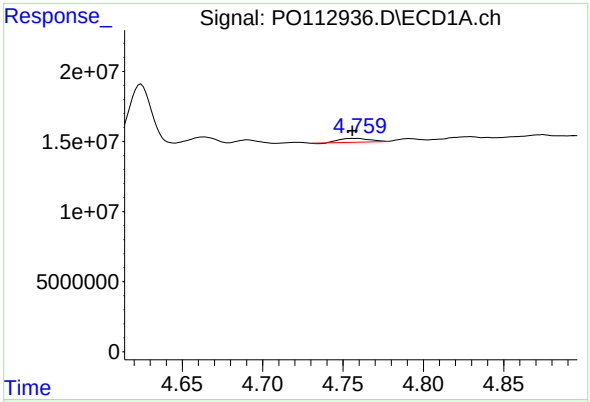
#20 AR-1242-5

R.T.: 5.597 min
Delta R.T.: -0.005 min
Response: 23325894
Conc: 109.04 ng/ml



#20 AR-1242-5

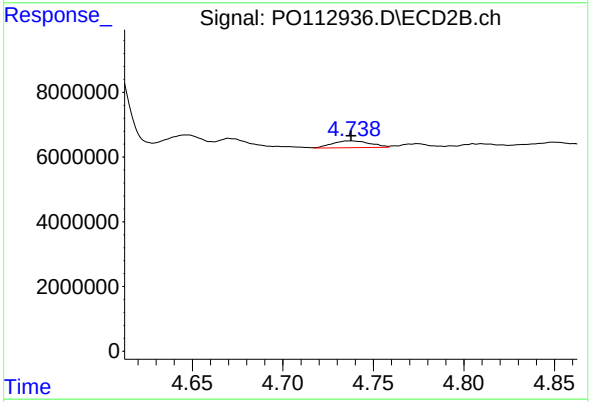
R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 14756371
Conc: 91.67 ng/ml



#21 AR-1248-1

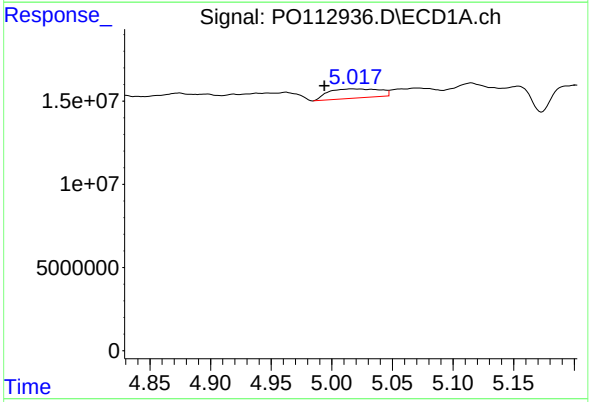
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 3646497
Conc: 19.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



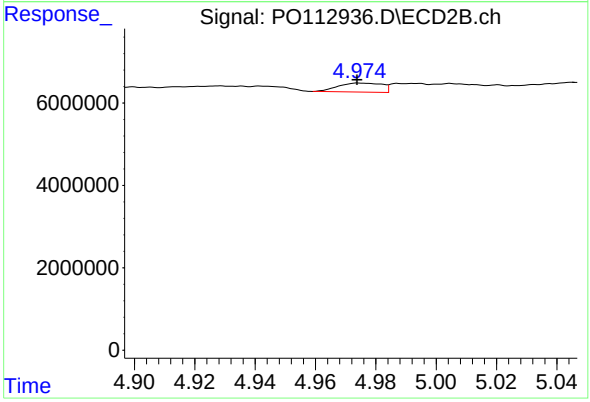
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 3099251
Conc: 25.51 ng/ml



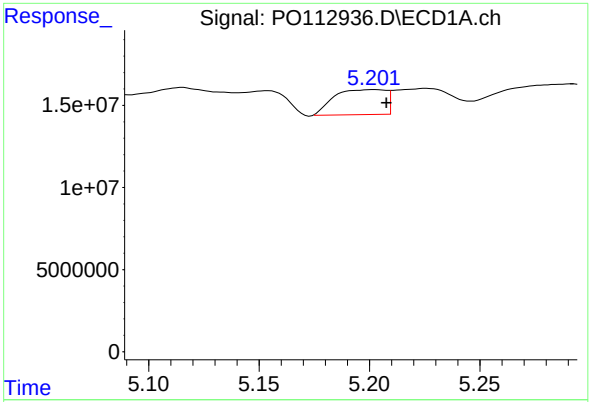
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.023 min
Response: 16321691
Conc: 63.98 ng/ml



#22 AR-1248-2

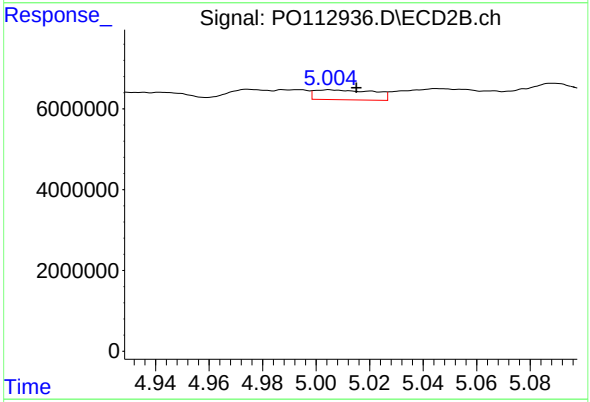
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 2223217
Conc: 13.13 ng/ml



#23 AR-1248-3

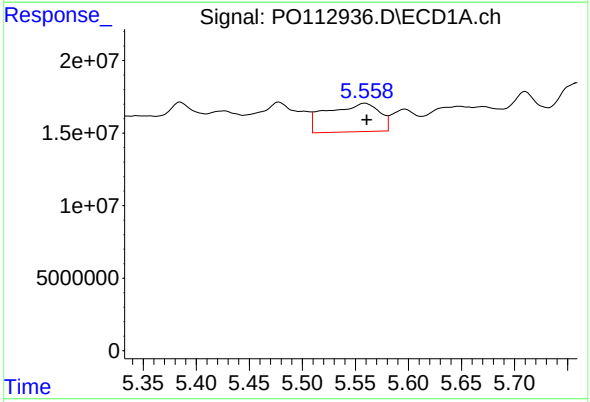
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 24678835
Conc: 71.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



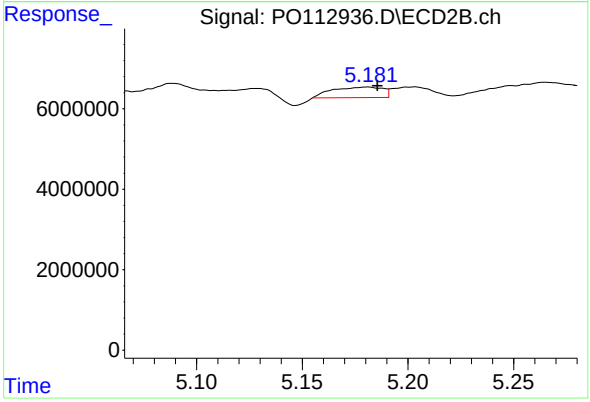
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: -0.010 min
Response: 3753162
Conc: 21.13 ng/ml



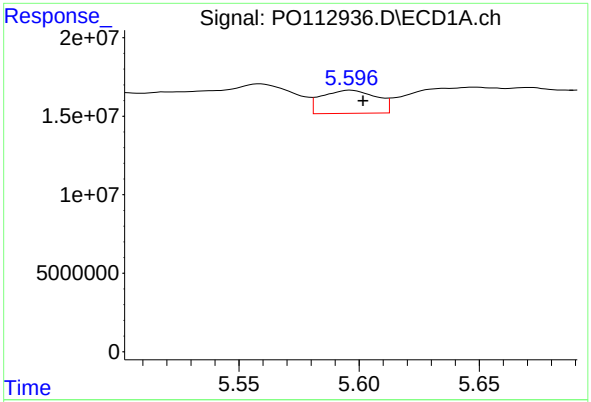
#24 AR-1248-4

R.T.: 5.559 min
Delta R.T.: -0.002 min
Response: 67045900
Conc: 131.96 ng/ml



#24 AR-1248-4

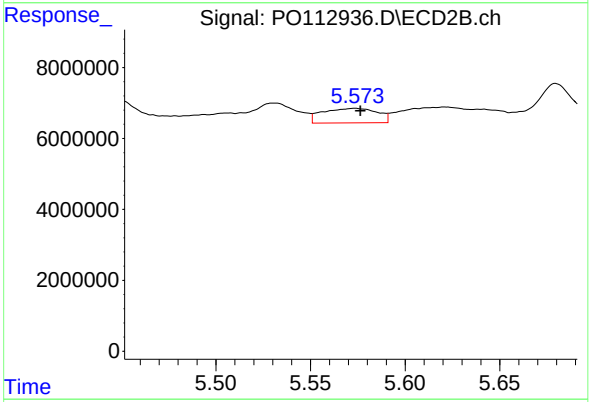
R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 4373678
Conc: 20.99 ng/ml



#25 AR-1248-5

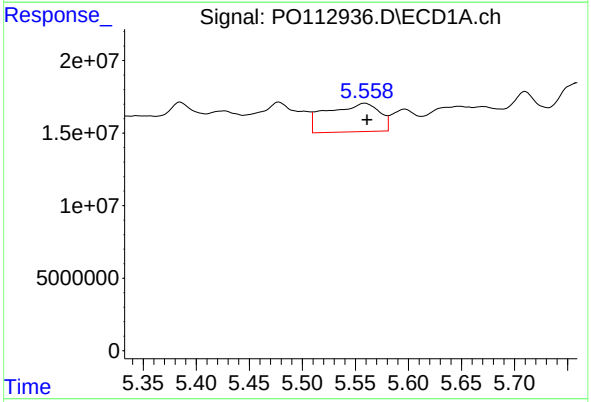
R.T.: 5.597 min
Delta R.T.: -0.005 min
Response: 23325894
Conc: 66.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



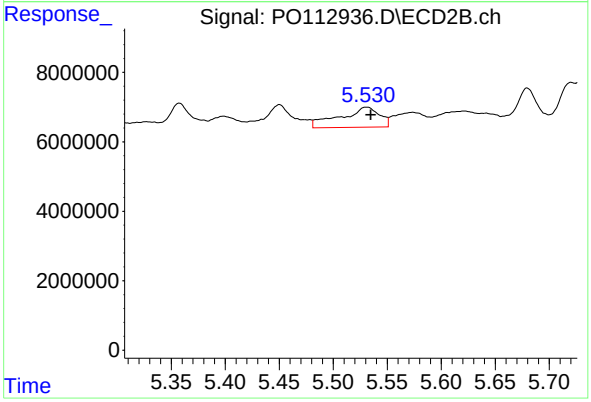
#25 AR-1248-5

R.T.: 5.573 min
Delta R.T.: -0.003 min
Response: 8280810
Conc: 38.56 ng/ml



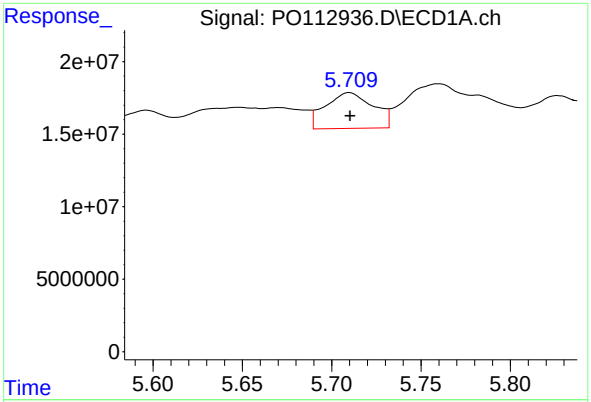
#26 AR-1254-1

R.T.: 5.559 min
Delta R.T.: -0.002 min
Response: 67045900
Conc: 122.13 ng/ml



#26 AR-1254-1

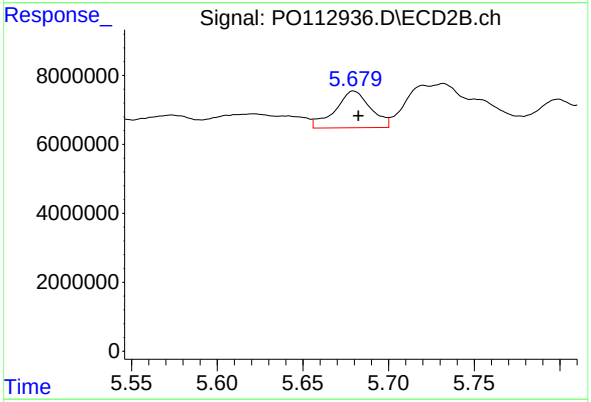
R.T.: 5.531 min
Delta R.T.: -0.004 min
Response: 14756371
Conc: 44.90 ng/ml



#27 AR-1254-2

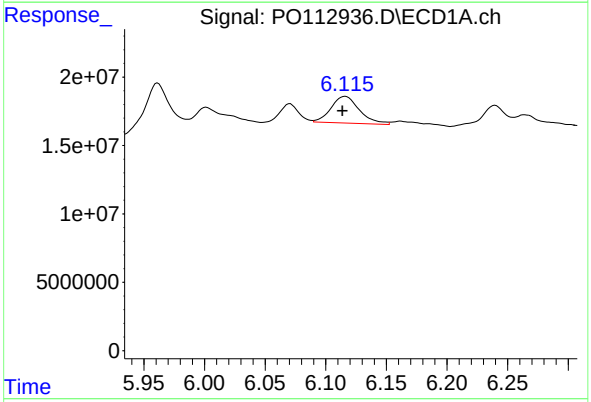
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 45940194
Conc: 94.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



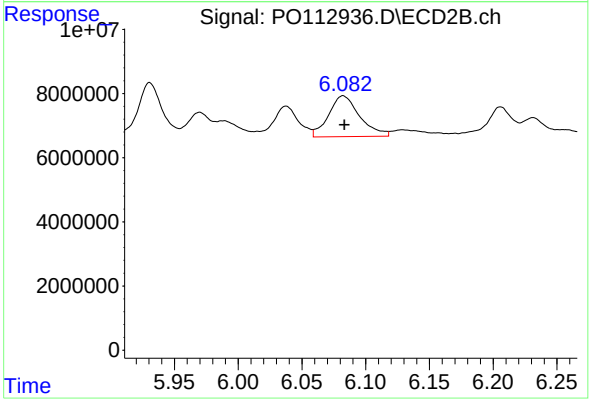
#27 AR-1254-2

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 15369693
Conc: 53.09 ng/ml



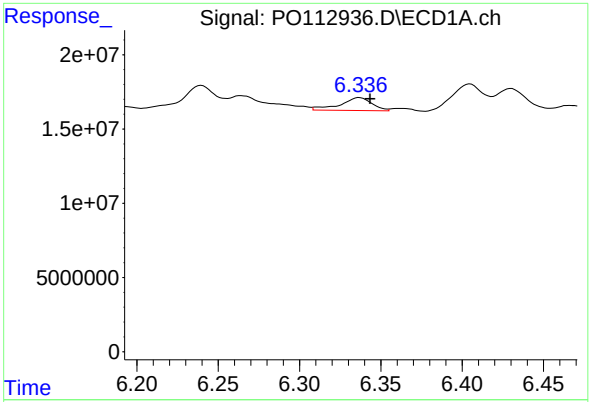
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 31791555
Conc: 42.71 ng/ml



#28 AR-1254-3

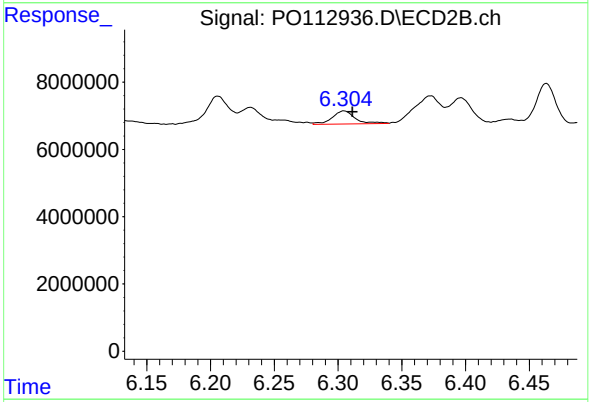
R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 21736644
Conc: 50.85 ng/ml



#29 AR-1254-4

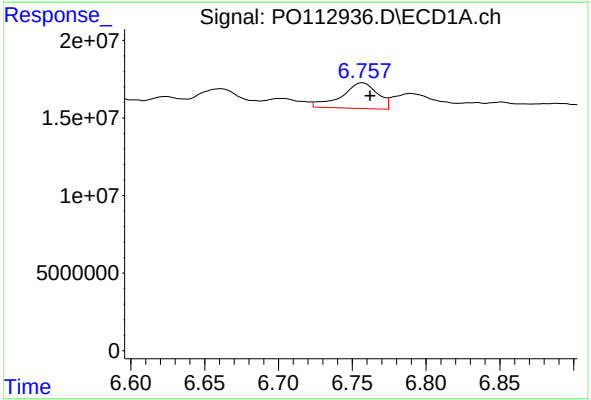
R.T.: 6.337 min
Delta R.T.: -0.006 min
Response: 11916425
Conc: 21.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



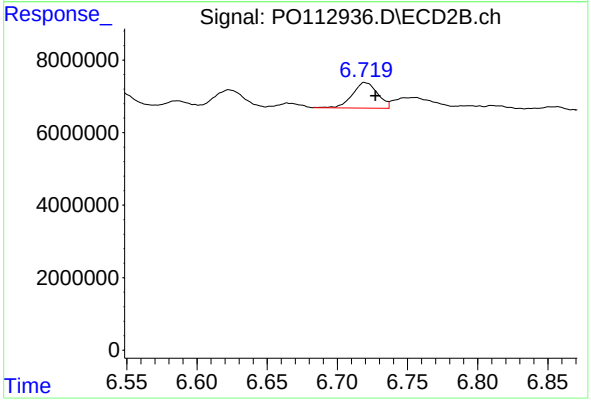
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.007 min
Response: 4862204
Conc: 17.81 ng/ml



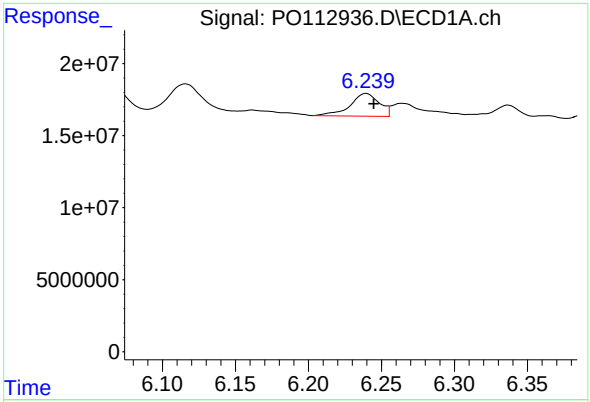
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 28126751
Conc: 39.74 ng/ml



#30 AR-1254-5

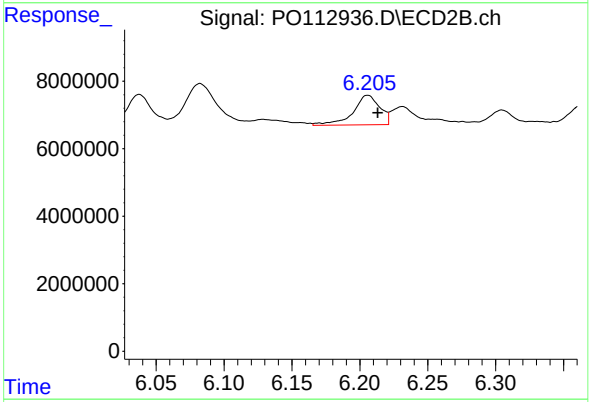
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 8798130
Conc: 26.34 ng/ml



#31 AR-1260-1

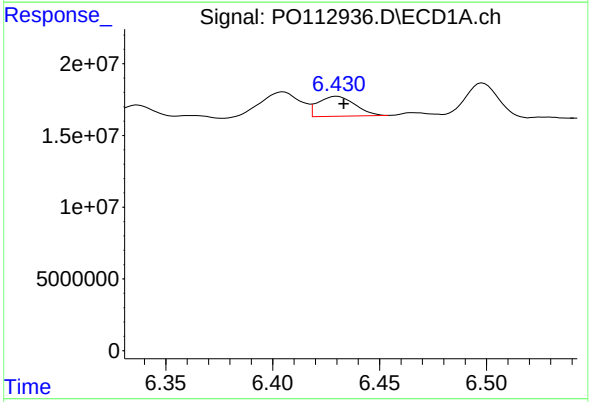
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 21904589
Conc: 49.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



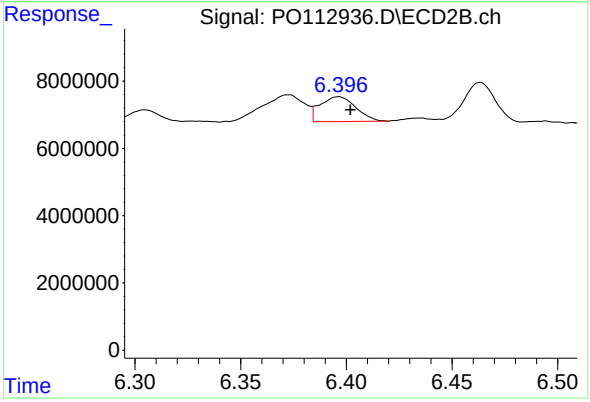
#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: -0.007 min
Response: 11949757
Conc: 48.09 ng/ml



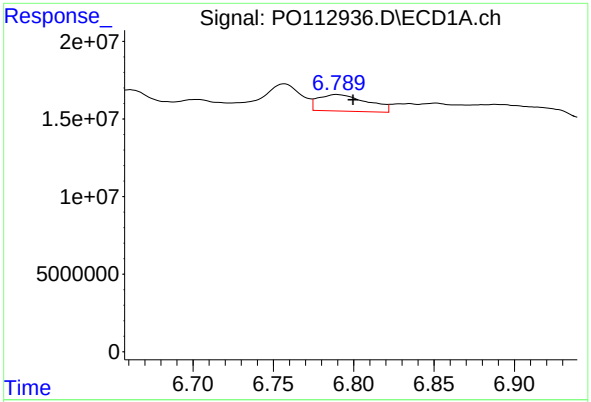
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 16709836
Conc: 24.29 ng/ml



#32 AR-1260-2

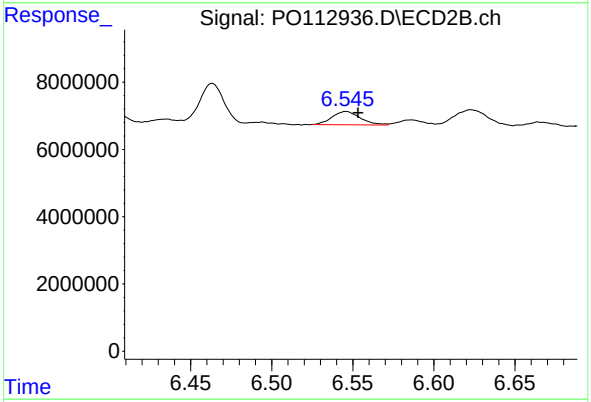
R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 8697242
Conc: 26.40 ng/ml



#33 AR-1260-3

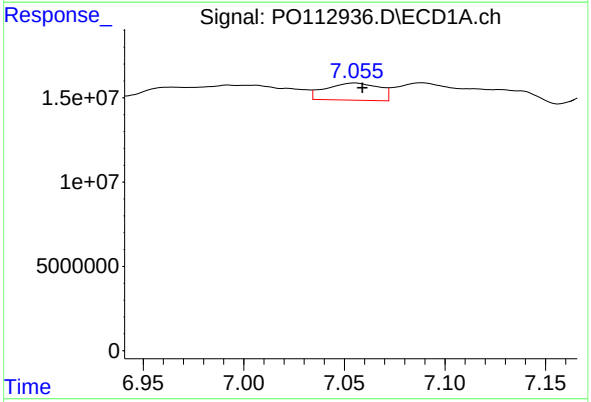
R.T.: 6.790 min
Delta R.T.: -0.010 min
Response: 22643343
Conc: 38.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



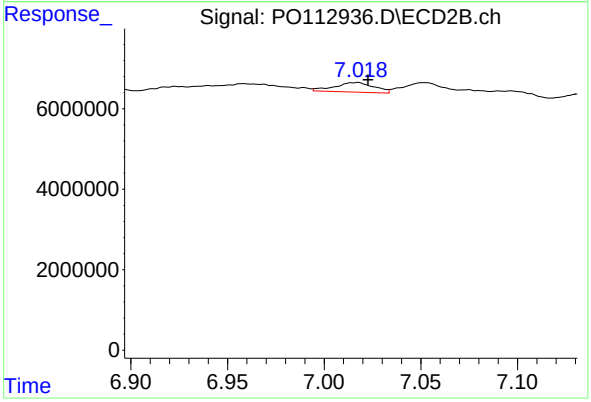
#33 AR-1260-3

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 4764296
Conc: 18.54 ng/ml



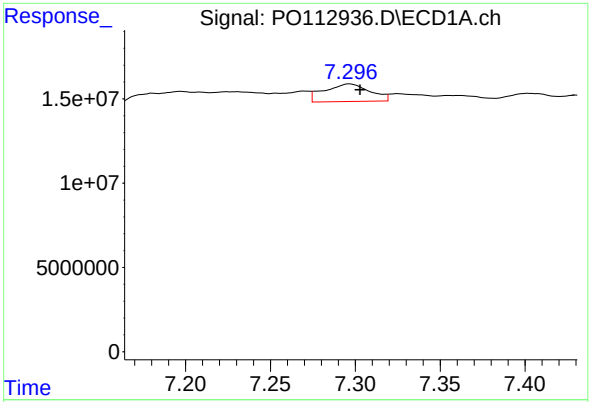
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 18711463
Conc: 41.49 ng/ml



#34 AR-1260-4

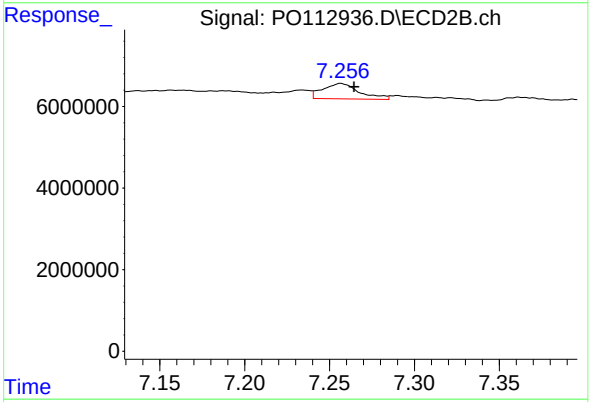
R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 3378219
Conc: 17.66 ng/ml



#35 AR-1260-5

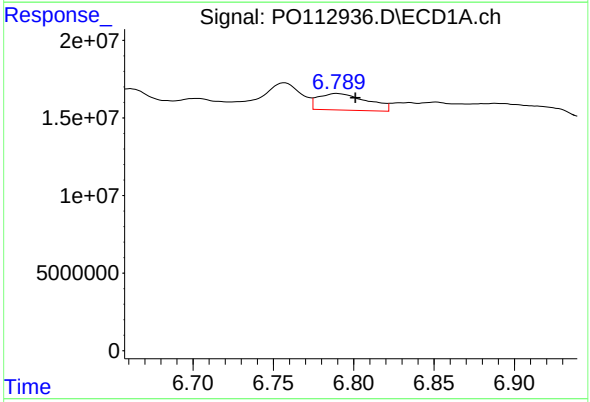
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 19461401
Conc: 15.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



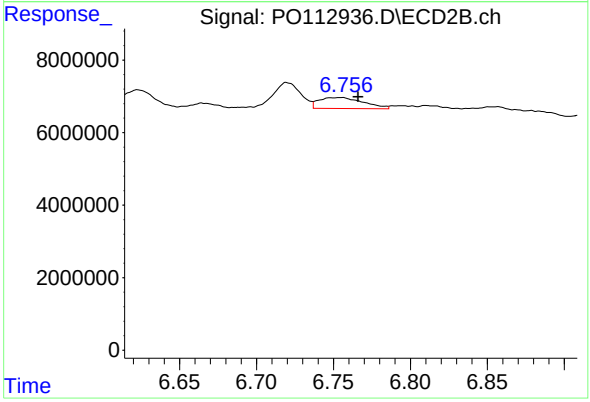
#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.008 min
Response: 5633013
Conc: 13.67 ng/ml



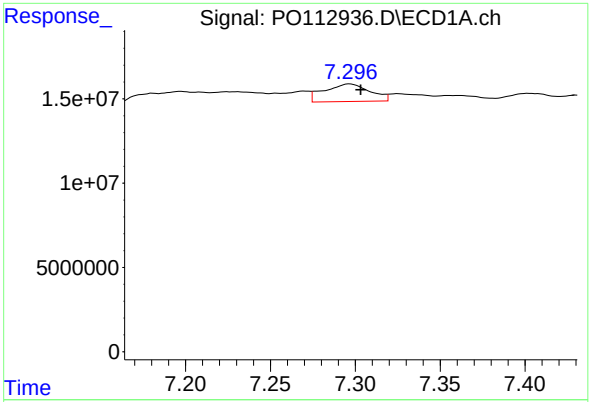
#36 AR-1262-1

R.T.: 6.790 min
Delta R.T.: -0.012 min
Response: 22643343
Conc: 24.37 ng/ml



#36 AR-1262-1

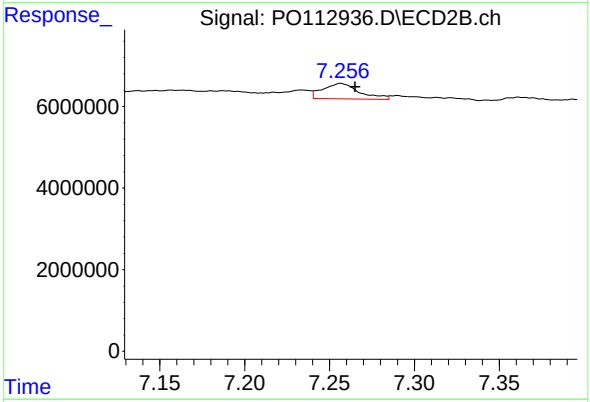
R.T.: 6.755 min
Delta R.T.: -0.011 min
Response: 6098102
Conc: 14.70 ng/ml



#37 AR-1262-2

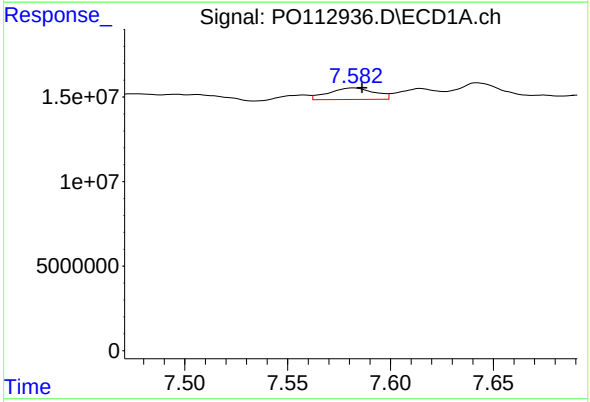
R.T.: 7.297 min
Delta R.T.: -0.007 min
Response: 19461401
Conc: 13.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



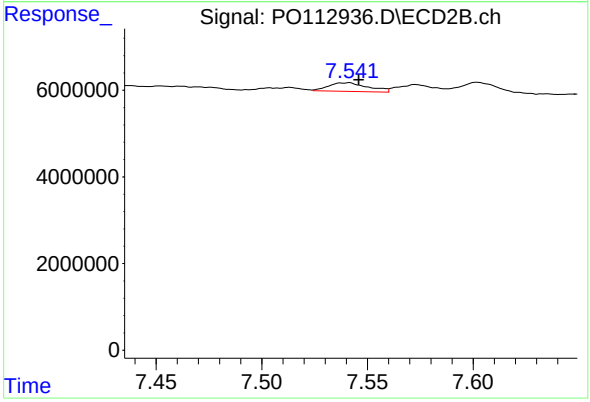
#37 AR-1262-2

R.T.: 7.257 min
Delta R.T.: -0.008 min
Response: 5633013
Conc: 10.93 ng/ml



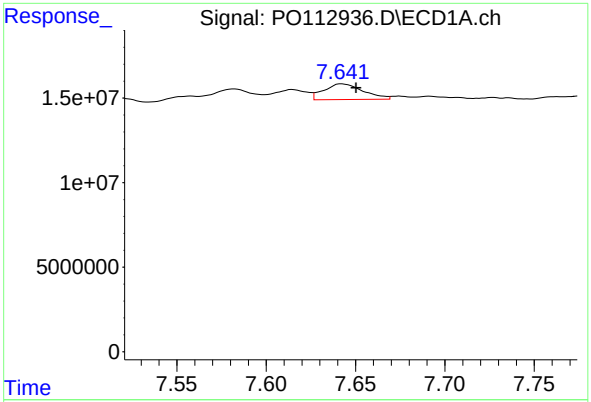
#38 AR-1262-3

R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 10507890
Conc: 17.80 ng/ml



#38 AR-1262-3

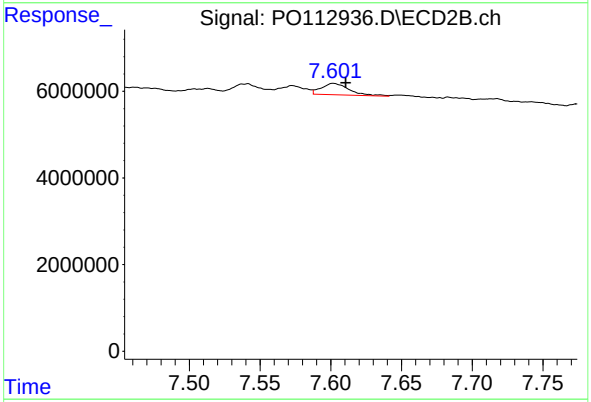
R.T.: 7.541 min
Delta R.T.: -0.005 min
Response: 2605632
Conc: 13.97 ng/ml



#39 AR-1262-4

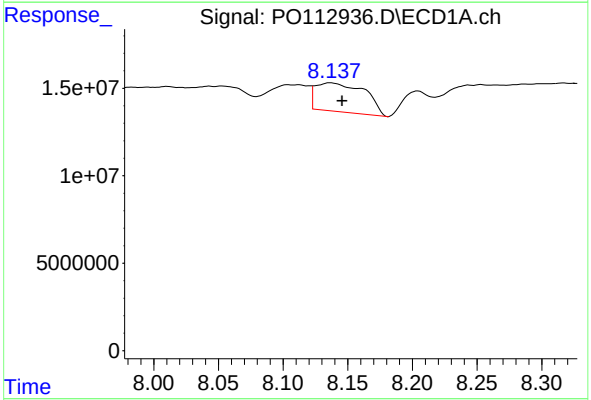
R.T.: 7.642 min
Delta R.T.: -0.008 min
Response: 14270730
Conc: 14.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



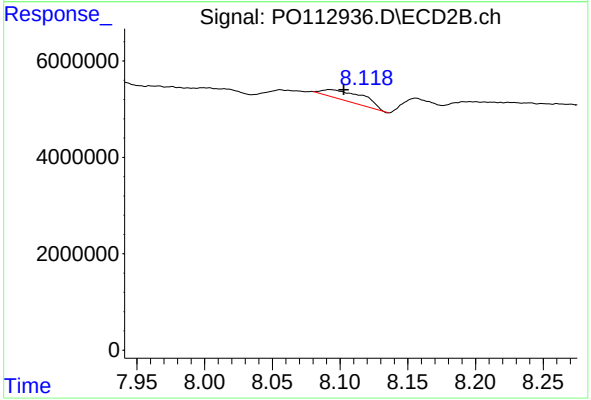
#39 AR-1262-4

R.T.: 7.602 min
Delta R.T.: -0.009 min
Response: 3668412
Conc: 12.73 ng/ml



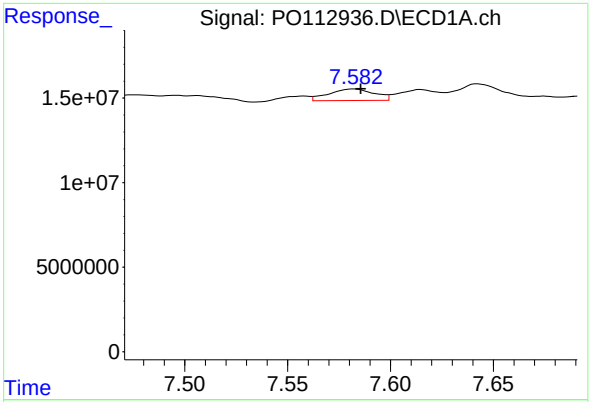
#40 AR-1262-5

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 43729081
Conc: 100.74 ng/ml



#40 AR-1262-5

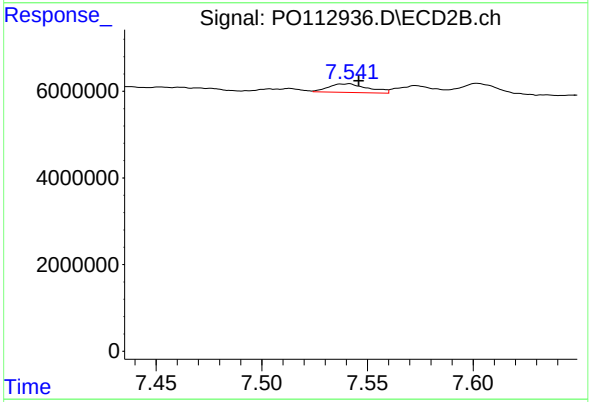
R.T.: 8.093 min
Delta R.T.: -0.010 min
Response: 4306848
Conc: 43.28 ng/ml



#41 AR-1268-1

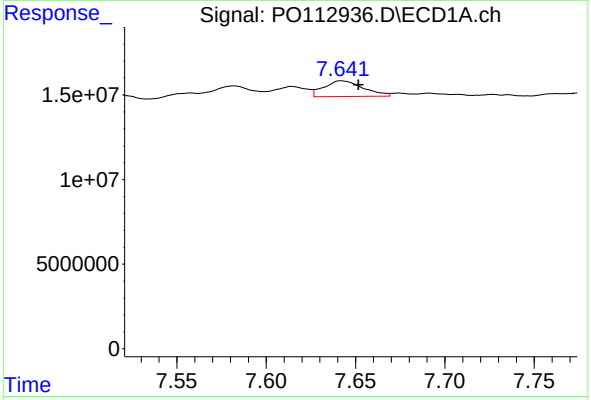
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 10507890
Conc: 6.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



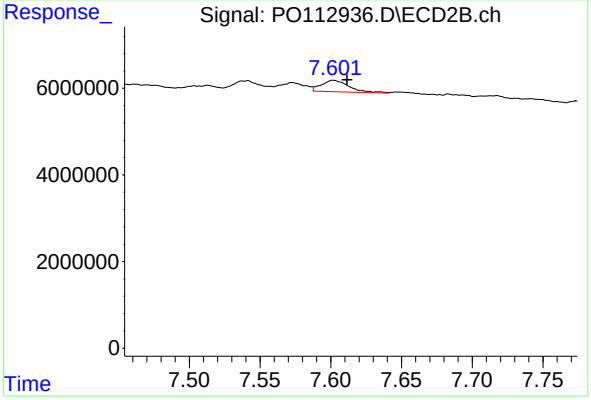
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.005 min
Response: 2605632
Conc: 5.03 ng/ml



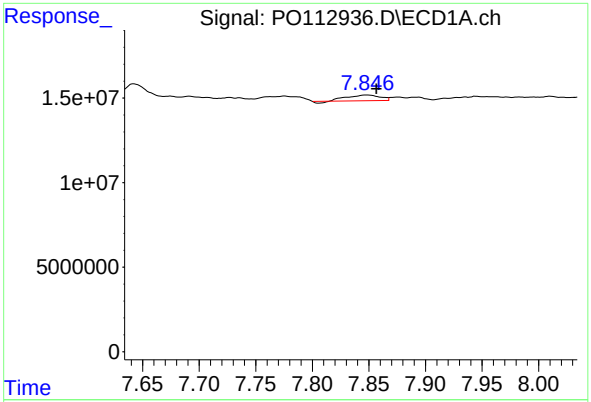
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: -0.009 min
Response: 14270730
Conc: 9.69 ng/ml



#42 AR-1268-2

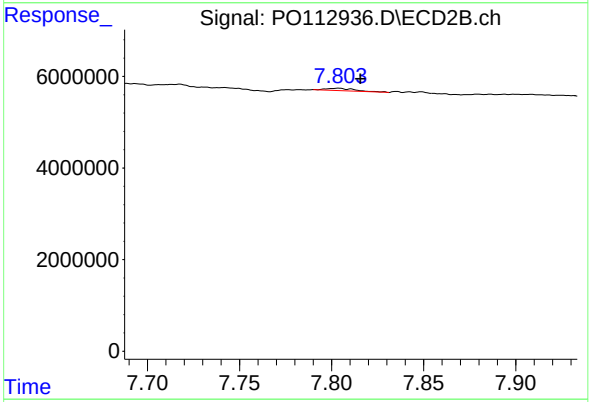
R.T.: 7.602 min
Delta R.T.: -0.010 min
Response: 3668412
Conc: 8.63 ng/ml



#43 AR-1268-3

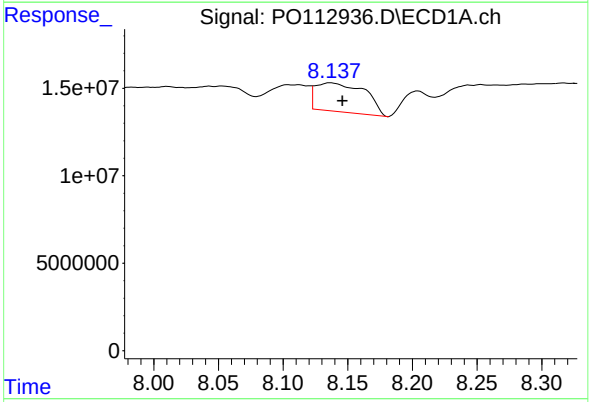
R.T.: 7.848 min
Delta R.T.: -0.009 min
Response: 6313273
Conc: 5.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



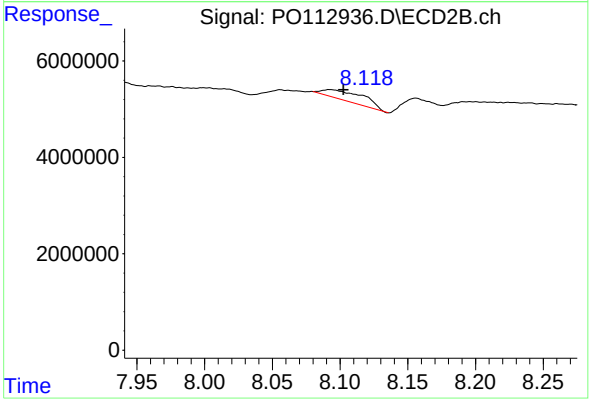
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.012 min
Response: 540483
Conc: 1.68 ng/ml



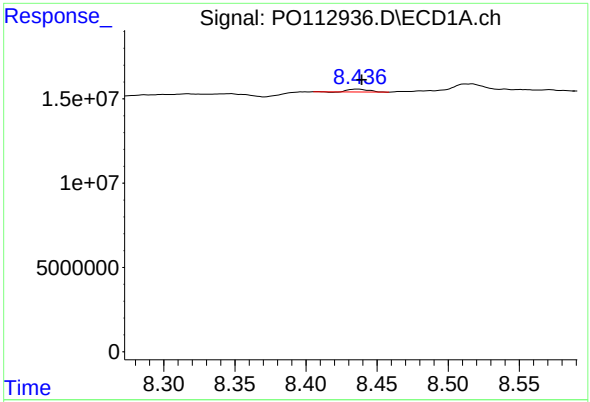
#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 43729081
Conc: 90.75 ng/ml



#44 AR-1268-4

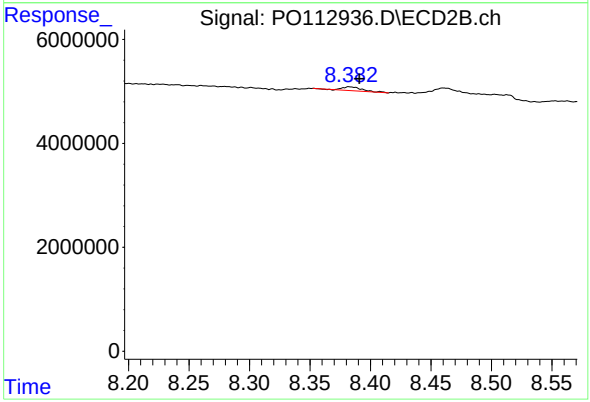
R.T.: 8.093 min
Delta R.T.: -0.010 min
Response: 4306848
Conc: 38.70 ng/ml



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.003 min
Response: 1637180
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-518R-S



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 867150
Conc: 1.19 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:27
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: Aug 14 16:52:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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...	3.665	3.659	418.9E6	247.8E6	51.517	49.866	
2)	SA Decachlor...	8.685	8.633	288.1E6	82708522	39.399	46.804	
	Target Compounds							
3)	L1 AR-1016-1	4.749	4.733	132.2E6	82053133	492.515	468.856	
4)	L1 AR-1016-2	4.768	4.751	199.7E6	122.6E6	491.757	470.600	
5)	L1 AR-1016-3	4.825	4.926	124.9E6	62457345	477.382	459.358	
6)	L1 AR-1016-4	4.944	4.968	102.7E6	51421251	484.611	462.901	
7)	L1 AR-1016-5	5.201	5.180	109.0E6	66849612	496.739	466.491	
8)	L2 AR-1221-1	3.876	3.867	11570056	8507354	119.699	126.474	
9)	L2 AR-1221-2	3.963	3.954	18509320	12578107	257.568	247.952	
10)	L2 AR-1221-3	4.037	4.027	68538687	45589394	288.328	287.577	
11)	L3 AR-1232-1	4.037	4.027	68538687	45589394	366.559	360.248	
12)	L3 AR-1232-2	4.528	4.751	102.4E6	122.6E6	951.277	934.690	
13)	L3 AR-1232-3	4.768	4.926	199.7E6	62457345	965.725	929.469	
14)	L3 AR-1232-4	4.944	5.010	102.7E6	61999748	980.145	1036.281	
15)	L3 AR-1232-5	4.987	5.180	79657170	66849612	1173.485	1025.253	
16)	L4 AR-1242-1	4.749	4.733	132.2E6	82053133	533.839	518.032	
17)	L4 AR-1242-2	4.768	4.751	199.7E6	122.6E6	540.061	524.633	
18)	L4 AR-1242-3	4.825	4.926	124.9E6	62457345	527.844	515.371	
19)	L4 AR-1242-4	4.944	5.010	102.7E6	61999748	528.420	505.133	
20)	L4 AR-1242-5	5.595	5.529	27113503	66937900	126.749	415.838	#
21)	L5 AR-1248-1	4.749	4.733	132.2E6	82053133	706.026	675.283	
22)	L5 AR-1248-2	4.987	4.968	79657170	51421251	312.244	303.765	
23)	L5 AR-1248-3	5.201	5.010	109.0E6	61999748	317.193	349.005	
24)	L5 AR-1248-4	5.554	5.180	107.8E6	66849612	212.178	320.845	#
25)	L5 AR-1248-5	5.595	5.570	27113503	18423434	77.558	85.784	
26)	L6 AR-1254-1	5.554	5.529	107.8E6	66937900	196.377	203.693	
27)	L6 AR-1254-2	5.703	5.677	85399081	49025117	175.748	169.350	
28)	L6 AR-1254-3	6.122	6.093	160.4E6	87866910	215.475	205.555	
29)	L6 AR-1254-4	6.336	6.305	21956669	11125806	39.943	40.759	
30)	L6 AR-1254-5	6.753	6.720	265.1E6	128.9E6	374.491	385.965	
31)	L7 AR-1260-1	6.237	6.207	198.2E6	109.0E6	451.204	438.416	
32)	L7 AR-1260-2	6.427	6.396	301.0E6	146.0E6	437.548	443.182	
33)	L7 AR-1260-3	6.793	6.547	260.6E6	113.4E6	443.170	441.235	
34)	L7 AR-1260-4	7.052	7.016	185.2E6	86197701	410.663	450.564	
35)	L7 AR-1260-5	7.295	7.258	504.0E6	194.4E6	406.727	471.603	
36)	L8 AR-1262-1	6.793	6.759	260.6E6	123.8E6	280.446	298.363	
37)	L8 AR-1262-2	7.295	7.258	504.0E6	194.4E6	338.928	377.060	
38)	L8 AR-1262-3	7.579	7.539	103.5E6	38758131	175.339	207.790	
39)	L8 AR-1262-4	7.641	7.603	310.3E6	104.3E6	312.149	361.928	
40)	L8 AR-1262-5	8.139	8.096	112.6E6	25925851	259.449	260.552	
41)	L9 AR-1268-1	7.579	7.539	103.5E6	38758131	59.101	74.843	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:27
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: Aug 14 16:52:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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	7.641	7.603	310.3E6	104.3E6	210.674	245.311
43) L9	AR-1268-3	7.848	7.808	4630940	796336	3.698	2.479 #
44) L9	AR-1268-4	8.139	8.096	112.6E6	25925851	233.710	232.946
45) L9	AR-1268-5	8.431	8.383	24330143	7624137	7.247	10.419 #

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

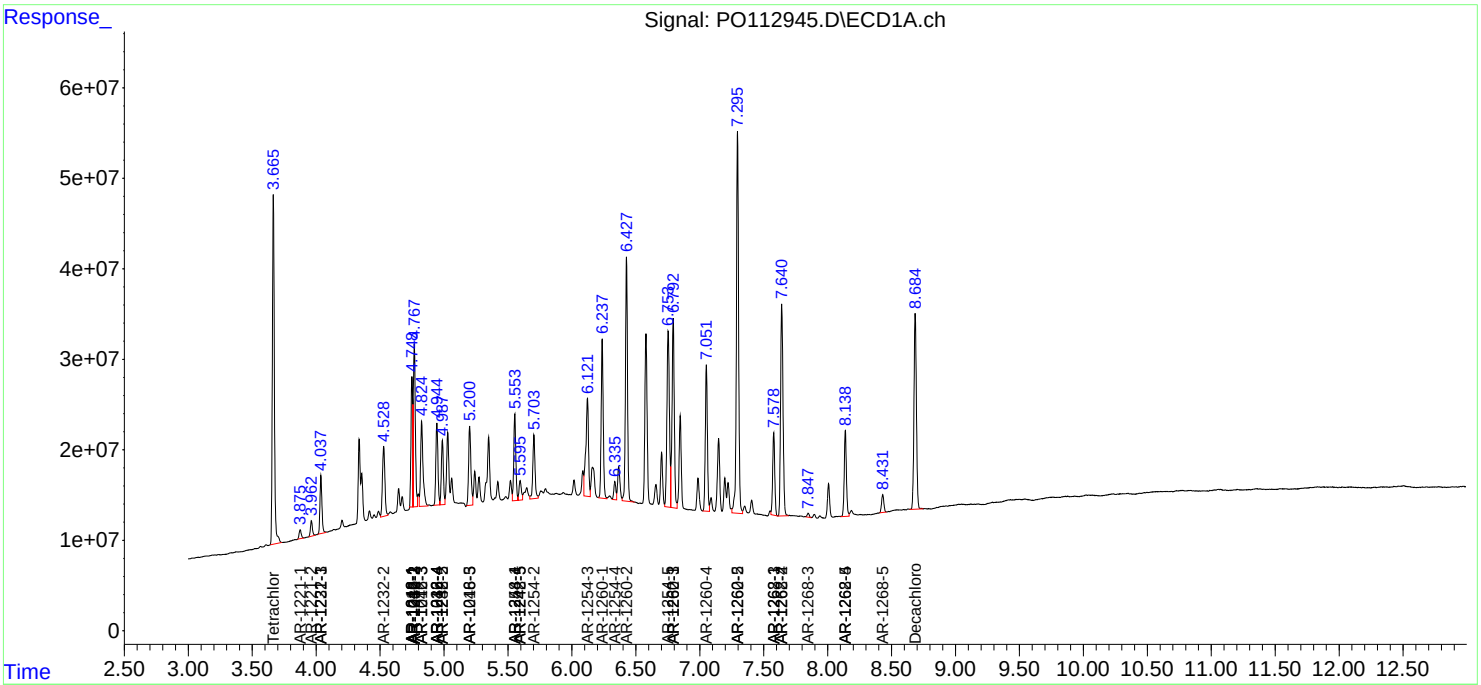
Quantitation Report (Not Reviewed)

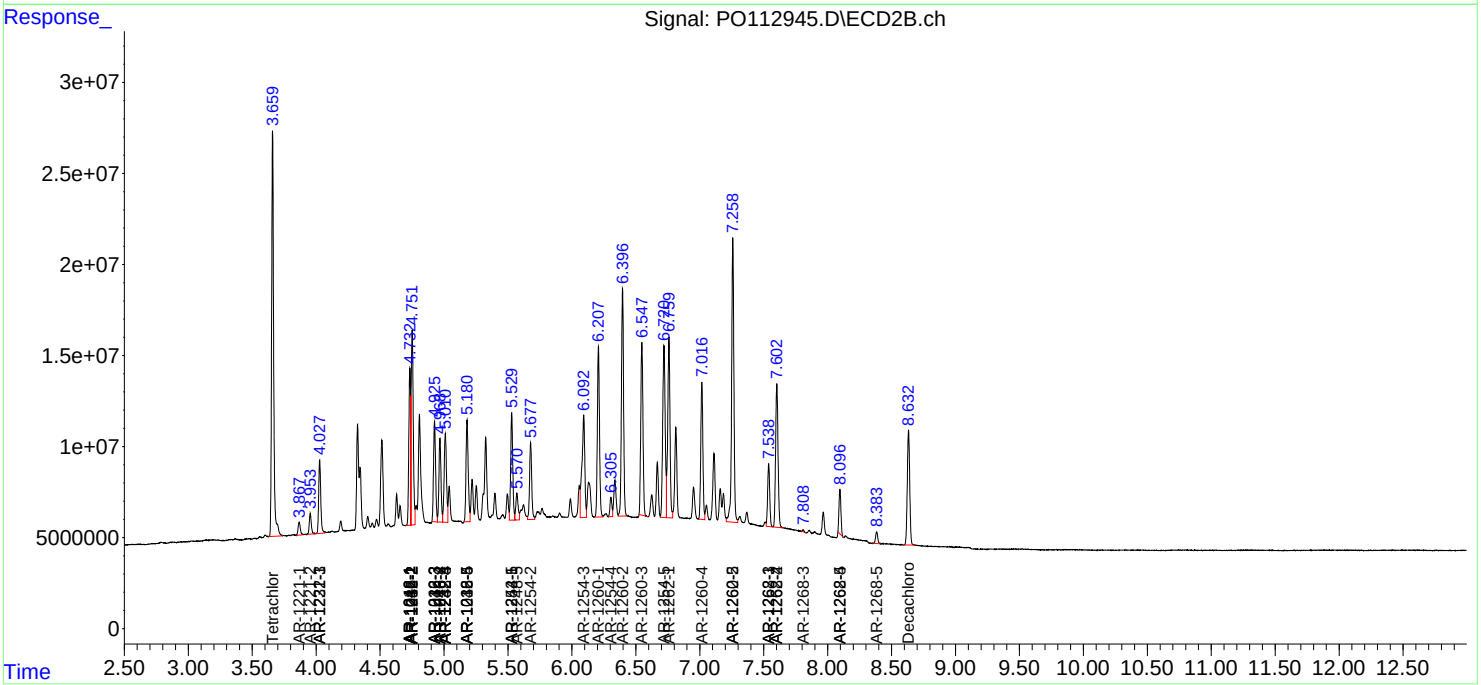
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081425\
Data File : PO112945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:27
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

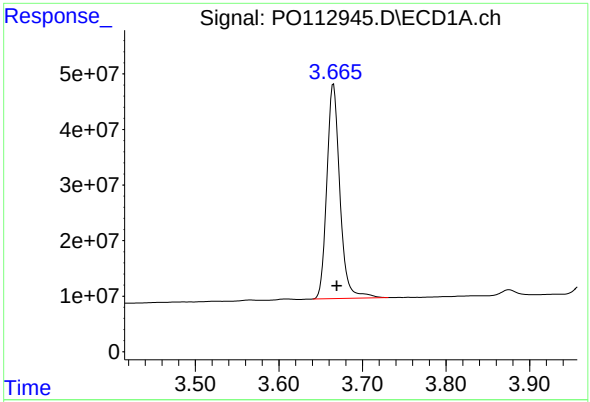
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 16:52:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 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



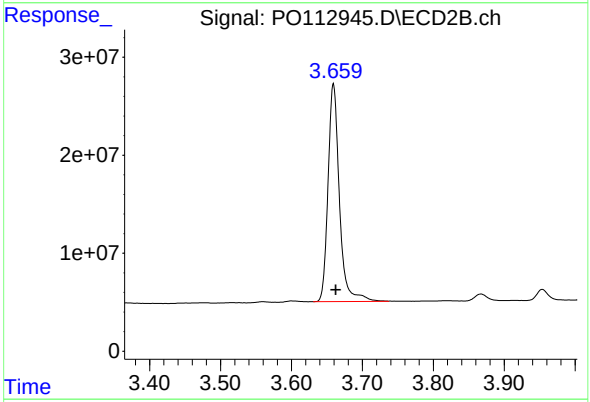




#1 Tetrachloro-m-xylene

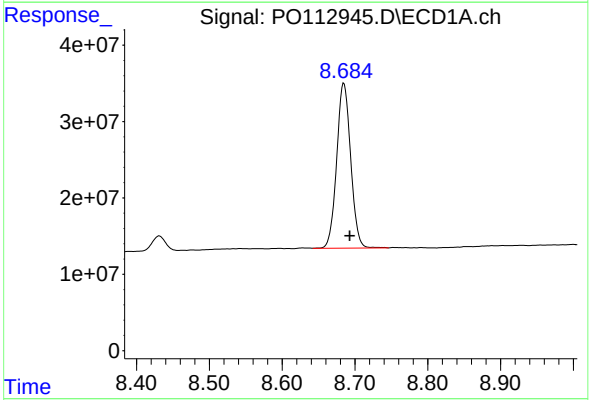
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 418917492
Conc: 51.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



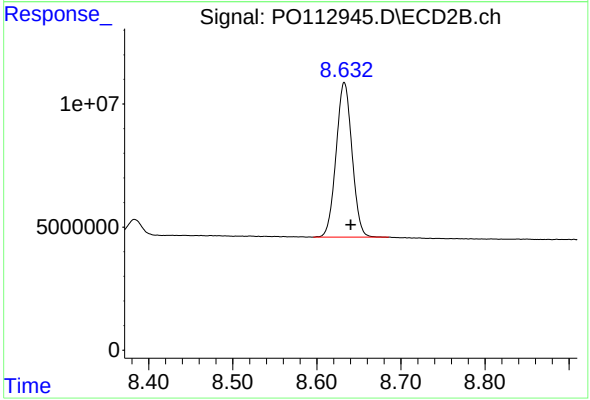
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 247793681
Conc: 49.87 ng/ml



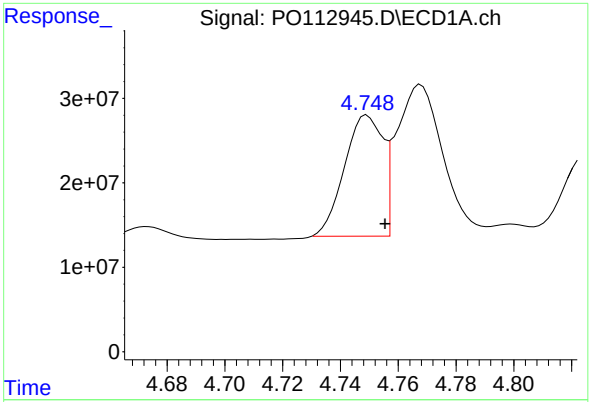
#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 288080441
Conc: 39.40 ng/ml



#2 Decachlorobiphenyl

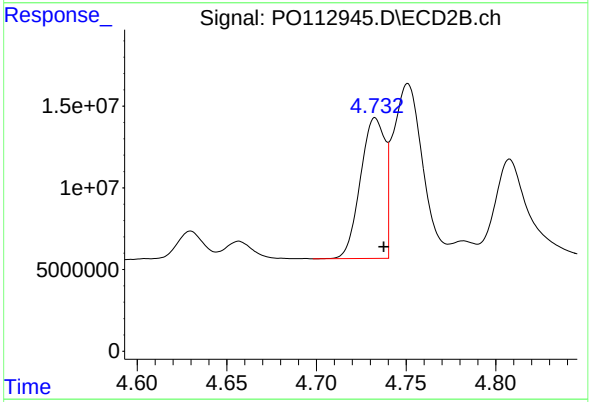
R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 82708522
Conc: 46.80 ng/ml



#3 AR-1016-1

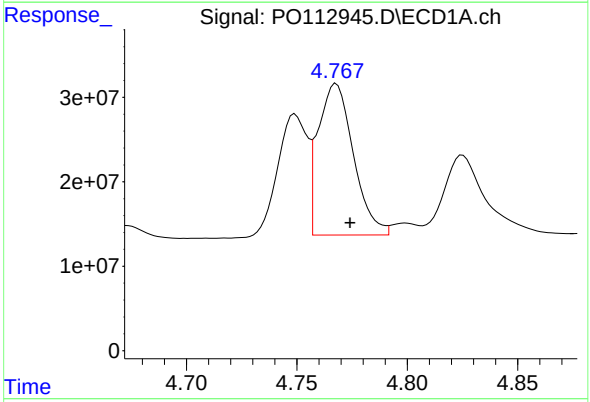
R.T.: 4.749 min
Delta R.T.: -0.006 min
Response: 132174180
Conc: 492.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



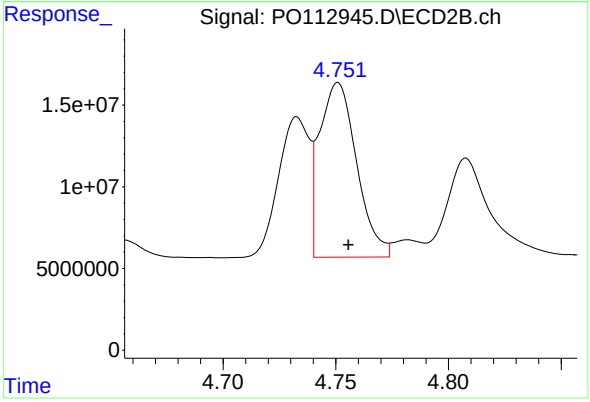
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 82053133
Conc: 468.86 ng/ml



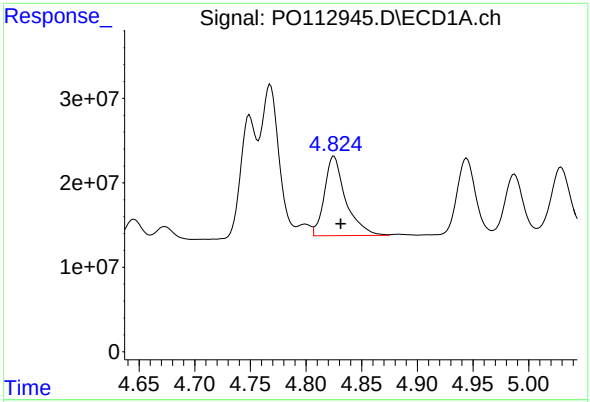
#4 AR-1016-2

R.T.: 4.768 min
Delta R.T.: -0.006 min
Response: 199711158
Conc: 491.76 ng/ml



#4 AR-1016-2

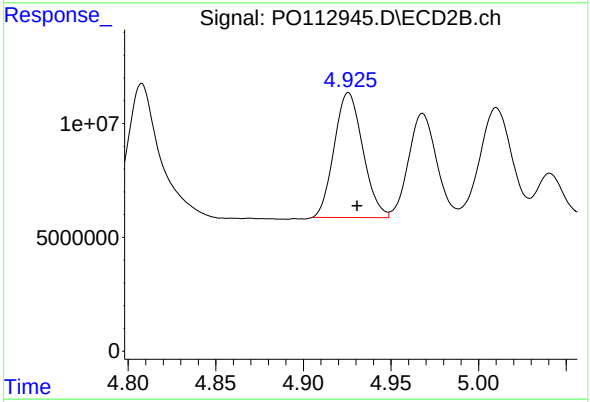
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 122589027
Conc: 470.60 ng/ml



#5 AR-1016-3

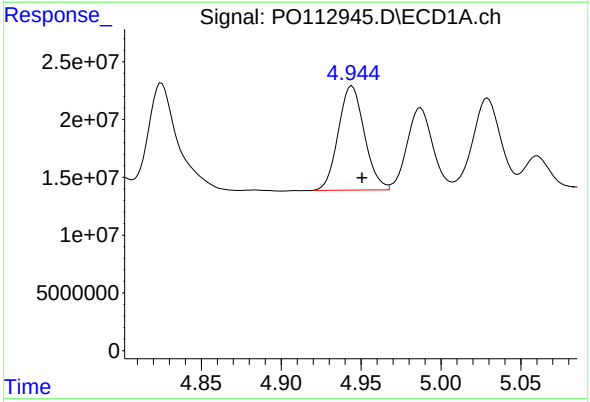
R.T.: 4.825 min
Delta R.T.: -0.006 min
Response: 124918474
Conc: 477.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



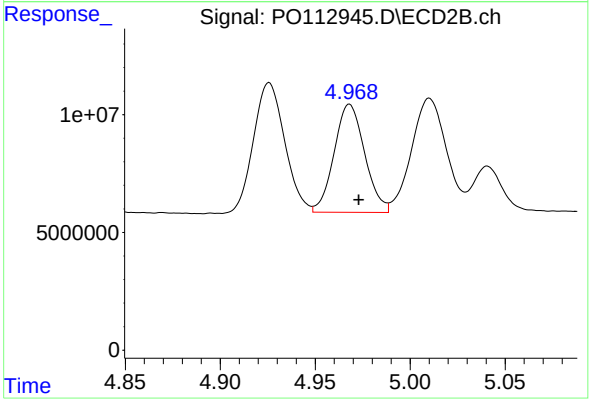
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 62457345
Conc: 459.36 ng/ml



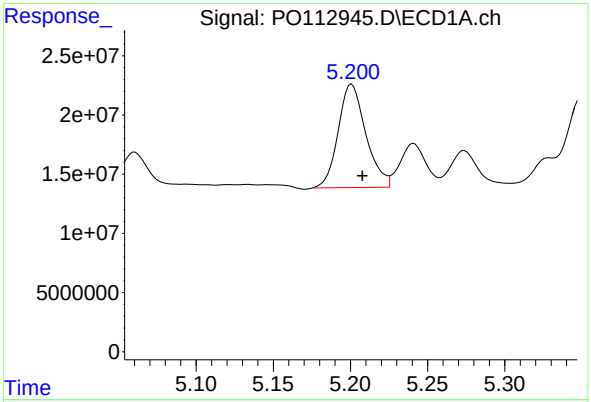
#6 AR-1016-4

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 102660641
Conc: 484.61 ng/ml



#6 AR-1016-4

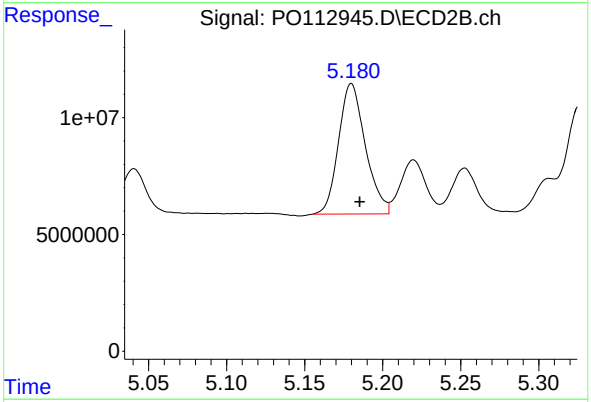
R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 51421251
Conc: 462.90 ng/ml



#7 AR-1016-5

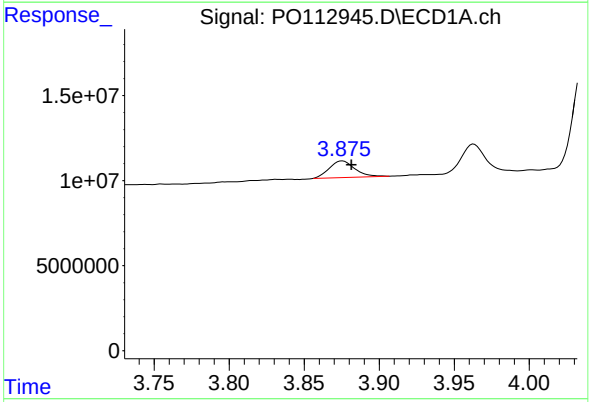
R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 109019694
Conc: 496.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



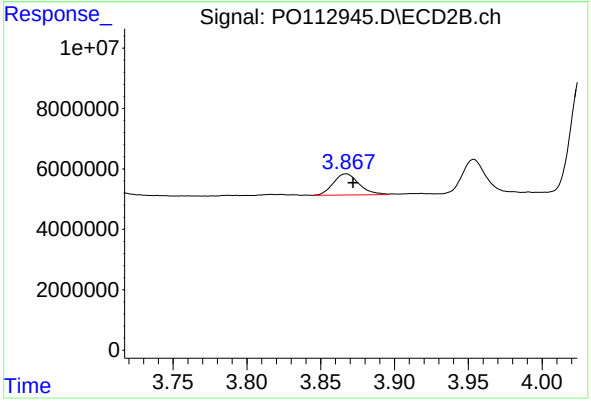
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 66849612
Conc: 466.49 ng/ml



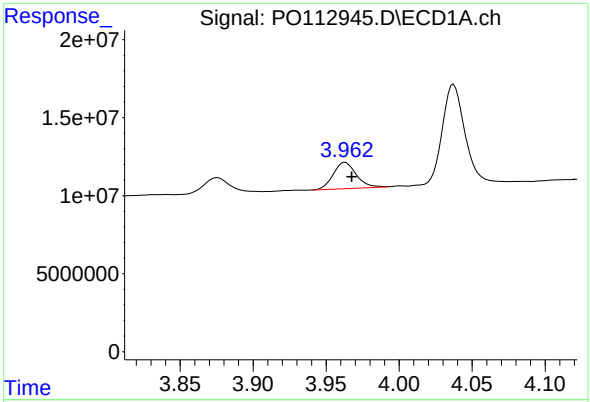
#8 AR-1221-1

R.T.: 3.876 min
Delta R.T.: -0.006 min
Response: 11570056
Conc: 119.70 ng/ml



#8 AR-1221-1

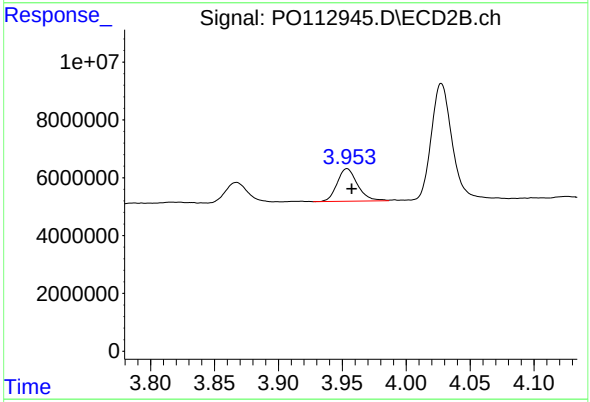
R.T.: 3.867 min
Delta R.T.: -0.004 min
Response: 8507354
Conc: 126.47 ng/ml



#9 AR-1221-2

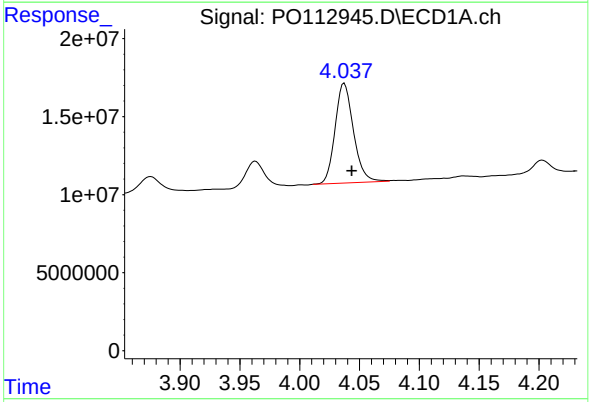
R.T.: 3.963 min
Delta R.T.: -0.004 min
Response: 18509320
Conc: 257.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



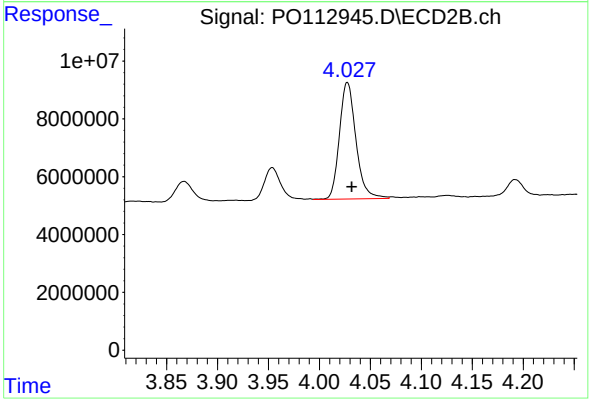
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 12578107
Conc: 247.95 ng/ml



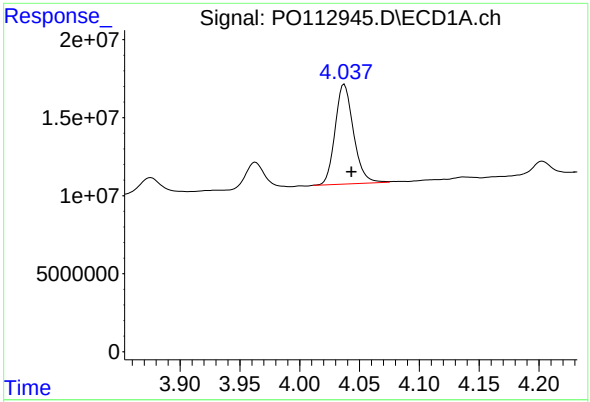
#10 AR-1221-3

R.T.: 4.037 min
Delta R.T.: -0.006 min
Response: 68538687
Conc: 288.33 ng/ml



#10 AR-1221-3

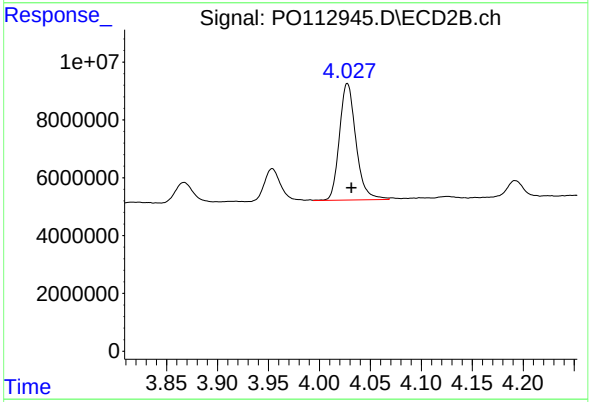
R.T.: 4.027 min
Delta R.T.: -0.004 min
Response: 45589394
Conc: 287.58 ng/ml



#11 AR-1232-1

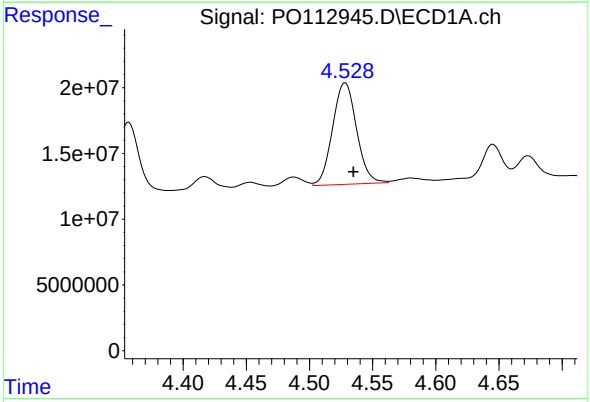
R.T.: 4.037 min
Delta R.T.: -0.006 min
Response: 68538687
Conc: 366.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



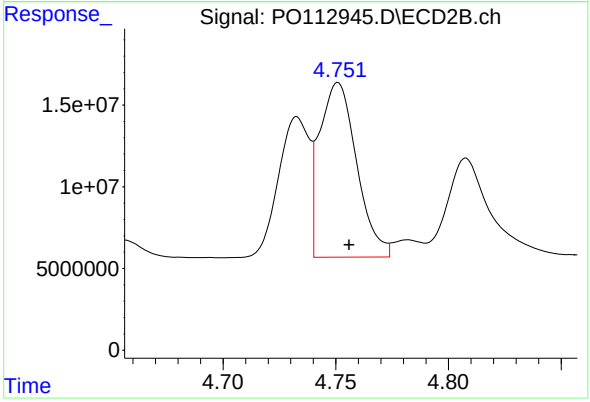
#11 AR-1232-1

R.T.: 4.027 min
Delta R.T.: -0.004 min
Response: 45589394
Conc: 360.25 ng/ml



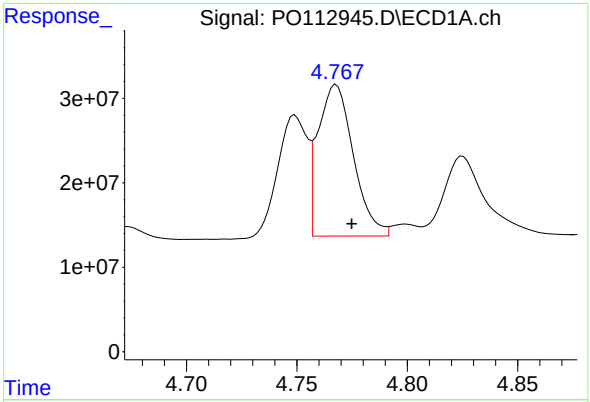
#12 AR-1232-2

R.T.: 4.528 min
Delta R.T.: -0.006 min
Response: 102380930
Conc: 951.28 ng/ml



#12 AR-1232-2

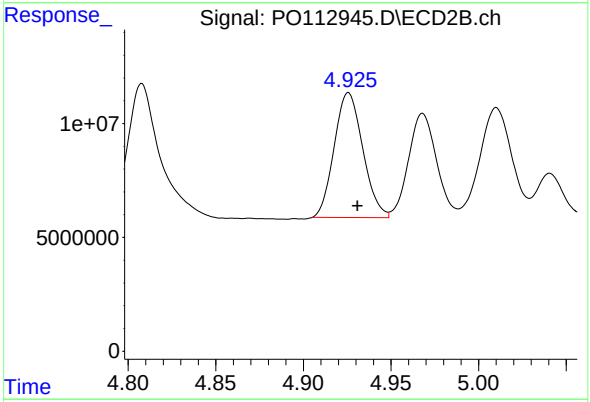
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 122589027
Conc: 934.69 ng/ml



#13 AR-1232-3

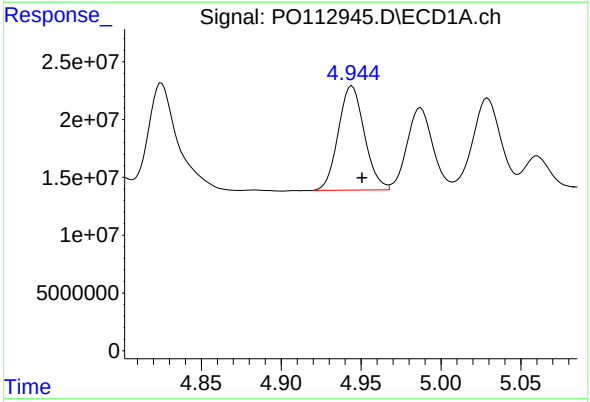
R.T.: 4.768 min
Delta R.T.: -0.007 min
Response: 199711158
Conc: 965.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



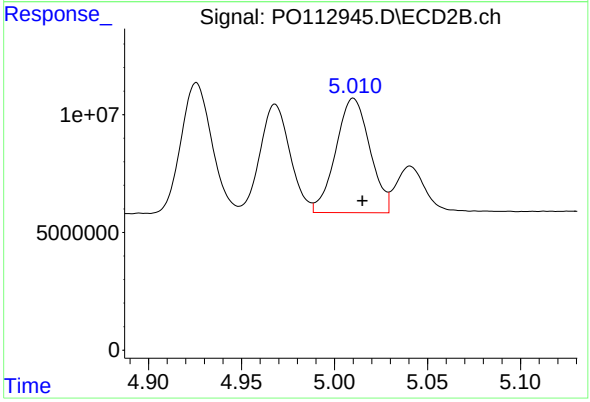
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 62457345
Conc: 929.47 ng/ml



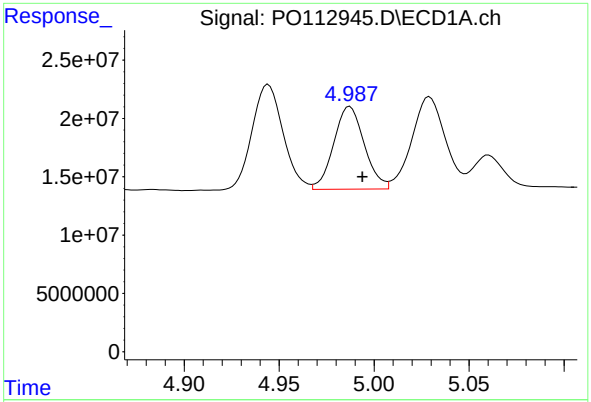
#14 AR-1232-4

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 102660641
Conc: 980.14 ng/ml



#14 AR-1232-4

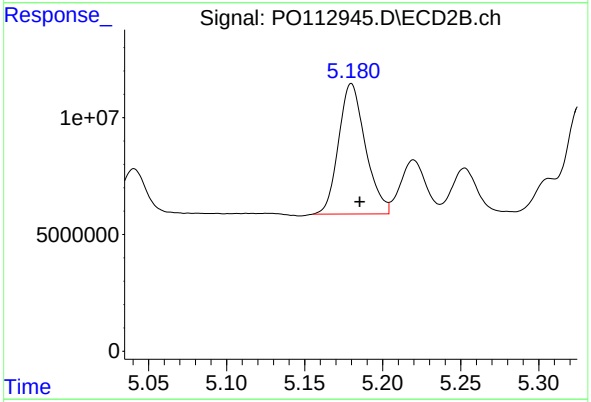
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 61999748
Conc: 1036.28 ng/ml



#15 AR-1232-5

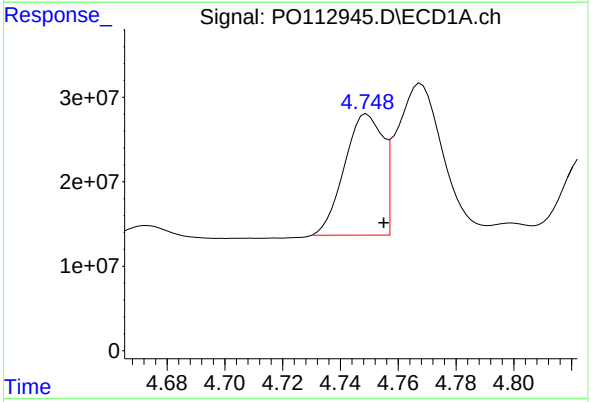
R.T.: 4.987 min
Delta R.T.: -0.007 min
Response: 79657170
Conc: 1173.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



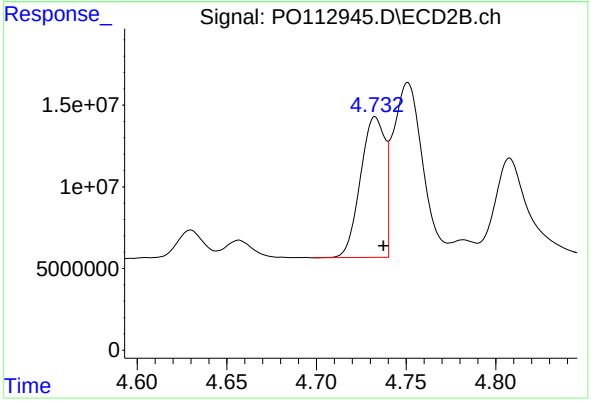
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 66849612
Conc: 1025.25 ng/ml



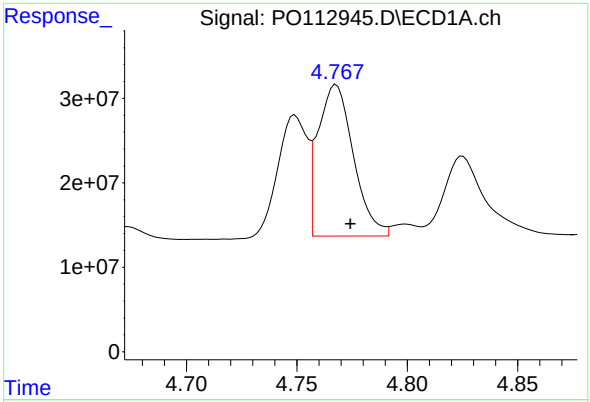
#16 AR-1242-1

R.T.: 4.749 min
Delta R.T.: -0.006 min
Response: 132174180
Conc: 533.84 ng/ml



#16 AR-1242-1

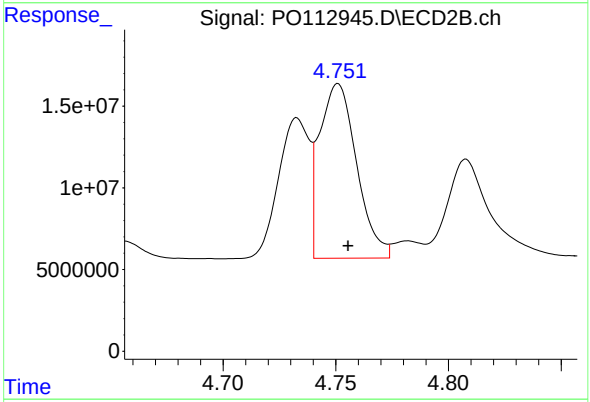
R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 82053133
Conc: 518.03 ng/ml



#17 AR-1242-2

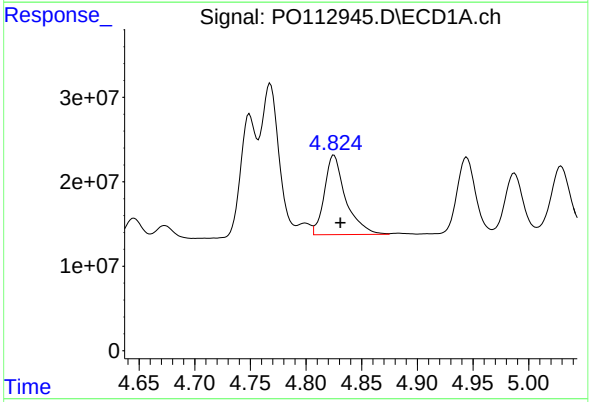
R.T.: 4.768 min
Delta R.T.: -0.006 min
Response: 199711158
Conc: 540.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



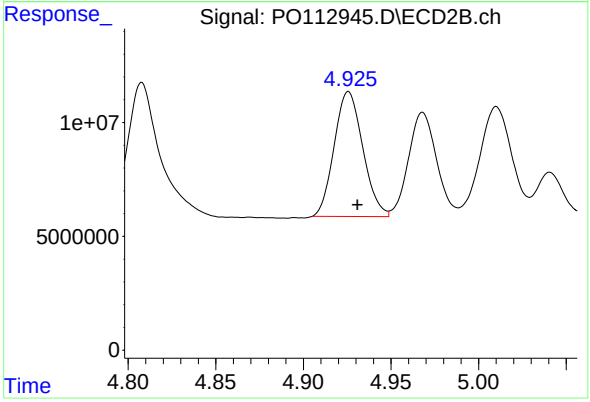
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 122589027
Conc: 524.63 ng/ml



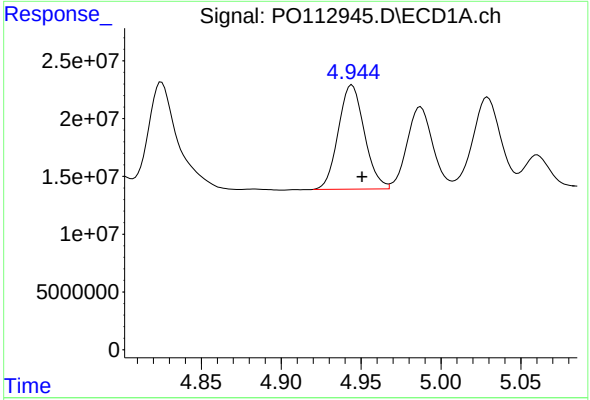
#18 AR-1242-3

R.T.: 4.825 min
Delta R.T.: -0.006 min
Response: 124918474
Conc: 527.84 ng/ml



#18 AR-1242-3

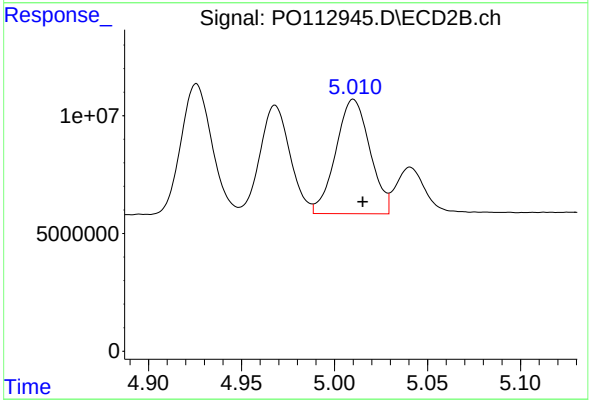
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 62457345
Conc: 515.37 ng/ml



#19 AR-1242-4

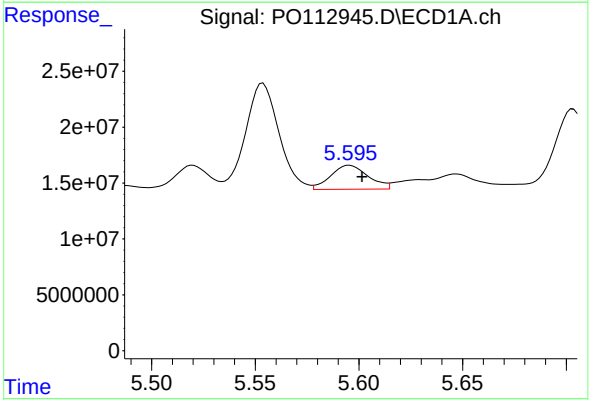
R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 102660641
Conc: 528.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



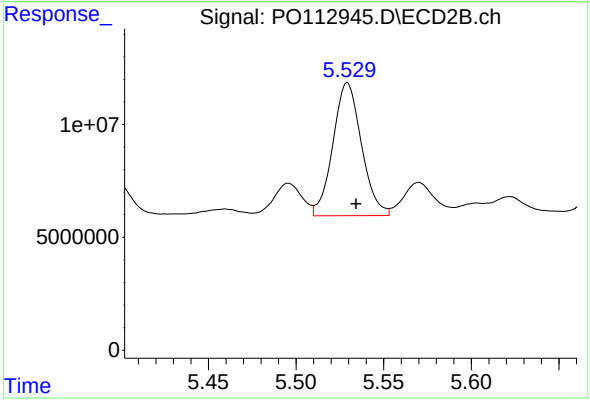
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 61999748
Conc: 505.13 ng/ml



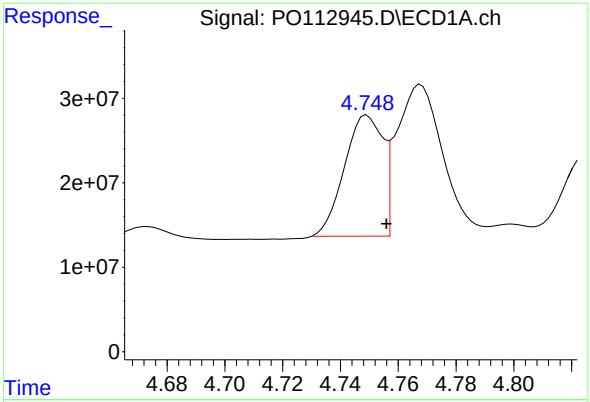
#20 AR-1242-5

R.T.: 5.595 min
Delta R.T.: -0.006 min
Response: 27113503
Conc: 126.75 ng/ml



#20 AR-1242-5

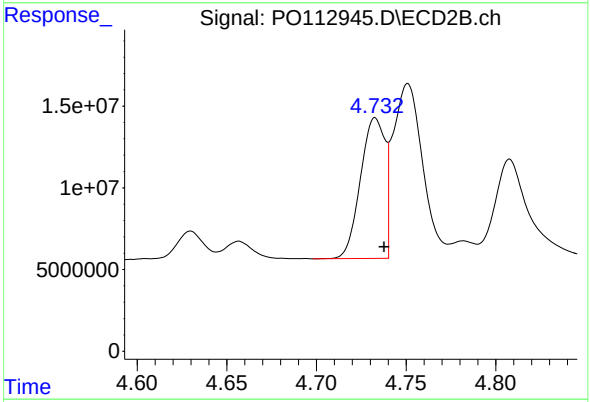
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 66937900
Conc: 415.84 ng/ml



#21 AR-1248-1

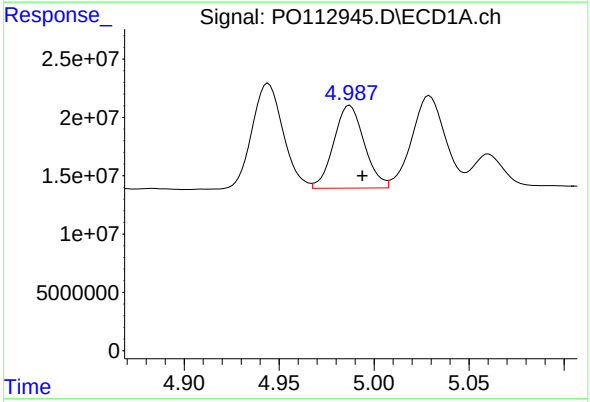
R.T.: 4.749 min
Delta R.T.: -0.007 min
Response: 132174180
Conc: 706.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



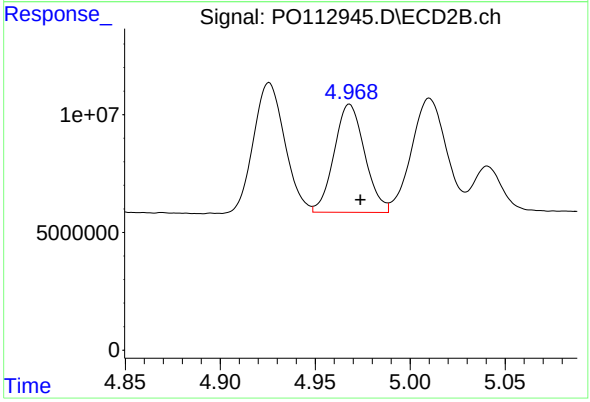
#21 AR-1248-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 82053133
Conc: 675.28 ng/ml



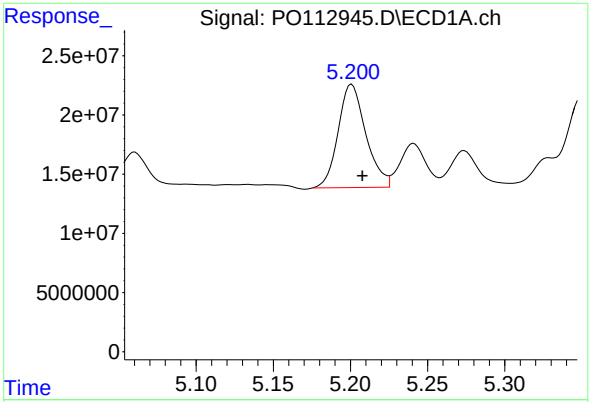
#22 AR-1248-2

R.T.: 4.987 min
Delta R.T.: -0.007 min
Response: 79657170
Conc: 312.24 ng/ml



#22 AR-1248-2

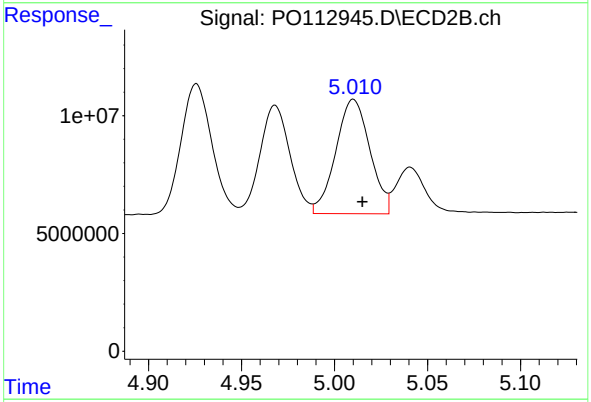
R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 51421251
Conc: 303.77 ng/ml



#23 AR-1248-3

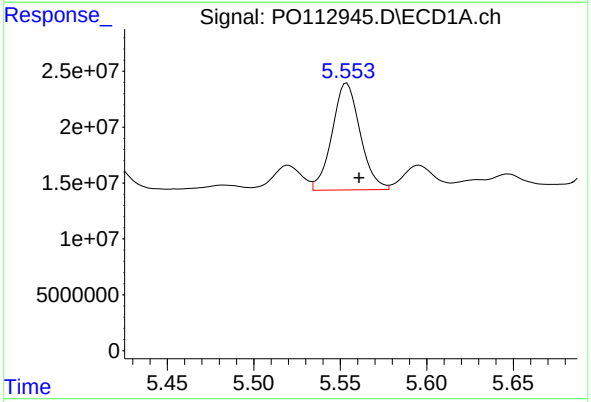
R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 109019694
Conc: 317.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



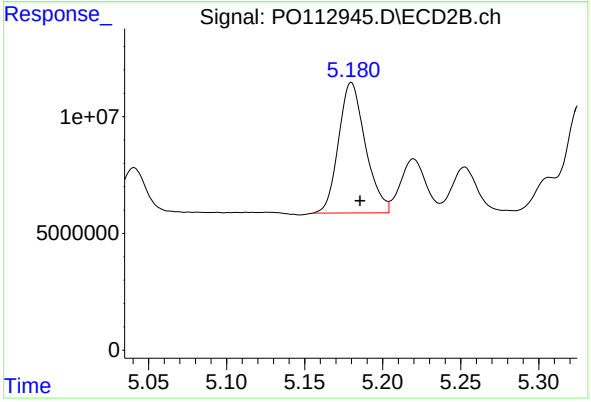
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 61999748
Conc: 349.00 ng/ml



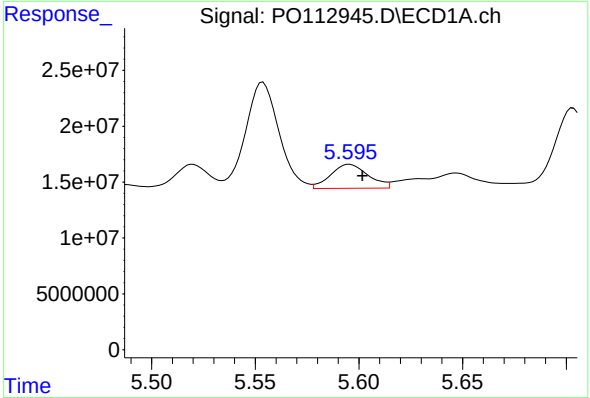
#24 AR-1248-4

R.T.: 5.554 min
Delta R.T.: -0.007 min
Response: 107803022
Conc: 212.18 ng/ml



#24 AR-1248-4

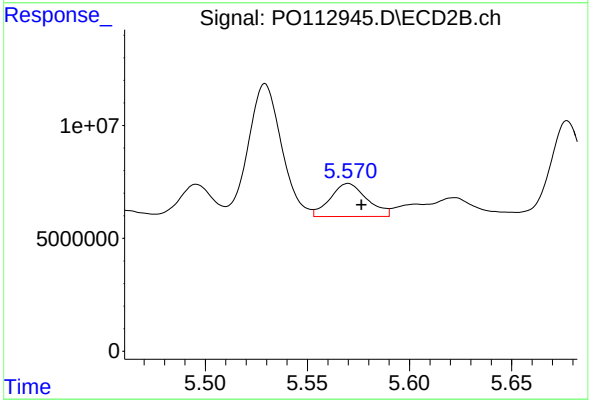
R.T.: 5.180 min
Delta R.T.: -0.006 min
Response: 66849612
Conc: 320.85 ng/ml



#25 AR-1248-5

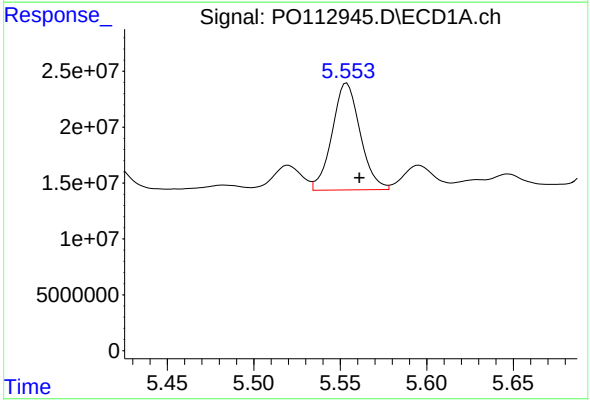
R.T.: 5.595 min
Delta R.T.: -0.006 min
Response: 27113503
Conc: 77.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



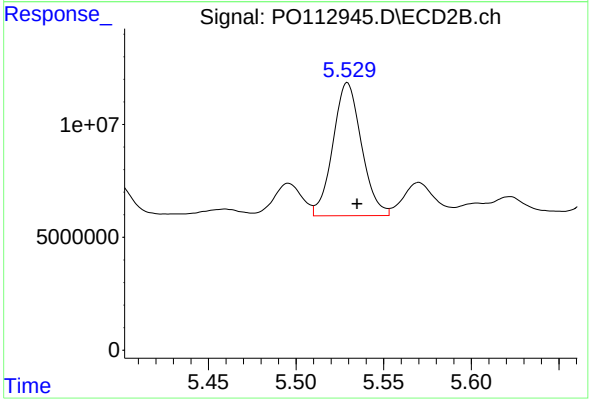
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: -0.006 min
Response: 18423434
Conc: 85.78 ng/ml



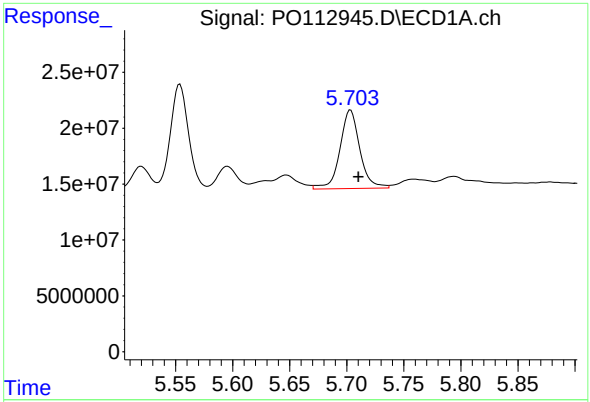
#26 AR-1254-1

R.T.: 5.554 min
Delta R.T.: -0.007 min
Response: 107803022
Conc: 196.38 ng/ml



#26 AR-1254-1

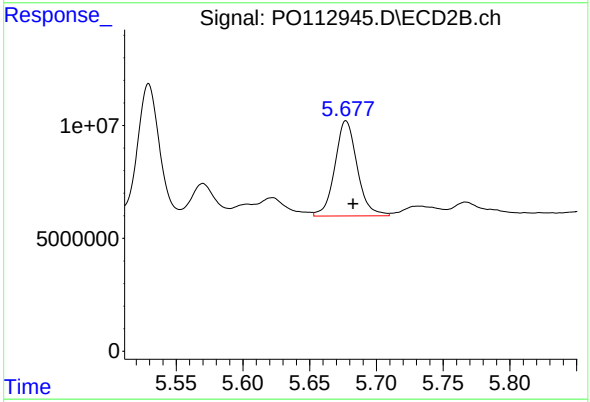
R.T.: 5.529 min
Delta R.T.: -0.006 min
Response: 66937900
Conc: 203.69 ng/ml



#27 AR-1254-2

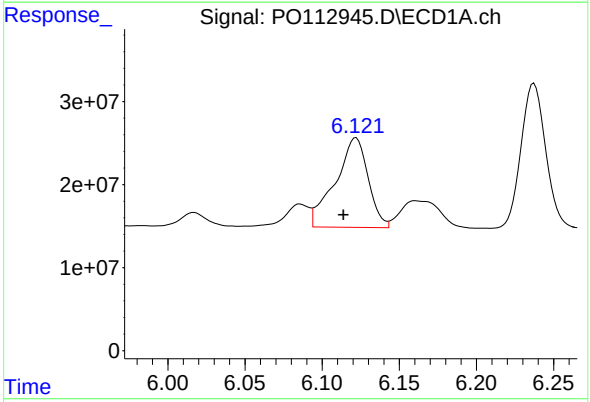
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 85399081
Conc: 175.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



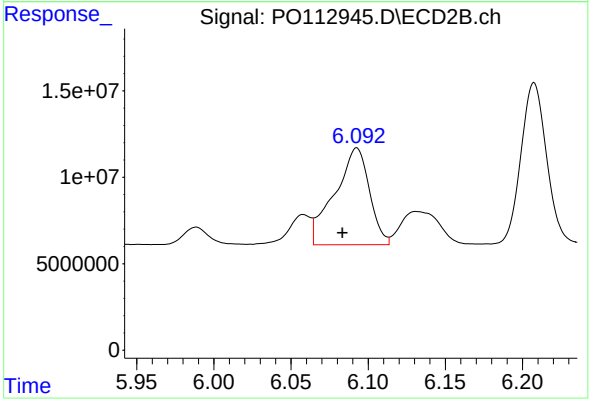
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 49025117
Conc: 169.35 ng/ml



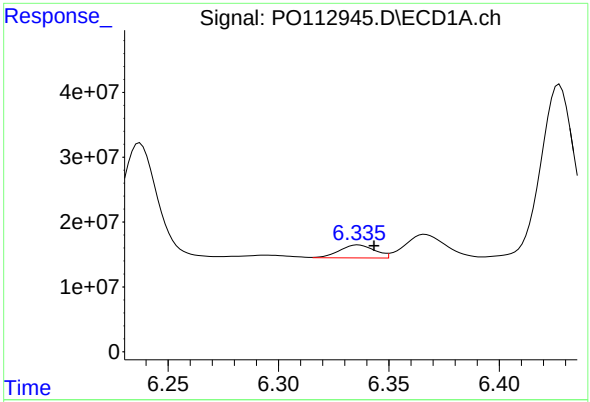
#28 AR-1254-3

R.T.: 6.122 min
Delta R.T.: 0.008 min
Response: 160375452
Conc: 215.48 ng/ml



#28 AR-1254-3

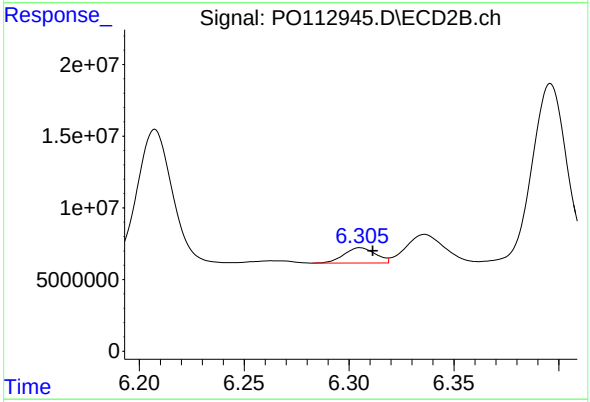
R.T.: 6.093 min
Delta R.T.: 0.009 min
Response: 87866910
Conc: 205.56 ng/ml



#29 AR-1254-4

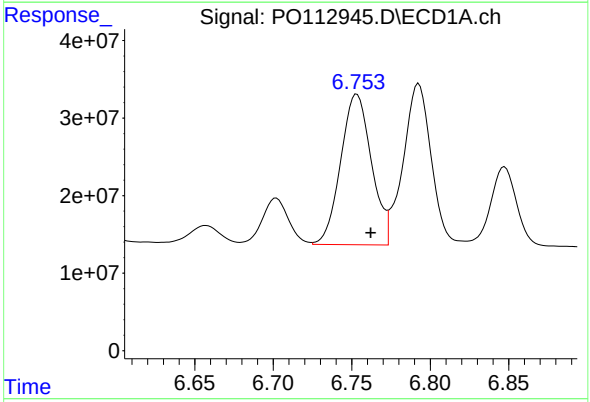
R.T.: 6.336 min
Delta R.T.: -0.007 min
Response: 21956669
Conc: 39.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



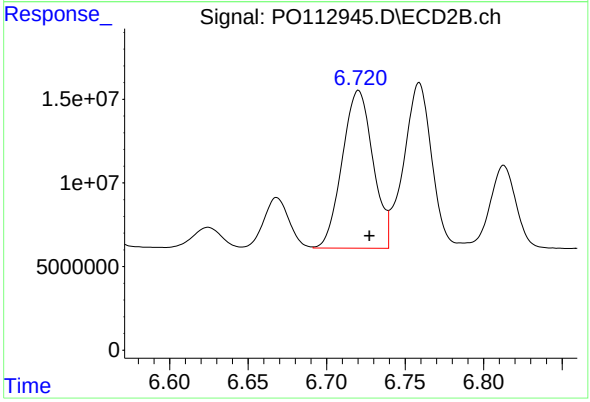
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.006 min
Response: 11125806
Conc: 40.76 ng/ml



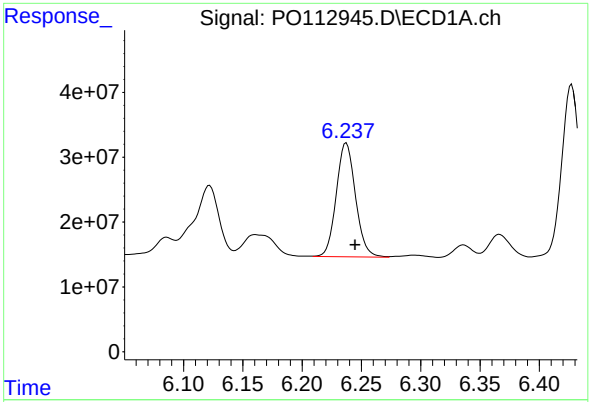
#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 265073677
Conc: 374.49 ng/ml



#30 AR-1254-5

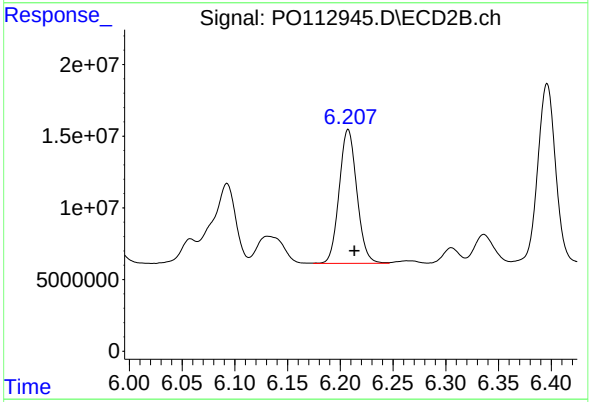
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 128919814
Conc: 385.96 ng/ml



#31 AR-1260-1

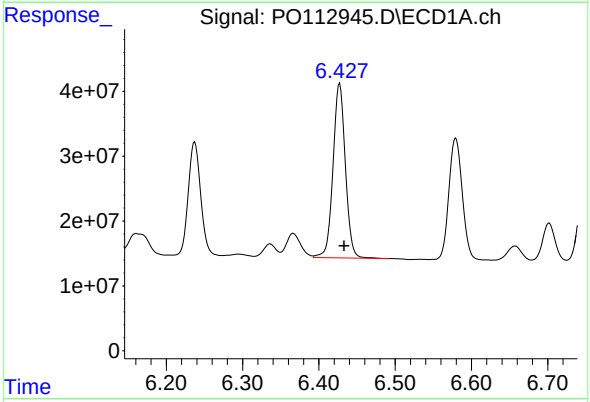
R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 198227822
Conc: 451.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



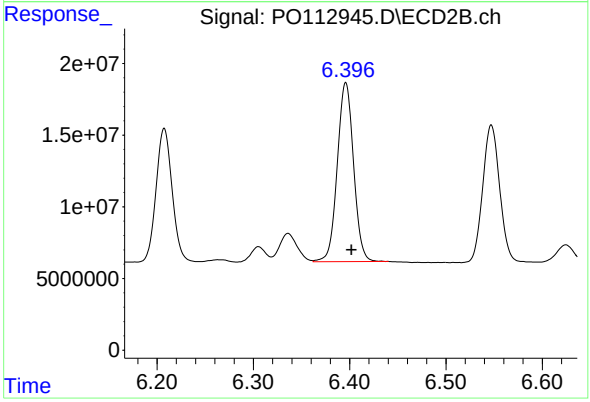
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 108951350
Conc: 438.42 ng/ml



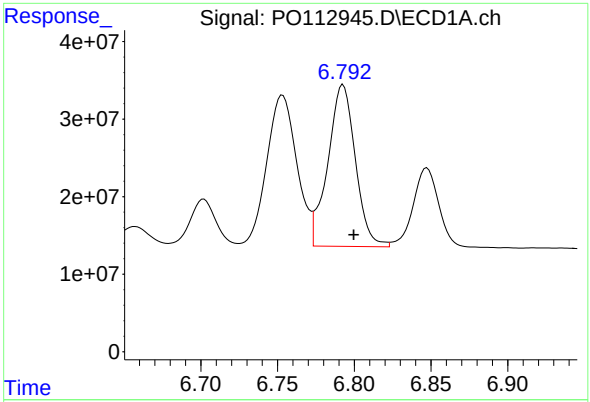
#32 AR-1260-2

R.T.: 6.427 min
Delta R.T.: -0.006 min
Response: 300986548
Conc: 437.55 ng/ml



#32 AR-1260-2

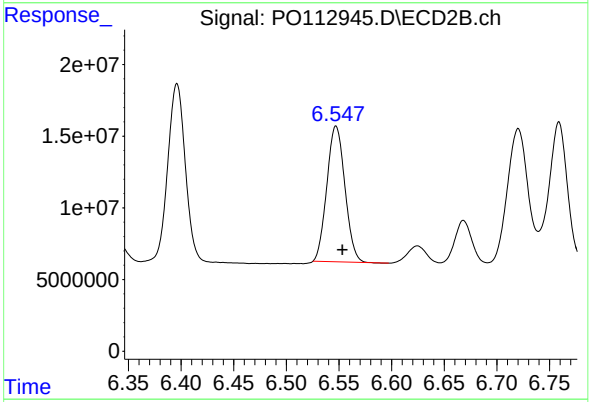
R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 146025550
Conc: 443.18 ng/ml



#33 AR-1260-3

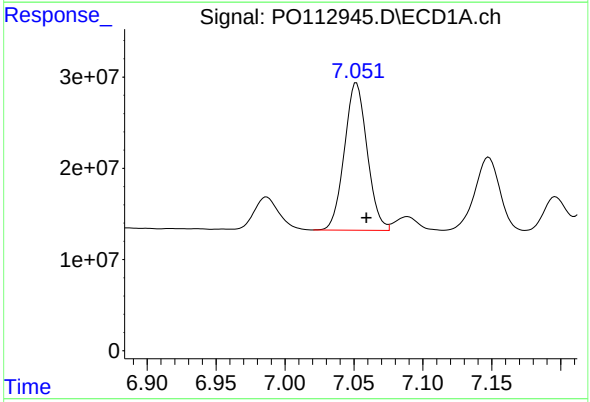
R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 260592687
Conc: 443.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



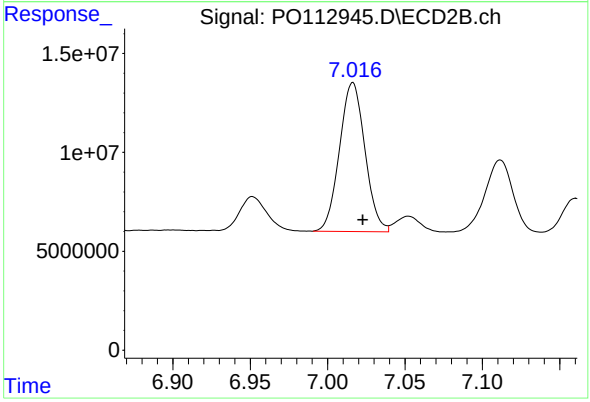
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 113362700
Conc: 441.24 ng/ml



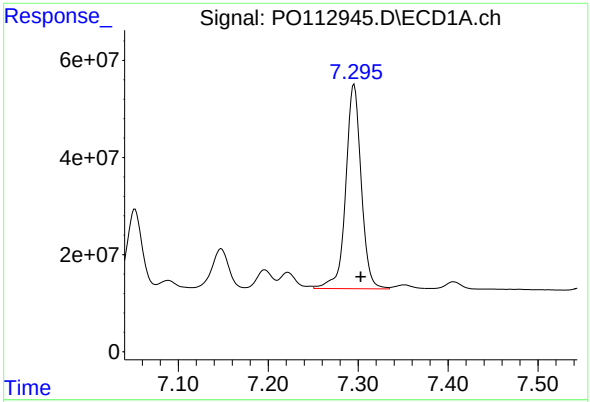
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 185210979
Conc: 410.66 ng/ml



#34 AR-1260-4

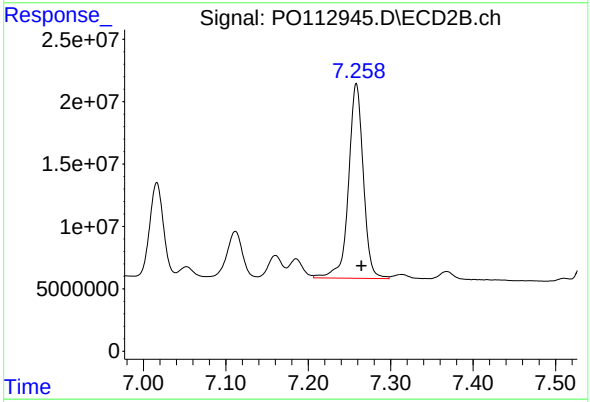
R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 86197701
Conc: 450.56 ng/ml



#35 AR-1260-5

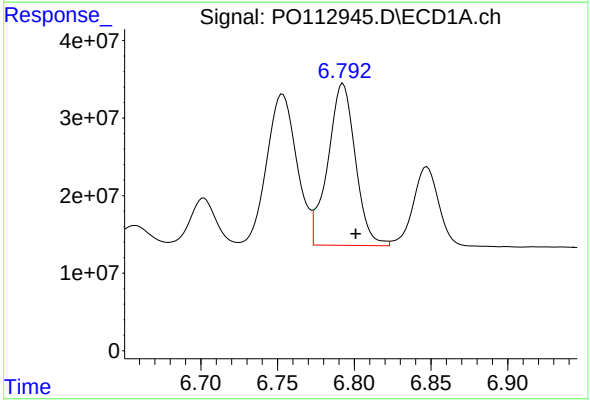
R.T.: 7.295 min
Delta R.T.: -0.007 min
Response: 503991688
Conc: 406.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



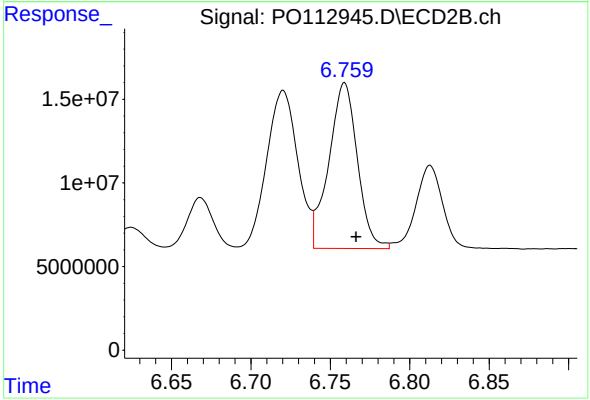
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 194391830
Conc: 471.60 ng/ml



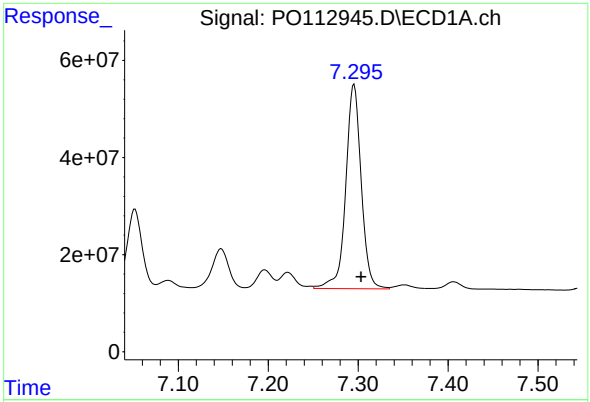
#36 AR-1262-1

R.T.: 6.793 min
Delta R.T.: -0.008 min
Response: 260592687
Conc: 280.45 ng/ml



#36 AR-1262-1

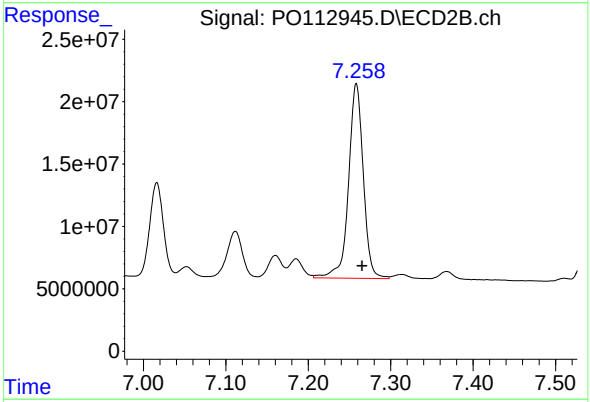
R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 123769271
Conc: 298.36 ng/ml



#37 AR-1262-2

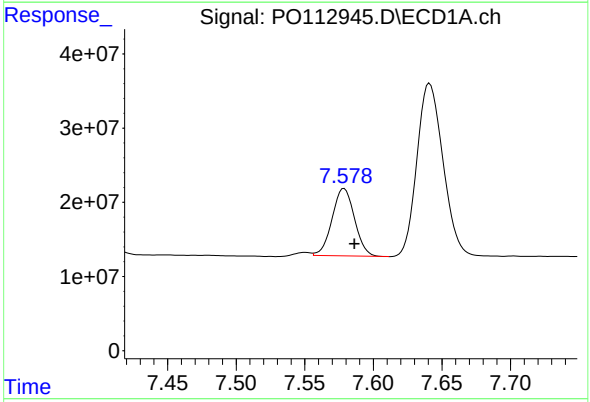
R.T.: 7.295 min
Delta R.T.: -0.008 min
Response: 503991688
Conc: 338.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



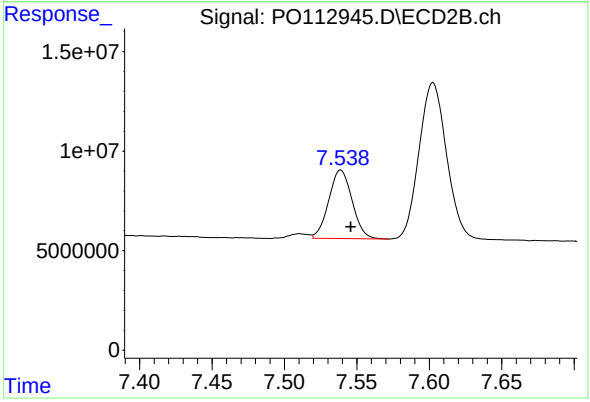
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: -0.007 min
Response: 194391830
Conc: 377.06 ng/ml



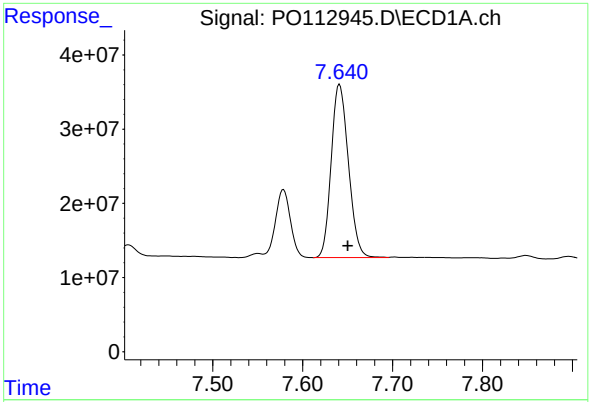
#38 AR-1262-3

R.T.: 7.579 min
Delta R.T.: -0.007 min
Response: 103494421
Conc: 175.34 ng/ml



#38 AR-1262-3

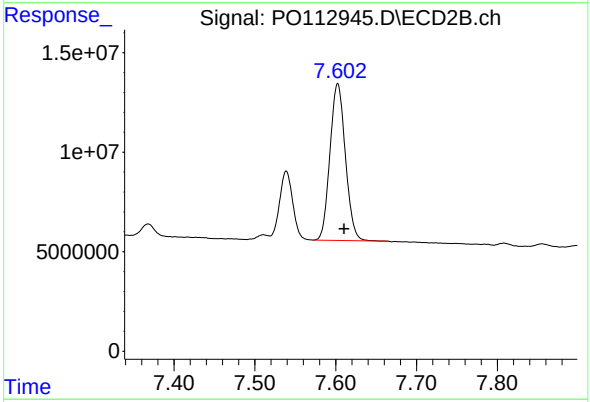
R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 38758131
Conc: 207.79 ng/ml



#39 AR-1262-4

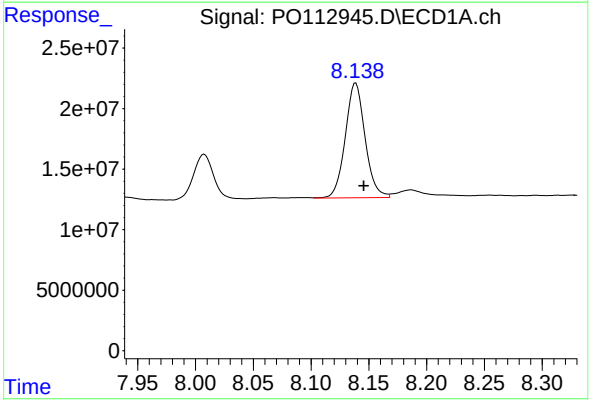
R.T.: 7.641 min
Delta R.T.: -0.009 min
Response: 310327636
Conc: 312.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



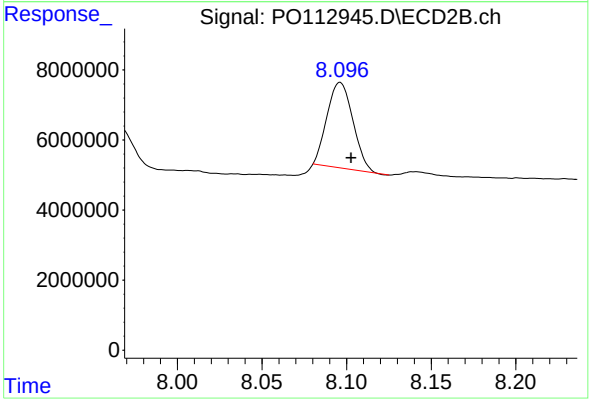
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 104272733
Conc: 361.93 ng/ml



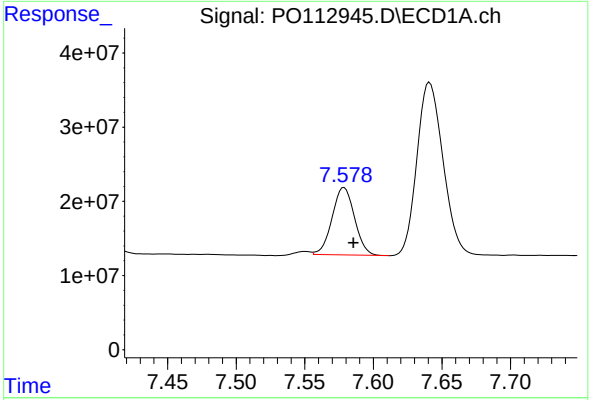
#40 AR-1262-5

R.T.: 8.139 min
Delta R.T.: -0.007 min
Response: 112616672
Conc: 259.45 ng/ml



#40 AR-1262-5

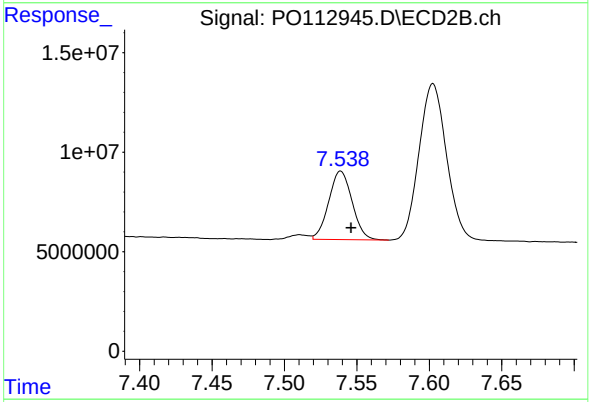
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 25925851
Conc: 260.55 ng/ml



#41 AR-1268-1

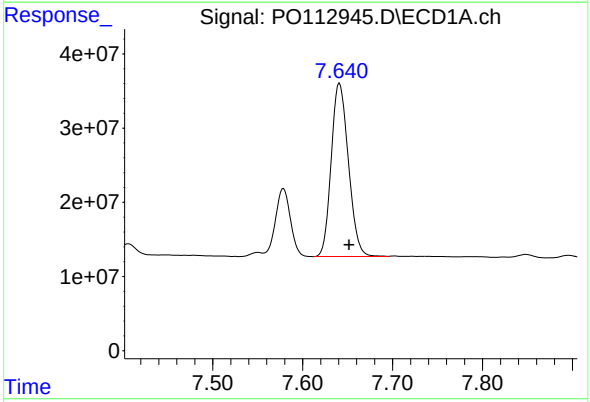
R.T.: 7.579 min
Delta R.T.: -0.007 min
Response: 103494421
Conc: 59.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



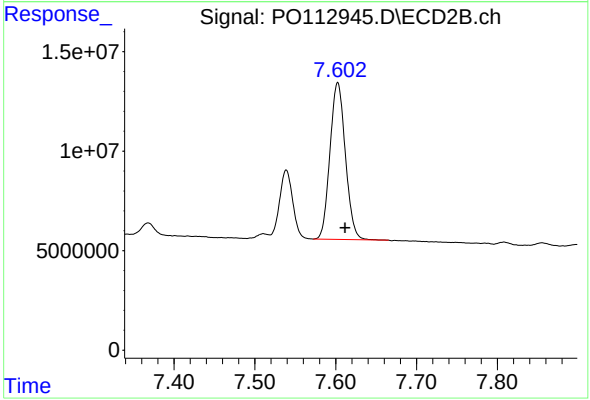
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 38758131
Conc: 74.84 ng/ml



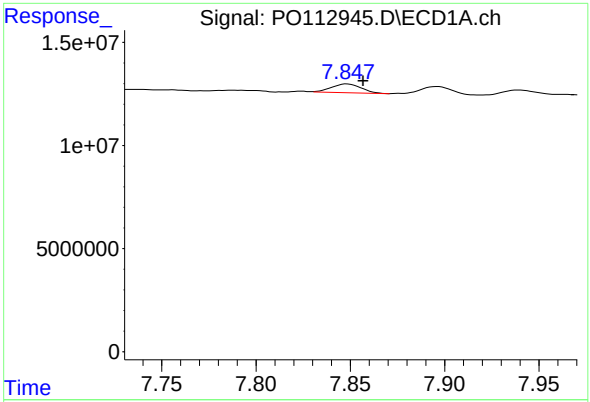
#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: -0.011 min
Response: 310327636
Conc: 210.67 ng/ml



#42 AR-1268-2

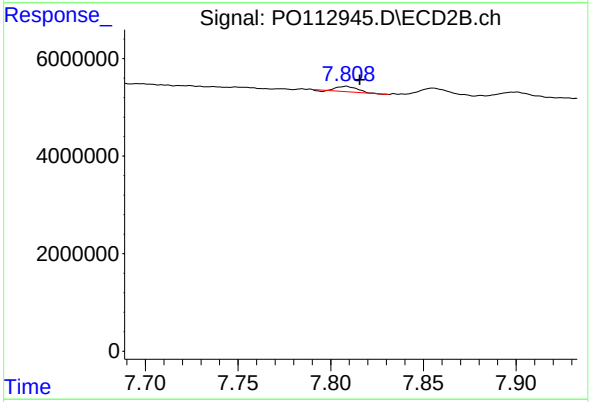
R.T.: 7.603 min
Delta R.T.: -0.009 min
Response: 104272733
Conc: 245.31 ng/ml



#43 AR-1268-3

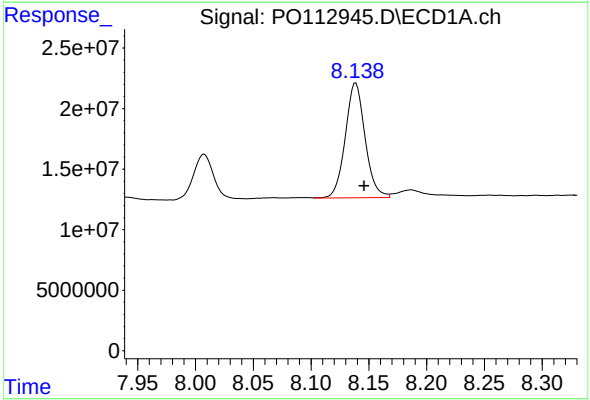
R.T.: 7.848 min
Delta R.T.: -0.009 min
Response: 4630940
Conc: 3.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



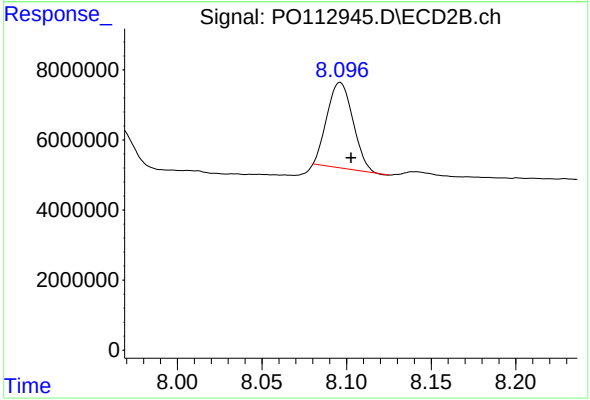
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: -0.007 min
Response: 796336
Conc: 2.48 ng/ml



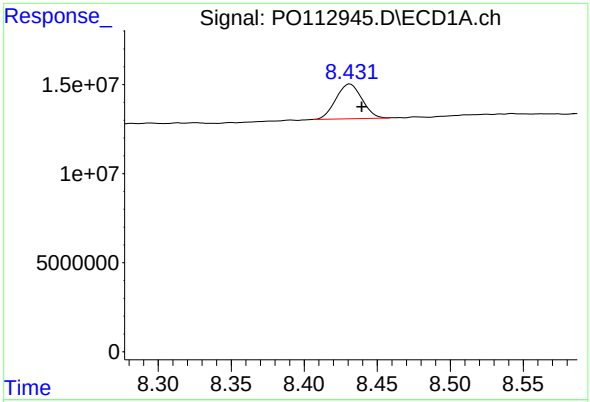
#44 AR-1268-4

R.T.: 8.139 min
Delta R.T.: -0.007 min
Response: 112616672
Conc: 233.71 ng/ml



#44 AR-1268-4

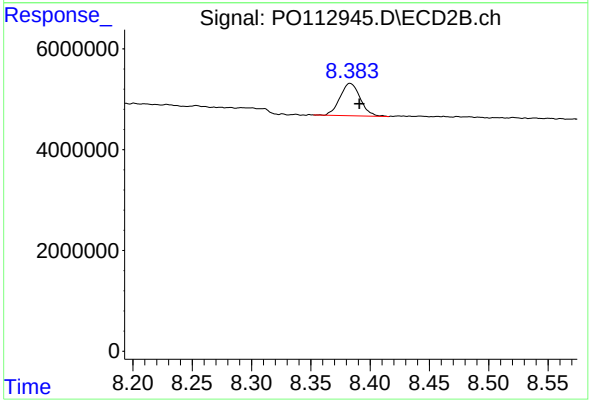
R.T.: 8.096 min
Delta R.T.: -0.006 min
Response: 25925851
Conc: 232.95 ng/ml



#45 AR-1268-5

R.T.: 8.431 min
Delta R.T.: -0.008 min
Response: 24330143
Conc: 7.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 7624137
Conc: 10.42 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
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: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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...	4.658	3.807	28863110	91466480	27.077	22.767
2)	SA Decachlor...	10.435	8.827	25421801	149.8E6	27.450	24.664
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.907	10964759	100.9E6	281.744	251.671
4)	L1 AR-1016-2	5.832	4.965	16172490	49571013	281.221	259.123
5)	L1 AR-1016-3	5.895	5.085	10675549	28731399	285.290	266.268
6)	L1 AR-1016-4	5.991	5.126	8965609	27406022	287.521	254.800
7)	L1 AR-1016-5	6.284	5.340	9320877	29720771	300.822	252.036
31)	L7 AR-1260-1	7.401	6.557	16203062	109.5E6	304.635	267.207
32)	L7 AR-1260-2	7.653	6.711	18253217	76433717	290.773	249.893
33)	L7 AR-1260-3	8.011	6.922	14251387	95830018	283.827	237.590
34)	L7 AR-1260-4	8.240	7.182	16666094	70195428	280.066	237.501
35)	L7 AR-1260-5	8.565	7.421	29333116	183.1E6	275.424	232.969

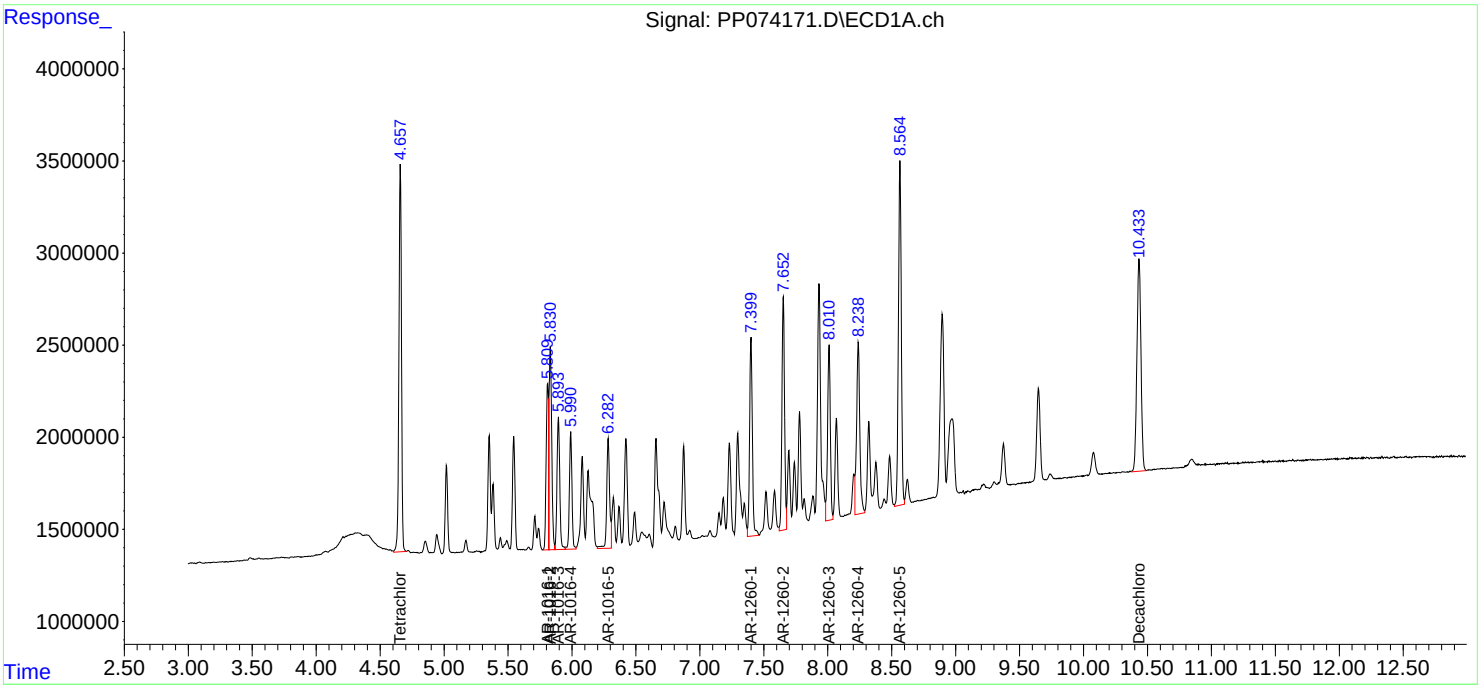
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

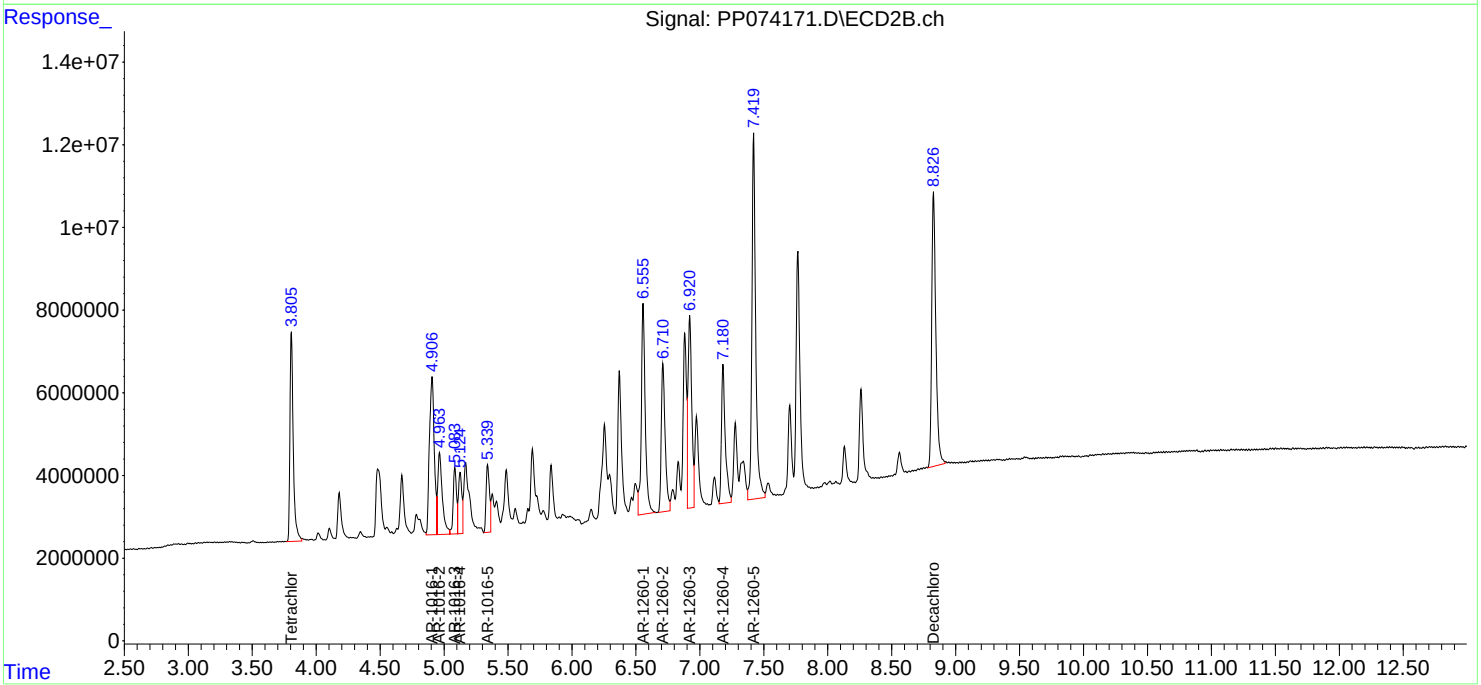
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

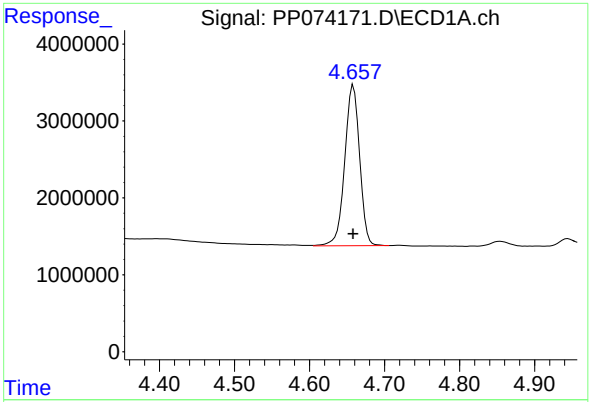
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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



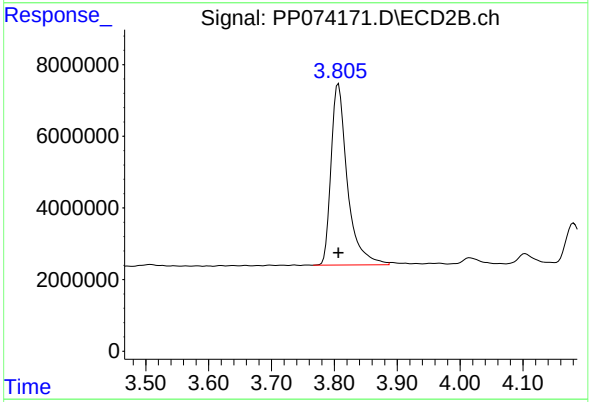




#1 Tetrachloro-m-xylene

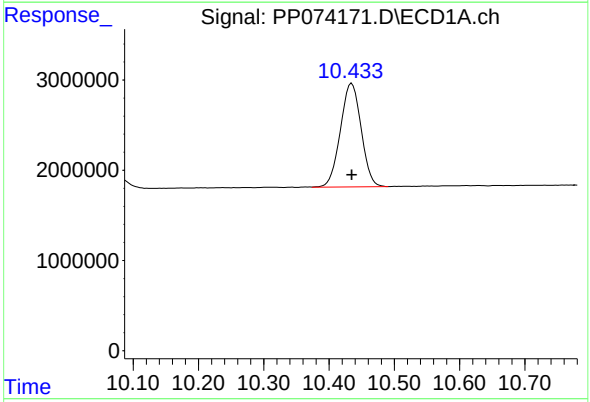
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



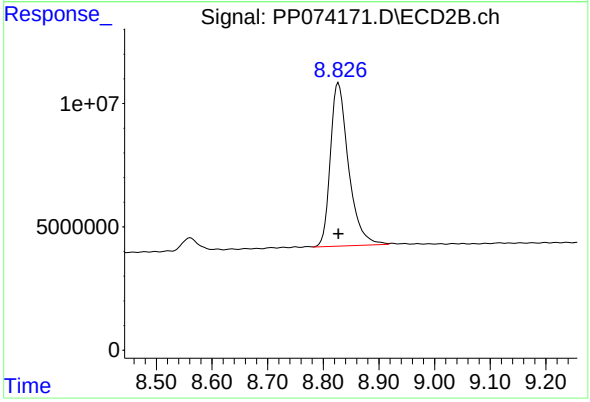
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



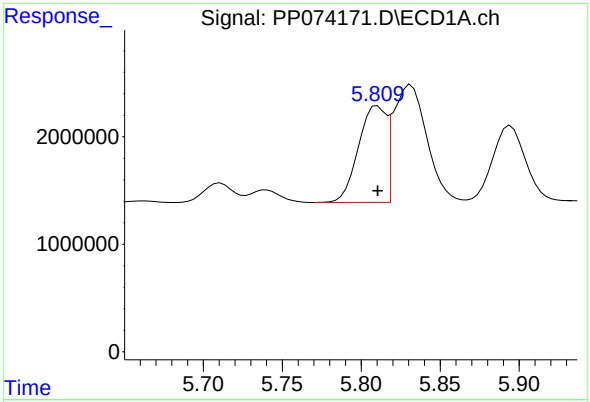
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

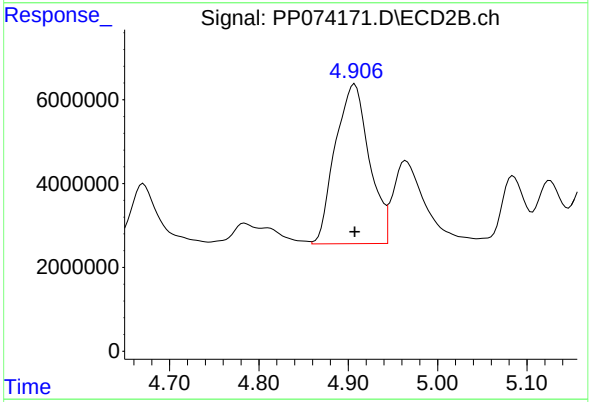
R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml



#3 AR-1016-1

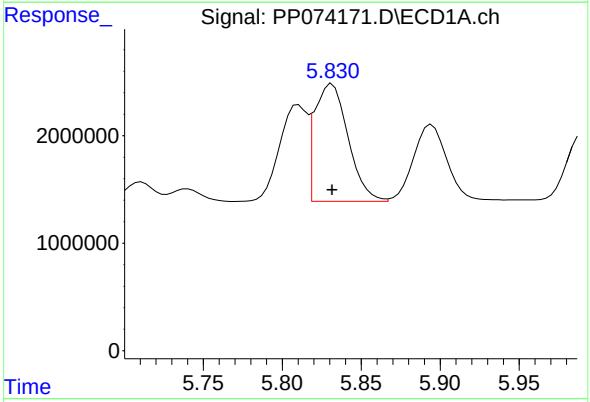
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



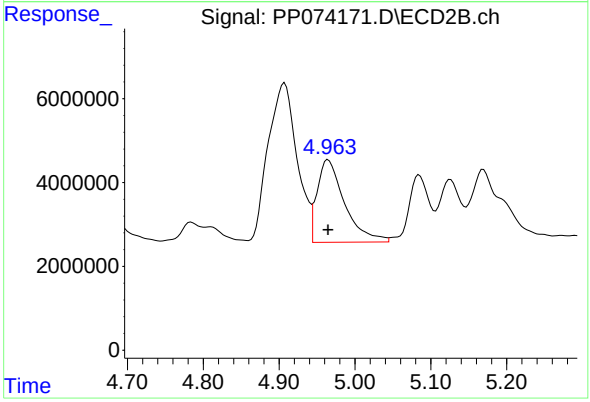
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml



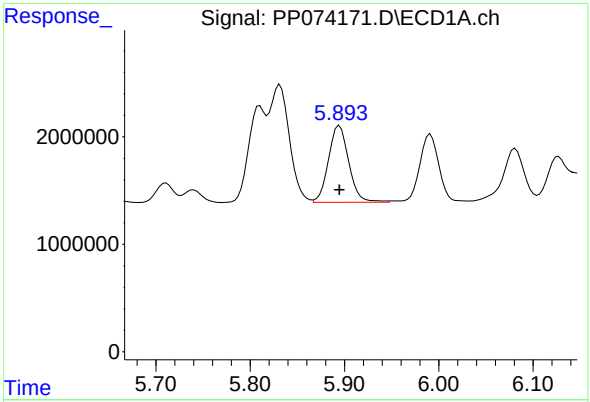
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml



#4 AR-1016-2

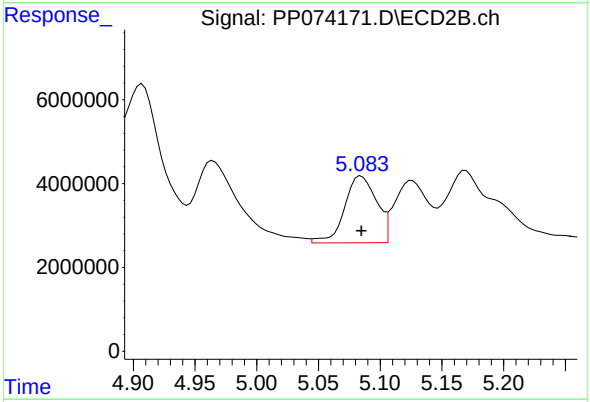
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml



#5 AR-1016-3

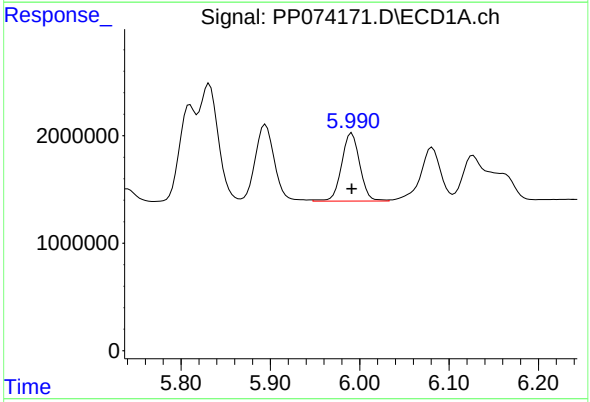
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



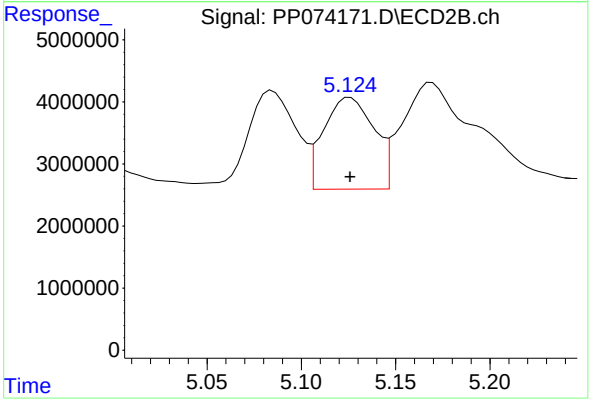
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml



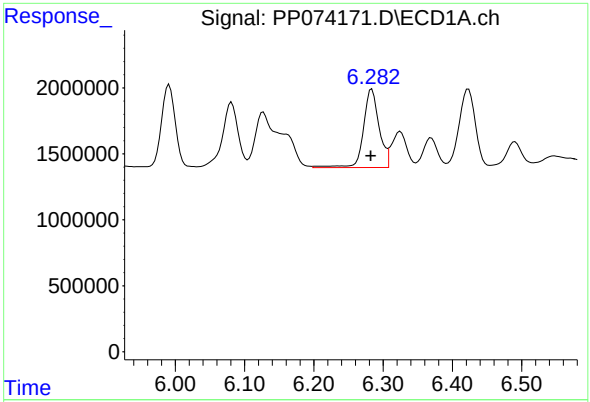
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml



#6 AR-1016-4

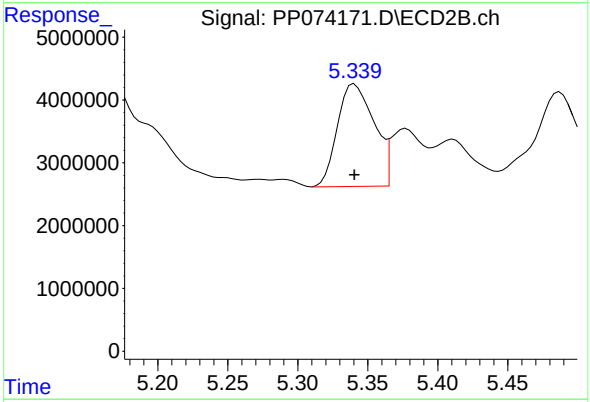
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml



#7 AR-1016-5

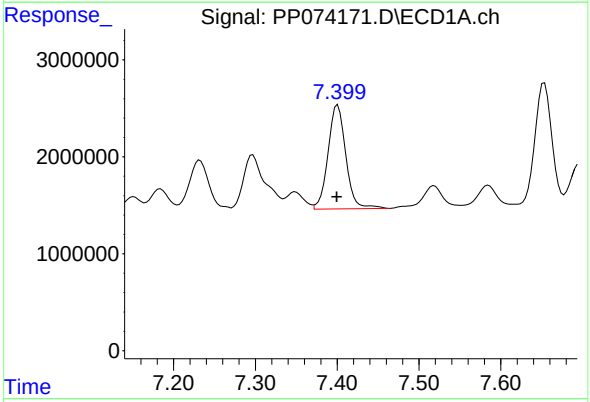
R.T.: 6.284 min
Delta R.T.: 0.001 min
Response: 9320877
Conc: 300.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



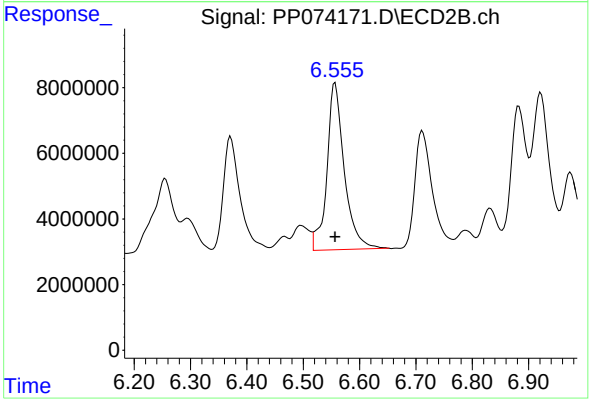
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



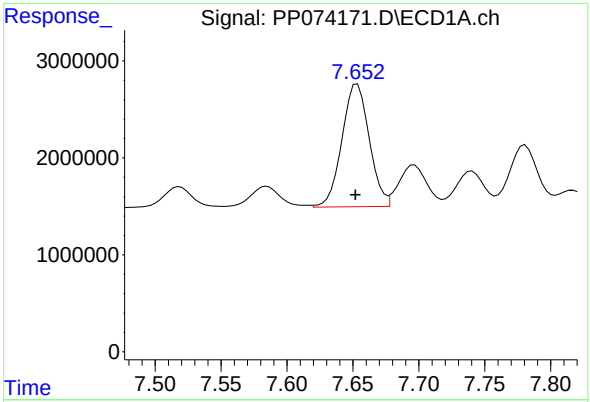
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.001 min
Response: 16203062
Conc: 304.63 ng/ml



#31 AR-1260-1

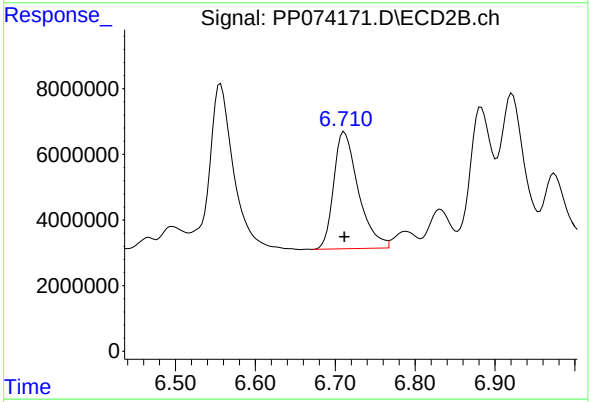
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



#32 AR-1260-2

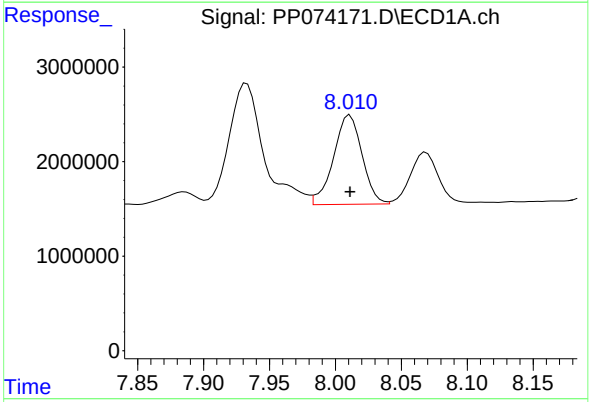
R.T.: 7.653 min
Delta R.T.: 0.001 min
Response: 18253217
Conc: 290.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



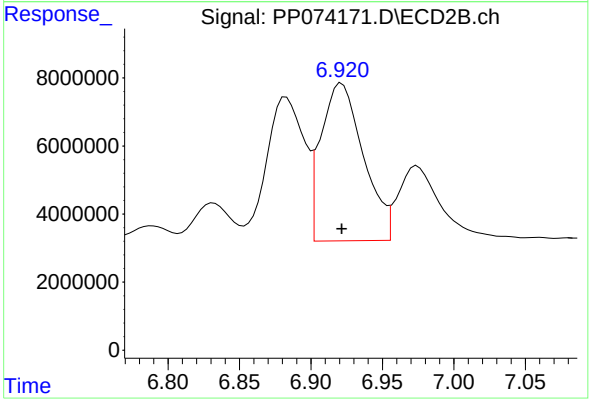
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



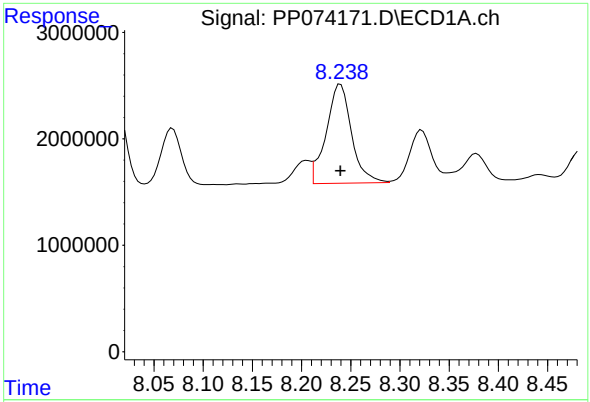
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

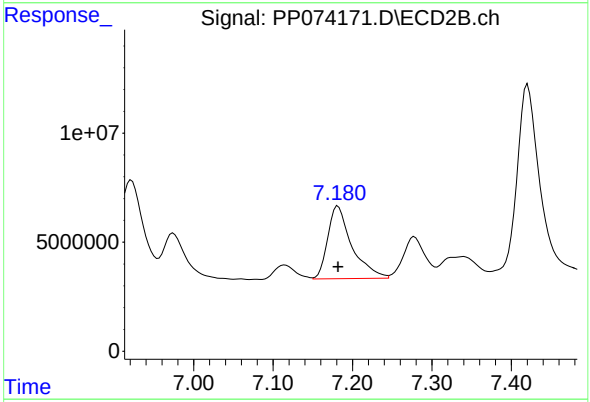
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



#34 AR-1260-4

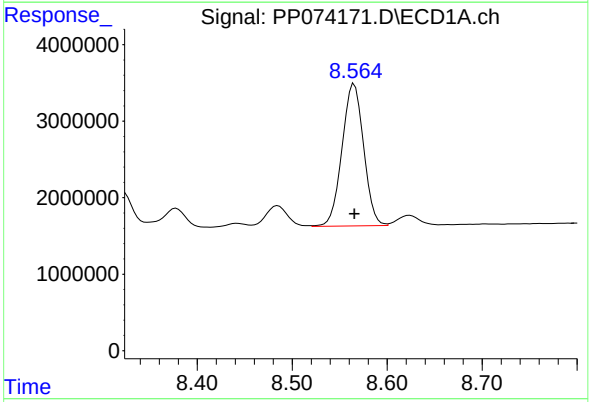
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



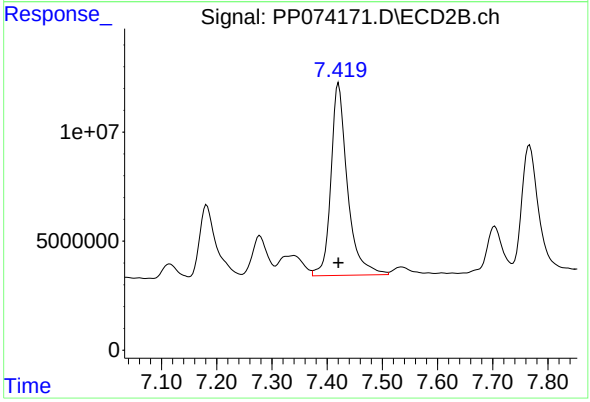
#34 AR-1260-4

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 70195428
Conc: 237.50 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 29333116
Conc: 275.42 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 183122844
Conc: 232.97 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:10
Operator : YP\AJ
Sample : AR1660ICC050
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: Aug 01 13:23:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:23:09 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...	4.659	3.802	5276522	10952936	4.987	2.999	#
2)	SA Decachlor...	10.437	8.824	4796081	22193655	5.142	3.862	
	Target Compounds							
3)	L1 AR-1016-1	5.811	4.904	1988336	14775918	50.869	38.889	
4)	L1 AR-1016-2	5.833	4.962	2791158	7843665	48.821	42.532	
5)	L1 AR-1016-3	5.896	5.082	1878829	4619486	50.167	44.079	
6)	L1 AR-1016-4	5.992	5.122	1465464	4449408	47.568	42.847	
7)	L1 AR-1016-5	6.285	5.337	1456706	4779894	47.504	42.129	
31)	L7 AR-1260-1	7.402	6.554	2907384	16702003	53.839	42.313	
32)	L7 AR-1260-2	7.655	6.708	3290166	11775837	51.766	40.356	
33)	L7 AR-1260-3	8.012	6.918	2515483	13666247	50.078	36.217	#
34)	L7 AR-1260-4	8.241	7.178	2924100	9844627	49.308	35.692	#
35)	L7 AR-1260-5	8.566	7.417	5505858	24685436	51.349	33.928	#

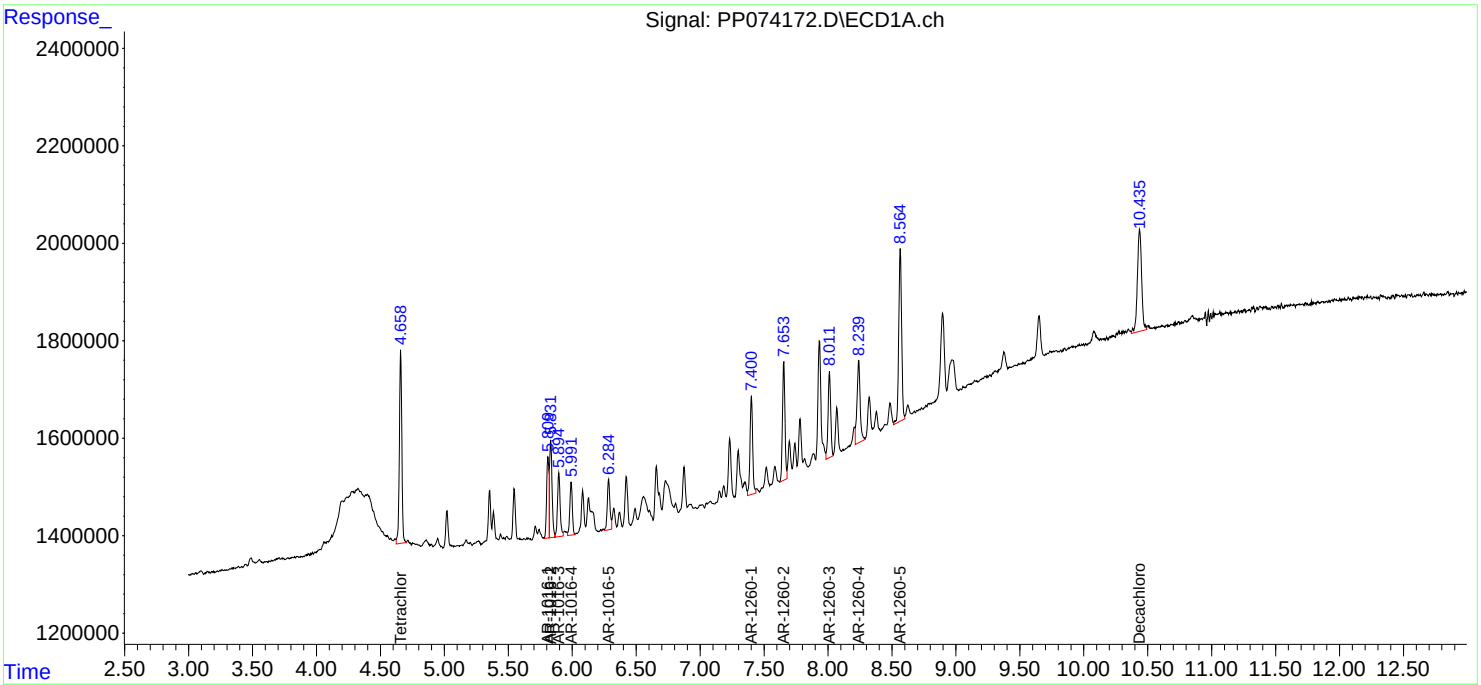
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

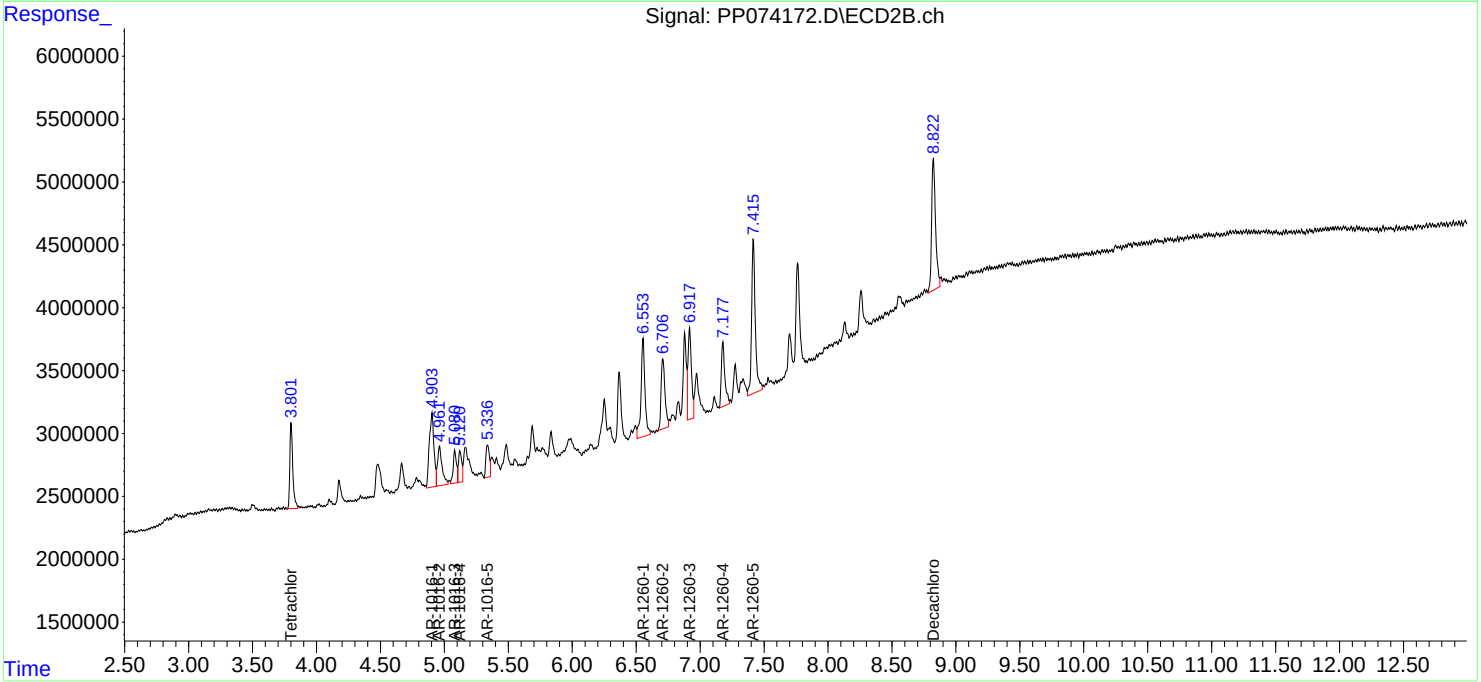
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:10
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

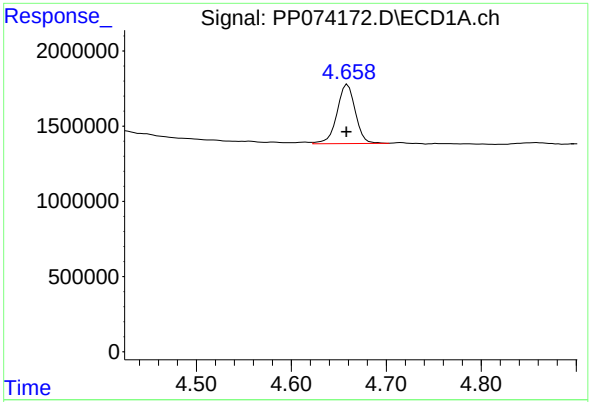
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:23:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:23:09 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



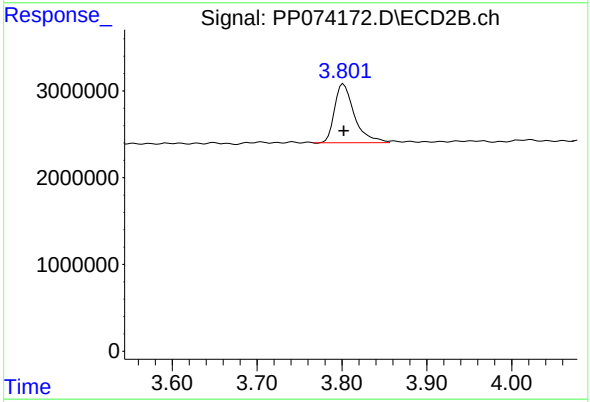




#1 Tetrachloro-m-xylene

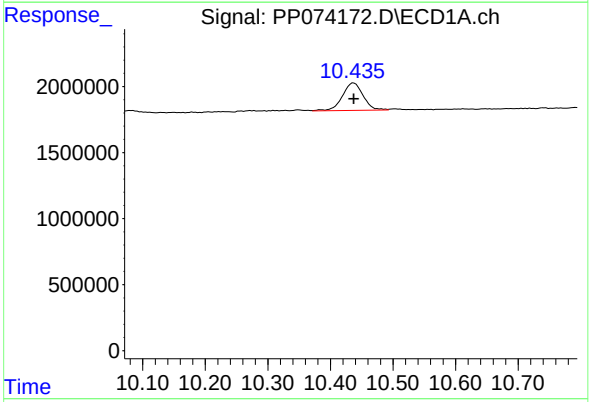
R.T.: 4.659 min
Delta R.T.: 0.001 min
Response: 5276522
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



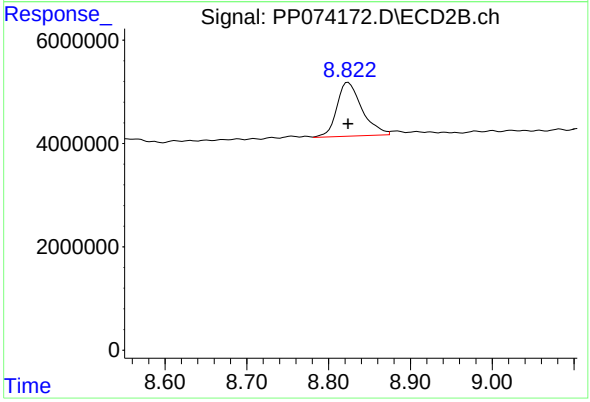
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 10952936
Conc: 3.00 ng/ml



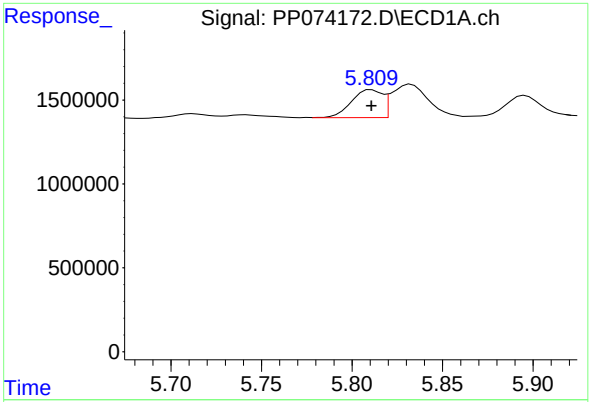
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 4796081
Conc: 5.14 ng/ml



#2 Decachlorobiphenyl

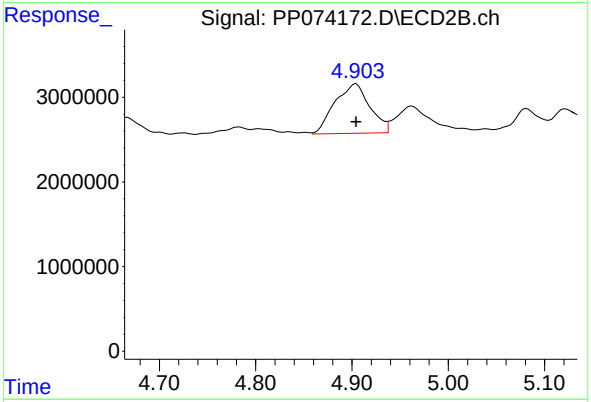
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 22193655
Conc: 3.86 ng/ml



#3 AR-1016-1

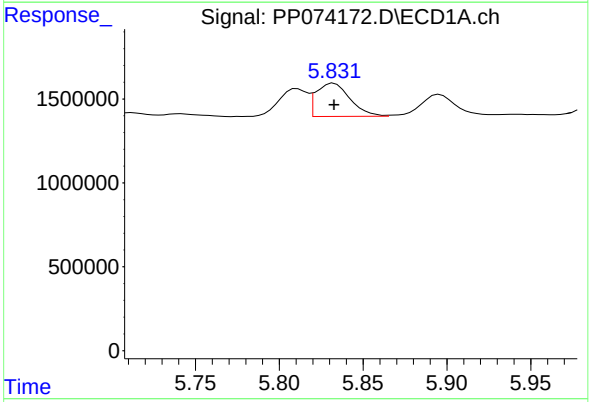
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1988336
Conc: 50.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



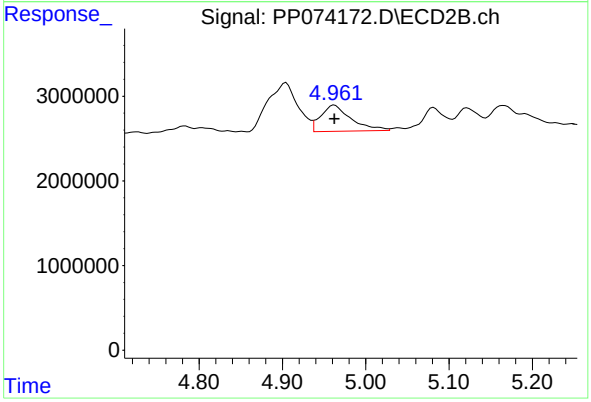
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 14775918
Conc: 38.89 ng/ml



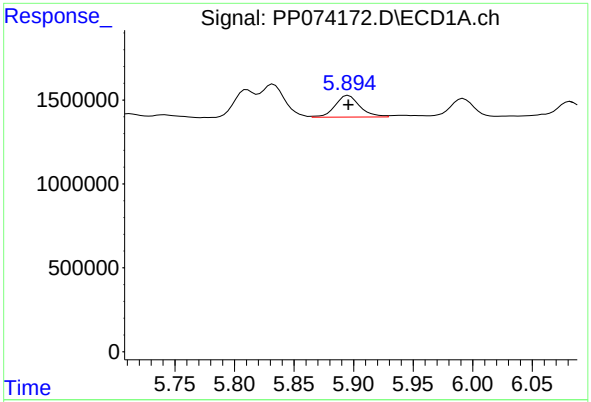
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 2791158
Conc: 48.82 ng/ml



#4 AR-1016-2

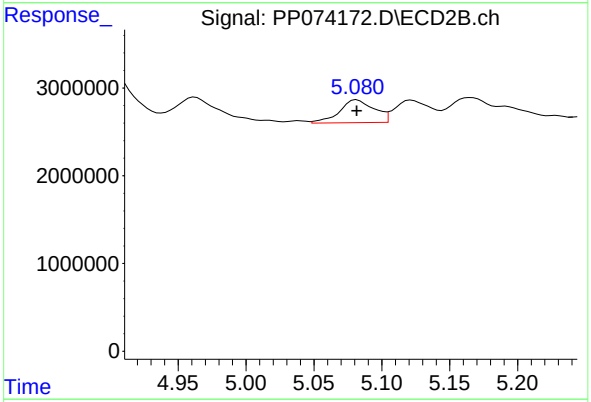
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7843665
Conc: 42.53 ng/ml



#5 AR-1016-3

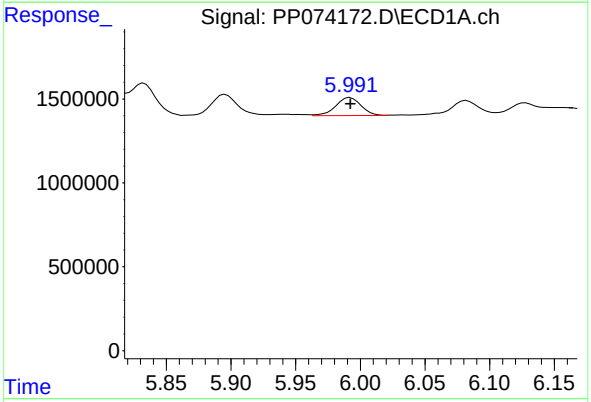
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1878829
Conc: 50.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



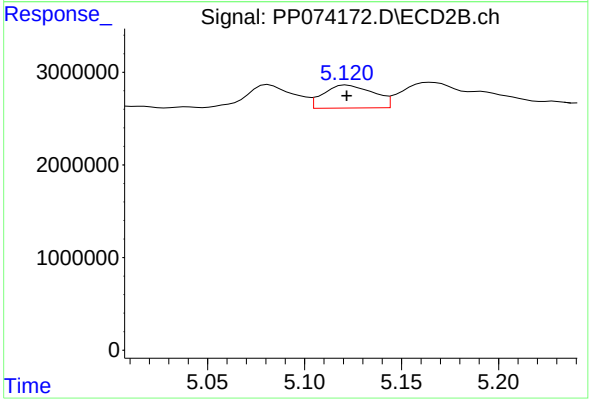
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4619486
Conc: 44.08 ng/ml



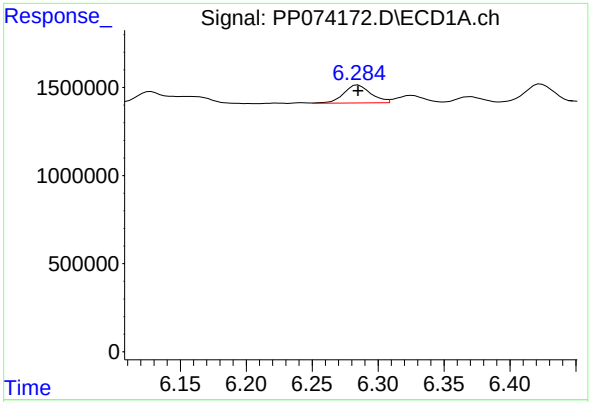
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 1465464
Conc: 47.57 ng/ml



#6 AR-1016-4

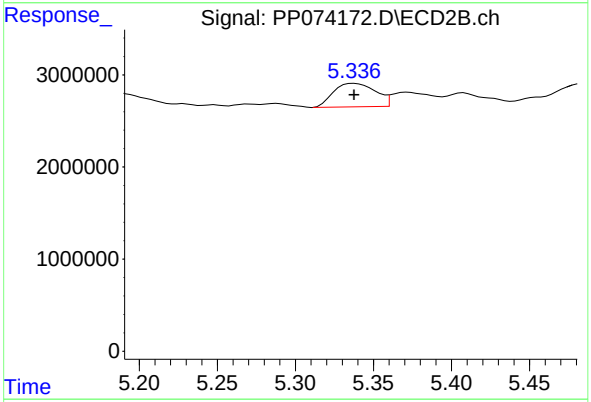
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 4449408
Conc: 42.85 ng/ml



#7 AR-1016-5

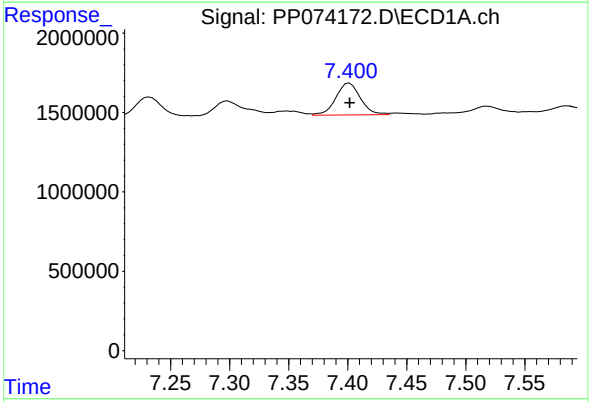
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 1456706
Conc: 47.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



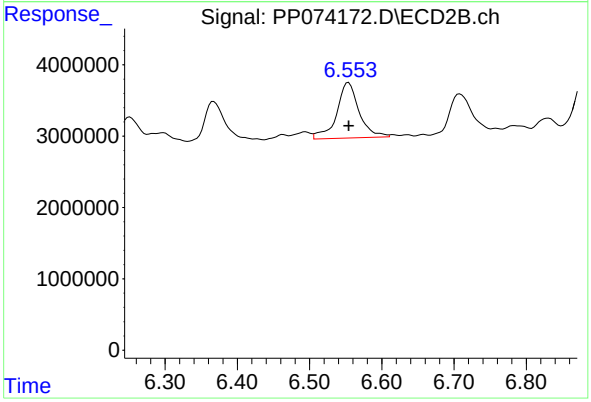
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 4779894
Conc: 42.13 ng/ml



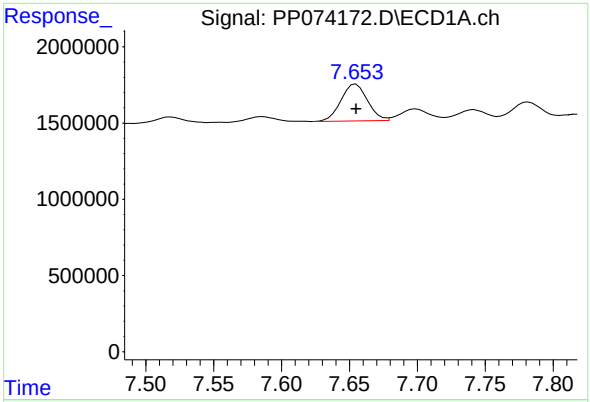
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2907384
Conc: 53.84 ng/ml



#31 AR-1260-1

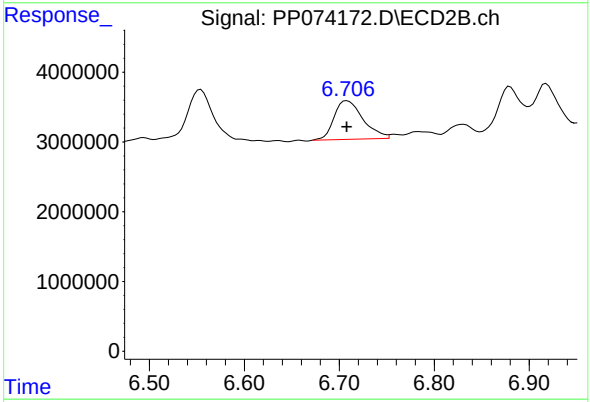
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 16702003
Conc: 42.31 ng/ml



#32 AR-1260-2

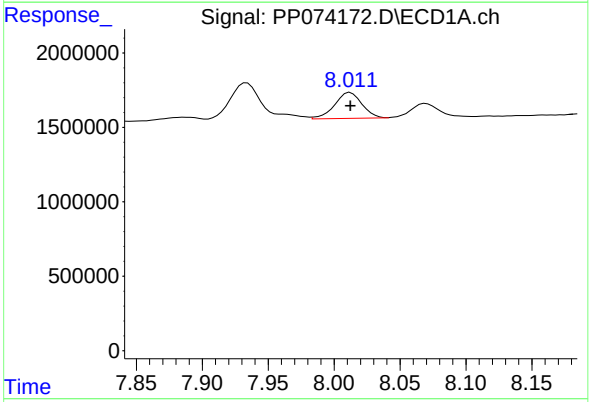
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 3290166
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



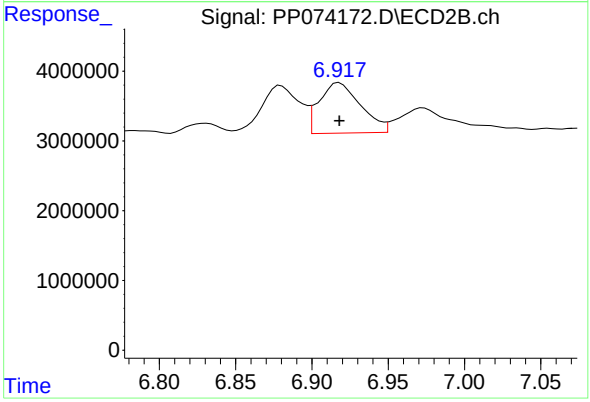
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 11775837
Conc: 40.36 ng/ml



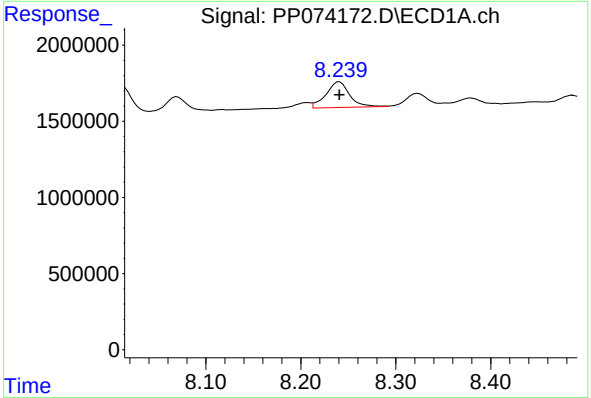
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 2515483
Conc: 50.08 ng/ml



#33 AR-1260-3

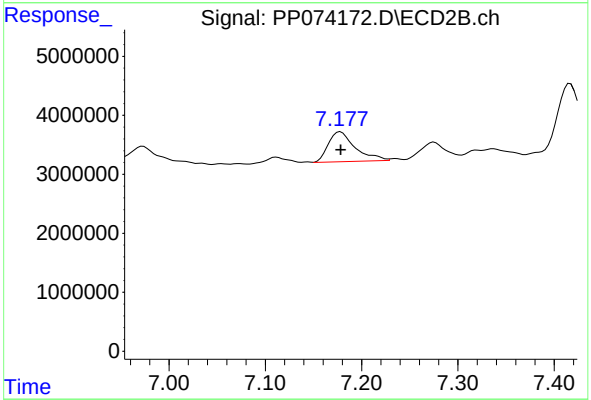
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 13666247
Conc: 36.22 ng/ml



#34 AR-1260-4

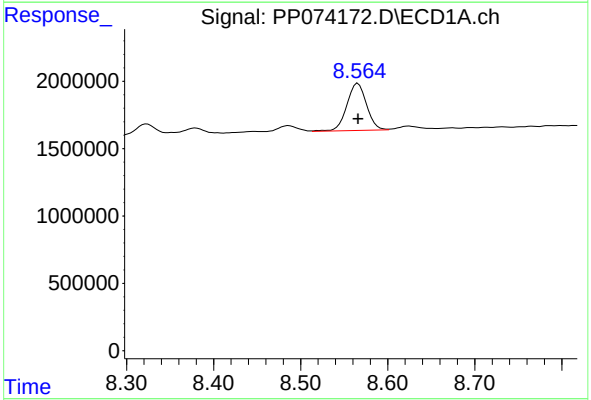
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 2924100
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



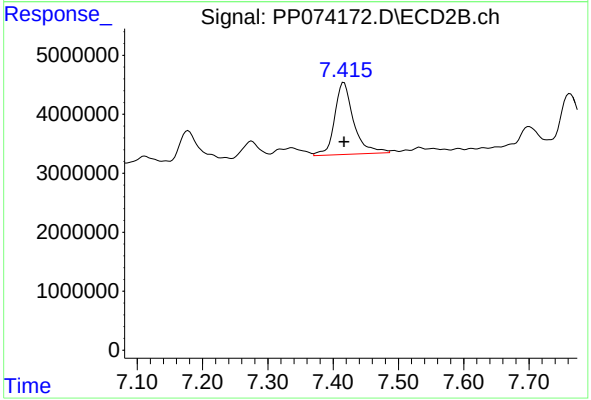
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 9844627
Conc: 35.69 ng/ml



#35 AR-1260-5

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 5505858
Conc: 51.35 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 24685436
Conc: 33.93 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
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: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 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...	4.660	3.804	54684846	201.8E6	50.000	50.000
2)	SA Decachlor...	10.437	8.826	47117835	301.0E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.858	4.015	5316620	14977475	317.152	305.132
9)	L2 AR-1221-2	4.945	4.101	4648979	12599168	368.936	351.056
10)	L2 AR-1221-3	5.020	4.177	14518661	50681220	396.303	374.793
11)	L3 AR-1232-1	5.020	4.177	14518661	50681220	500.000	500.000
12)	L3 AR-1232-2	5.546	4.904	7521357	87133099	500.000	500.000
13)	L3 AR-1232-3	5.832	5.081	14500854	22908311	500.000	500.000
14)	L3 AR-1232-4	5.993	5.165	7734413	36297070	500.000	628.698 #
15)	L3 AR-1232-5	6.082	5.338	5858006	23489726	500.000	500.000

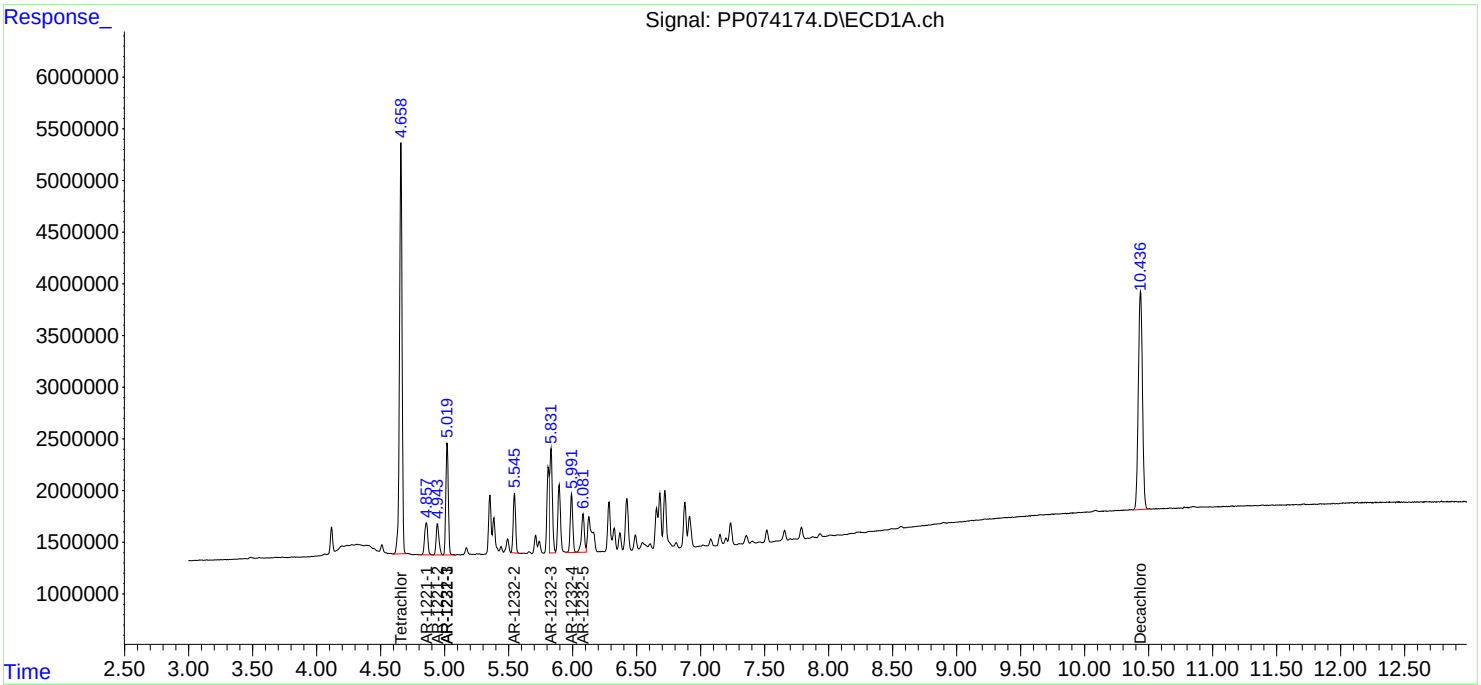
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

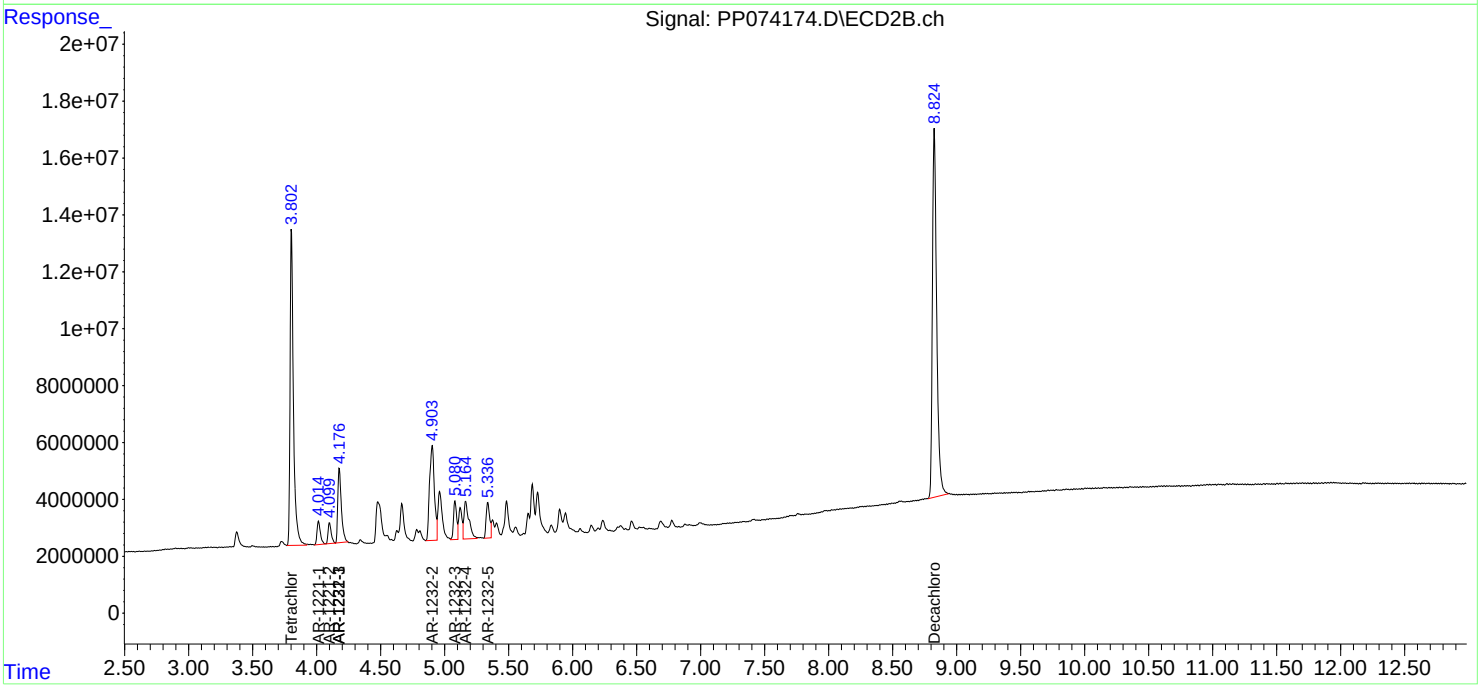
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

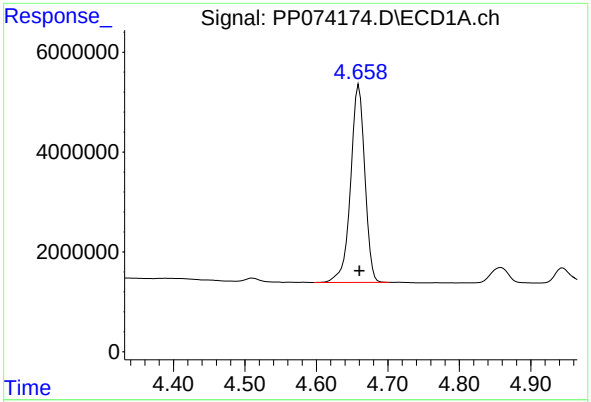
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 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



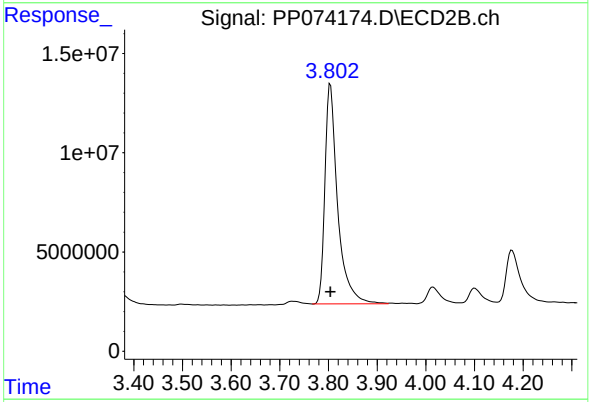




#1 Tetrachloro-m-xylene

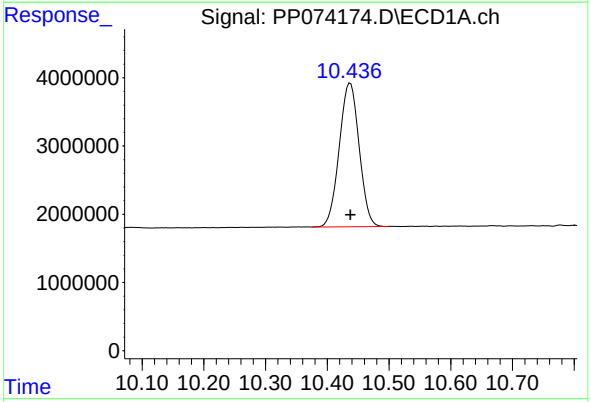
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



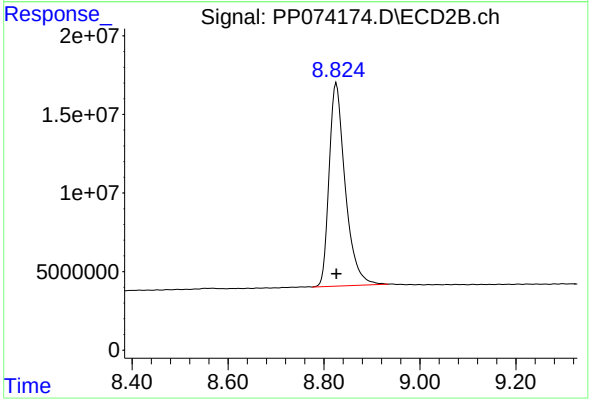
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



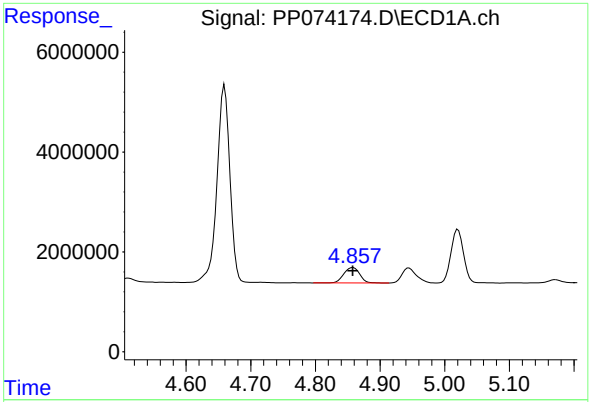
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

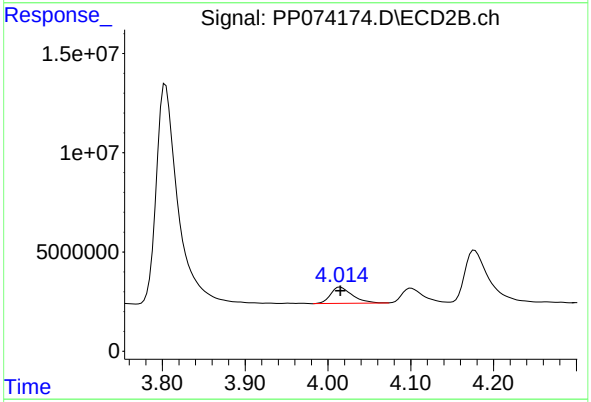
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



#8 AR-1221-1

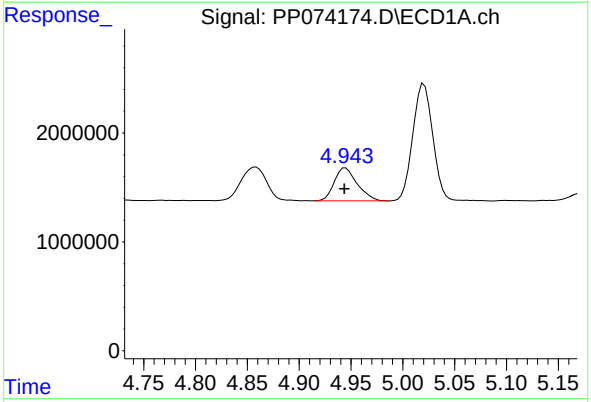
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 5316620
Conc: 317.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



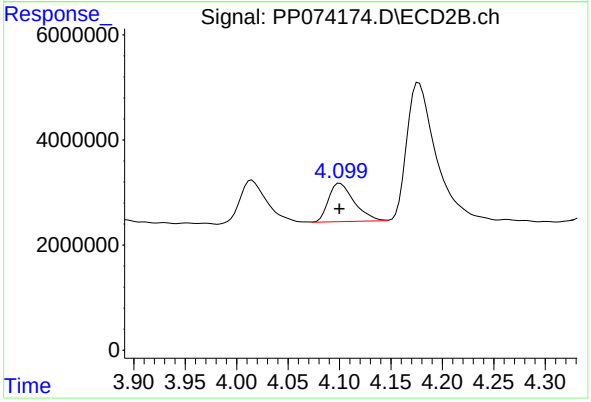
#8 AR-1221-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 14977475
Conc: 305.13 ng/ml



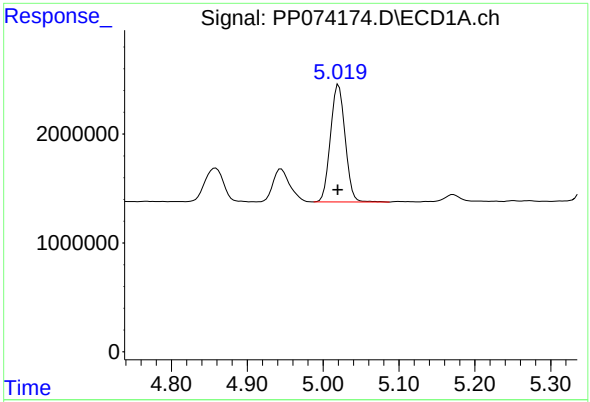
#9 AR-1221-2

R.T.: 4.945 min
Delta R.T.: 0.001 min
Response: 4648979
Conc: 368.94 ng/ml



#9 AR-1221-2

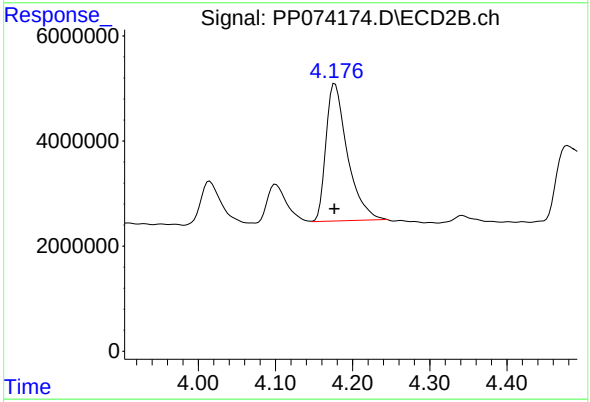
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 12599168
Conc: 351.06 ng/ml



#10 AR-1221-3

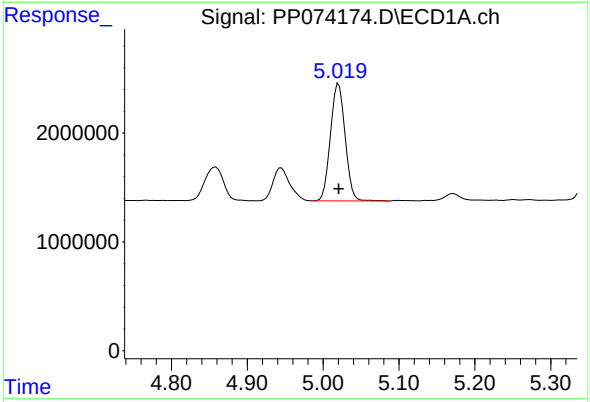
R.T.: 5.020 min
Delta R.T.: 0.001 min
Response: 14518661
Conc: 396.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



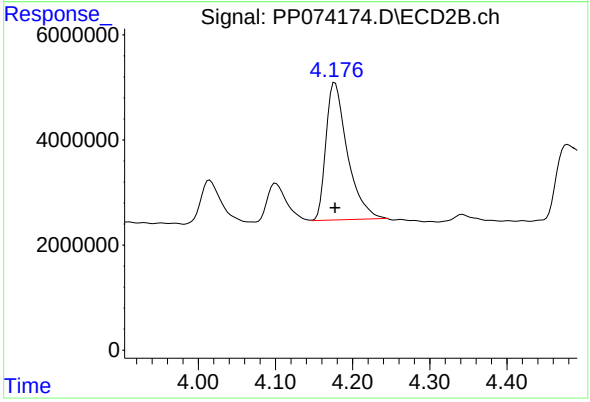
#10 AR-1221-3

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 374.79 ng/ml



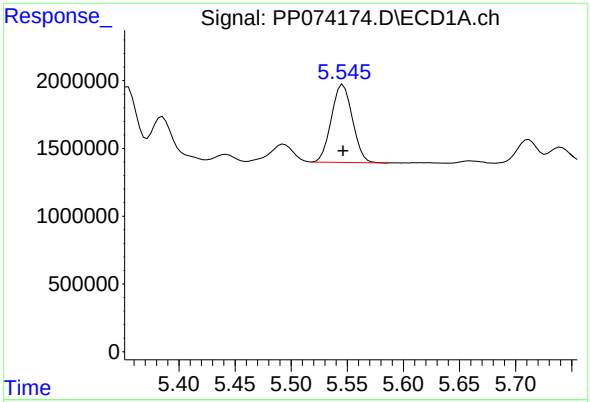
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml



#11 AR-1232-1

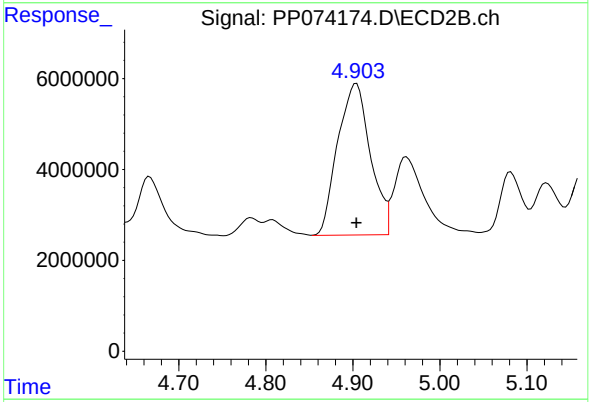
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



#12 AR-1232-2

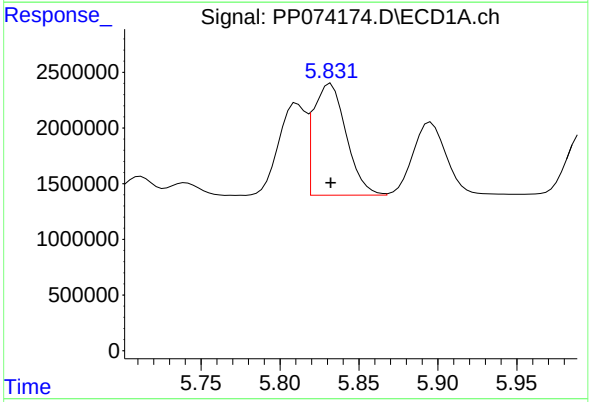
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



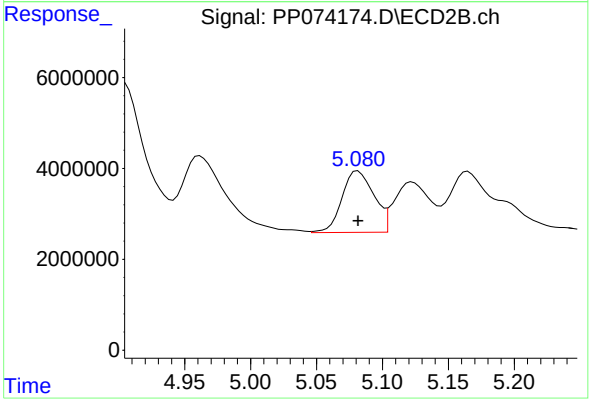
#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml



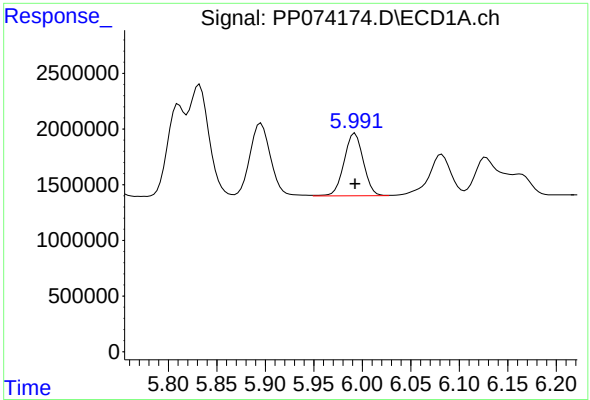
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml



#13 AR-1232-3

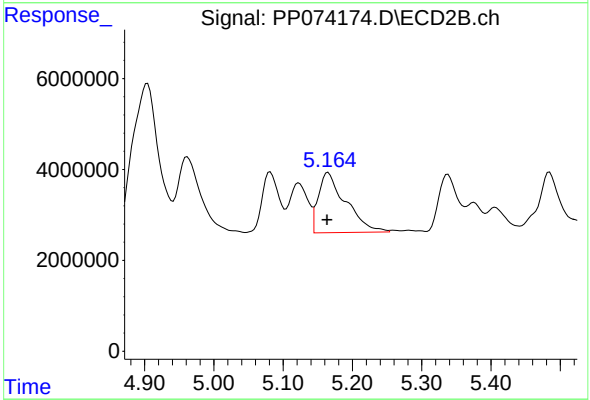
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml



#14 AR-1232-4

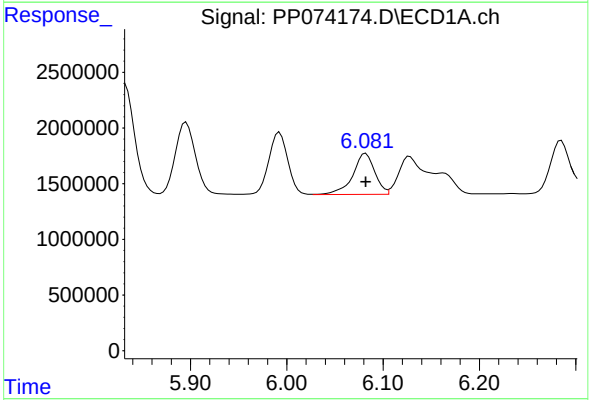
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



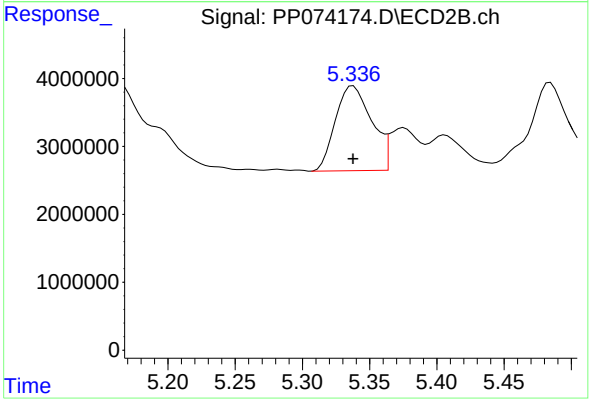
#14 AR-1232-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 36297070
Conc: 628.70 ng/ml



#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 5858006
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 23489726
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
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: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.659	3.804	104.3E6	438.1E6	95.872	101.577
2)	SA Decachlor...	10.436	8.825	88078600	618.2E6	94.444	98.714
	Target Compounds						
16)	L4 AR-1242-1	5.811	4.905	31512428	341.3E6	934.658	978.632
17)	L4 AR-1242-2	5.832	4.962	47421171	162.7E6	943.850	992.758
18)	L4 AR-1242-3	5.896	5.082	30290298	93075141	931.794	1005.327
19)	L4 AR-1242-4	5.992	5.165	25177060	162.5E6	934.754	1303.690 #
20)	L4 AR-1242-5	6.721	5.686	29128304	140.7E6	916.924	973.631

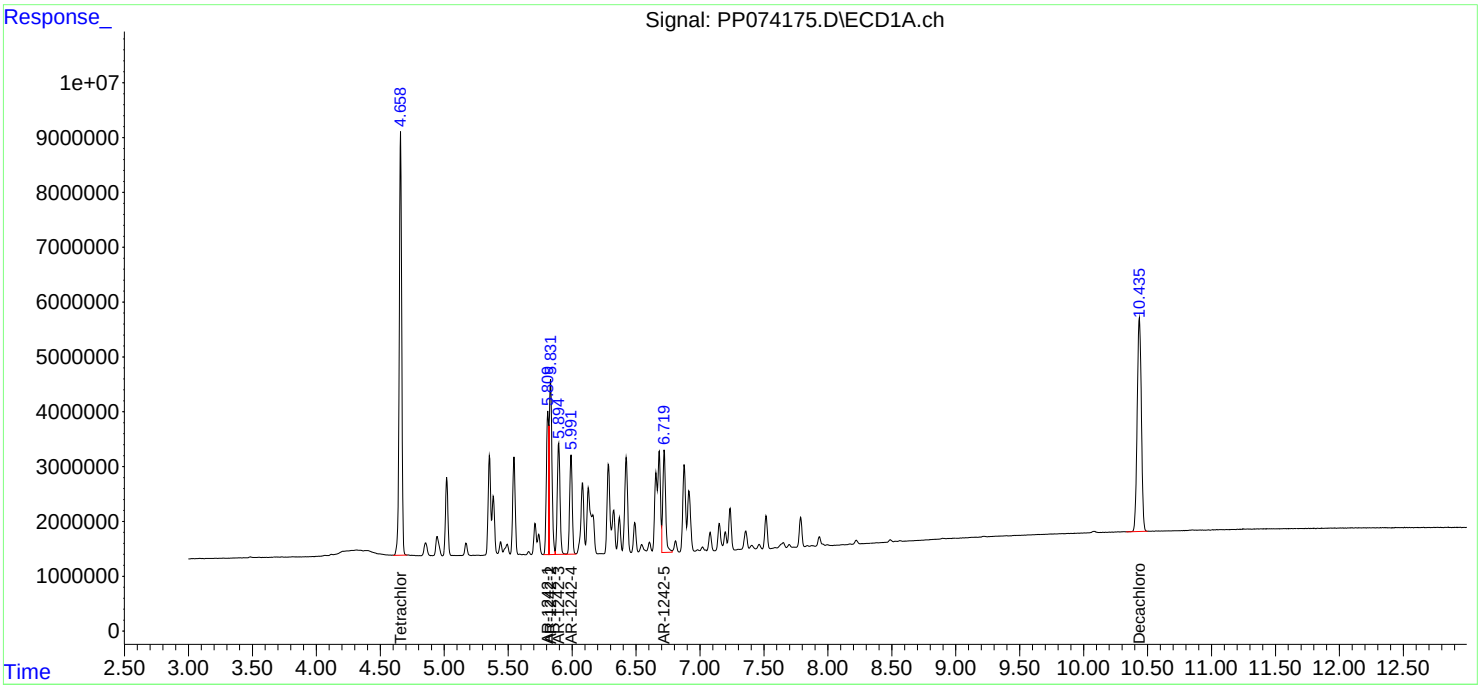
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

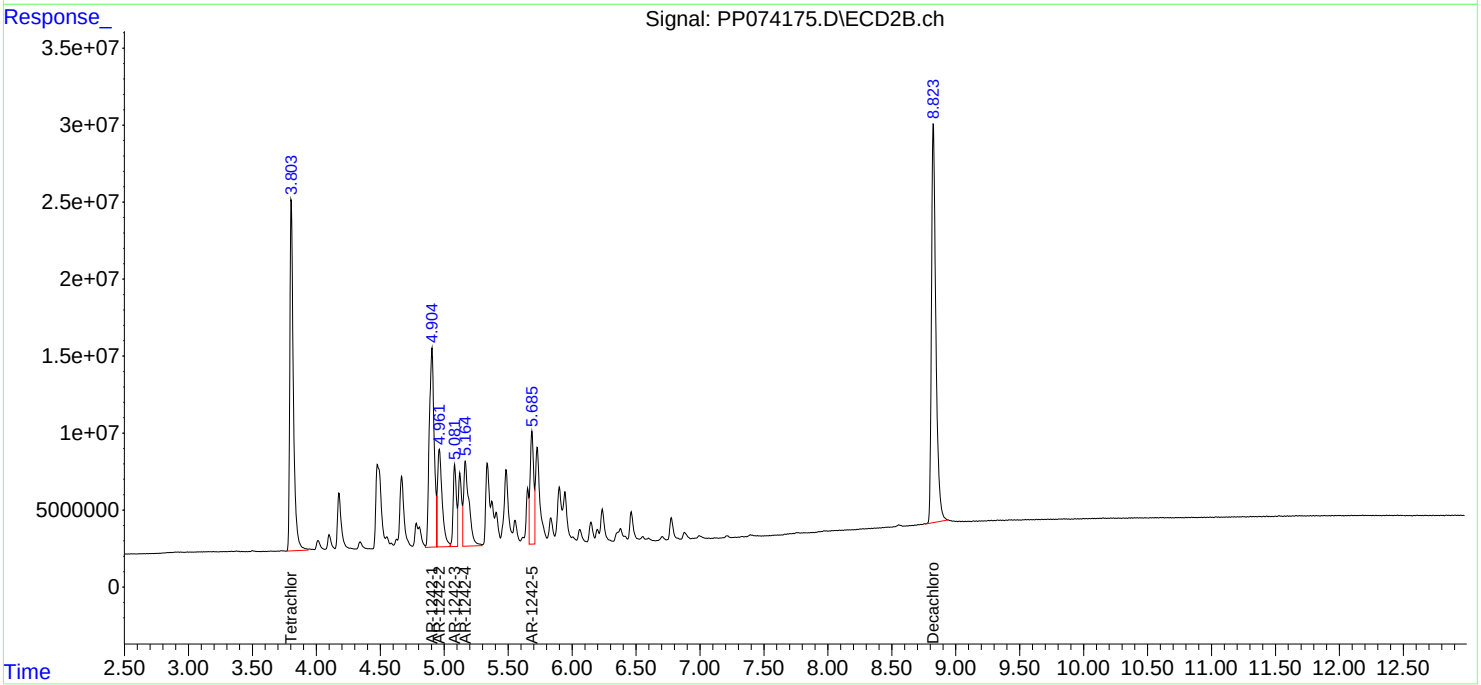
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

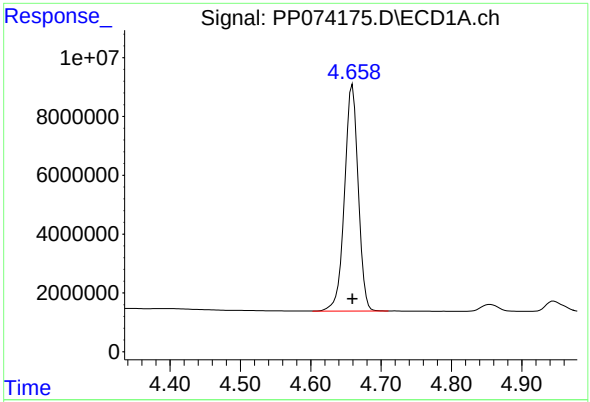
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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



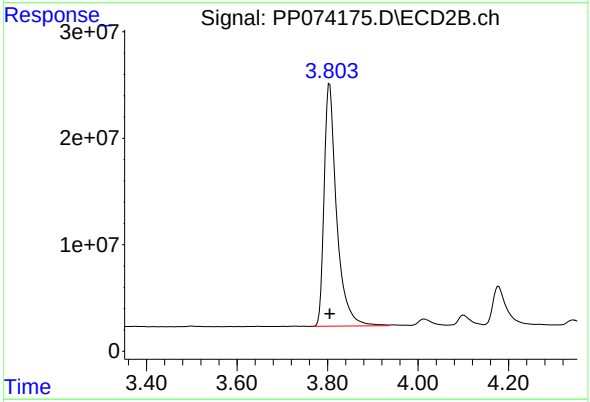




#1 Tetrachloro-m-xylene

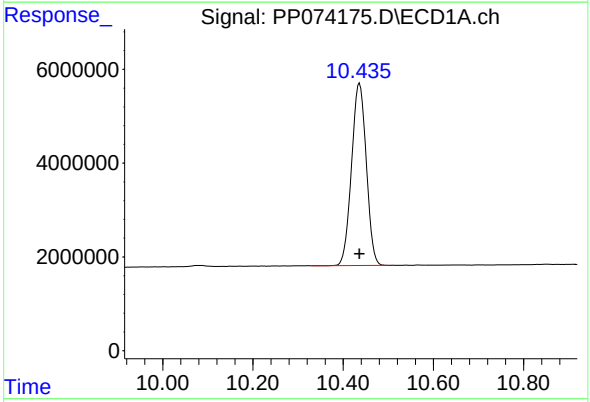
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



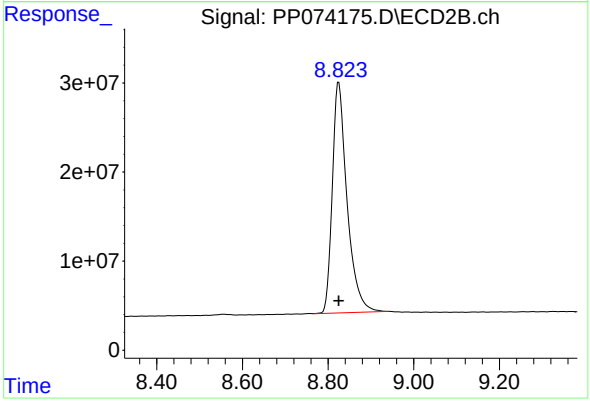
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml



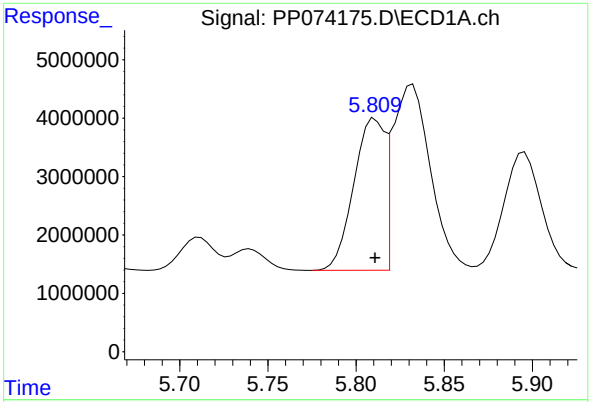
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml



#2 Decachlorobiphenyl

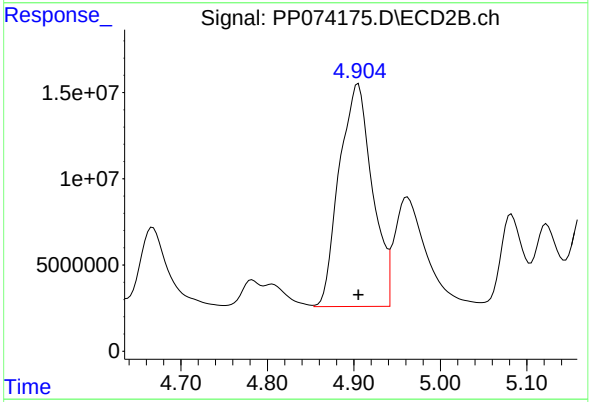
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml



#16 AR-1242-1

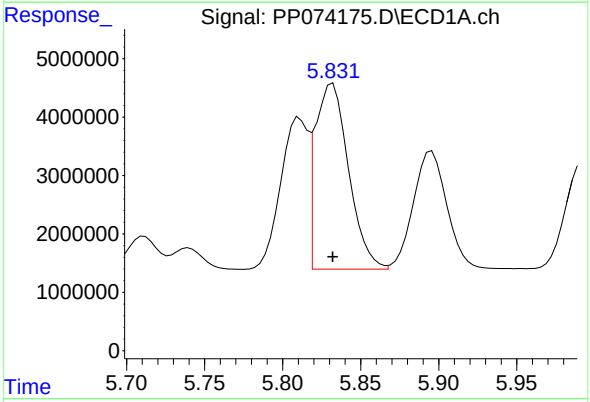
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



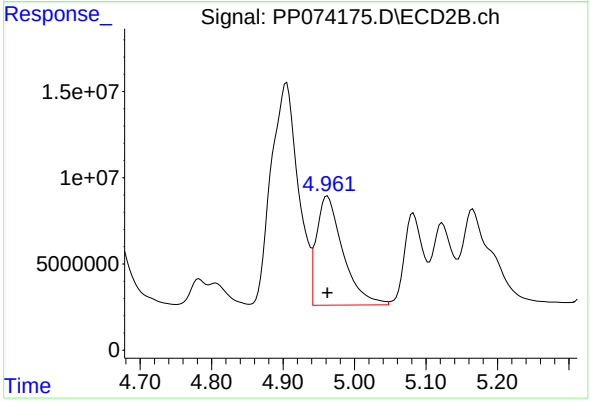
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml



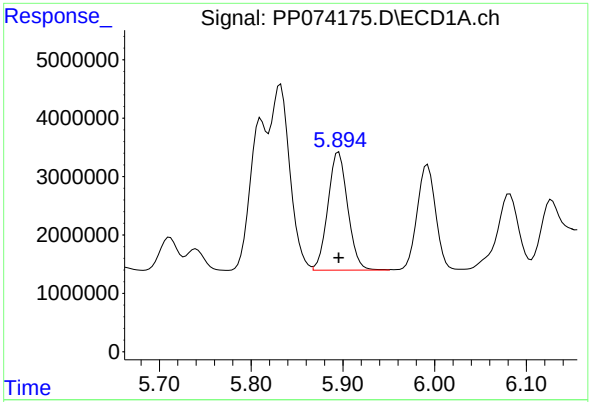
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml



#17 AR-1242-2

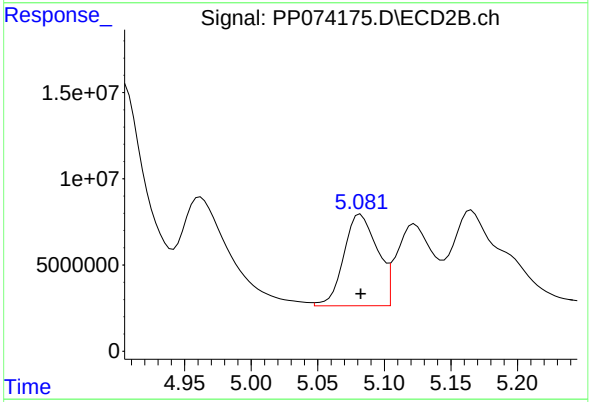
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml



#18 AR-1242-3

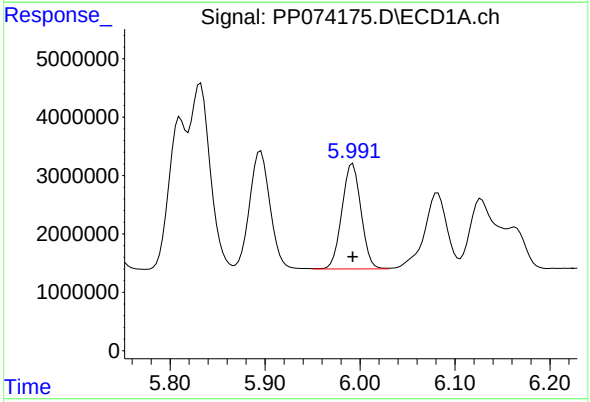
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



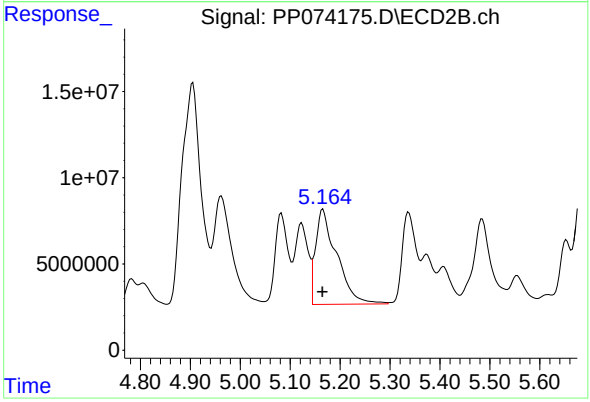
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml



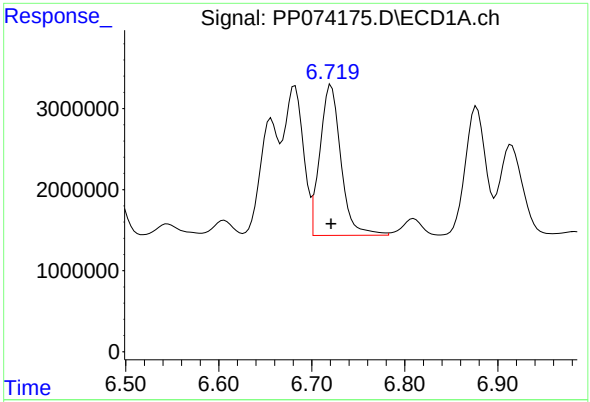
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml



#19 AR-1242-4

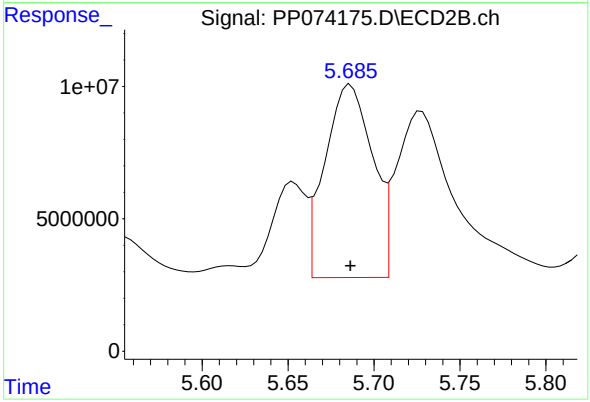
R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 162521092
Conc: 1303.69 ng/ml



#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 29128304
Conc: 916.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 140731652
Conc: 973.63 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
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: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.662	3.803	80676637	324.0E6	74.425	75.083
2)	SA Decachlor...	10.438	8.824	68962955	464.9E6	74.295	74.485
	Target Compounds						
16)	L4 AR-1242-1	5.813	4.904	25064705	261.4E6	745.599	749.732
17)	L4 AR-1242-2	5.835	4.960	37017188	128.7E6	741.131	773.381
18)	L4 AR-1242-3	5.898	5.081	24057234	72718391	743.338	773.266
19)	L4 AR-1242-4	5.995	5.164	19974989	130.9E6	744.389	1065.577 #
20)	L4 AR-1242-5	6.724	5.685	24065795	114.3E6	755.025	776.822

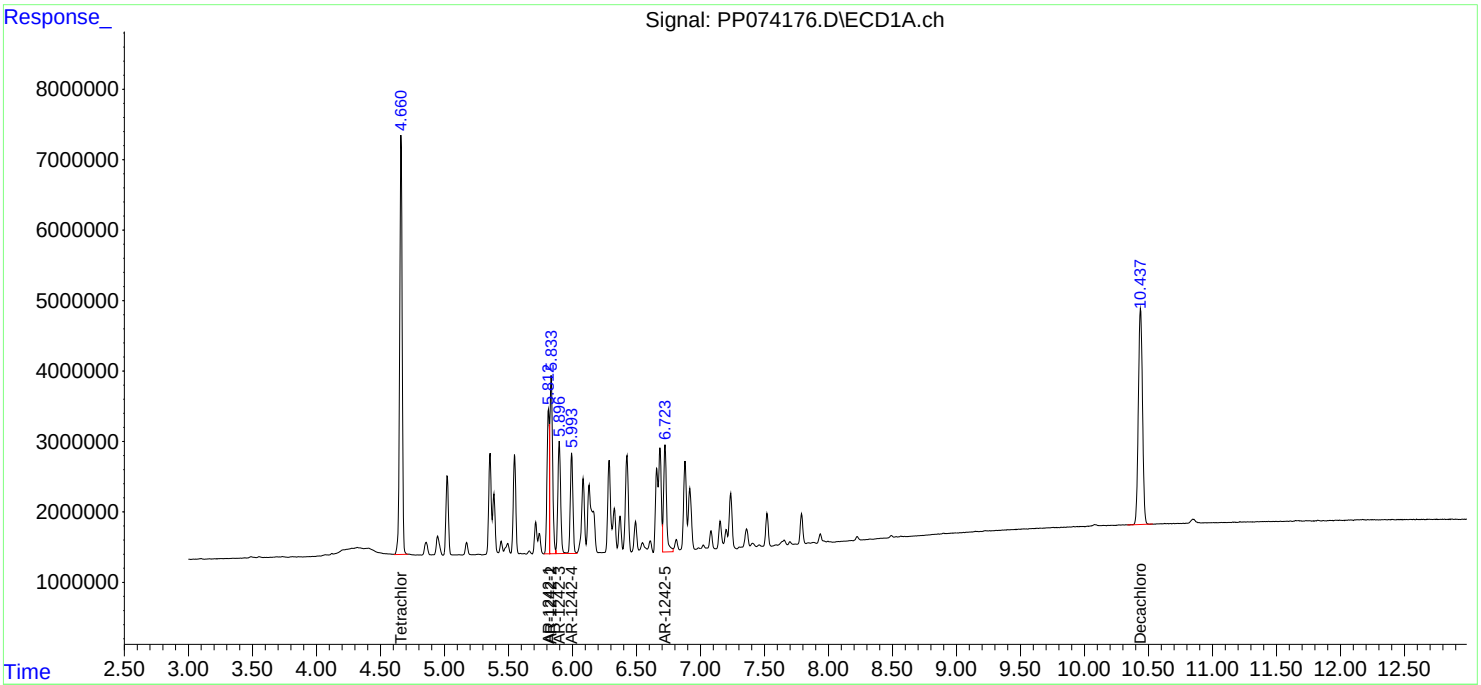
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

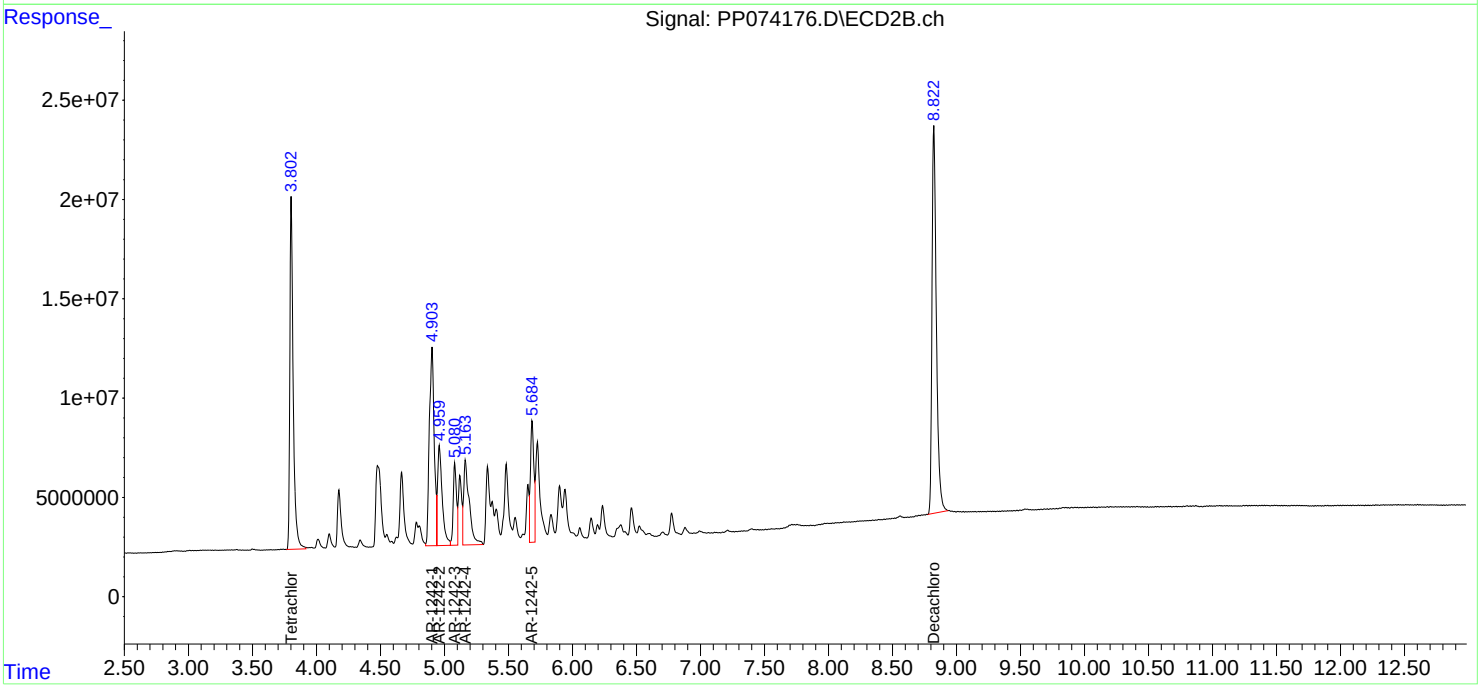
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

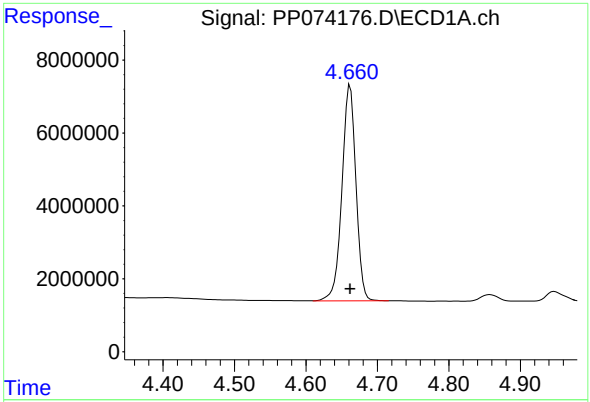
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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



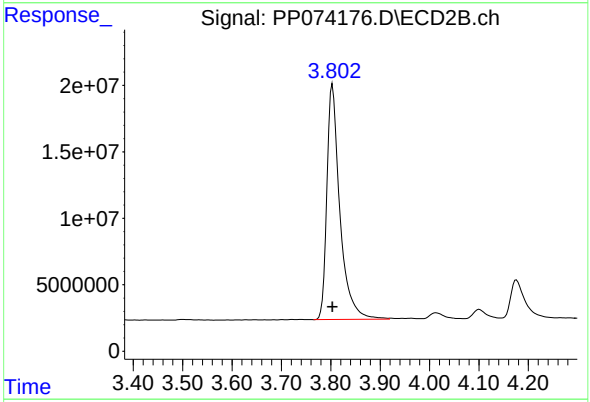




#1 Tetrachloro-m-xylene

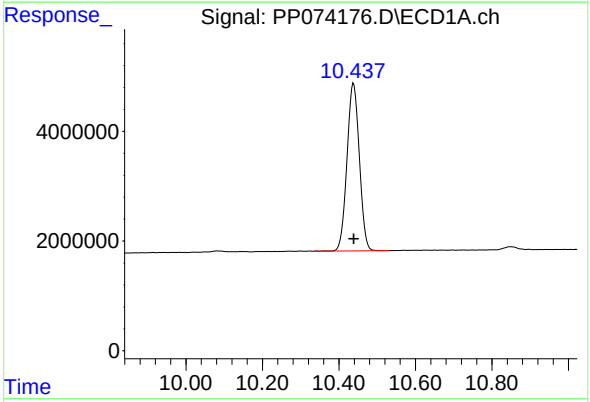
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



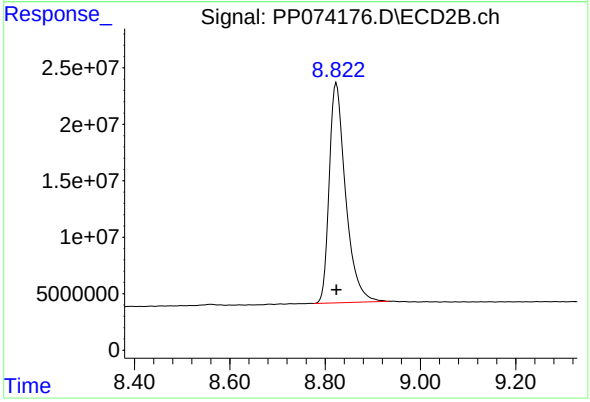
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml



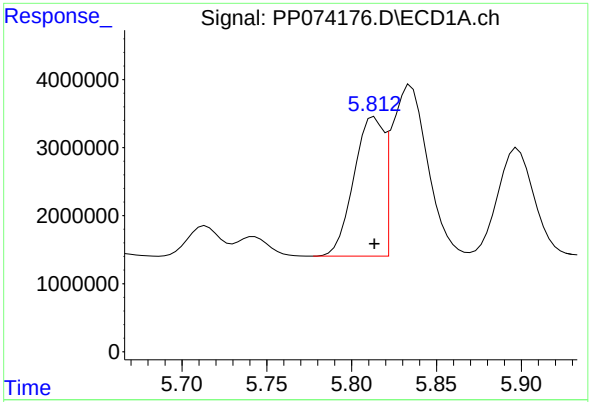
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml



#2 Decachlorobiphenyl

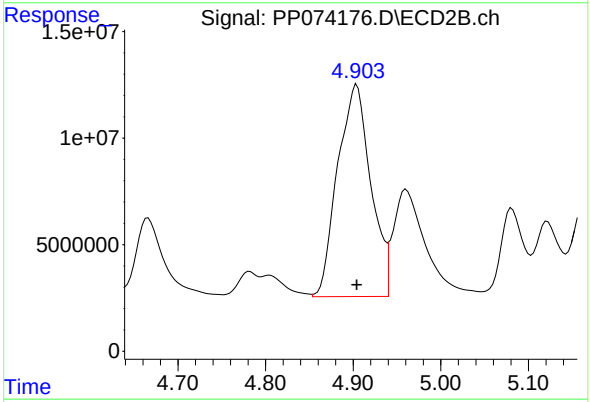
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



#16 AR-1242-1

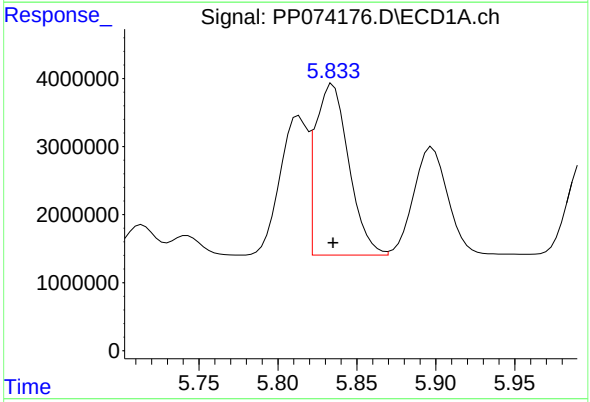
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



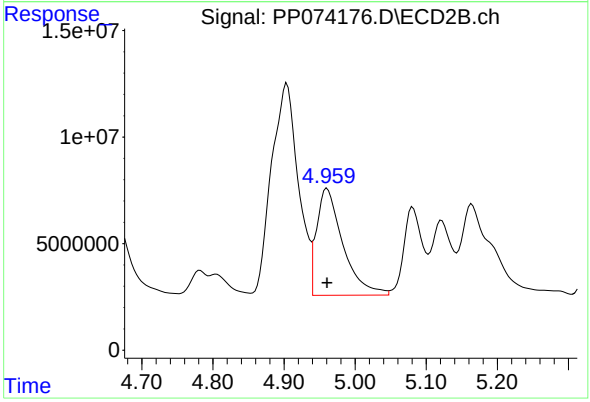
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



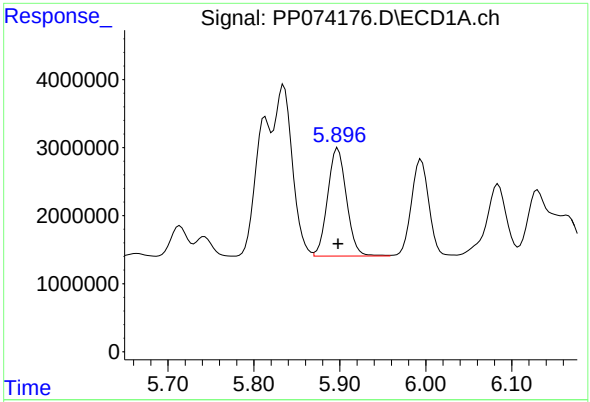
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

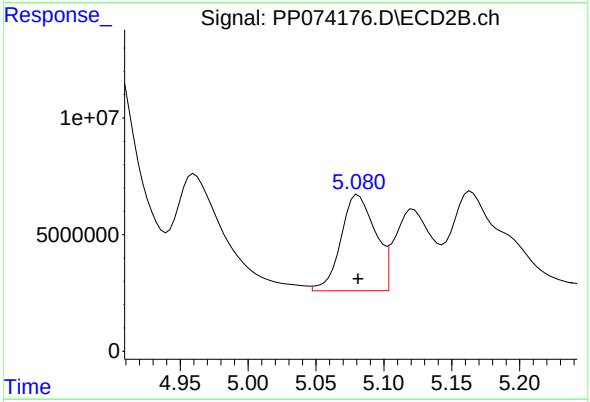
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



#18 AR-1242-3

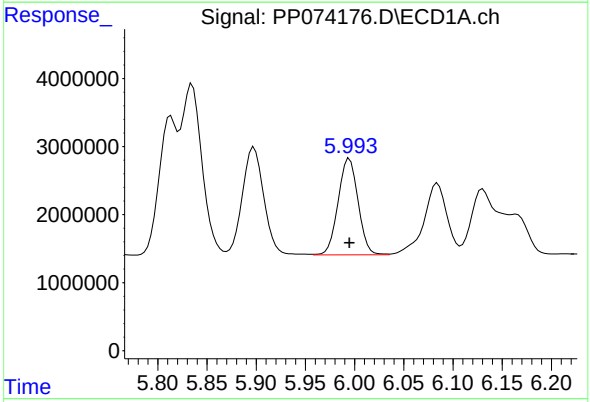
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



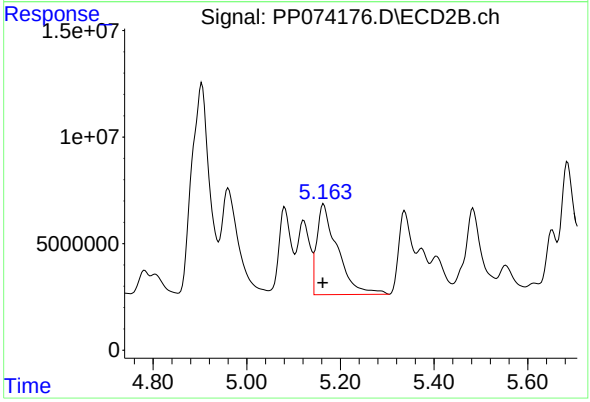
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



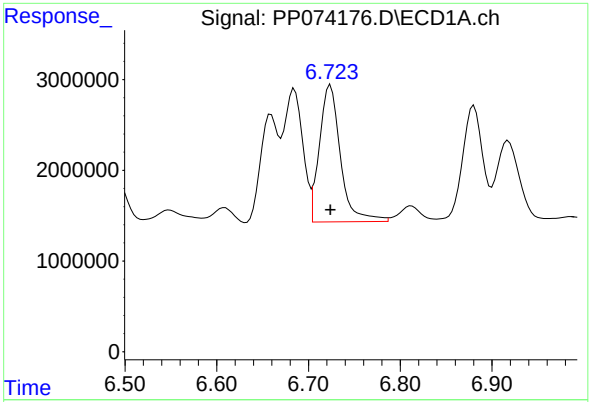
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

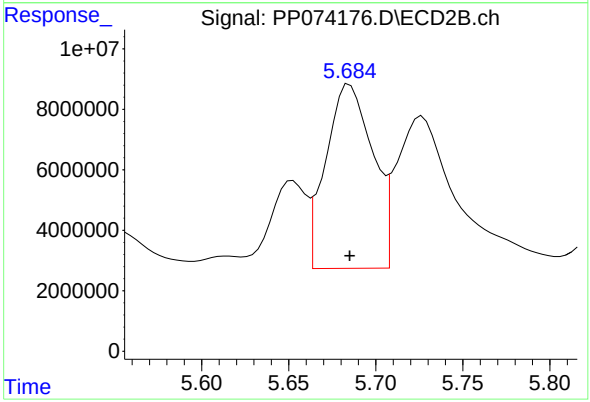
R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 130863576
Conc: 1065.58 ng/ml



#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 24065795
Conc: 755.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 114328693
Conc: 776.82 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
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: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.657	3.805	56653742	212.2E6	50.000	50.000
2)	SA Decachlor...	10.434	8.826	49220928	317.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.808	4.905	17959256	178.1E6	500.000	500.000
17)	L4 AR-1242-2	5.830	4.963	26531667	82516708	500.000	500.000
18)	L4 AR-1242-3	5.893	5.084	17362372	46044427	500.000	500.000
19)	L4 AR-1242-4	5.990	5.166	14345906	81425101	500.000	651.170 #
20)	L4 AR-1242-5	6.719	5.687	17203244	74177320	500.000	500.000

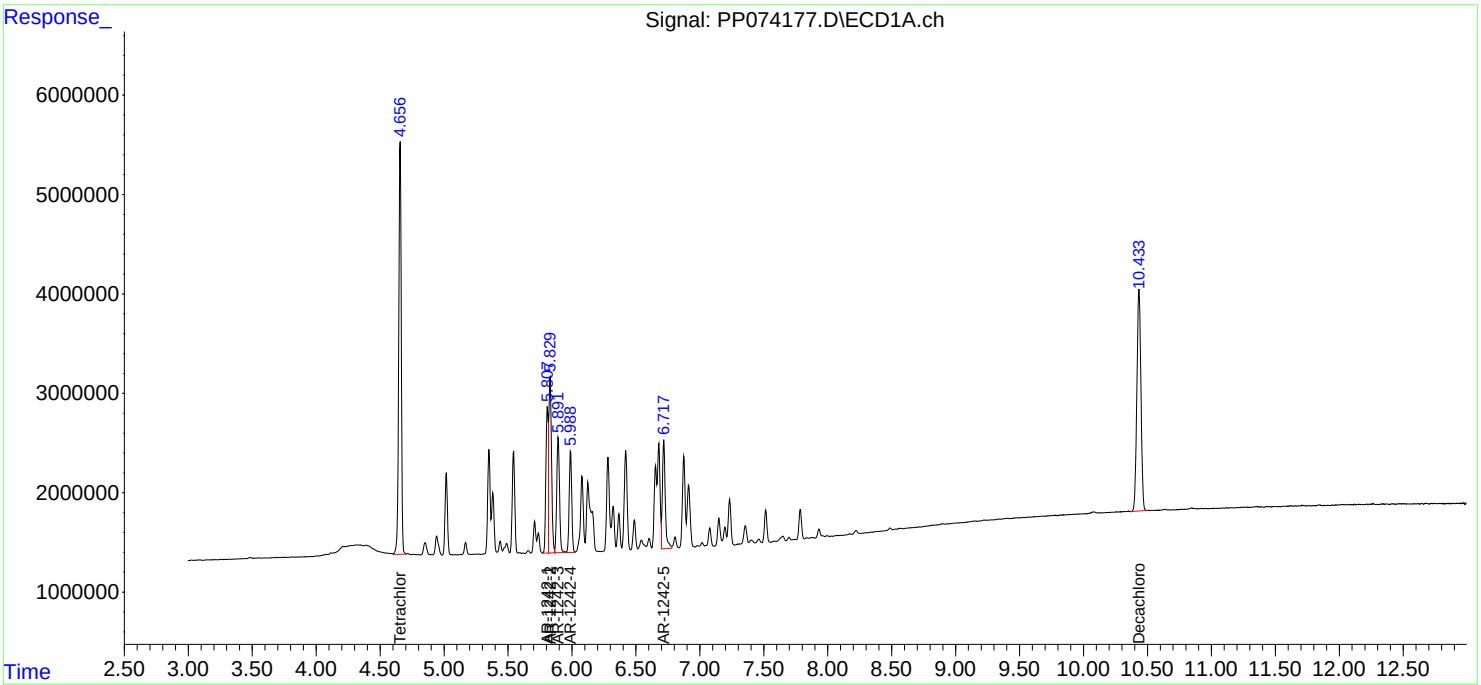
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

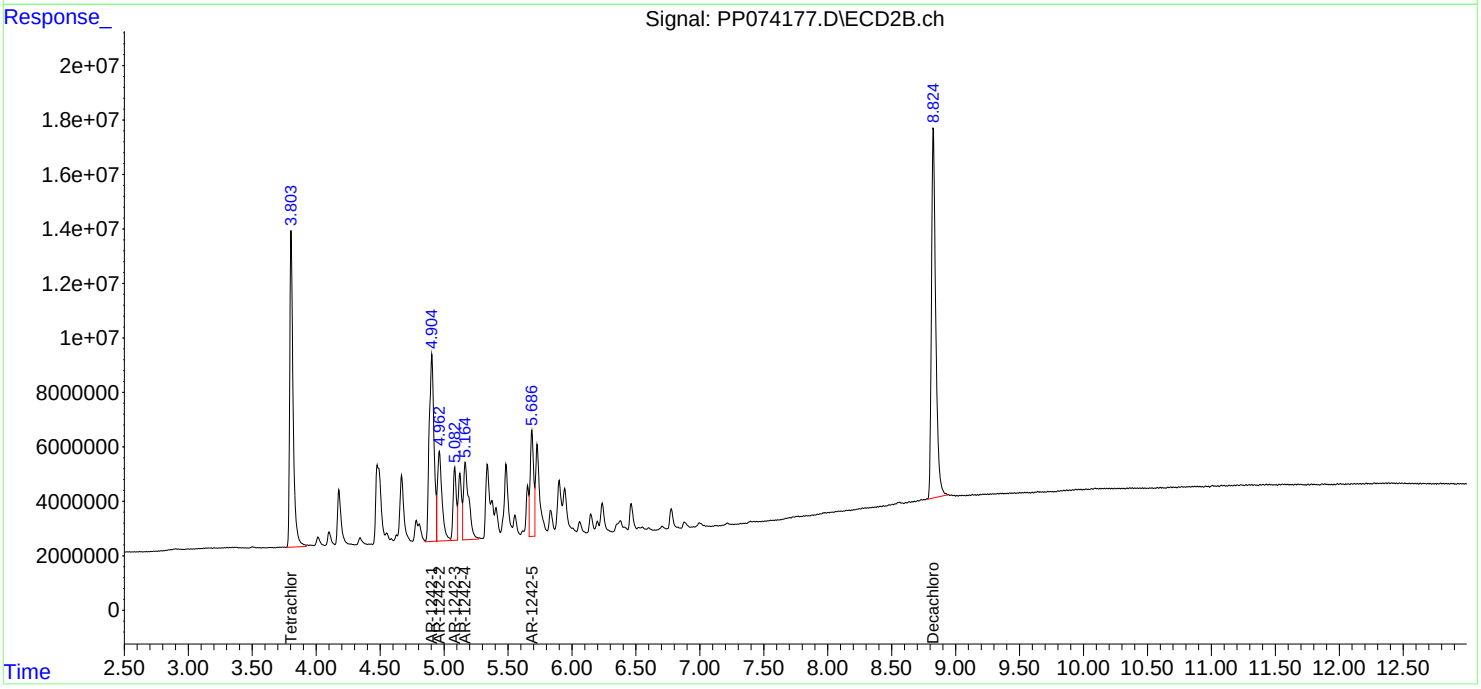
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

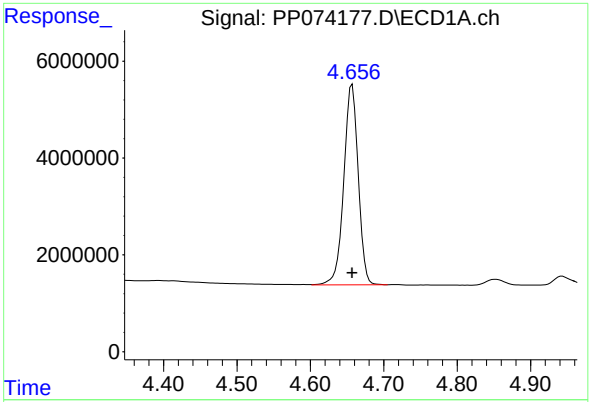
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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



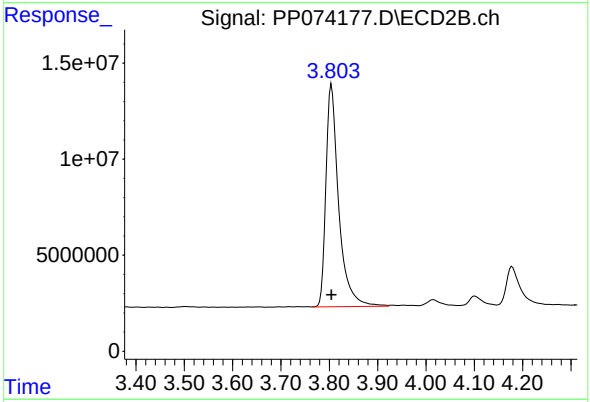




#1 Tetrachloro-m-xylene

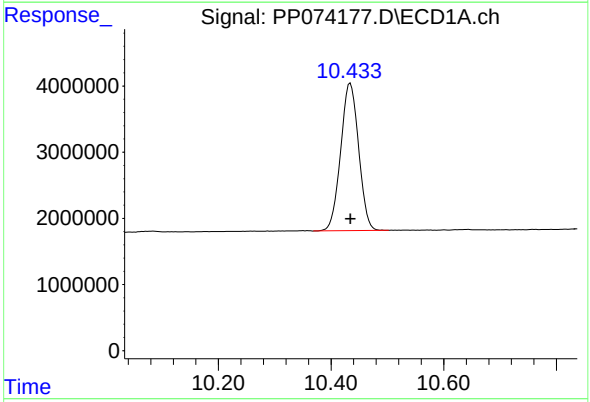
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



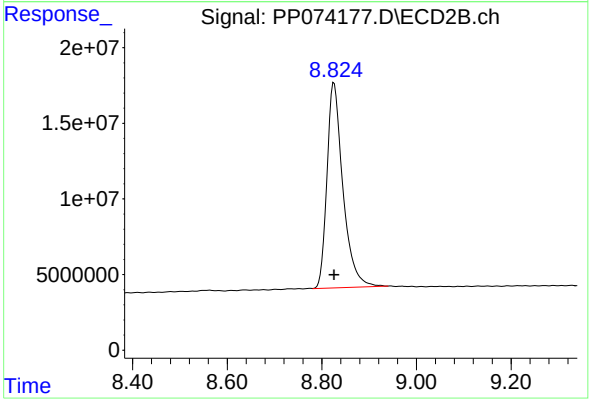
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



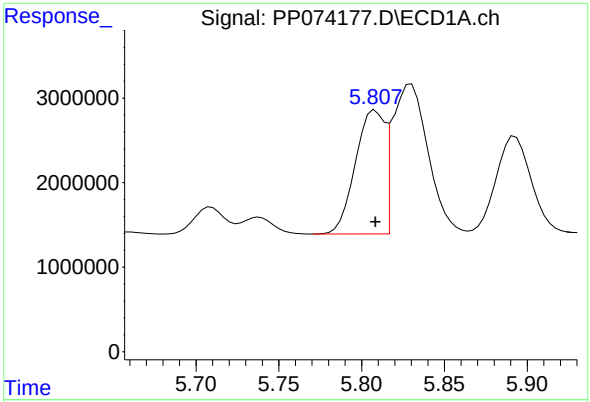
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

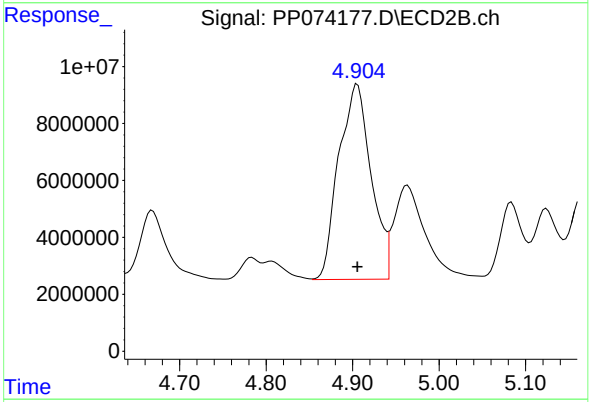
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



#16 AR-1242-1

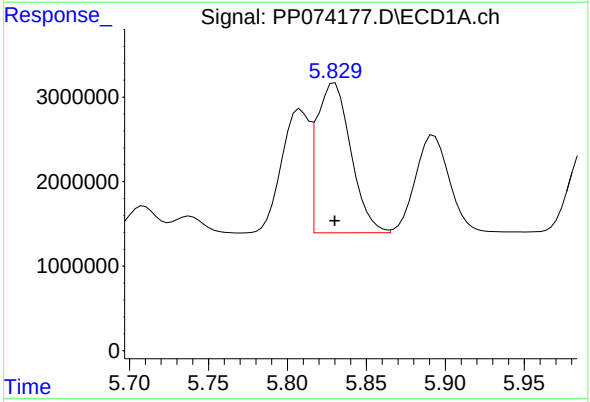
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



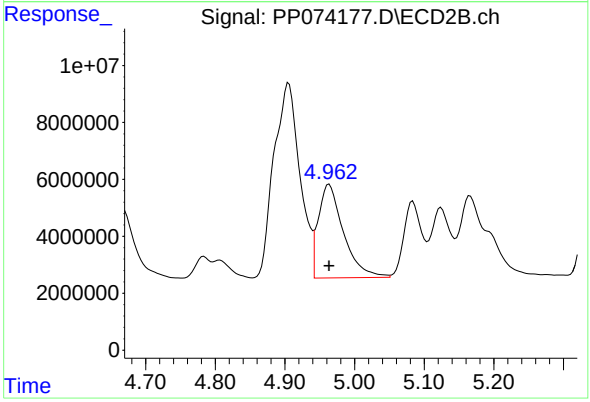
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



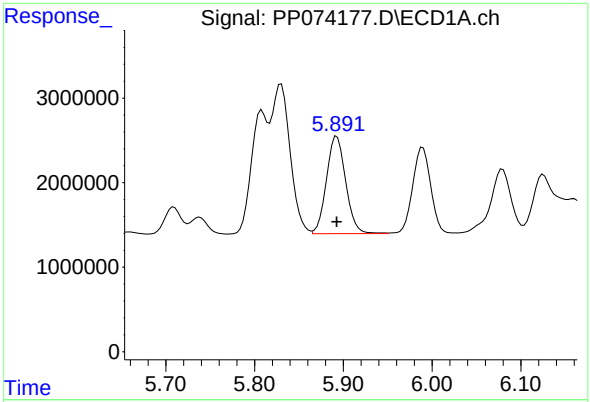
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

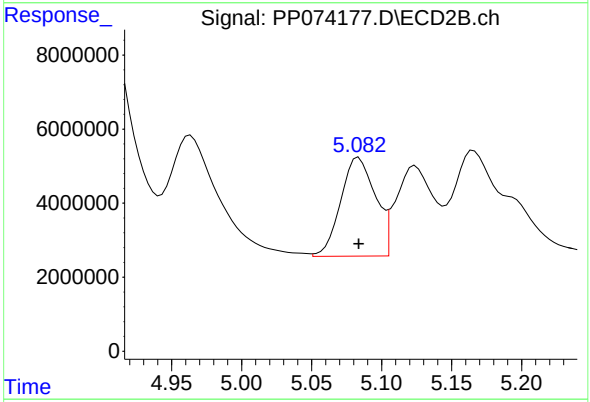
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



#18 AR-1242-3

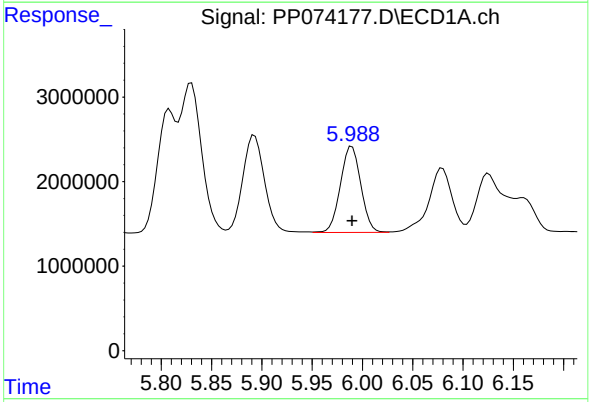
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



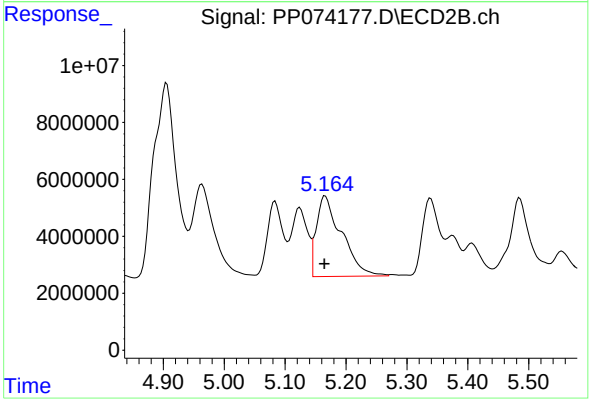
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



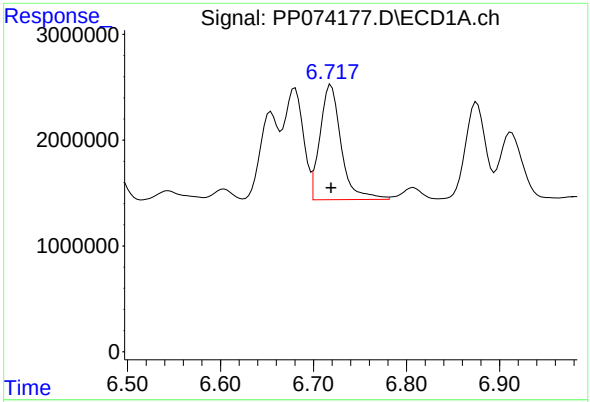
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

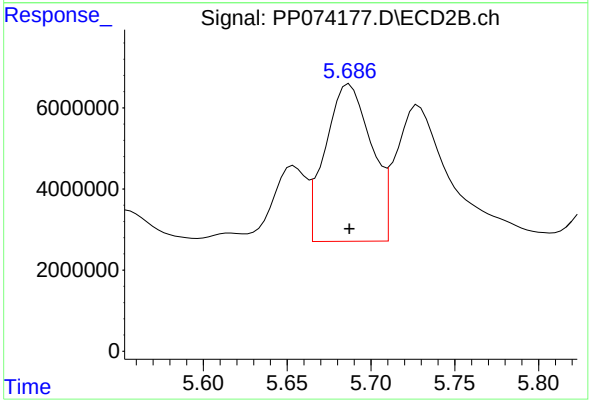
R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 81425101
Conc: 651.17 ng/ml



#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 17203244
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 74177320
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
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: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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...	4.662	3.805	30064825	99448361	26.997	23.506
2)	SA Decachlor...	10.436	8.824	26416078	156.4E6	27.507	25.039
	Target Compounds						
16)	L4 AR-1242-1	5.812	4.906	9924005	89565172	282.440	255.127
17)	L4 AR-1242-2	5.834	4.964	14472673	42174411	278.680	252.533
18)	L4 AR-1242-3	5.897	5.084	9547202	24305838	282.294	256.293
19)	L4 AR-1242-4	5.994	5.166	7737538	43979753	277.699	364.040 #
20)	L4 AR-1242-5	6.723	5.687	10585475	38870481	316.932	260.436

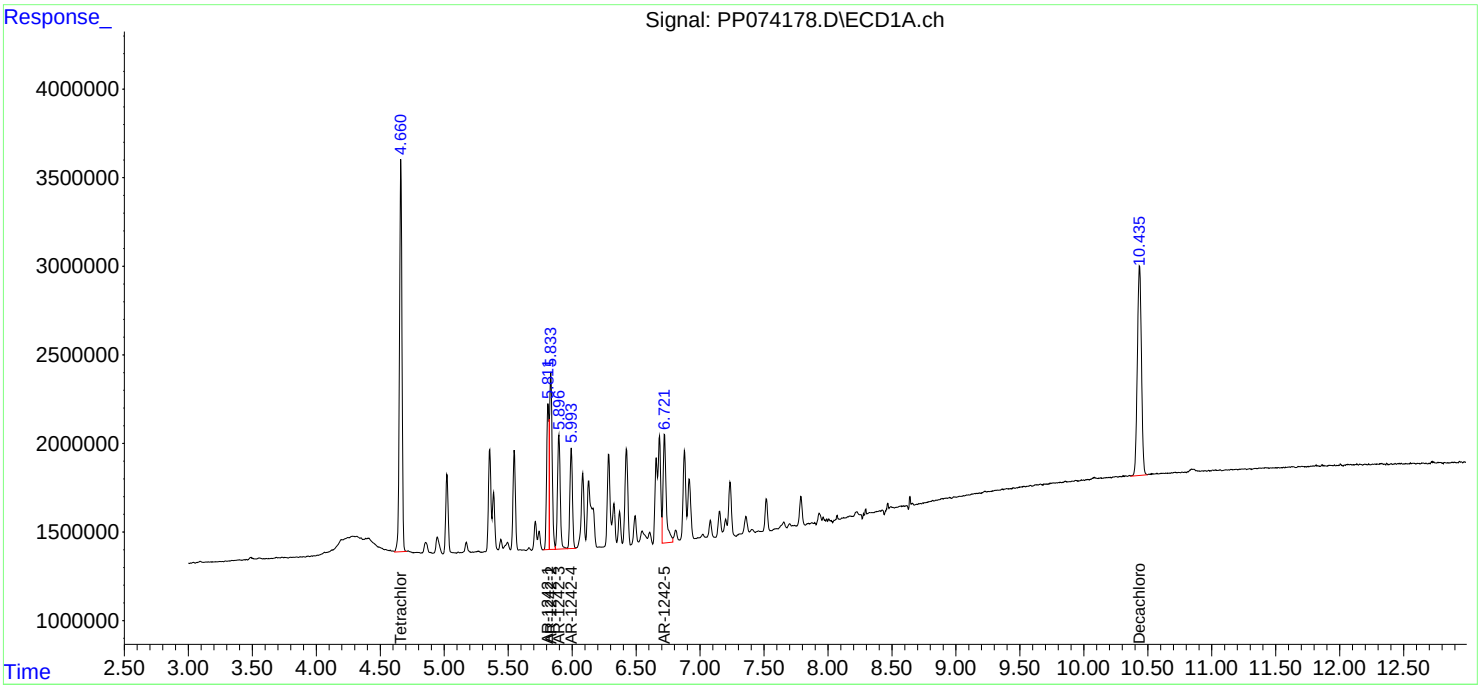
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

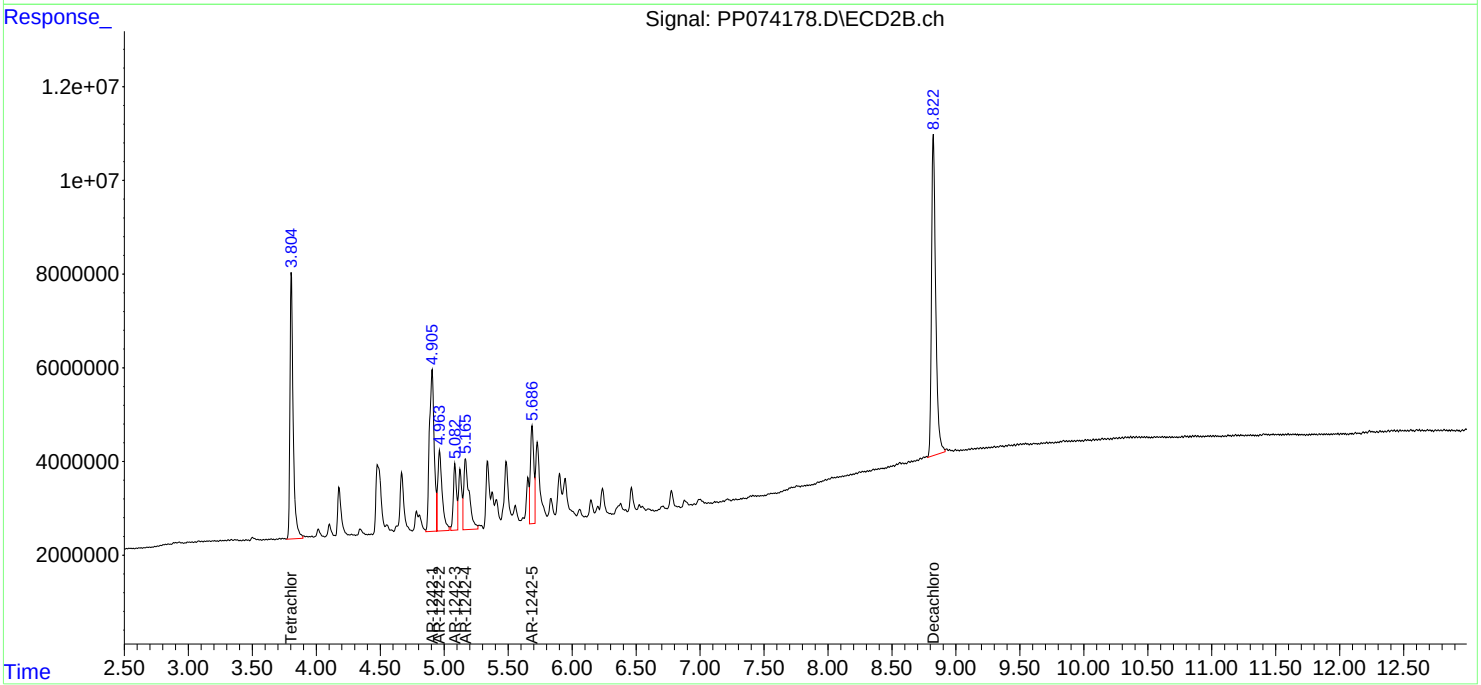
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

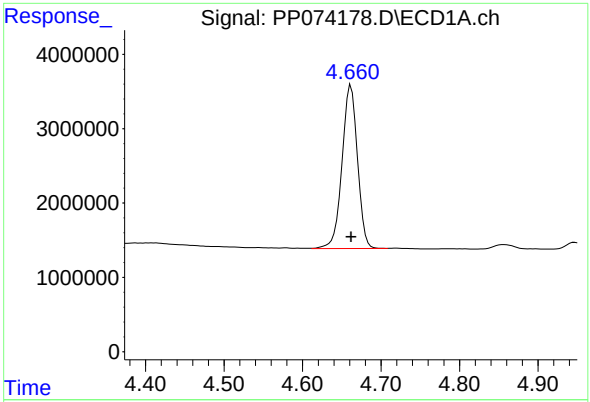
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 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



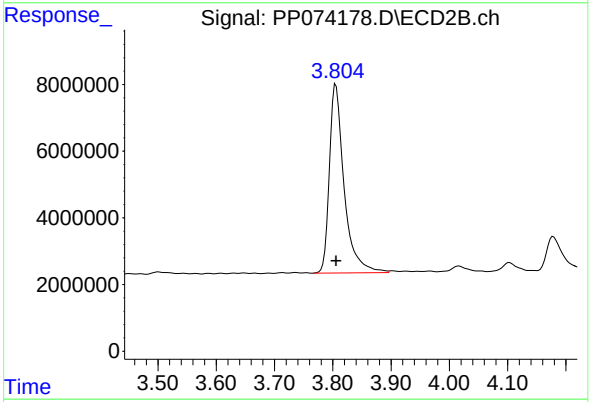




#1 Tetrachloro-m-xylene

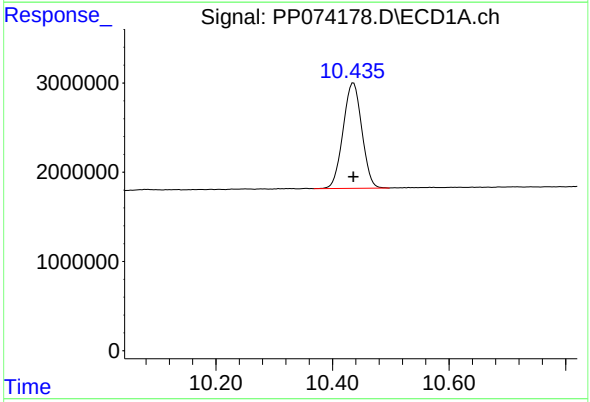
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



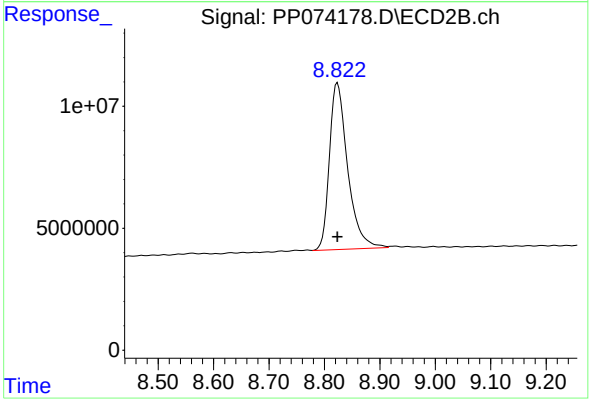
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



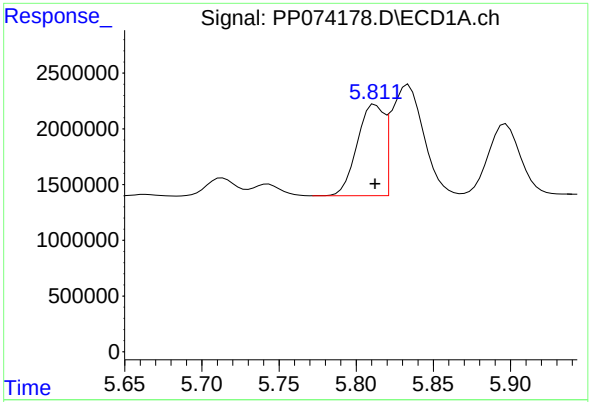
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

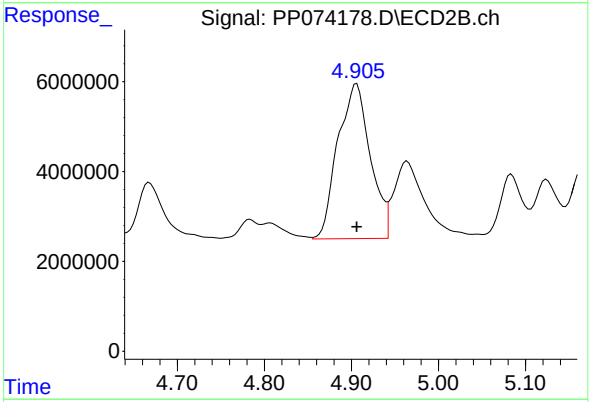
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



#16 AR-1242-1

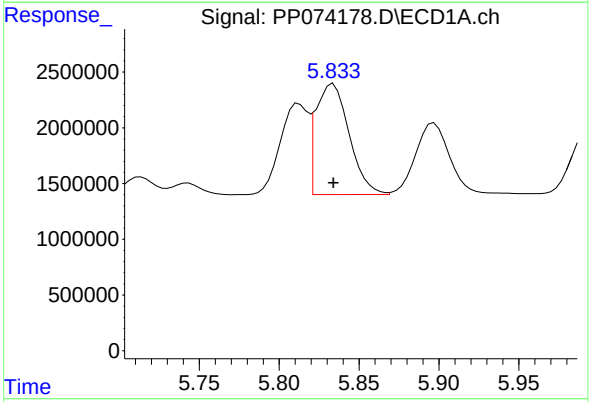
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



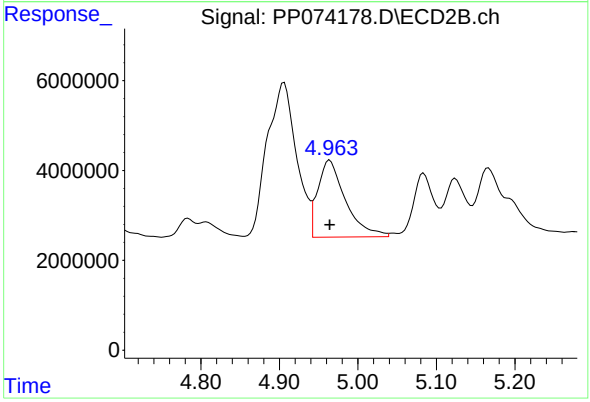
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



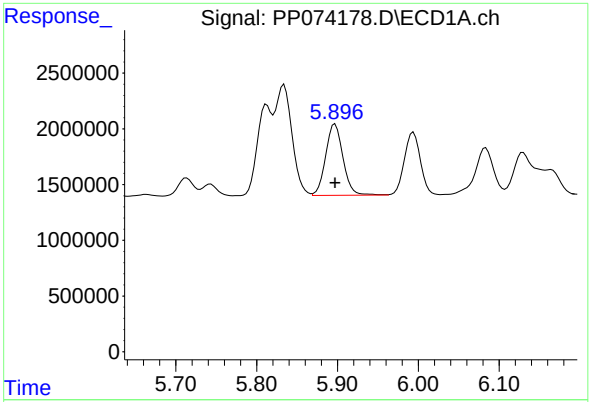
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

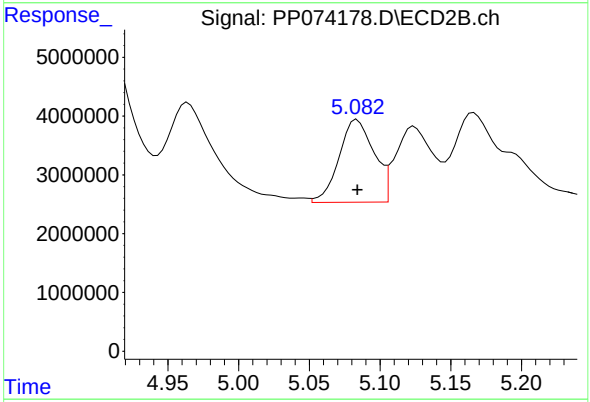
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



#18 AR-1242-3

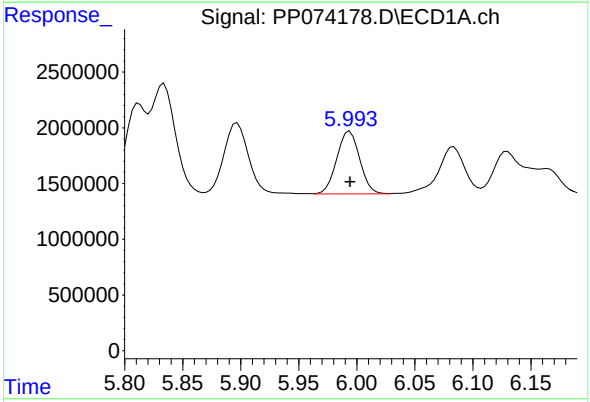
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



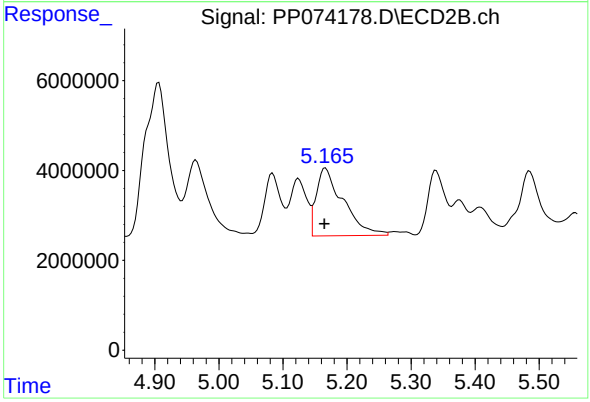
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



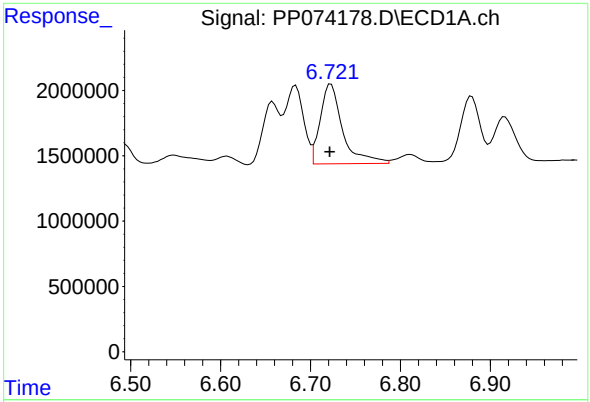
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

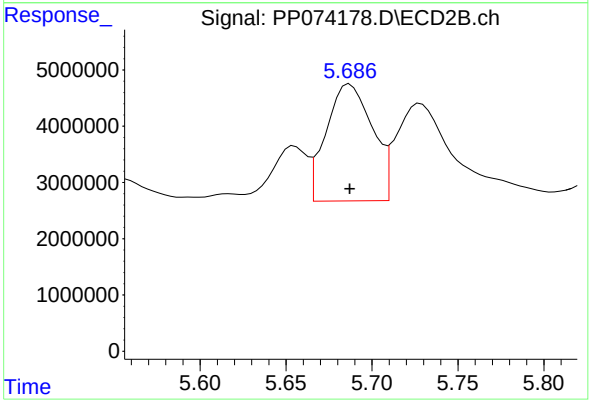
R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 43979753
Conc: 364.04 ng/ml



#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 10585475
Conc: 316.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38870481
Conc: 260.44 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
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: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 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...	4.659	3.803	6977861	15078408	5.999	3.762	#
2)	SA Decachlor...	10.432	8.821	6026260	28194628	5.971	4.604	
	Target Compounds							
16)	L4 AR-1242-1	5.810	4.903	2289125	16072866	61.427	46.569	
17)	L4 AR-1242-2	5.832	4.962	3215660	7443347	59.102	45.559	
18)	L4 AR-1242-3	5.895	5.082	2169957	4094869	60.722	44.390	#
19)	L4 AR-1242-4	5.991	5.163	1732044	5803584	59.279	48.597	
20)	L4 AR-1242-5	6.722	5.686	3937933	7539678	102.119	50.412	#

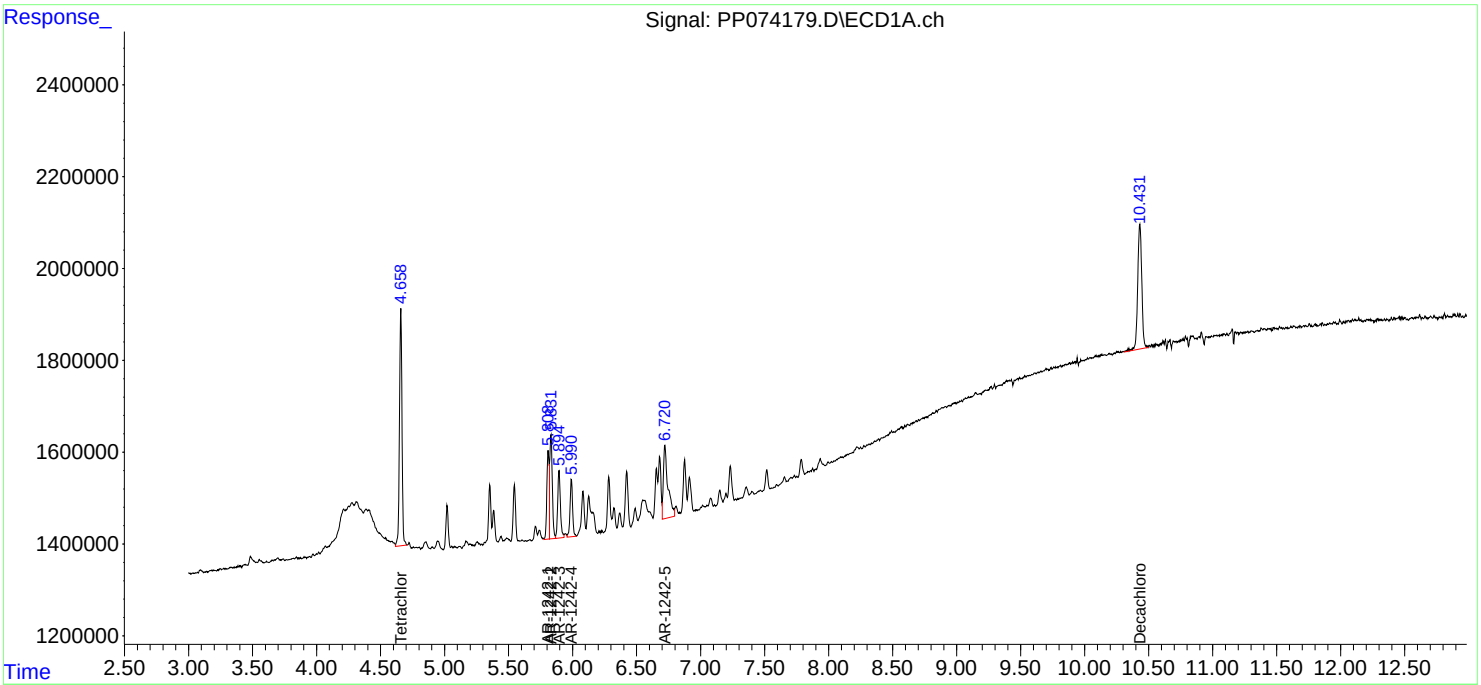
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

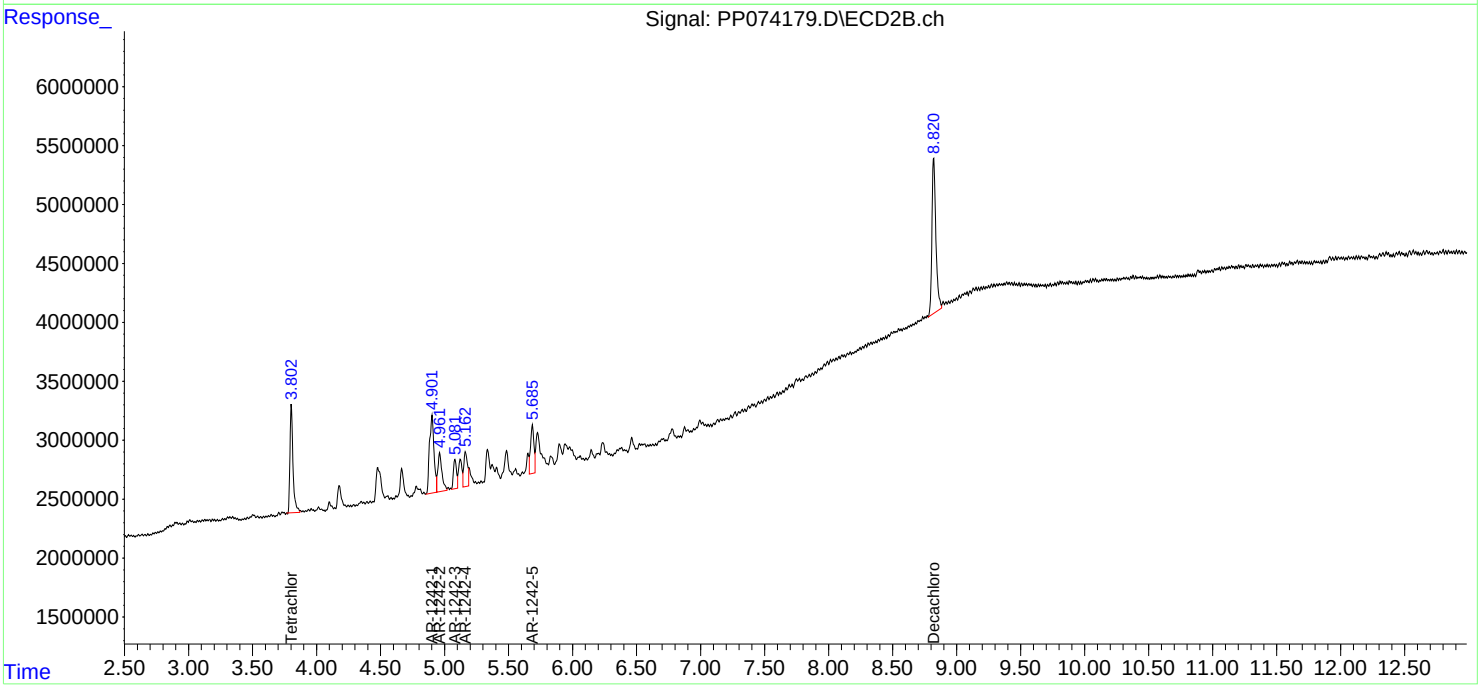
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

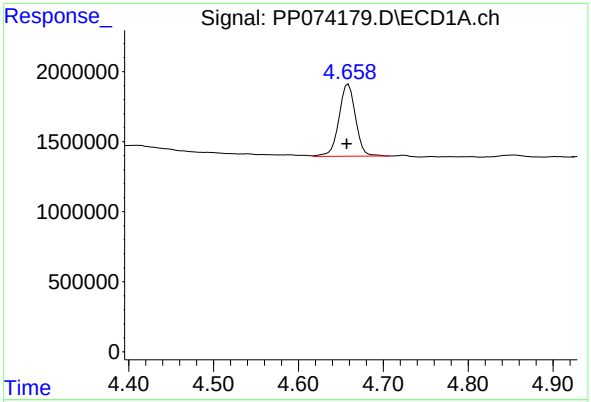
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 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



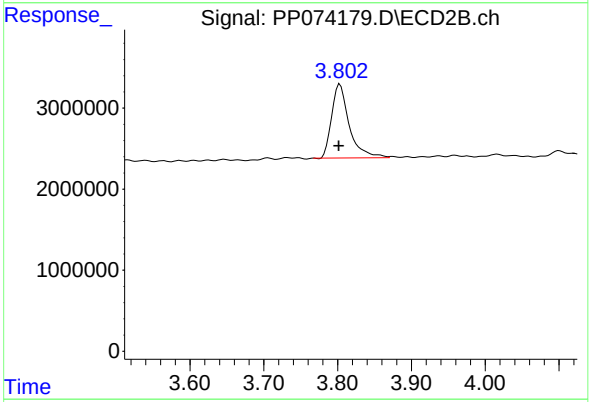




#1 Tetrachloro-m-xylene

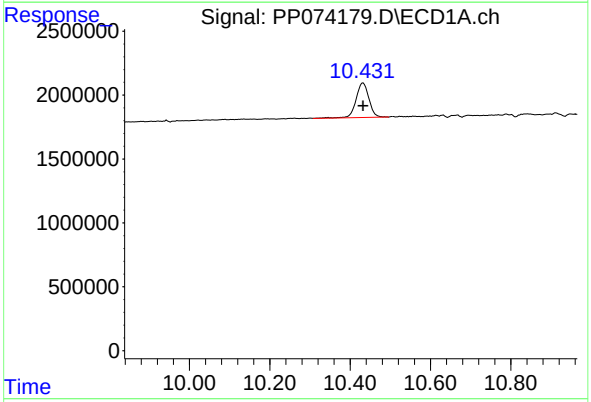
R.T.: 4.659 min
Delta R.T.: 0.002 min
Response: 6977861
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



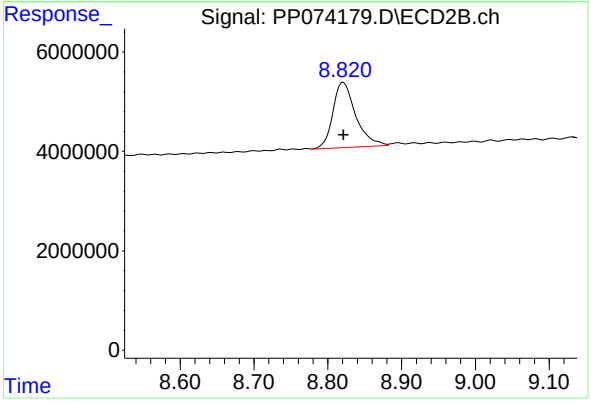
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.001 min
Response: 15078408
Conc: 3.76 ng/ml



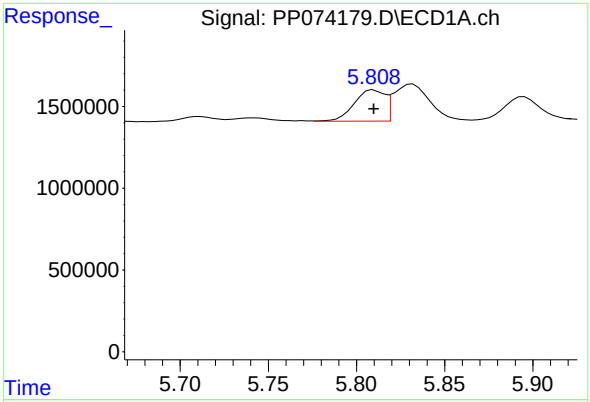
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

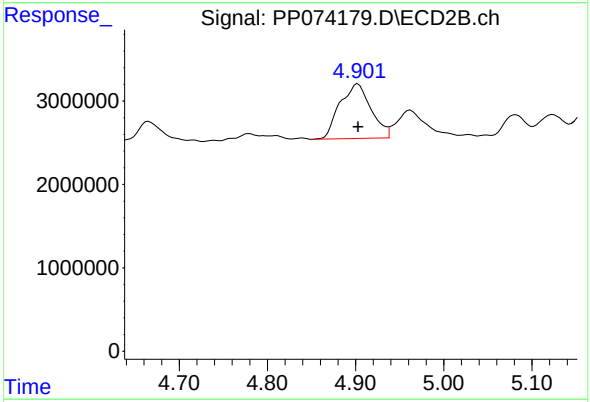
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



#16 AR-1242-1

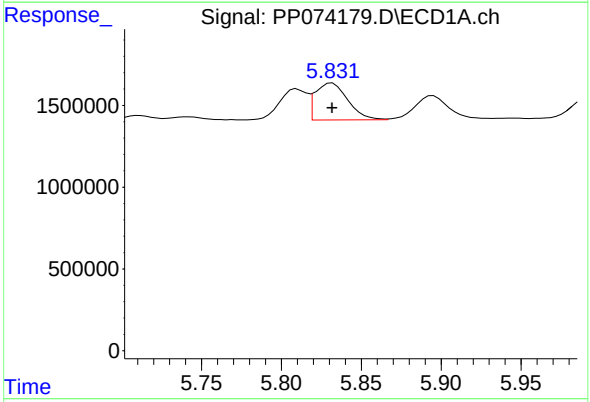
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



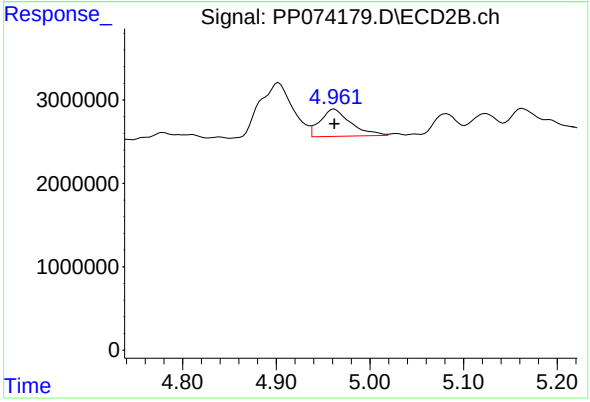
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



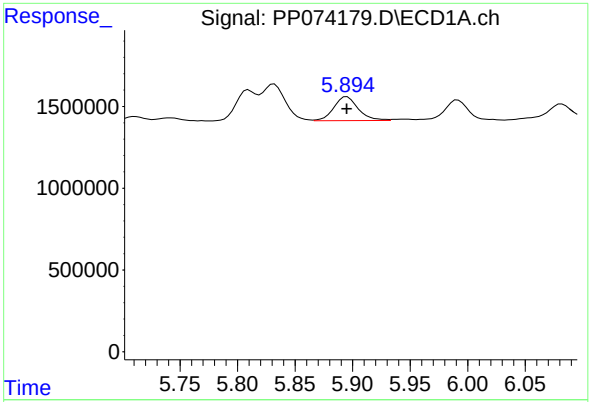
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

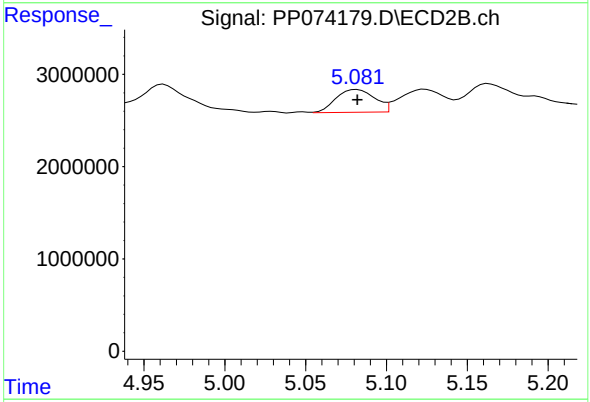
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



#18 AR-1242-3

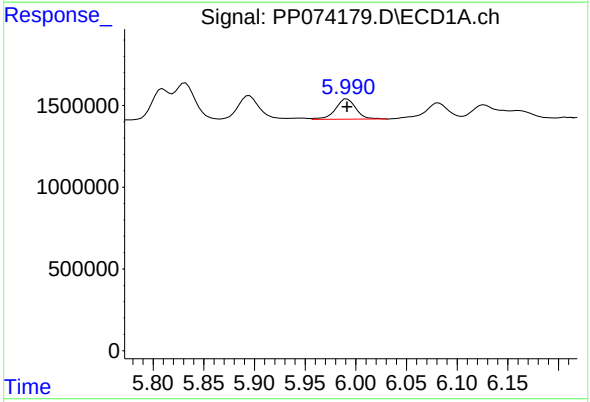
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



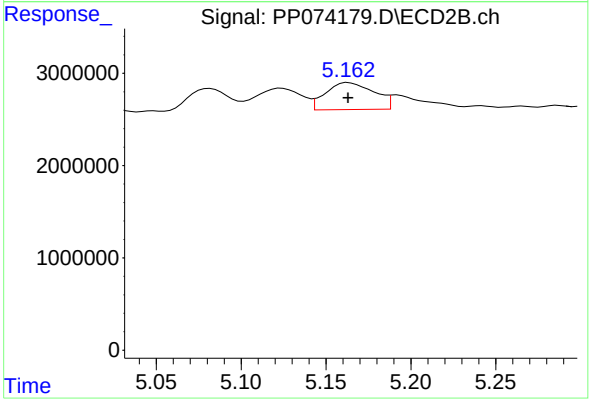
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



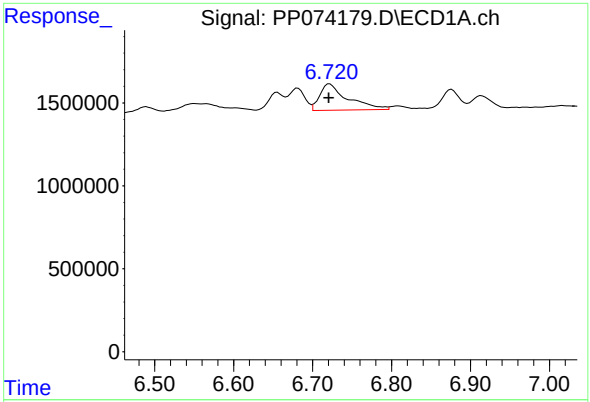
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

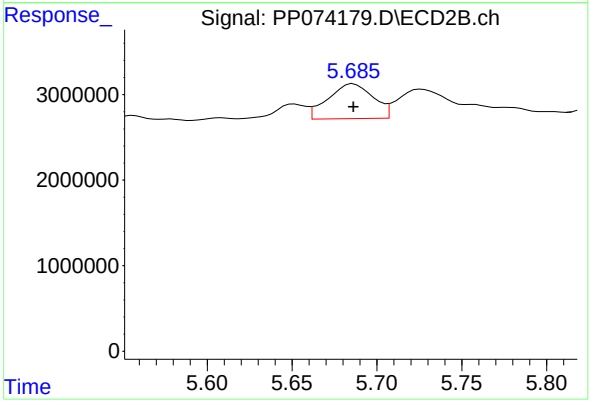
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 3937933
Conc: 102.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 7539678
Conc: 50.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
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: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 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...	4.660	3.805	54922987	197.2E6	50.000	50.000
2)	SA Decachlor...	10.433	8.824	48401219	304.7E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.903	14191296	111.8E6	500.000	500.000
22)	L5 AR-1248-2	6.082	5.124	20093773	73885161	500.000	500.000
23)	L5 AR-1248-3	6.284	5.166	22320416	131.4E6	500.000	698.929 #
24)	L5 AR-1248-4	6.682	5.338	25791080	83528426	500.000	500.000
25)	L5 AR-1248-5	6.721	5.727	26620059	151.4E6	500.000	500.000

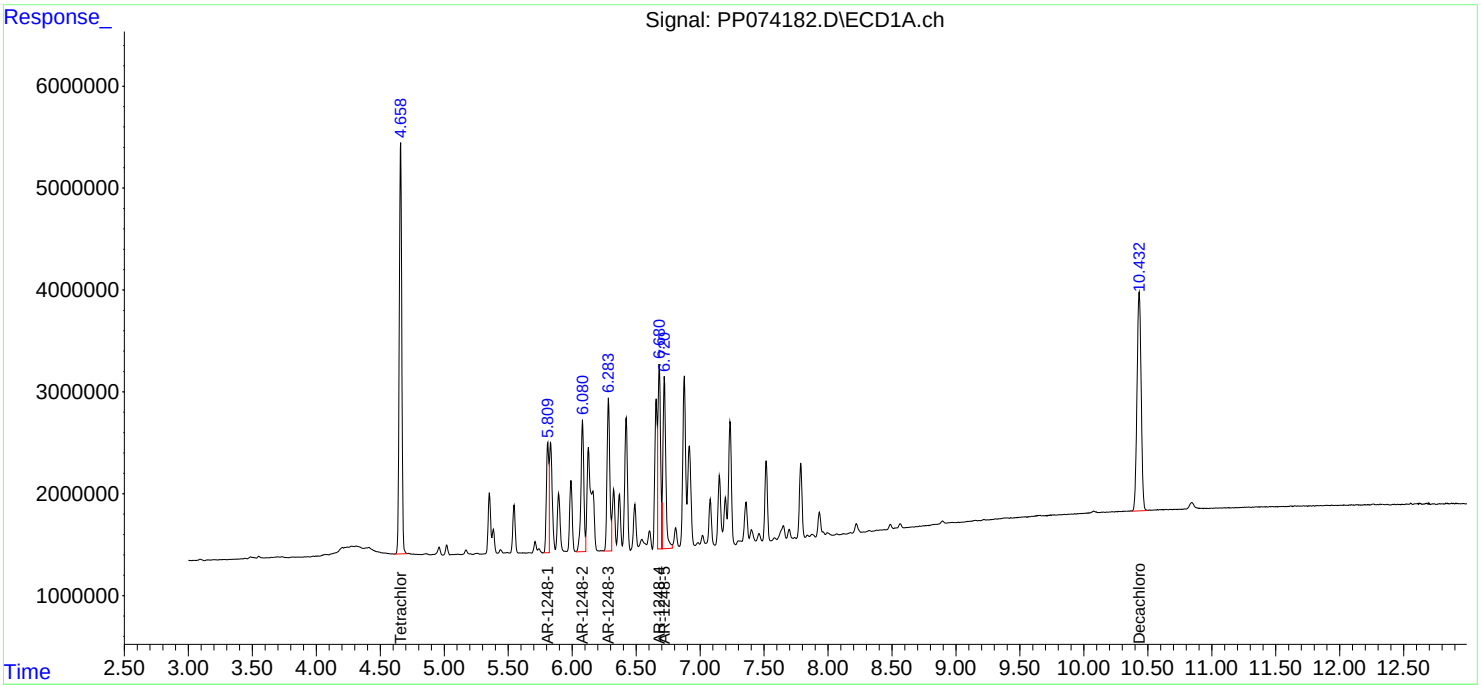
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

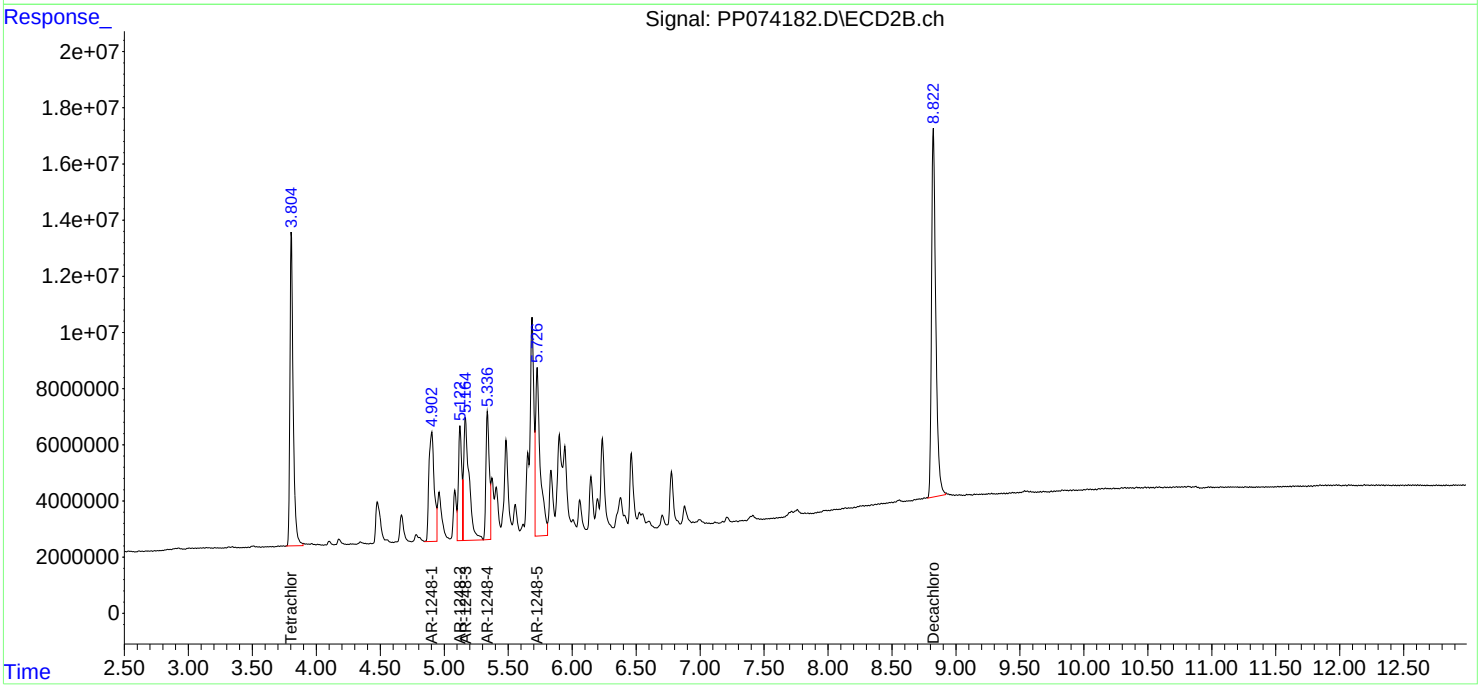
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

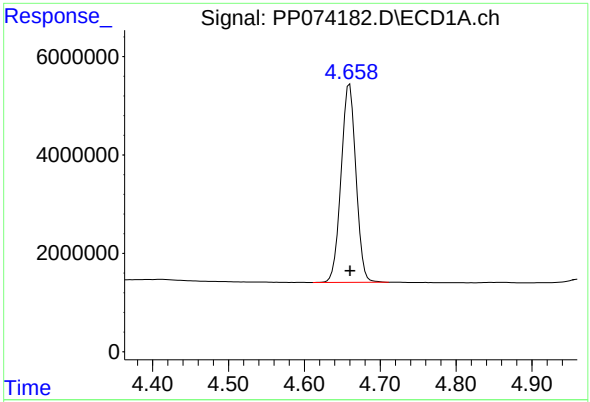
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 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



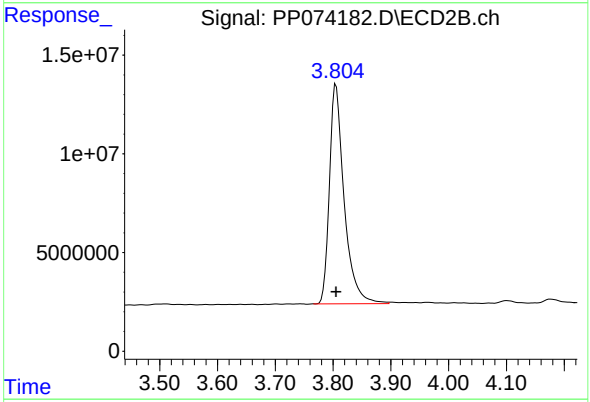




#1 Tetrachloro-m-xylene

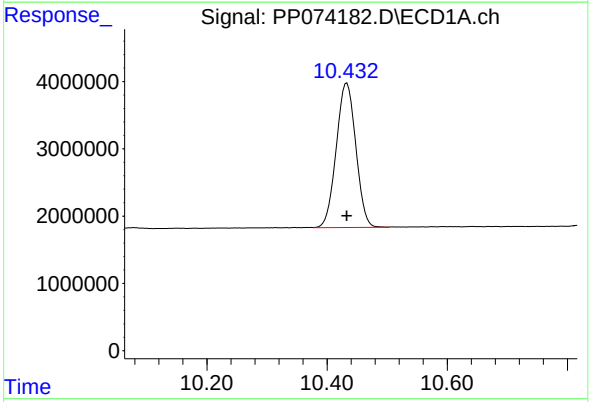
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



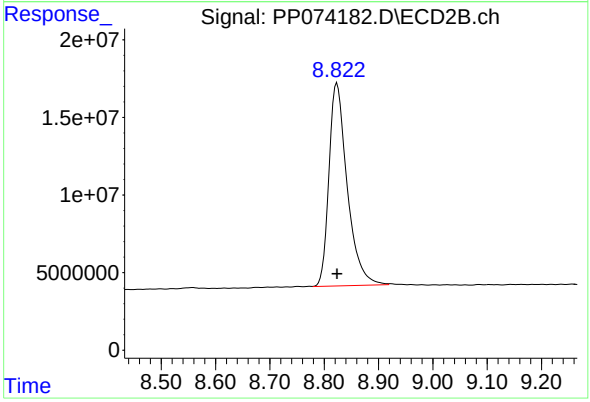
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



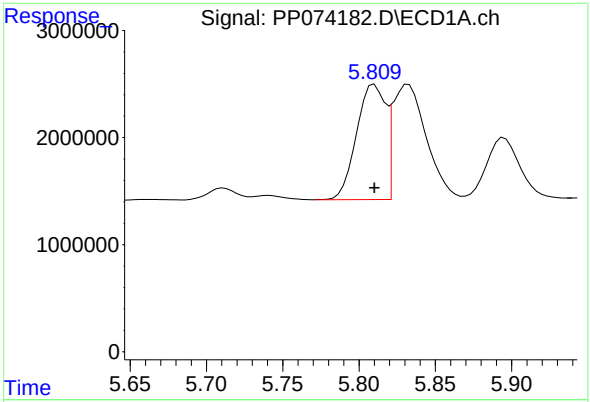
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

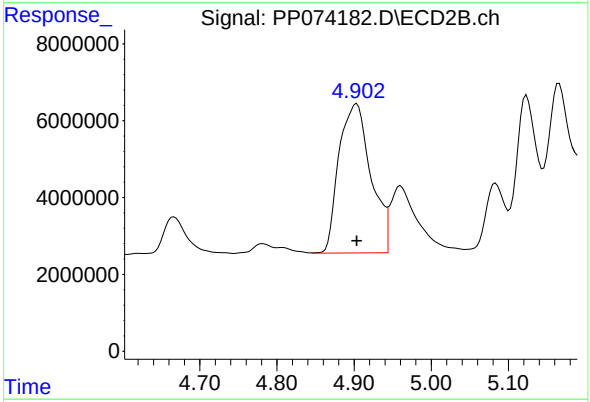
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



#21 AR-1248-1

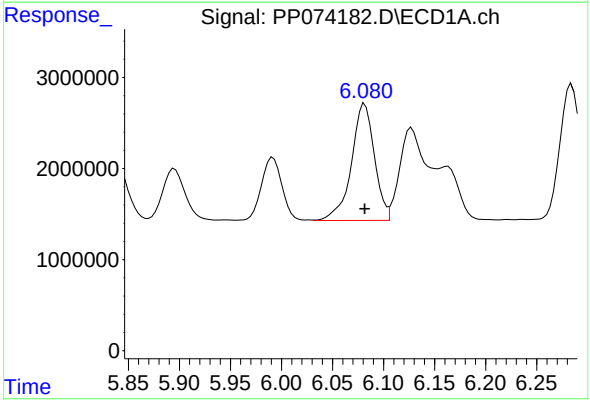
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



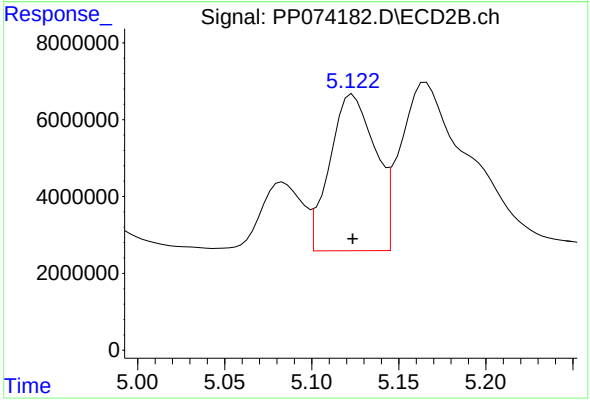
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



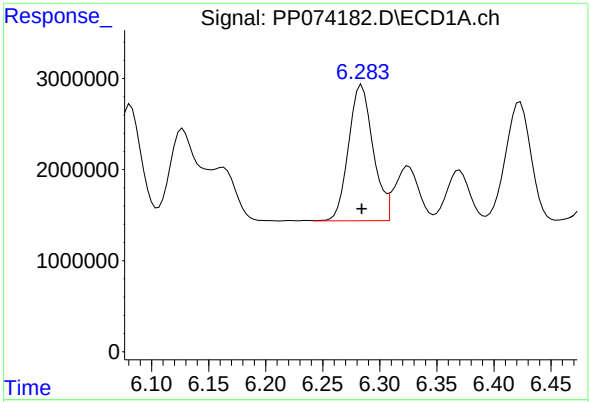
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

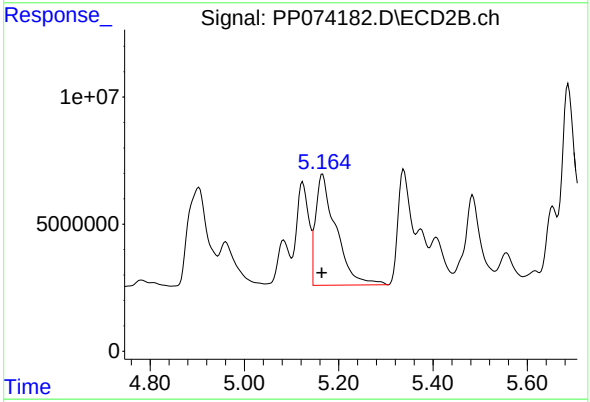
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



#23 AR-1248-3

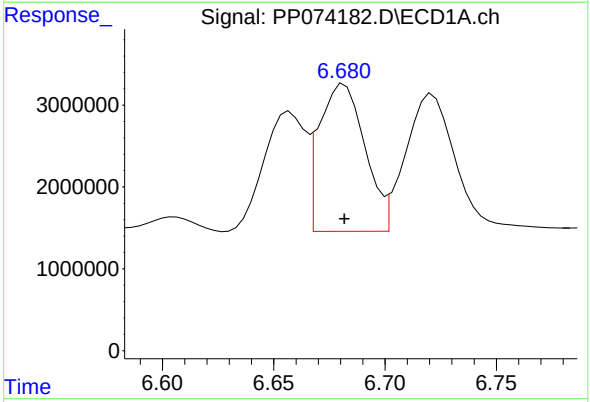
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



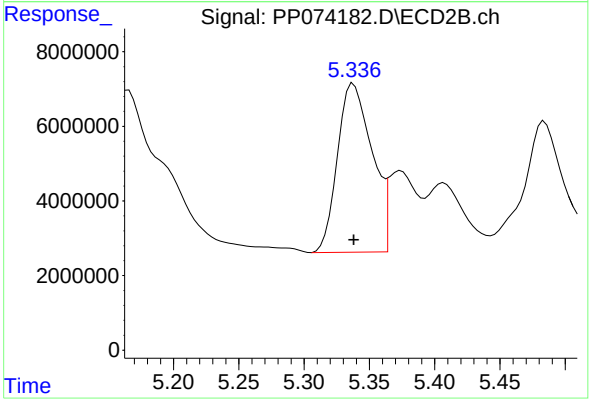
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 131449027
Conc: 698.93 ng/ml



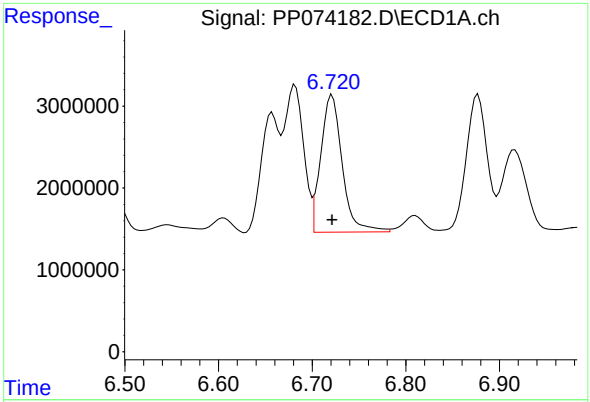
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

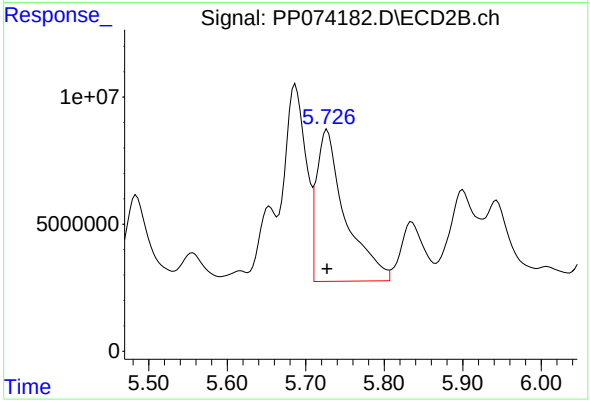
R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 26620059
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 151391354
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
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: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.660	3.805	105.5E6	435.9E6	94.708	107.891
2)	SA Decachlor...	10.433	8.824	90161394	620.7E6	92.084	101.439
	Target Compounds						
26)	L6 AR-1254-1	6.660	5.689	70203514	384.6E6	1294.709	998.639
27)	L6 AR-1254-2	6.875	5.835	70079706	284.4E6	896.542	1000.895
28)	L6 AR-1254-3	7.237	6.238	76495408	520.2E6	905.487	1022.453
29)	L6 AR-1254-4	7.518	6.464	57834344	378.1E6	911.799	1002.531
30)	L6 AR-1254-5	7.934	6.882	73335985	464.7E6	909.260	1166.896 #

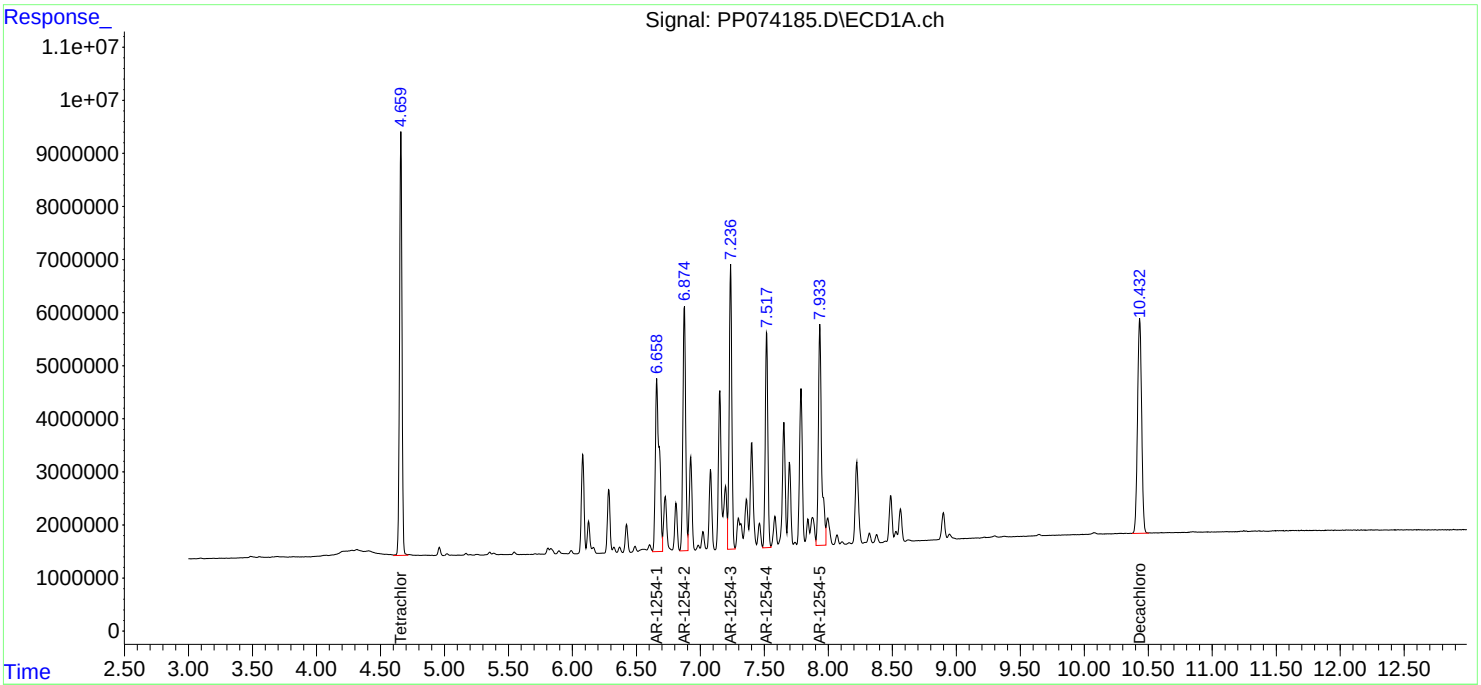
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

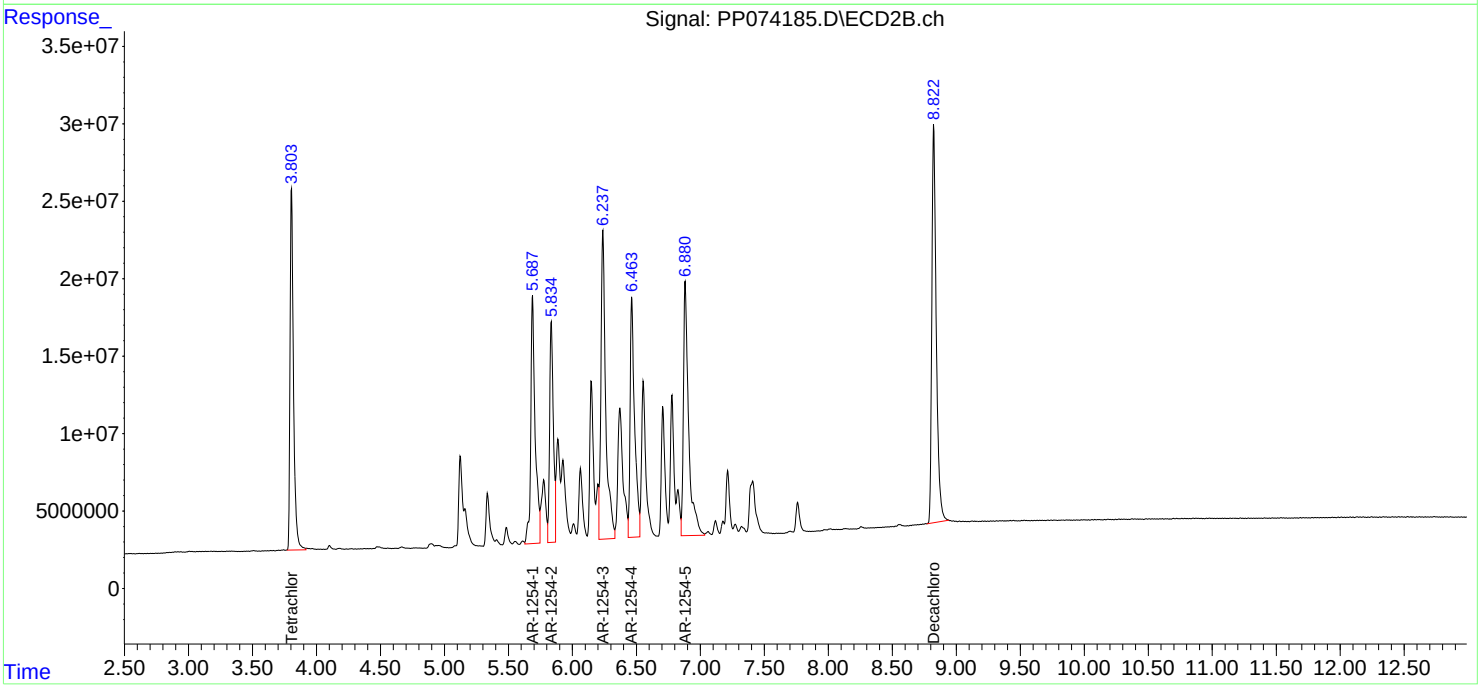
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

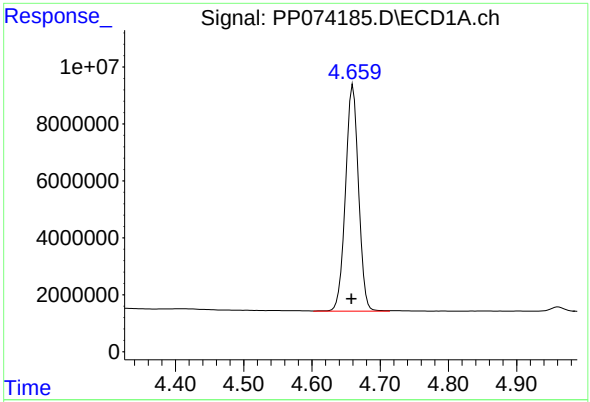
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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



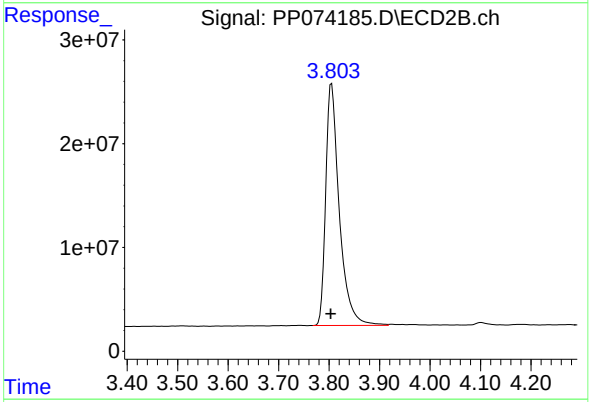




#1 Tetrachloro-m-xylene

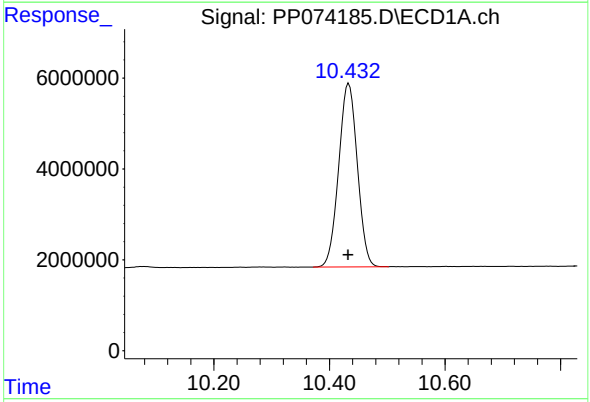
R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



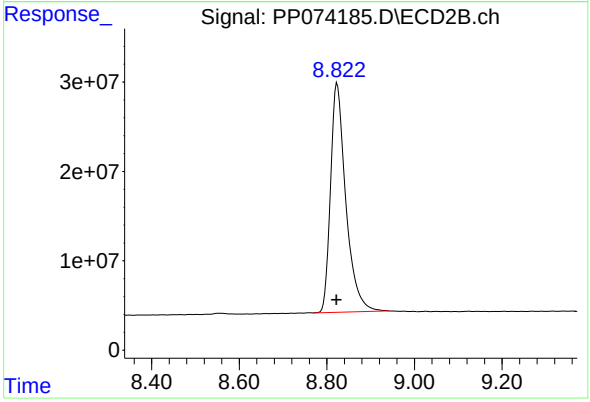
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



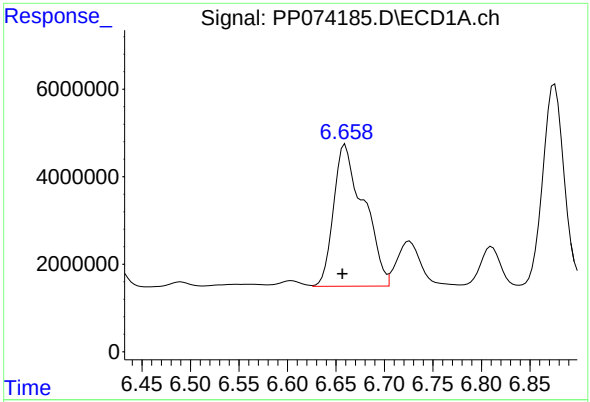
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml



#2 Decachlorobiphenyl

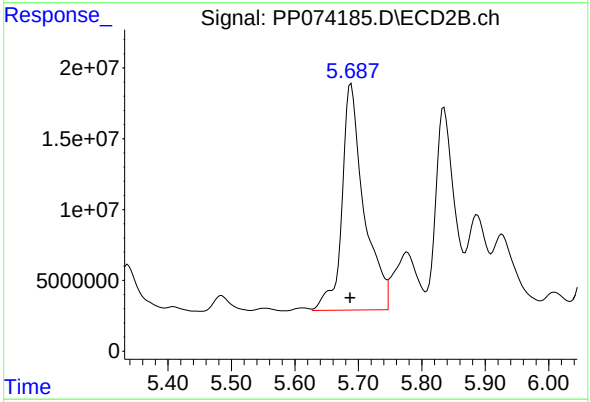
R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml



#26 AR-1254-1

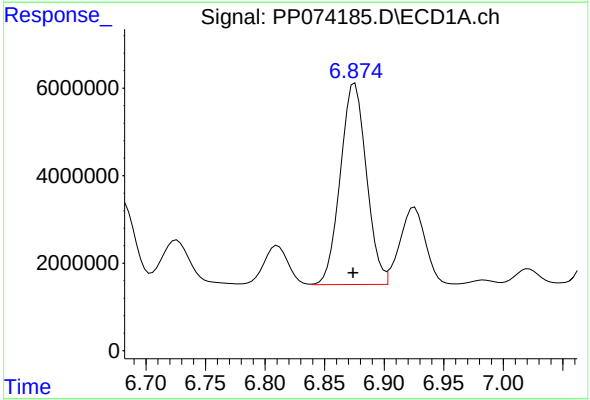
R.T.: 6.660 min
Delta R.T.: 0.003 min
Response: 70203514
Conc: 1294.71 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



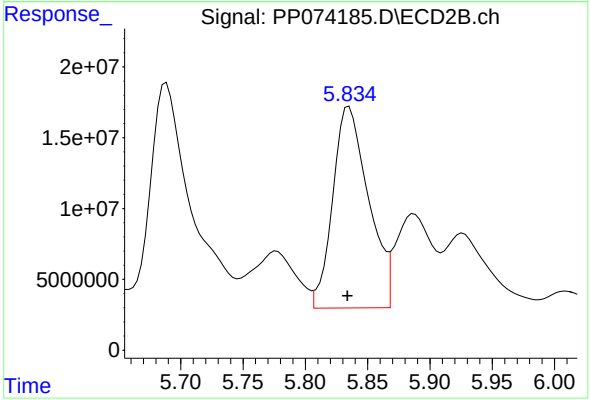
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



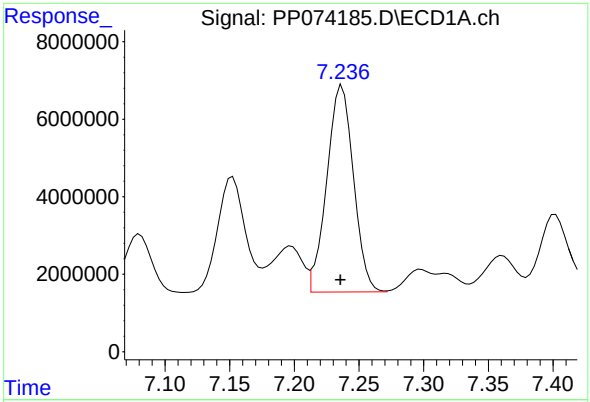
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml



#27 AR-1254-2

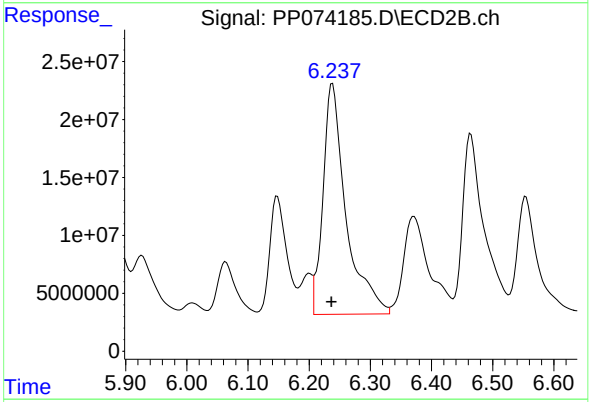
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml



#28 AR-1254-3

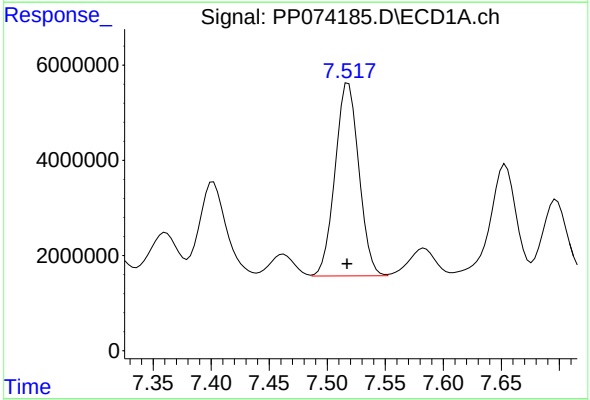
R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



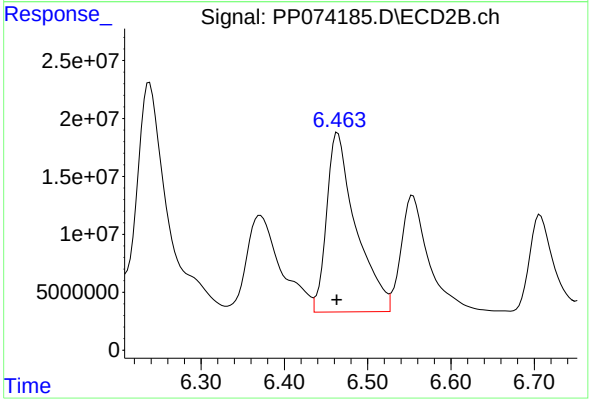
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



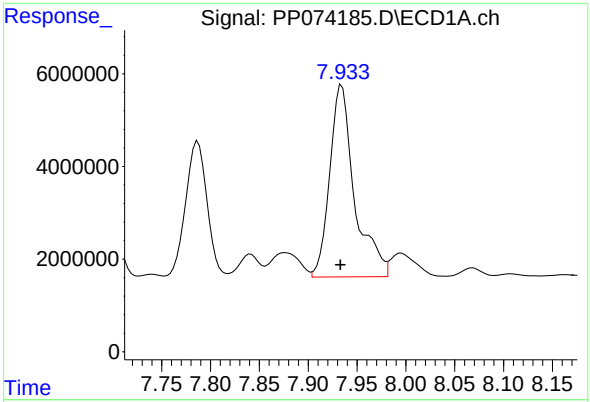
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

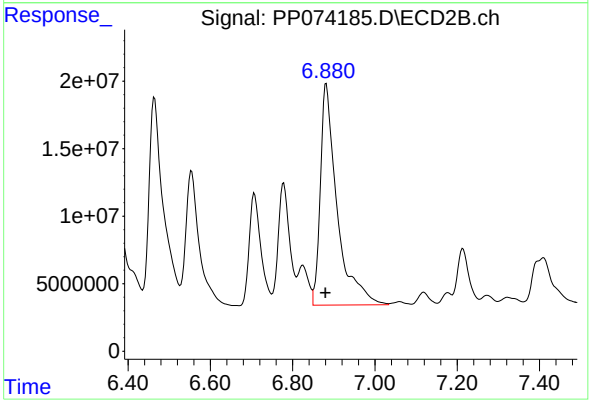
R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 73335985
Conc: 909.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 464689213
Conc: 1166.90 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
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: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.659	3.804	80274871	316.5E6	72.041	78.350
2)	SA Decachlor...	10.433	8.823	69679431	463.5E6	71.165	75.743
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.688	55036391	271.1E6	1014.994	703.976 #
27)	L6 AR-1254-2	6.874	5.835	54514978	207.5E6	697.420	730.114
28)	L6 AR-1254-3	7.236	6.237	59505451	390.5E6	704.374	767.509
29)	L6 AR-1254-4	7.517	6.464	44944937	292.2E6	708.589	774.901
30)	L6 AR-1254-5	7.933	6.881	57058661	308.2E6	707.445	773.995

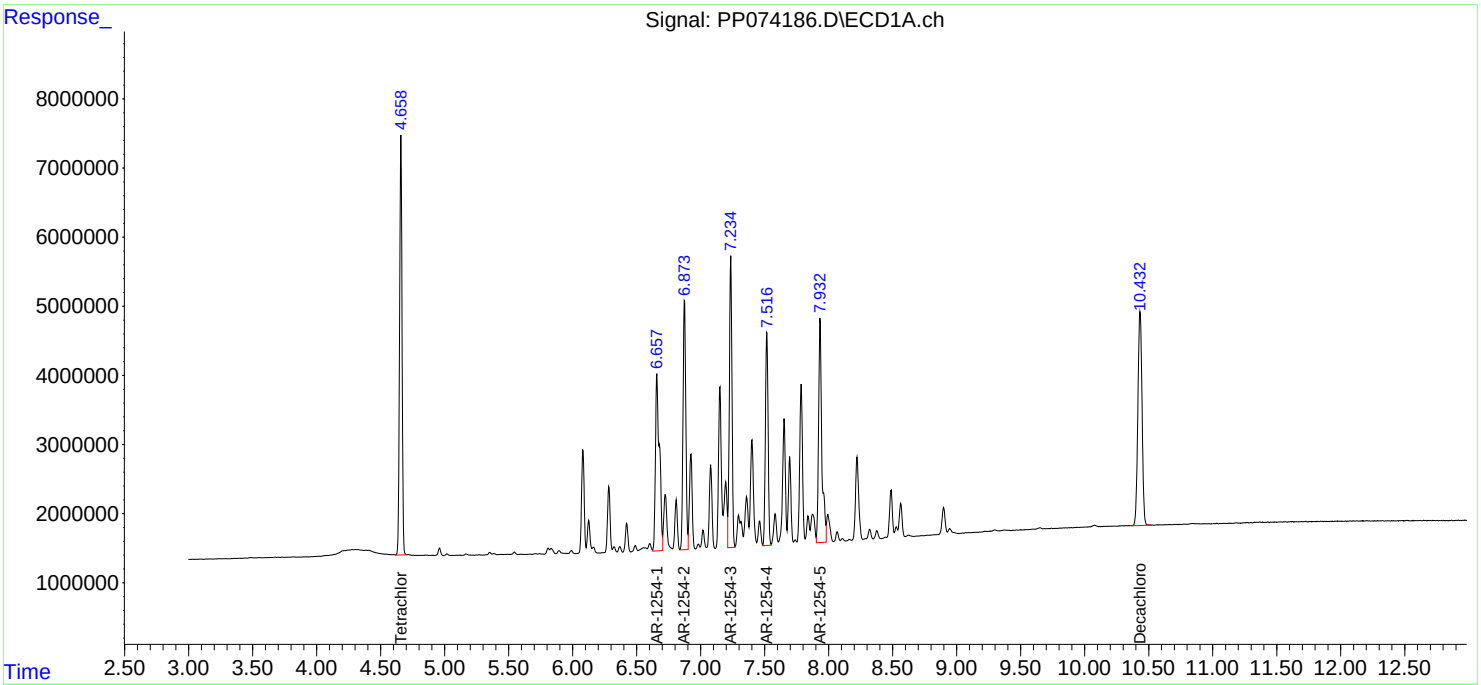
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

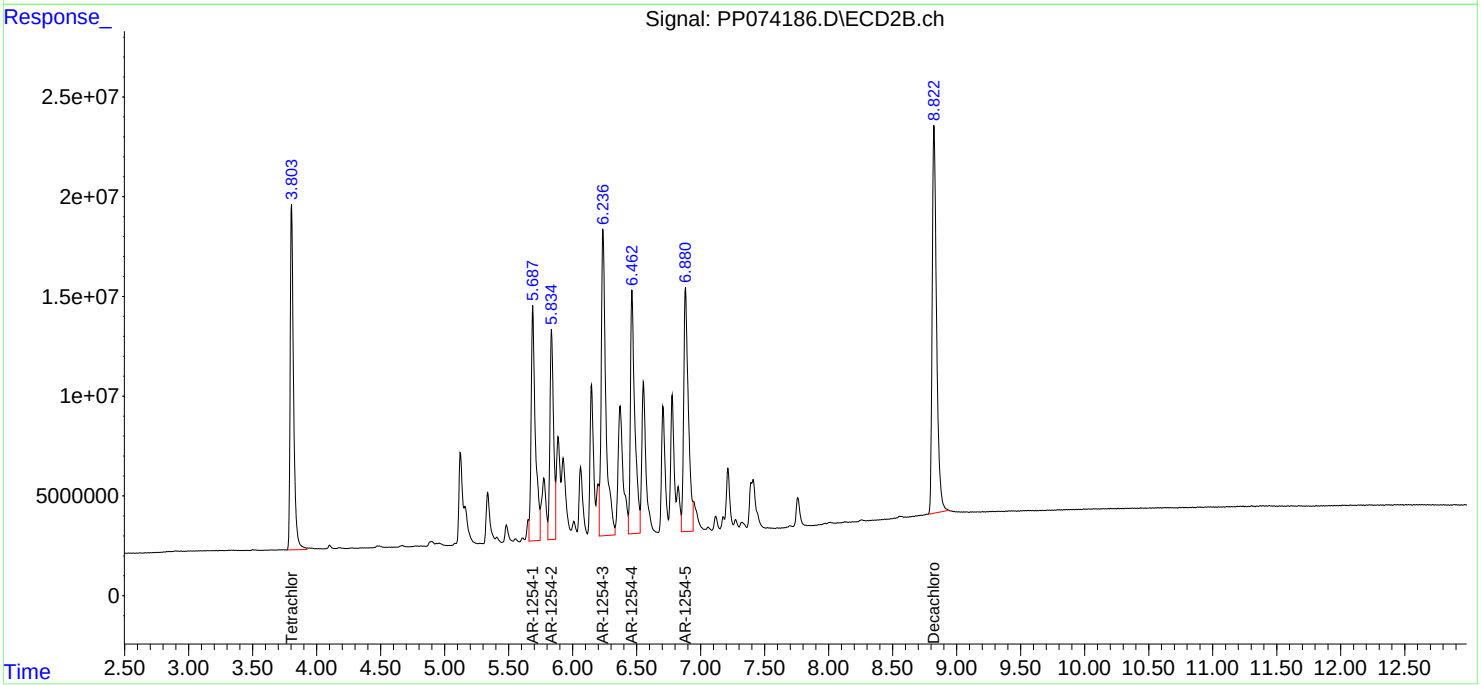
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

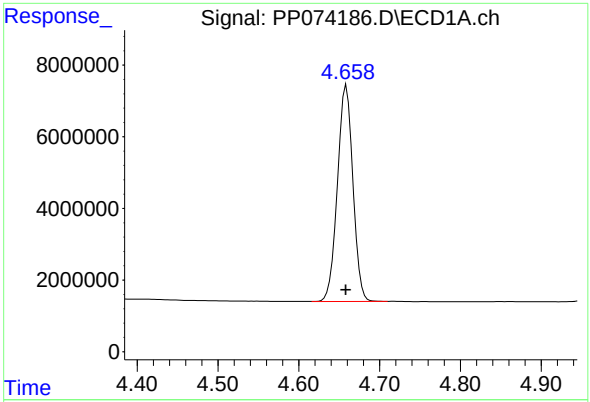
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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



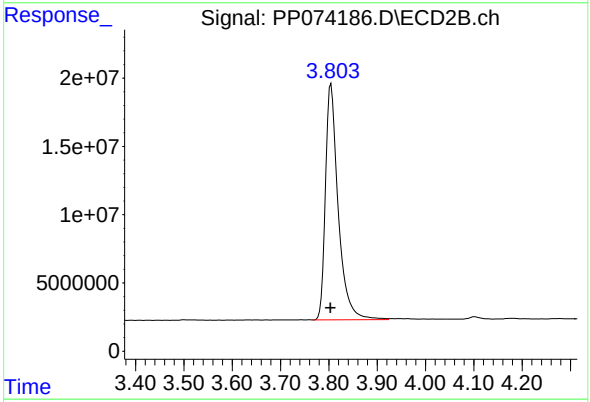




#1 Tetrachloro-m-xylene

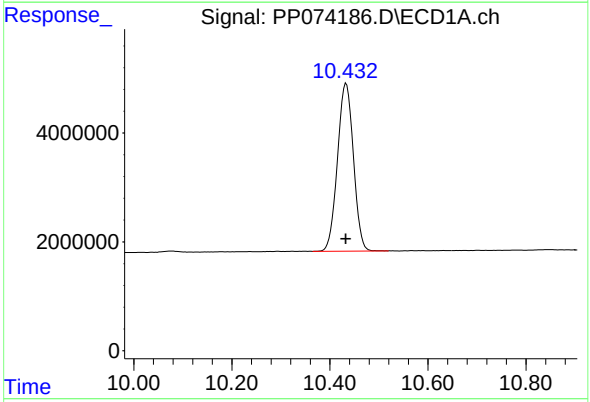
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



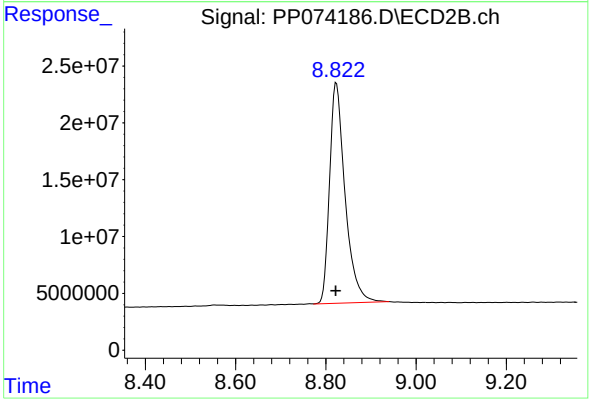
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



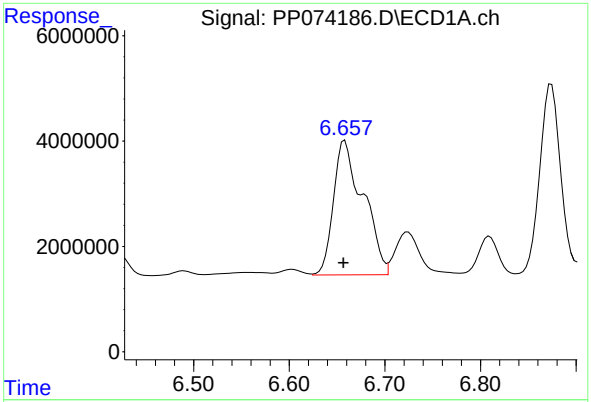
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

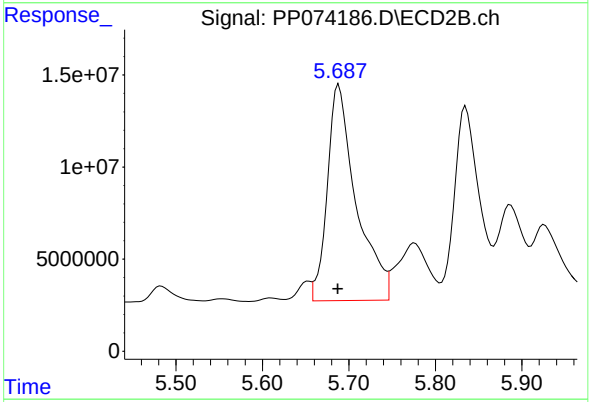
R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



#26 AR-1254-1

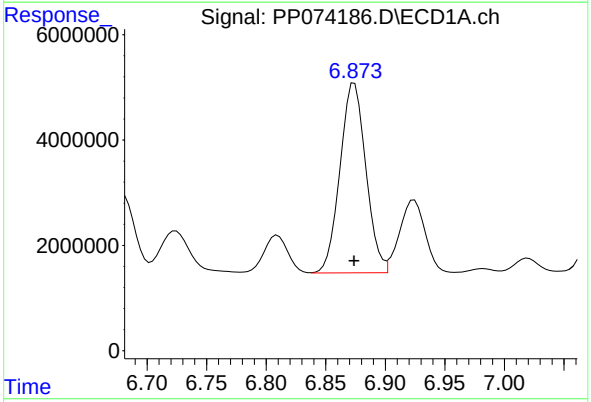
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 55036391
Conc: 1014.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



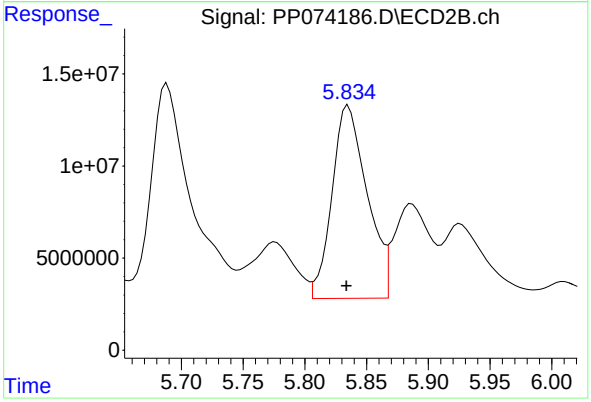
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



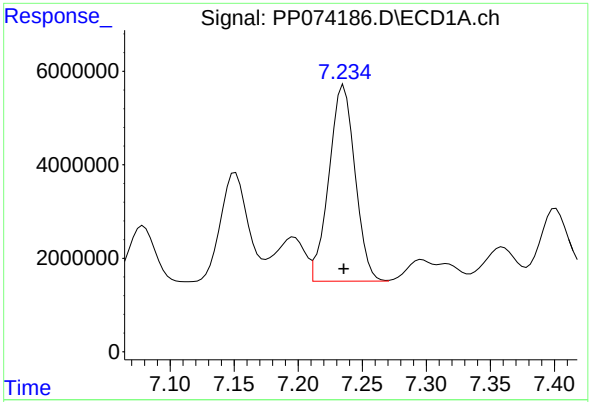
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

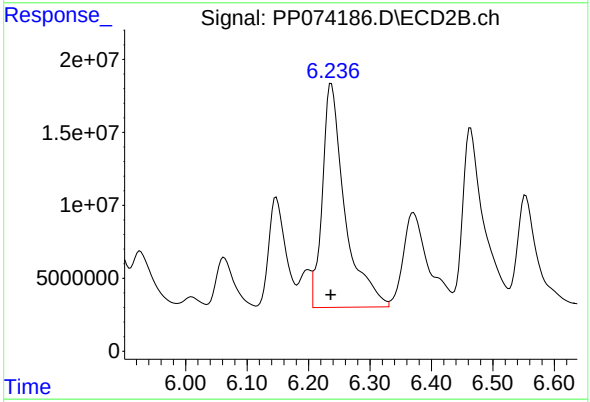
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



#28 AR-1254-3

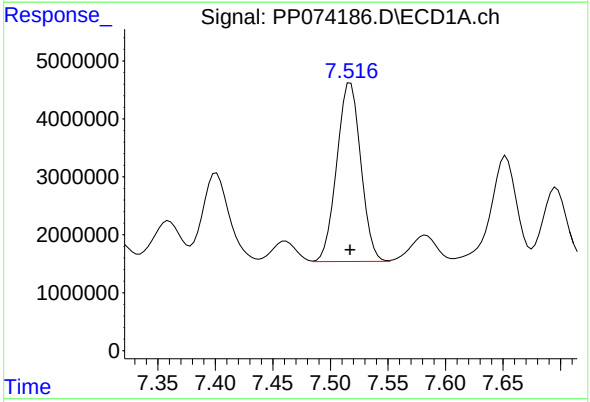
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



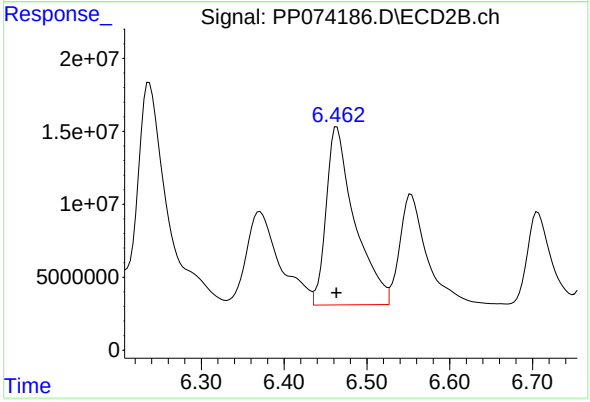
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



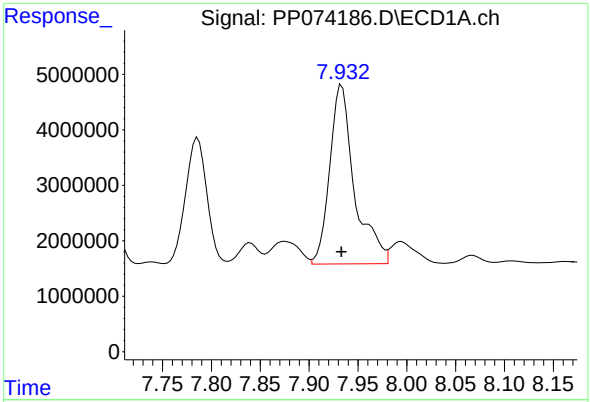
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

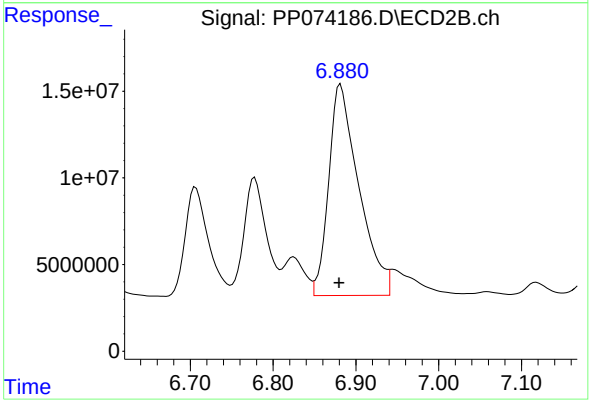
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 57058661
Conc: 707.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.002 min
Response: 308225641
Conc: 774.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
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: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	55714538	202.0E6	50.000	50.000	
2)	SA Decachlor...	10.432	8.822	48956102	305.9E6	50.000	50.000	
	Target Compounds							
26)	L6 AR-1254-1	6.658	5.687	39387303	192.5E6	726.390	500.000	#
27)	L6 AR-1254-2	6.874	5.834	39083346	142.1E6	500.000	500.000	
28)	L6 AR-1254-3	7.236	6.237	42239930	254.4E6	500.000	500.000	
29)	L6 AR-1254-4	7.517	6.463	31714402	188.5E6	500.000	500.000	
30)	L6 AR-1254-5	7.933	6.880	40327283	199.1E6	500.000	500.000	

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

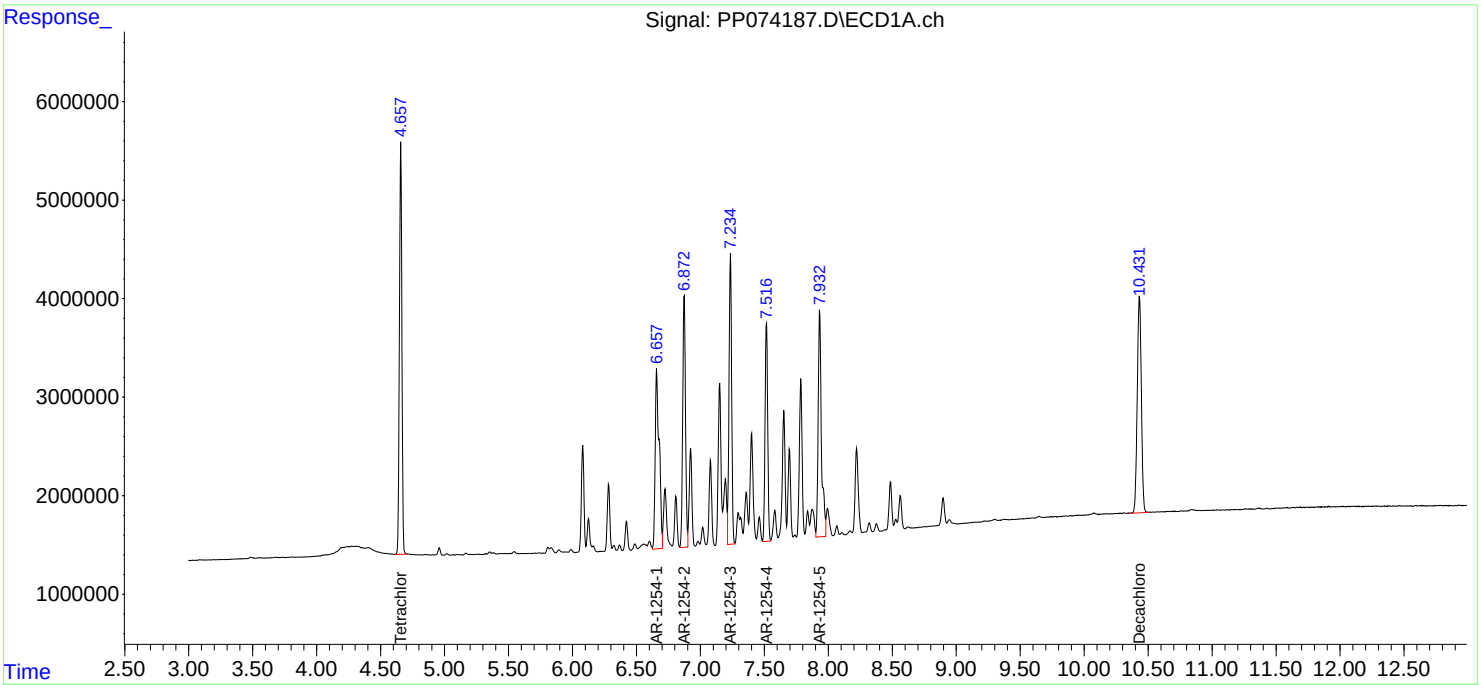
Quantitation Report (Not Reviewed)

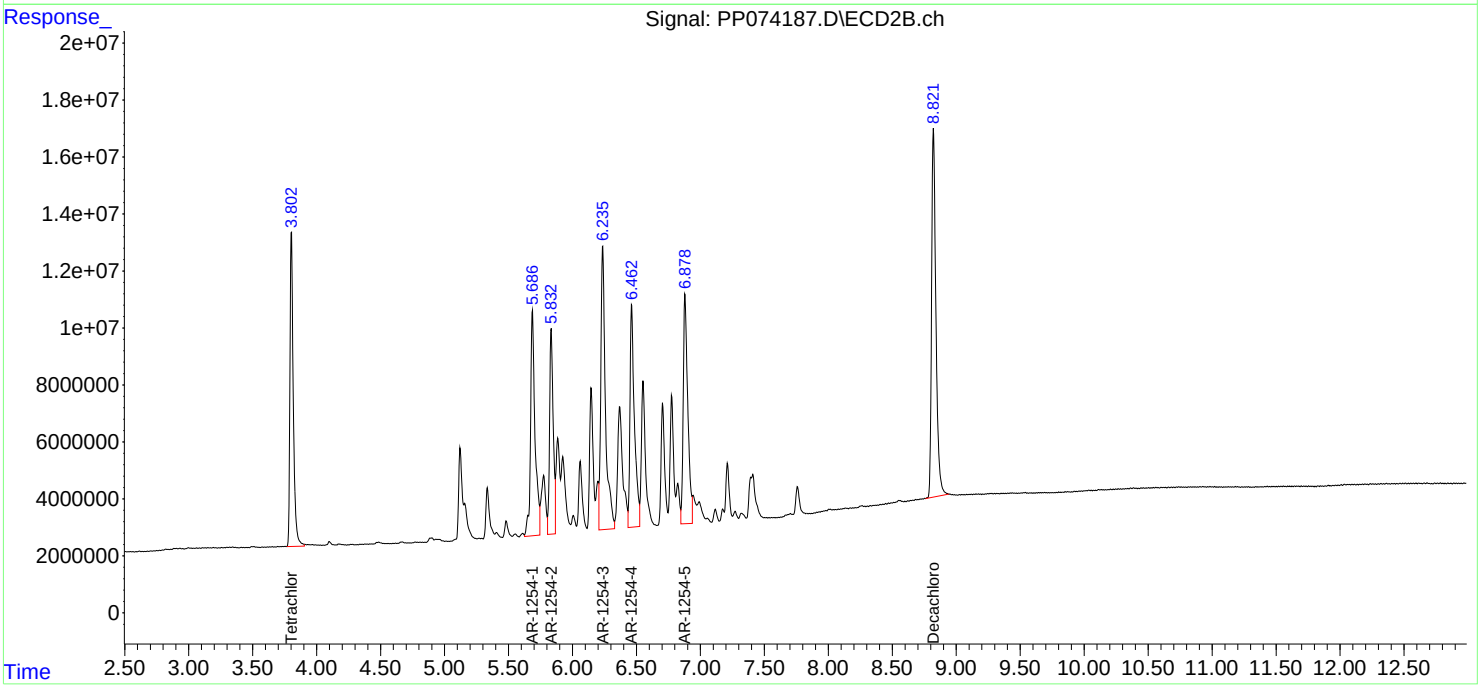
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

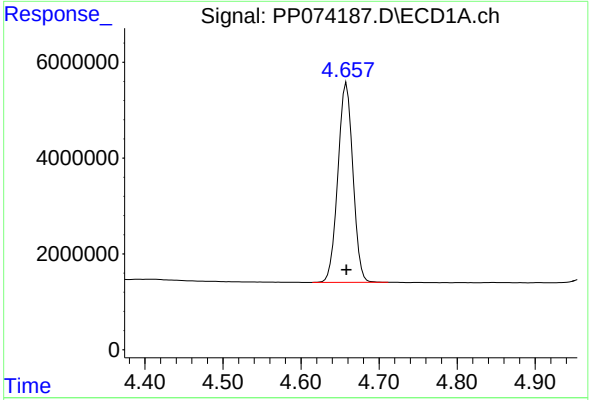
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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



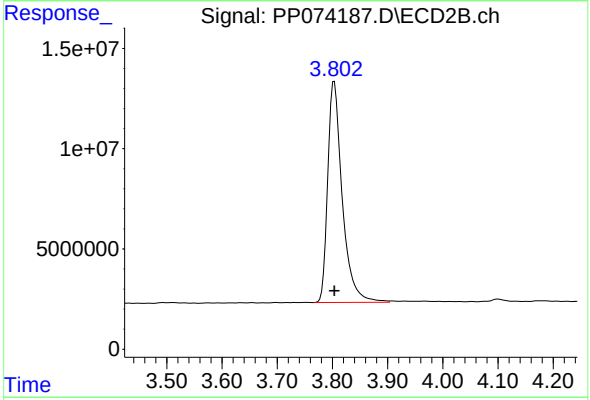




#1 Tetrachloro-m-xylene

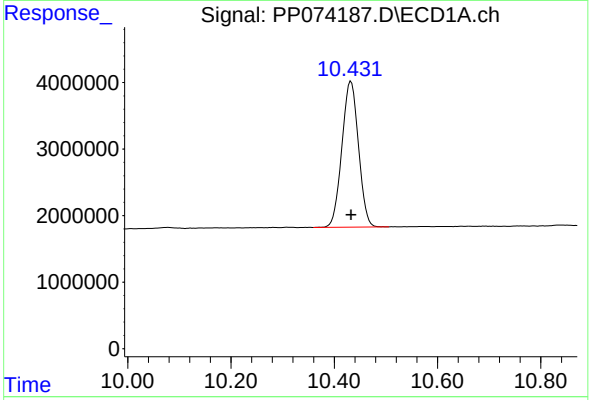
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



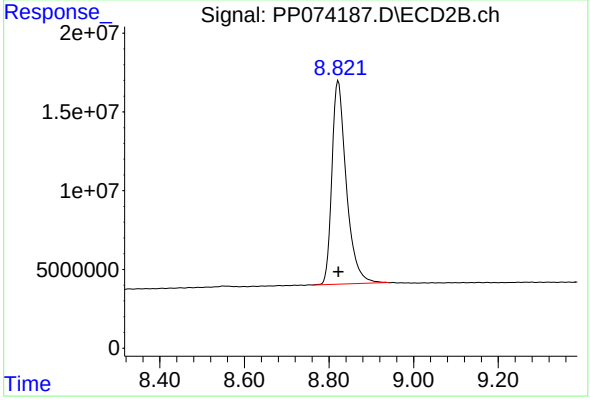
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



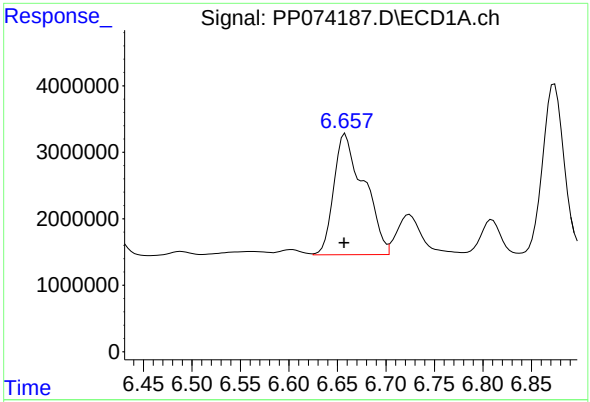
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

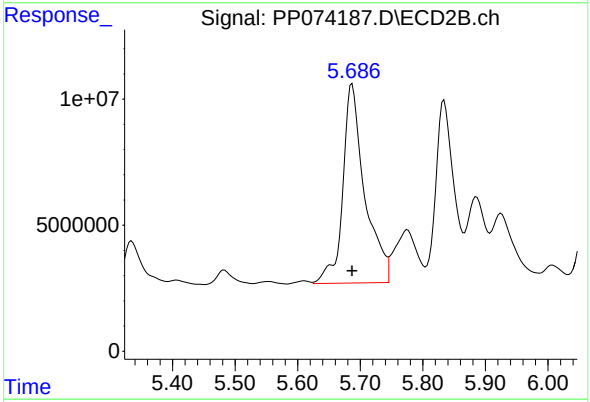
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



#26 AR-1254-1

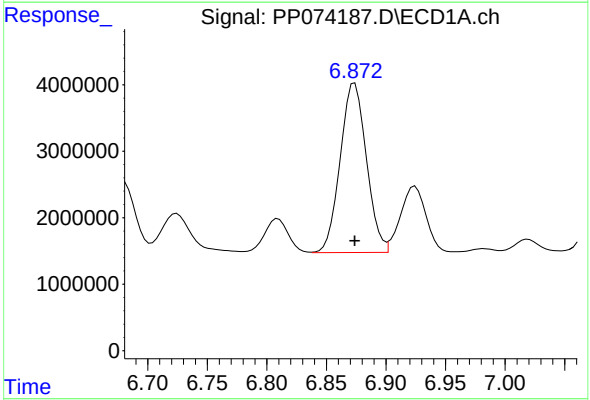
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 39387303
Conc: 726.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



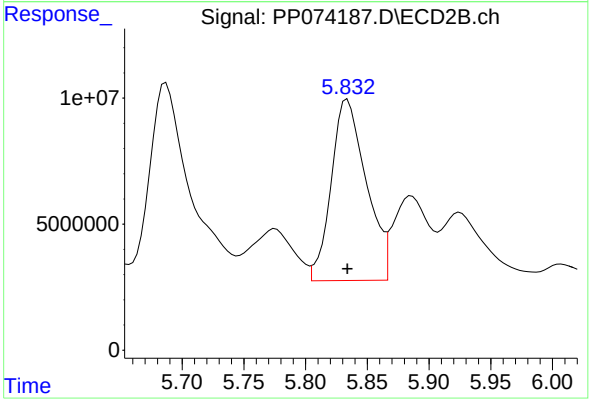
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



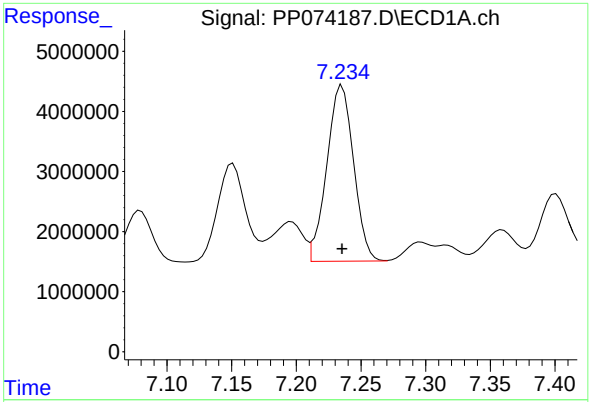
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

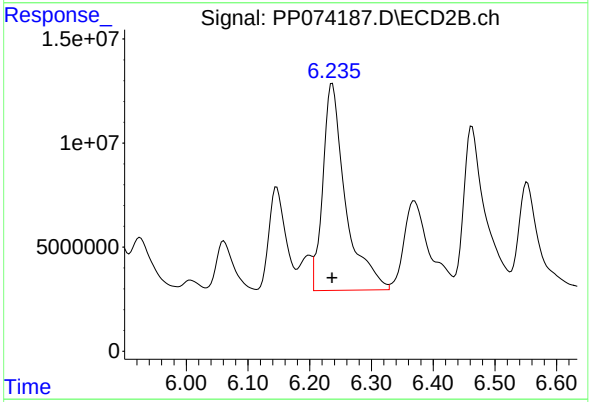
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



#28 AR-1254-3

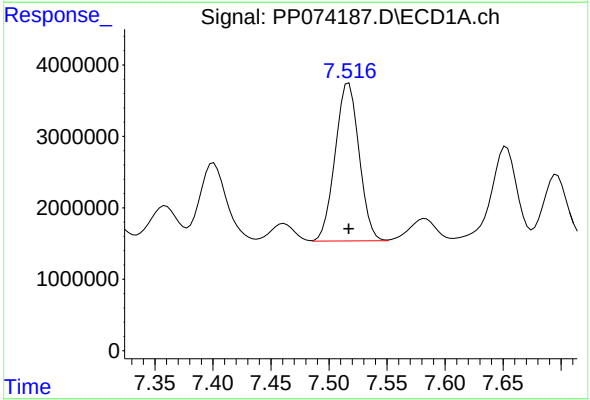
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



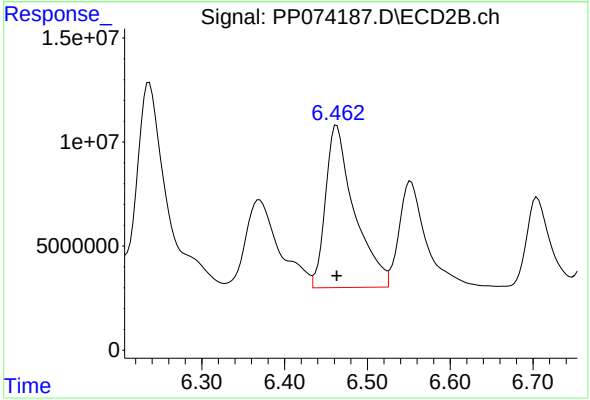
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



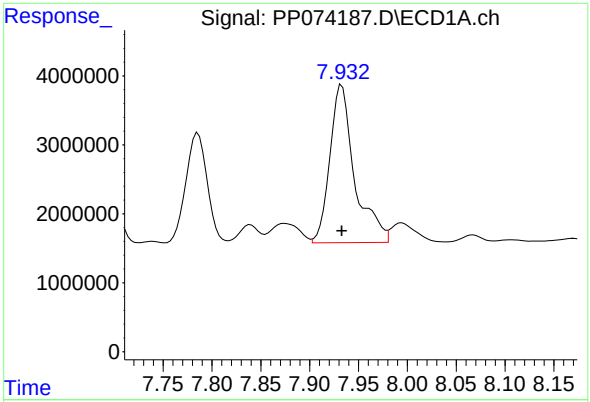
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

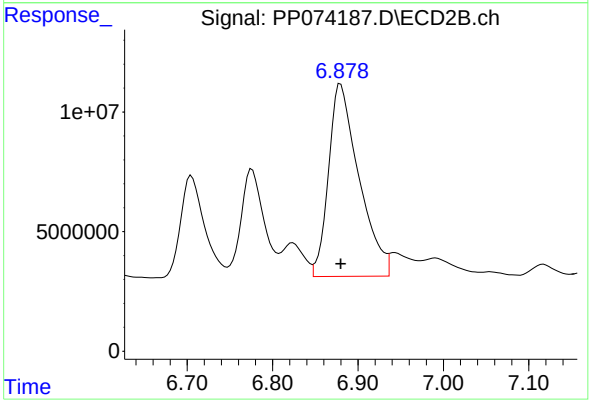
R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 40327283
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 199113358
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
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: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	29734018	92012238	26.684	22.775
2)	SA Decachlor...	10.431	8.821	26431747	157.0E6	26.995	25.657
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.687	21966850	94373679	405.118	245.075 #
27)	L6 AR-1254-2	6.873	5.834	21644264	72682229	276.899	255.801
28)	L6 AR-1254-3	7.235	6.236	23355124	131.7E6	276.458	258.769
29)	L6 AR-1254-4	7.516	6.462	17399794	98587777	274.320	261.437
30)	L6 AR-1254-5	7.932	6.879	22010158	98393861	272.894	247.080

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

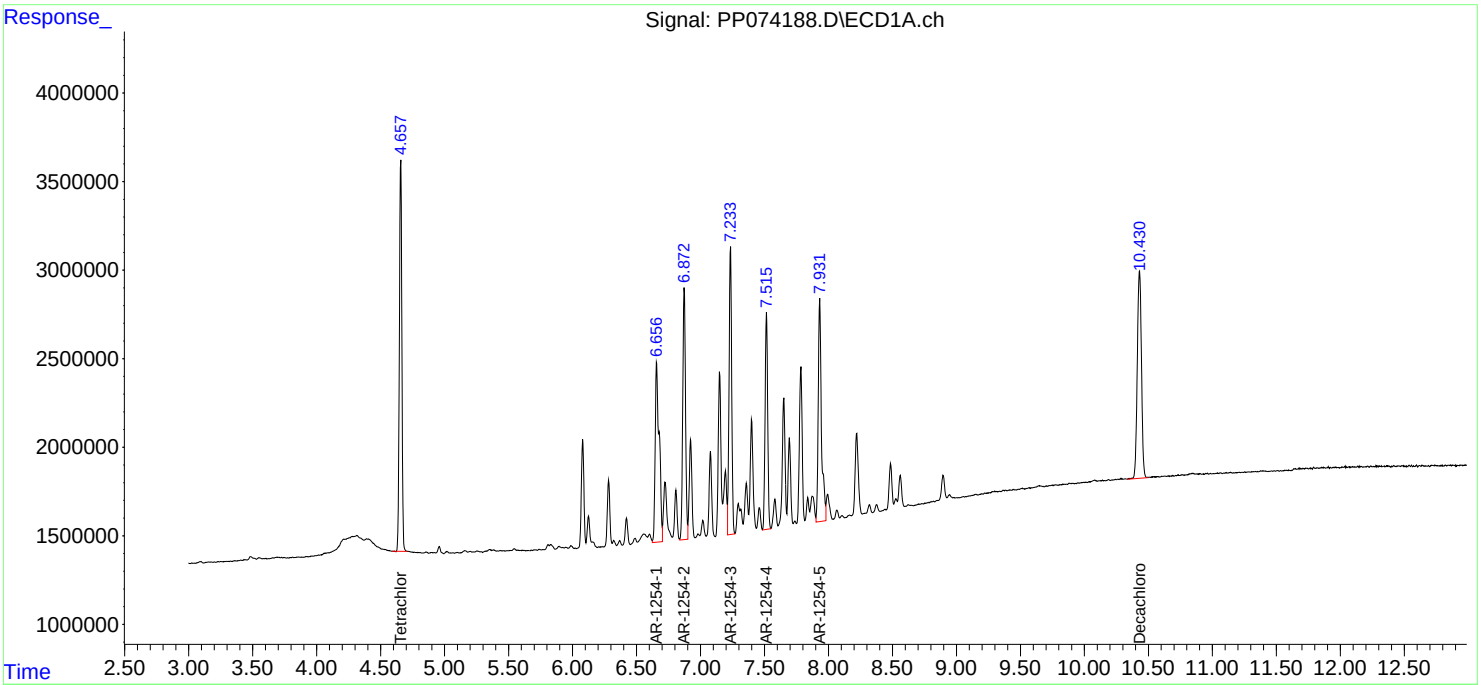
Quantitation Report (Not Reviewed)

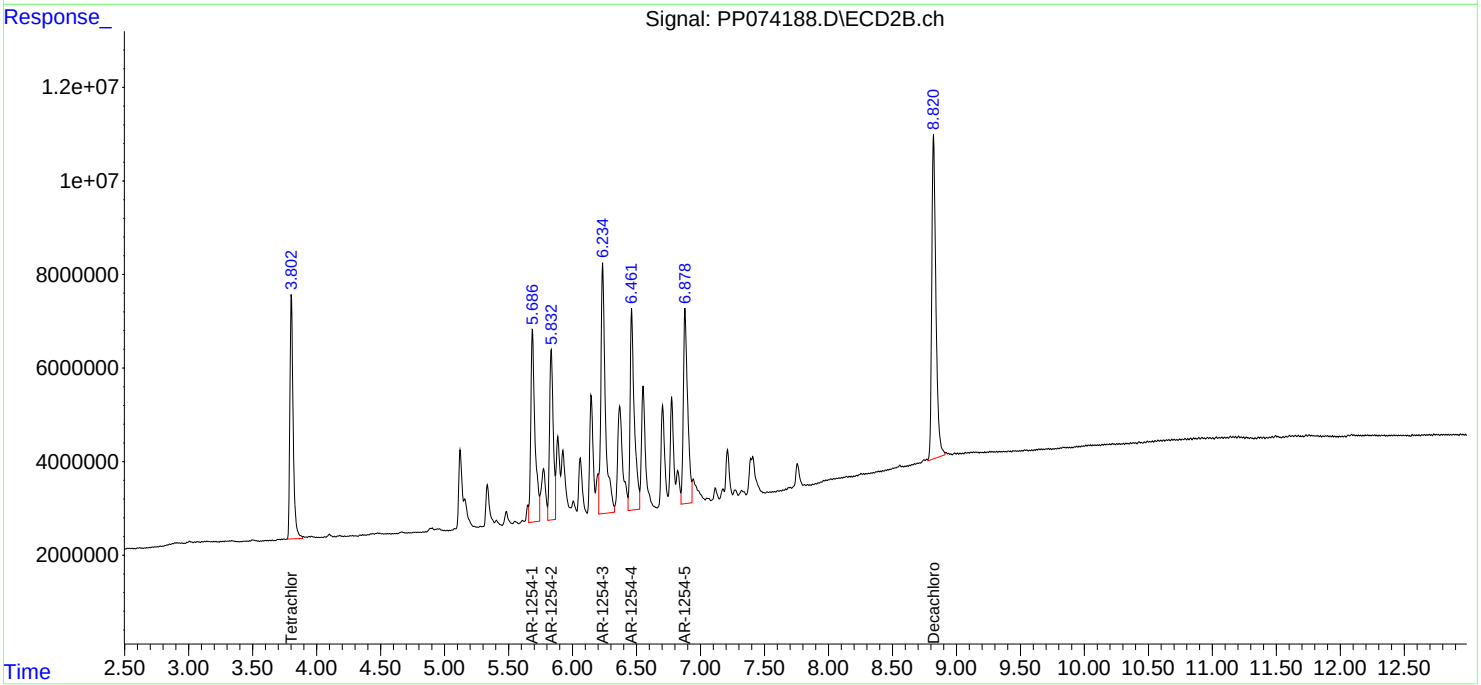
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

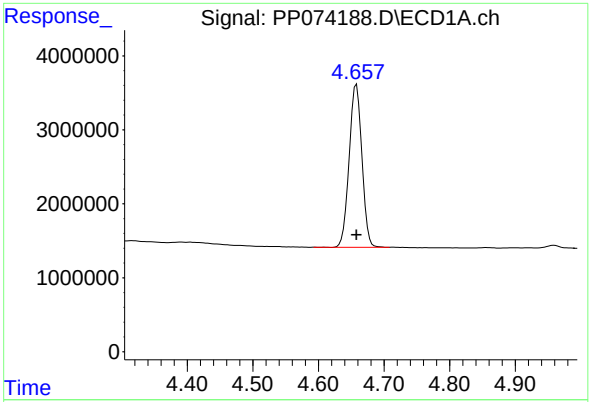
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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



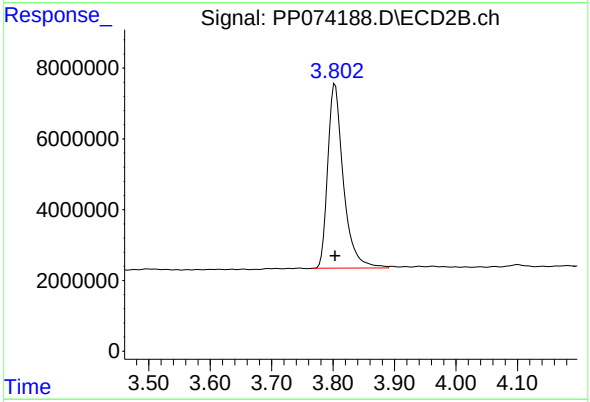




#1 Tetrachloro-m-xylene

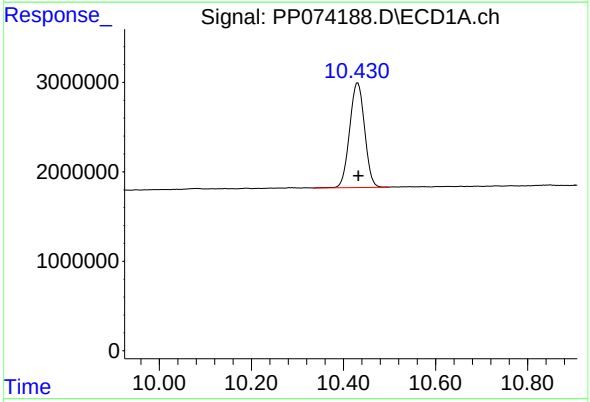
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



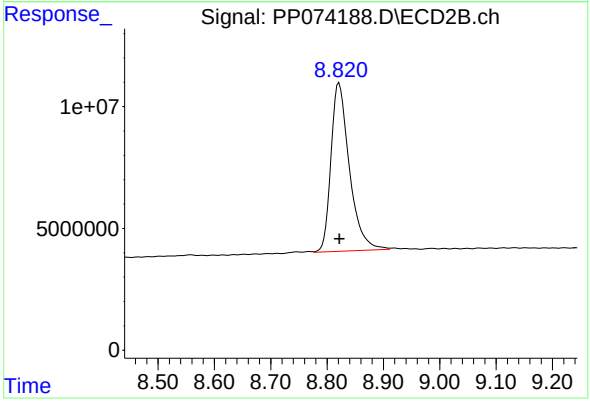
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



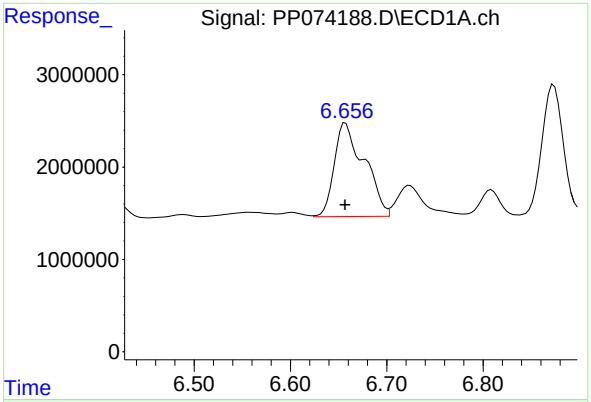
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

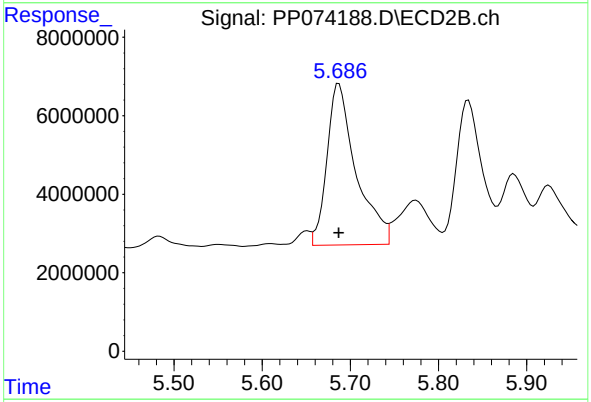
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



#26 AR-1254-1

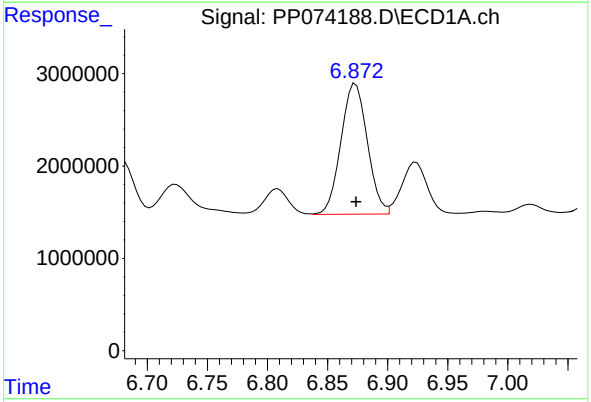
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 21966850
Conc: 405.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



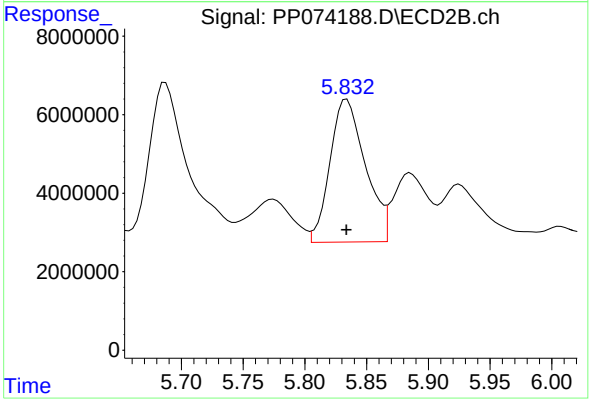
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



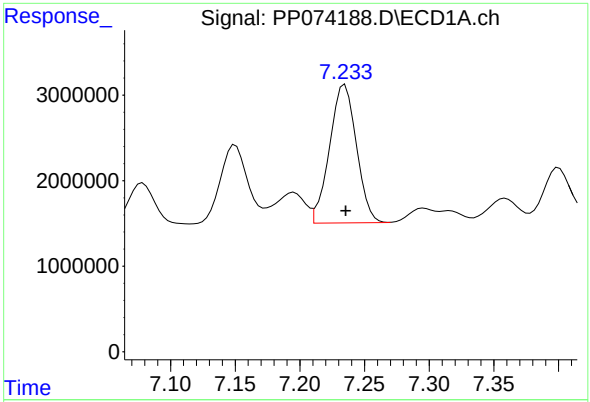
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml



#27 AR-1254-2

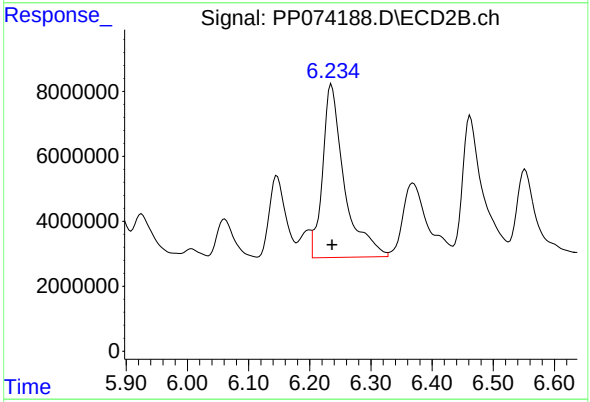
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml



#28 AR-1254-3

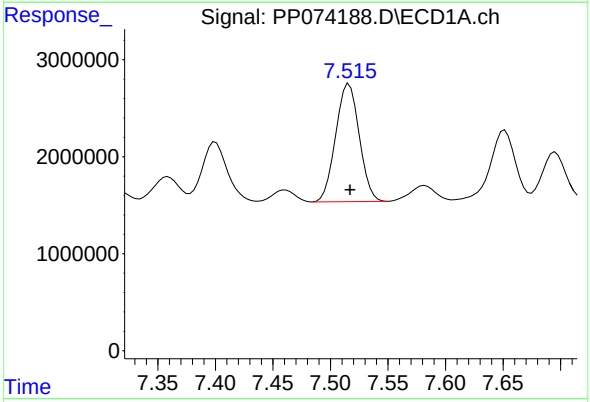
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



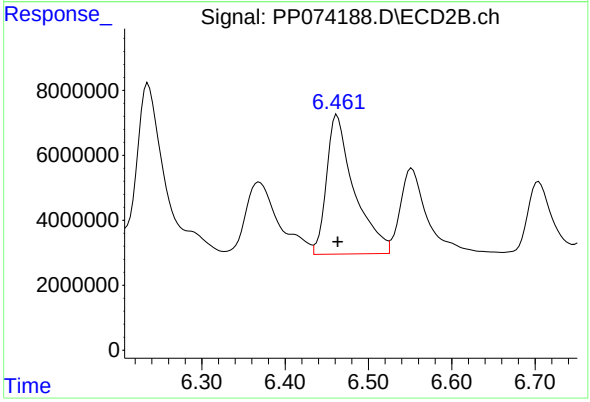
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



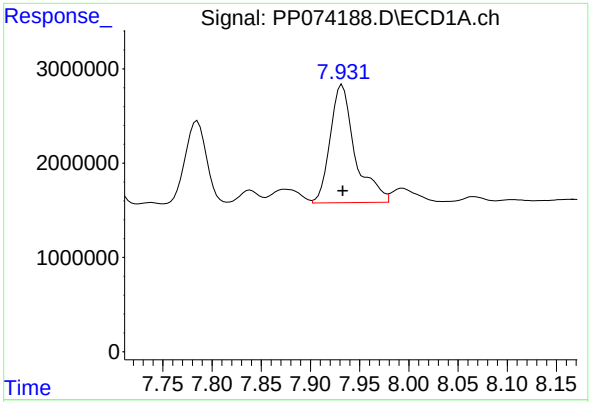
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

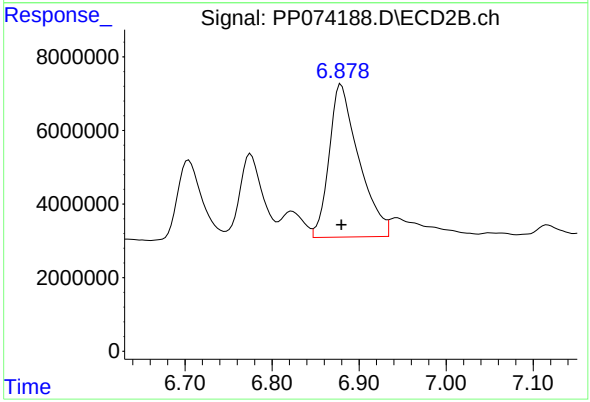
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 22010158
Conc: 272.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 98393861
Conc: 247.08 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 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...	4.657	3.804	5935360	12647504	5.284	3.358	#
2)	SA Decachlor...	10.430	8.823	5026515	24210870	5.158	4.086	
	Target Compounds							
26)	L6 AR-1254-1	6.656	5.689	4505164	16116298	83.459	44.012	#
27)	L6 AR-1254-2	6.872	5.836	4500635	12761430	56.609	45.869	
28)	L6 AR-1254-3	7.234	6.237	5142235	18482386	58.892	37.780	#
29)	L6 AR-1254-4	7.515	6.464	3412924	14935198	53.486	40.633	
30)	L6 AR-1254-5	7.931	6.881	4380720	14900727	53.986	37.906	#

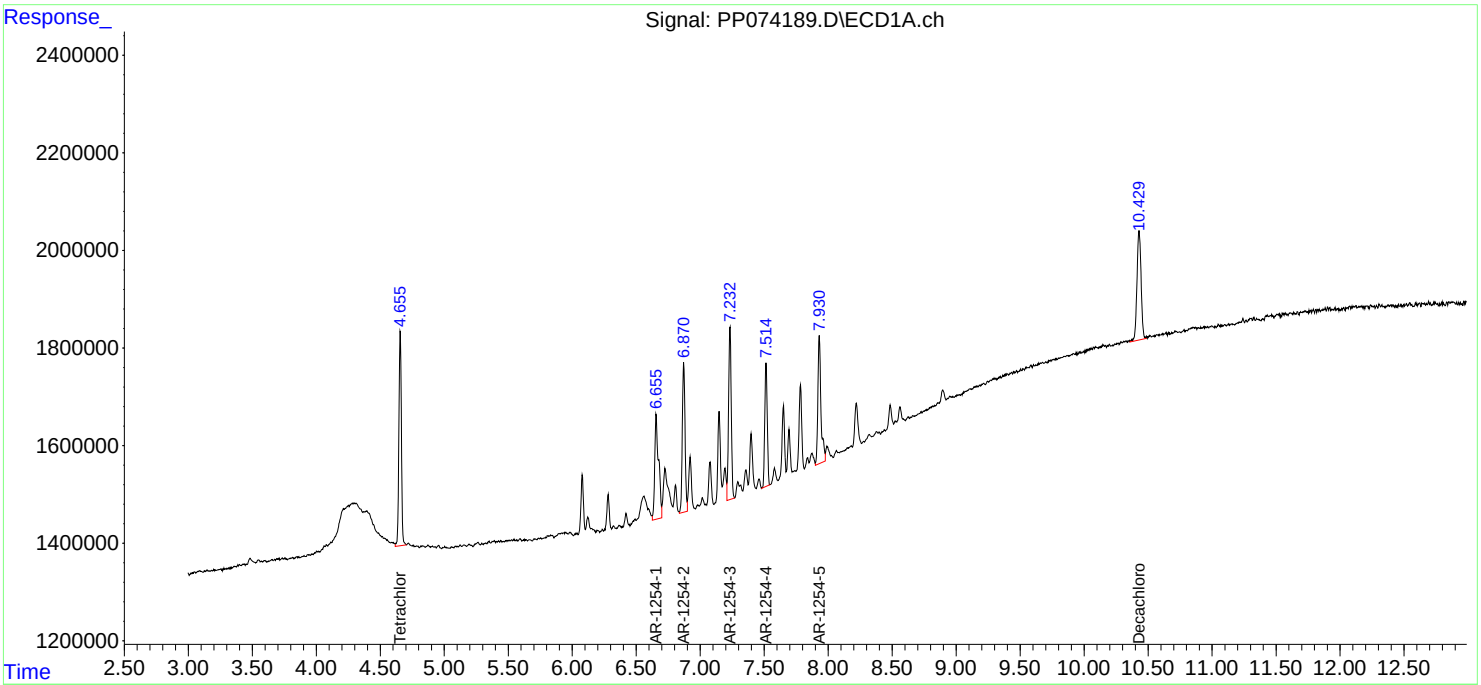
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

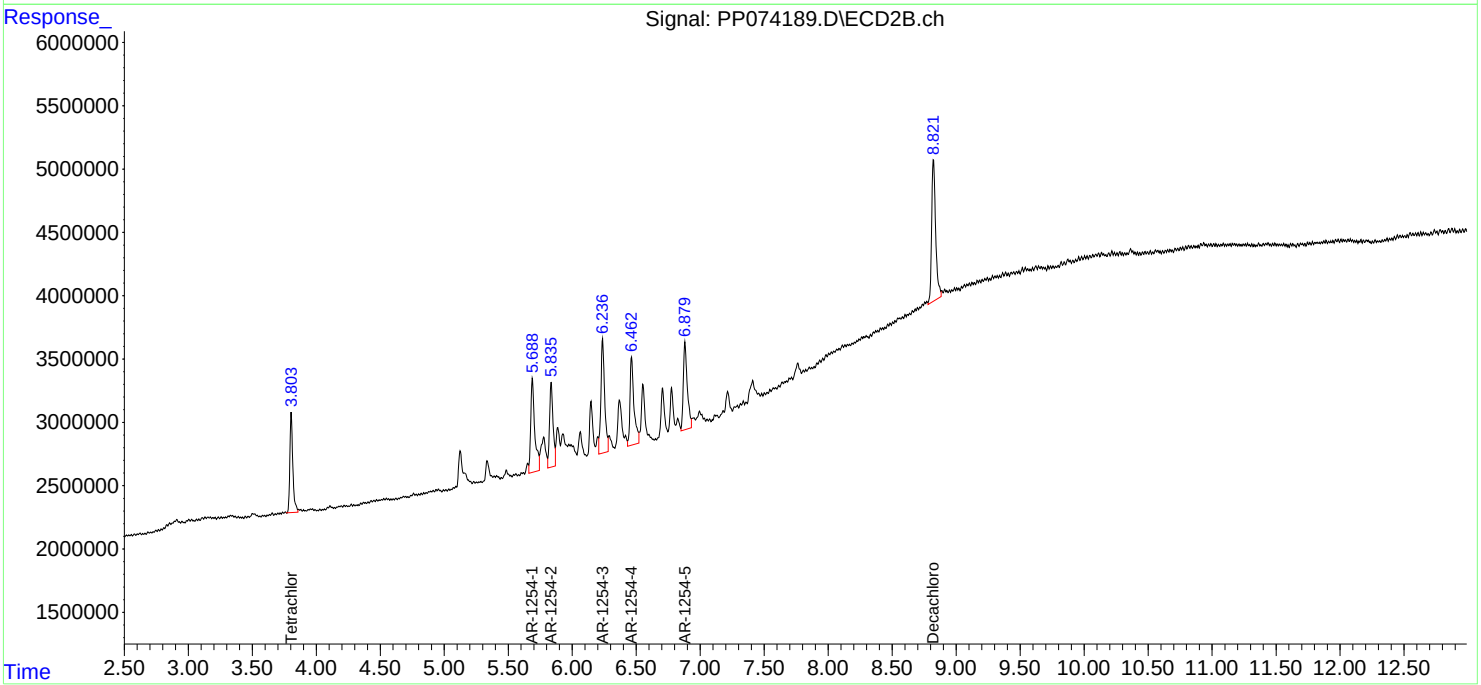
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

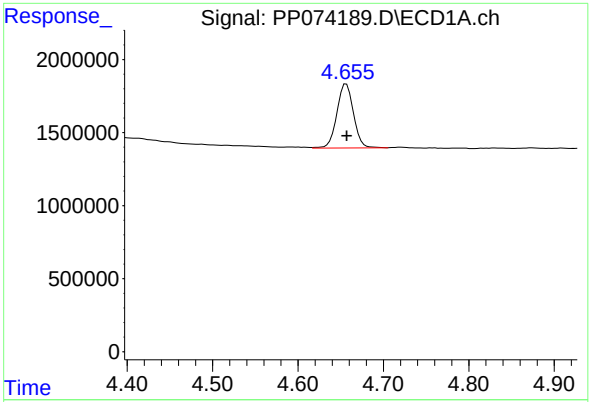
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 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



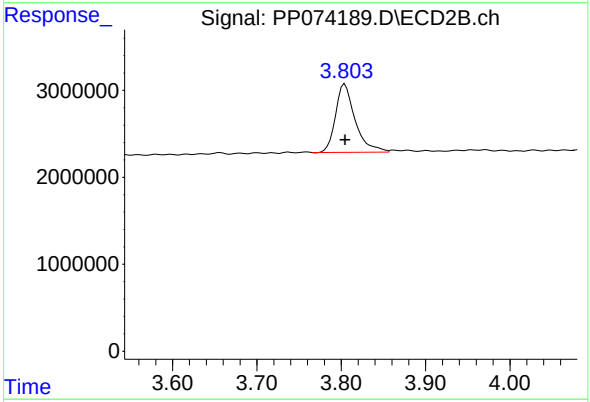




#1 Tetrachloro-m-xylene

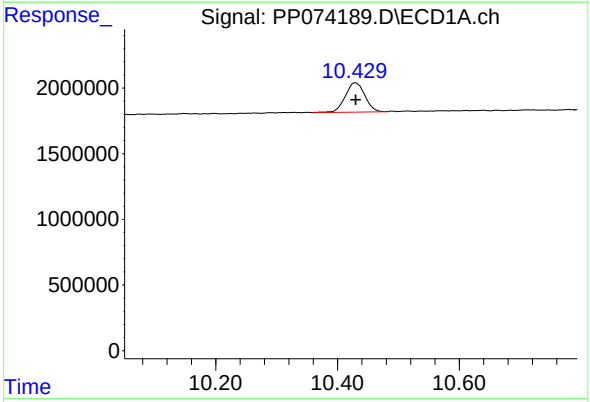
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



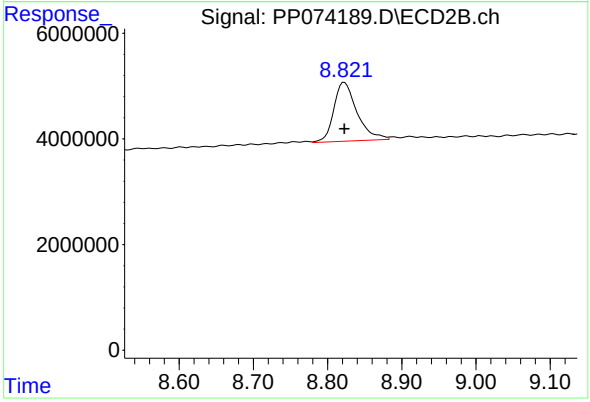
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



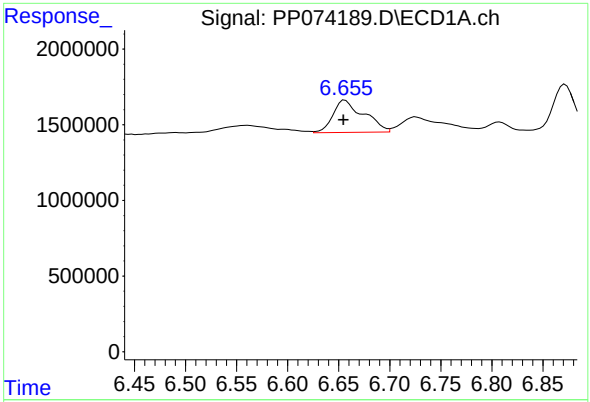
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

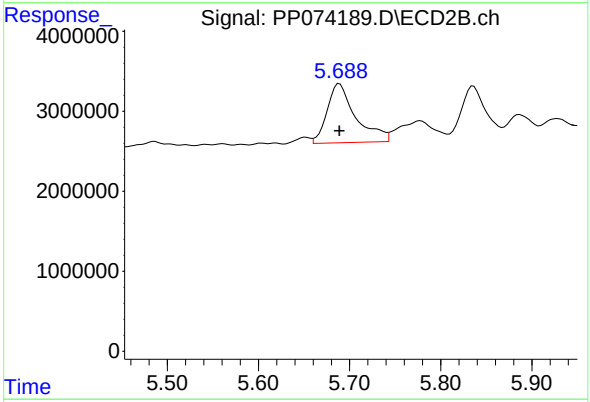
R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



#26 AR-1254-1

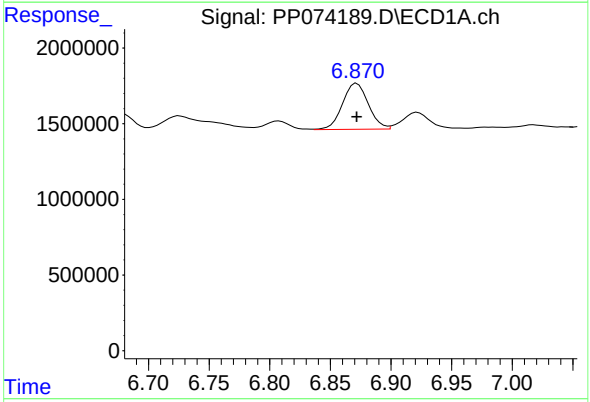
R.T.: 6.656 min
Delta R.T.: 0.001 min
Response: 4505164
Conc: 83.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



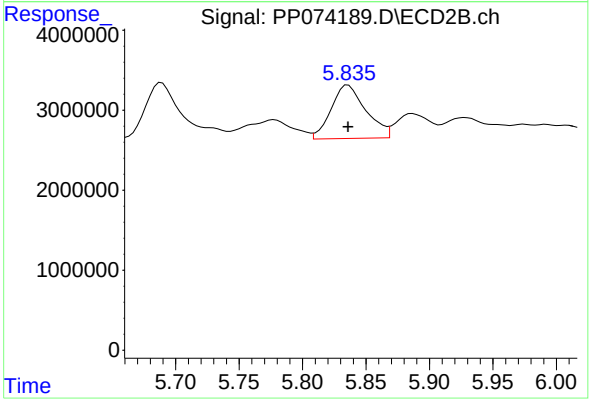
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



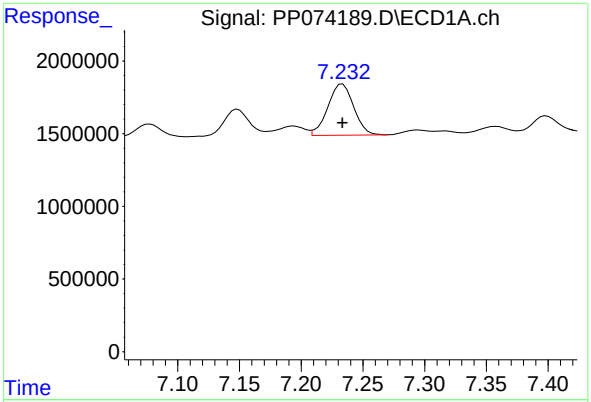
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

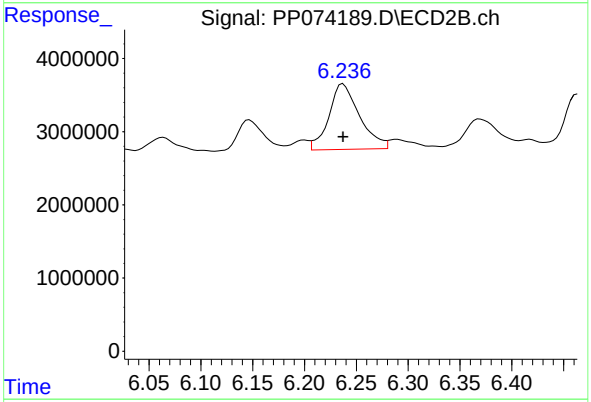
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



#28 AR-1254-3

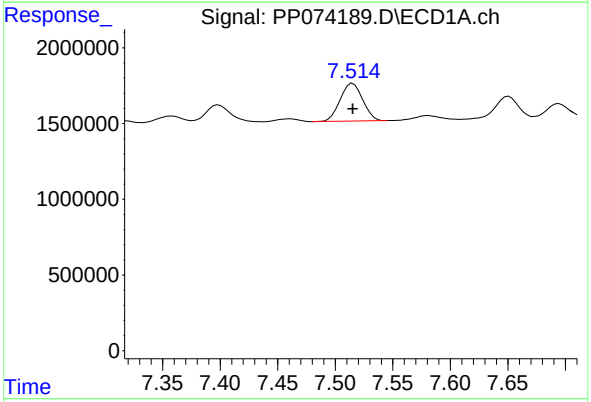
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



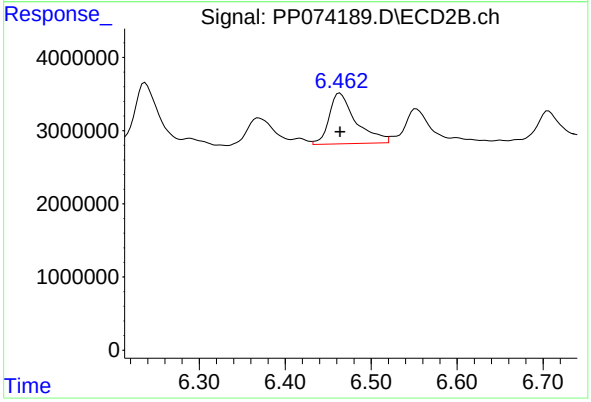
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



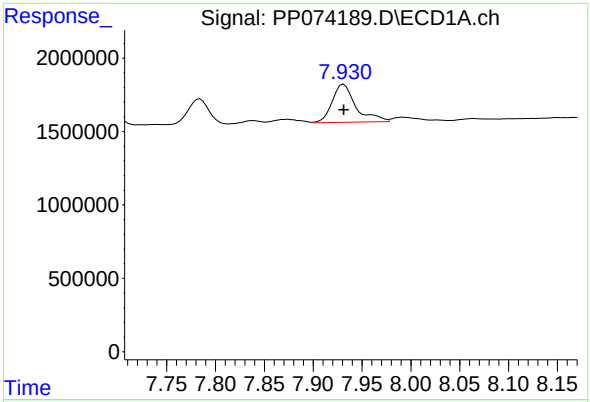
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

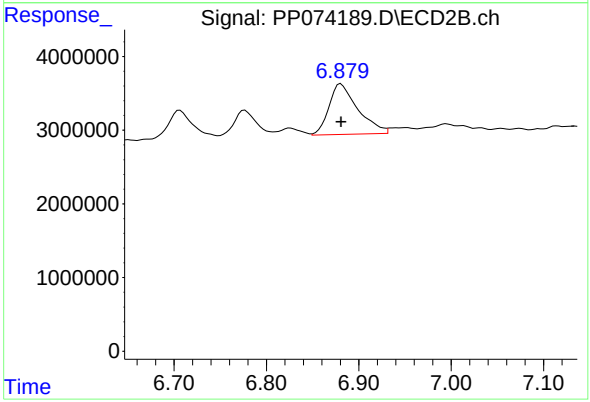
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 4380720
Conc: 53.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 14900727
Conc: 37.91 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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...	4.655	3.804	55143327	198.9E6	49.310	51.866	
2)	SA	Decachlor...	10.427	8.822	47800939	295.6E6	49.220	49.156	
	Target Compounds								
3)	L1	AR-1016-1	5.806	4.904	17499270	167.4E6	424.155	419.611	
4)	L1	AR-1016-2	5.827	4.962	25894594	77861664	426.307	414.579	
5)	L1	AR-1016-3	5.890	5.082	17050061	43676713	429.900	411.774	
6)	L1	AR-1016-4	5.987	5.123	14124012	42005219	433.991	384.593	
7)	L1	AR-1016-5	6.280	5.337	14033364	49362976	432.221	422.038	
8)	L2	AR-1221-1	4.850	4.014	2188169	5427967	130.531	110.583	
9)	L2	AR-1221-2	4.940	4.101	3152368	7977800	250.167	222.289	
10)	L2	AR-1221-3	5.015	4.177	10712240	35262086	292.403	260.767	
11)	L3	AR-1232-1	5.015	4.177	10712240	35262086	368.913	347.881	
12)	L3	AR-1232-2	5.541	4.904	13527303	167.4E6	899.259	960.470	
13)	L3	AR-1232-3	5.827	5.082	25894594	43676713	892.864	953.294	
14)	L3	AR-1232-4	5.987	5.165	14124012	78538633	913.063	1353.864	#
15)	L3	AR-1232-5	6.076	5.337	11989403	49362976	1023.335	1050.735	
16)	L4	AR-1242-1	5.806	4.904	17499270	167.4E6	469.580	484.954	
17)	L4	AR-1242-2	5.827	4.962	25894594	77861664	475.925	476.575	
18)	L4	AR-1242-3	5.890	5.082	17050061	43676713	477.113	473.468	
19)	L4	AR-1242-4	5.987	5.165	14124012	78538633	483.390	657.658	#
20)	L4	AR-1242-5	6.716	5.686	16823190	70286035	473.119	469.952	
21)	L5	AR-1248-1	5.806	4.904	17499270	167.4E6	624.650	782.387	#
22)	L5	AR-1248-2	6.076	5.123	11989403	42005219	297.791	287.092	
23)	L5	AR-1248-3	6.280	5.165	14033364	78538633	314.836	458.058	#
24)	L5	AR-1248-4	6.677	5.337	14725685	49362976	282.984	296.700	
25)	L5	AR-1248-5	6.716	5.726	16823190	76598345	295.438	263.255	
26)	L6	AR-1254-1	6.651	5.686	10912353	70286035	207.297	191.943	
27)	L6	AR-1254-2	6.872	5.834	13215605	16964136	166.224	60.974	#
28)	L6	AR-1254-3	7.231	6.236	5959793	21465299	68.255	43.877	#
29)	L6	AR-1254-4	7.512	6.461	4317662	17873856	67.665	48.628	#
30)	L6	AR-1254-5	7.928	6.879	1449445	4651318	17.862	11.833	#
31)	L7	AR-1260-1	7.400	6.552	593868	2870221	10.538	7.105	#
32)	L7	AR-1260-2	7.647	6.705	839562	1902548	12.319	6.084	#
33)	L7	AR-1260-3	8.025	6.943	47683	370567	0.895	0.940	
34)	L7	AR-1260-4	8.217	7.184	560766	72352	8.956	0.249	#
35)	L7	AR-1260-5	8.559	7.415	212917	384725	1.879	0.508	#
36)	L8	AR-1262-1	8.217	6.943	560766	370567	7.399	0.658	#
37)	L8	AR-1262-2	8.559	7.170	212917	147921	1.632	0.369	#
38)	L8	AR-1262-3	8.894	7.699	131960	339738	1.403	0.945	#
39)	L8	AR-1262-4	8.981	7.758	35860	593683	0.492	0.890	#
40)	L8	AR-1262-5	9.662	8.258	83218	116580	1.634	0.412	#
41)	L9	AR-1268-1	8.894	7.699	131960	339738	0.848	0.312	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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	8.981	7.758	35860	593683	0.250	0.559	#
43) L9	AR-1268-3	9.214	7.972	255483	1184209	2.138	1.423	#
44) L9	AR-1268-4	9.662	8.258	83218	116580	1.415	0.378	#
45) L9	AR-1268-5	10.072	8.563	363528	1086905	1.034	0.426	#

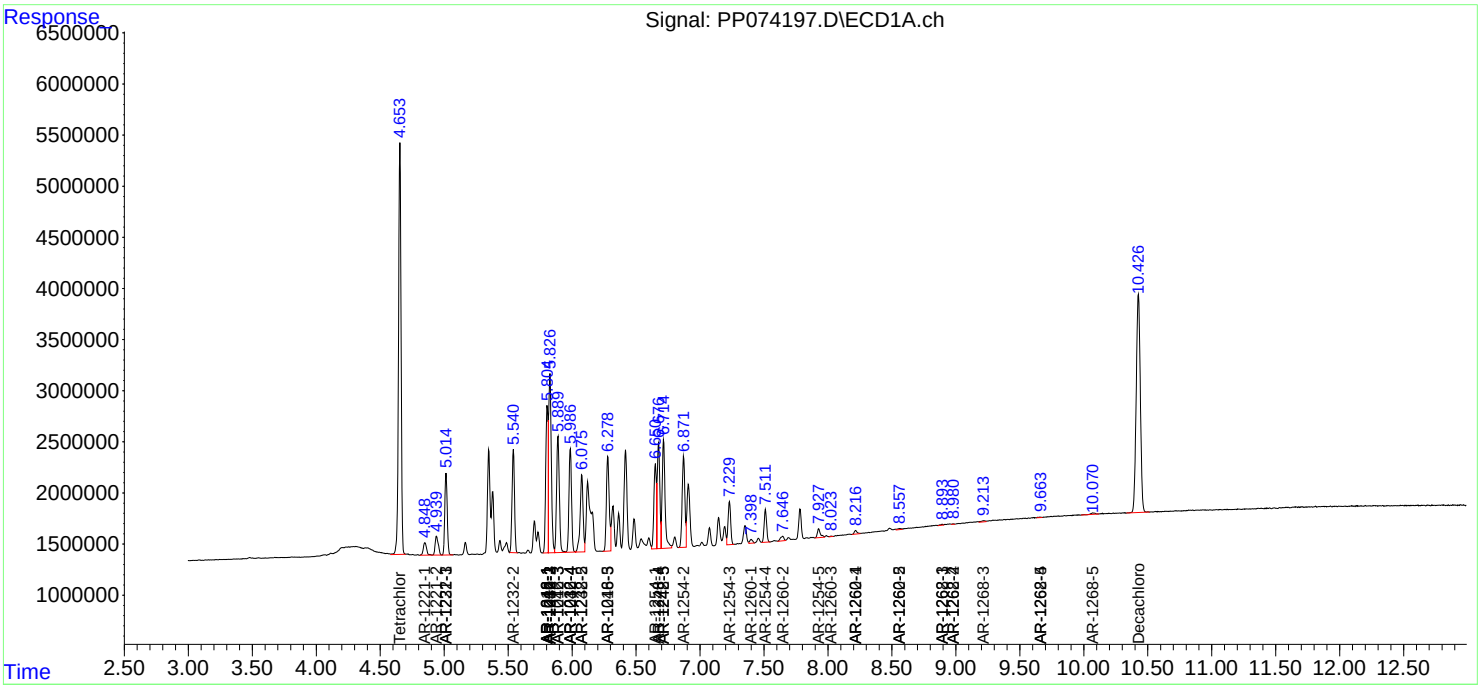
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

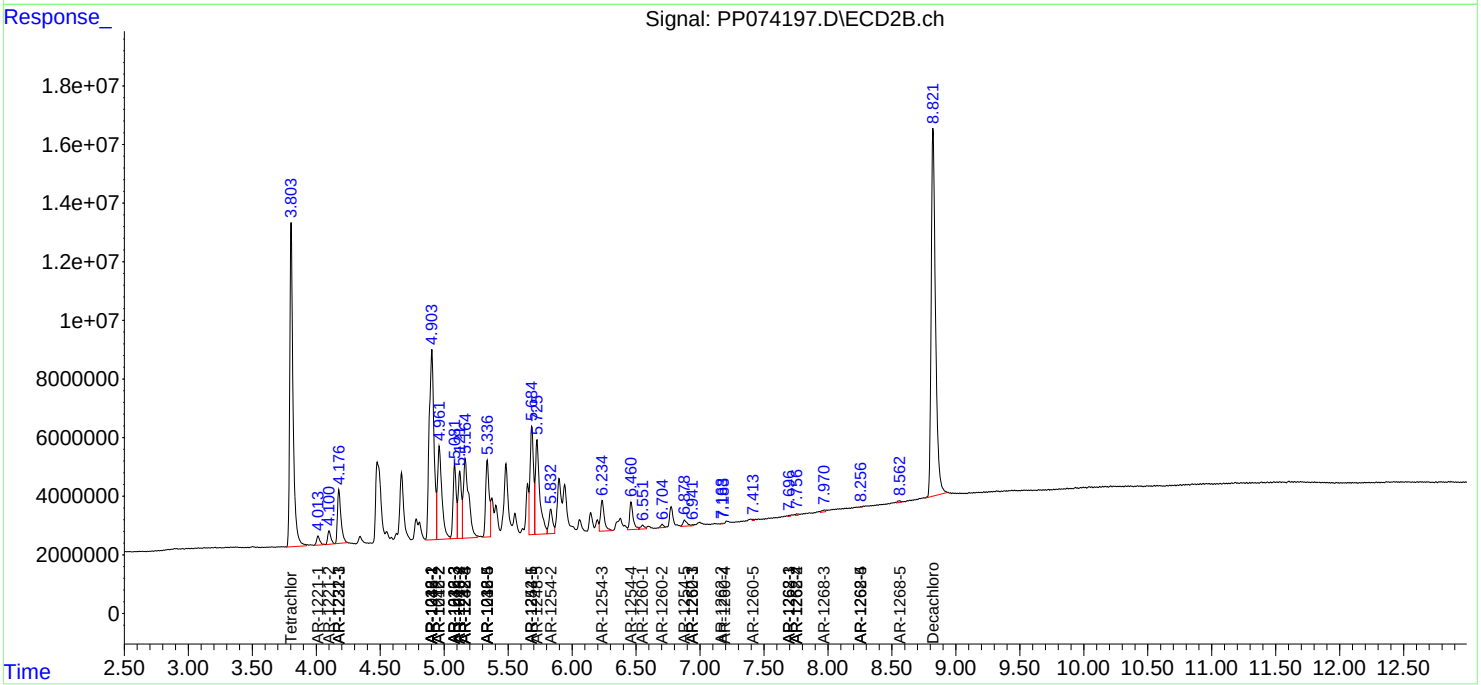
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

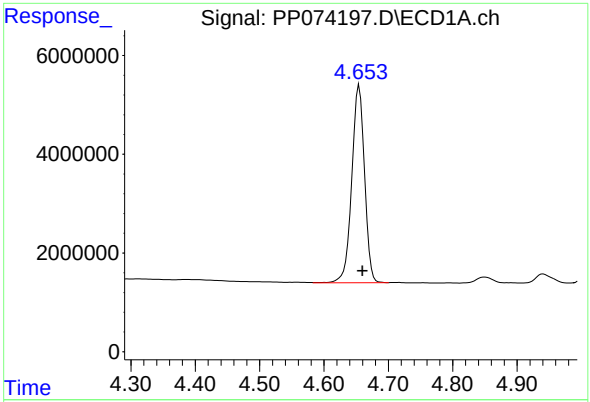
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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



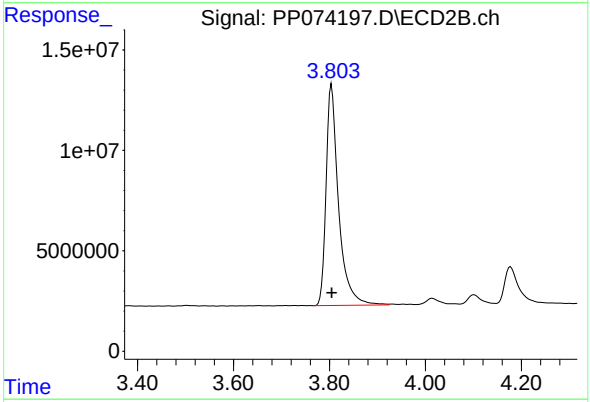




#1 Tetrachloro-m-xylene

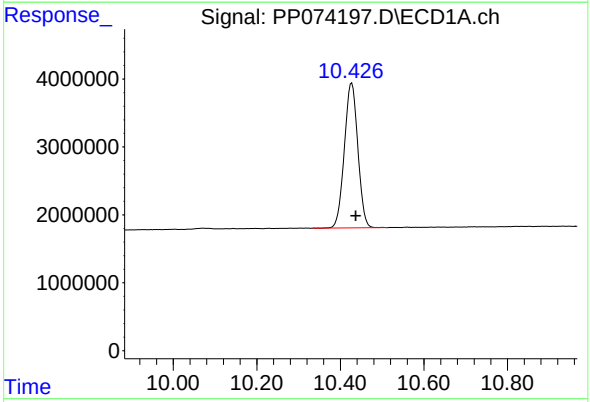
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



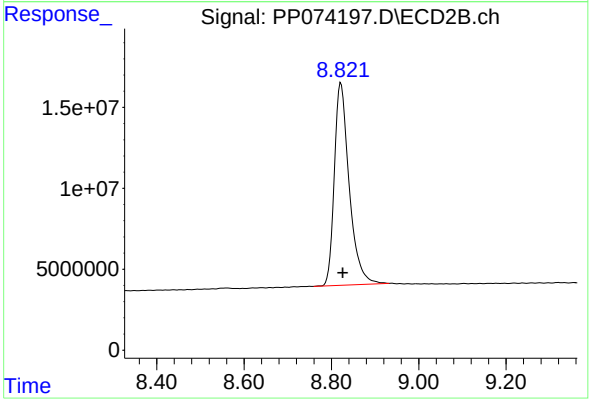
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



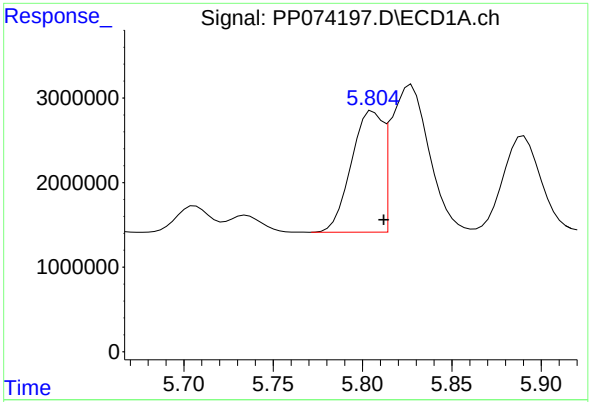
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

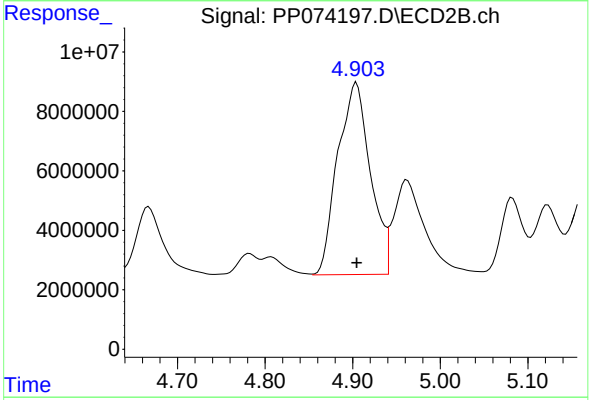
R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



#3 AR-1016-1

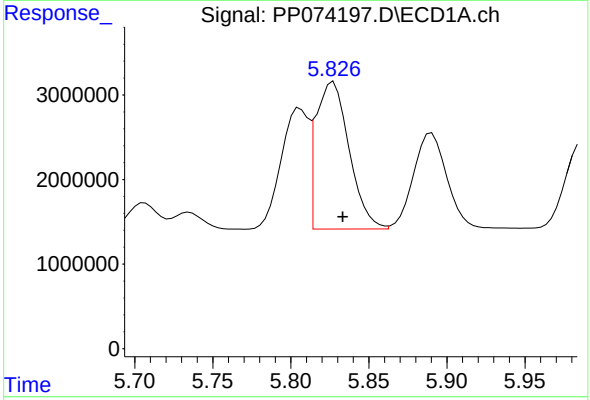
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 17499270
Conc: 424.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



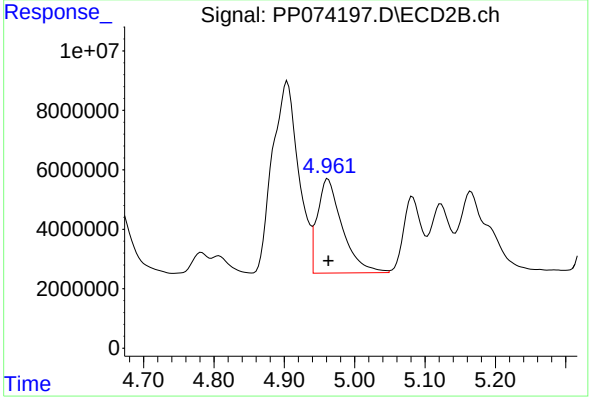
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 419.61 ng/ml



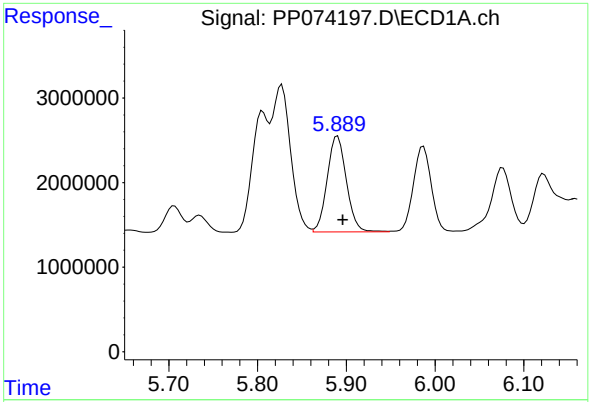
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 25894594
Conc: 426.31 ng/ml



#4 AR-1016-2

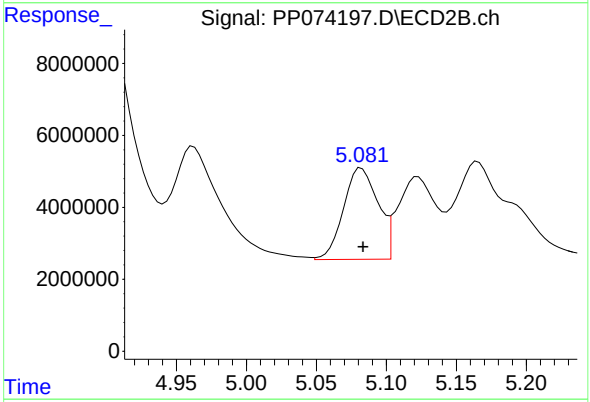
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 414.58 ng/ml



#5 AR-1016-3

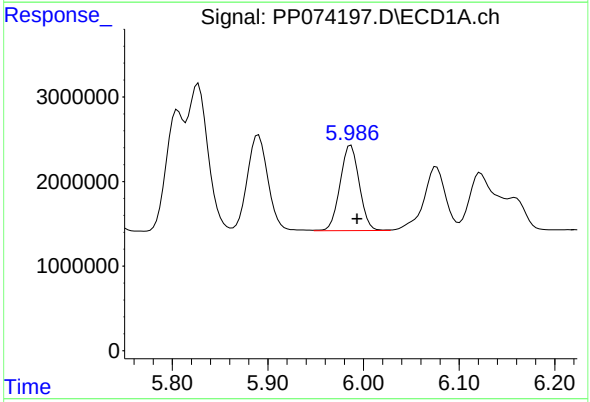
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 17050061
Conc: 429.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



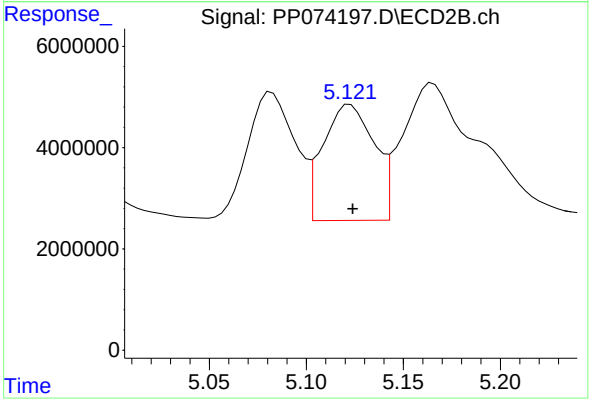
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 43676713
Conc: 411.77 ng/ml



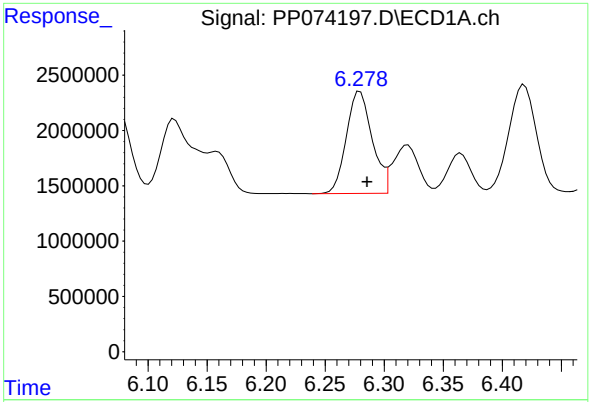
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 433.99 ng/ml



#6 AR-1016-4

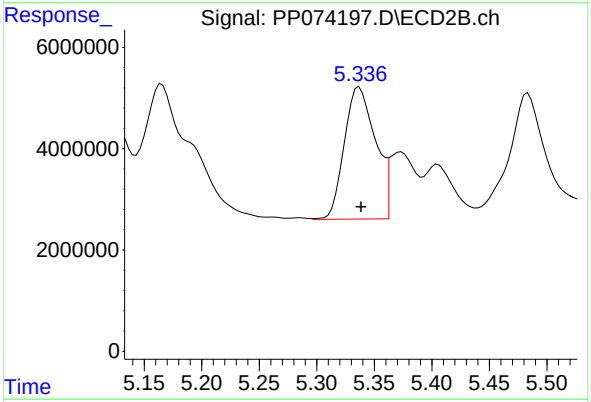
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 42005219
Conc: 384.59 ng/ml



#7 AR-1016-5

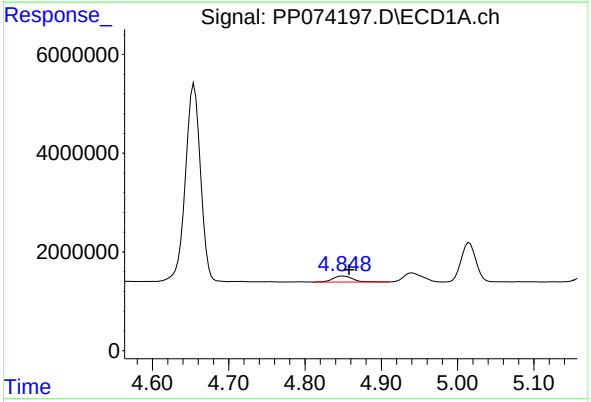
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 432.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



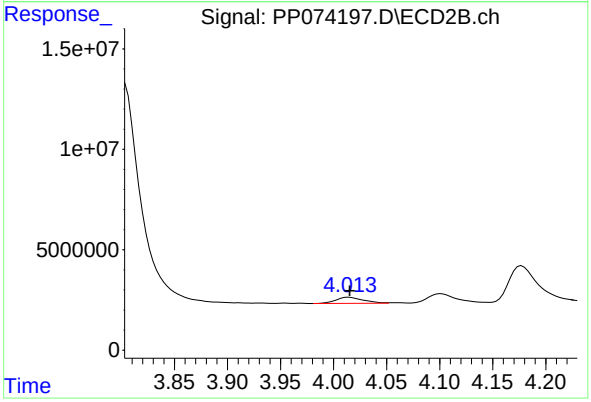
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 49362976
Conc: 422.04 ng/ml



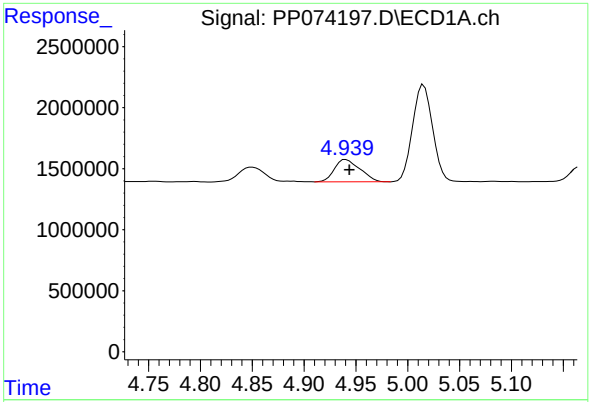
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.008 min
Response: 2188169
Conc: 130.53 ng/ml



#8 AR-1221-1

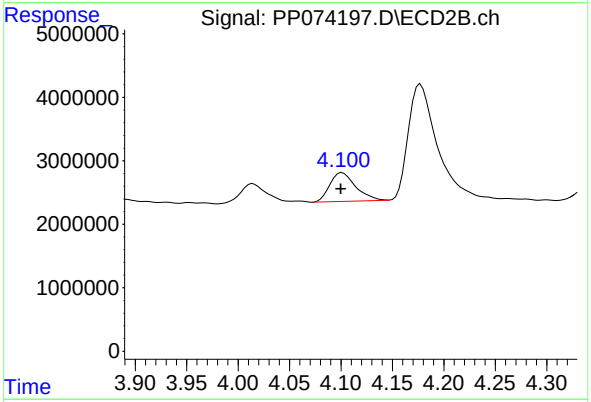
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 5427967
Conc: 110.58 ng/ml



#9 AR-1221-2

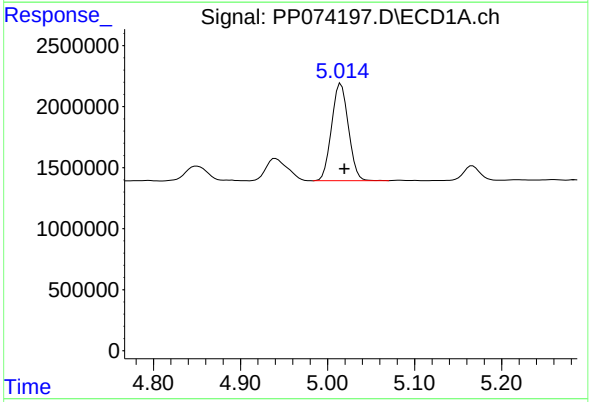
R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 3152368
Conc: 250.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



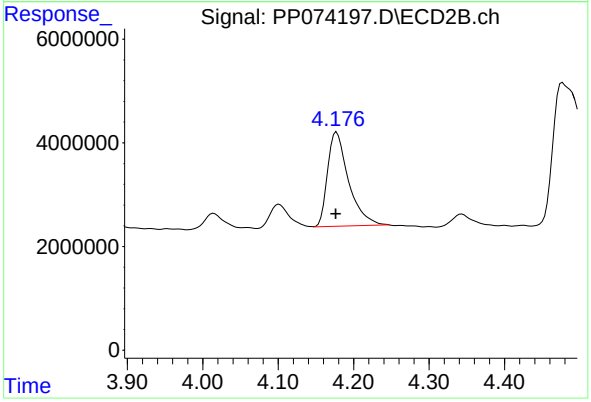
#9 AR-1221-2

R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 7977800
Conc: 222.29 ng/ml



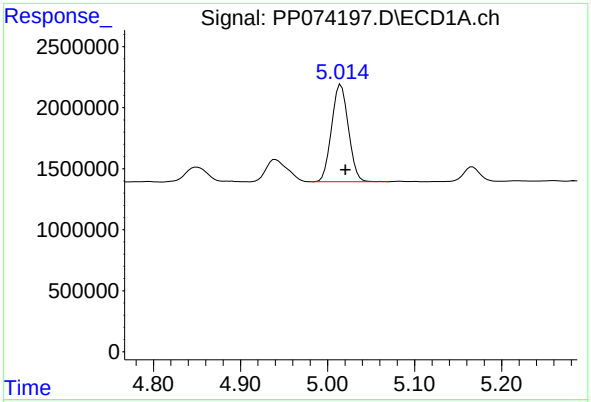
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 10712240
Conc: 292.40 ng/ml



#10 AR-1221-3

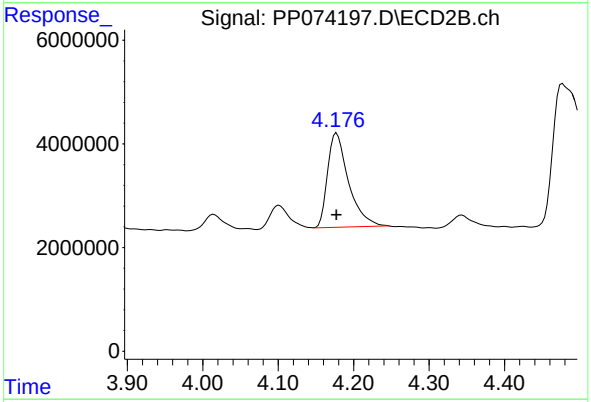
R.T.: 4.177 min
Delta R.T.: 0.001 min
Response: 35262086
Conc: 260.77 ng/ml



#11 AR-1232-1

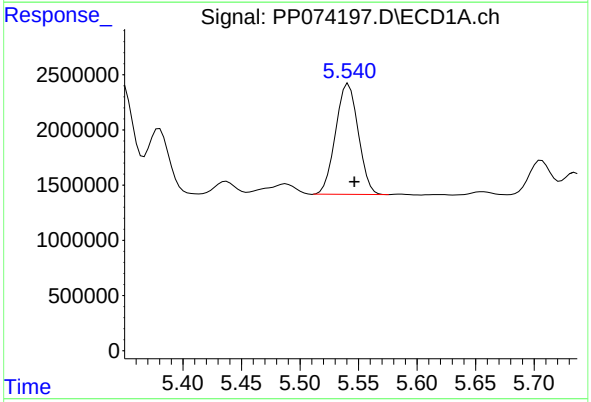
R.T.: 5.015 min
Delta R.T.: -0.005 min
Response: 10712240
Conc: 368.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



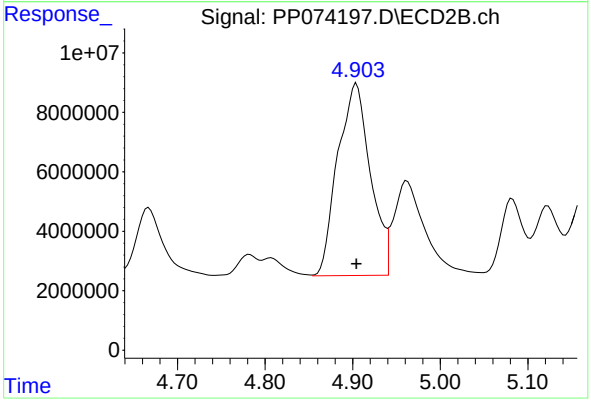
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 35262086
Conc: 347.88 ng/ml



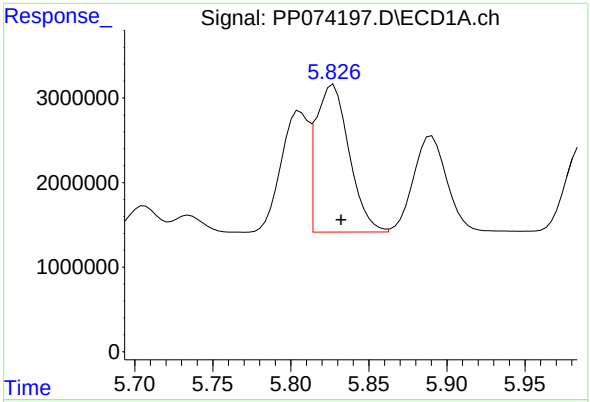
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 13527303
Conc: 899.26 ng/ml



#12 AR-1232-2

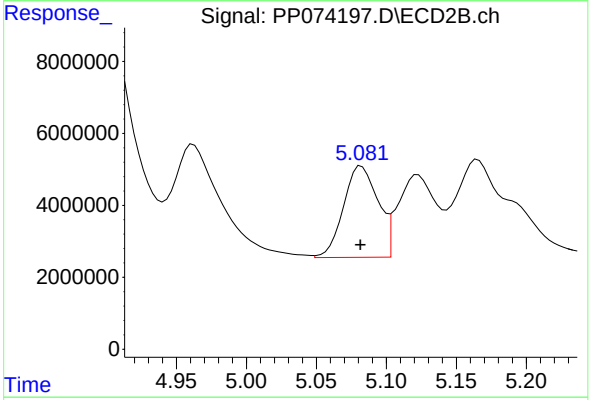
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 960.47 ng/ml



#13 AR-1232-3

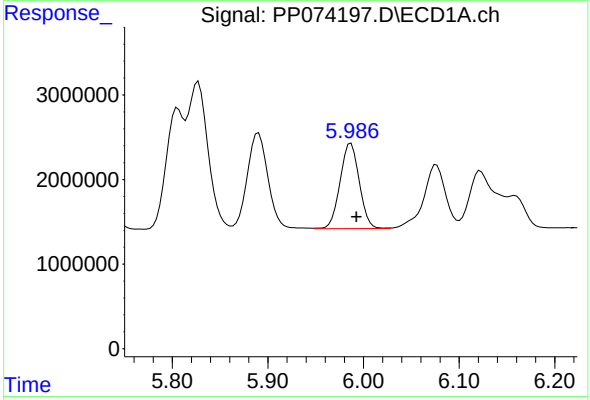
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 892.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



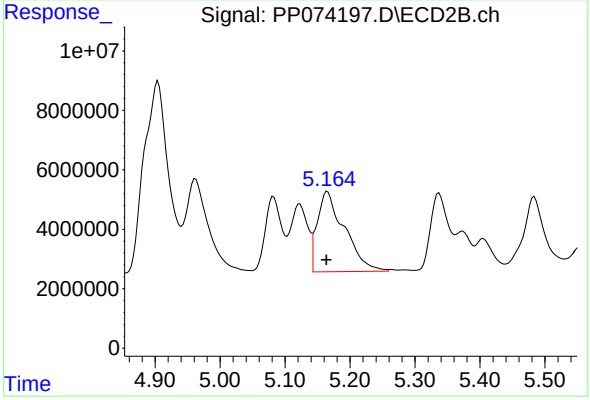
#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 953.29 ng/ml



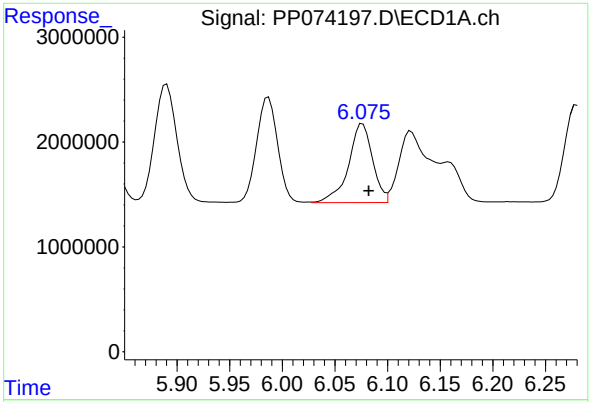
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 913.06 ng/ml



#14 AR-1232-4

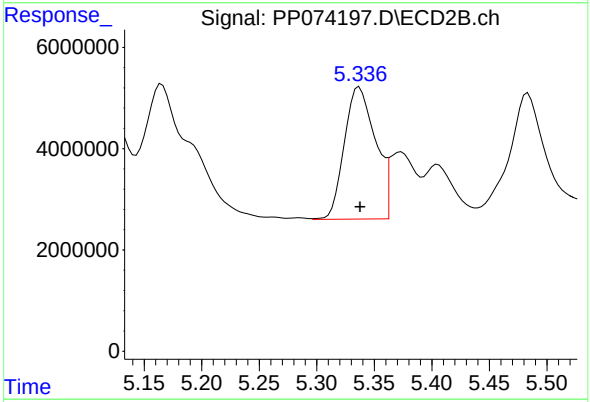
R.T.: 5.165 min
Delta R.T.: 0.002 min
Response: 78538633
Conc: 1353.86 ng/ml



#15 AR-1232-5

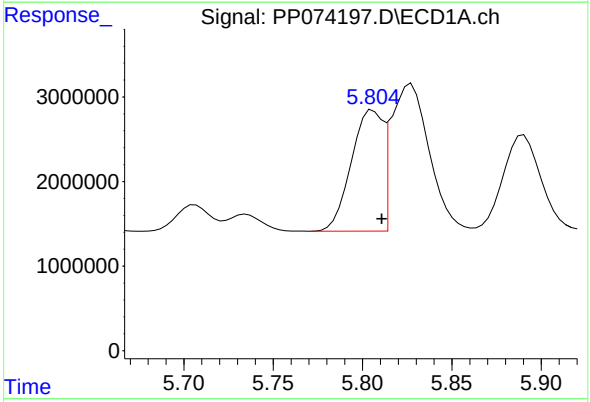
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 1023.33 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



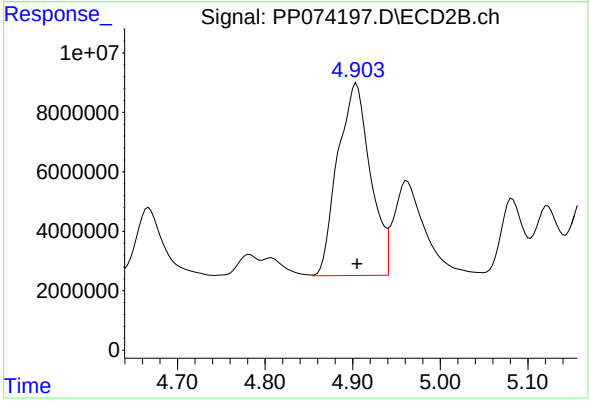
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 49362976
Conc: 1050.74 ng/ml



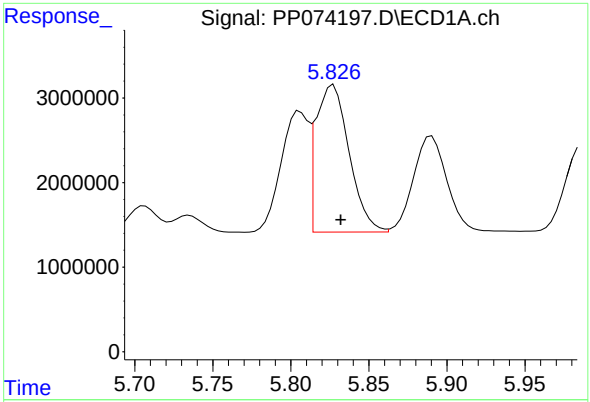
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml



#16 AR-1242-1

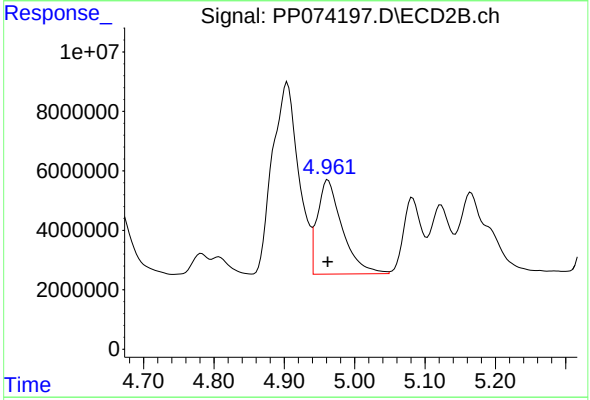
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



#17 AR-1242-2

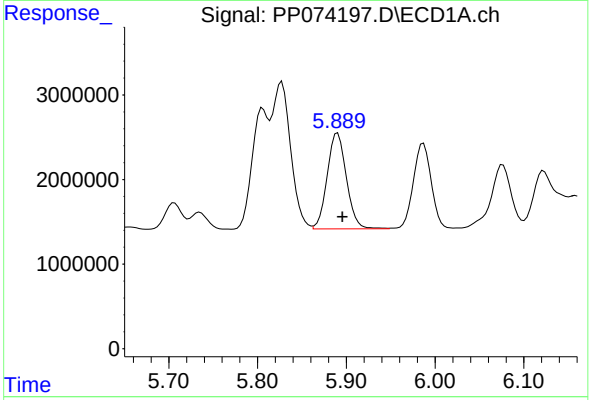
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



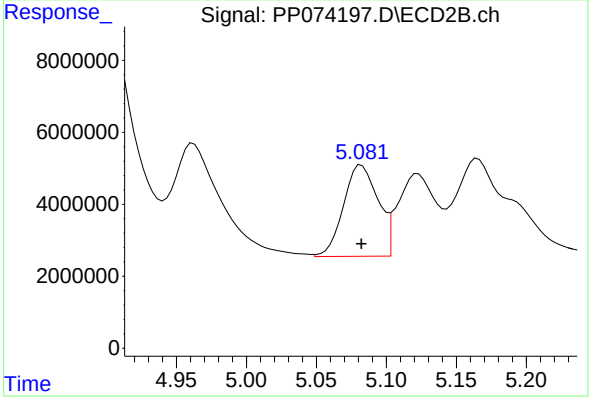
#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



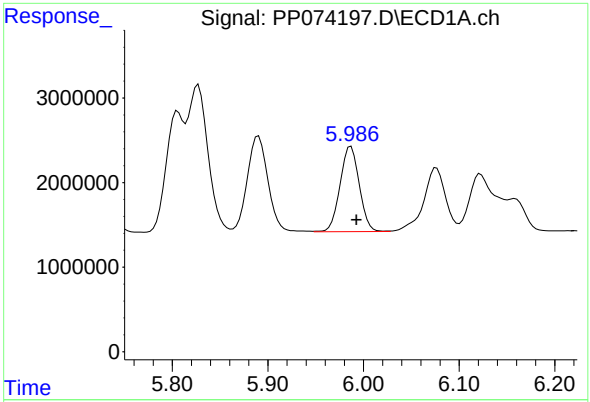
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml



#18 AR-1242-3

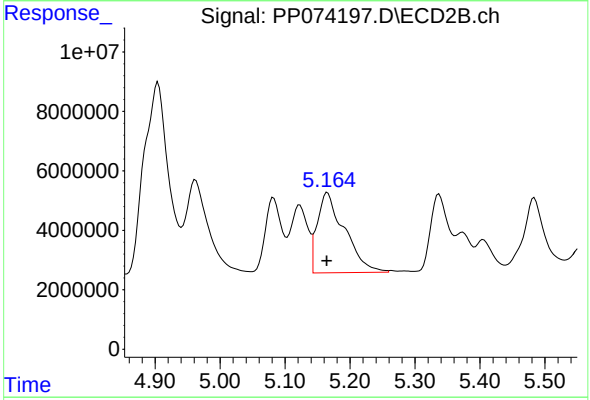
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



#19 AR-1242-4

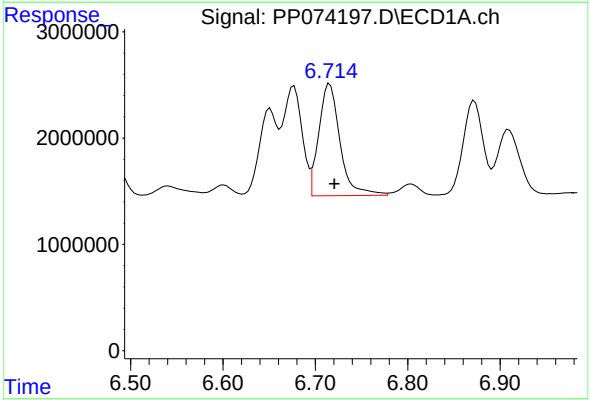
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



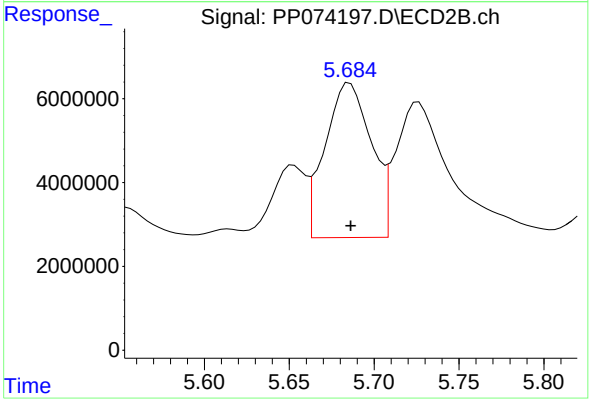
#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 78538633
Conc: 657.66 ng/ml



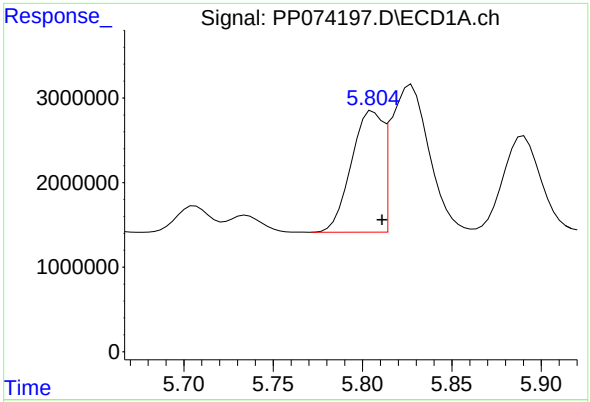
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml



#20 AR-1242-5

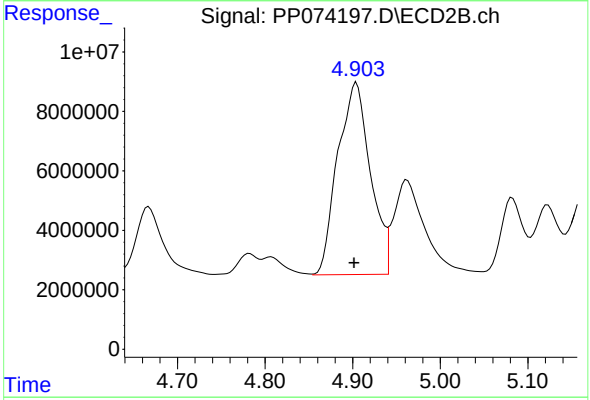
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml



#21 AR-1248-1

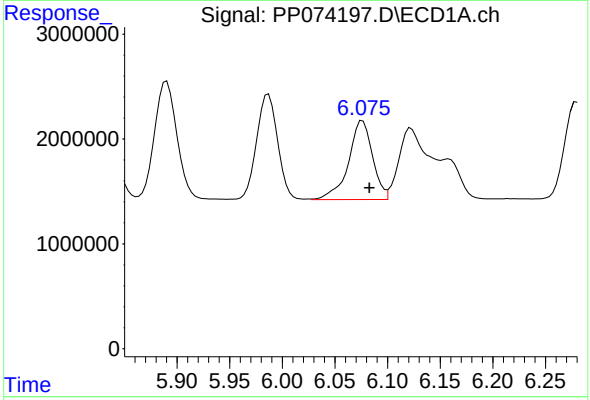
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 624.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



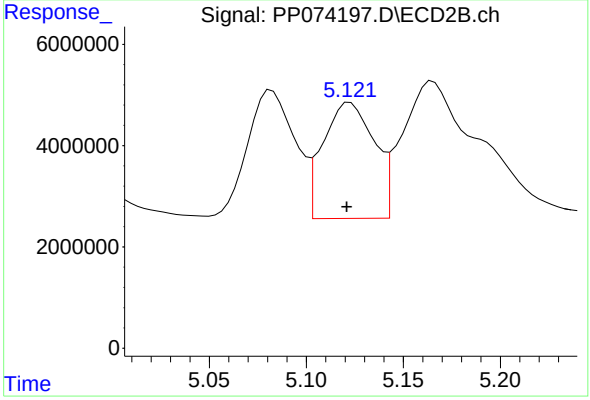
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.003 min
Response: 167377399
Conc: 782.39 ng/ml



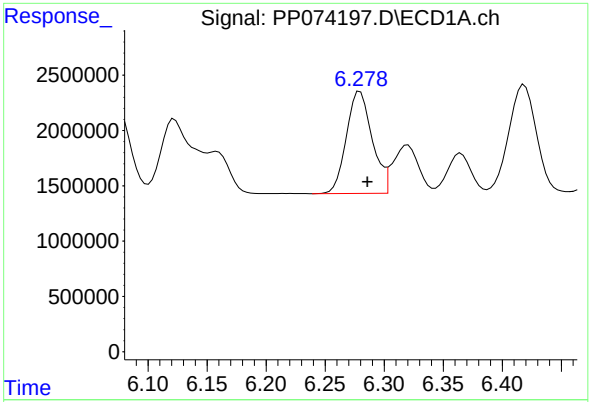
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 297.79 ng/ml



#22 AR-1248-2

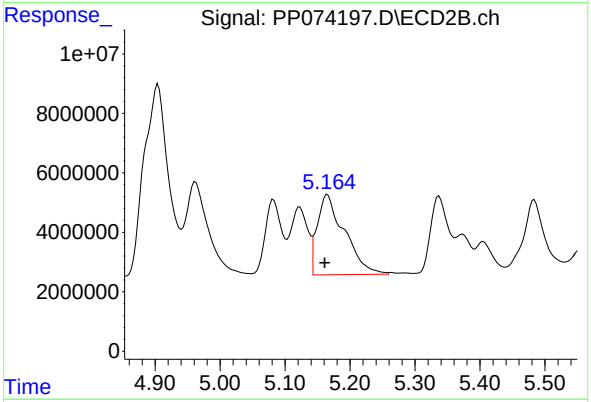
R.T.: 5.123 min
Delta R.T.: 0.002 min
Response: 42005219
Conc: 287.09 ng/ml



#23 AR-1248-3

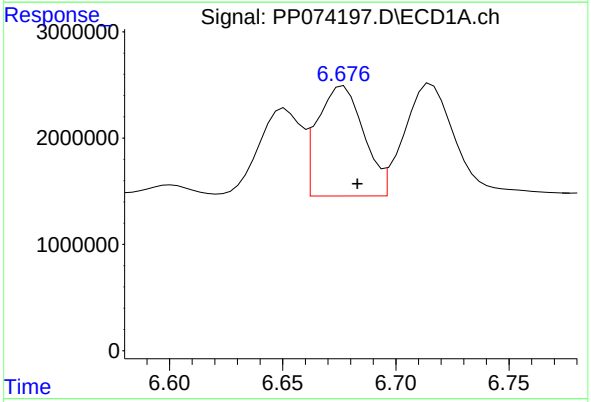
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 314.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



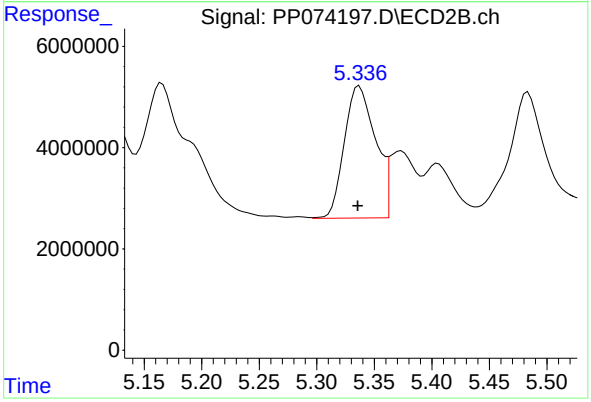
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 78538633
Conc: 458.06 ng/ml



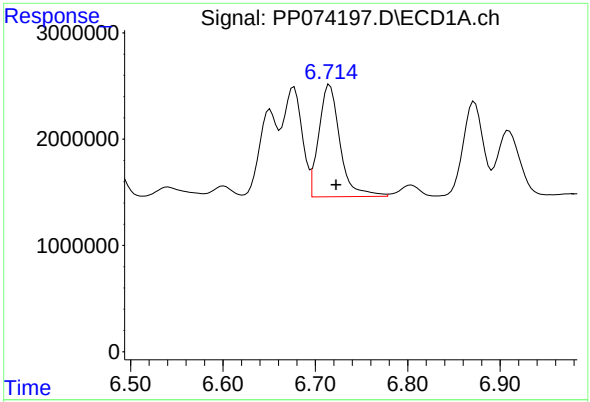
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 14725685
Conc: 282.98 ng/ml



#24 AR-1248-4

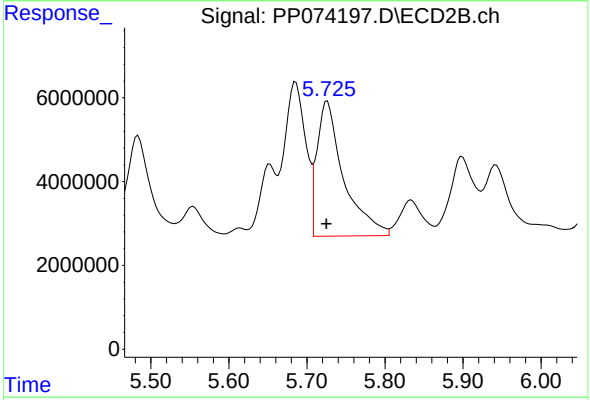
R.T.: 5.337 min
Delta R.T.: 0.002 min
Response: 49362976
Conc: 296.70 ng/ml



#25 AR-1248-5

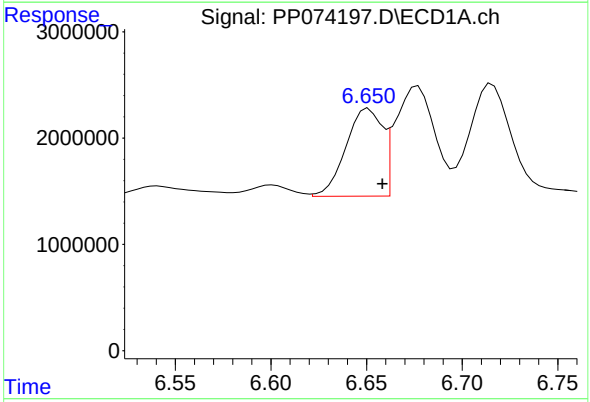
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 16823190
Conc: 295.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



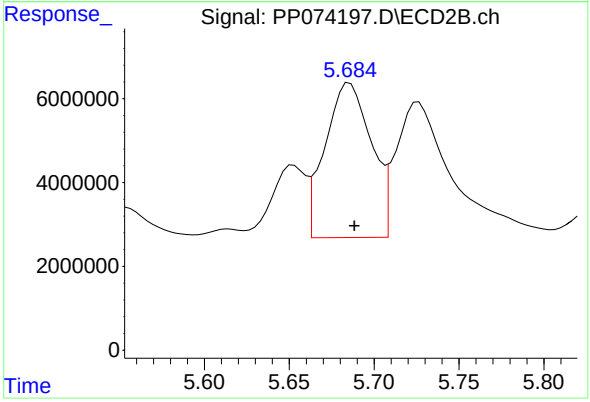
#25 AR-1248-5

R.T.: 5.726 min
Delta R.T.: 0.001 min
Response: 76598345
Conc: 263.26 ng/ml



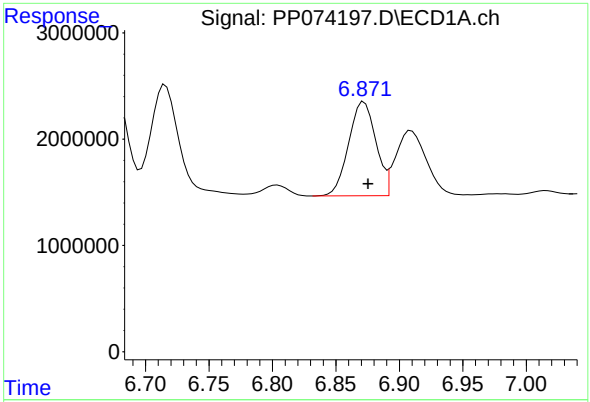
#26 AR-1254-1

R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 10912353
Conc: 207.30 ng/ml



#26 AR-1254-1

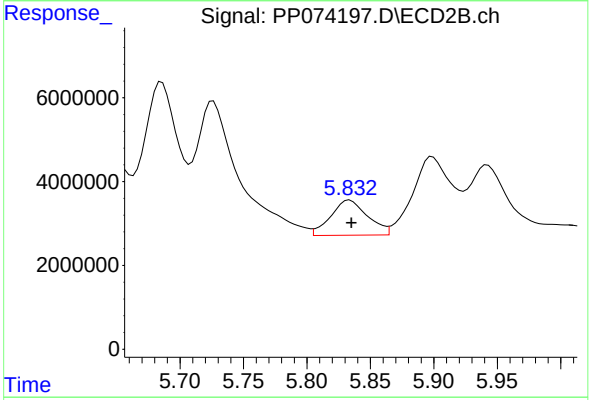
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 70286035
Conc: 191.94 ng/ml



#27 AR-1254-2

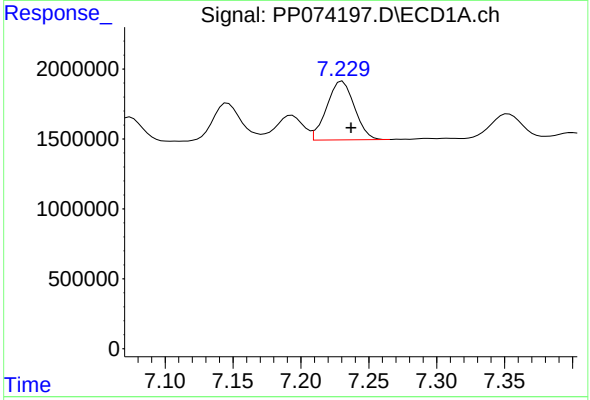
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 13215605
Conc: 166.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



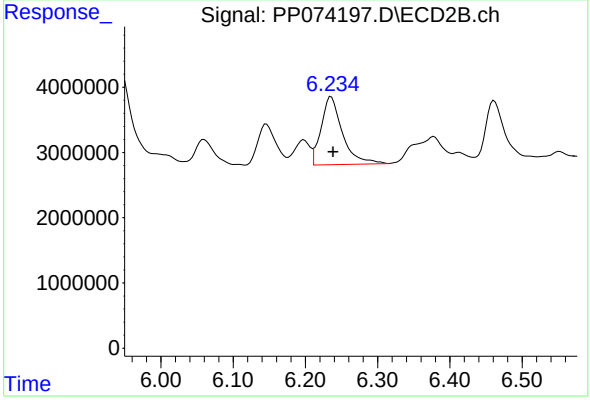
#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 16964136
Conc: 60.97 ng/ml



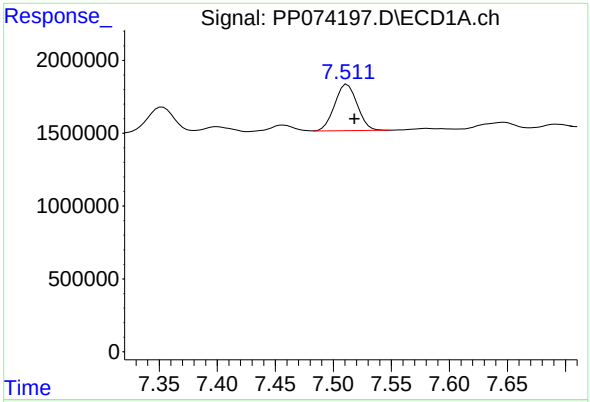
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 5959793
Conc: 68.26 ng/ml



#28 AR-1254-3

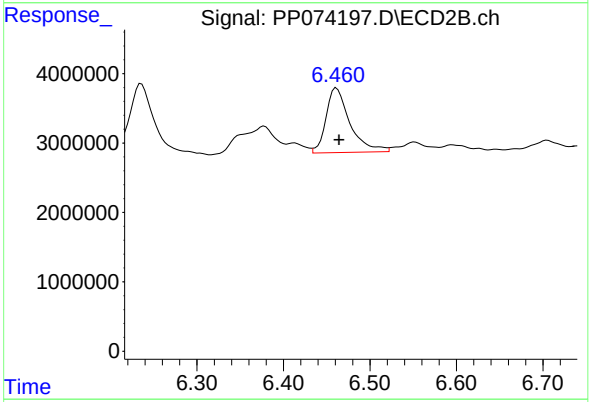
R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 21465299
Conc: 43.88 ng/ml



#29 AR-1254-4

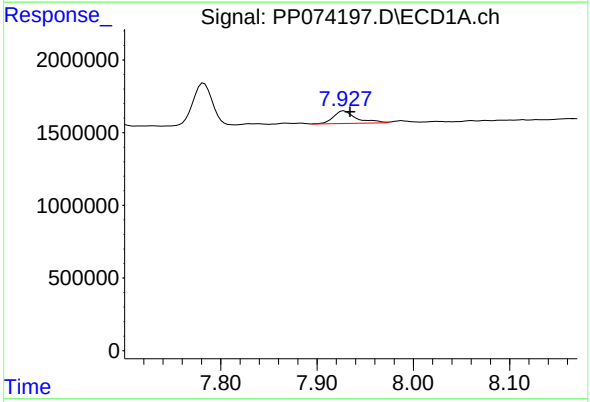
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 4317662
Conc: 67.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



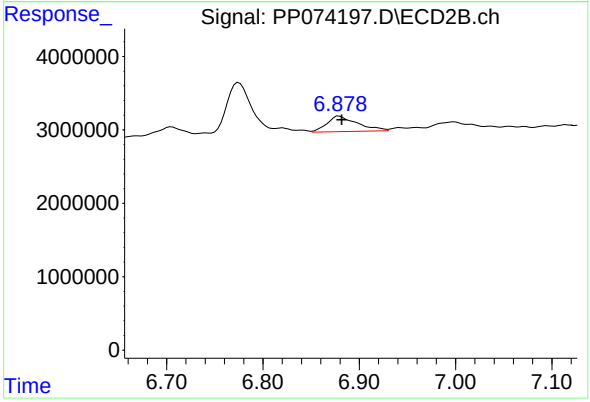
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 17873856
Conc: 48.63 ng/ml



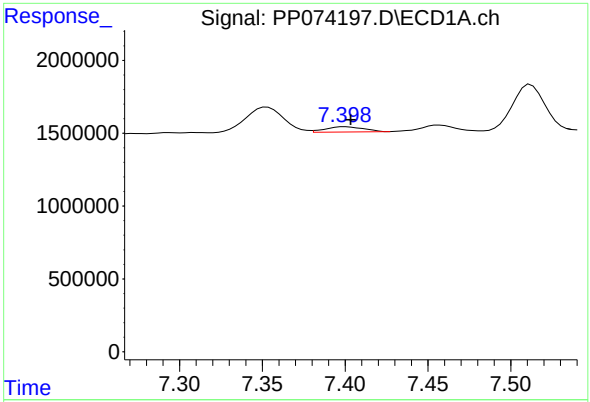
#30 AR-1254-5

R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 1449445
Conc: 17.86 ng/ml



#30 AR-1254-5

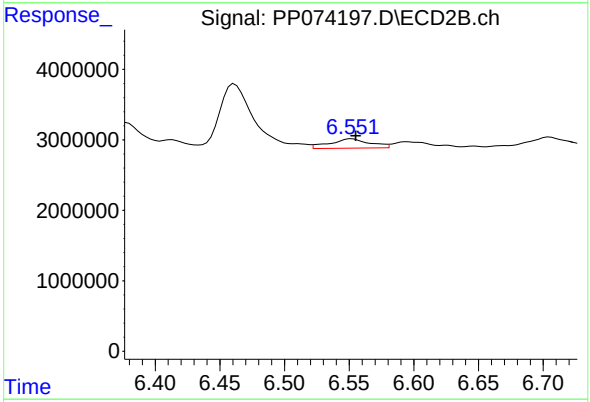
R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4651318
Conc: 11.83 ng/ml



#31 AR-1260-1

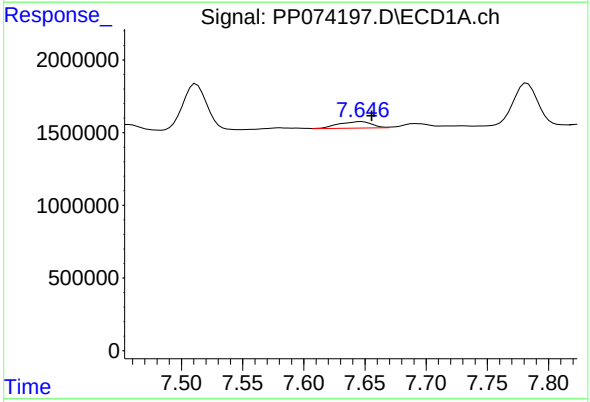
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 593868
Conc: 10.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



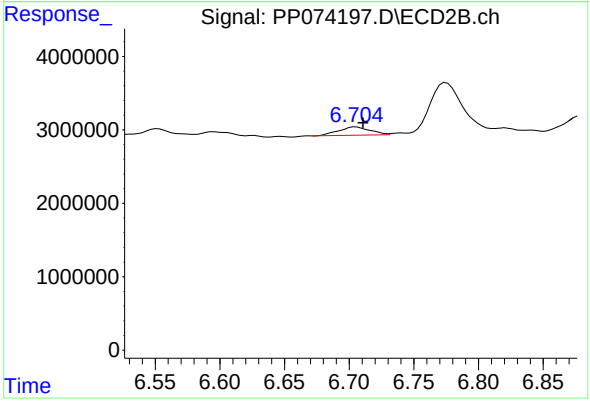
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 2870221
Conc: 7.11 ng/ml



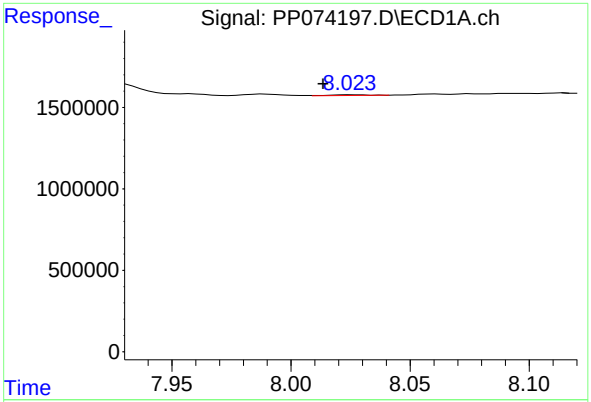
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: -0.008 min
Response: 839562
Conc: 12.32 ng/ml



#32 AR-1260-2

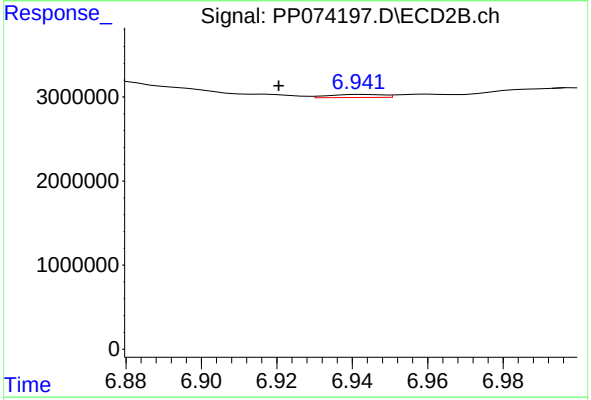
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 1902548
Conc: 6.08 ng/ml



#33 AR-1260-3

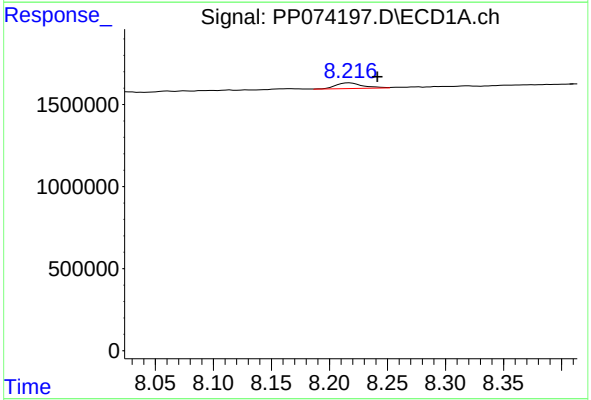
R.T.: 8.025 min
Delta R.T.: 0.011 min
Response: 47683
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



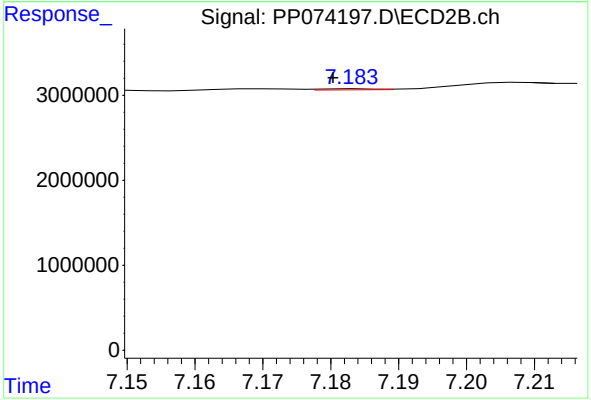
#33 AR-1260-3

R.T.: 6.943 min
Delta R.T.: 0.022 min
Response: 370567
Conc: 0.94 ng/ml



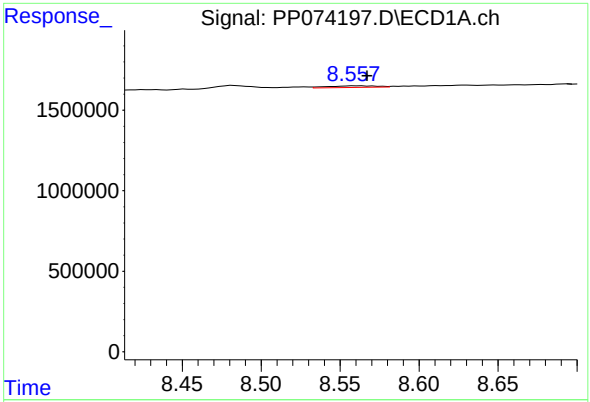
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: -0.024 min
Response: 560766
Conc: 8.96 ng/ml



#34 AR-1260-4

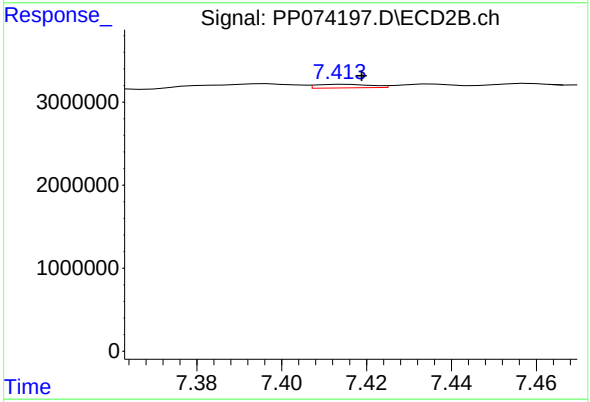
R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 72352
Conc: 0.25 ng/ml



#35 AR-1260-5

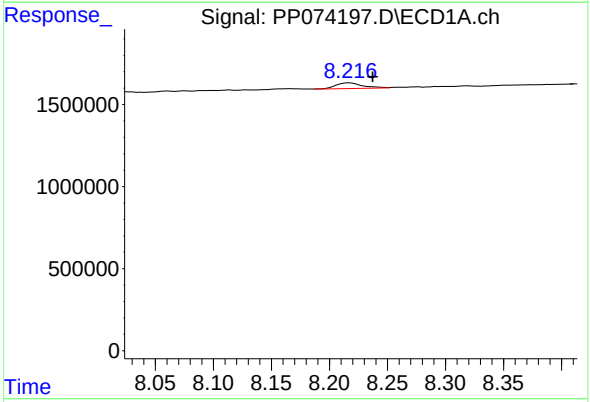
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 212917
Conc: 1.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



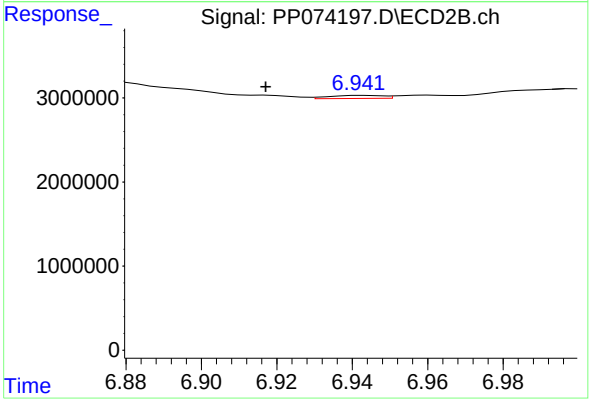
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 384725
Conc: 0.51 ng/ml



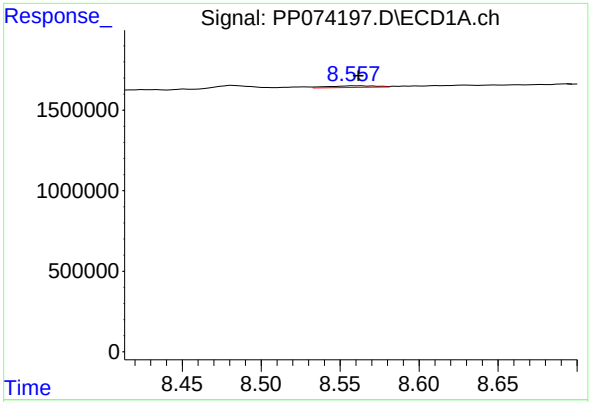
#36 AR-1262-1

R.T.: 8.217 min
Delta R.T.: -0.020 min
Response: 560766
Conc: 7.40 ng/ml



#36 AR-1262-1

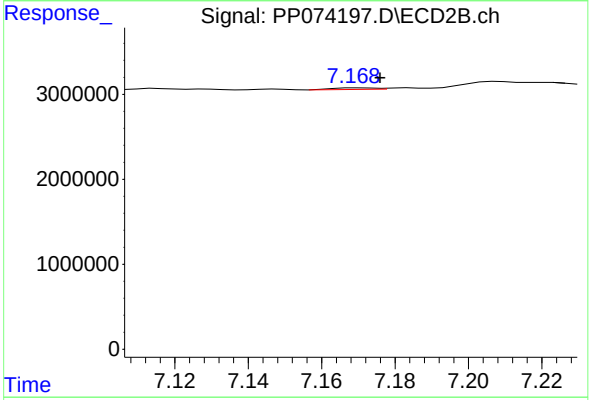
R.T.: 6.943 min
Delta R.T.: 0.026 min
Response: 370567
Conc: 0.66 ng/ml



#37 AR-1262-2

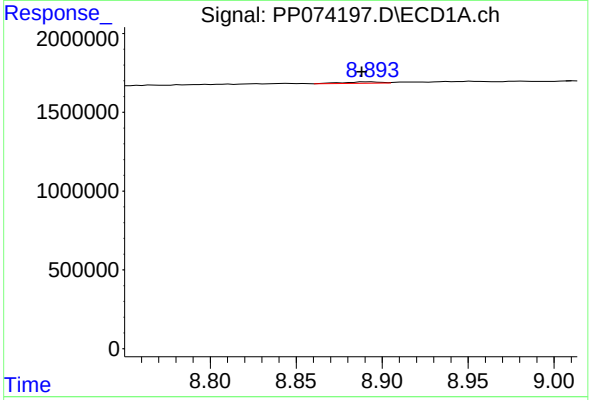
R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 212917
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



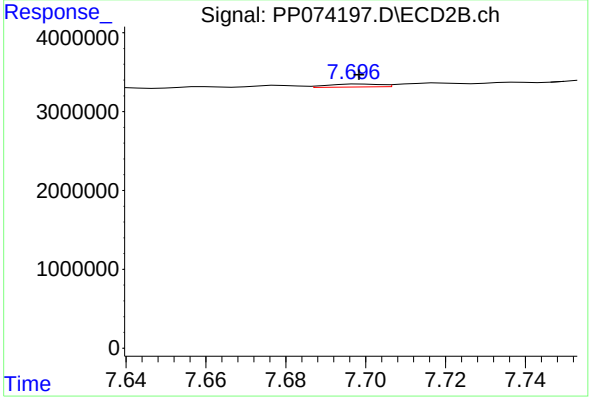
#37 AR-1262-2

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 147921
Conc: 0.37 ng/ml



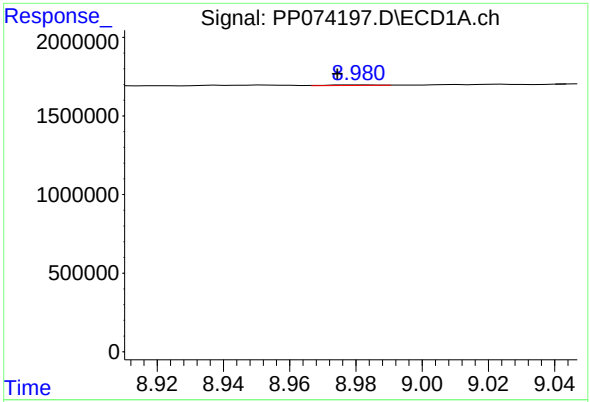
#38 AR-1262-3

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 131960
Conc: 1.40 ng/ml



#38 AR-1262-3

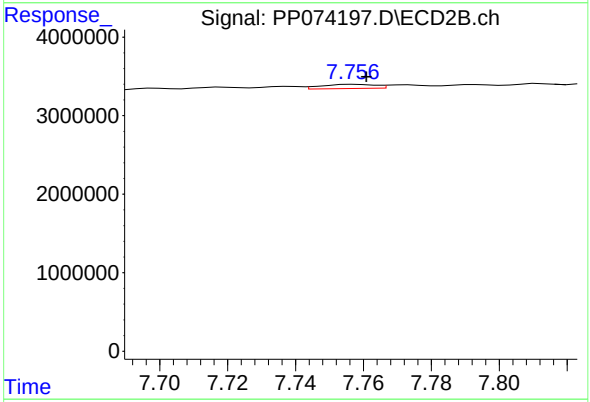
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 339738
Conc: 0.95 ng/ml



#39 AR-1262-4

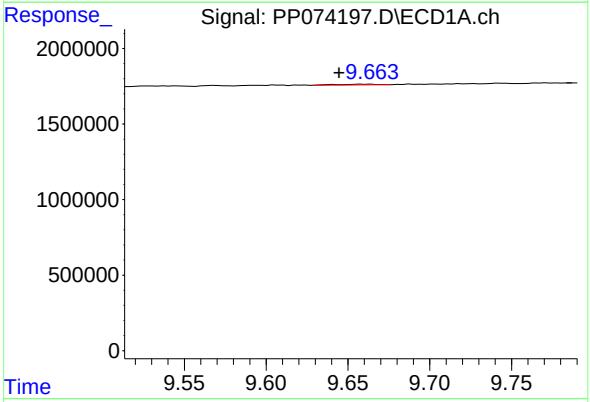
R.T.: 8.981 min
Delta R.T.: 0.007 min
Response: 35860
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



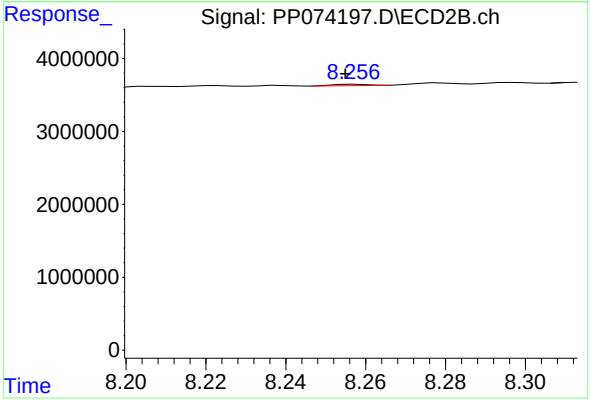
#39 AR-1262-4

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 593683
Conc: 0.89 ng/ml



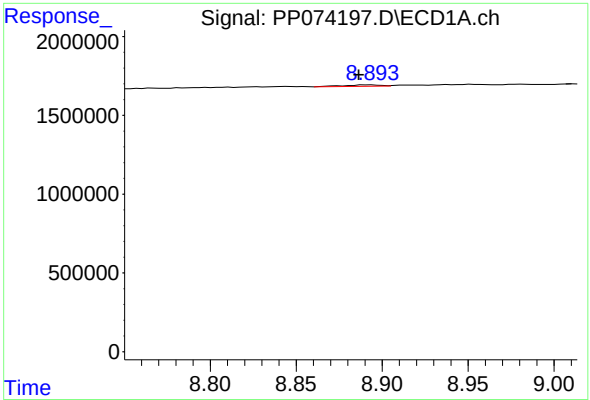
#40 AR-1262-5

R.T.: 9.662 min
Delta R.T.: 0.018 min
Response: 83218
Conc: 1.63 ng/ml



#40 AR-1262-5

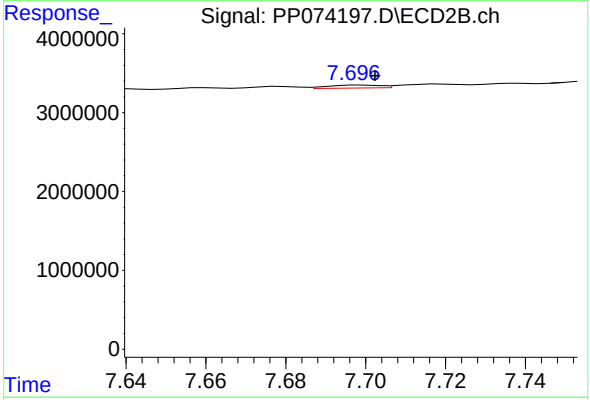
R.T.: 8.258 min
Delta R.T.: 0.003 min
Response: 116580
Conc: 0.41 ng/ml



#41 AR-1268-1

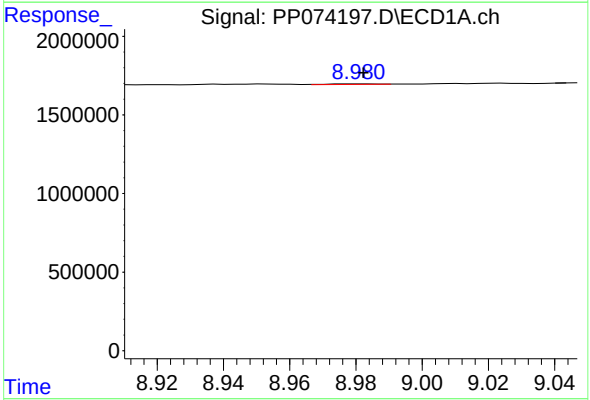
R.T.: 8.894 min
Delta R.T.: 0.008 min
Response: 131960
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



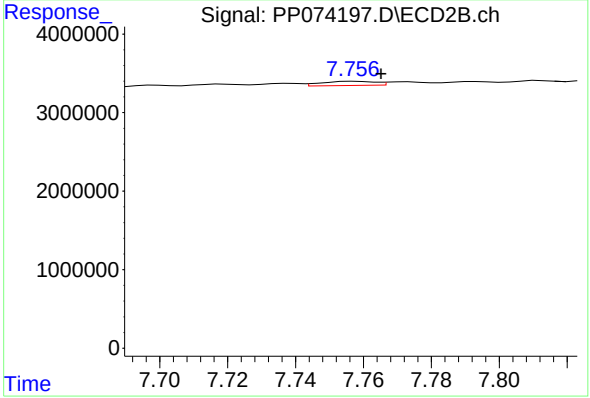
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 339738
Conc: 0.31 ng/ml



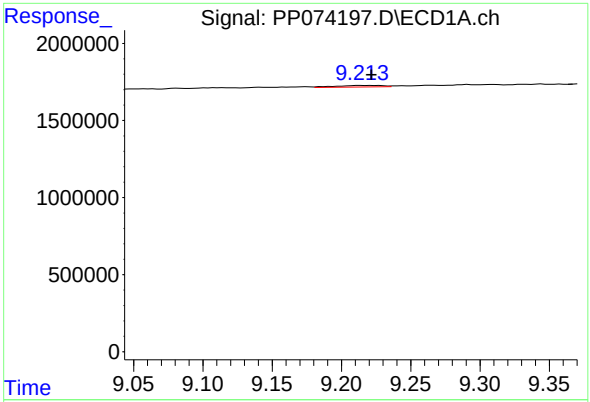
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: -0.001 min
Response: 35860
Conc: 0.25 ng/ml



#42 AR-1268-2

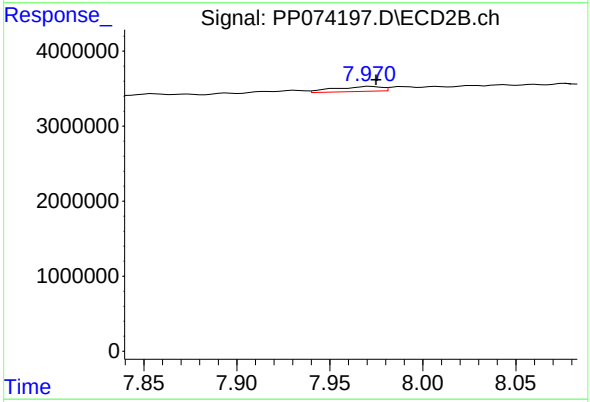
R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 593683
Conc: 0.56 ng/ml



#43 AR-1268-3

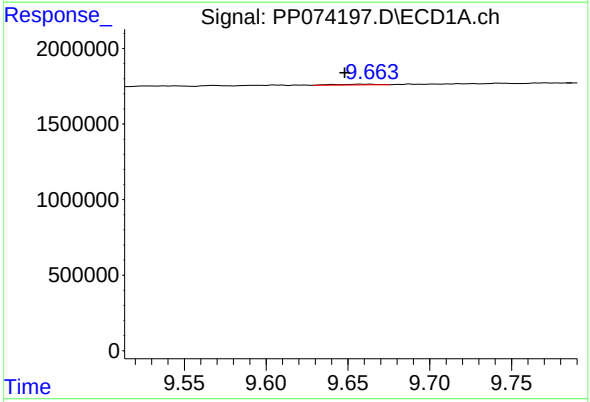
R.T.: 9.214 min
Delta R.T.: -0.007 min
Response: 255483
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



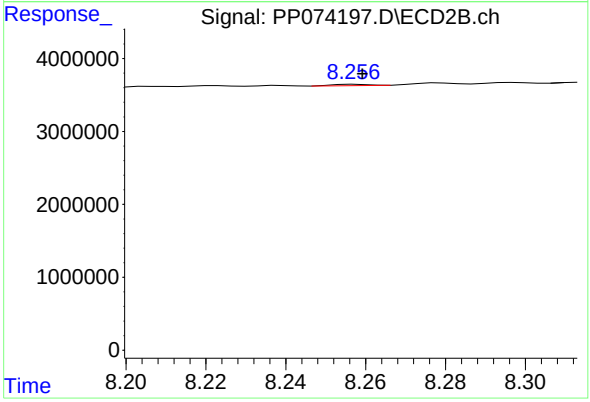
#43 AR-1268-3

R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 1184209
Conc: 1.42 ng/ml



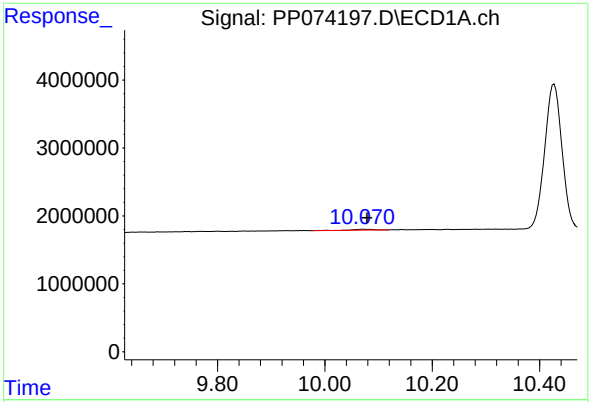
#44 AR-1268-4

R.T.: 9.662 min
Delta R.T.: 0.014 min
Response: 83218
Conc: 1.41 ng/ml



#44 AR-1268-4

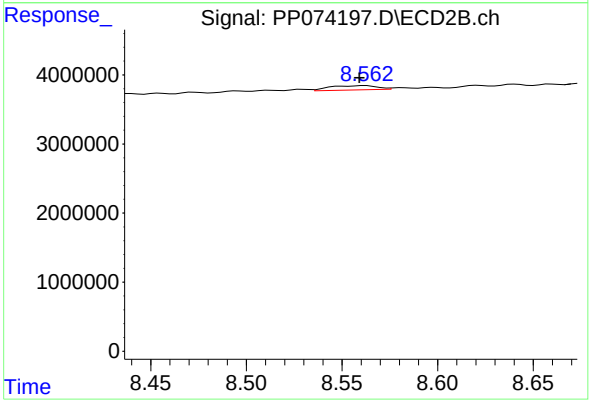
R.T.: 8.258 min
Delta R.T.: -0.001 min
Response: 116580
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 10.072 min
Delta R.T.: -0.007 min
Response: 363528
Conc: 1.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



#45 AR-1268-5

R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 1086905
Conc: 0.43 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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...	4.656	3.803	53831323	191.6E6	48.137	49.971	
2)	SA Decachlor...	10.430	8.820	47450930	299.2E6	48.860	49.761	
	Target Compounds							
3)	L1 AR-1016-1	5.805	4.893	745970	3731555	18.081	9.355	#
4)	L1 AR-1016-2	5.830	4.957	872142	1734023	14.358	9.233	#
5)	L1 AR-1016-3	5.893	5.078	556819	966758	14.040	9.114	#
6)	L1 AR-1016-4	5.988	5.121	527061	57719879	16.195	528.473	#
7)	L1 AR-1016-5	6.280	5.333	9175288	35534075	282.594	303.805	
8)	L2 AR-1221-1	4.848	4.021	78676	154196	4.693	3.141	#
9)	L2 AR-1221-2	4.957	4.100	993840	2037869	78.870	56.782	#
10)	L2 AR-1221-3	5.016	4.173	244539	504753	6.675	3.733	#
11)	L3 AR-1232-1	5.016	4.173	244539	504753	8.422	4.980	#
12)	L3 AR-1232-2	5.542	4.893	289072	3731555	19.217	21.413	
13)	L3 AR-1232-3	5.830	5.078	872142	966758	30.072	21.101	#
14)	L3 AR-1232-4	5.988	5.157	527061	26883268	34.072	463.419	#
15)	L3 AR-1232-5	6.077	5.333	14812614	35534075	1264.305	756.375	#
16)	L4 AR-1242-1	5.805	4.893	745970	3731555	20.018	10.812	#
17)	L4 AR-1242-2	5.830	4.957	872142	1734023	16.029	10.614	#
18)	L4 AR-1242-3	5.893	5.078	556819	966758	15.582	10.480	#
19)	L4 AR-1242-4	5.988	5.157	527061	26883268	18.039	225.112	#
20)	L4 AR-1242-5	6.721	5.686	10174999	178.5E6	286.152	1193.575	#
21)	L5 AR-1248-1	5.805	4.893	745970	3731555	26.628	17.443	#
22)	L5 AR-1248-2	6.077	5.121	14812614	57719879	367.914	394.497	
23)	L5 AR-1248-3	6.280	5.157	9175288	26883268	205.846	156.790	
24)	L5 AR-1248-4	6.655	5.333	37990866	35534075	730.072	213.580	#
25)	L5 AR-1248-5	6.721	5.686f	10174999	178.5E6	178.687	613.512	#
26)	L6 AR-1254-1	6.655	5.686	37990866	178.5E6	721.697	487.493	#
27)	L6 AR-1254-2	6.871	5.833	37599140	134.8E6	472.918	484.650	
28)	L6 AR-1254-3	7.233	6.235	40597005	245.2E6	464.942	501.115	
29)	L6 AR-1254-4	7.514	6.462	30708926	181.0E6	481.260	492.525	
30)	L6 AR-1254-5	7.930	6.878	38809795	188.2E6	478.279	478.748	
31)	L7 AR-1260-1	7.398	6.552	17543251	109.0E6	311.293	269.954	
32)	L7 AR-1260-2	7.650	6.704	19124212	77042973	280.610	246.381	
33)	L7 AR-1260-3	7.991	6.944	4844847	25122989	90.905	63.745	#
34)	L7 AR-1260-4	8.219	7.175	14487782	5653722	231.379	19.430	#
35)	L7 AR-1260-5	8.560	7.407	5145410	51502946	45.412	67.999	#
36)	L8 AR-1262-1	8.219	6.944	14487782	25122989	191.158	44.612	#
37)	L8 AR-1262-2	8.560	7.175	5145410	5653722	39.450	14.098	#
38)	L8 AR-1262-3	8.895	7.694	4365480	772104	46.406	2.148	#
39)	L8 AR-1262-4	8.979	7.757	118980	19007753	1.633	28.501	#
40)	L8 AR-1262-5	9.647	8.249	418724	666817	8.223	2.354	#
41)	L9 AR-1268-1	8.895	7.709	4365480	477278	28.050	0.438	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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	8.979	7.757	118980	19007753	0.830	17.909	#
43) L9	AR-1268-3	9.221	7.968	168840	472836	1.413	0.568	#
44) L9	AR-1268-4	9.647	8.263	418724	437922	7.120	1.422	#
45) L9	AR-1268-5	10.069	8.559	442219	1401468	1.257	0.550	#

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

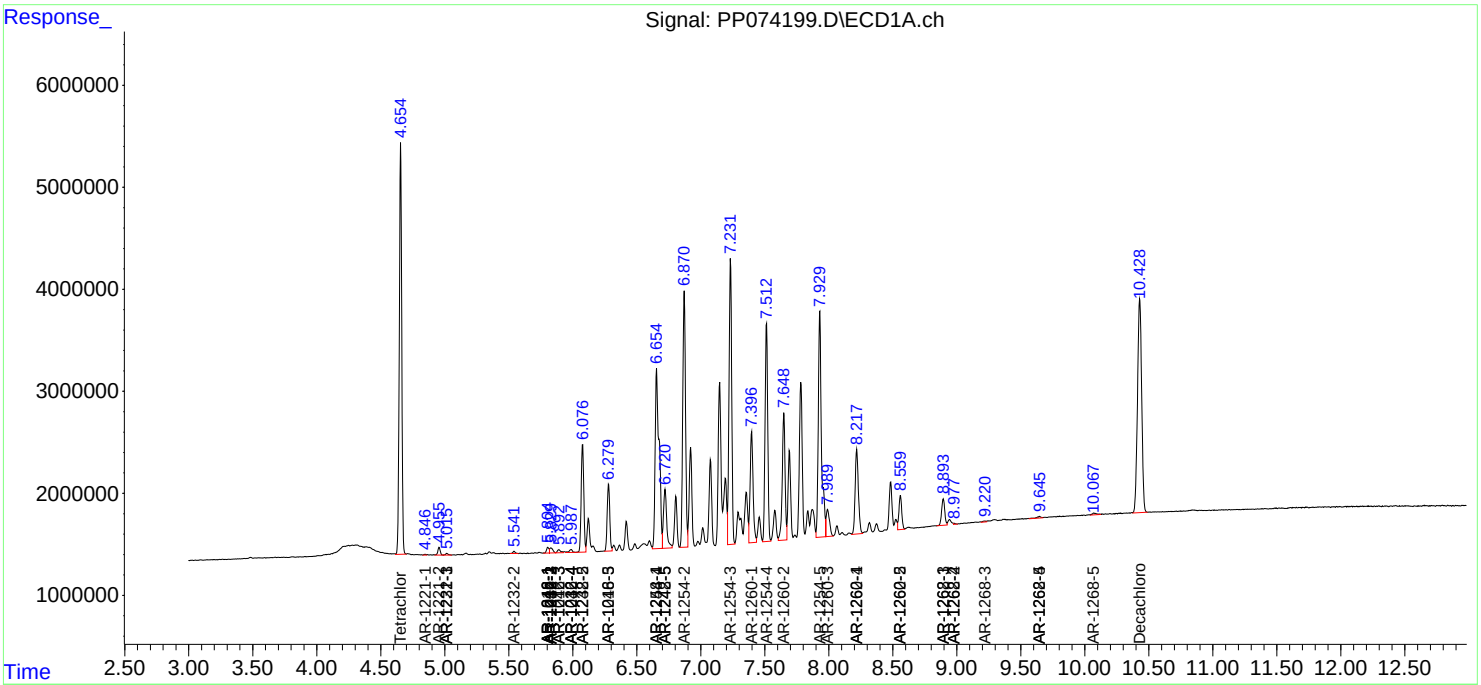
Quantitation Report (Not Reviewed)

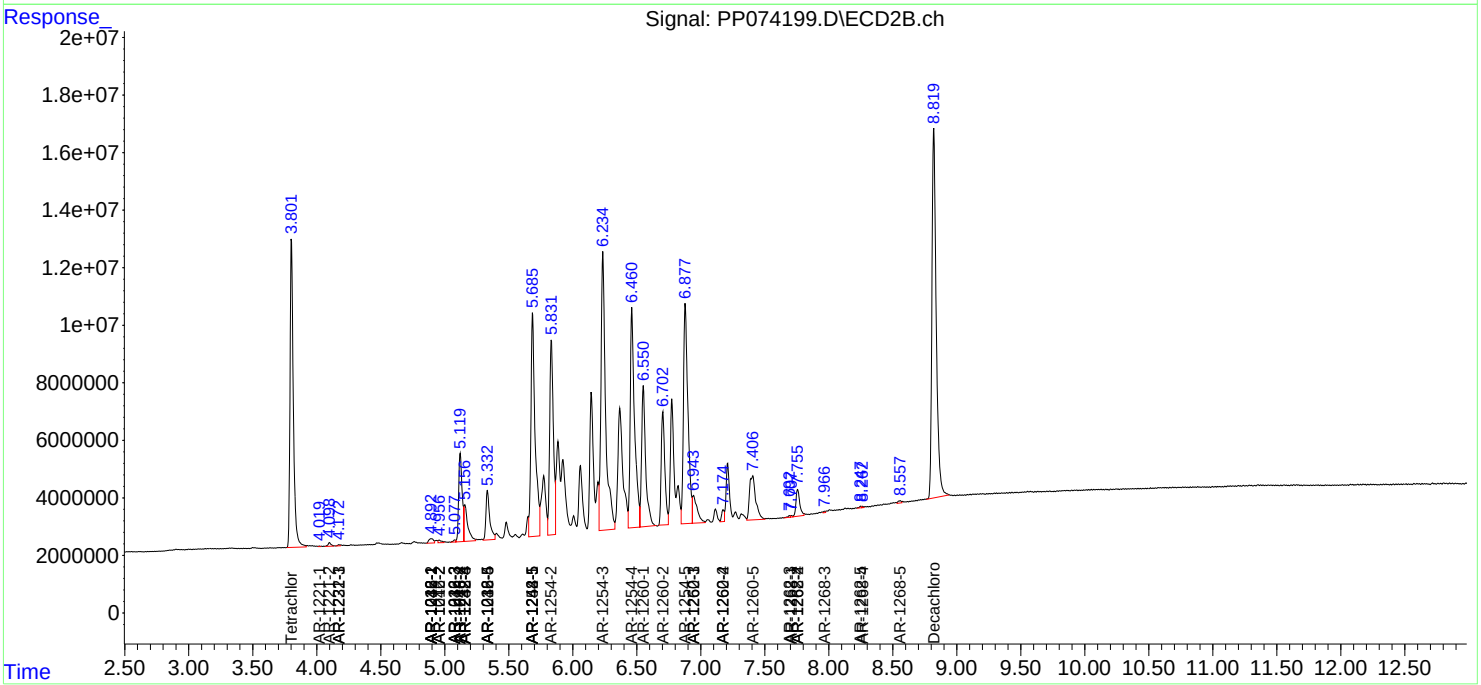
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

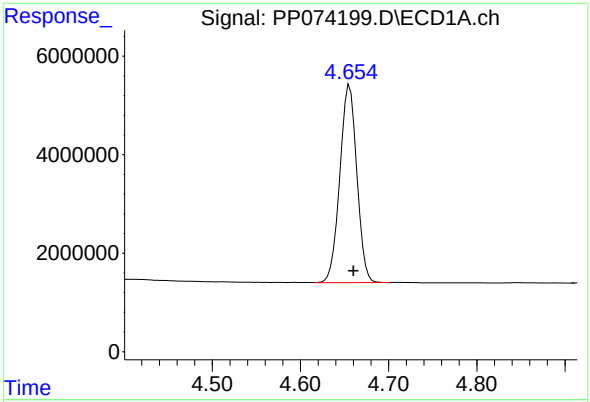
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 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



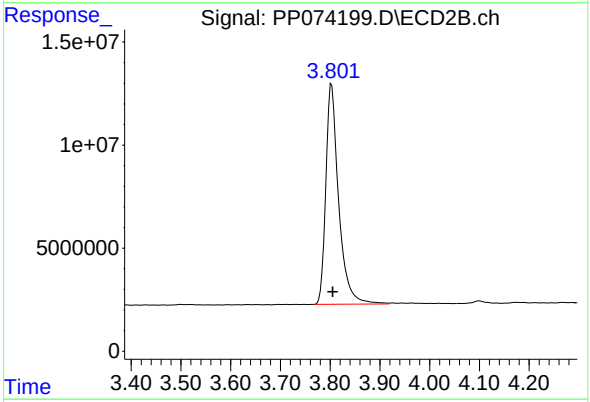




#1 Tetrachloro-m-xylene

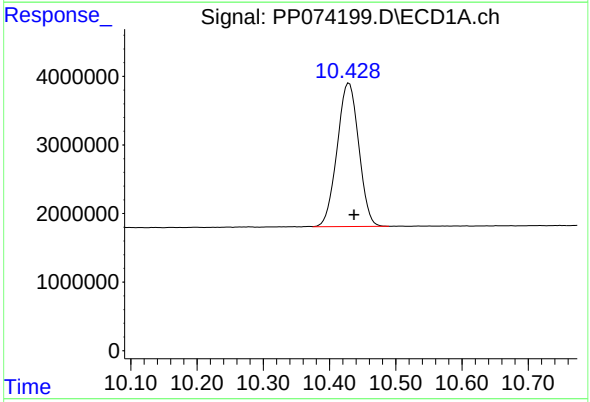
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



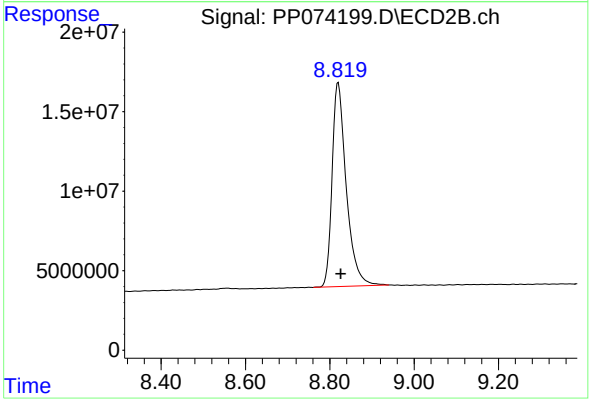
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 191609515
Conc: 49.97 ng/ml



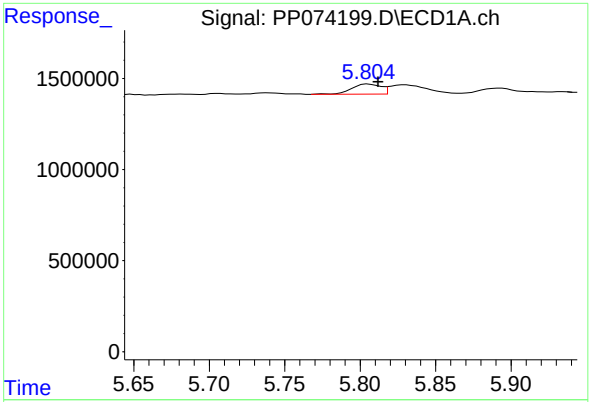
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

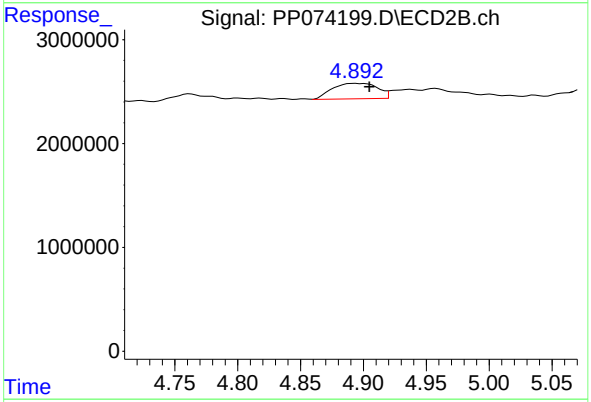
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



#3 AR-1016-1

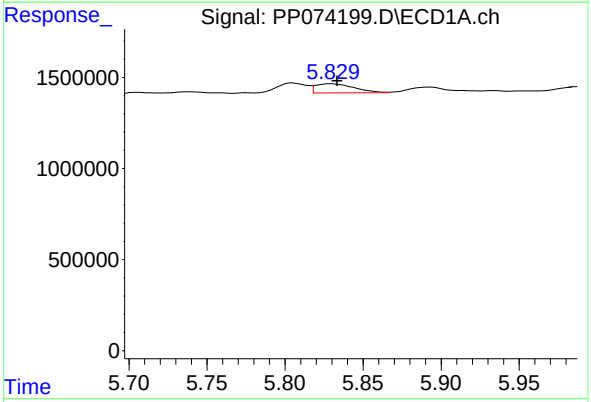
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 745970
Conc: 18.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



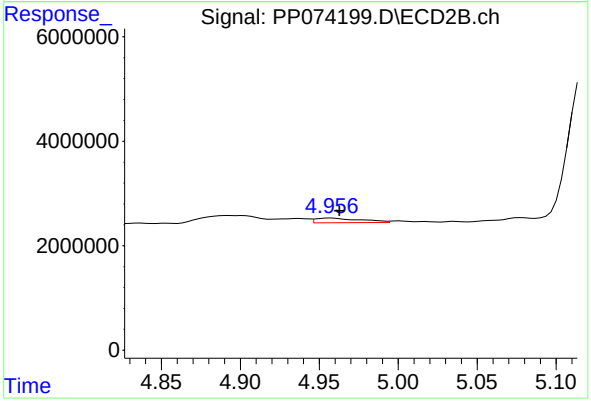
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 9.35 ng/ml



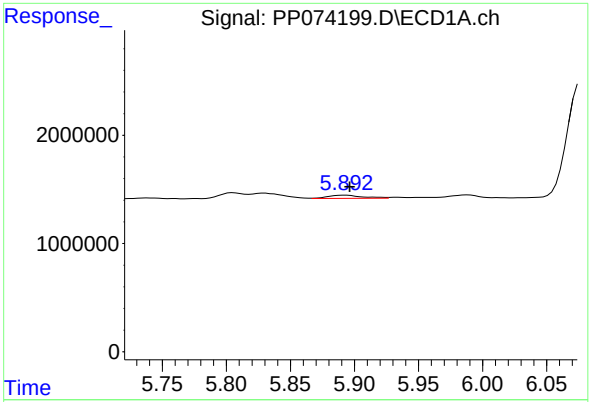
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 872142
Conc: 14.36 ng/ml



#4 AR-1016-2

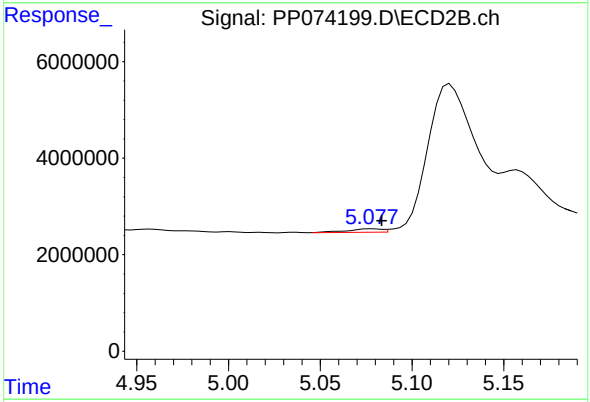
R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 9.23 ng/ml



#5 AR-1016-3

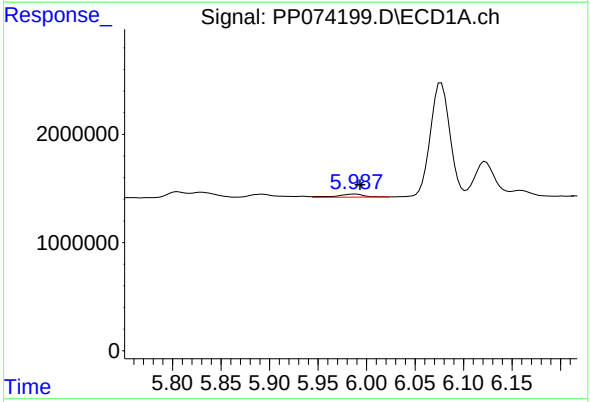
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 556819
Conc: 14.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



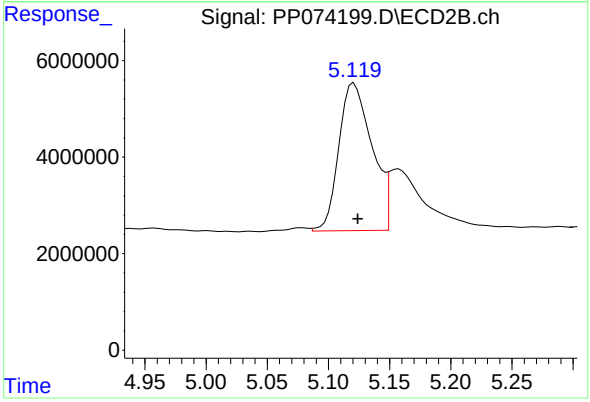
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 966758
Conc: 9.11 ng/ml



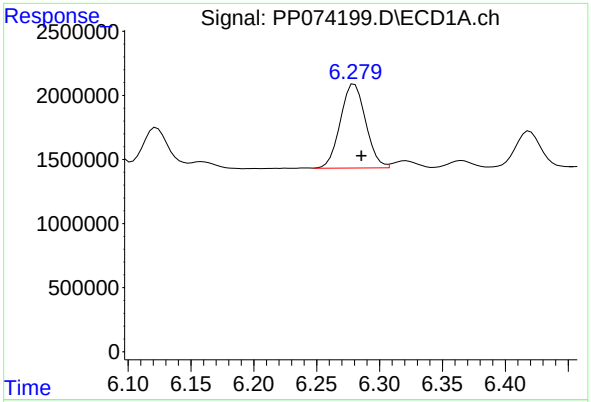
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 527061
Conc: 16.20 ng/ml



#6 AR-1016-4

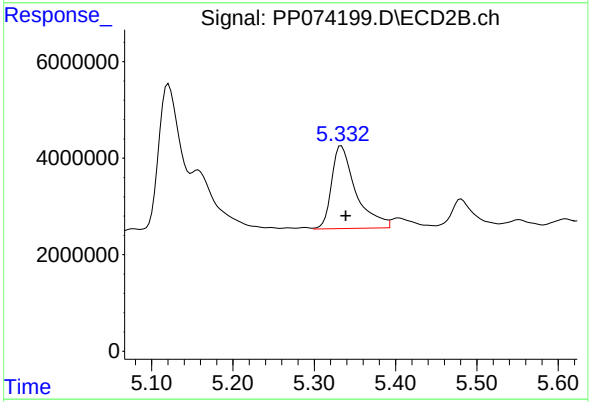
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 57719879
Conc: 528.47 ng/ml



#7 AR-1016-5

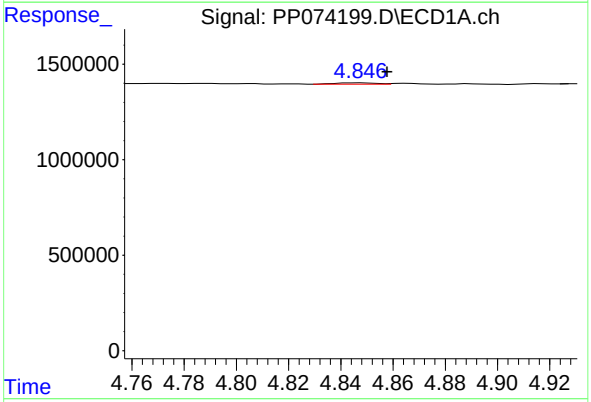
R.T.: 6.280 min
Delta R.T.: -0.005 min
Response: 9175288
Conc: 282.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



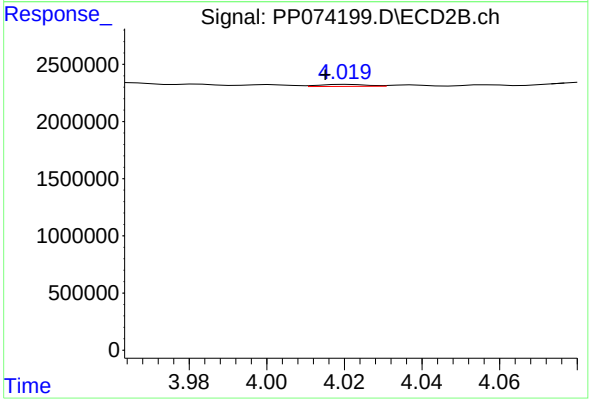
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 35534075
Conc: 303.81 ng/ml



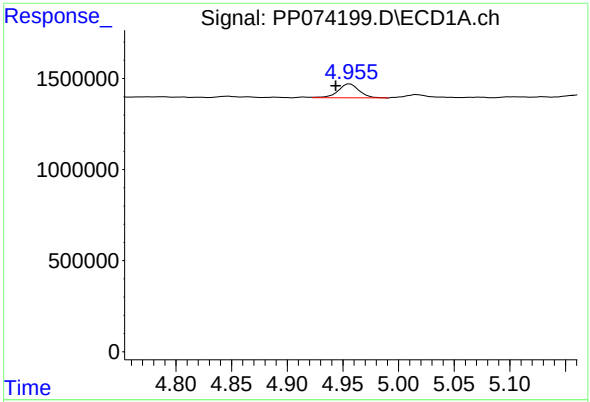
#8 AR-1221-1

R.T.: 4.848 min
Delta R.T.: -0.010 min
Response: 78676
Conc: 4.69 ng/ml



#8 AR-1221-1

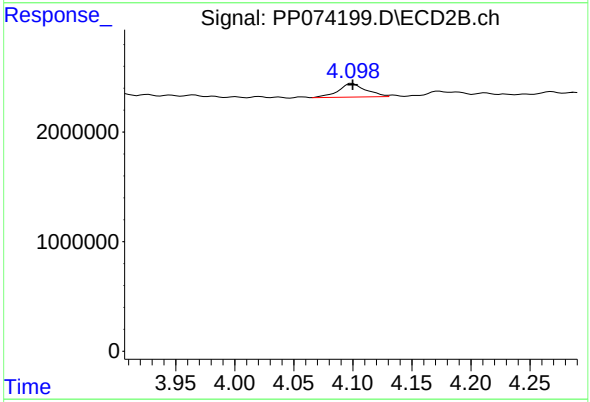
R.T.: 4.021 min
Delta R.T.: 0.006 min
Response: 154196
Conc: 3.14 ng/ml



#9 AR-1221-2

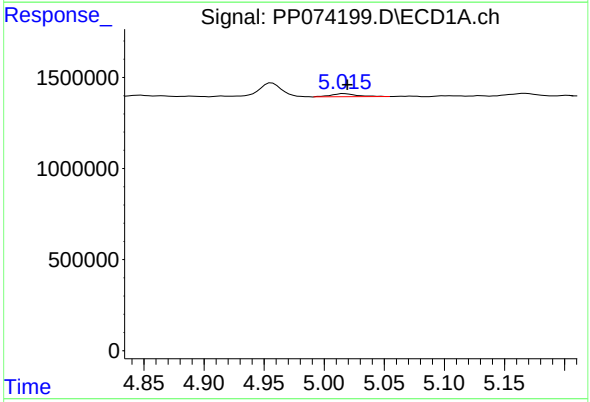
R.T.: 4.957 min
Delta R.T.: 0.013 min
Response: 993840
Conc: 78.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



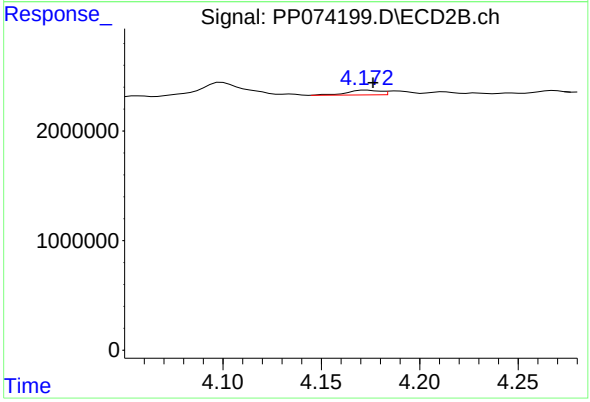
#9 AR-1221-2

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 2037869
Conc: 56.78 ng/ml



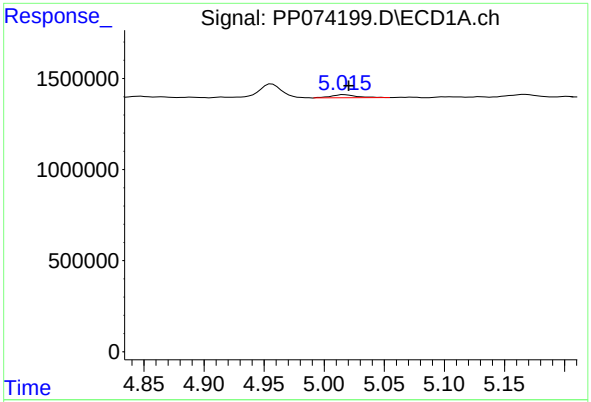
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 244539
Conc: 6.67 ng/ml



#10 AR-1221-3

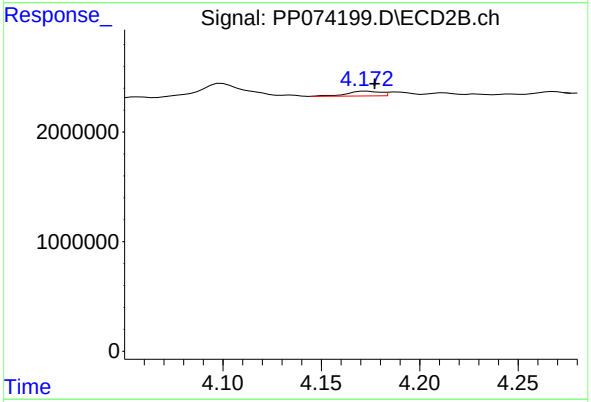
R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 504753
Conc: 3.73 ng/ml



#11 AR-1232-1

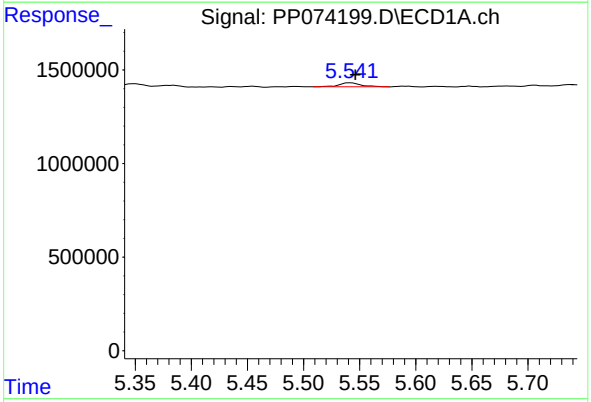
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 244539
Conc: 8.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



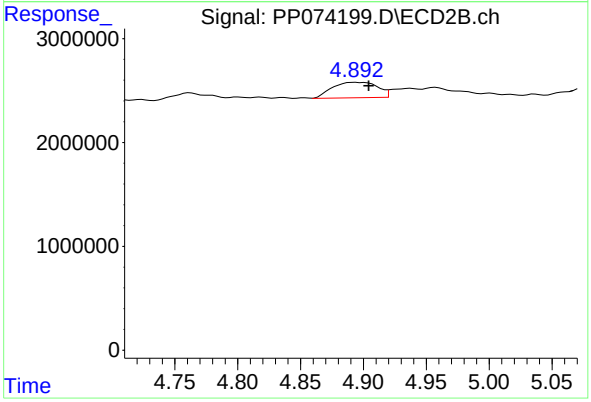
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: -0.004 min
Response: 504753
Conc: 4.98 ng/ml



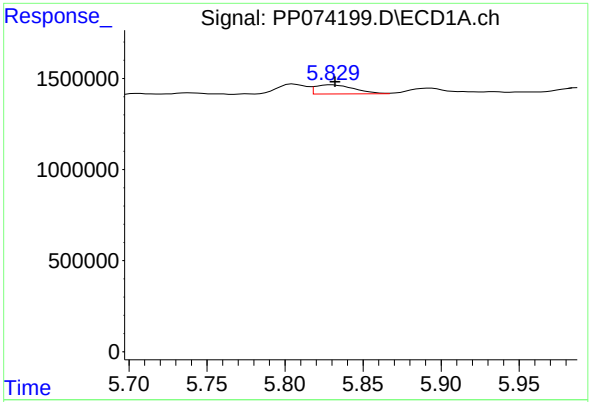
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 289072
Conc: 19.22 ng/ml



#12 AR-1232-2

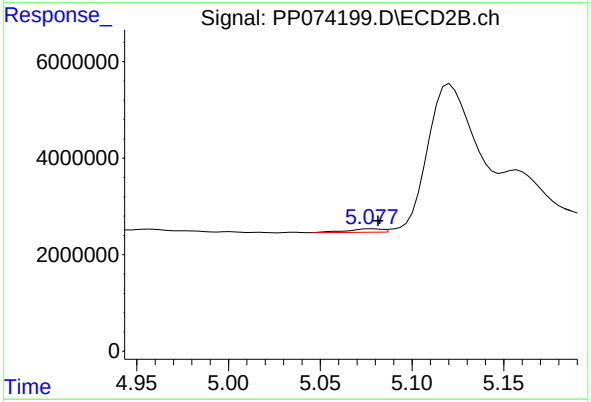
R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 21.41 ng/ml



#13 AR-1232-3

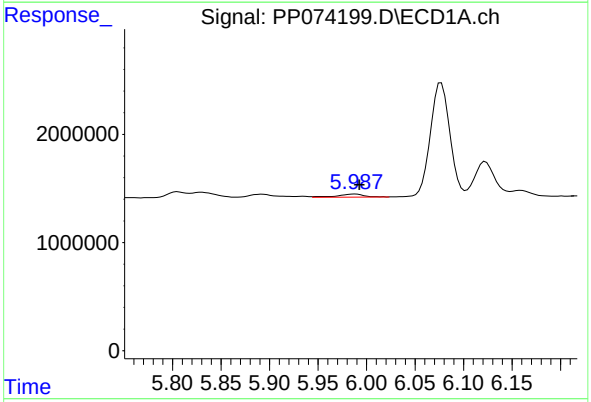
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 30.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



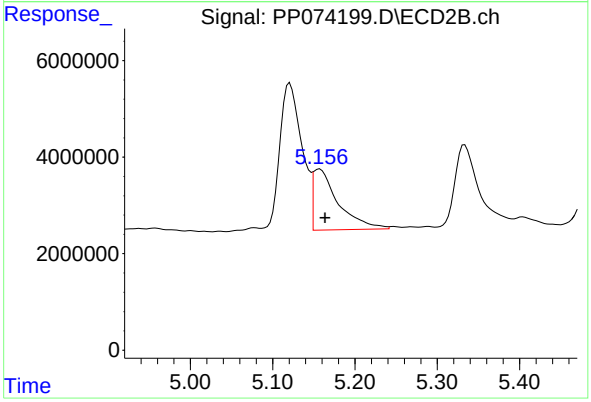
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 966758
Conc: 21.10 ng/ml



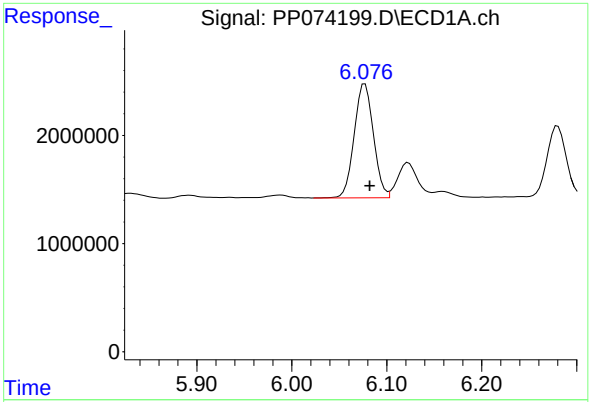
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 34.07 ng/ml



#14 AR-1232-4

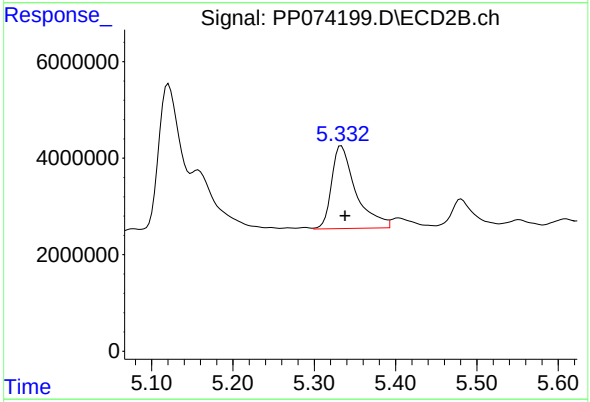
R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 26883268
Conc: 463.42 ng/ml



#15 AR-1232-5

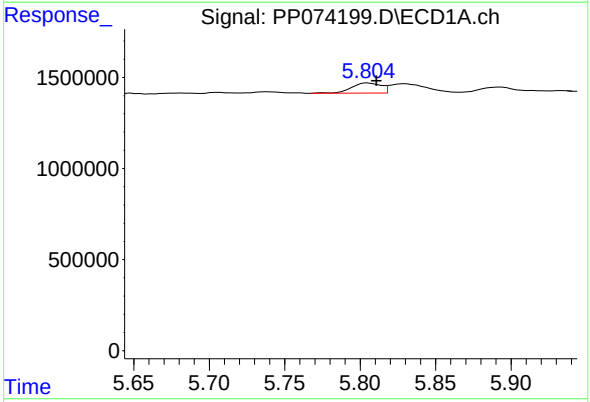
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 14812614
Conc: 1264.31 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



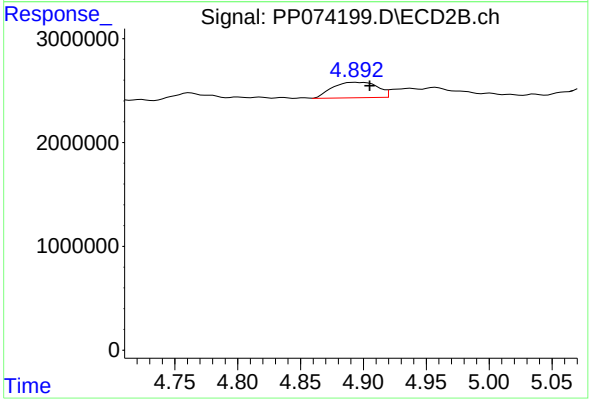
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 35534075
Conc: 756.37 ng/ml



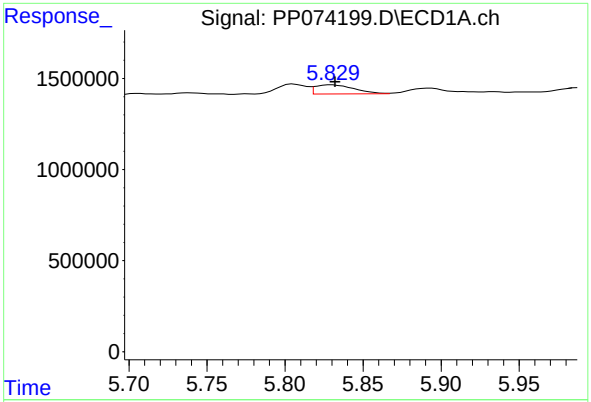
#16 AR-1242-1

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 20.02 ng/ml



#16 AR-1242-1

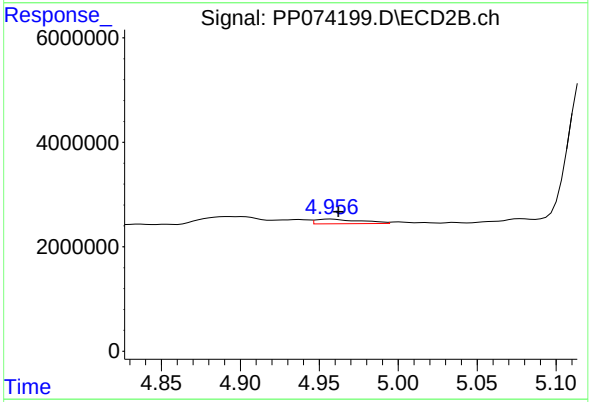
R.T.: 4.893 min
Delta R.T.: -0.012 min
Response: 3731555
Conc: 10.81 ng/ml



#17 AR-1242-2

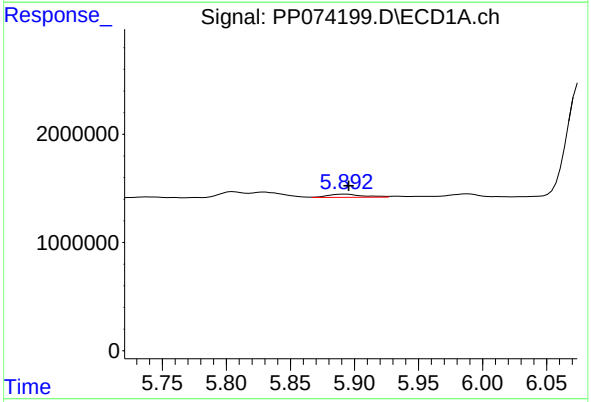
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 16.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



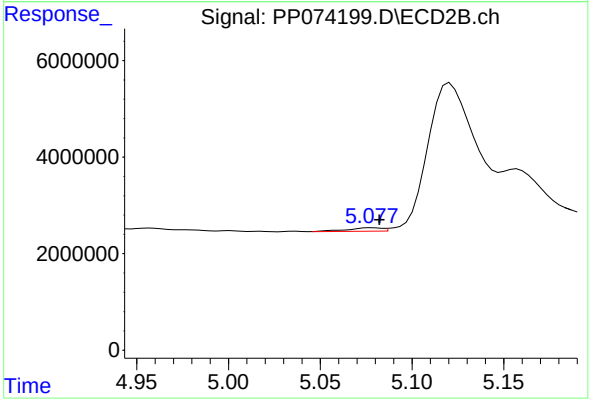
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 10.61 ng/ml



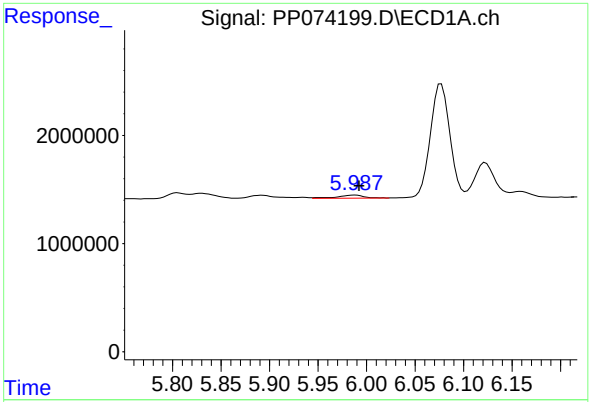
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 556819
Conc: 15.58 ng/ml



#18 AR-1242-3

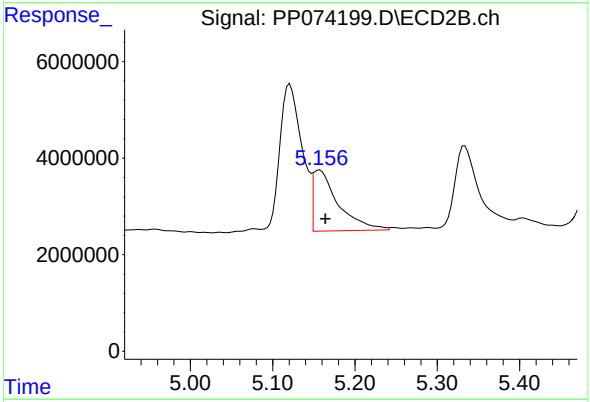
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 966758
Conc: 10.48 ng/ml



#19 AR-1242-4

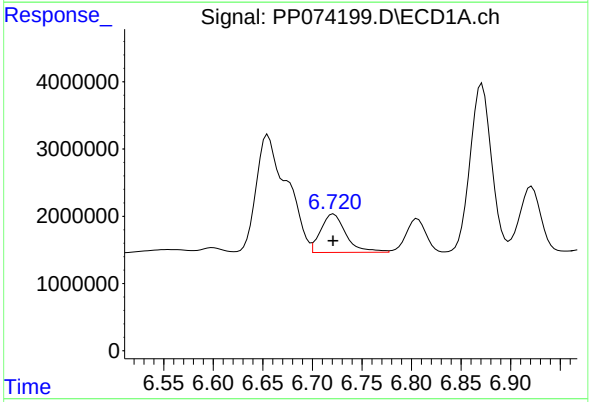
R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 18.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



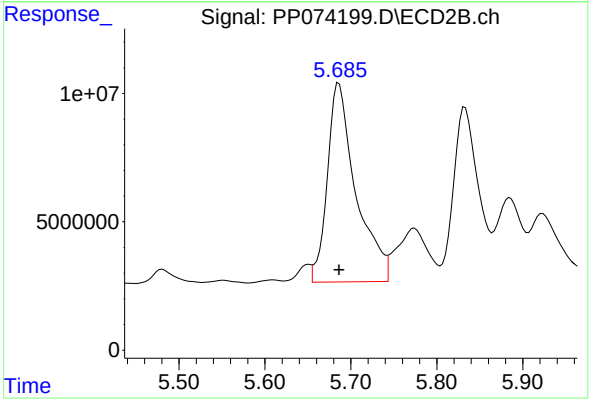
#19 AR-1242-4

R.T.: 5.157 min
Delta R.T.: -0.007 min
Response: 26883268
Conc: 225.11 ng/ml



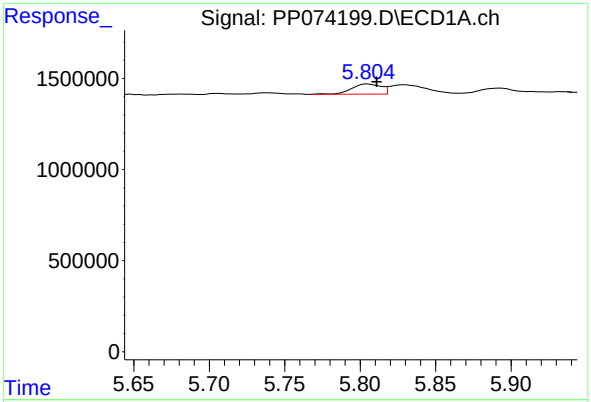
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 10174999
Conc: 286.15 ng/ml



#20 AR-1242-5

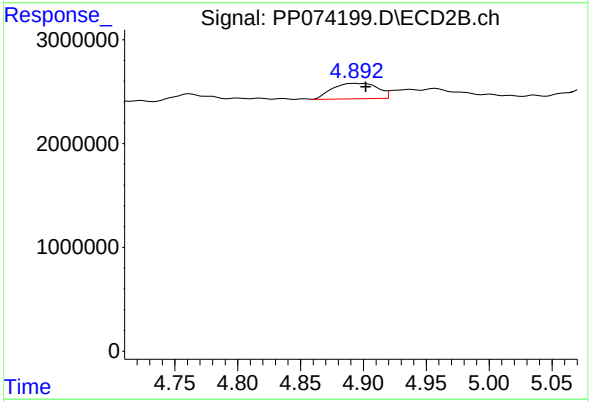
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 178511104
Conc: 1193.58 ng/ml



#21 AR-1248-1

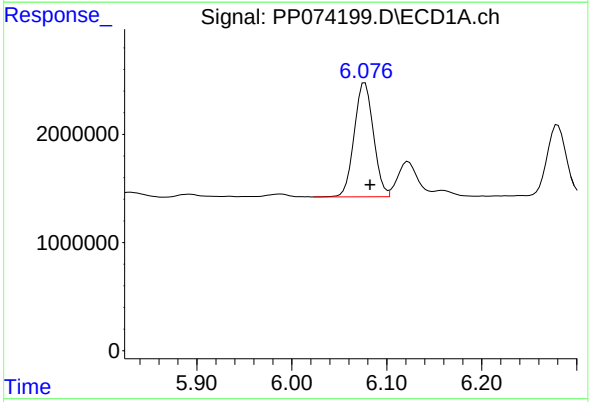
R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 26.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



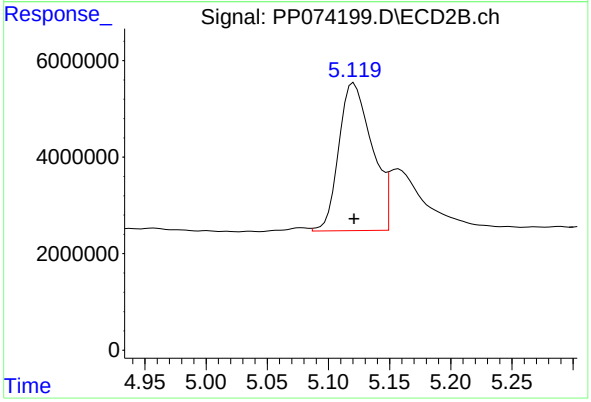
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.008 min
Response: 3731555
Conc: 17.44 ng/ml



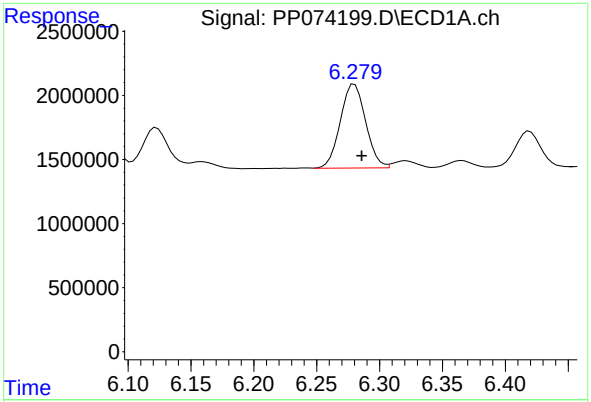
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 14812614
Conc: 367.91 ng/ml



#22 AR-1248-2

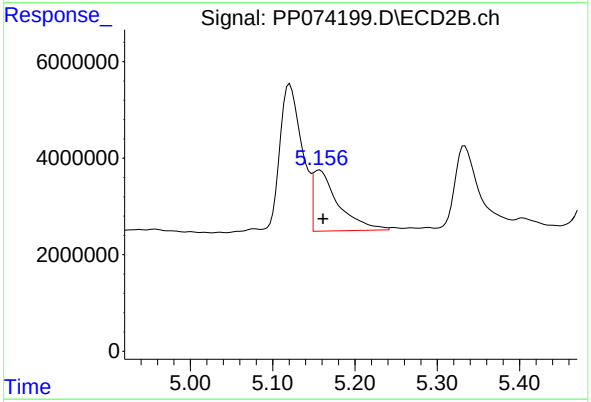
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 57719879
Conc: 394.50 ng/ml



#23 AR-1248-3

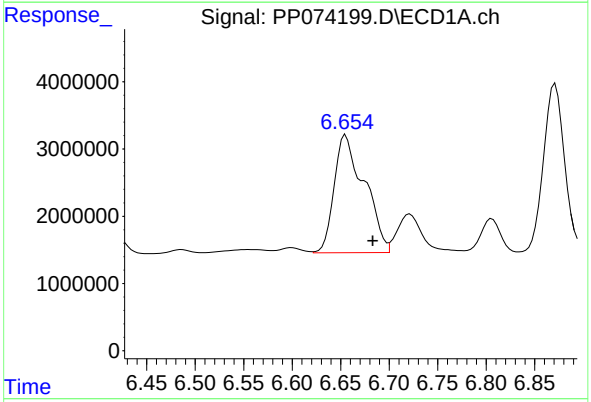
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 9175288
Conc: 205.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



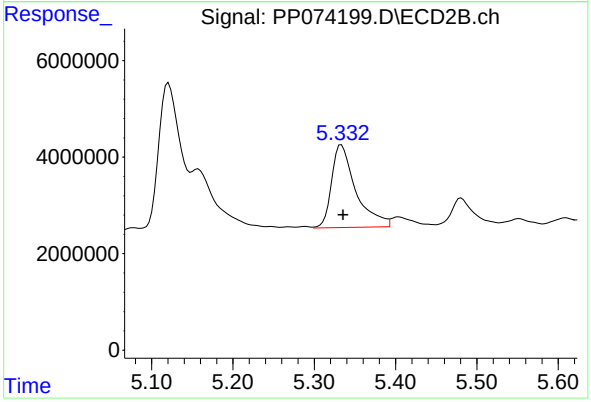
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 26883268
Conc: 156.79 ng/ml



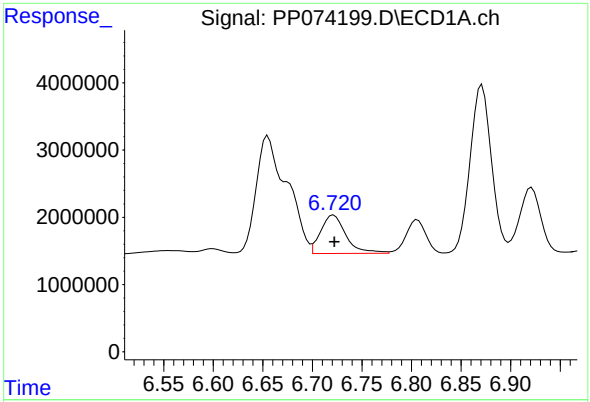
#24 AR-1248-4

R.T.: 6.655 min
Delta R.T.: -0.028 min
Response: 37990866
Conc: 730.07 ng/ml



#24 AR-1248-4

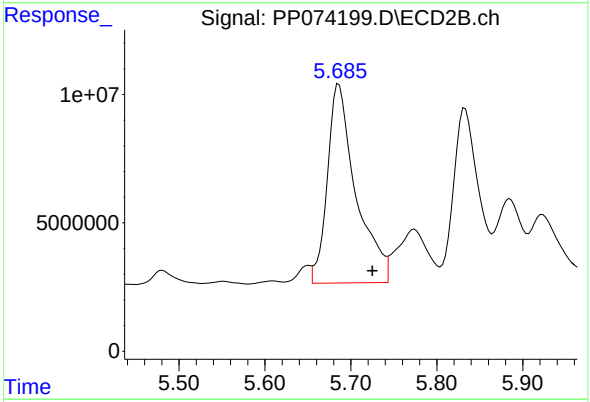
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 35534075
Conc: 213.58 ng/ml



#25 AR-1248-5

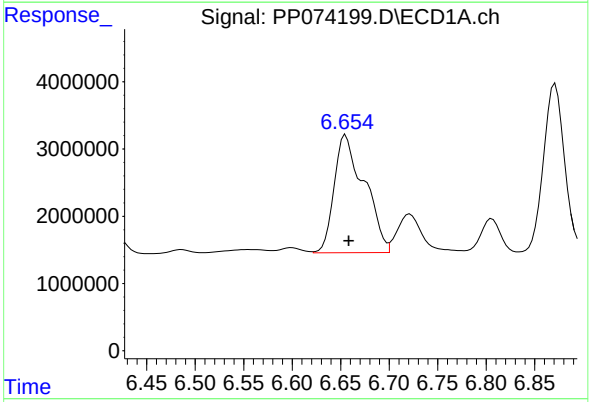
R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 10174999
Conc: 178.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



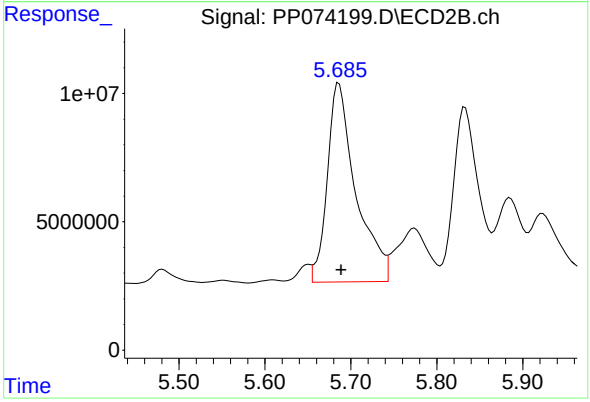
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.039 min
Response: 178511104
Conc: 613.51 ng/ml



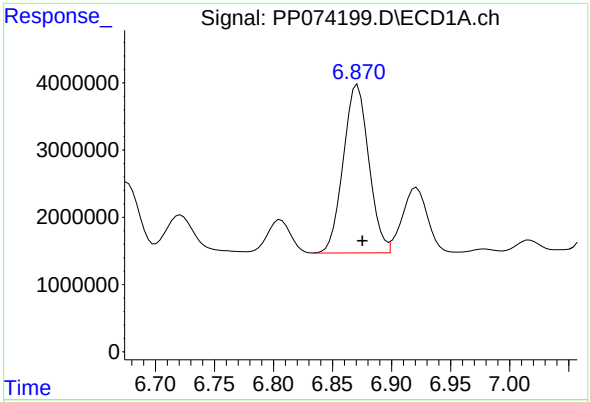
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 37990866
Conc: 721.70 ng/ml



#26 AR-1254-1

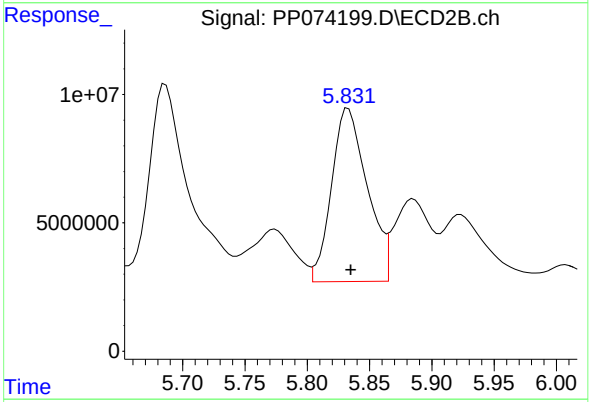
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



#27 AR-1254-2

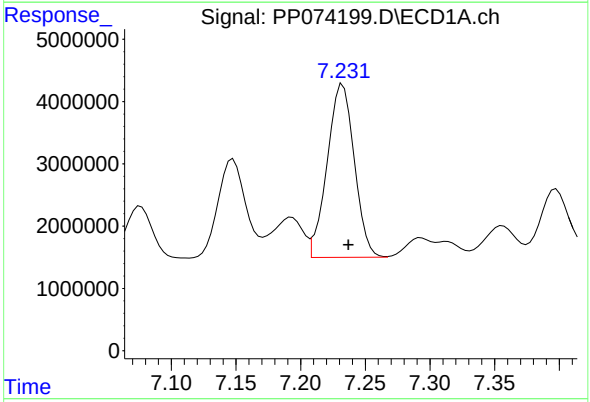
R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



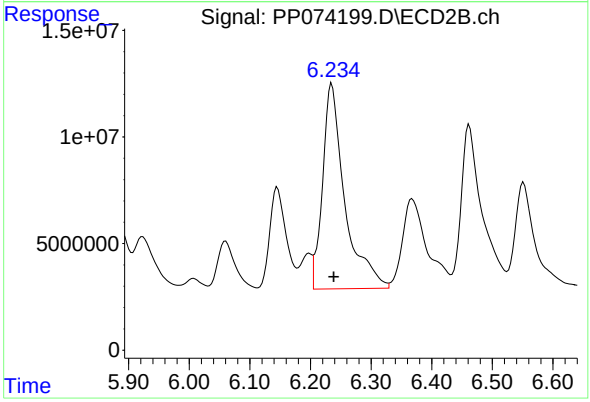
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



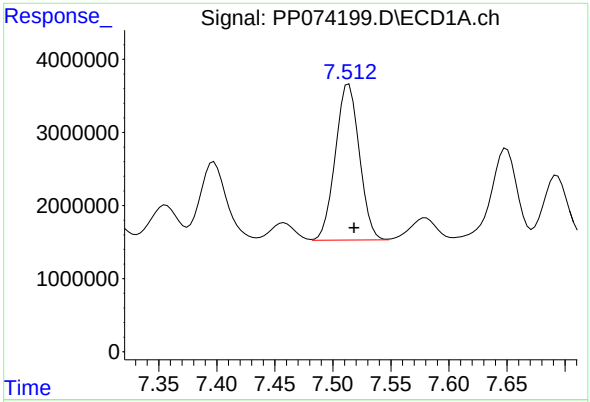
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml



#28 AR-1254-3

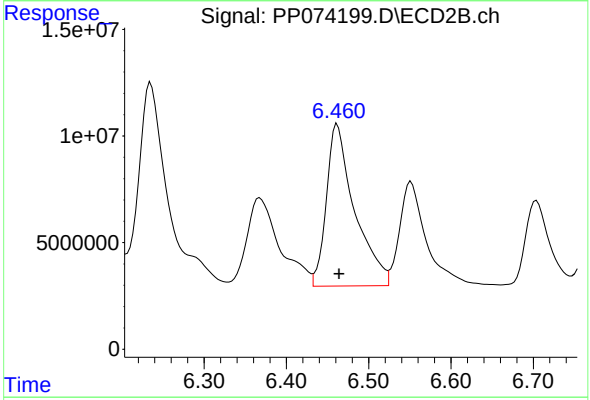
R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



#29 AR-1254-4

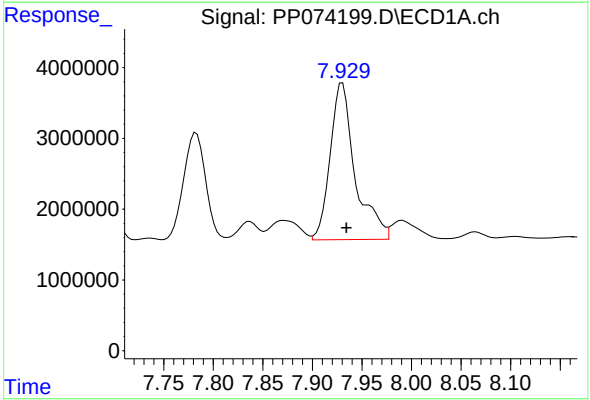
R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



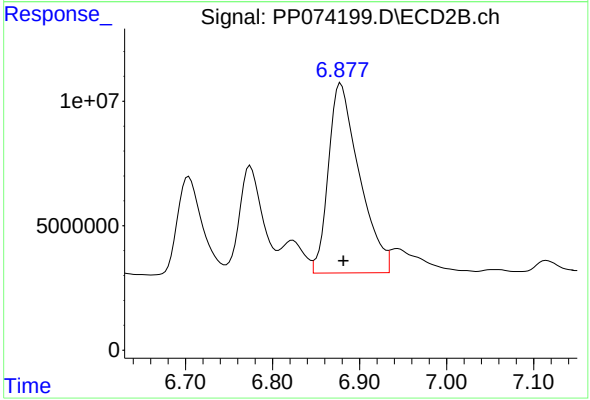
#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



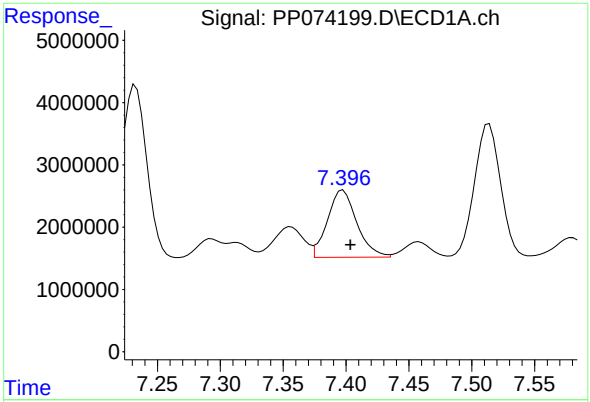
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml



#30 AR-1254-5

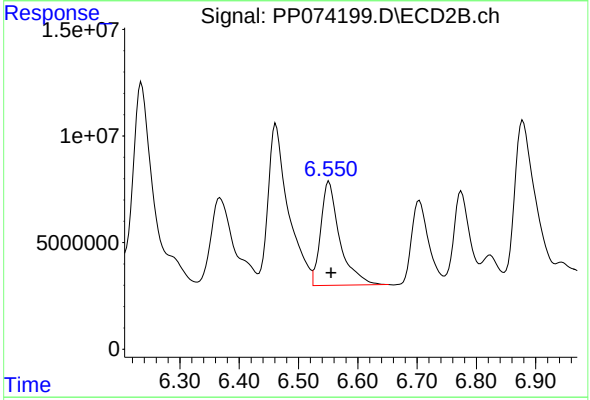
R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 188193102
Conc: 478.75 ng/ml



#31 AR-1260-1

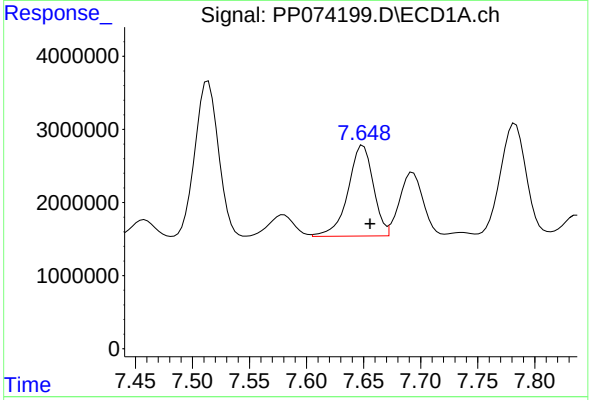
R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 17543251
Conc: 311.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



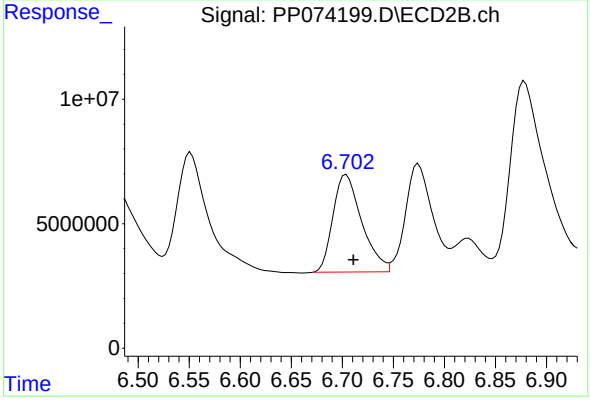
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 109049999
Conc: 269.95 ng/ml



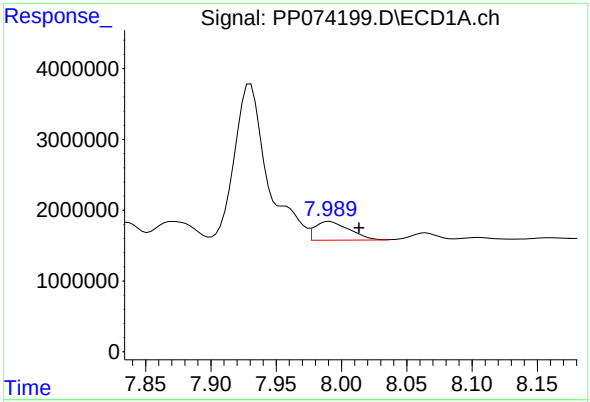
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: -0.006 min
Response: 19124212
Conc: 280.61 ng/ml



#32 AR-1260-2

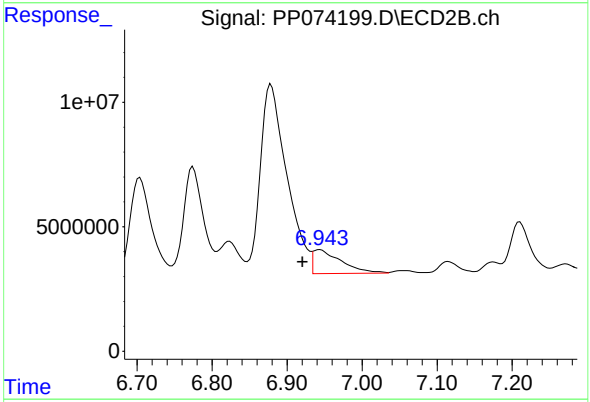
R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 77042973
Conc: 246.38 ng/ml



#33 AR-1260-3

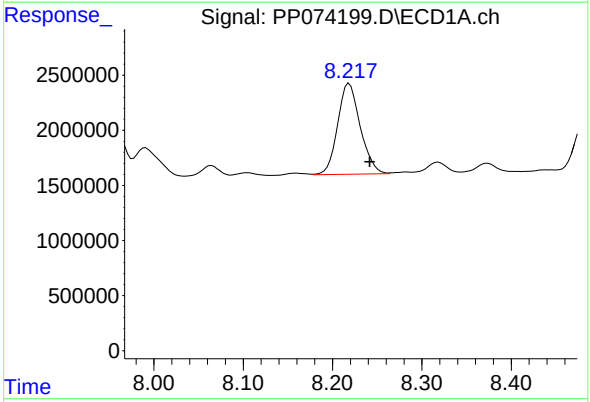
R.T.: 7.991 min
Delta R.T.: -0.023 min
Response: 4844847
Conc: 90.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



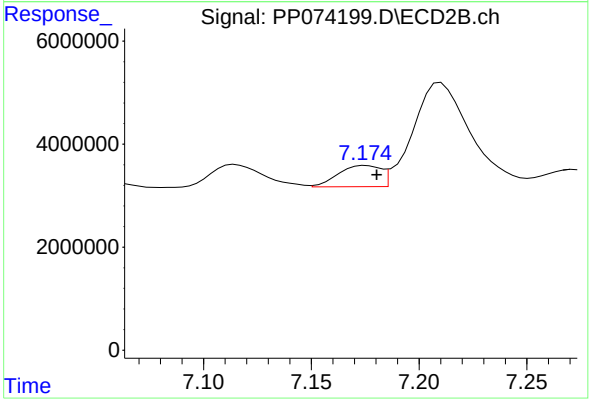
#33 AR-1260-3

R.T.: 6.944 min
Delta R.T.: 0.023 min
Response: 25122989
Conc: 63.74 ng/ml



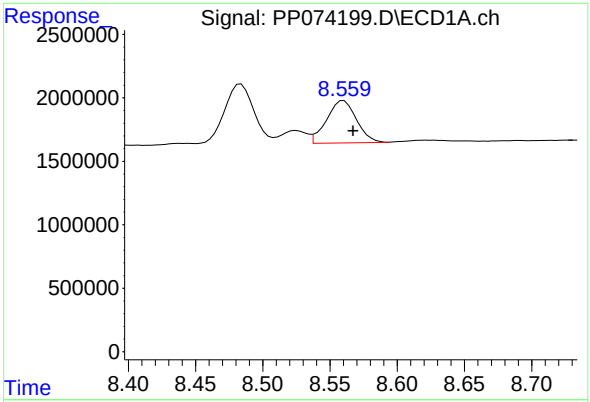
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.023 min
Response: 14487782
Conc: 231.38 ng/ml



#34 AR-1260-4

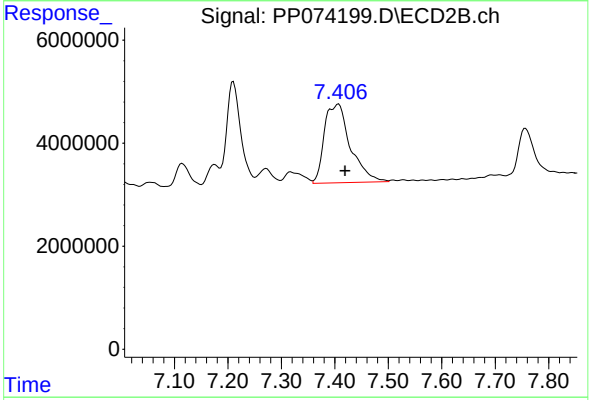
R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 5653722
Conc: 19.43 ng/ml



#35 AR-1260-5

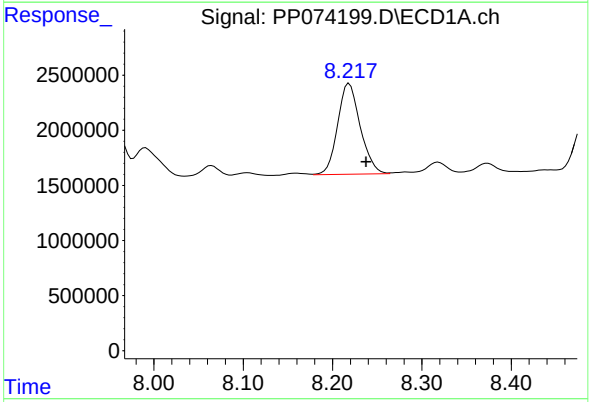
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 5145410
Conc: 45.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



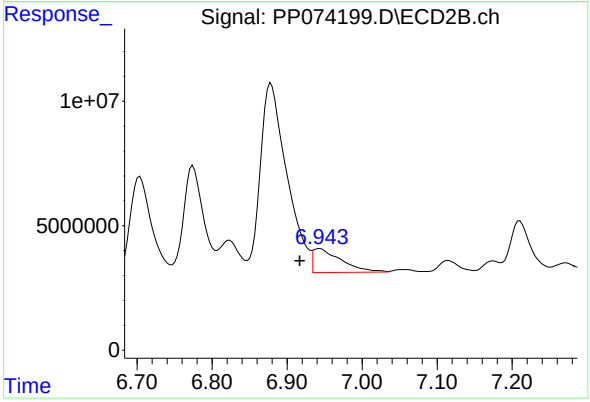
#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.012 min
Response: 51502946
Conc: 68.00 ng/ml



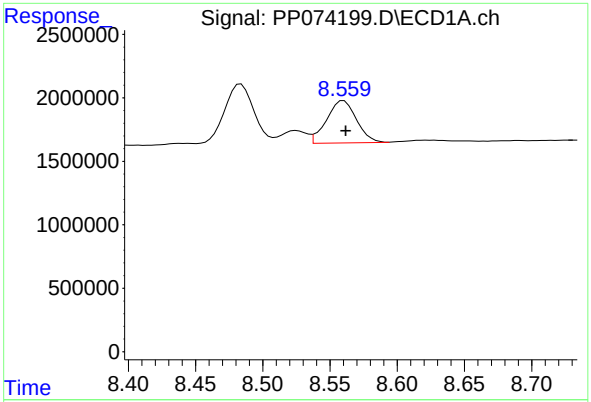
#36 AR-1262-1

R.T.: 8.219 min
Delta R.T.: -0.019 min
Response: 14487782
Conc: 191.16 ng/ml



#36 AR-1262-1

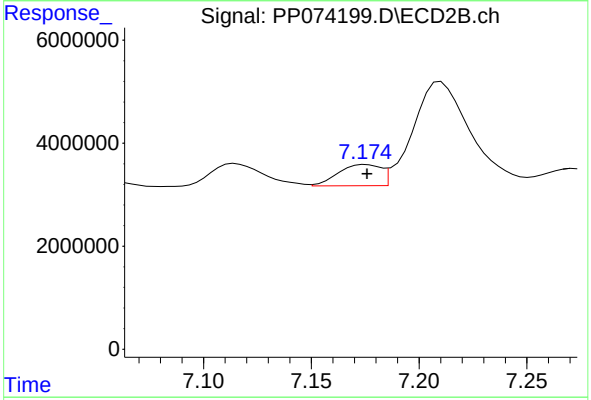
R.T.: 6.944 min
Delta R.T.: 0.027 min
Response: 25122989
Conc: 44.61 ng/ml



#37 AR-1262-2

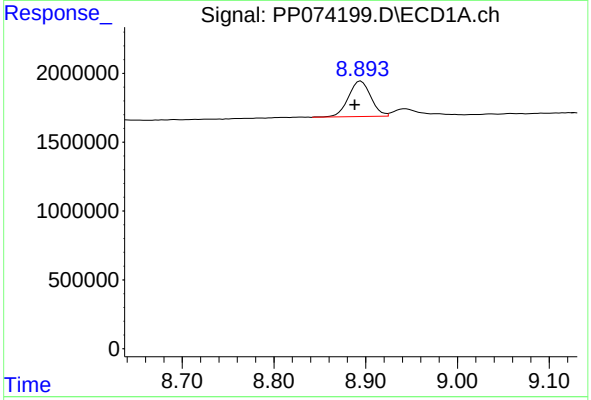
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 5145410
Conc: 39.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



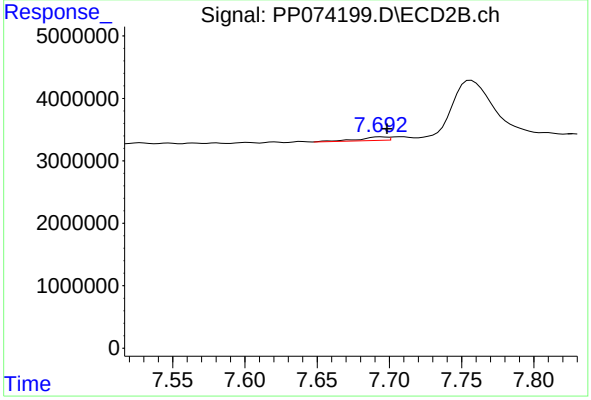
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 5653722
Conc: 14.10 ng/ml



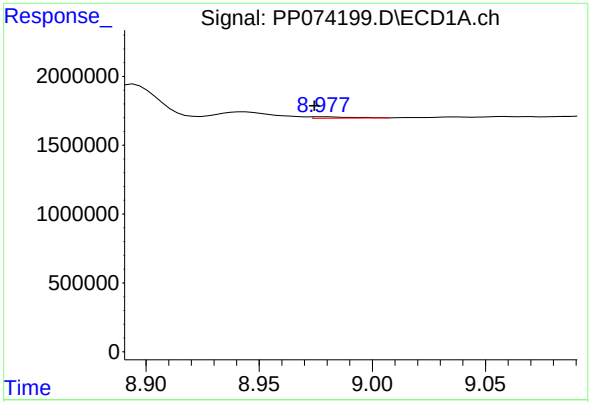
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.007 min
Response: 4365480
Conc: 46.41 ng/ml



#38 AR-1262-3

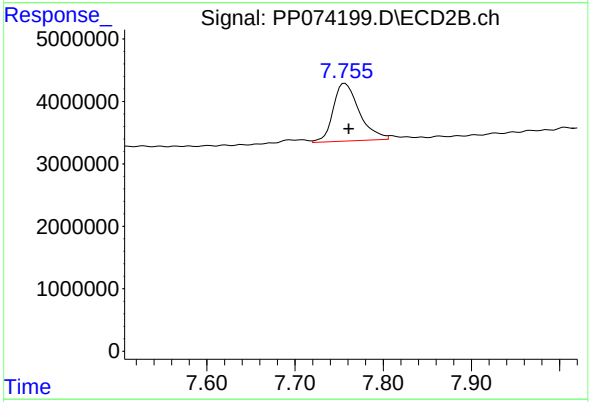
R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 772104
Conc: 2.15 ng/ml



#39 AR-1262-4

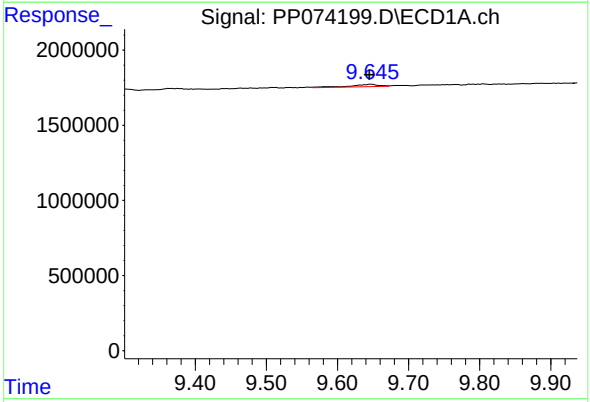
R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 118980
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



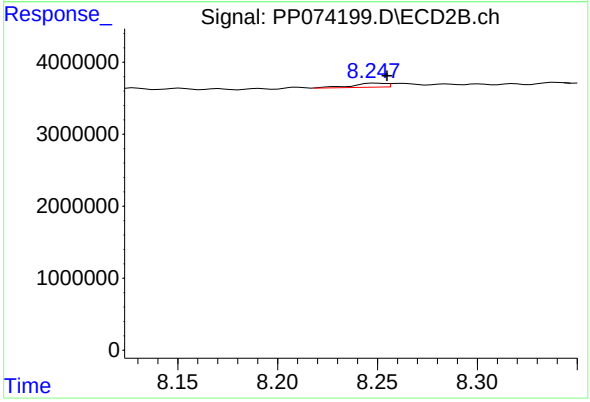
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 19007753
Conc: 28.50 ng/ml



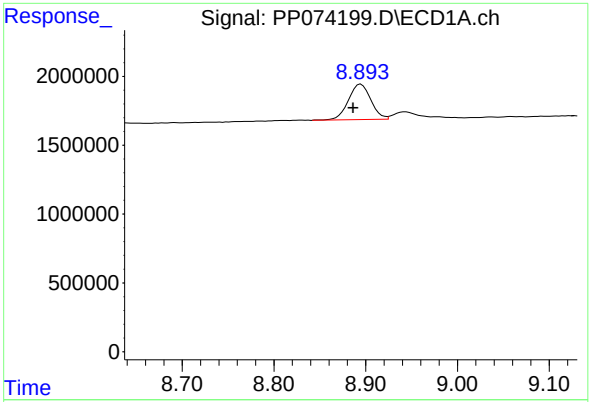
#40 AR-1262-5

R.T.: 9.647 min
Delta R.T.: 0.003 min
Response: 418724
Conc: 8.22 ng/ml



#40 AR-1262-5

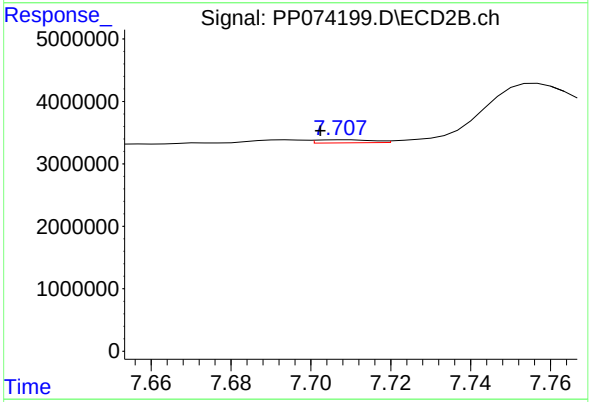
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 666817
Conc: 2.35 ng/ml



#41 AR-1268-1

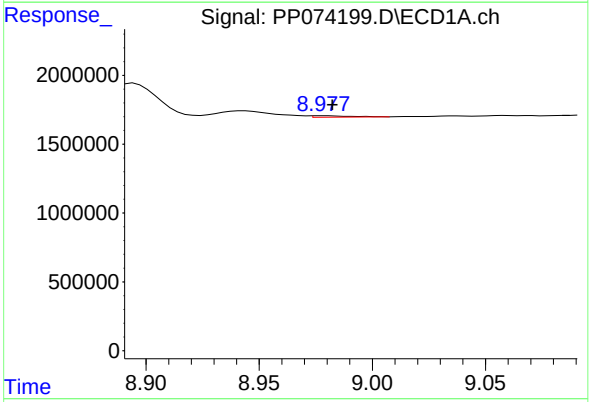
R.T.: 8.895 min
Delta R.T.: 0.008 min
Response: 4365480
Conc: 28.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



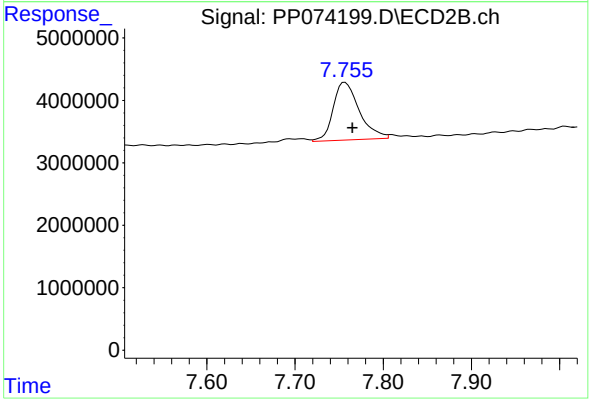
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.007 min
Response: 477278
Conc: 0.44 ng/ml



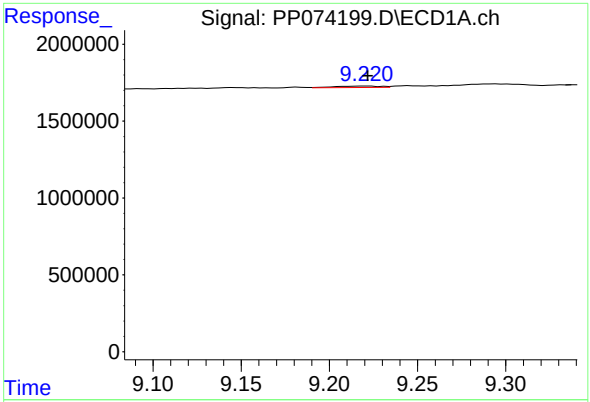
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: -0.003 min
Response: 118980
Conc: 0.83 ng/ml



#42 AR-1268-2

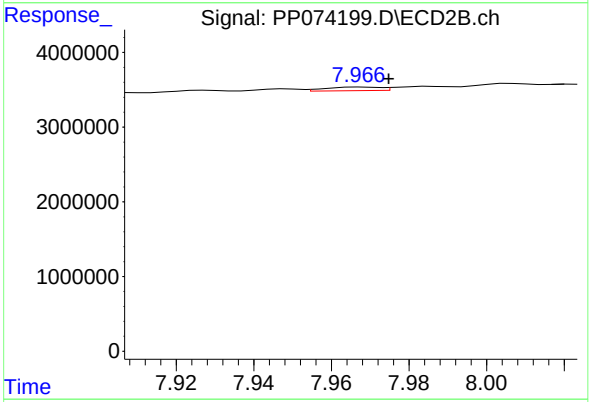
R.T.: 7.757 min
Delta R.T.: -0.009 min
Response: 19007753
Conc: 17.91 ng/ml



#43 AR-1268-3

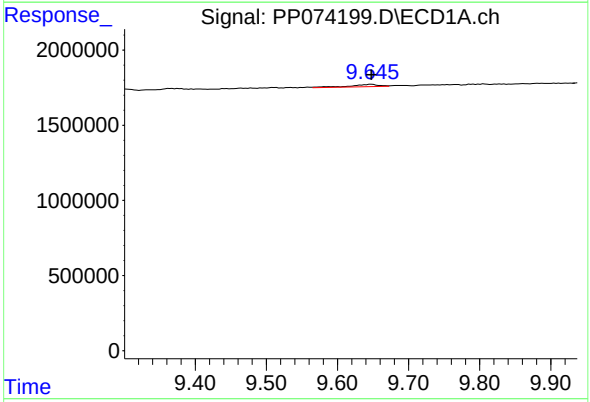
R.T.: 9.221 min
Delta R.T.: 0.000 min
Response: 168840
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



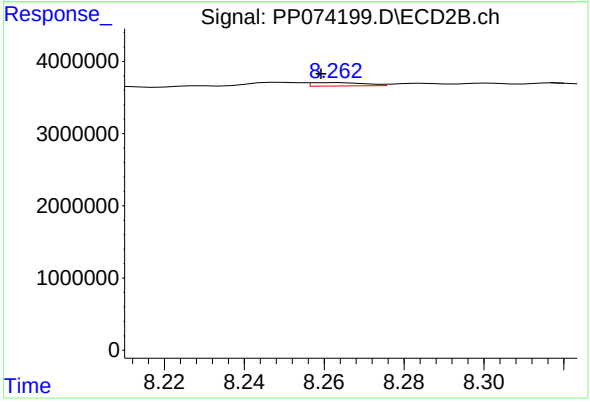
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: -0.007 min
Response: 472836
Conc: 0.57 ng/ml



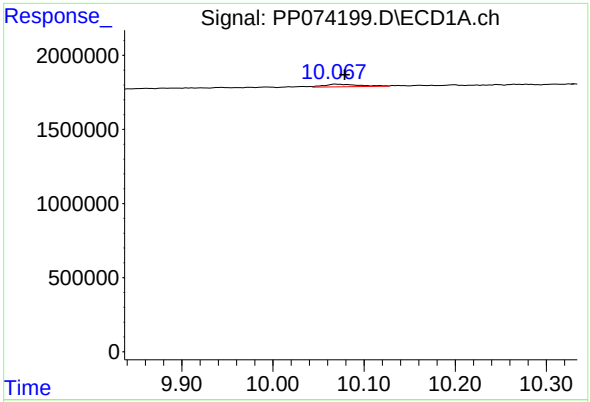
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 418724
Conc: 7.12 ng/ml



#44 AR-1268-4

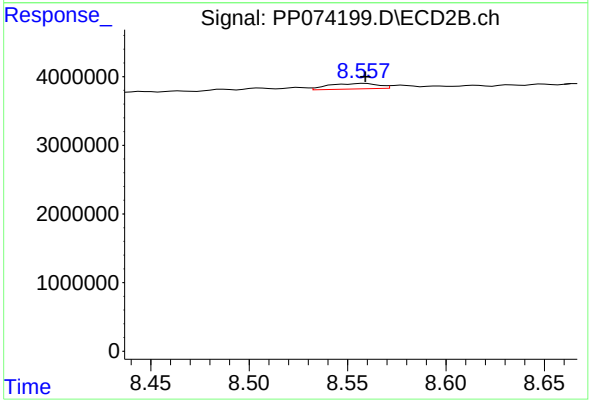
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 437922
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 10.069 min
Delta R.T.: -0.009 min
Response: 442219
Conc: 1.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



#45 AR-1268-5

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 1401468
Conc: 0.55 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:30
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: Aug 14 00:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.659	3.802	62495053	231.9E6	55.884	60.469	
2)	SA	Decachlor...	10.437	8.820	47848347	321.7E6	49.269	53.490	
	Target Compounds								
3)	L1	AR-1016-1	5.810	4.902	21767569	235.2E6	527.612	589.560	
4)	L1	AR-1016-2	5.832	4.961	32376709	111.3E6	533.023	592.869	
5)	L1	AR-1016-3	5.895	5.080	21611227	62504169	544.905	589.275	
6)	L1	AR-1016-4	5.992	5.121	17594613	62934228	540.633	576.215	
7)	L1	AR-1016-5	6.285	5.335	17311303	72464886	533.180	619.553	
8)	L2	AR-1221-1	4.854	4.013	2674433	7404377	159.538	150.848	
9)	L2	AR-1221-2	4.945	4.099	3952907	9668240	313.697	269.390	
10)	L2	AR-1221-3	5.020	4.176	13273579	46119767	362.318	341.061	
11)	L3	AR-1232-1	5.020	4.176	13273579	46119767	457.121	454.999	
12)	L3	AR-1232-2	5.546	4.902	16805551	235.2E6	1117.189	1349.475	
13)	L3	AR-1232-3	5.832	5.080	32376709	62504169	1116.372	1364.225	
14)	L3	AR-1232-4	5.992	5.164	17594613	112.6E6	1137.424	1941.449	#
15)	L3	AR-1232-5	6.082	5.335	15548493	72464886	1327.115	1542.480	
16)	L4	AR-1242-1	5.810	4.902	21767569	235.2E6	584.116	681.368	
17)	L4	AR-1242-2	5.832	4.961	32376709	111.3E6	595.062	681.526	
18)	L4	AR-1242-3	5.895	5.080	21611227	62504169	604.749	677.563	
19)	L4	AR-1242-4	5.992	5.164	17594613	112.6E6	602.171	943.086	#
20)	L4	AR-1242-5	6.722	5.685	6701136	111.3E6	188.456	744.383	#
21)	L5	AR-1248-1	5.810	4.902	21767569	235.2E6	777.010	1099.266	#
22)	L5	AR-1248-2	6.082	5.121	15548493	62934228	386.192	430.136	
23)	L5	AR-1248-3	6.285	5.164	17311303	112.6E6	388.376	656.858	#
24)	L5	AR-1248-4	6.659	5.335	22532217	72464886	433.002	435.555	
25)	L5	AR-1248-5	6.722	5.685f	6701136	111.3E6	117.681	382.622	#
26)	L6	AR-1254-1	6.659	5.685	22532217	111.3E6	428.035	304.029	#
27)	L6	AR-1254-2	6.875	5.833	14228436	70373359	178.964	252.944	#
28)	L6	AR-1254-3	7.236	6.250	9387539	135.5E6	107.512	277.050	#
29)	L6	AR-1254-4	7.520	6.462	5878822	12861358	92.131	34.991	#
30)	L6	AR-1254-5	7.934	6.878	44584208	174.5E6	549.440	453.008	
31)	L7	AR-1260-1	7.402	6.552	28728677	226.3E6	509.771	560.132	
32)	L7	AR-1260-2	7.654	6.706	33613481	172.8E6	493.211	552.529	
33)	L7	AR-1260-3	8.013	6.916	26525957	223.9E6	497.711	568.069	
34)	L7	AR-1260-4	8.241	7.176	31321316	162.8E6	500.221	559.605	
35)	L7	AR-1260-5	8.567	7.415	54671864	427.5E6	482.520	564.361	
36)	L8	AR-1262-1	8.241	6.916	31321316	223.9E6	413.266	397.566	
37)	L8	AR-1262-2	8.567	7.176	54671864	162.8E6	419.166	406.045	
38)	L8	AR-1262-3	8.898	7.698	37819272	91826811	402.030	255.451	#
39)	L8	AR-1262-4	8.979	7.762	25399770	289.0E6	348.650	433.338	
40)	L8	AR-1262-5	9.651	8.256	18215646	99290485	357.712	350.518	
41)	L9	AR-1268-1	8.898	7.698	37819272	91826811	243.003	84.224	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:30
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: Aug 14 00:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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	8.979	7.762	25399770	289.0E6	177.094	272.303	#
43)	L9 AR-1268-3	9.224	7.968	1045784	4421614	8.753	5.315	#
44)	L9 AR-1268-4	9.651	8.256	18215646	99290485	309.724	322.310	
45)	L9 AR-1268-5	10.082	8.555	5325426	23094147	15.142	9.056	#

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

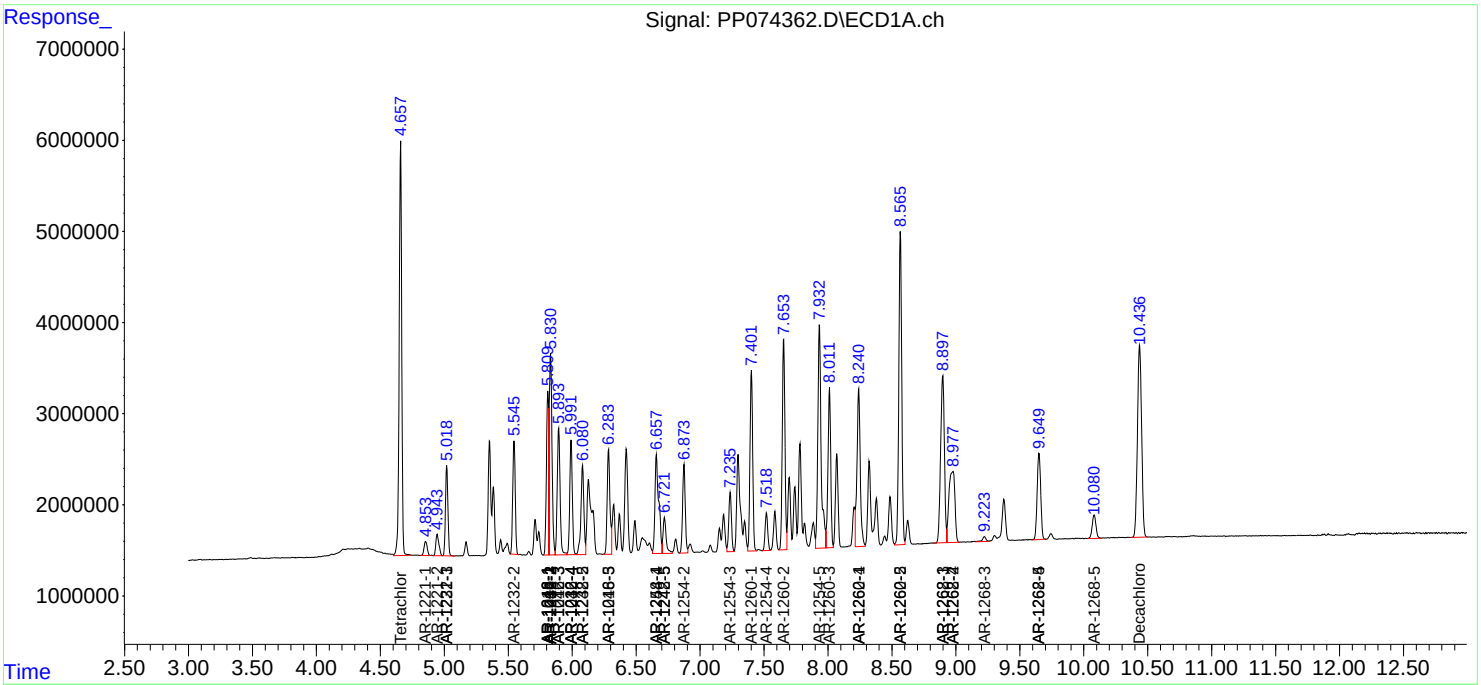
Quantitation Report (Not Reviewed)

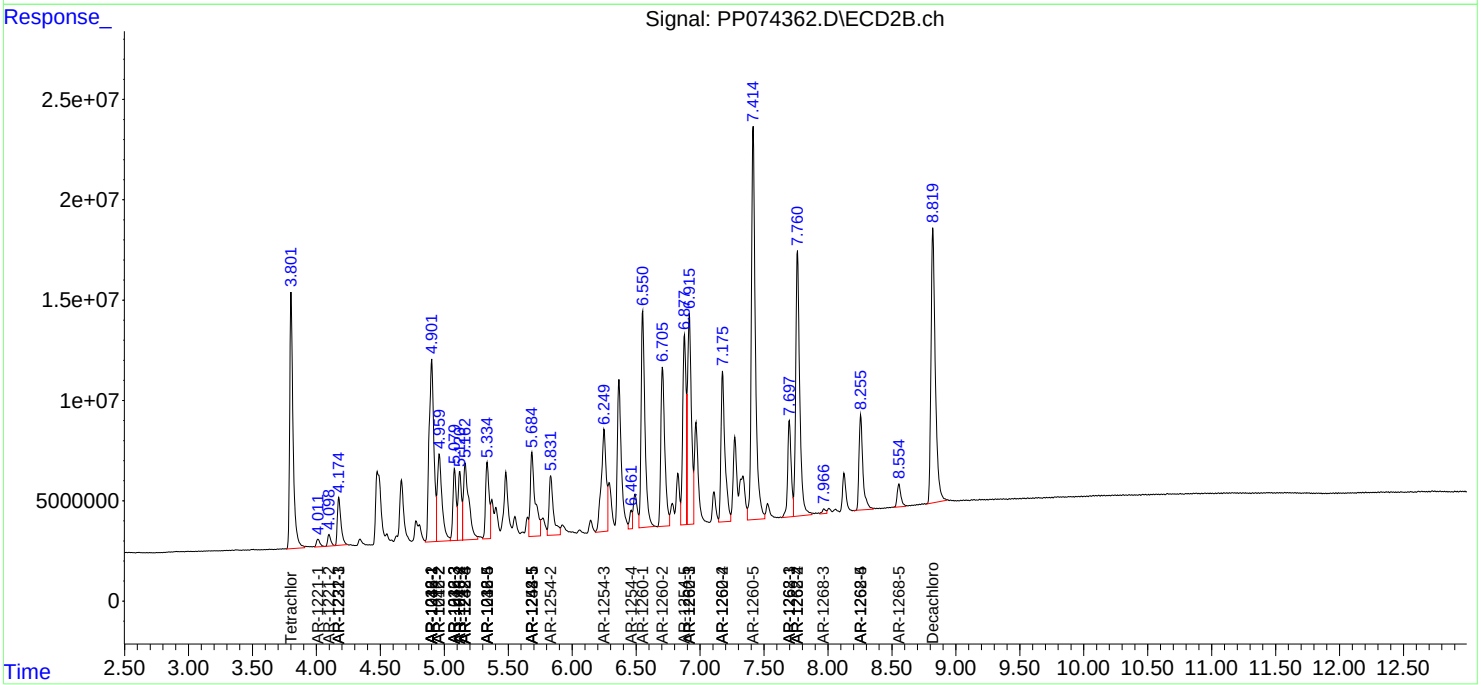
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081325\
Data File : PP074362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 20:30
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

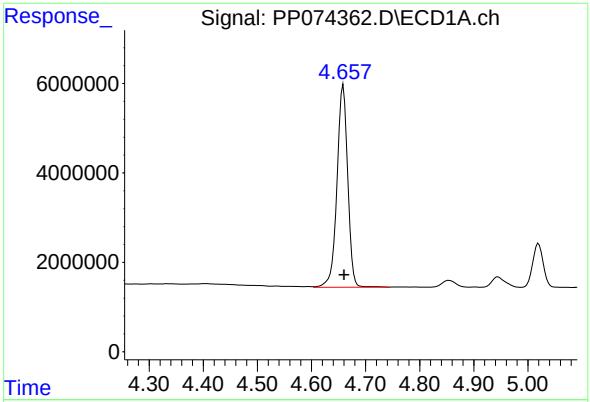
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



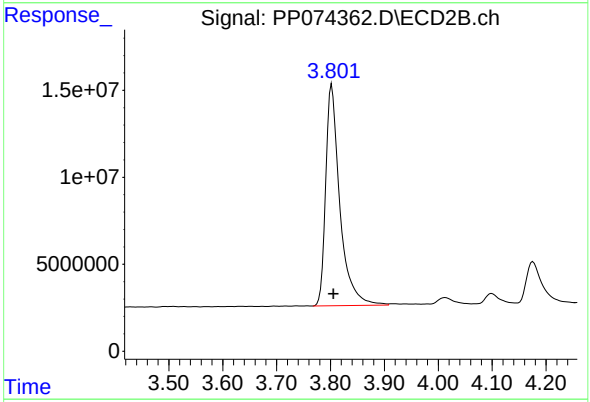




#1 Tetrachloro-m-xylene

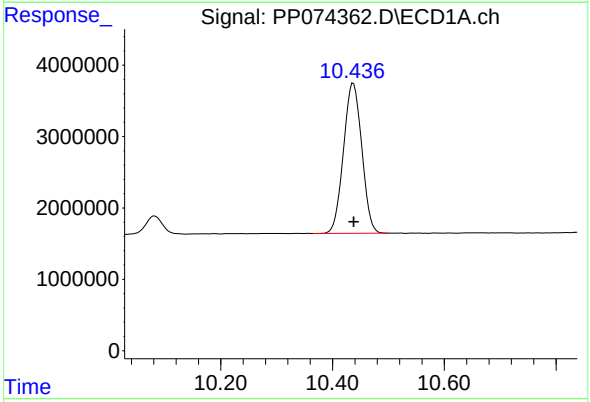
R.T.: 4.659 min
Delta R.T.: -0.001 min
Response: 62495053
Conc: 55.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



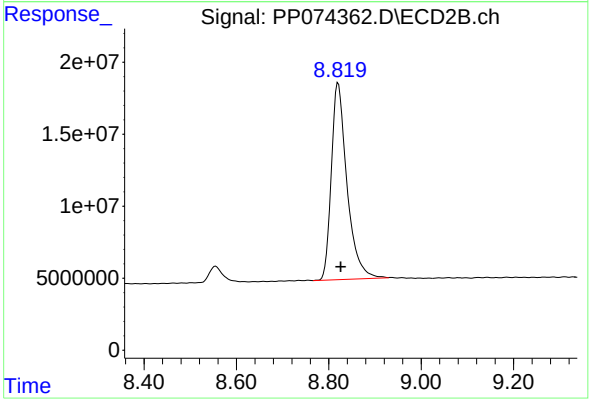
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 231863358
Conc: 60.47 ng/ml



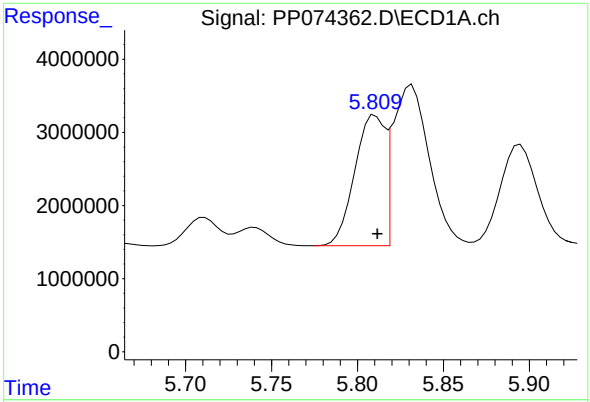
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47848347
Conc: 49.27 ng/ml



#2 Decachlorobiphenyl

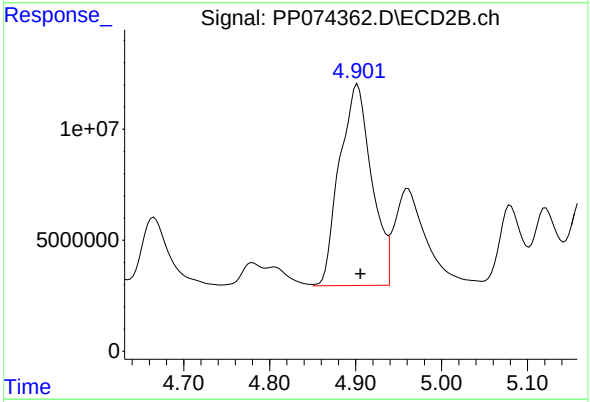
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 321667033
Conc: 53.49 ng/ml



#3 AR-1016-1

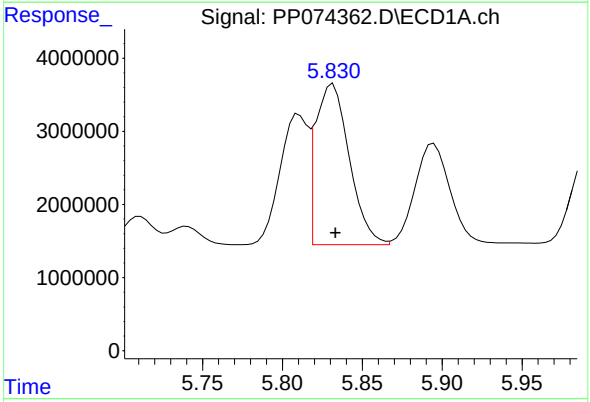
R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 21767569
Conc: 527.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



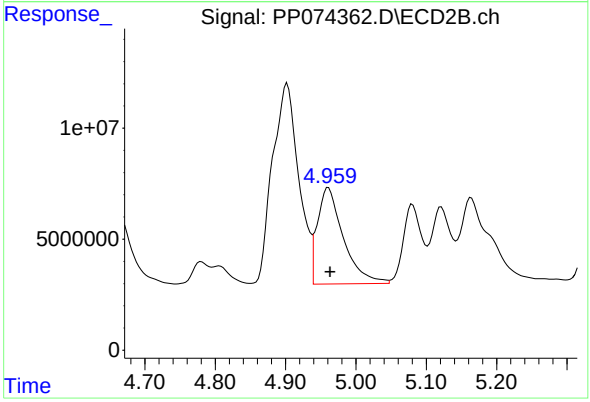
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 235167864
Conc: 589.56 ng/ml



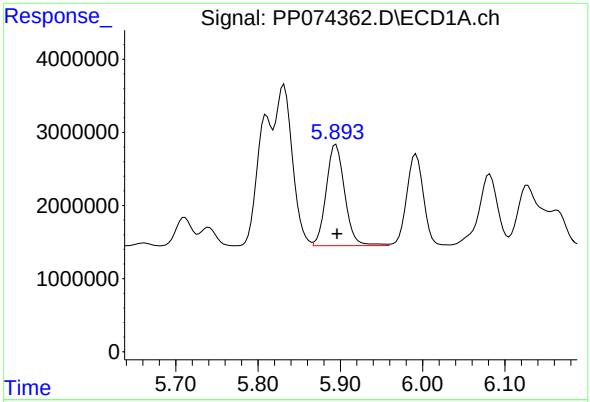
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 32376709
Conc: 533.02 ng/ml



#4 AR-1016-2

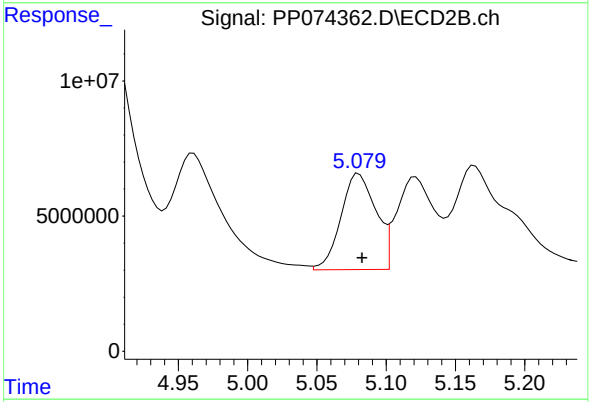
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 111346118
Conc: 592.87 ng/ml



#5 AR-1016-3

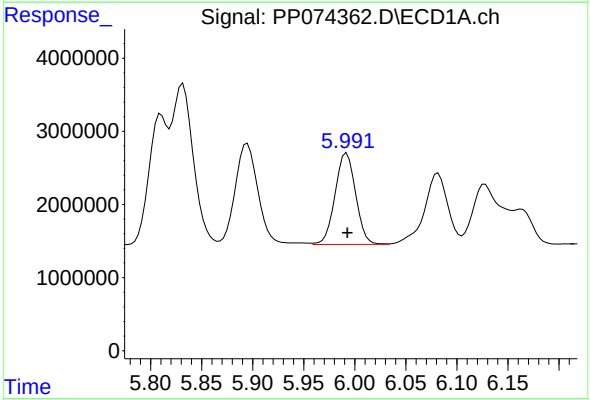
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 21611227
Conc: 544.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



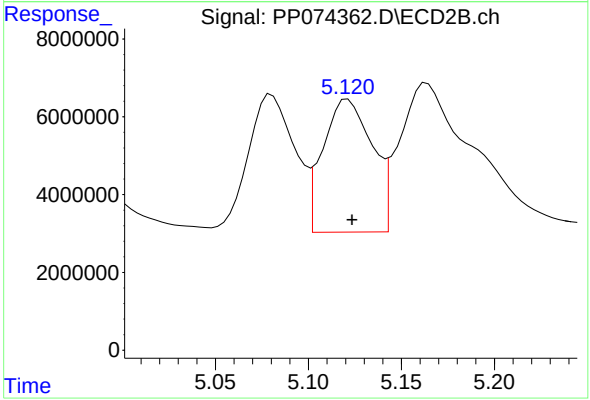
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 62504169
Conc: 589.27 ng/ml



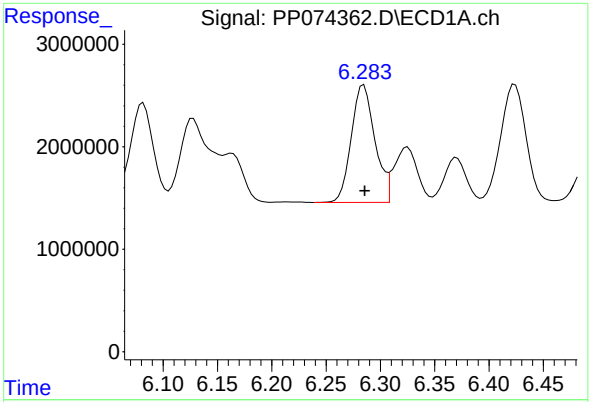
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 17594613
Conc: 540.63 ng/ml



#6 AR-1016-4

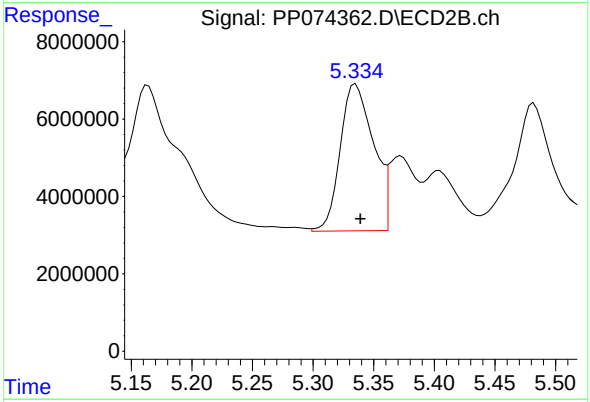
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 62934228
Conc: 576.21 ng/ml



#7 AR-1016-5

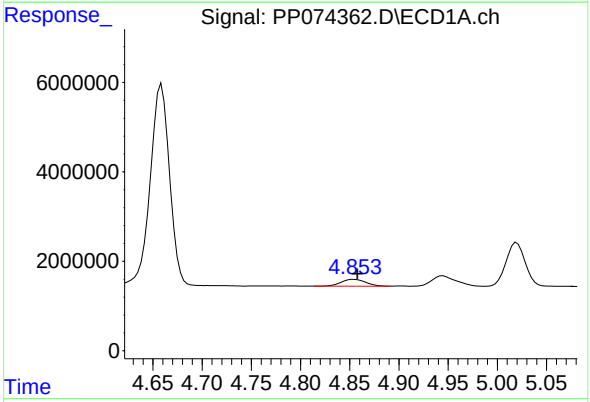
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 17311303
Conc: 533.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



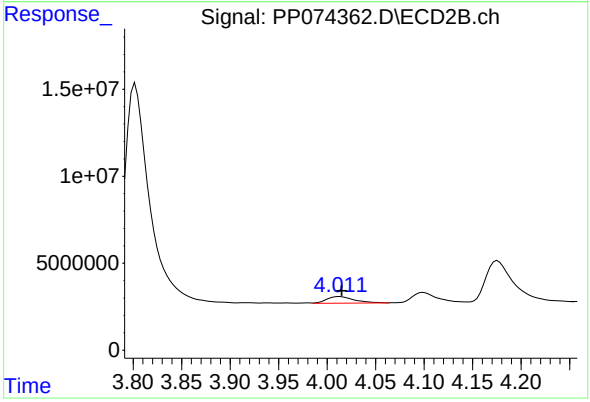
#7 AR-1016-5

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 72464886
Conc: 619.55 ng/ml



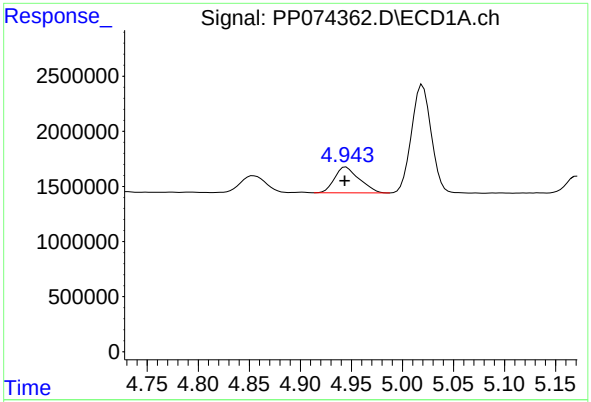
#8 AR-1221-1

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 2674433
Conc: 159.54 ng/ml



#8 AR-1221-1

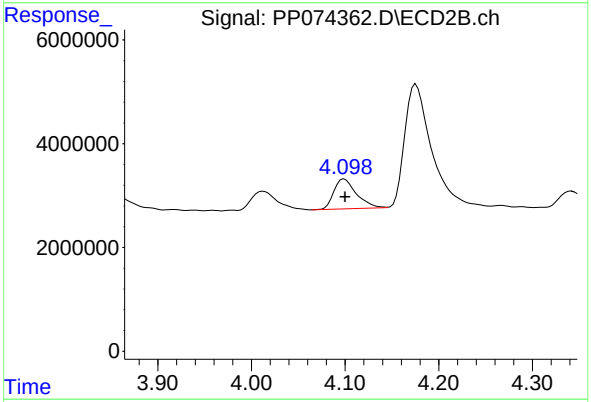
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 7404377
Conc: 150.85 ng/ml



#9 AR-1221-2

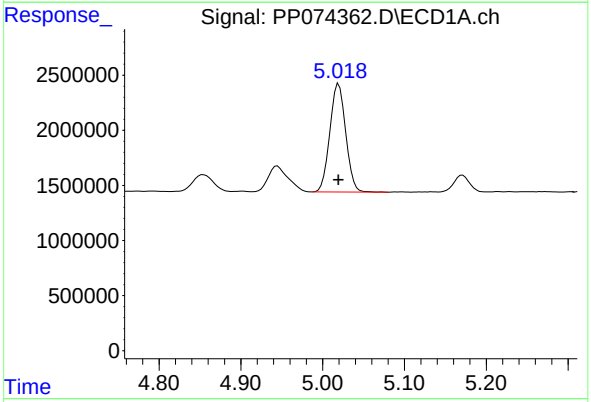
R.T.: 4.945 min
Delta R.T.: 0.001 min
Response: 3952907
Conc: 313.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



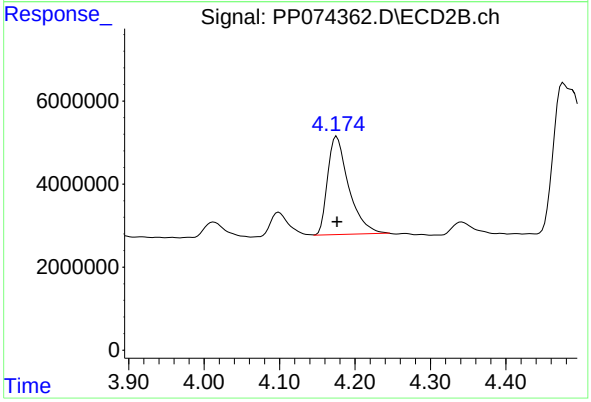
#9 AR-1221-2

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 9668240
Conc: 269.39 ng/ml



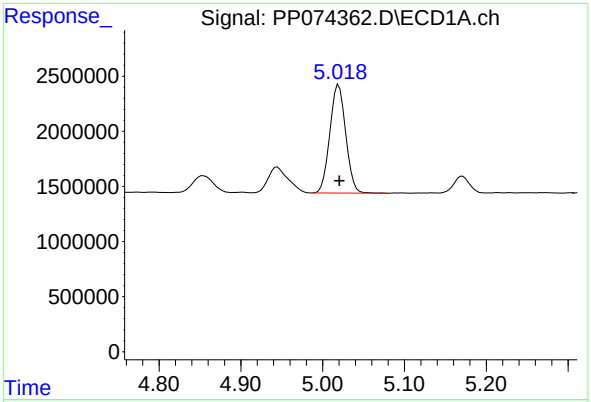
#10 AR-1221-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 13273579
Conc: 362.32 ng/ml



#10 AR-1221-3

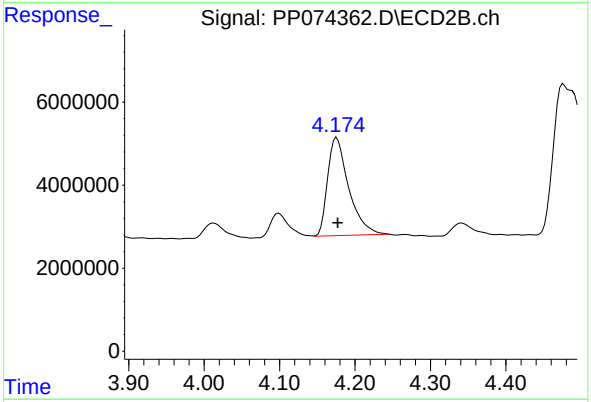
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 46119767
Conc: 341.06 ng/ml



#11 AR-1232-1

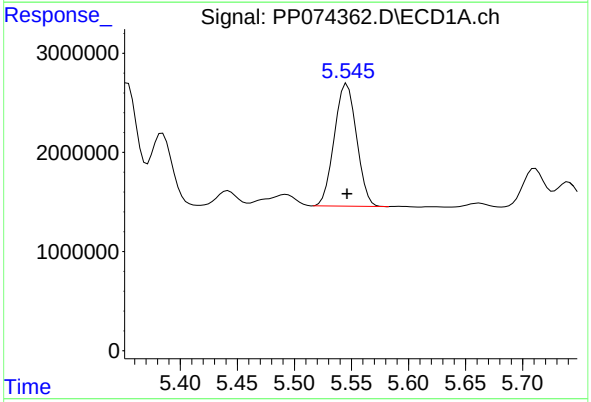
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 13273579
Conc: 457.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



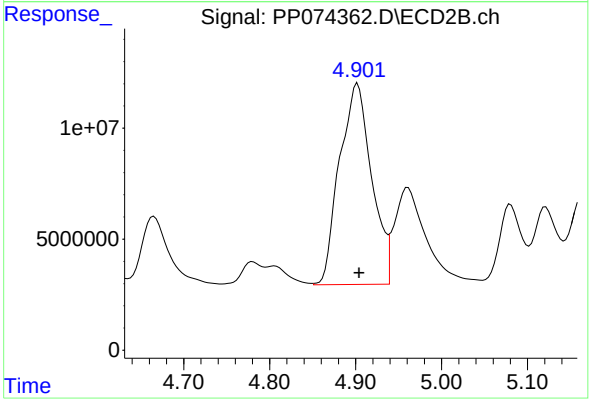
#11 AR-1232-1

R.T.: 4.176 min
Delta R.T.: -0.001 min
Response: 46119767
Conc: 455.00 ng/ml



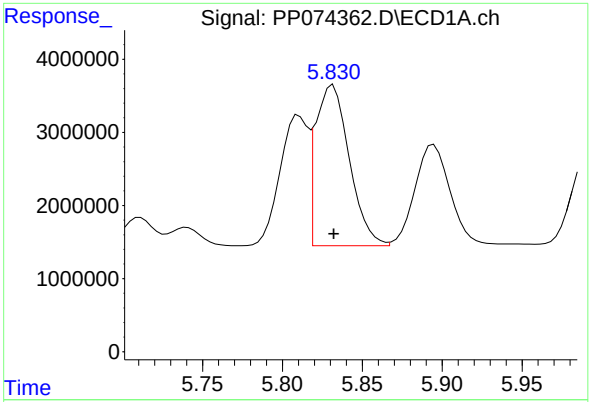
#12 AR-1232-2

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 16805551
Conc: 1117.19 ng/ml



#12 AR-1232-2

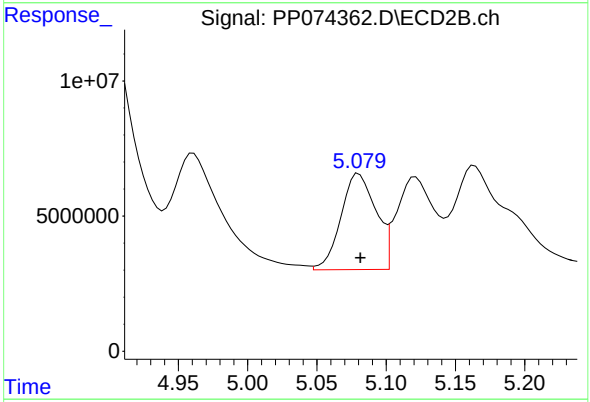
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 235167864
Conc: 1349.47 ng/ml



#13 AR-1232-3

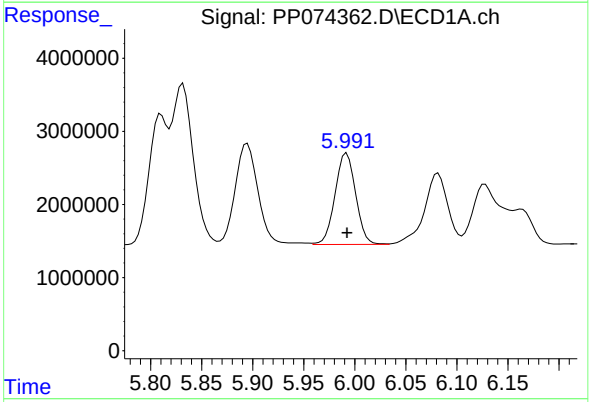
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 32376709
Conc: 1116.37 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



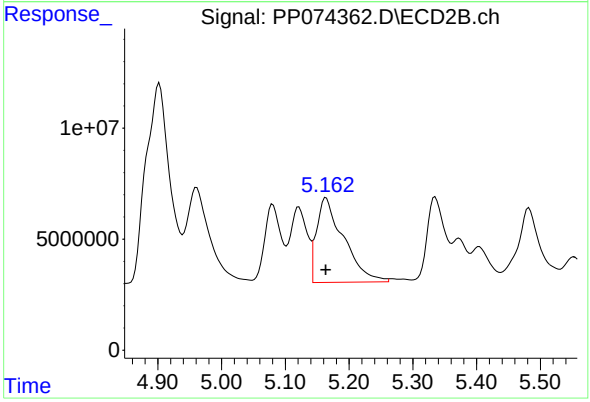
#13 AR-1232-3

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 62504169
Conc: 1364.22 ng/ml



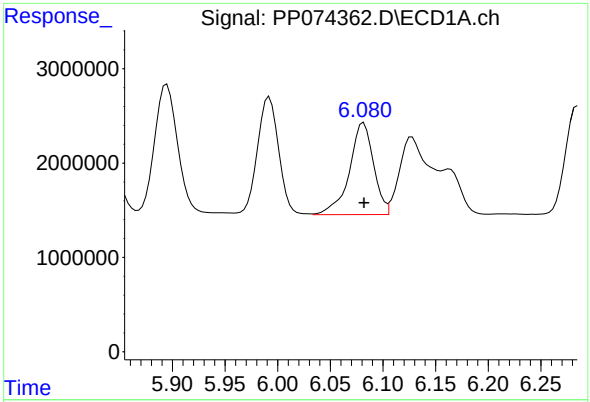
#14 AR-1232-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 17594613
Conc: 1137.42 ng/ml



#14 AR-1232-4

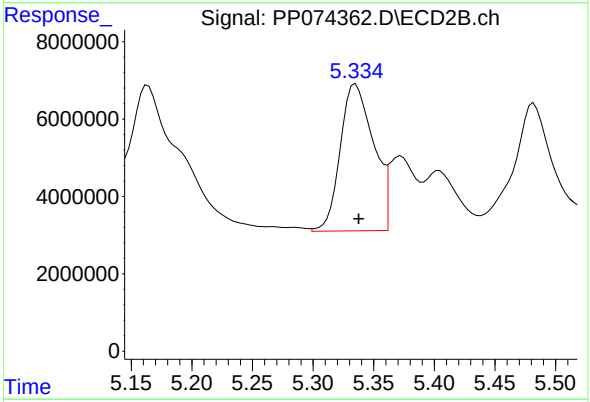
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 112624857
Conc: 1941.45 ng/ml



#15 AR-1232-5

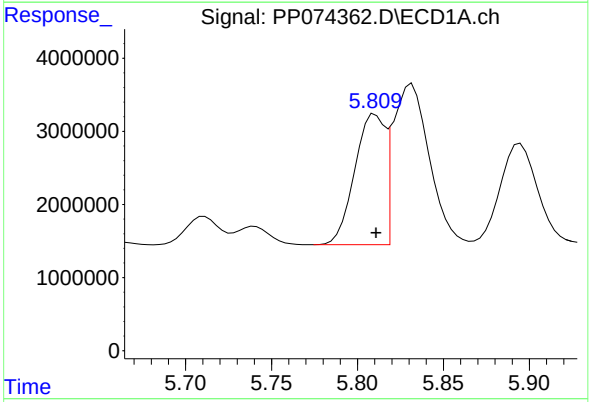
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 15548493
Conc: 1327.11 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



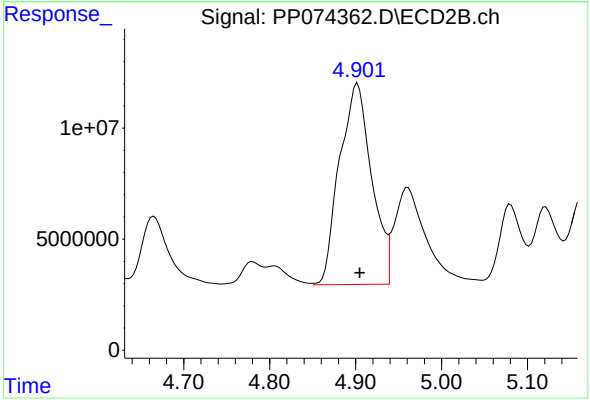
#15 AR-1232-5

R.T.: 5.335 min
Delta R.T.: -0.003 min
Response: 72464886
Conc: 1542.48 ng/ml



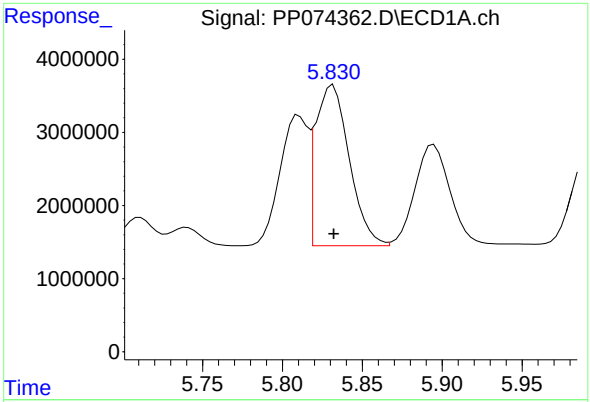
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 21767569
Conc: 584.12 ng/ml



#16 AR-1242-1

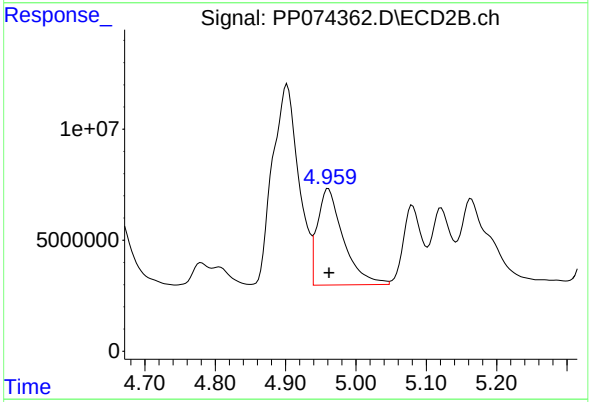
R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 235167864
Conc: 681.37 ng/ml



#17 AR-1242-2

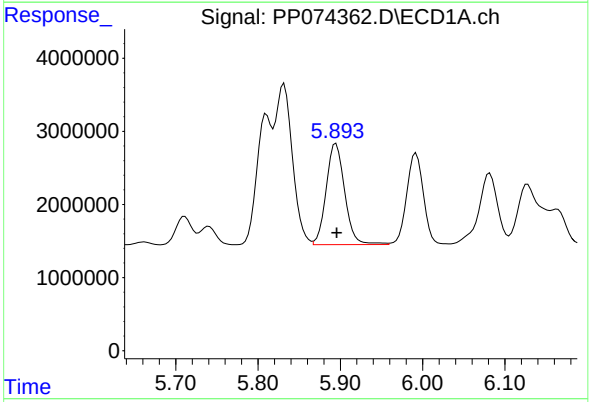
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 32376709
Conc: 595.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



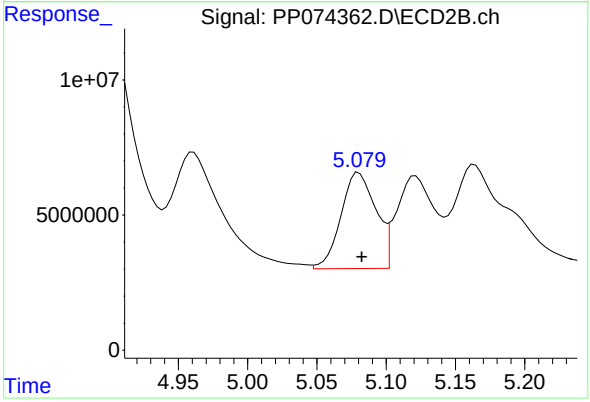
#17 AR-1242-2

R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 111346118
Conc: 681.53 ng/ml



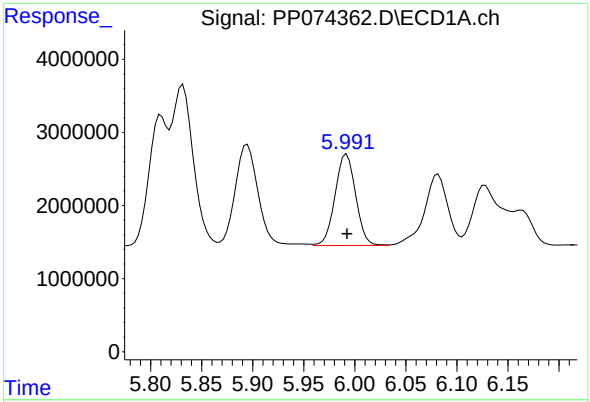
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 21611227
Conc: 604.75 ng/ml



#18 AR-1242-3

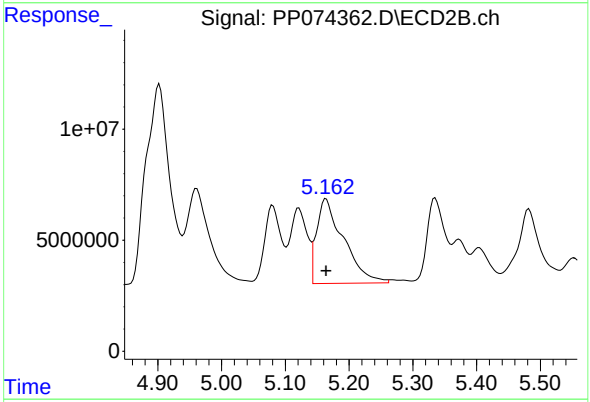
R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 62504169
Conc: 677.56 ng/ml



#19 AR-1242-4

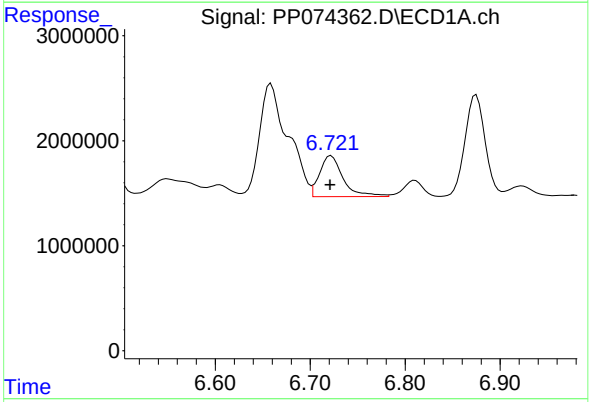
R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 17594613
Conc: 602.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



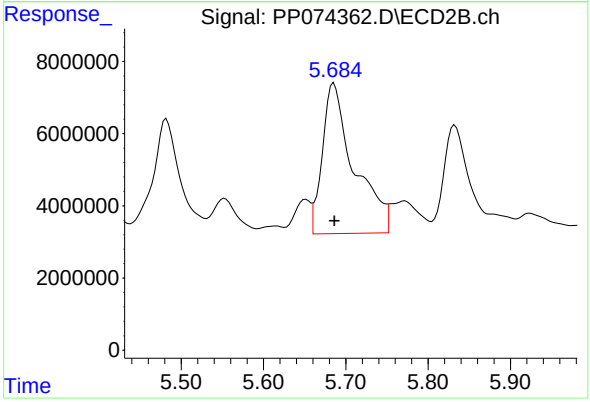
#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 112624857
Conc: 943.09 ng/ml



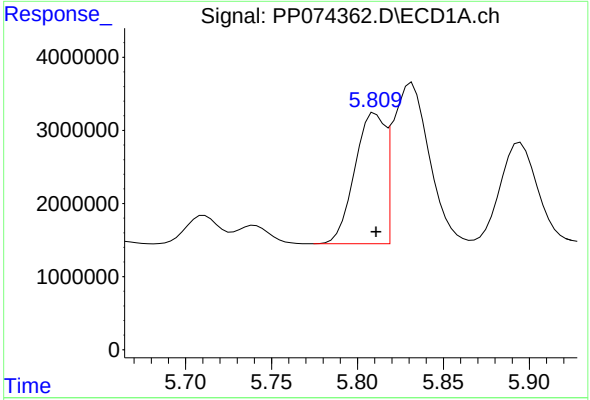
#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 6701136
Conc: 188.46 ng/ml



#20 AR-1242-5

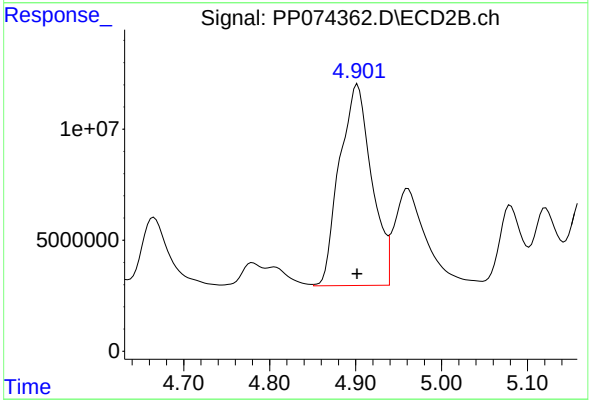
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 111329924
Conc: 744.38 ng/ml



#21 AR-1248-1

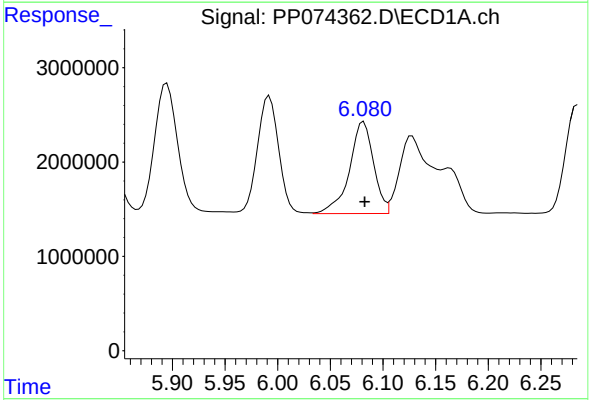
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 21767569
Conc: 777.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



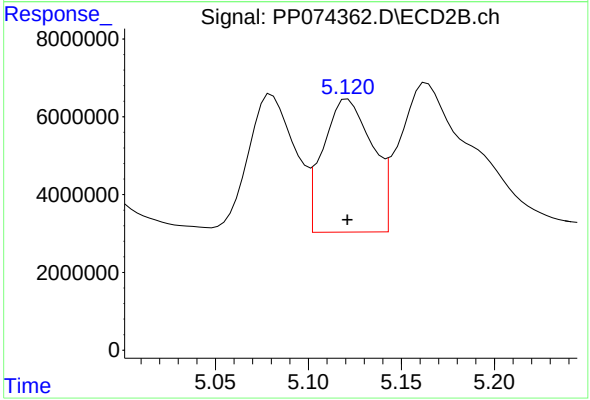
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 235167864
Conc: 1099.27 ng/ml



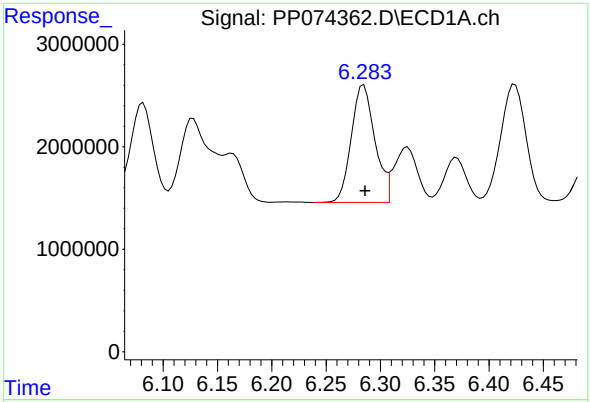
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 15548493
Conc: 386.19 ng/ml



#22 AR-1248-2

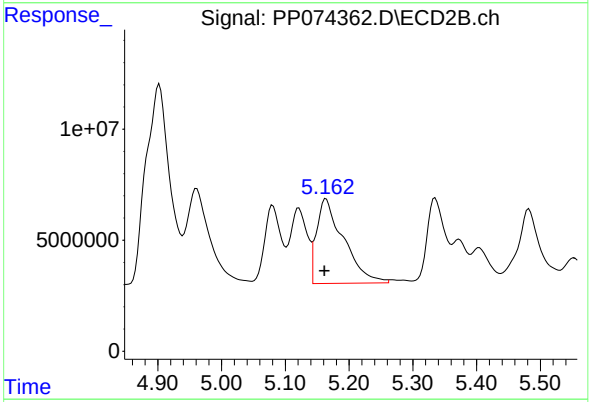
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 62934228
Conc: 430.14 ng/ml



#23 AR-1248-3

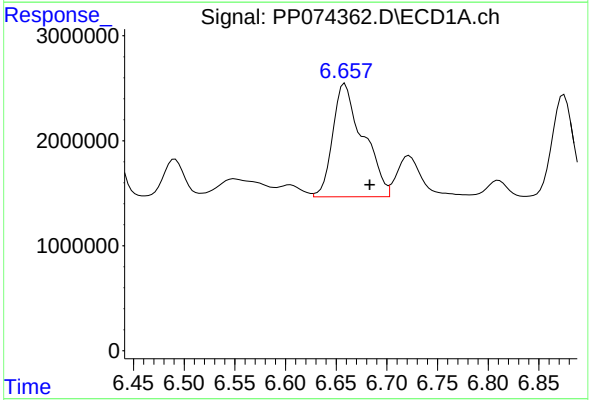
R.T.: 6.285 min
Delta R.T.: -0.001 min
Response: 17311303
Conc: 388.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



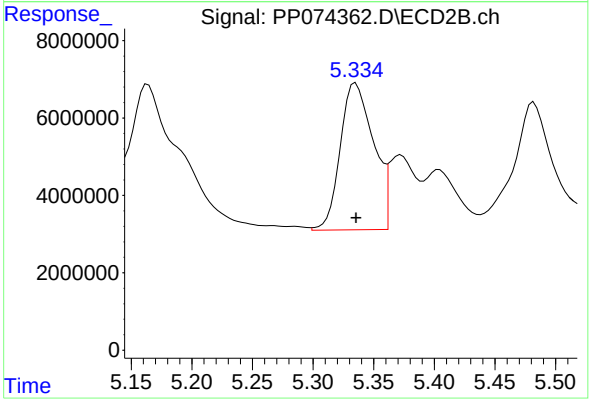
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.003 min
Response: 112624857
Conc: 656.86 ng/ml



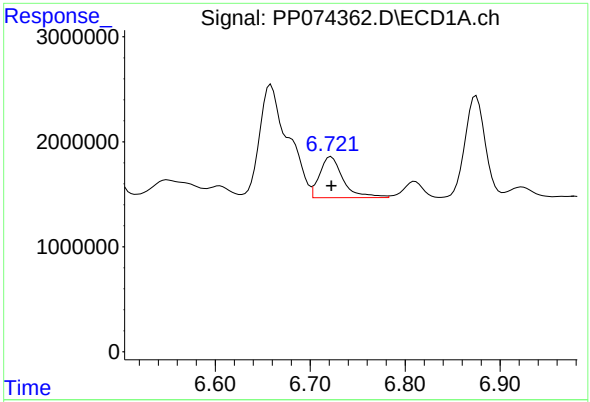
#24 AR-1248-4

R.T.: 6.659 min
Delta R.T.: -0.024 min
Response: 22532217
Conc: 433.00 ng/ml



#24 AR-1248-4

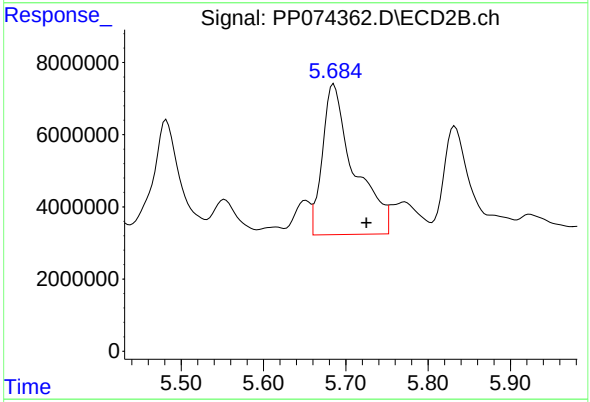
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 72464886
Conc: 435.56 ng/ml



#25 AR-1248-5

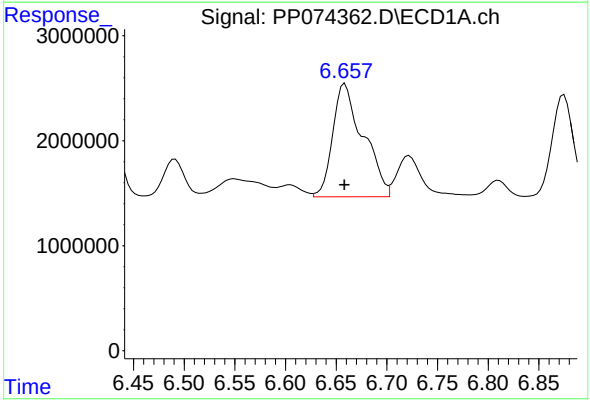
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 6701136
Conc: 117.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



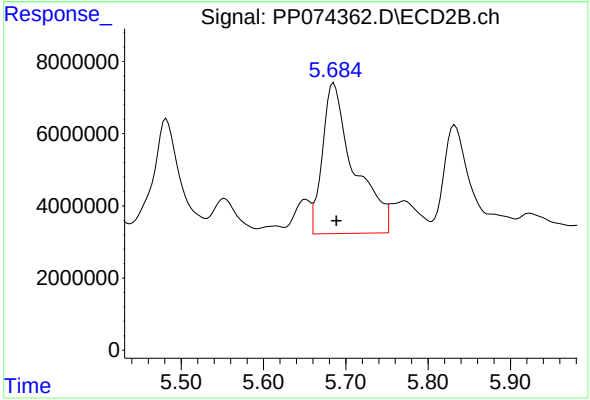
#25 AR-1248-5

R.T.: 5.685 min
Delta R.T.: -0.040 min
Response: 111329924
Conc: 382.62 ng/ml



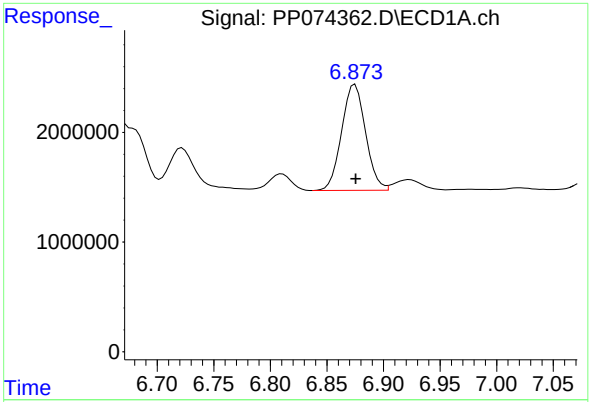
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 22532217
Conc: 428.04 ng/ml



#26 AR-1254-1

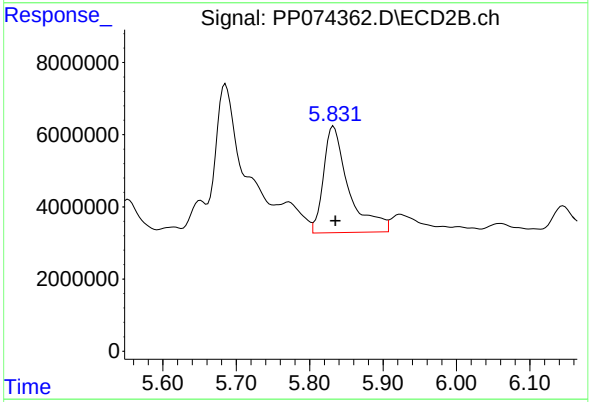
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 111329924
Conc: 304.03 ng/ml



#27 AR-1254-2

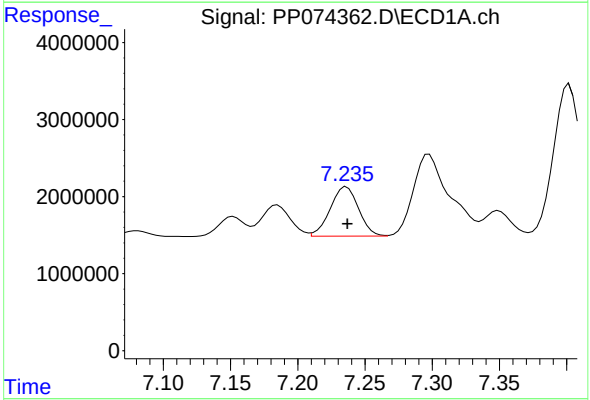
R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 14228436
Conc: 178.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



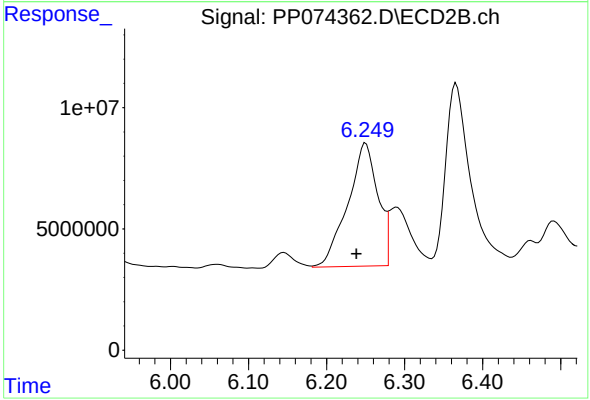
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 70373359
Conc: 252.94 ng/ml



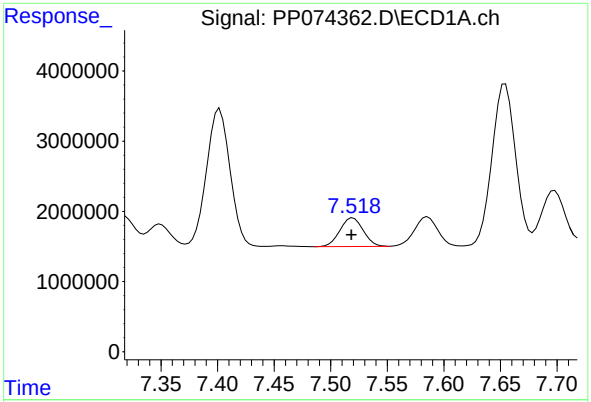
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 9387539
Conc: 107.51 ng/ml



#28 AR-1254-3

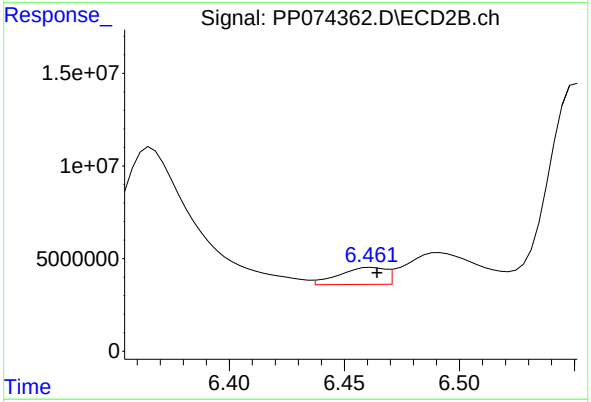
R.T.: 6.250 min
Delta R.T.: 0.012 min
Response: 135536253
Conc: 277.05 ng/ml



#29 AR-1254-4

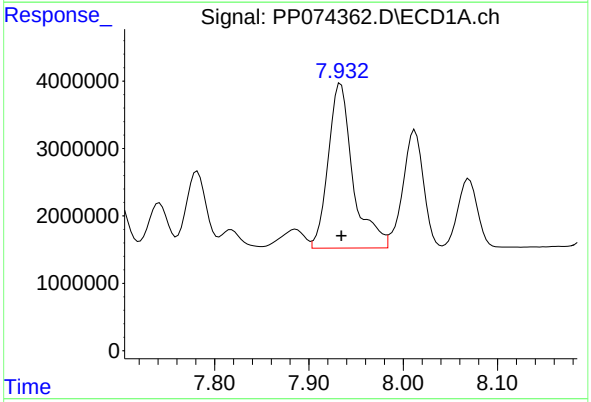
R.T.: 7.520 min
Delta R.T.: 0.001 min
Response: 5878822
Conc: 92.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



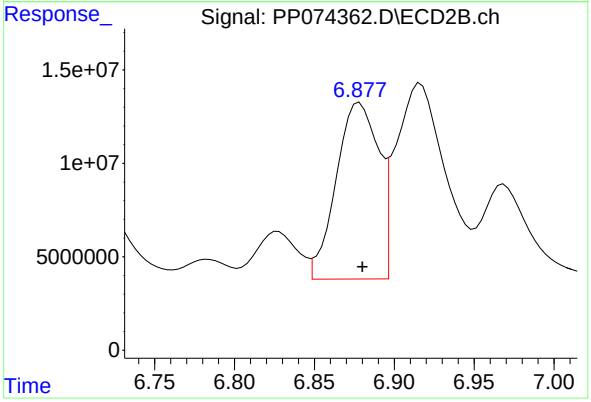
#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 12861358
Conc: 34.99 ng/ml



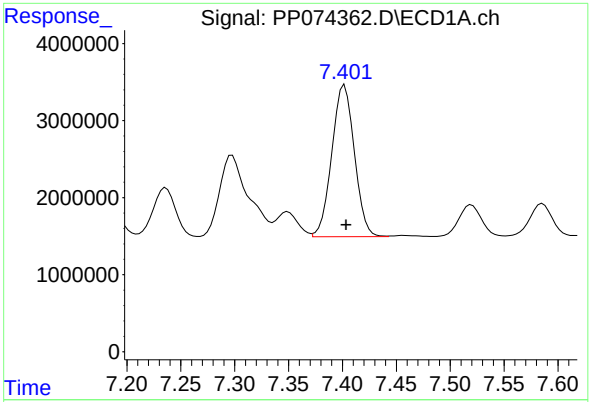
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 44584208
Conc: 549.44 ng/ml



#30 AR-1254-5

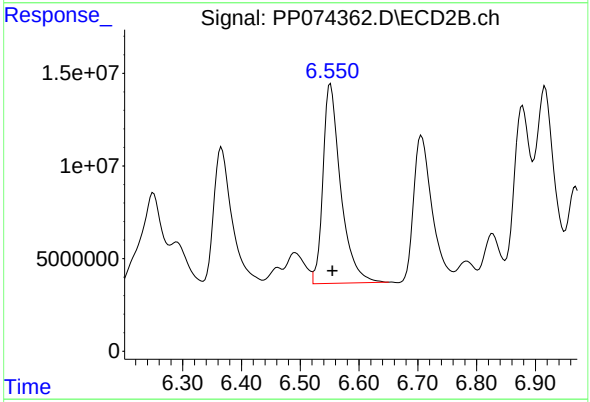
R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 174483739
Conc: 453.01 ng/ml



#31 AR-1260-1

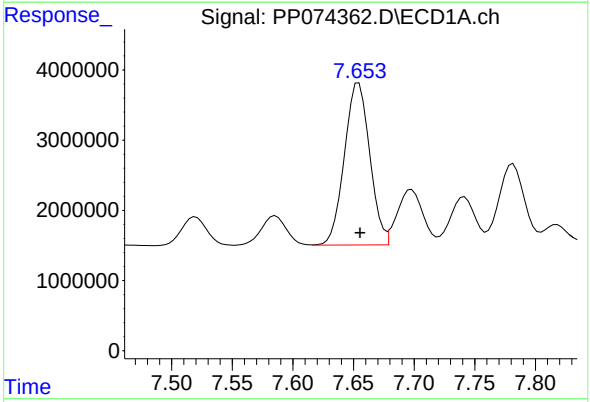
R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 28728677
Conc: 509.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



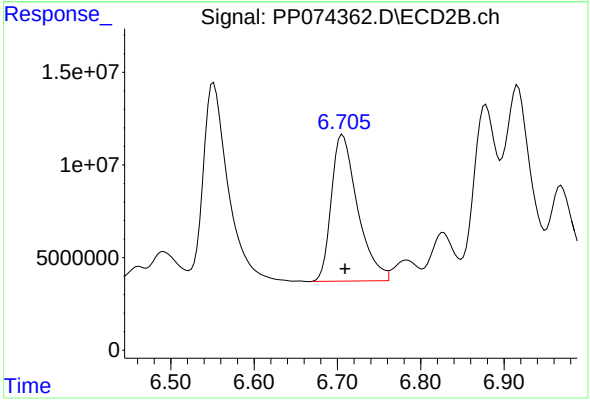
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 226269264
Conc: 560.13 ng/ml



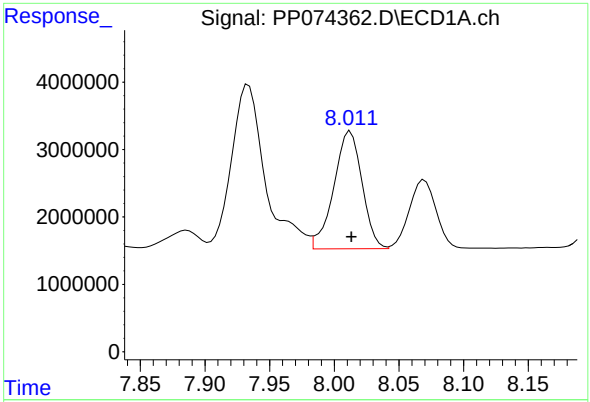
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 33613481
Conc: 493.21 ng/ml



#32 AR-1260-2

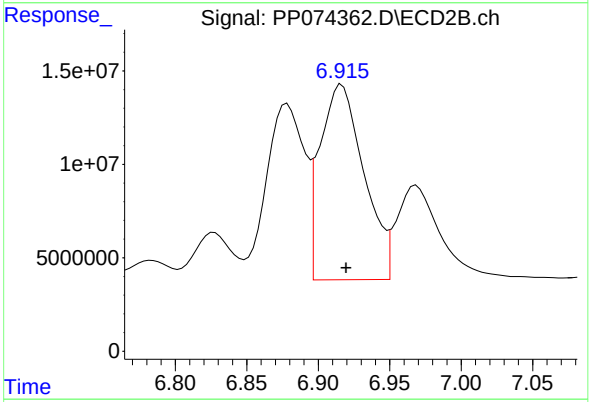
R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 172775212
Conc: 552.53 ng/ml



#33 AR-1260-3

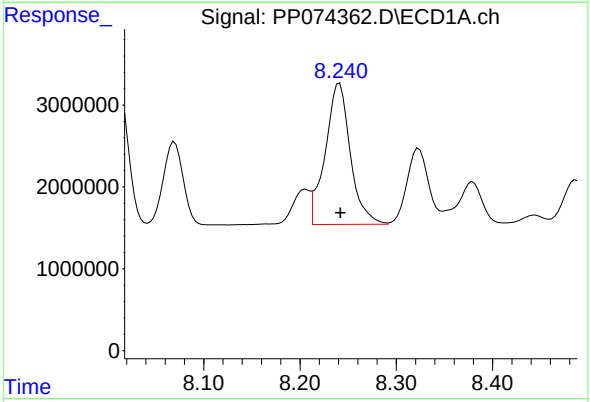
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 26525957
Conc: 497.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



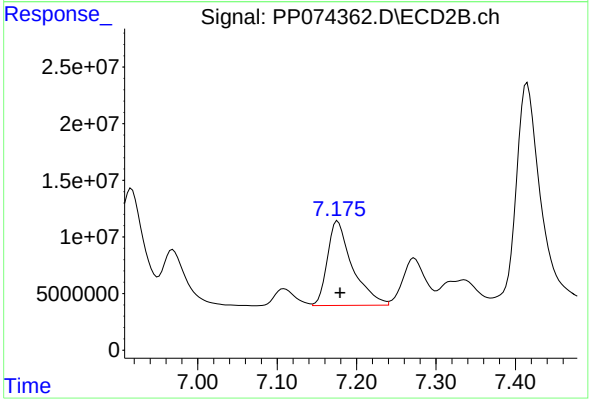
#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 223886427
Conc: 568.07 ng/ml



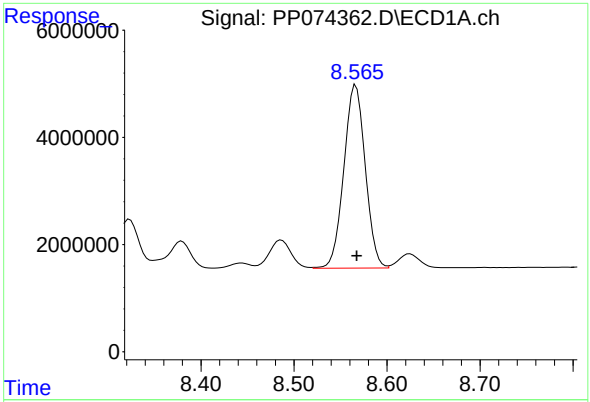
#34 AR-1260-4

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 31321316
Conc: 500.22 ng/ml



#34 AR-1260-4

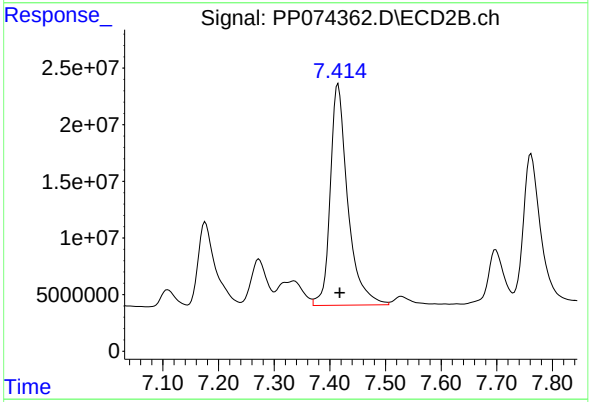
R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 162833478
Conc: 559.60 ng/ml



#35 AR-1260-5

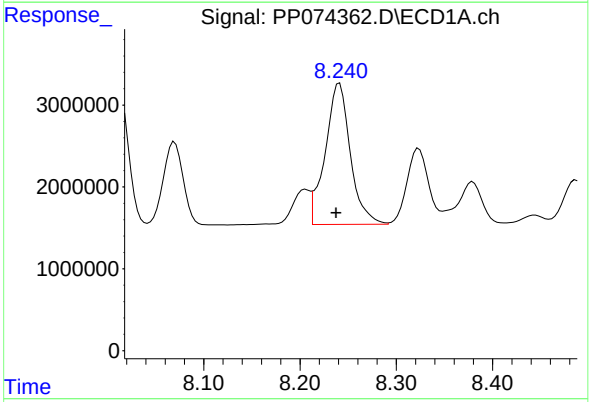
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 54671864
Conc: 482.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



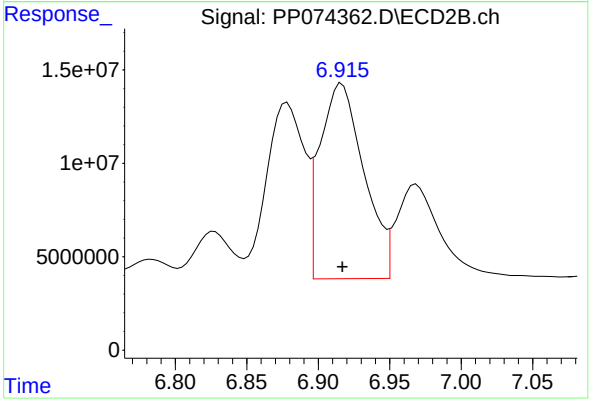
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 427452475
Conc: 564.36 ng/ml



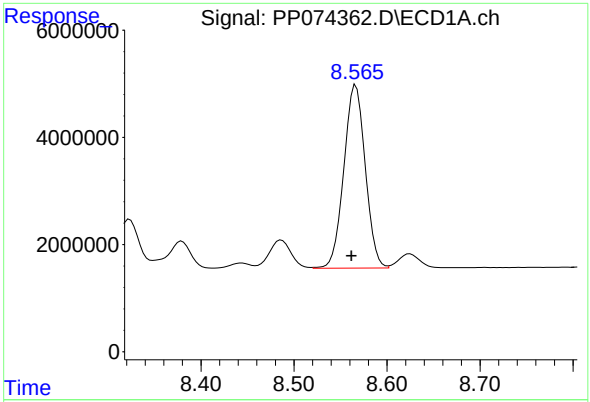
#36 AR-1262-1

R.T.: 8.241 min
Delta R.T.: 0.004 min
Response: 31321316
Conc: 413.27 ng/ml



#36 AR-1262-1

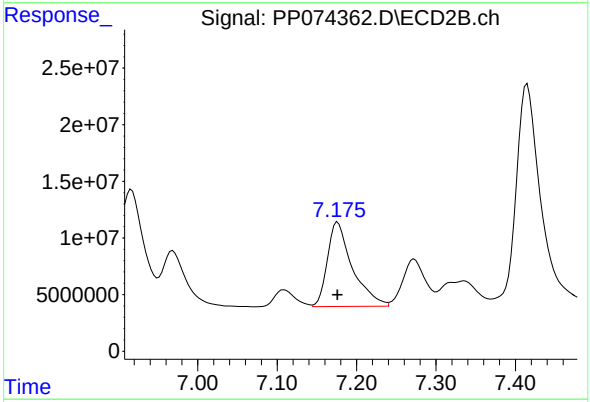
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 223886427
Conc: 397.57 ng/ml



#37 AR-1262-2

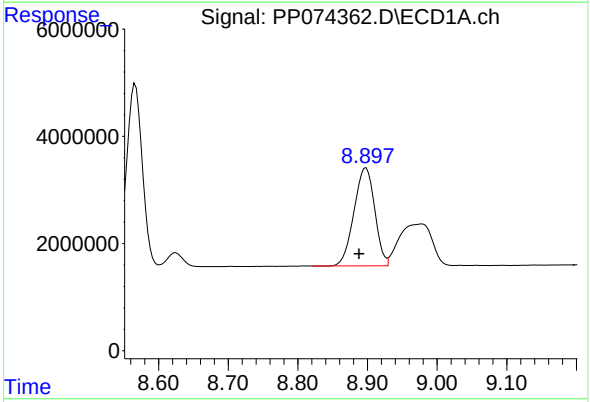
R.T.: 8.567 min
Delta R.T.: 0.005 min
Response: 54671864
Conc: 419.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



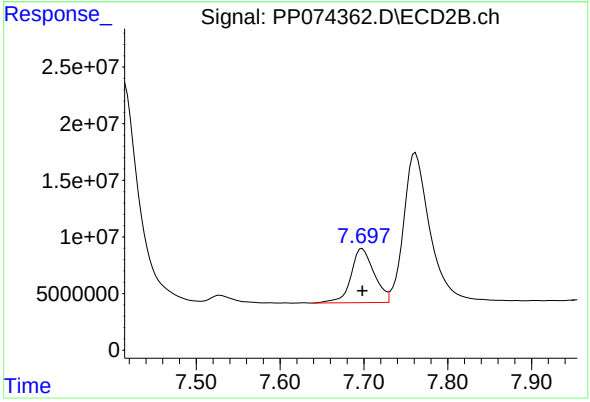
#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 162833478
Conc: 406.04 ng/ml



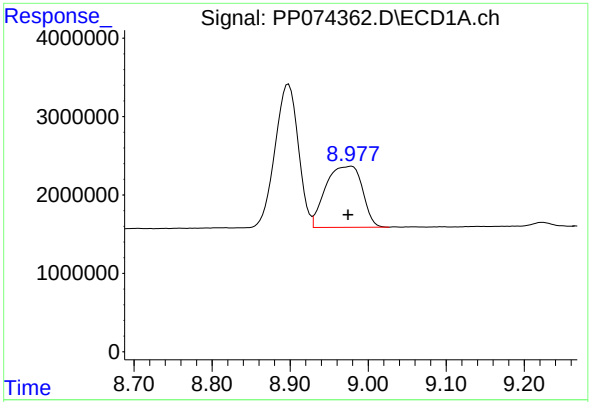
#38 AR-1262-3

R.T.: 8.898 min
Delta R.T.: 0.010 min
Response: 37819272
Conc: 402.03 ng/ml



#38 AR-1262-3

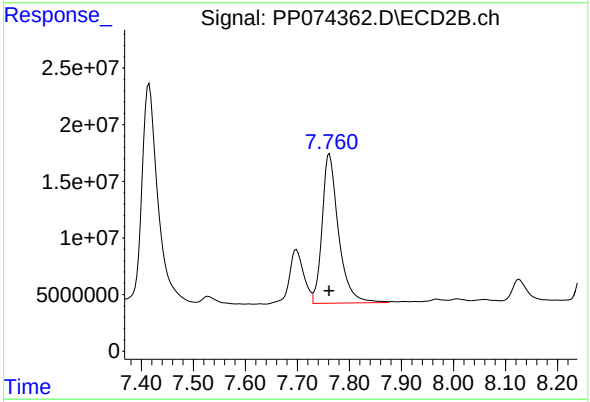
R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 91826811
Conc: 255.45 ng/ml



#39 AR-1262-4

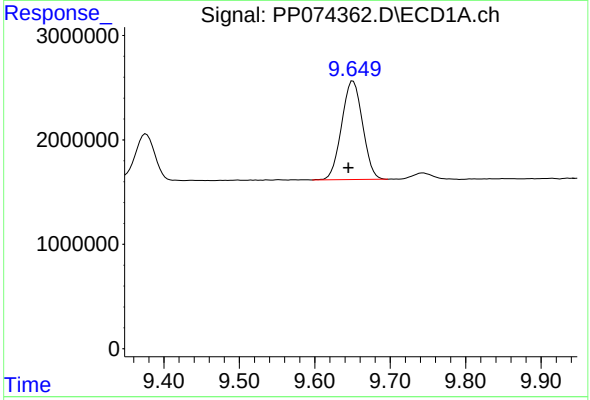
R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 25399770
Conc: 348.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



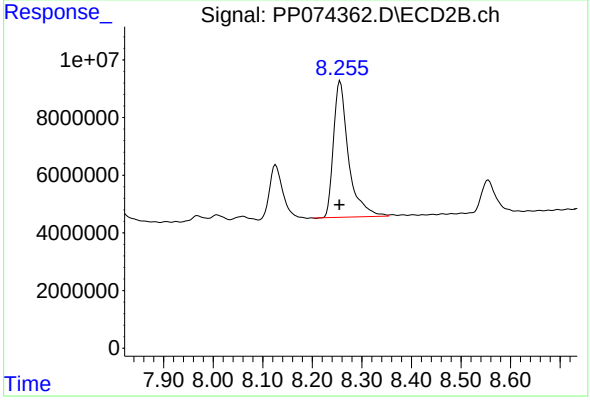
#39 AR-1262-4

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 289002864
Conc: 433.34 ng/ml



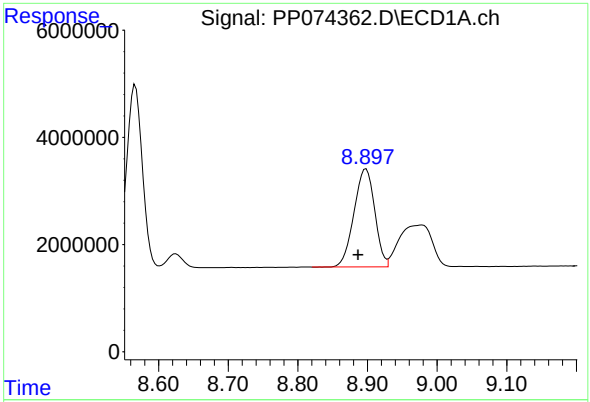
#40 AR-1262-5

R.T.: 9.651 min
Delta R.T.: 0.006 min
Response: 18215646
Conc: 357.71 ng/ml



#40 AR-1262-5

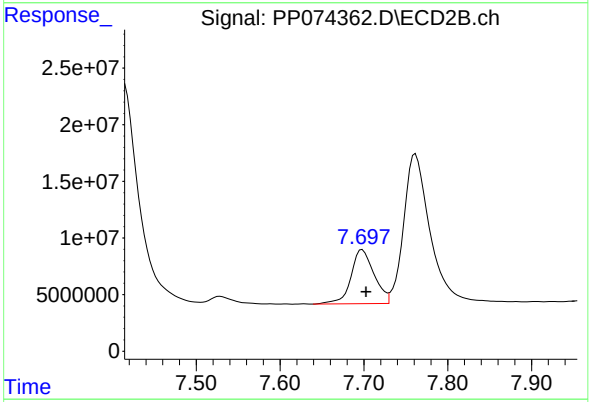
R.T.: 8.256 min
Delta R.T.: 0.001 min
Response: 99290485
Conc: 350.52 ng/ml



#41 AR-1268-1

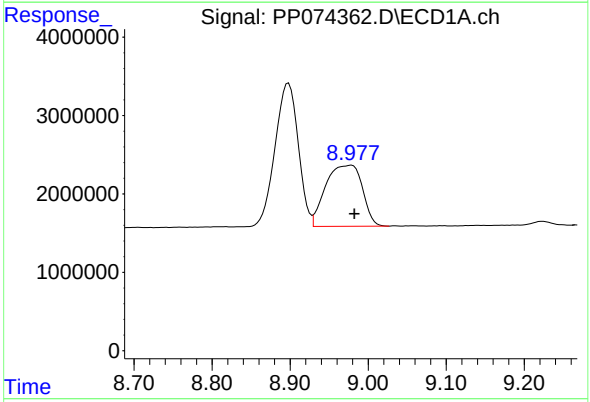
R.T.: 8.898 min
Delta R.T.: 0.012 min
Response: 37819272
Conc: 243.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



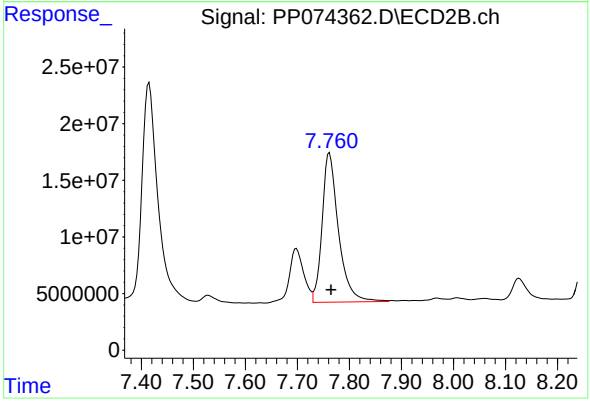
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: -0.004 min
Response: 91826811
Conc: 84.22 ng/ml



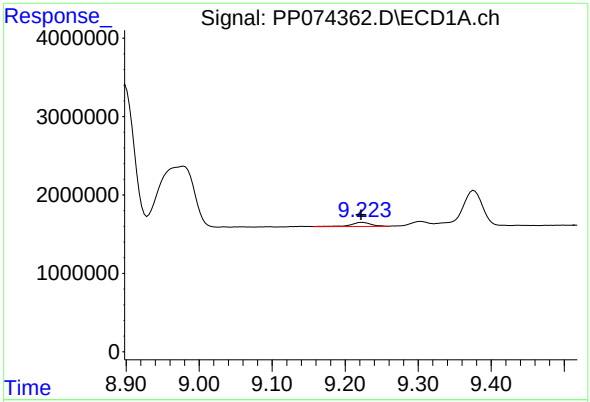
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: -0.004 min
Response: 25399770
Conc: 177.09 ng/ml



#42 AR-1268-2

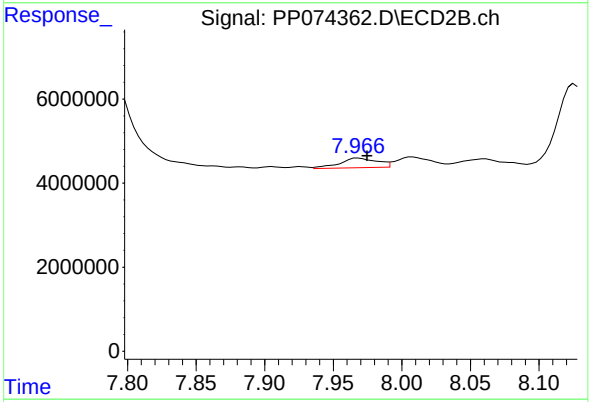
R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 289002864
Conc: 272.30 ng/ml



#43 AR-1268-3

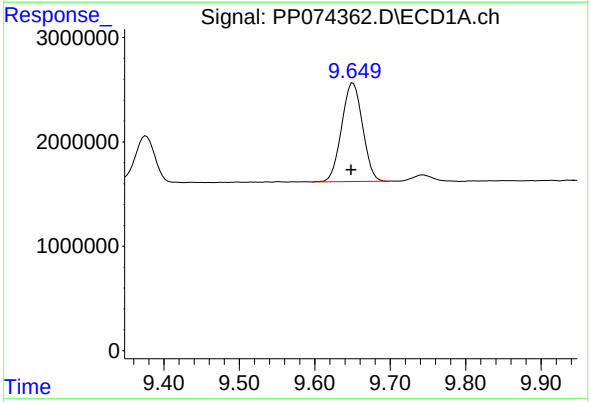
R.T.: 9.224 min
Delta R.T.: 0.002 min
Response: 1045784
Conc: 8.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



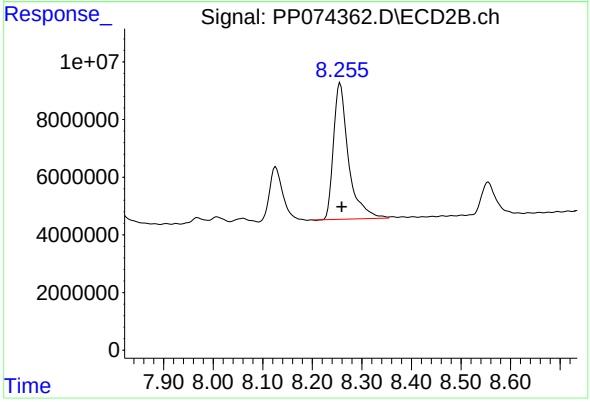
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: -0.007 min
Response: 4421614
Conc: 5.31 ng/ml



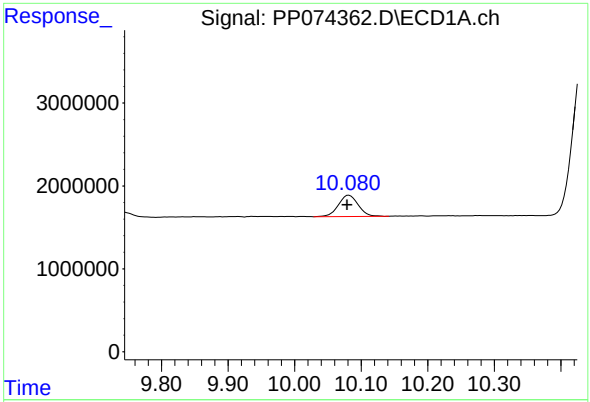
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.003 min
Response: 18215646
Conc: 309.72 ng/ml



#44 AR-1268-4

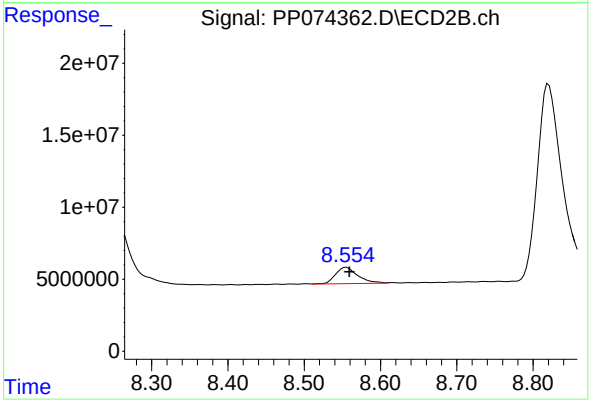
R.T.: 8.256 min
Delta R.T.: -0.003 min
Response: 99290485
Conc: 322.31 ng/ml



#45 AR-1268-5

R.T.: 10.082 min
Delta R.T.: 0.003 min
Response: 5325426
Conc: 15.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.555 min
Delta R.T.: -0.004 min
Response: 23094147
Conc: 9.06 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:49
Operator : YP\AJ
Sample : PB169224BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 08:28:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.658	3.801	27213741	81242135	24.335	21.188	
2)	SA Decachlor...	10.440	8.819	21649761	126.8E6	22.293	21.088	
	Target Compounds							
3)	L1 AR-1016-1	5.810	4.901	20611615	204.8E6	499.593	513.364	
4)	L1 AR-1016-2	5.831	4.958	31108999	95531194	512.152	508.661	
5)	L1 AR-1016-3	5.894	5.078	20281873	54352372	511.387	512.422	
6)	L1 AR-1016-4	5.991	5.119	16739490	53847667	514.357	493.020	
7)	L1 AR-1016-5	6.284	5.333	15927037	57143822	490.545	488.562	
8)	L2 AR-1221-1	4.854	4.008	2464727	5689569	147.028	115.912	
9)	L2 AR-1221-2	4.943	4.096	3045058	7360634	241.651	205.093	
10)	L2 AR-1221-3	5.019	4.174	12075929	39100097	329.626	289.149	
11)	L3 AR-1232-1	5.019	4.174	12075929	39100097	415.876	385.745	
12)	L3 AR-1232-2	5.545	4.901	15977136	204.8E6	1062.118	1175.067	
13)	L3 AR-1232-3	5.831	5.078	31108999	54352372	1072.661	1186.303	
14)	L3 AR-1232-4	5.991	5.161	16739490	96724948	1082.144	1667.364	#
15)	L3 AR-1232-5	6.081	5.333	14571399	57143822	1243.717	1216.358	
16)	L4 AR-1242-1	5.810	4.901	20611615	204.8E6	553.097	593.307	
17)	L4 AR-1242-2	5.831	4.958	31108999	95531194	571.763	584.726	
18)	L4 AR-1242-3	5.894	5.078	20281873	54352372	567.550	589.195	
19)	L4 AR-1242-4	5.991	5.161	16739490	96724948	572.904	809.945	#
20)	L4 AR-1242-5	6.722	5.684	3555899	73278165	100.003	489.958	#
21)	L5 AR-1248-1	5.810	4.901	20611615	204.8E6	735.747	957.195	#
22)	L5 AR-1248-2	6.081	5.119	14571399	53847667	361.923	368.032	
23)	L5 AR-1248-3	6.284	5.161	15927037	96724948	357.320	564.125	#
24)	L5 AR-1248-4	6.659	5.333	15748852	57143822	302.646	343.467	
25)	L5 AR-1248-5	6.722	5.684f	3555899	73278165	62.446	251.844	#
26)	L6 AR-1254-1	6.659	5.684	15748852	73278165	299.174	200.114	#
27)	L6 AR-1254-2	6.874	5.831	13615690	62453841	171.257	224.479	#
28)	L6 AR-1254-3	7.236	6.248	8873985	121.9E6	101.630	249.076	#
29)	L6 AR-1254-4	7.519	6.461	5086952	8970485	79.721	24.405	#
30)	L6 AR-1254-5	7.934	6.877	45142820	180.8E6	556.325	469.494	
31)	L7 AR-1260-1	7.402	6.550	28325145	213.7E6	502.610	529.131	
32)	L7 AR-1260-2	7.655	6.705	32549023	161.4E6	477.592	516.261	
33)	L7 AR-1260-3	8.013	6.914	22008267	179.1E6	412.945	454.525	
34)	L7 AR-1260-4	8.241	7.175	31621174	133.6E6	505.010	459.138	
35)	L7 AR-1260-5	8.567	7.414	46932823	349.0E6	414.217	460.731	
36)	L8 AR-1262-1	8.241	6.914	31621174	179.1E6	417.223	318.102	
37)	L8 AR-1262-2	8.567	7.175	46932823	133.6E6	359.831	333.147	
38)	L8 AR-1262-3	8.899	7.697	32525659	66325694	345.757	184.510	#
39)	L8 AR-1262-4	8.962	7.759	19212120	229.7E6	263.715	344.466	#
40)	L8 AR-1262-5	9.652	8.254	13209008	68669927	259.394	242.420	
41)	L9 AR-1268-1	8.899	7.697	32525659	66325694	208.990	60.834	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:49
Operator : YP\AJ
Sample : PB169224BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 08:28:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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	8.962	7.759	19212120	229.7E6	133.952	216.458 #
43) L9	AR-1268-3	9.223	7.967	1093319	4679303	9.151	5.625 #
44) L9	AR-1268-4	9.652	8.254	13209008	68669927	224.595	222.911
45) L9	AR-1268-5	10.084	8.555	4307329	19825374	12.247	7.774 #

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

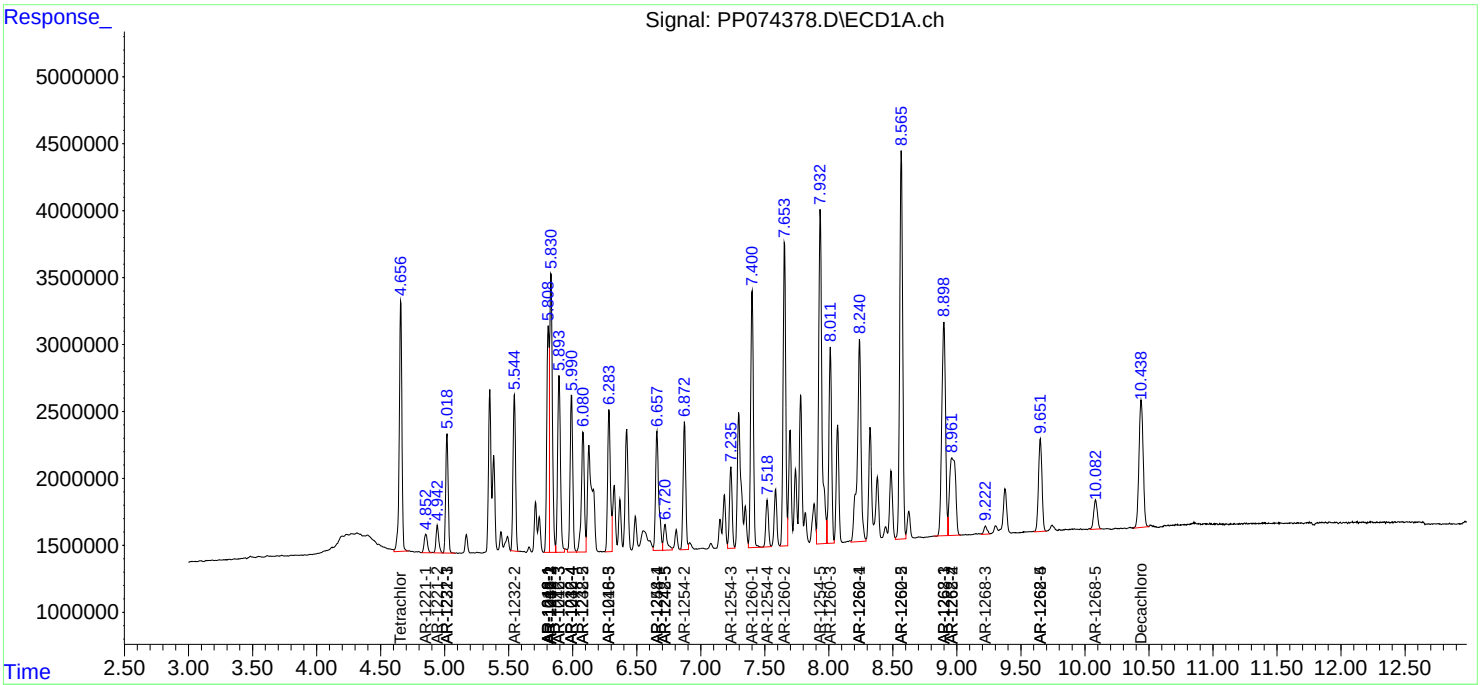
Quantitation Report (Not Reviewed)

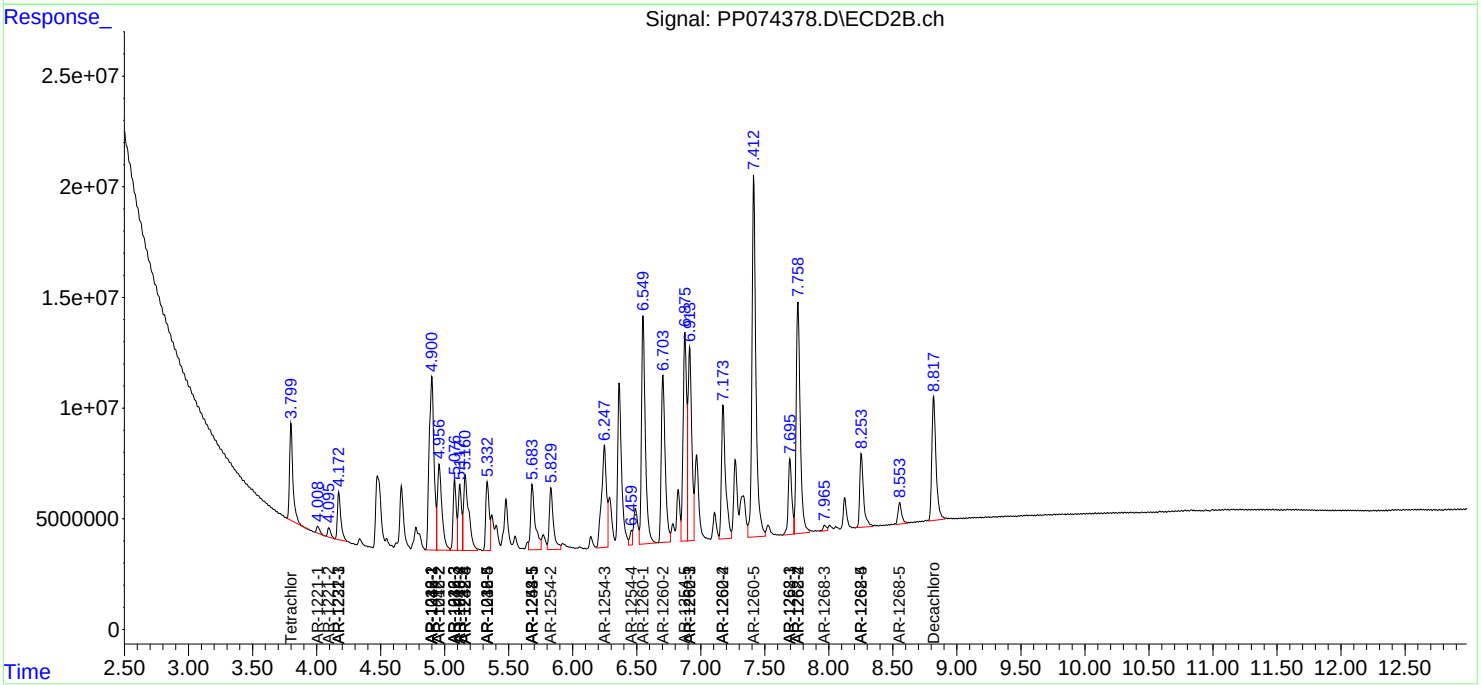
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 09:49
Operator : YP\AJ
Sample : PB169224BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

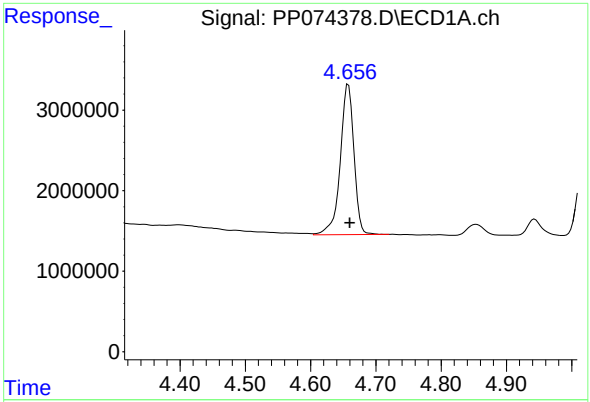
Instrument :
ECD_P
ClientSampleId :
PB169224BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 08:28:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



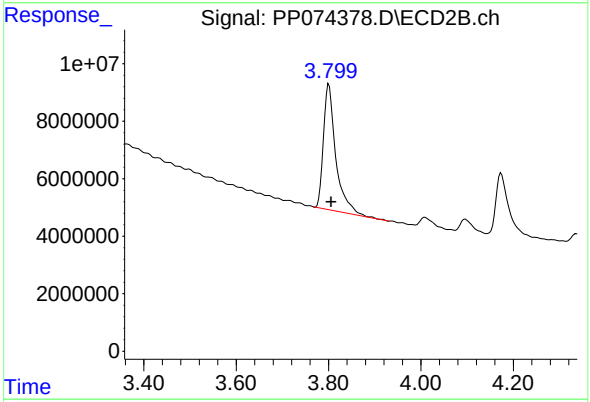




#1 Tetrachloro-m-xylene

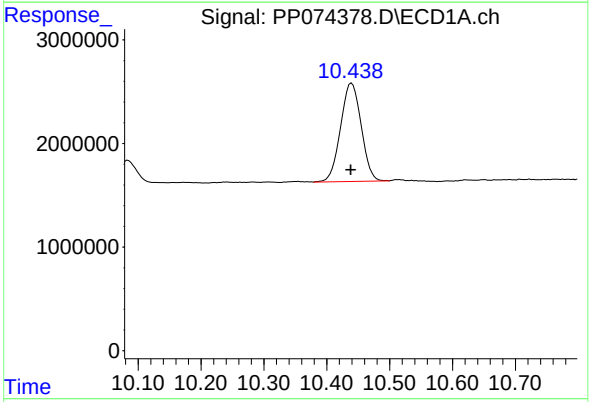
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 27213741
Conc: 24.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



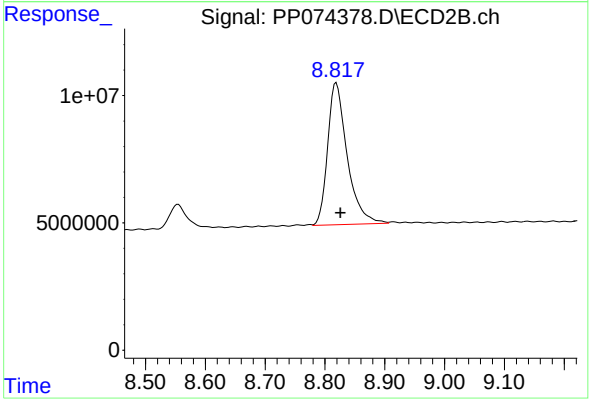
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 81242135
Conc: 21.19 ng/ml



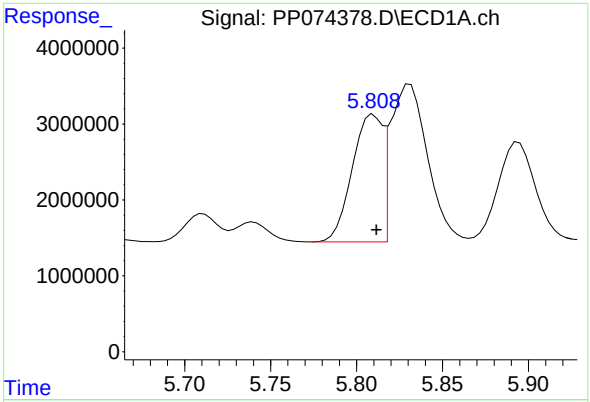
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.002 min
Response: 21649761
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

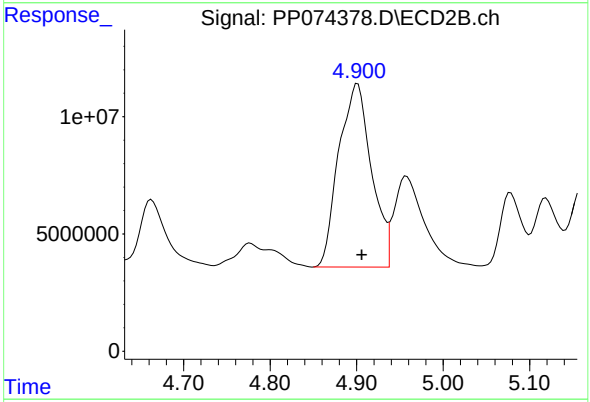
R.T.: 8.819 min
Delta R.T.: -0.007 min
Response: 126814166
Conc: 21.09 ng/ml



#3 AR-1016-1

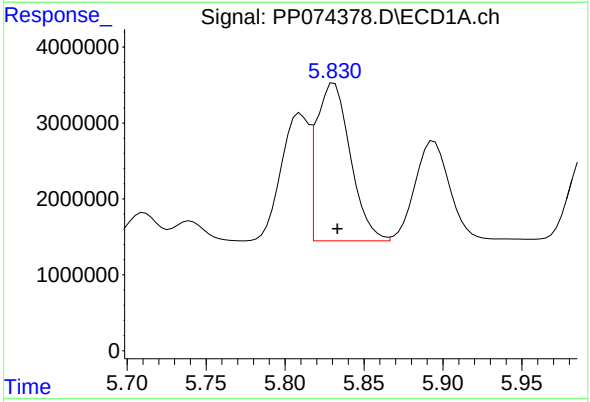
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 20611615
Conc: 499.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



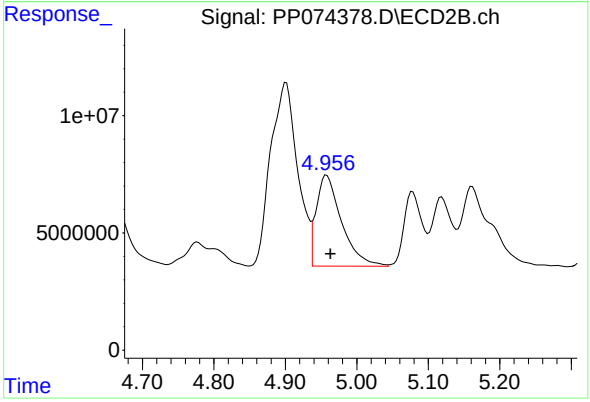
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.005 min
Response: 204774427
Conc: 513.36 ng/ml



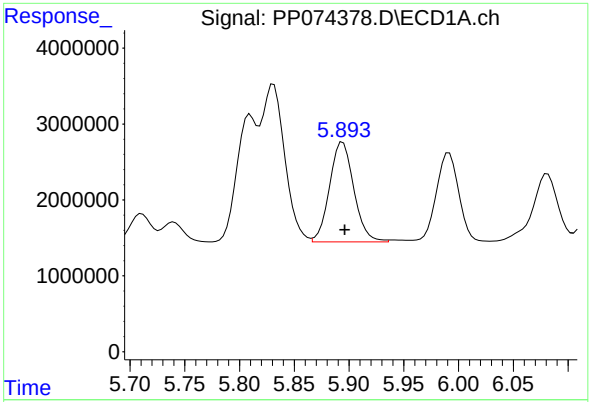
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 31108999
Conc: 512.15 ng/ml



#4 AR-1016-2

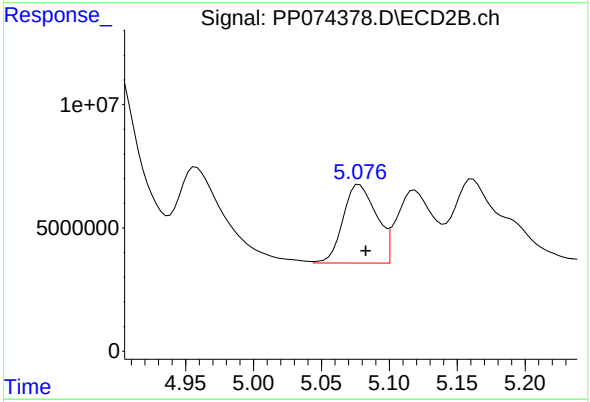
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 95531194
Conc: 508.66 ng/ml



#5 AR-1016-3

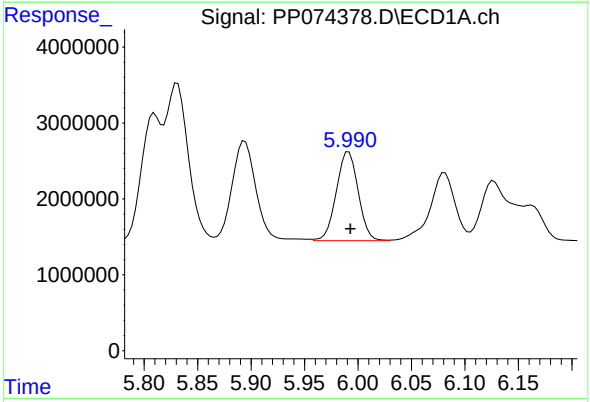
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 20281873
Conc: 511.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



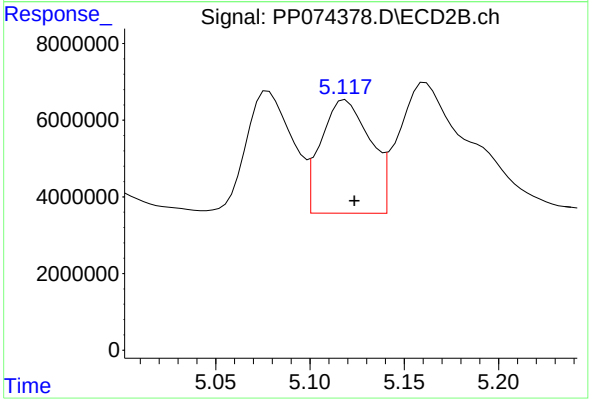
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 54352372
Conc: 512.42 ng/ml



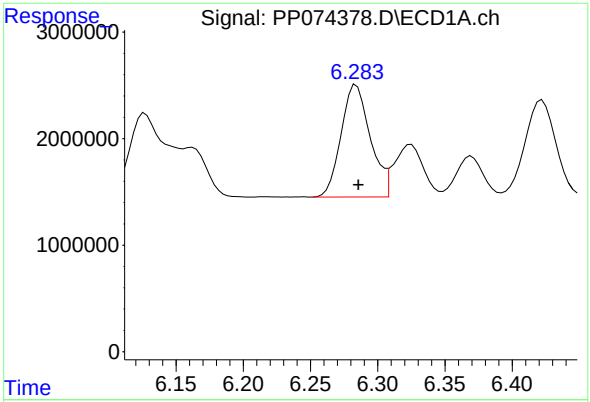
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 16739490
Conc: 514.36 ng/ml



#6 AR-1016-4

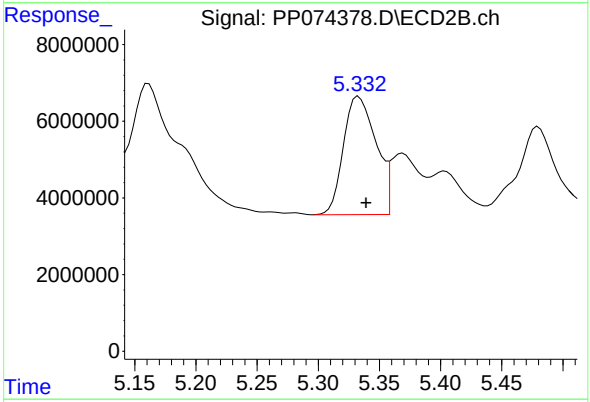
R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 53847667
Conc: 493.02 ng/ml



#7 AR-1016-5

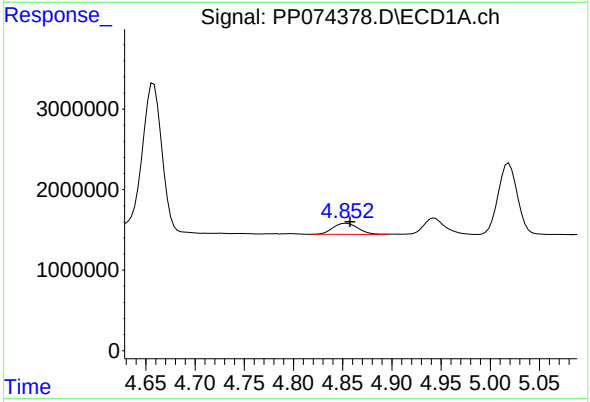
R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 15927037
Conc: 490.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



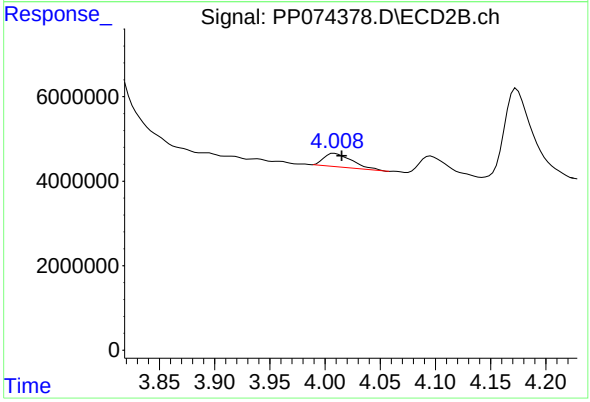
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 57143822
Conc: 488.56 ng/ml



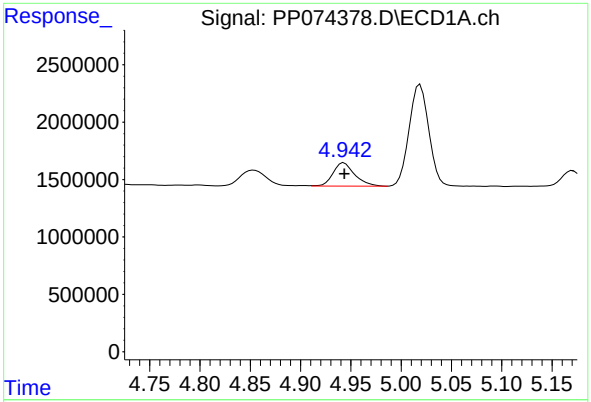
#8 AR-1221-1

R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 2464727
Conc: 147.03 ng/ml



#8 AR-1221-1

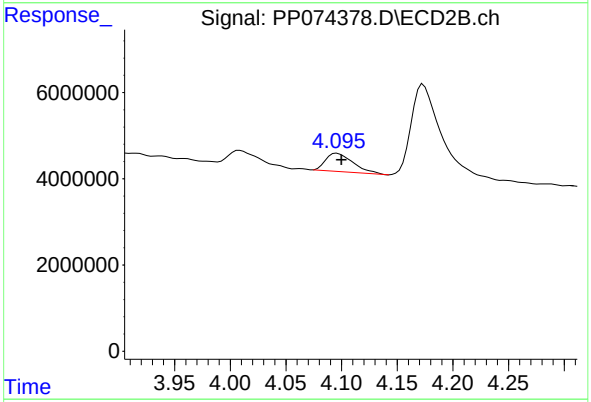
R.T.: 4.008 min
Delta R.T.: -0.007 min
Response: 5689569
Conc: 115.91 ng/ml



#9 AR-1221-2

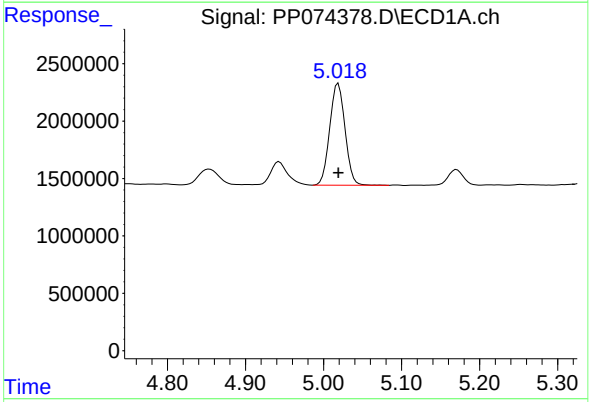
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 3045058
Conc: 241.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



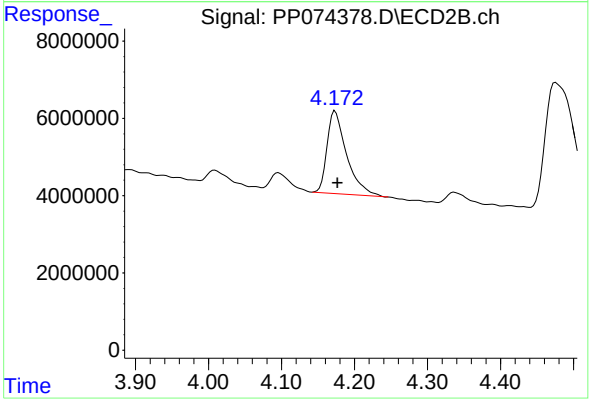
#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 7360634
Conc: 205.09 ng/ml



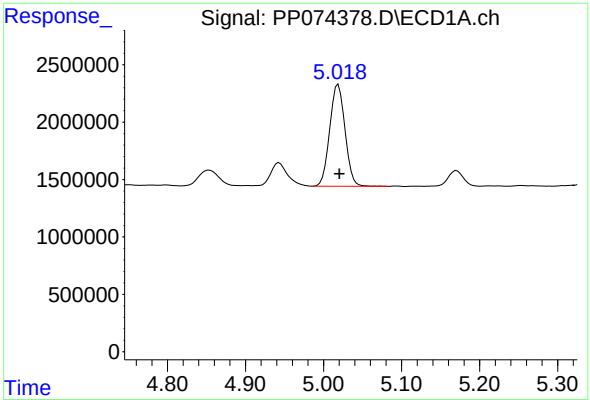
#10 AR-1221-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 12075929
Conc: 329.63 ng/ml



#10 AR-1221-3

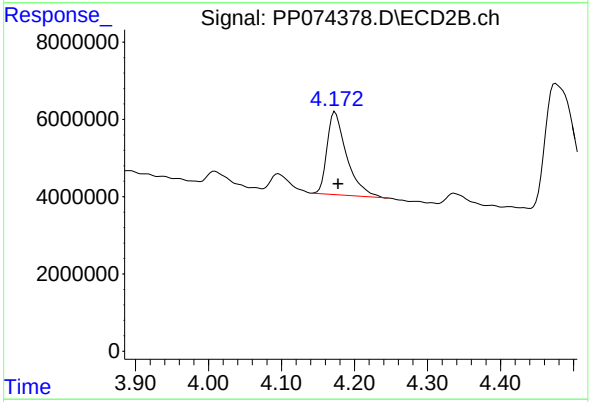
R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 39100097
Conc: 289.15 ng/ml



#11 AR-1232-1

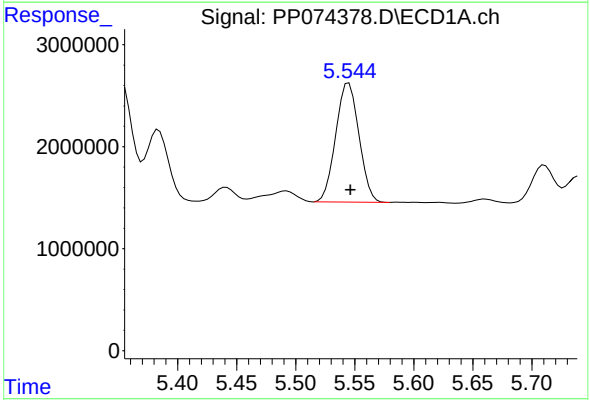
R.T.: 5.019 min
Delta R.T.: -0.002 min
Response: 12075929
Conc: 415.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



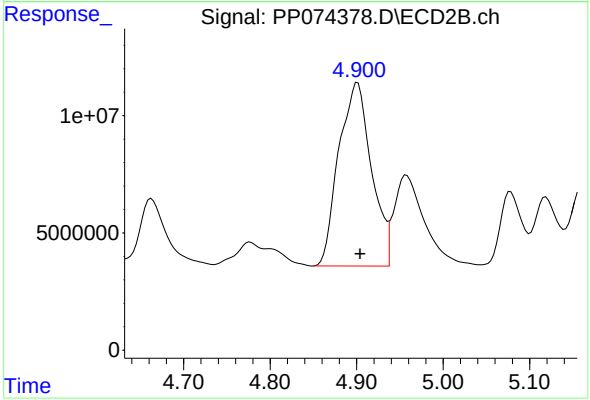
#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: -0.004 min
Response: 39100097
Conc: 385.75 ng/ml



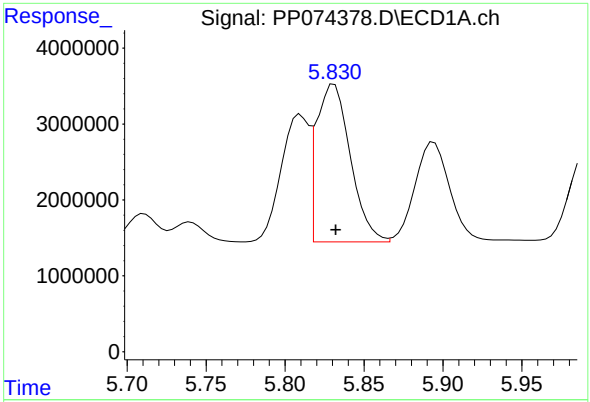
#12 AR-1232-2

R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 15977136
Conc: 1062.12 ng/ml



#12 AR-1232-2

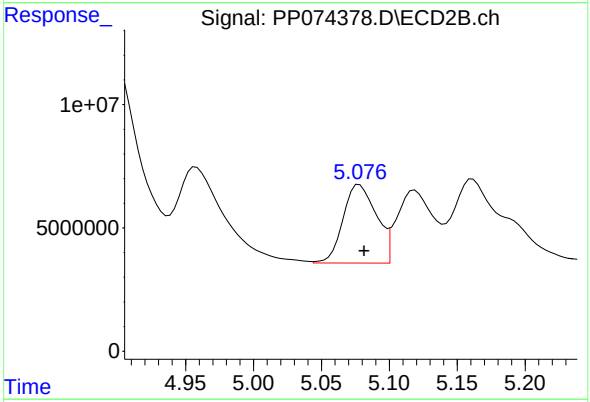
R.T.: 4.901 min
Delta R.T.: -0.003 min
Response: 204774427
Conc: 1175.07 ng/ml



#13 AR-1232-3

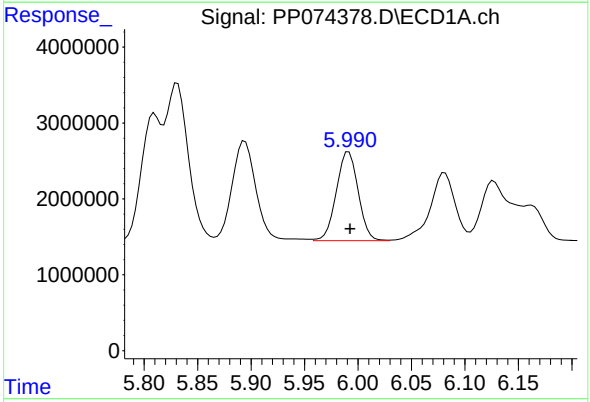
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 31108999
Conc: 1072.66 ng/m

Instrument :
ECD_P
ClientSampleId :
PB169224BS



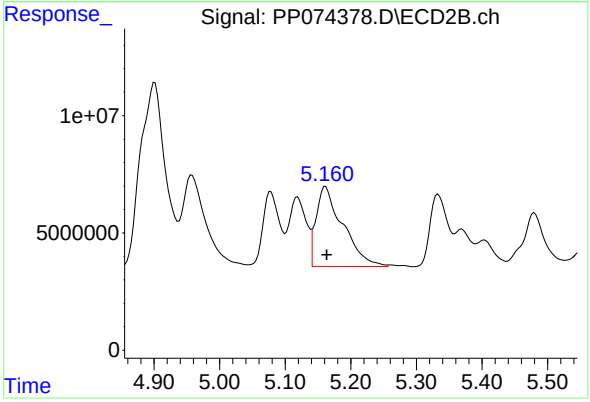
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 54352372
Conc: 1186.30 ng/ml



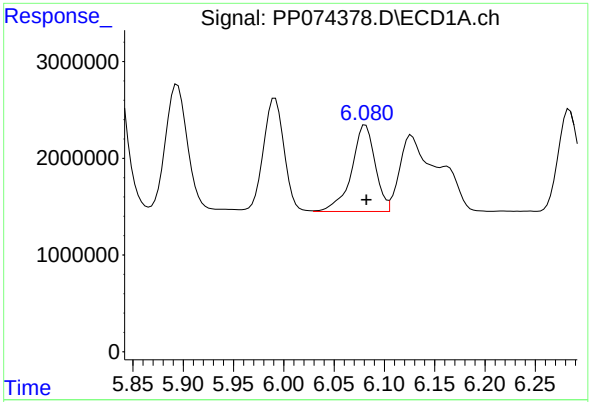
#14 AR-1232-4

R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 16739490
Conc: 1082.14 ng/ml



#14 AR-1232-4

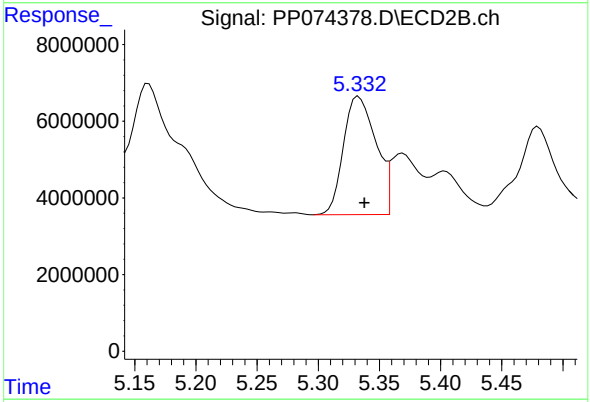
R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 96724948
Conc: 1667.36 ng/ml



#15 AR-1232-5

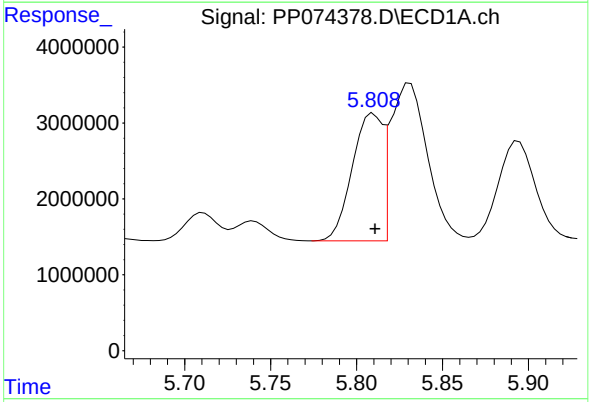
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 14571399
Conc: 1243.72 ng/m

Instrument :
ECD_P
ClientSampleId :
PB169224BS



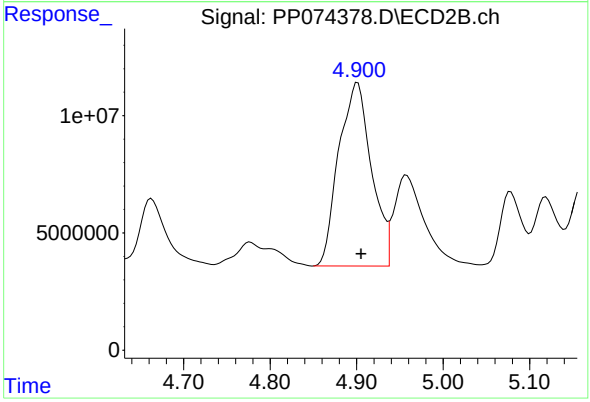
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 57143822
Conc: 1216.36 ng/ml



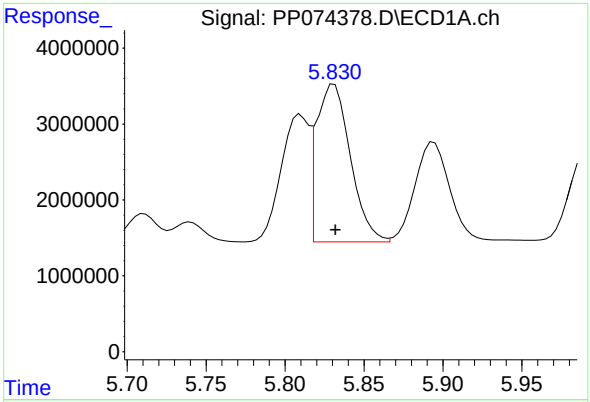
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 20611615
Conc: 553.10 ng/ml



#16 AR-1242-1

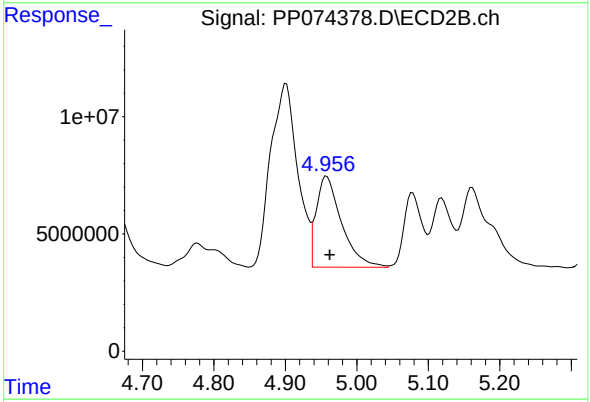
R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 204774427
Conc: 593.31 ng/ml



#17 AR-1242-2

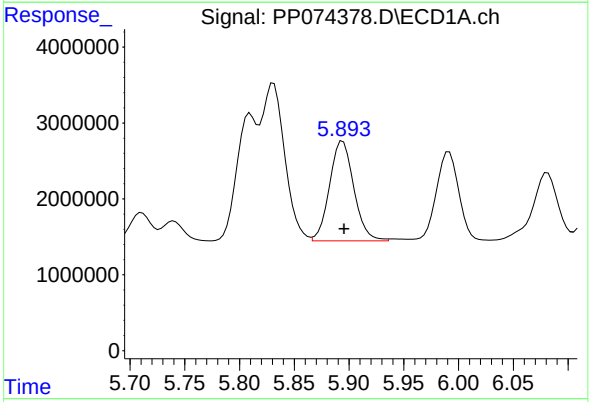
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 31108999
Conc: 571.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



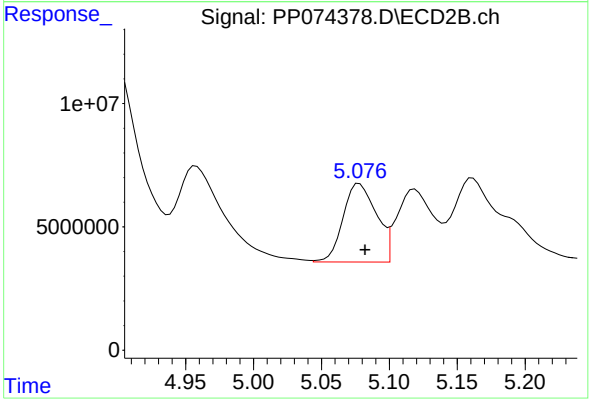
#17 AR-1242-2

R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 95531194
Conc: 584.73 ng/ml



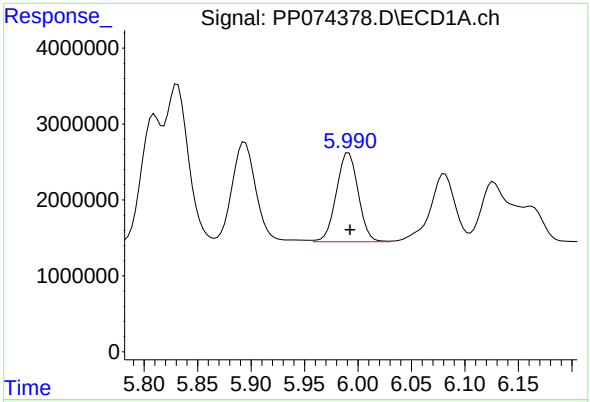
#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 20281873
Conc: 567.55 ng/ml



#18 AR-1242-3

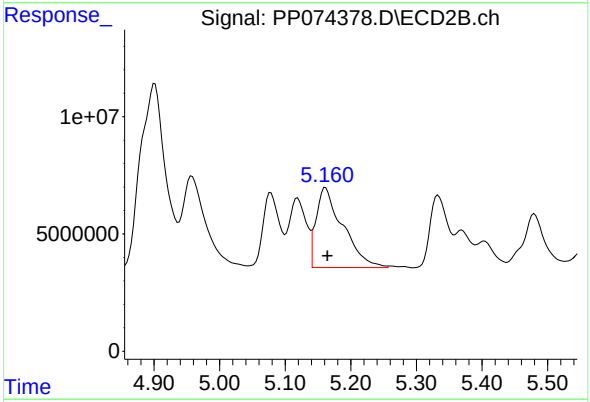
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 54352372
Conc: 589.20 ng/ml



#19 AR-1242-4

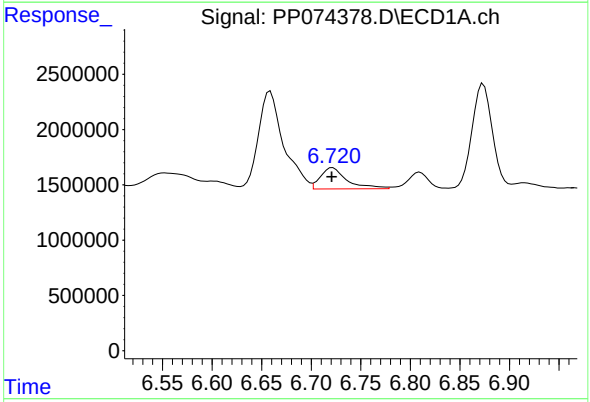
R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 16739490
Conc: 572.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



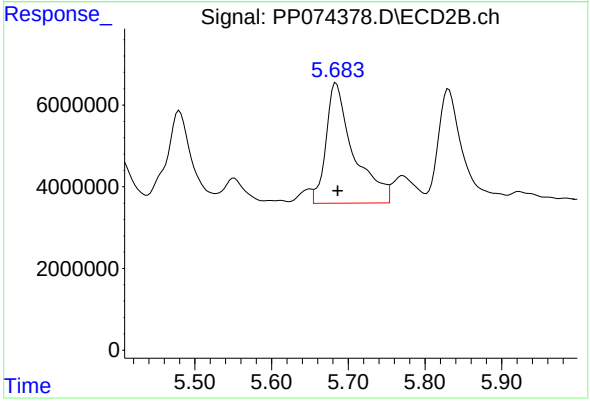
#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 96724948
Conc: 809.95 ng/ml



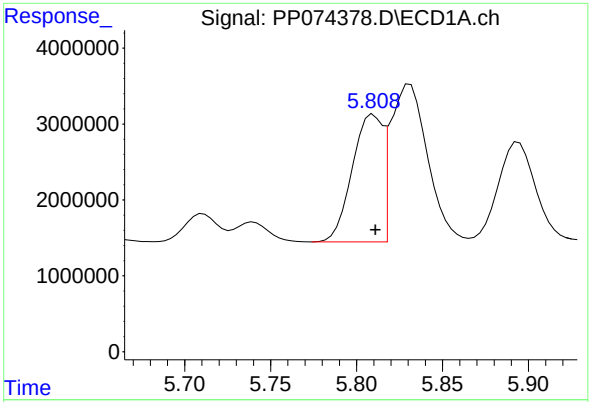
#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 3555899
Conc: 100.00 ng/ml



#20 AR-1242-5

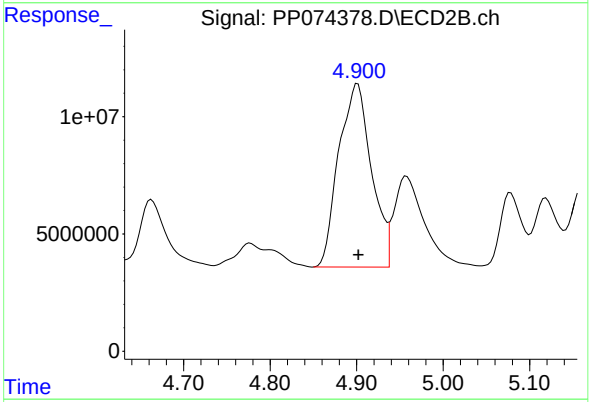
R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 73278165
Conc: 489.96 ng/ml



#21 AR-1248-1

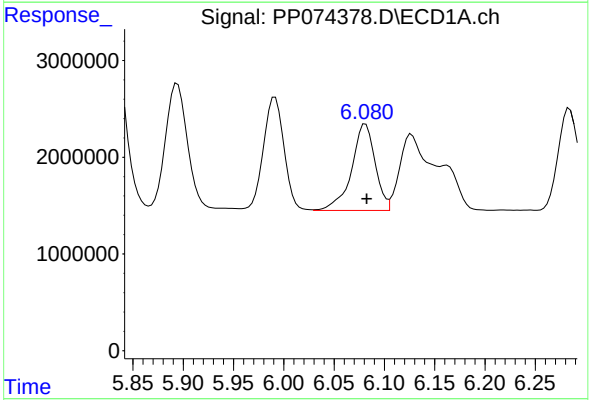
R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 20611615
Conc: 735.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



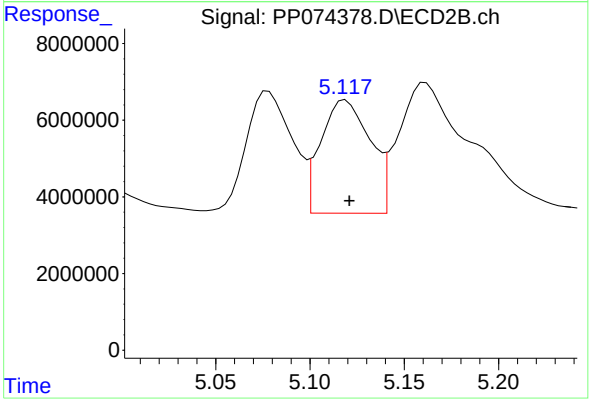
#21 AR-1248-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 204774427
Conc: 957.19 ng/ml



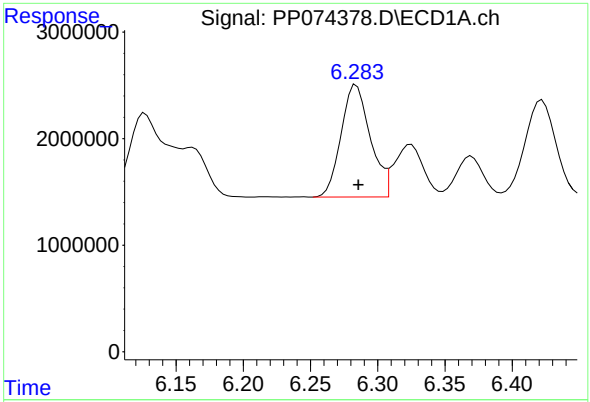
#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 14571399
Conc: 361.92 ng/ml



#22 AR-1248-2

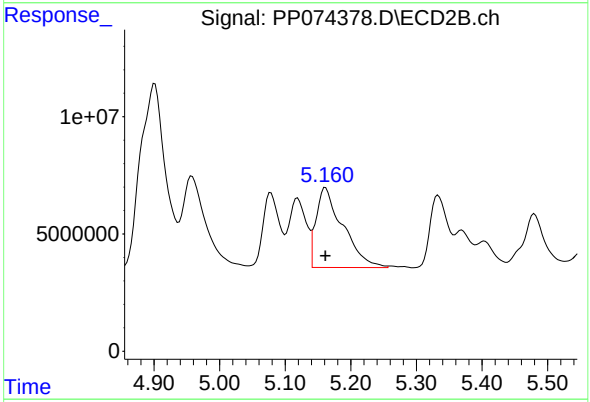
R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 53847667
Conc: 368.03 ng/ml



#23 AR-1248-3

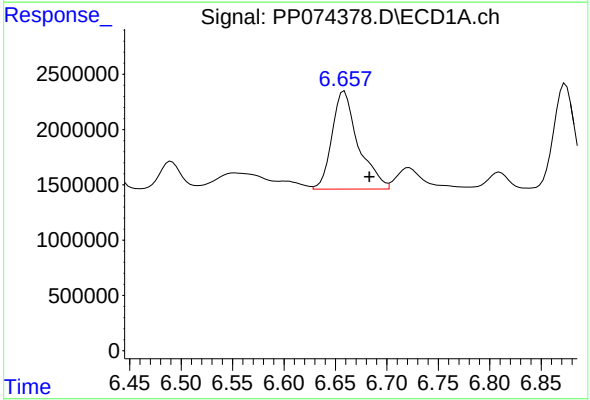
R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 15927037
Conc: 357.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



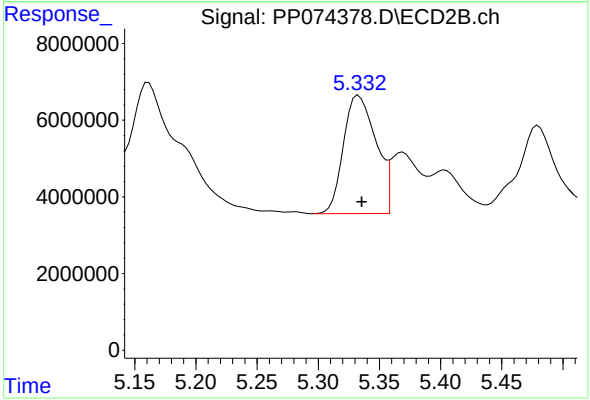
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 96724948
Conc: 564.13 ng/ml



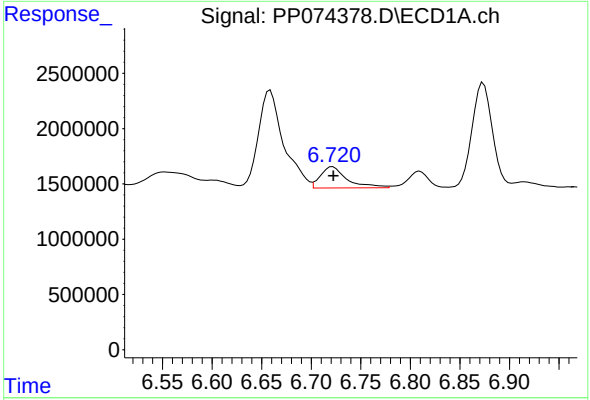
#24 AR-1248-4

R.T.: 6.659 min
Delta R.T.: -0.024 min
Response: 15748852
Conc: 302.65 ng/ml



#24 AR-1248-4

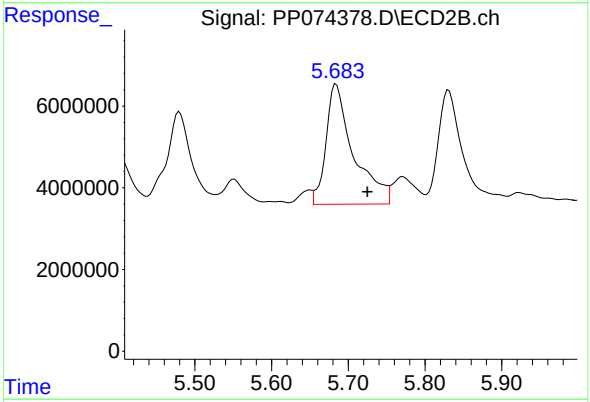
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 57143822
Conc: 343.47 ng/ml



#25 AR-1248-5

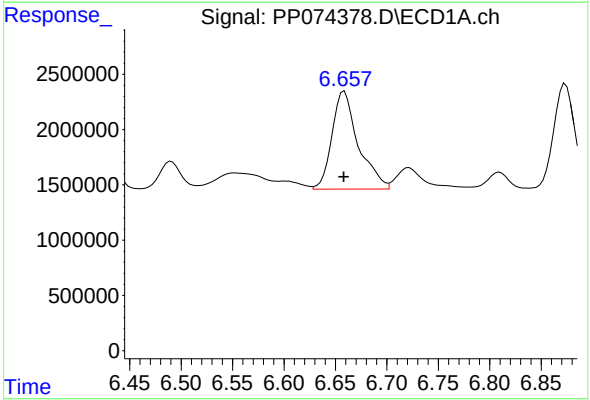
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 3555899
Conc: 62.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



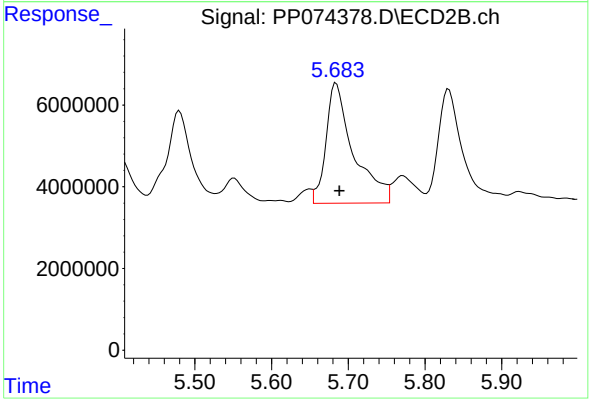
#25 AR-1248-5

R.T.: 5.684 min
Delta R.T.: -0.041 min
Response: 73278165
Conc: 251.84 ng/ml



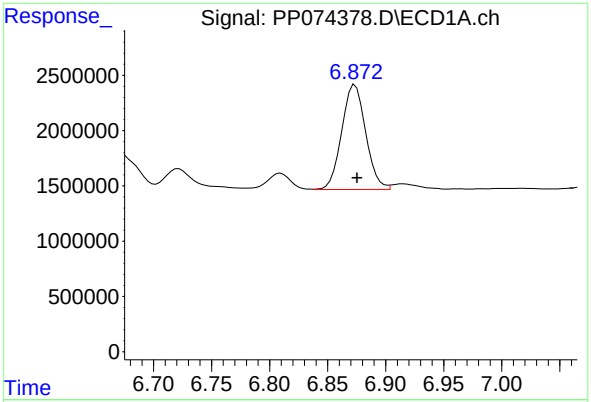
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 15748852
Conc: 299.17 ng/ml



#26 AR-1254-1

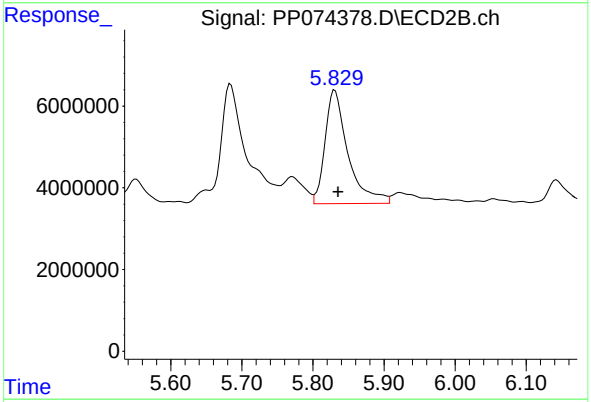
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 73278165
Conc: 200.11 ng/ml



#27 AR-1254-2

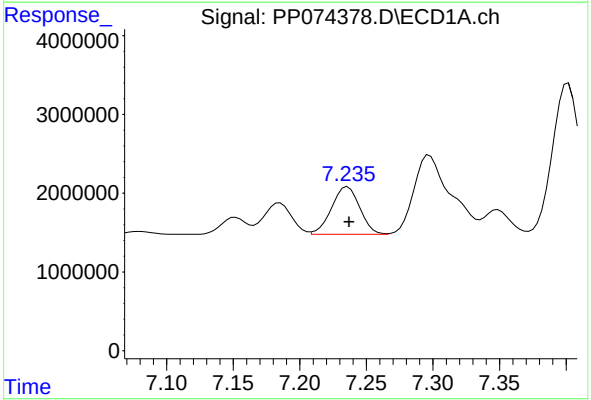
R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 13615690
Conc: 171.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



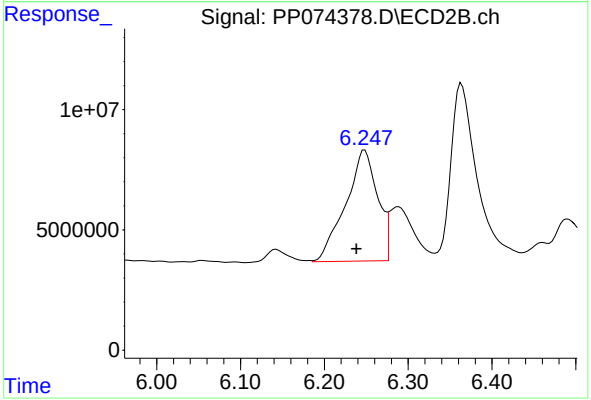
#27 AR-1254-2

R.T.: 5.831 min
Delta R.T.: -0.004 min
Response: 62453841
Conc: 224.48 ng/ml



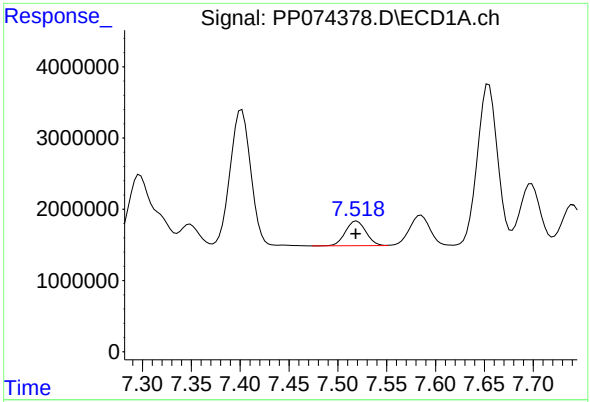
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 8873985
Conc: 101.63 ng/ml



#28 AR-1254-3

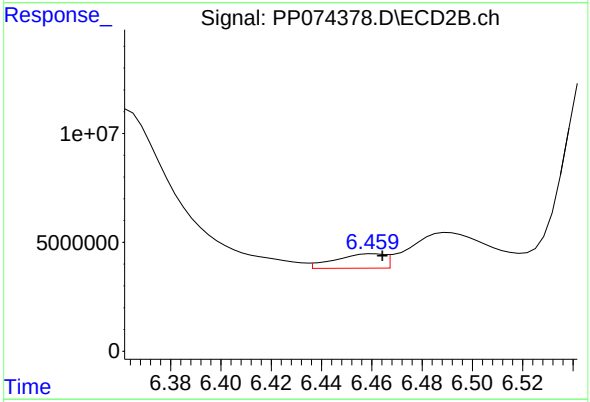
R.T.: 6.248 min
Delta R.T.: 0.010 min
Response: 121850992
Conc: 249.08 ng/ml



#29 AR-1254-4

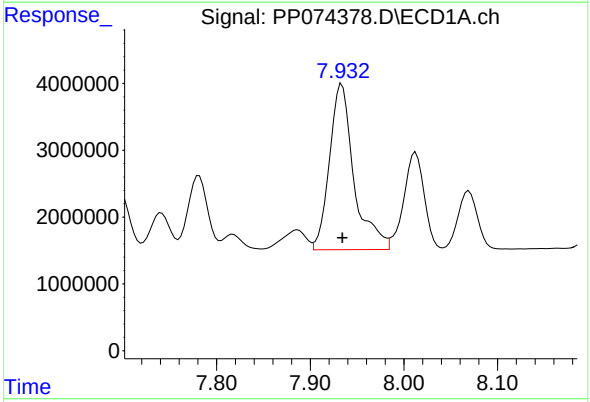
R.T.: 7.519 min
Delta R.T.: 0.001 min
Response: 5086952
Conc: 79.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



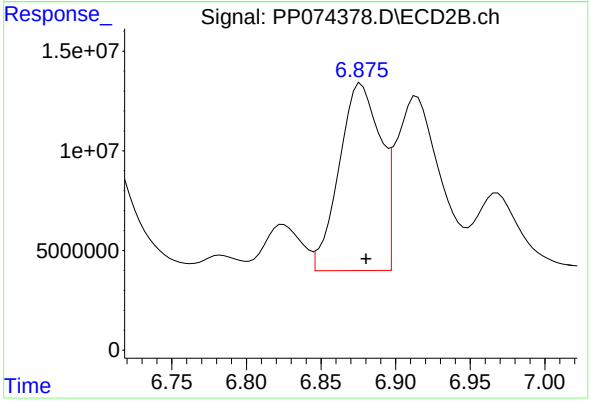
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.004 min
Response: 8970485
Conc: 24.41 ng/ml



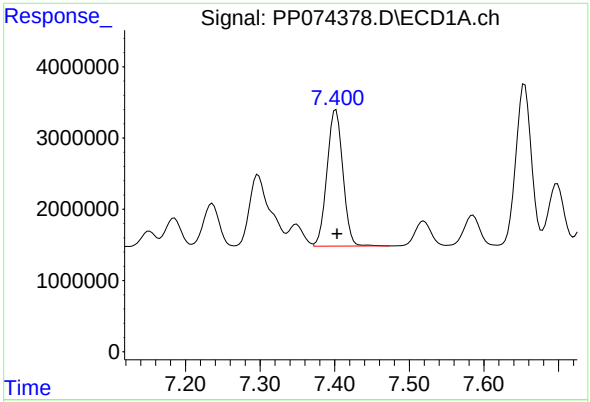
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 45142820
Conc: 556.32 ng/ml



#30 AR-1254-5

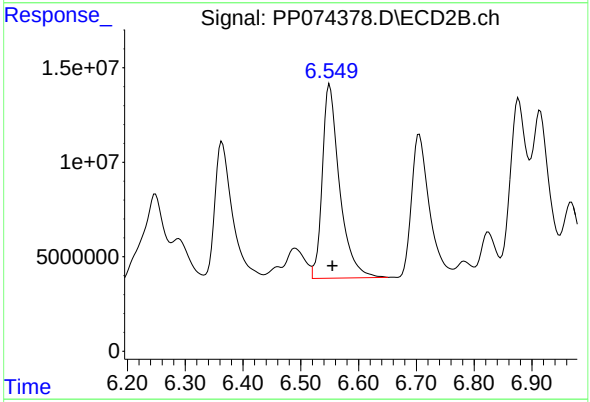
R.T.: 6.877 min
Delta R.T.: -0.003 min
Response: 180833533
Conc: 469.49 ng/ml



#31 AR-1260-1

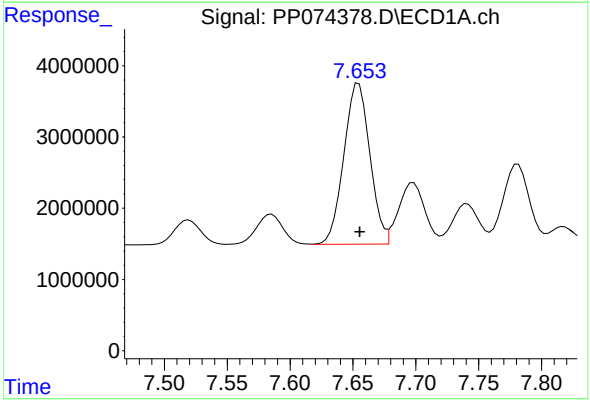
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 28325145
Conc: 502.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



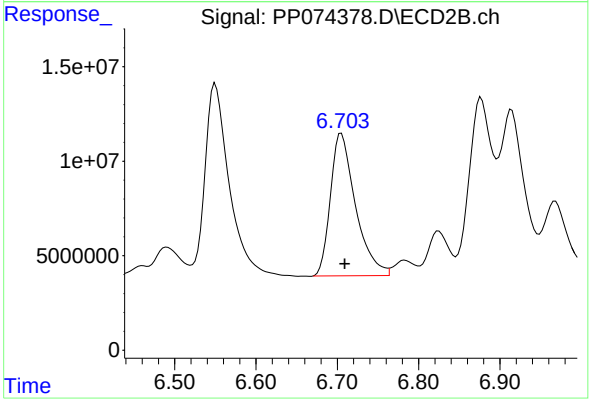
#31 AR-1260-1

R.T.: 6.550 min
Delta R.T.: -0.005 min
Response: 213746351
Conc: 529.13 ng/ml



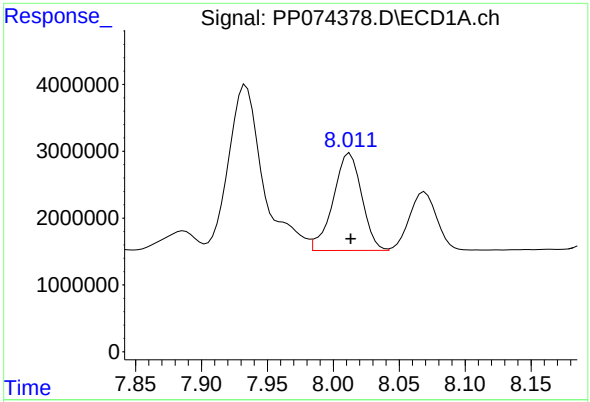
#32 AR-1260-2

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 32549023
Conc: 477.59 ng/ml



#32 AR-1260-2

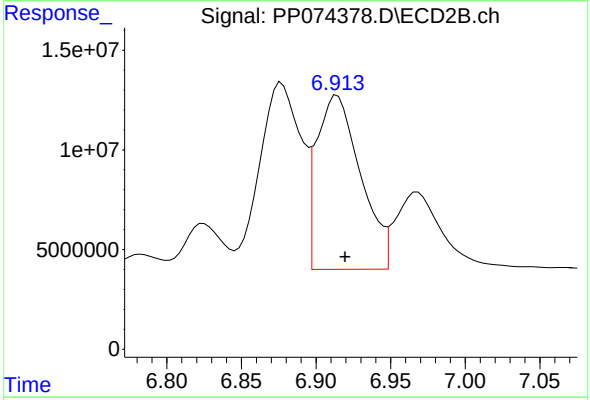
R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 161434301
Conc: 516.26 ng/ml



#33 AR-1260-3

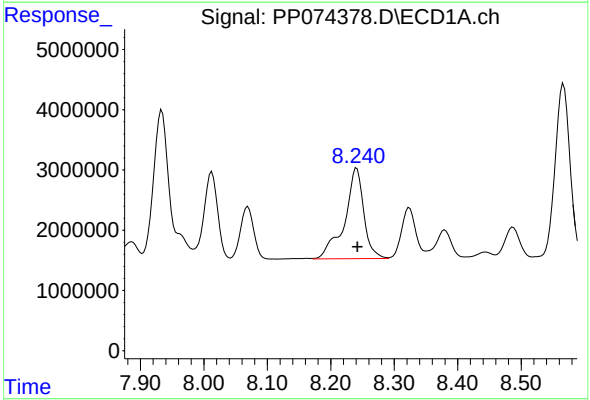
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 22008267
Conc: 412.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



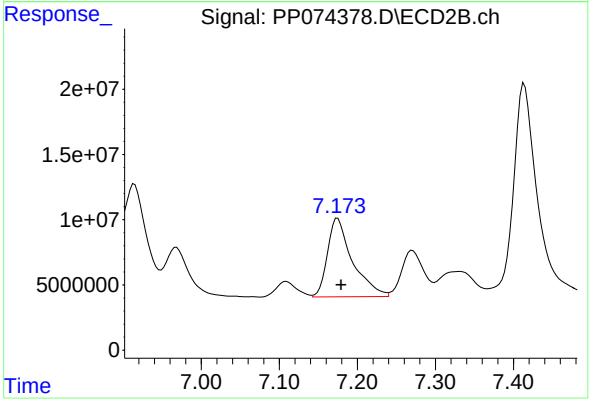
#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 179136774
Conc: 454.53 ng/ml



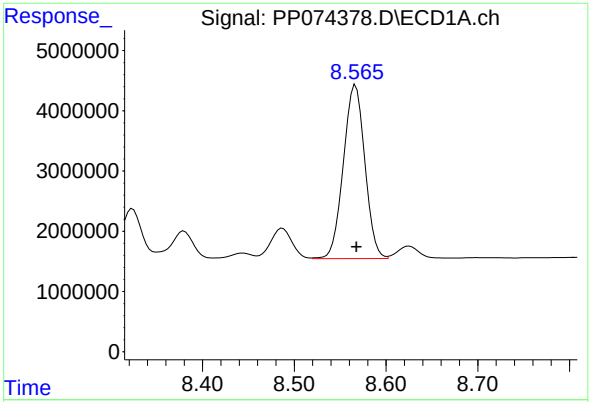
#34 AR-1260-4

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 31621174
Conc: 505.01 ng/ml



#34 AR-1260-4

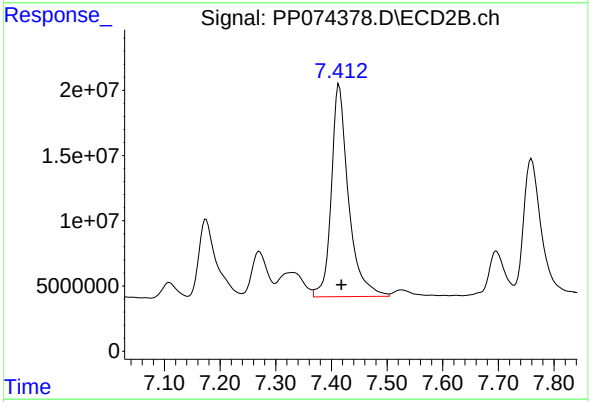
R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 133599636
Conc: 459.14 ng/ml



#35 AR-1260-5

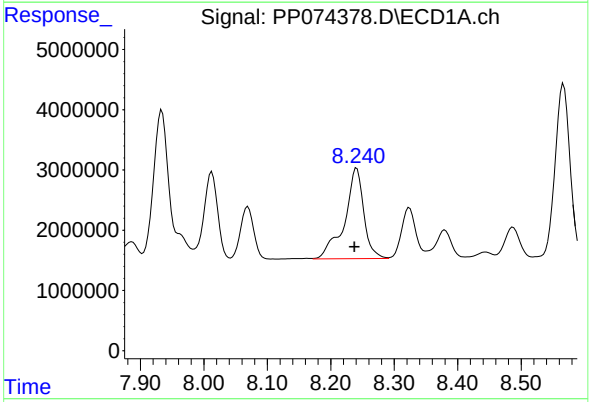
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 46932823
Conc: 414.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



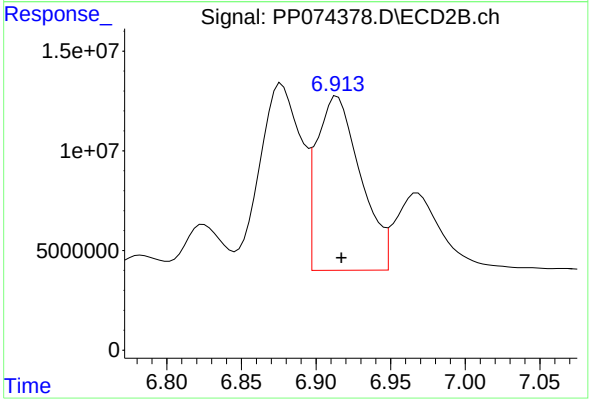
#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 348961811
Conc: 460.73 ng/ml



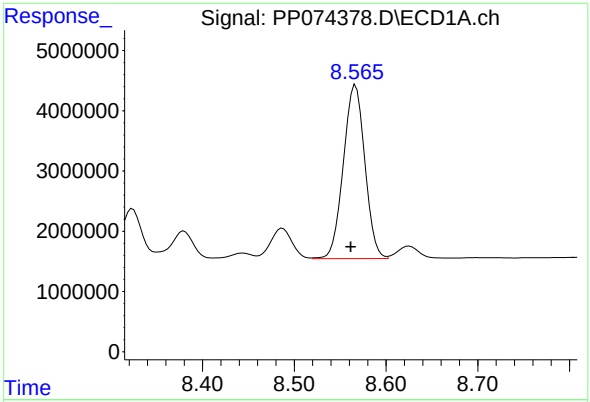
#36 AR-1262-1

R.T.: 8.241 min
Delta R.T.: 0.004 min
Response: 31621174
Conc: 417.22 ng/ml



#36 AR-1262-1

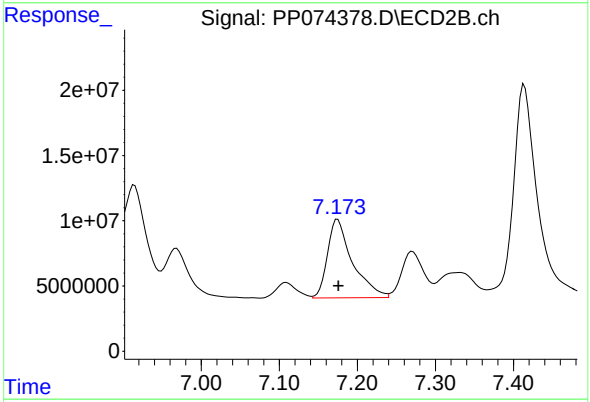
R.T.: 6.914 min
Delta R.T.: -0.003 min
Response: 179136774
Conc: 318.10 ng/ml



#37 AR-1262-2

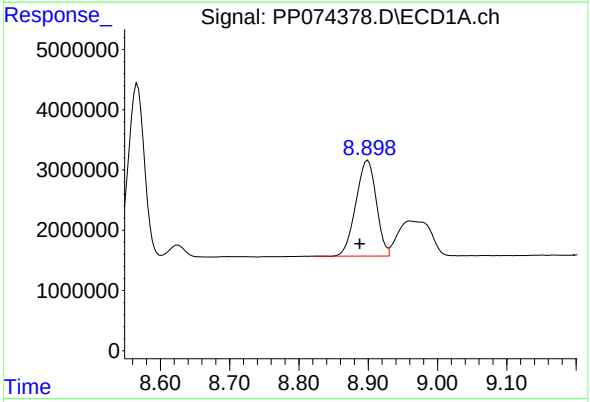
R.T.: 8.567 min
Delta R.T.: 0.005 min
Response: 46932823
Conc: 359.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



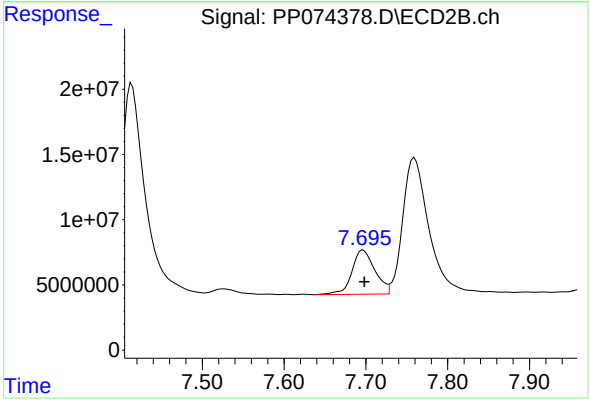
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 133599636
Conc: 333.15 ng/ml



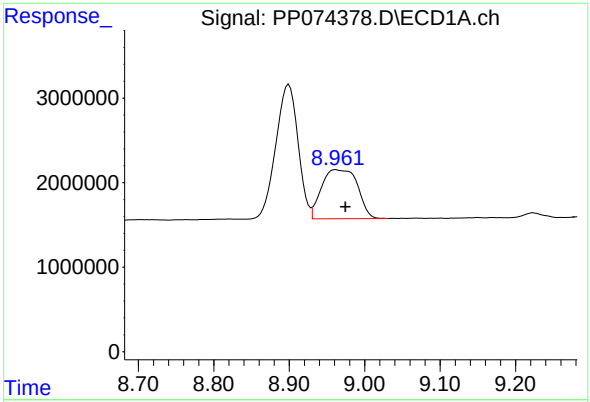
#38 AR-1262-3

R.T.: 8.899 min
Delta R.T.: 0.011 min
Response: 32525659
Conc: 345.76 ng/ml



#38 AR-1262-3

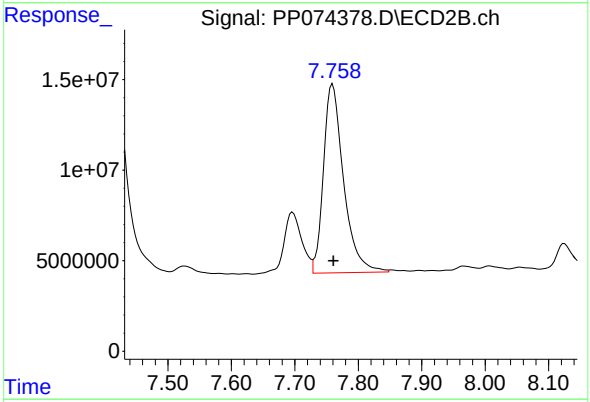
R.T.: 7.697 min
Delta R.T.: -0.002 min
Response: 66325694
Conc: 184.51 ng/ml



#39 AR-1262-4

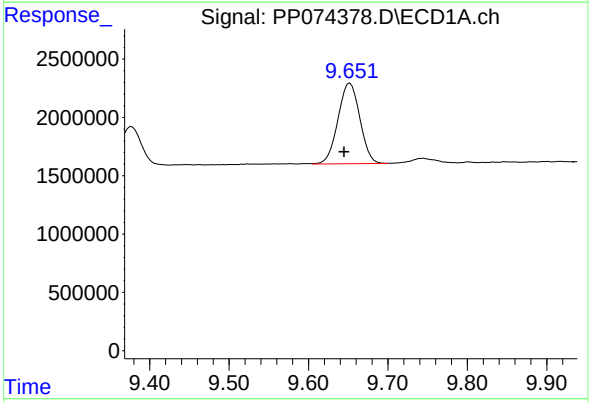
R.T.: 8.962 min
Delta R.T.: -0.012 min
Response: 19212120
Conc: 263.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



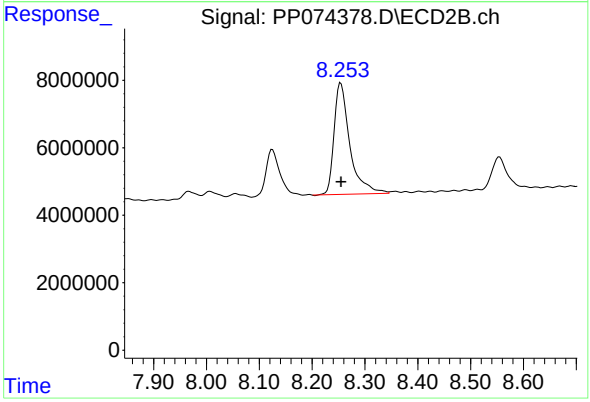
#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 229732125
Conc: 344.47 ng/ml



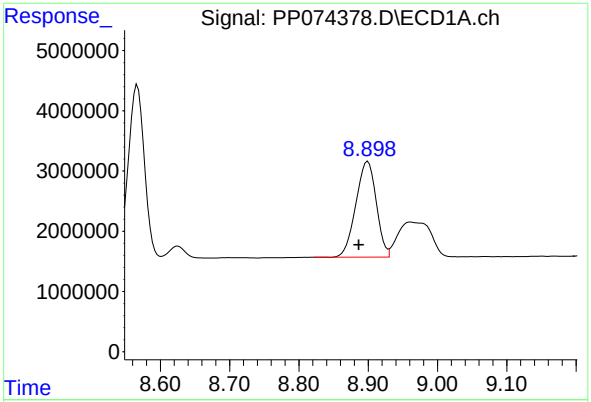
#40 AR-1262-5

R.T.: 9.652 min
Delta R.T.: 0.008 min
Response: 13209008
Conc: 259.39 ng/ml



#40 AR-1262-5

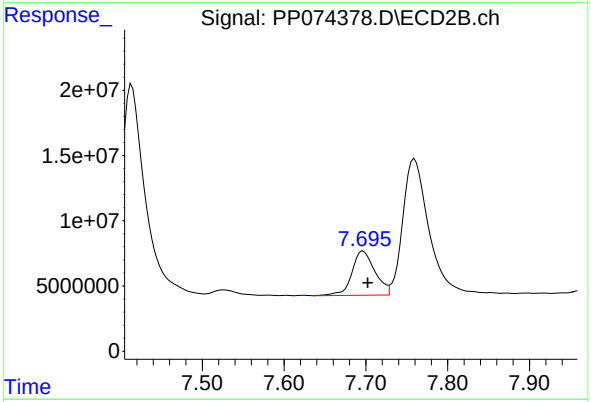
R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 68669927
Conc: 242.42 ng/ml



#41 AR-1268-1

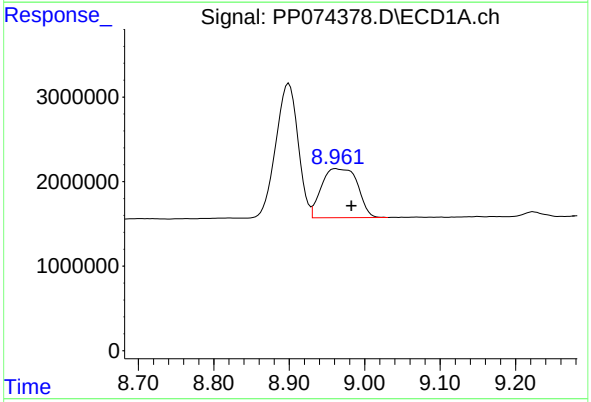
R.T.: 8.899 min
Delta R.T.: 0.013 min
Response: 32525659
Conc: 208.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



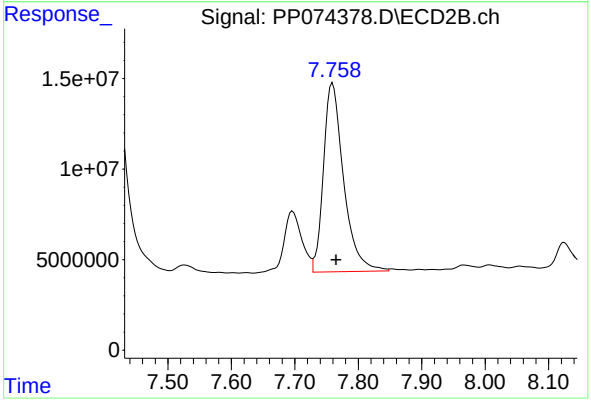
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 66325694
Conc: 60.83 ng/ml



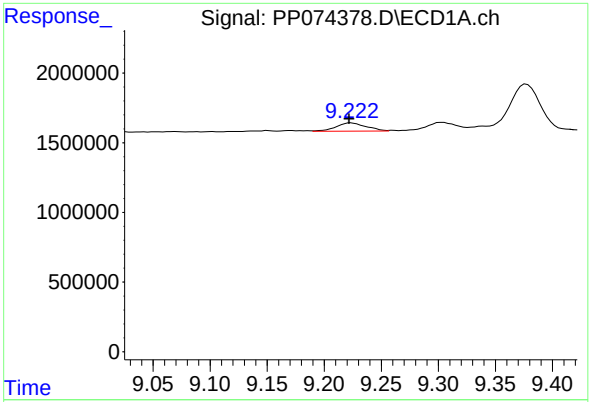
#42 AR-1268-2

R.T.: 8.962 min
Delta R.T.: -0.020 min
Response: 19212120
Conc: 133.95 ng/ml



#42 AR-1268-2

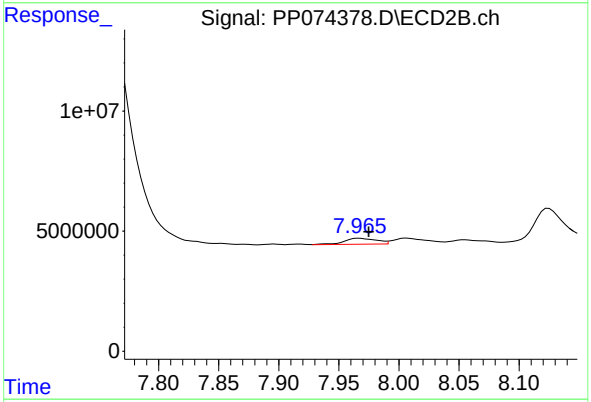
R.T.: 7.759 min
Delta R.T.: -0.006 min
Response: 229732125
Conc: 216.46 ng/ml



#43 AR-1268-3

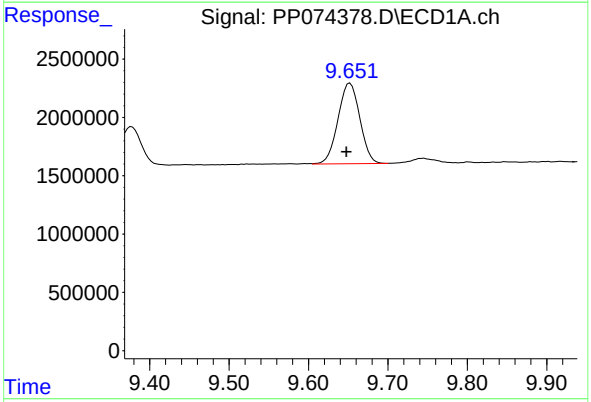
R.T.: 9.223 min
Delta R.T.: 0.002 min
Response: 1093319
Conc: 9.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



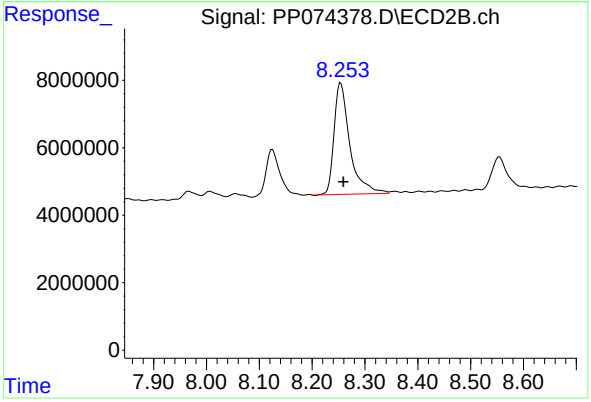
#43 AR-1268-3

R.T.: 7.967 min
Delta R.T.: -0.008 min
Response: 4679303
Conc: 5.62 ng/ml



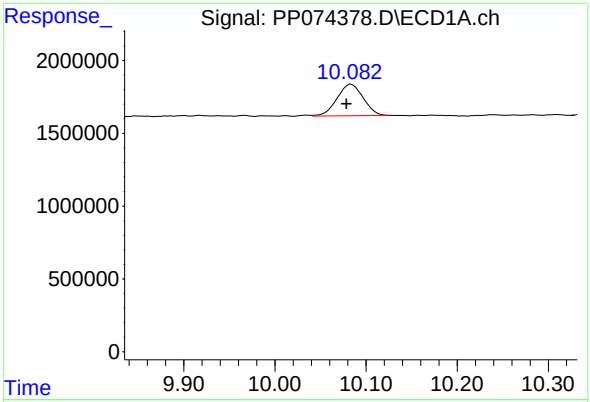
#44 AR-1268-4

R.T.: 9.652 min
Delta R.T.: 0.004 min
Response: 13209008
Conc: 224.59 ng/ml



#44 AR-1268-4

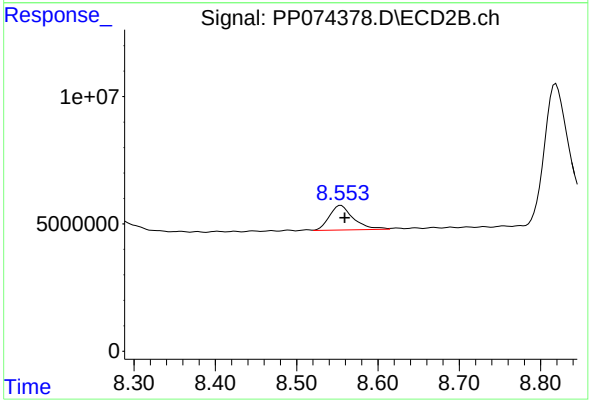
R.T.: 8.254 min
Delta R.T.: -0.005 min
Response: 68669927
Conc: 222.91 ng/ml



#45 AR-1268-5

R.T.: 10.084 min
Delta R.T.: 0.005 min
Response: 4307329
Conc: 12.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BS



#45 AR-1268-5

R.T.: 8.555 min
Delta R.T.: -0.005 min
Response: 19825374
Conc: 7.77 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:06
Operator : YP\AJ
Sample : PB169224BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 08:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.661	3.803	27323959	83022994	24.433	21.652	
2)	SA Decachlor...	10.442	8.821	22088514	125.4E6	22.744	20.852	
	Target Compounds							
3)	L1 AR-1016-1	5.813	4.903	21297094	209.4E6	516.208	524.880	
4)	L1 AR-1016-2	5.834	4.961	31062335	95078870	511.384	506.253	
5)	L1 AR-1016-3	5.897	5.081	21034121	52540342	530.354	495.338	
6)	L1 AR-1016-4	5.994	5.121	17139396	53135088	526.645	486.496	
7)	L1 AR-1016-5	6.287	5.336	16211983	59076119	499.321	505.083	
8)	L2 AR-1221-1	4.856	4.010	2550153	5764511	152.124	117.439	
9)	L2 AR-1221-2	4.946	4.098	3090403	7195549	245.250	200.493	
10)	L2 AR-1221-3	5.022	4.175	12033500	38096612	328.468	281.729	
11)	L3 AR-1232-1	5.022	4.175	12033500	38096612	414.415	375.845	
12)	L3 AR-1232-2	5.548	4.903	16219034	209.4E6	1078.199	1201.425	
13)	L3 AR-1232-3	5.834	5.081	31062335	52540342	1071.052	1146.753	
14)	L3 AR-1232-4	5.994	5.164	17139396	98815310	1107.996	1703.398	#
15)	L3 AR-1232-5	6.084	5.336	14932511	59076119	1274.539	1257.488	
16)	L4 AR-1242-1	5.813	4.903	21297094	209.4E6	571.491	606.616	
17)	L4 AR-1242-2	5.834	4.961	31062335	95078870	570.905	581.958	
18)	L4 AR-1242-3	5.897	5.081	21034121	52540342	588.600	569.552	
19)	L4 AR-1242-4	5.994	5.164	17139396	98815310	586.591	827.449	#
20)	L4 AR-1242-5	6.724	5.686	3637075	75677088	102.286	505.998	#
21)	L5 AR-1248-1	5.813	4.903	21297094	209.4E6	760.216	978.666	#
22)	L5 AR-1248-2	6.084	5.121	14932511	53135088	370.892	363.162	
23)	L5 AR-1248-3	6.287	5.164	16211983	98815310	363.713	576.317	#
24)	L5 AR-1248-4	6.662	5.336	15962242	59076119	306.747	355.081	
25)	L5 AR-1248-5	6.724	5.686f	3637075	75677088	63.872	260.089	#
26)	L6 AR-1254-1	6.662	5.686	15962242	75677088	303.228	206.665	#
27)	L6 AR-1254-2	6.877	5.832	13813349	64049220	173.743	230.213	#
28)	L6 AR-1254-3	7.238	6.251	10220018	120.6E6	117.046	246.532	#
29)	L6 AR-1254-4	7.522	6.464	5339976	7982088	83.686	21.716	#
30)	L6 AR-1254-5	7.936	6.879	46343158	181.4E6	571.117	471.089	
31)	L7 AR-1260-1	7.404	6.552	28649900	213.8E6	508.373	529.307	
32)	L7 AR-1260-2	7.657	6.706	33343582	166.5E6	489.251	532.437	
33)	L7 AR-1260-3	8.015	6.916	22828227	187.7E6	428.330	476.314	
34)	L7 AR-1260-4	8.244	7.177	34152879	137.1E6	545.443	471.053	
35)	L7 AR-1260-5	8.569	7.416	47250122	349.3E6	417.017	461.187	
36)	L8 AR-1262-1	8.244	6.916	34152879	187.7E6	450.627	333.351	#
37)	L8 AR-1262-2	8.569	7.177	47250122	137.1E6	362.264	341.793	
38)	L8 AR-1262-3	8.902	7.699	32925851	71145823	350.011	197.919	#
39)	L8 AR-1262-4	8.966	7.763	19532685	236.3E6	268.116	354.321	#
40)	L8 AR-1262-5	9.655	8.256	13473805	68331156	264.594	241.224	
41)	L9 AR-1268-1	8.902	7.699	32925851	71145823	211.561	65.256	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:06
Operator : YP\AJ
Sample : PB169224BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169224BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 08:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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	8.966	7.763	19532685	236.3E6	136.187	222.650	#
43)	L9 AR-1268-3	9.226	7.969	1131131	4915509	9.468	5.909	#
44)	L9 AR-1268-4	9.655	8.256	13473805	68331156	229.097	221.812	
45)	L9 AR-1268-5	10.087	8.556	4395728	20012561	12.499	7.848	#

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

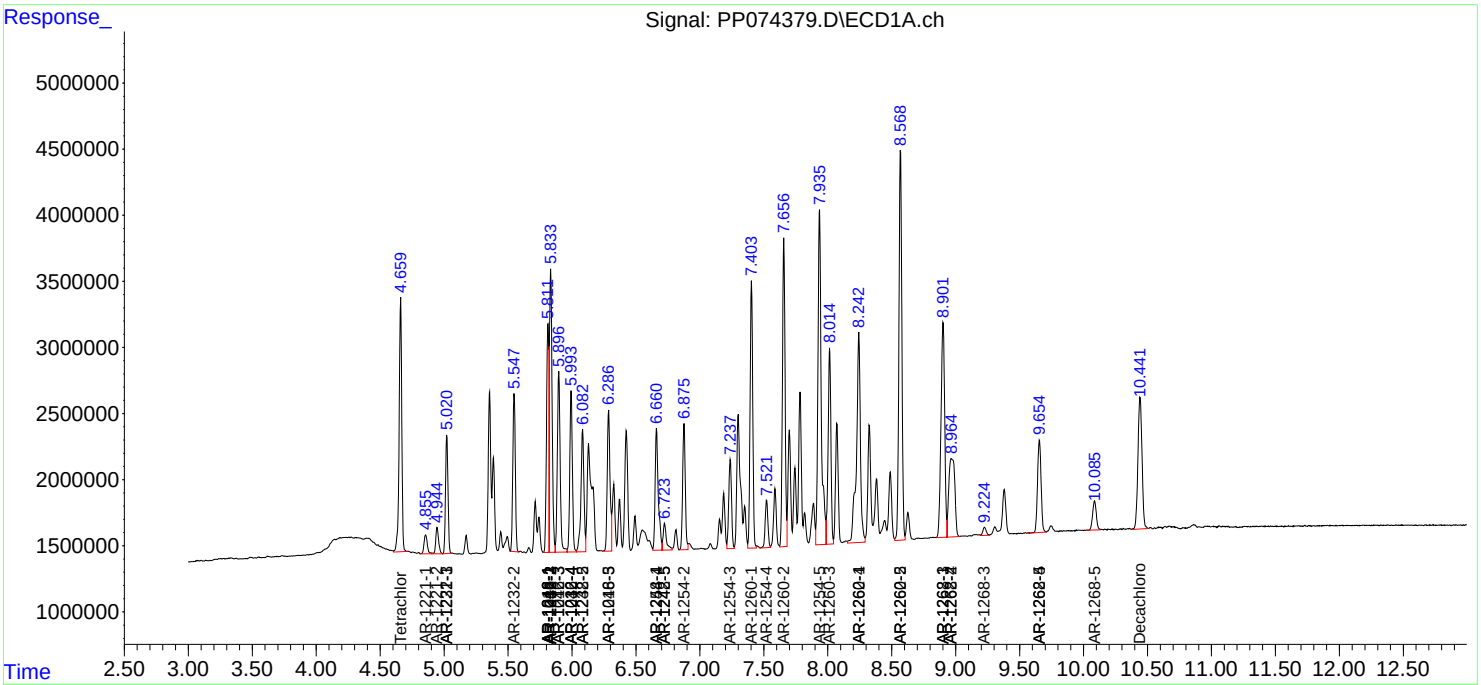
Quantitation Report (Not Reviewed)

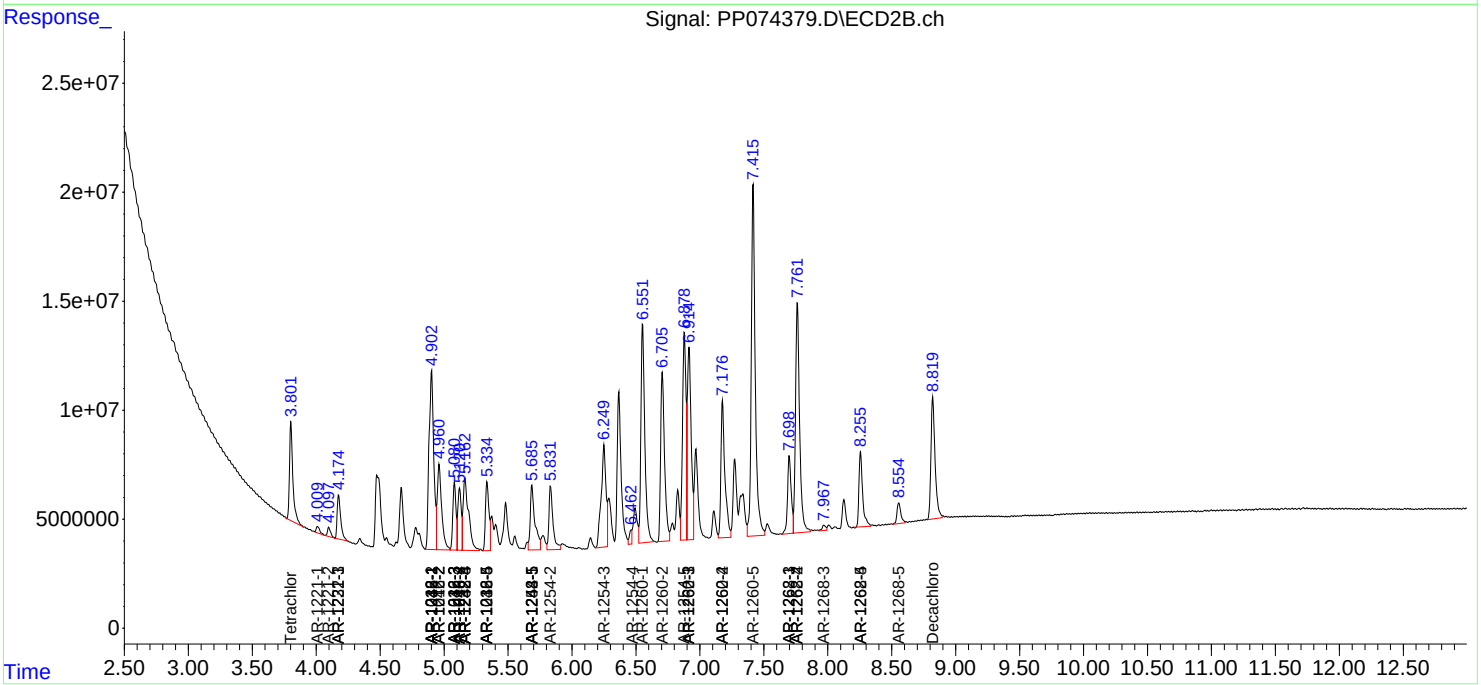
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081425\
Data File : PP074379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 10:06
Operator : YP\AJ
Sample : PB169224BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

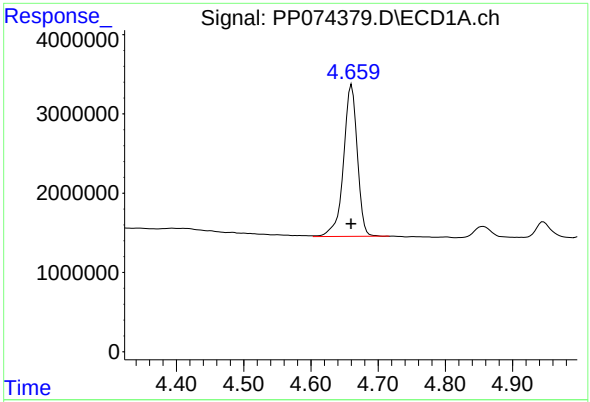
Instrument :
ECD_P
ClientSampleId :
PB169224BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 08:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



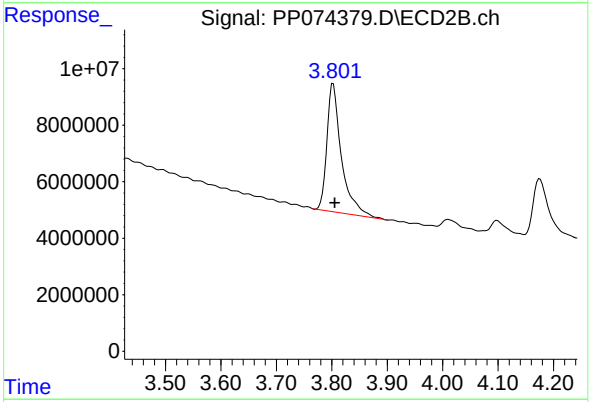




#1 Tetrachloro-m-xylene

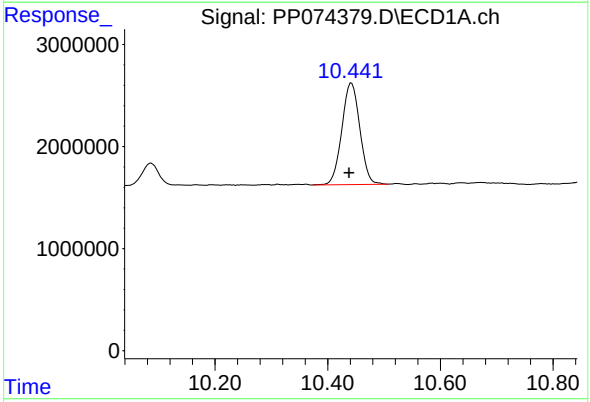
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 27323959
Conc: 24.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



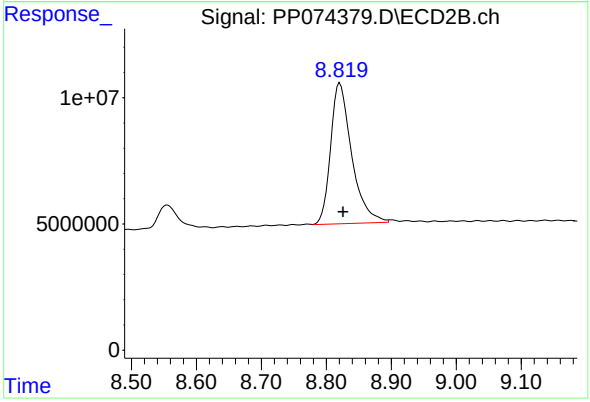
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 83022994
Conc: 21.65 ng/ml



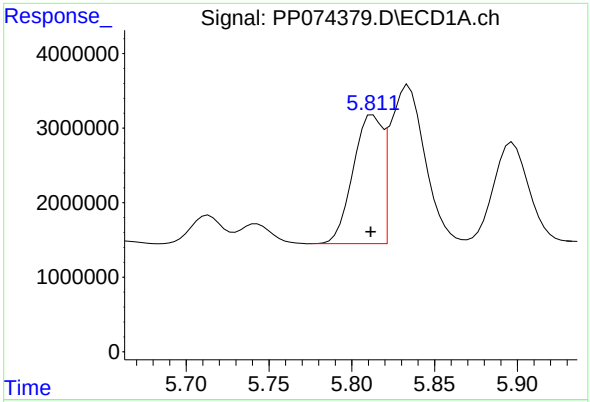
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.004 min
Response: 22088514
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

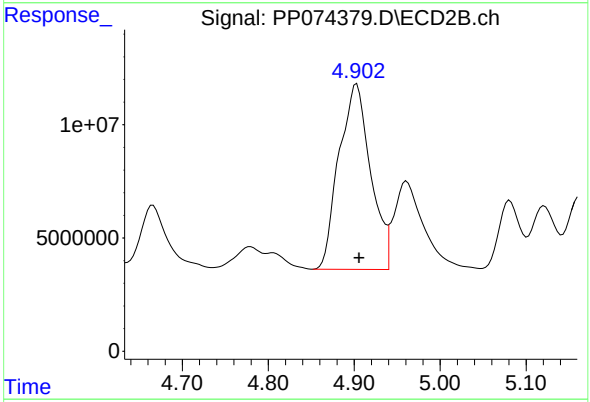
R.T.: 8.821 min
Delta R.T.: -0.005 min
Response: 125394155
Conc: 20.85 ng/ml



#3 AR-1016-1

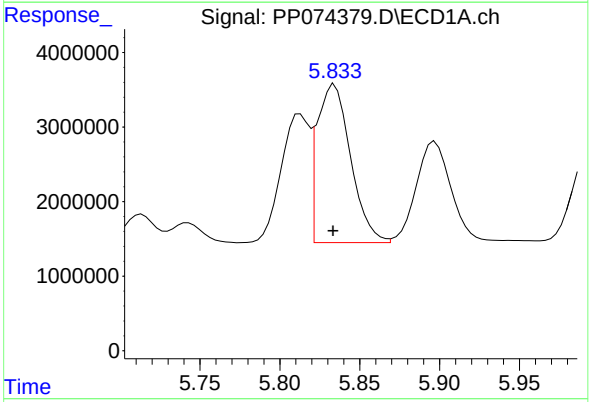
R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 21297094
Conc: 516.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



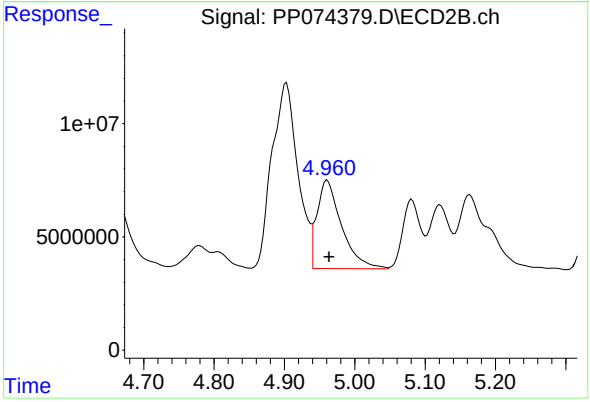
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 209367854
Conc: 524.88 ng/ml



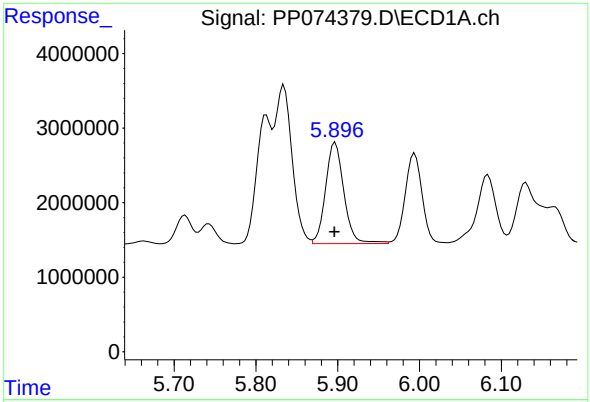
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.001 min
Response: 31062335
Conc: 511.38 ng/ml



#4 AR-1016-2

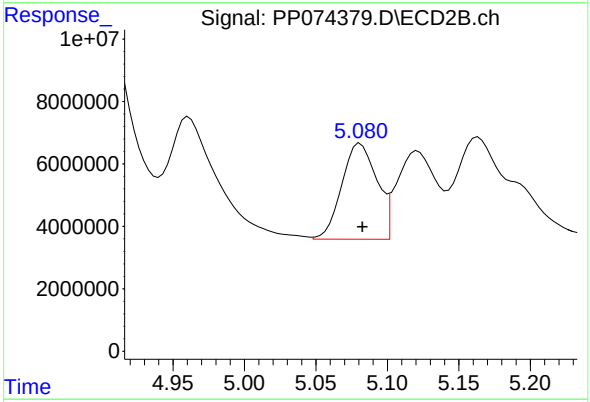
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 95078870
Conc: 506.25 ng/ml



#5 AR-1016-3

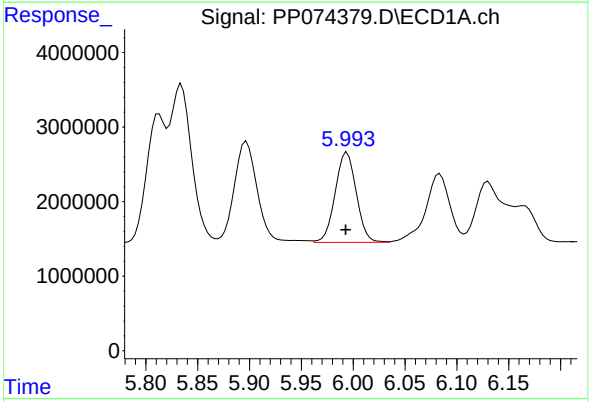
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 21034121
Conc: 530.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



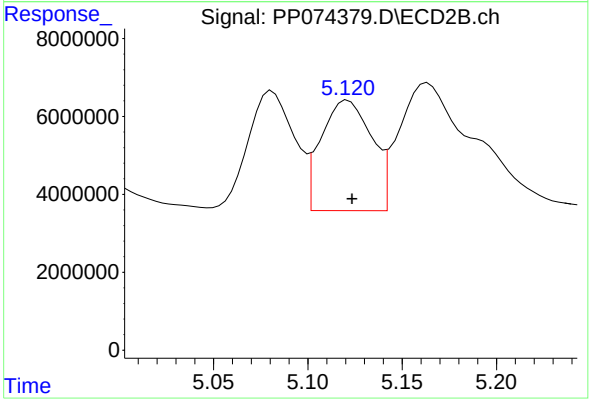
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 52540342
Conc: 495.34 ng/ml



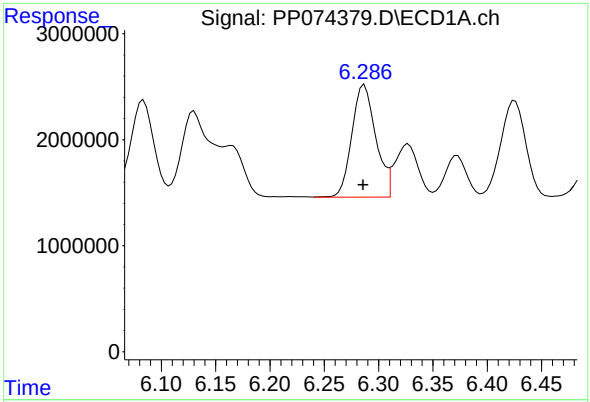
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.001 min
Response: 17139396
Conc: 526.65 ng/ml



#6 AR-1016-4

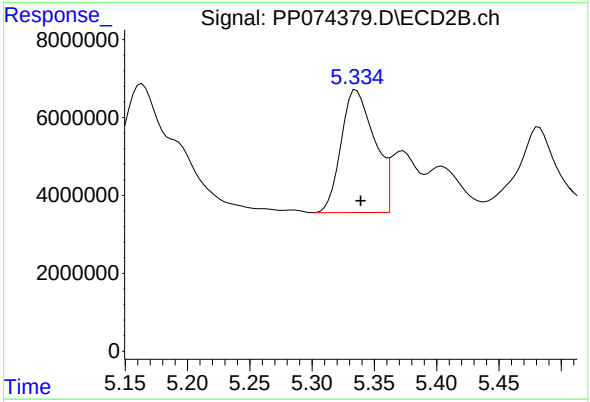
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 53135088
Conc: 486.50 ng/ml



#7 AR-1016-5

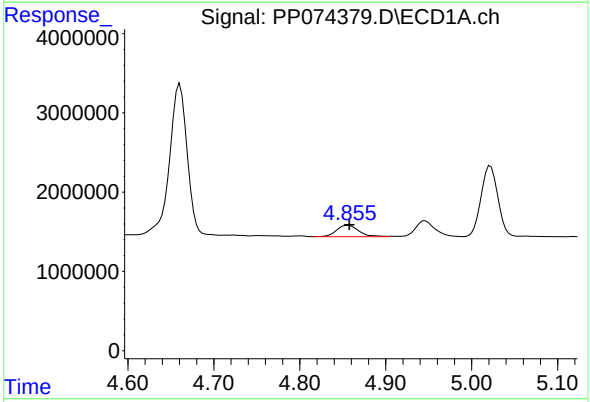
R.T.: 6.287 min
Delta R.T.: 0.001 min
Response: 16211983
Conc: 499.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



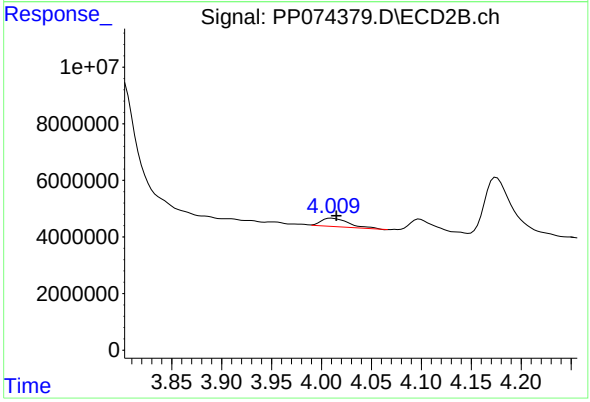
#7 AR-1016-5

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 59076119
Conc: 505.08 ng/ml



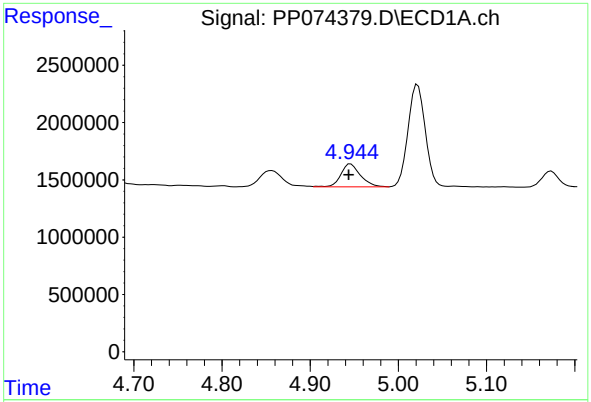
#8 AR-1221-1

R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 2550153
Conc: 152.12 ng/ml



#8 AR-1221-1

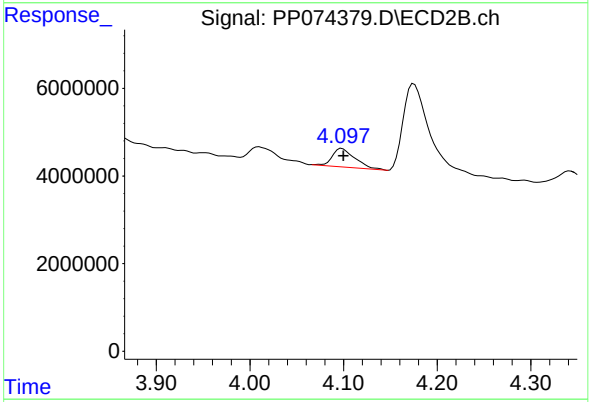
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 5764511
Conc: 117.44 ng/ml



#9 AR-1221-2

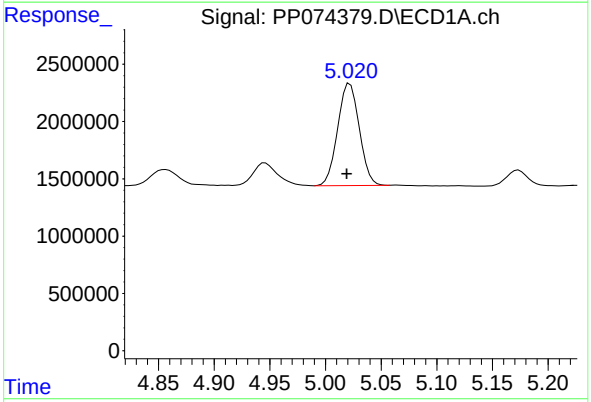
R.T.: 4.946 min
Delta R.T.: 0.002 min
Response: 3090403
Conc: 245.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



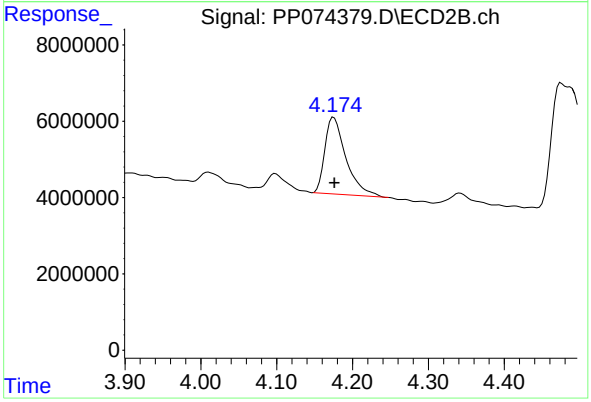
#9 AR-1221-2

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 7195549
Conc: 200.49 ng/ml



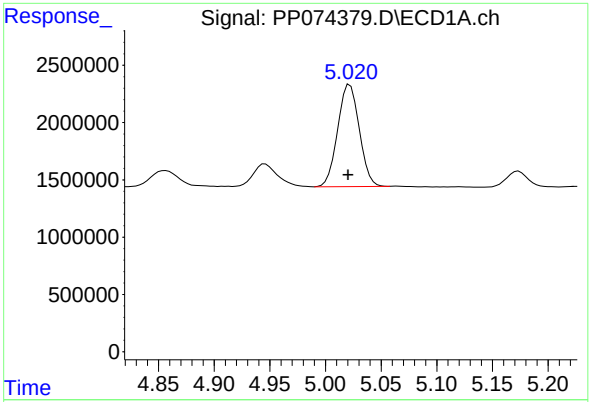
#10 AR-1221-3

R.T.: 5.022 min
Delta R.T.: 0.003 min
Response: 12033500
Conc: 328.47 ng/ml



#10 AR-1221-3

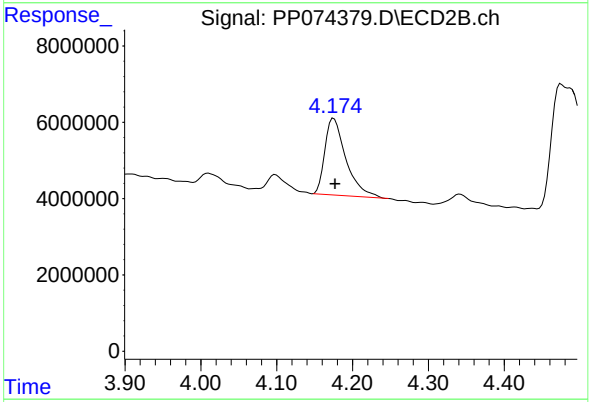
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 38096612
Conc: 281.73 ng/ml



#11 AR-1232-1

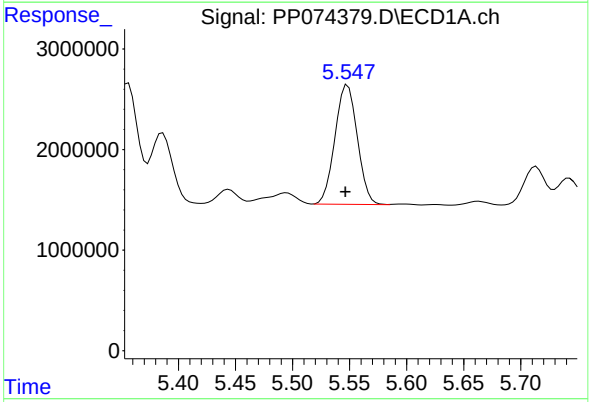
R.T.: 5.022 min
Delta R.T.: 0.001 min
Response: 12033500
Conc: 414.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



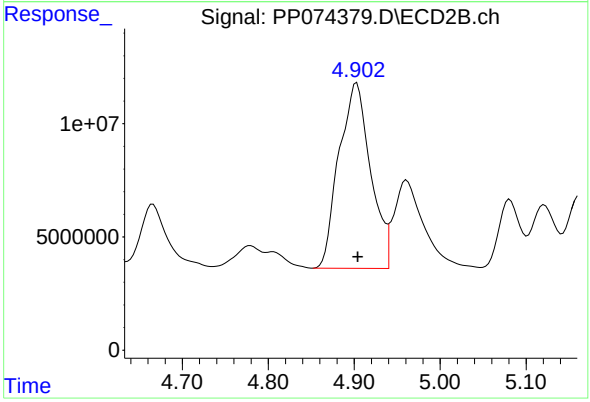
#11 AR-1232-1

R.T.: 4.175 min
Delta R.T.: -0.002 min
Response: 38096612
Conc: 375.85 ng/ml



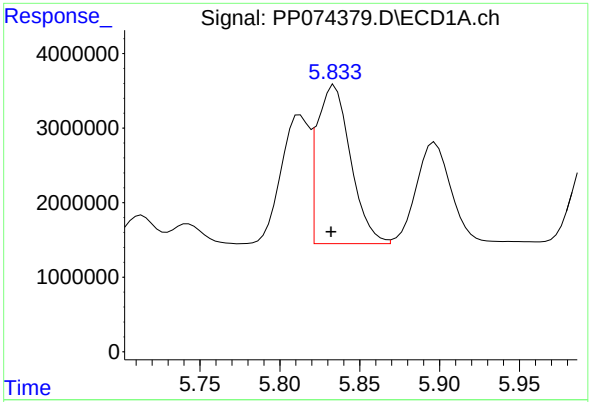
#12 AR-1232-2

R.T.: 5.548 min
Delta R.T.: 0.002 min
Response: 16219034
Conc: 1078.20 ng/ml



#12 AR-1232-2

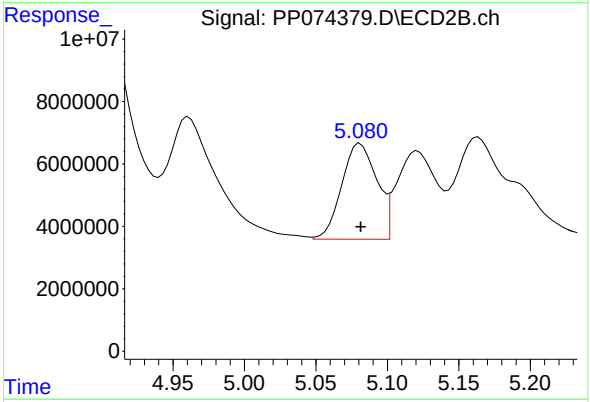
R.T.: 4.903 min
Delta R.T.: -0.001 min
Response: 209367854
Conc: 1201.43 ng/ml



#13 AR-1232-3

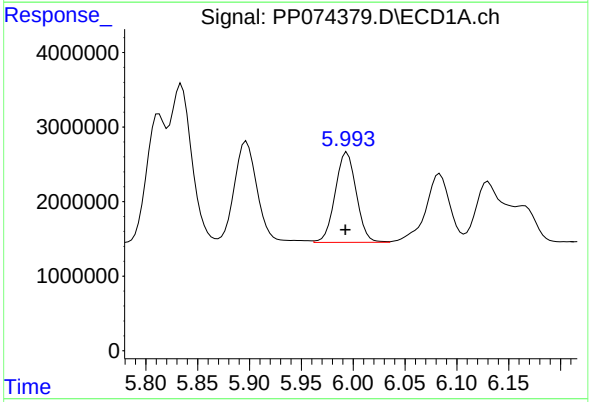
R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 31062335
Conc: 1071.05 ng/m

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



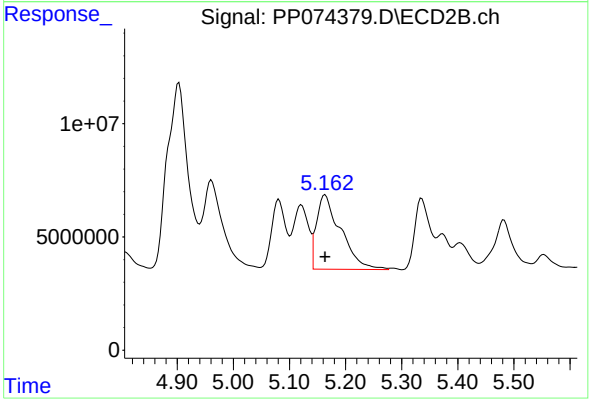
#13 AR-1232-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 52540342
Conc: 1146.75 ng/ml



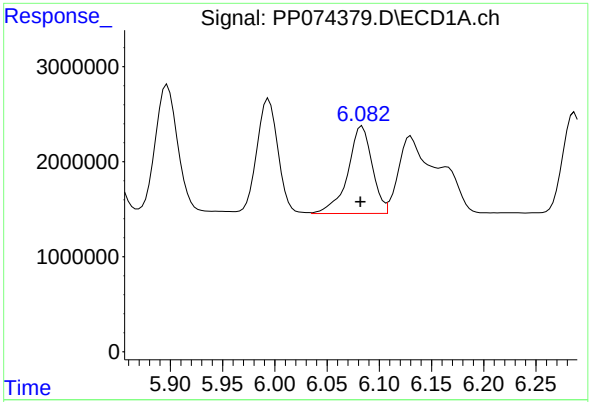
#14 AR-1232-4

R.T.: 5.994 min
Delta R.T.: 0.002 min
Response: 17139396
Conc: 1108.00 ng/ml



#14 AR-1232-4

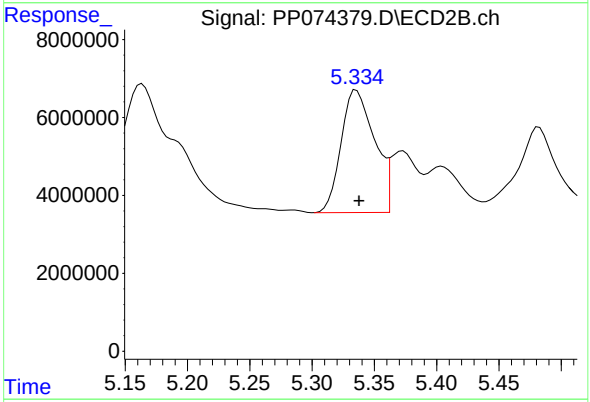
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 98815310
Conc: 1703.40 ng/ml



#15 AR-1232-5

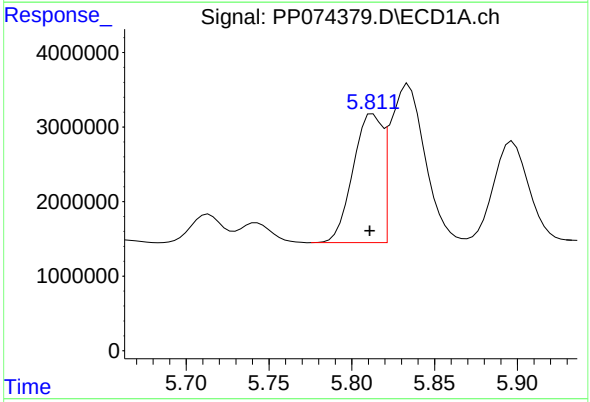
R.T.: 6.084 min
Delta R.T.: 0.002 min
Response: 14932511
Conc: 1274.54 ng/m

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



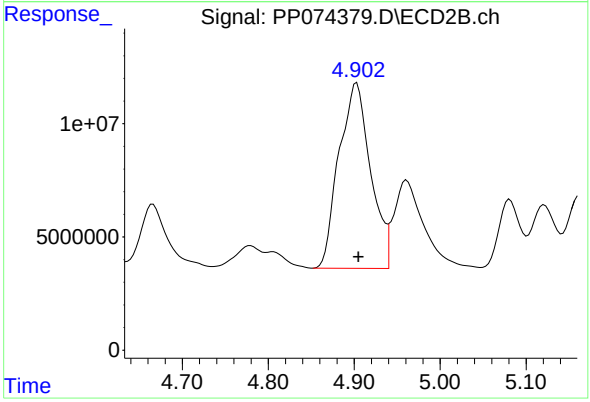
#15 AR-1232-5

R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 59076119
Conc: 1257.49 ng/ml



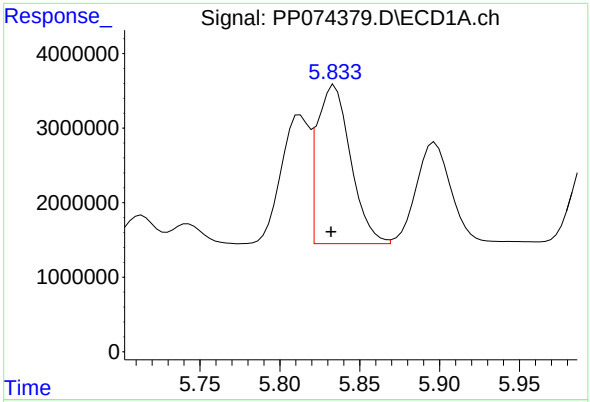
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 21297094
Conc: 571.49 ng/ml



#16 AR-1242-1

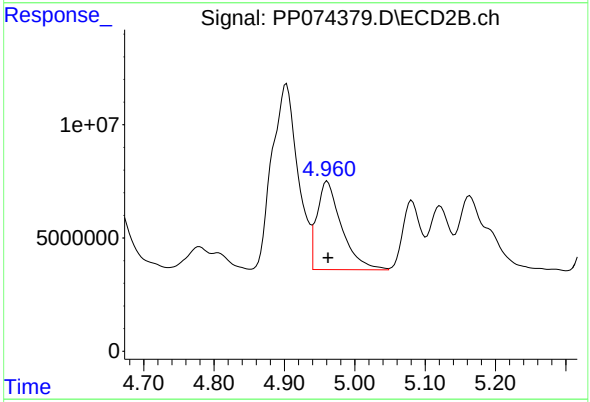
R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 209367854
Conc: 606.62 ng/ml



#17 AR-1242-2

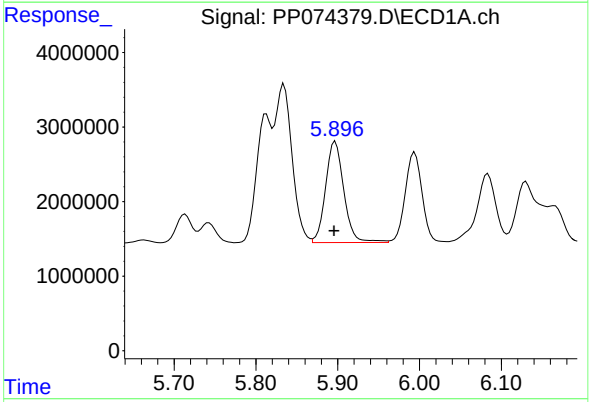
R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 31062335
Conc: 570.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



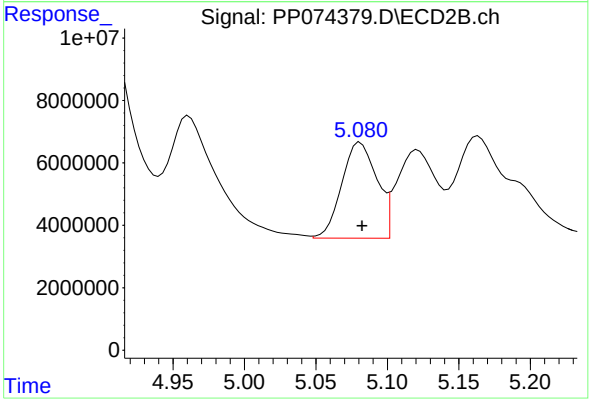
#17 AR-1242-2

R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 95078870
Conc: 581.96 ng/ml



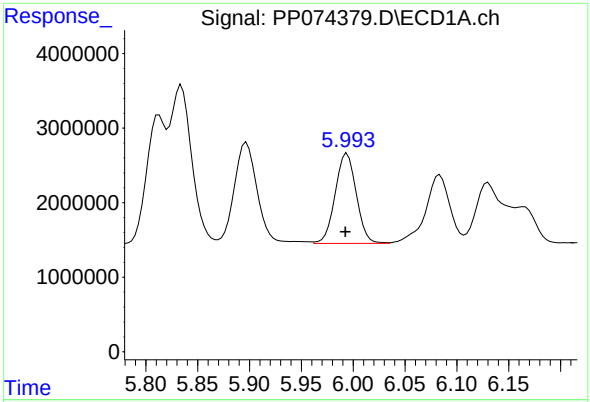
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.002 min
Response: 21034121
Conc: 588.60 ng/ml



#18 AR-1242-3

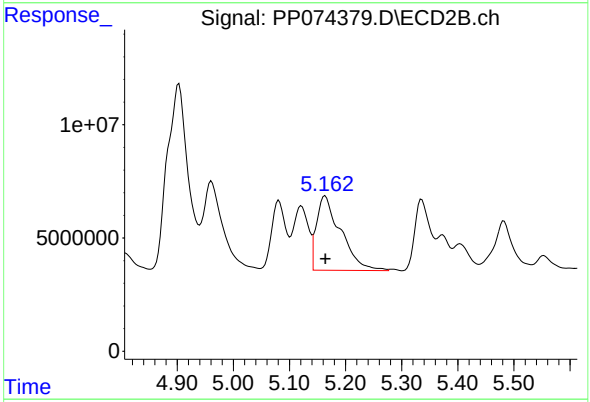
R.T.: 5.081 min
Delta R.T.: -0.001 min
Response: 52540342
Conc: 569.55 ng/ml



#19 AR-1242-4

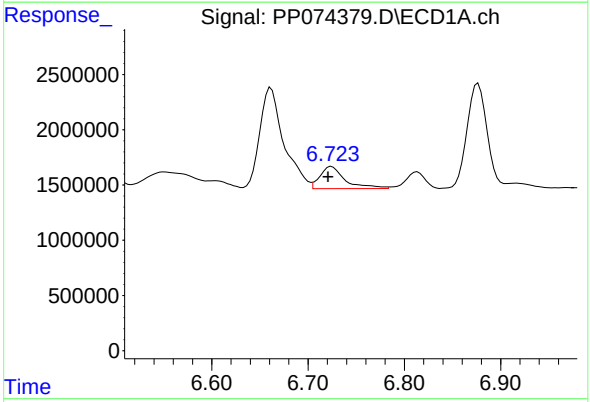
R.T.: 5.994 min
Delta R.T.: 0.002 min
Response: 17139396
Conc: 586.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



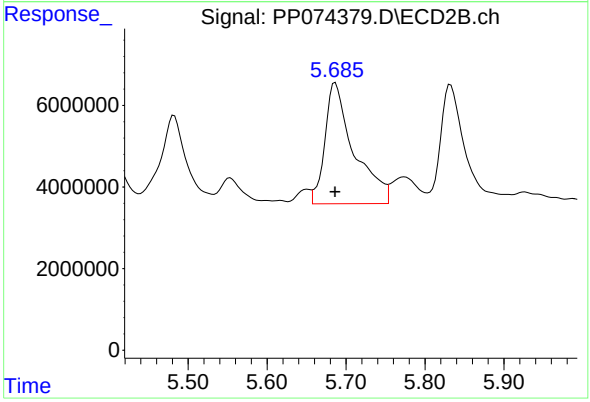
#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 98815310
Conc: 827.45 ng/ml



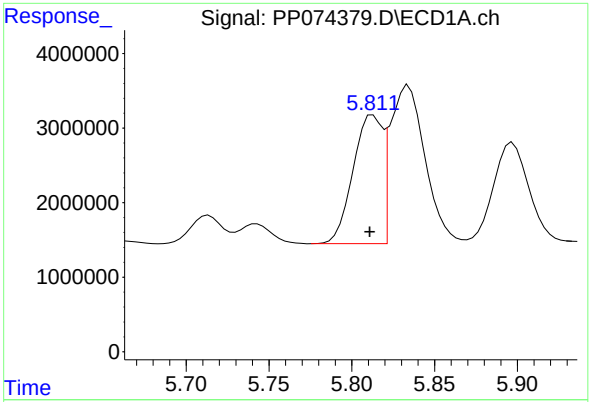
#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.003 min
Response: 3637075
Conc: 102.29 ng/ml



#20 AR-1242-5

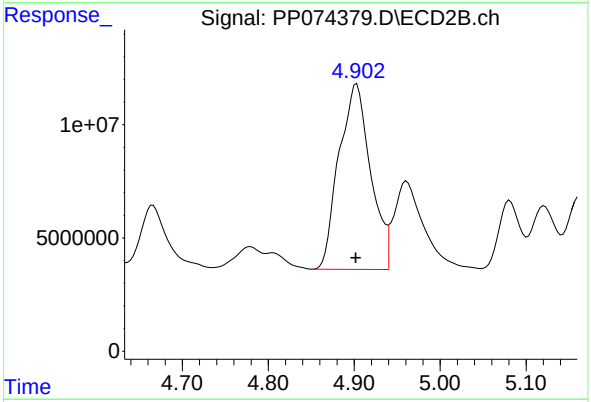
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 75677088
Conc: 506.00 ng/ml



#21 AR-1248-1

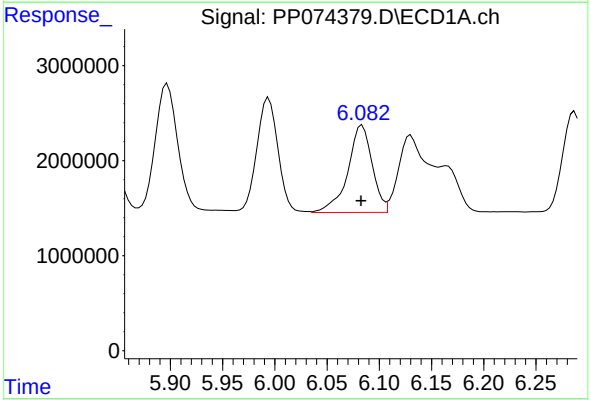
R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 21297094
Conc: 760.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



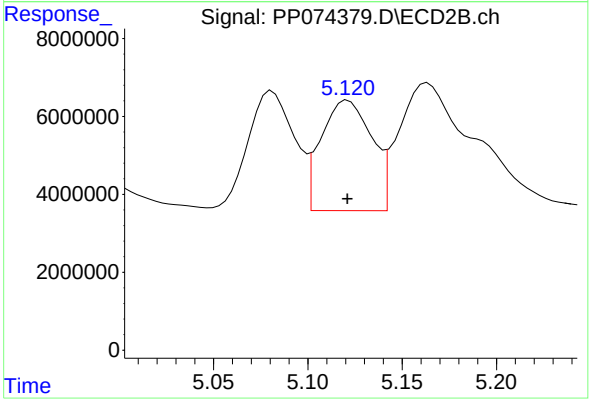
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.001 min
Response: 209367854
Conc: 978.67 ng/ml



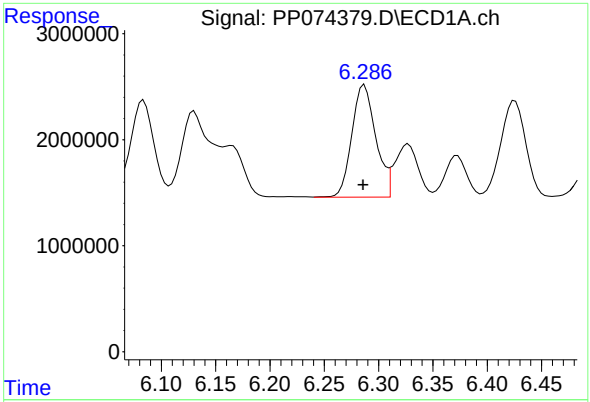
#22 AR-1248-2

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 14932511
Conc: 370.89 ng/ml



#22 AR-1248-2

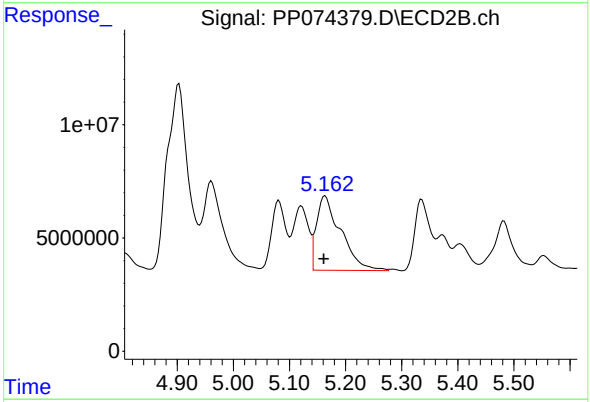
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 53135088
Conc: 363.16 ng/ml



#23 AR-1248-3

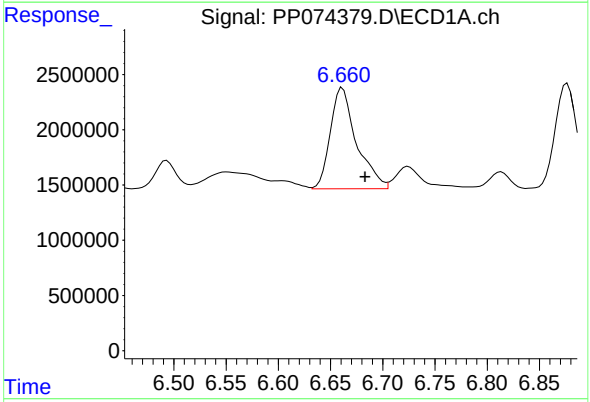
R.T.: 6.287 min
Delta R.T.: 0.001 min
Response: 16211983
Conc: 363.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



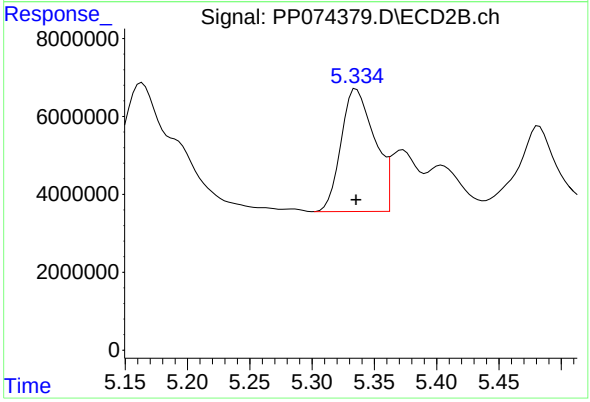
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 98815310
Conc: 576.32 ng/ml



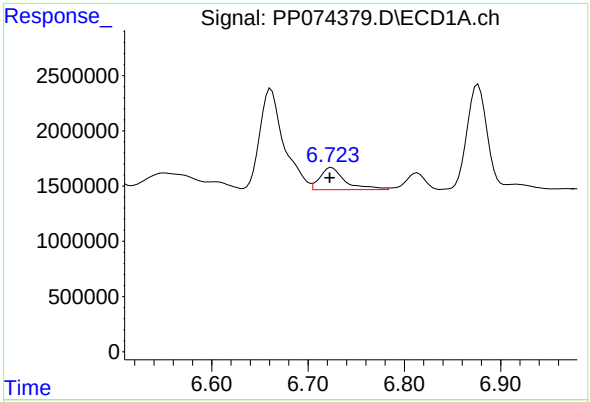
#24 AR-1248-4

R.T.: 6.662 min
Delta R.T.: -0.021 min
Response: 15962242
Conc: 306.75 ng/ml



#24 AR-1248-4

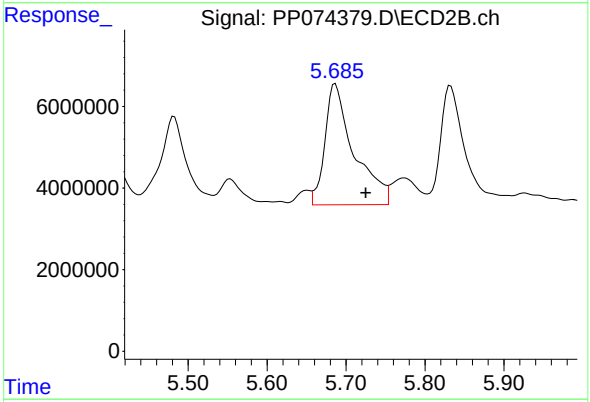
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 59076119
Conc: 355.08 ng/ml



#25 AR-1248-5

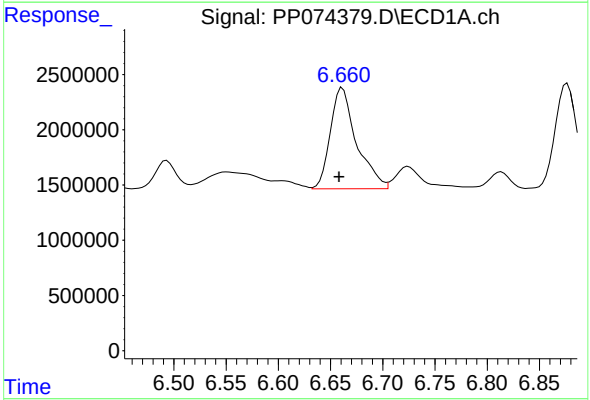
R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 3637075
Conc: 63.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



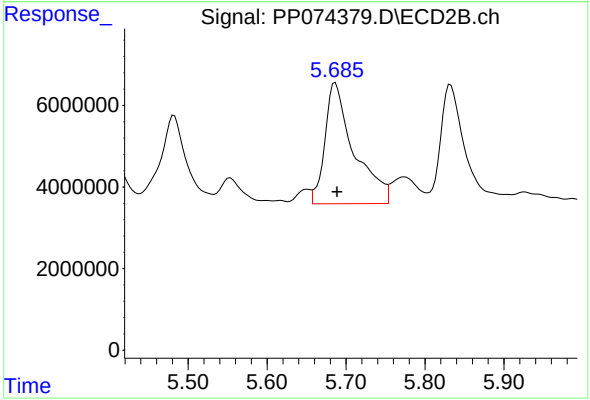
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.039 min
Response: 75677088
Conc: 260.09 ng/ml



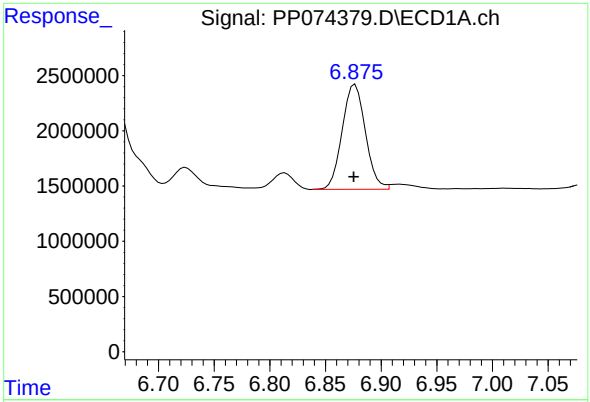
#26 AR-1254-1

R.T.: 6.662 min
Delta R.T.: 0.003 min
Response: 15962242
Conc: 303.23 ng/ml



#26 AR-1254-1

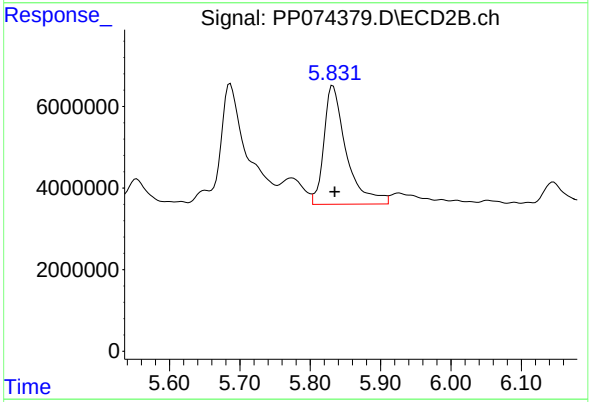
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 75677088
Conc: 206.67 ng/ml



#27 AR-1254-2

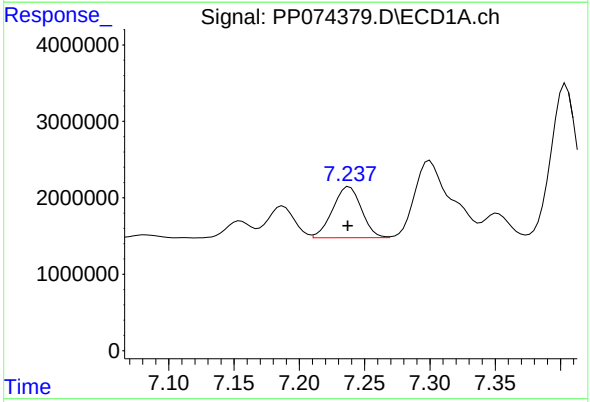
R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 13813349
Conc: 173.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



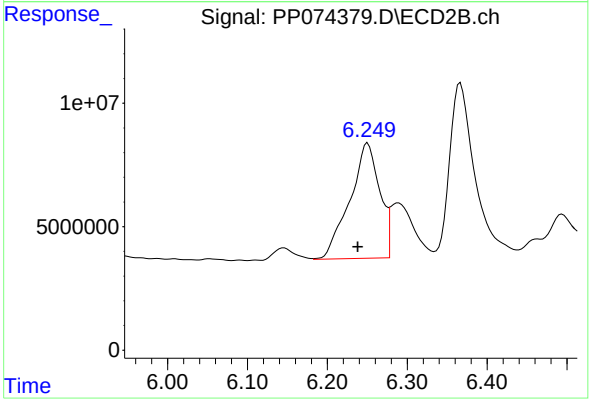
#27 AR-1254-2

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 64049220
Conc: 230.21 ng/ml



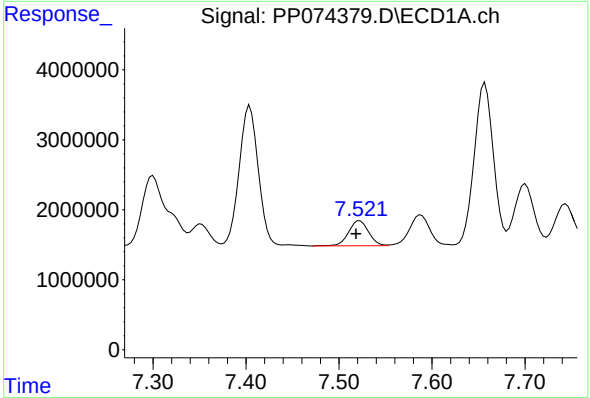
#28 AR-1254-3

R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 10220018
Conc: 117.05 ng/ml



#28 AR-1254-3

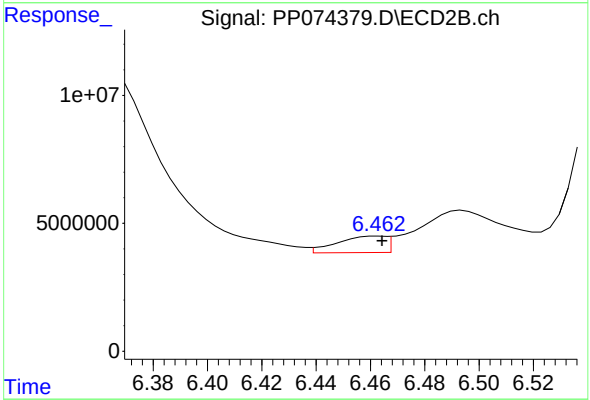
R.T.: 6.251 min
Delta R.T.: 0.012 min
Response: 120606105
Conc: 246.53 ng/ml



#29 AR-1254-4

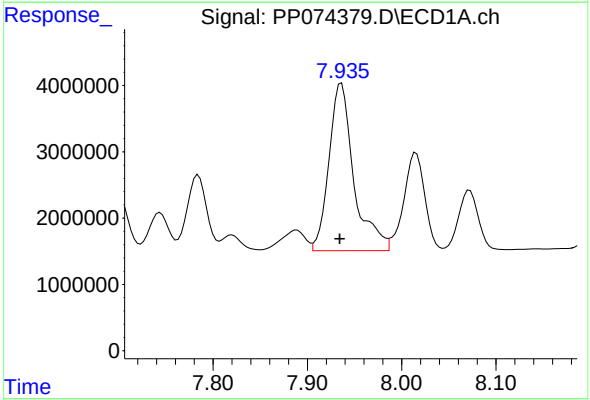
R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 5339976
Conc: 83.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



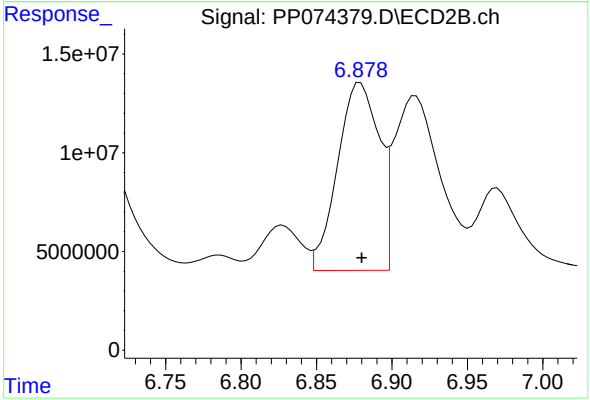
#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 7982088
Conc: 21.72 ng/ml



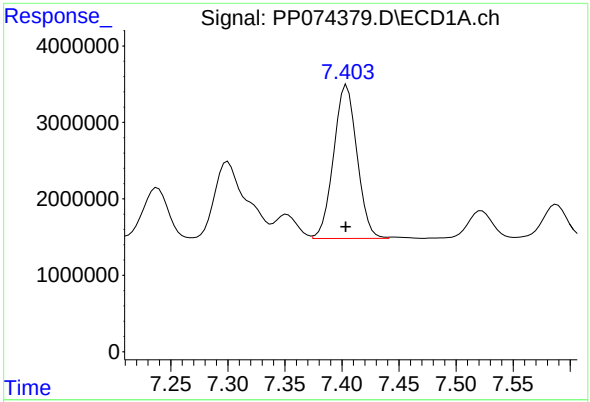
#30 AR-1254-5

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 46343158
Conc: 571.12 ng/ml



#30 AR-1254-5

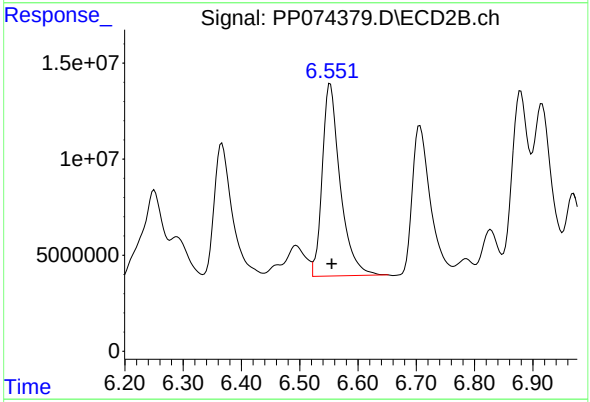
R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 181448025
Conc: 471.09 ng/ml



#31 AR-1260-1

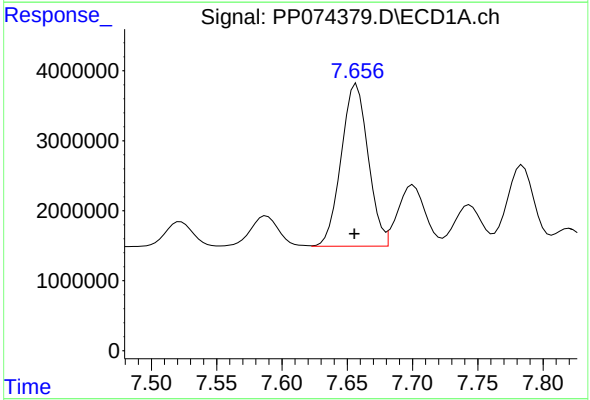
R.T.: 7.404 min
Delta R.T.: 0.001 min
Response: 28649900
Conc: 508.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



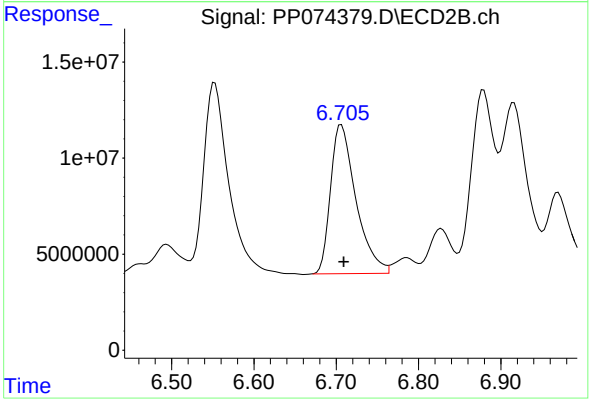
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 213817307
Conc: 529.31 ng/ml



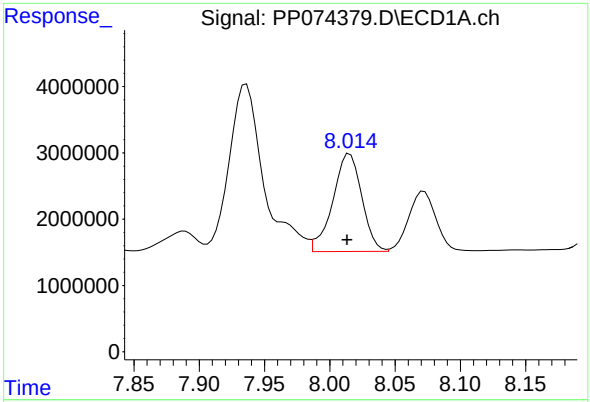
#32 AR-1260-2

R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 33343582
Conc: 489.25 ng/ml



#32 AR-1260-2

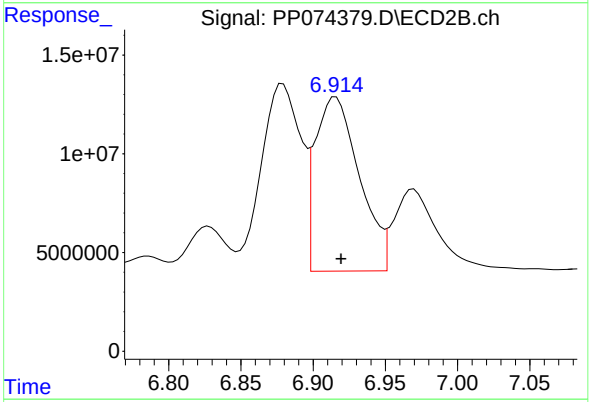
R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 166492536
Conc: 532.44 ng/ml



#33 AR-1260-3

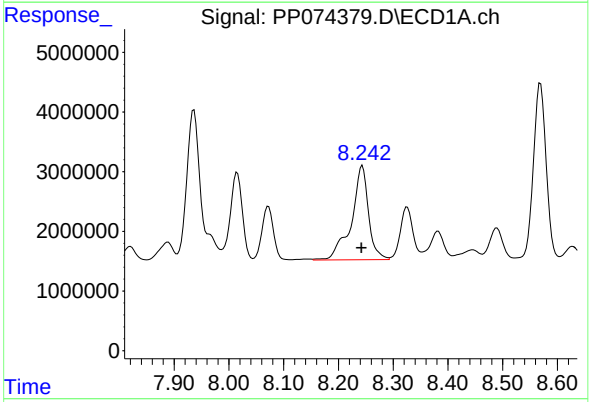
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 22828227
Conc: 428.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



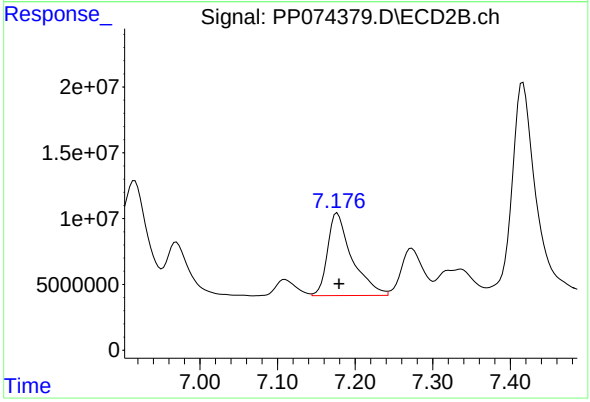
#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 187724173
Conc: 476.31 ng/ml



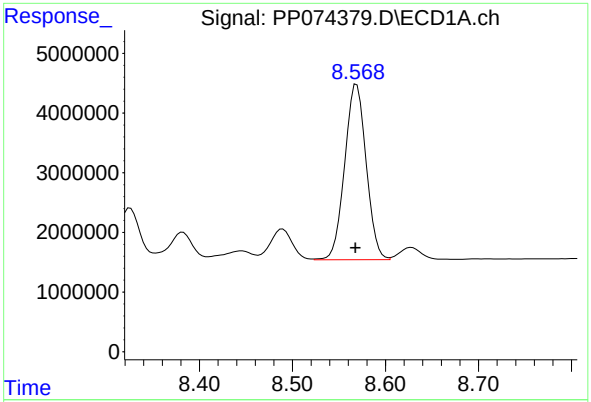
#34 AR-1260-4

R.T.: 8.244 min
Delta R.T.: 0.002 min
Response: 34152879
Conc: 545.44 ng/ml



#34 AR-1260-4

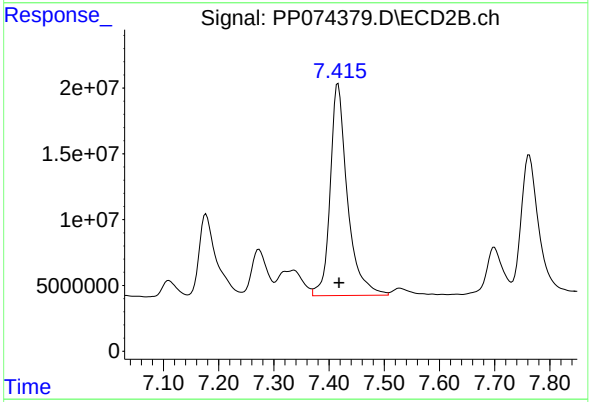
R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 137066761
Conc: 471.05 ng/ml



#35 AR-1260-5

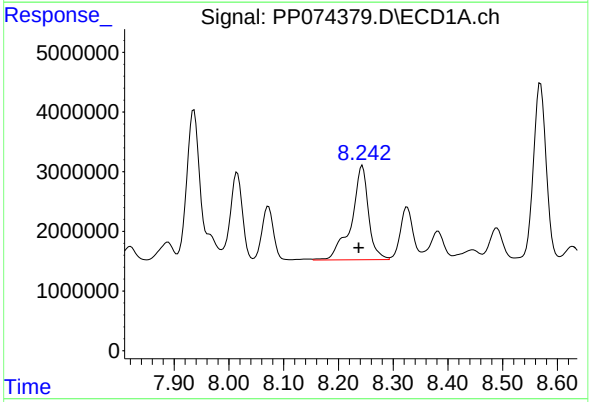
R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 47250122
Conc: 417.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



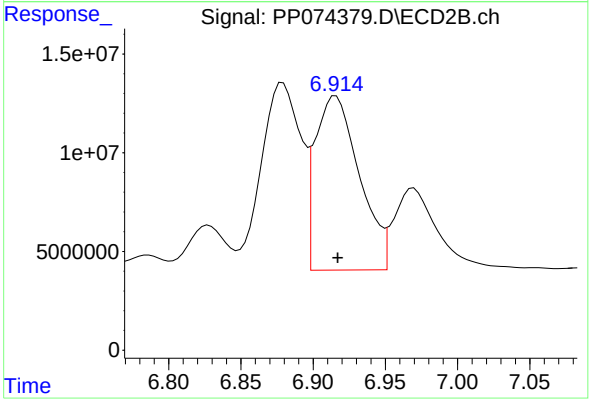
#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 349307591
Conc: 461.19 ng/ml



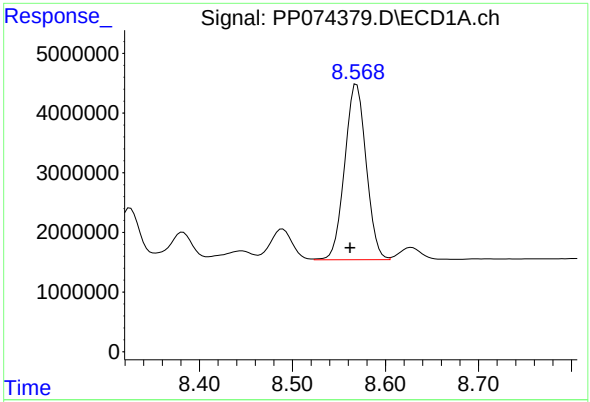
#36 AR-1262-1

R.T.: 8.244 min
Delta R.T.: 0.006 min
Response: 34152879
Conc: 450.63 ng/ml



#36 AR-1262-1

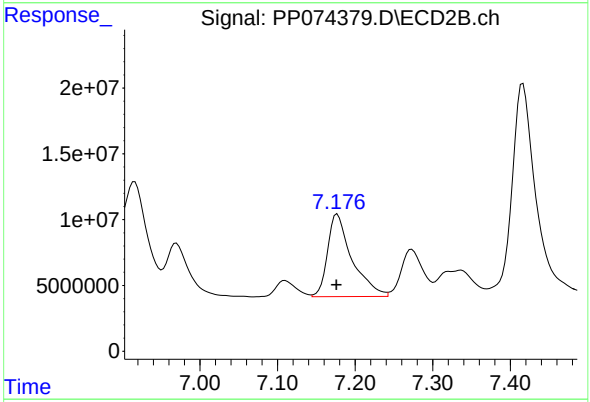
R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 187724173
Conc: 333.35 ng/ml



#37 AR-1262-2

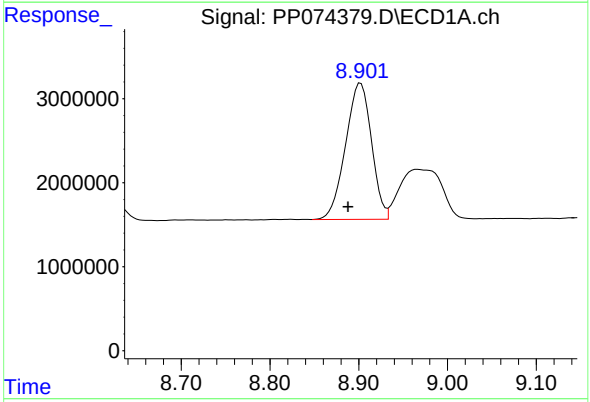
R.T.: 8.569 min
Delta R.T.: 0.007 min
Response: 47250122
Conc: 362.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



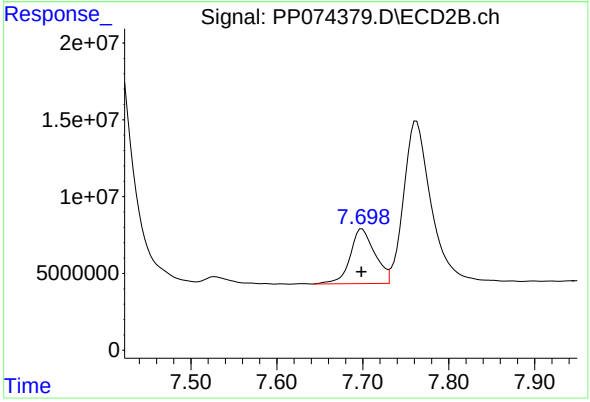
#37 AR-1262-2

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 137066761
Conc: 341.79 ng/ml



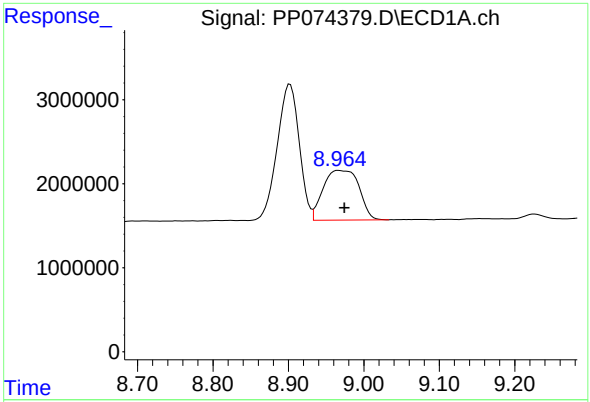
#38 AR-1262-3

R.T.: 8.902 min
Delta R.T.: 0.014 min
Response: 32925851
Conc: 350.01 ng/ml



#38 AR-1262-3

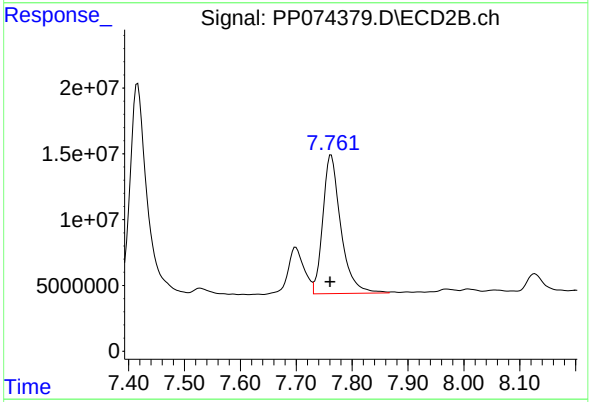
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 71145823
Conc: 197.92 ng/ml



#39 AR-1262-4

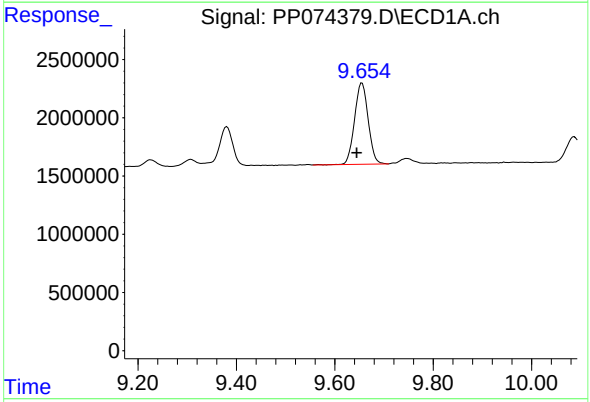
R.T.: 8.966 min
Delta R.T.: -0.008 min
Response: 19532685
Conc: 268.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



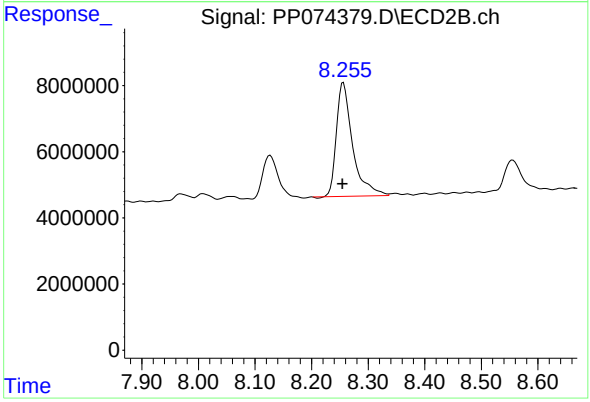
#39 AR-1262-4

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 236304666
Conc: 354.32 ng/ml



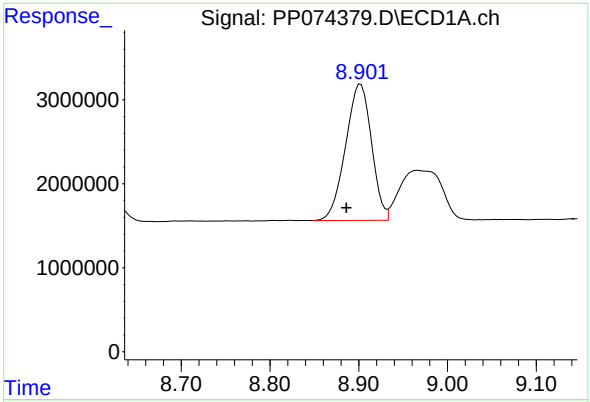
#40 AR-1262-5

R.T.: 9.655 min
Delta R.T.: 0.011 min
Response: 13473805
Conc: 264.59 ng/ml



#40 AR-1262-5

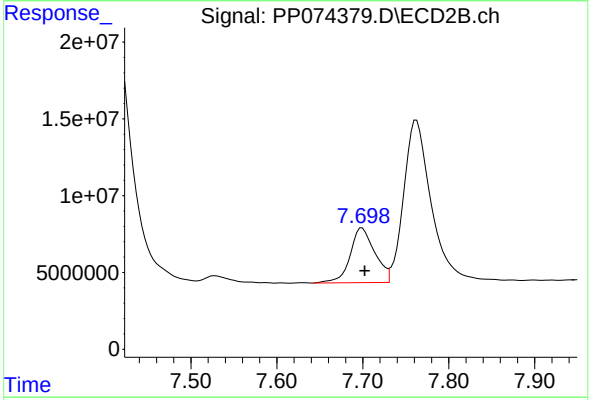
R.T.: 8.256 min
Delta R.T.: 0.001 min
Response: 68331156
Conc: 241.22 ng/ml



#41 AR-1268-1

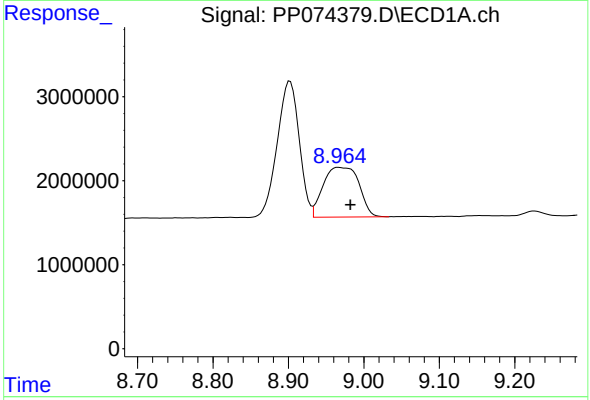
R.T.: 8.902 min
Delta R.T.: 0.016 min
Response: 32925851
Conc: 211.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



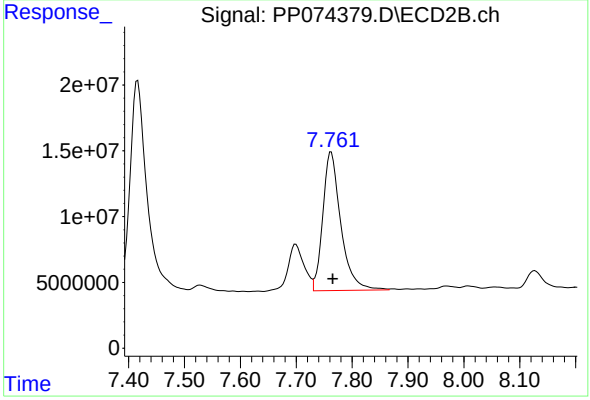
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.003 min
Response: 71145823
Conc: 65.26 ng/ml



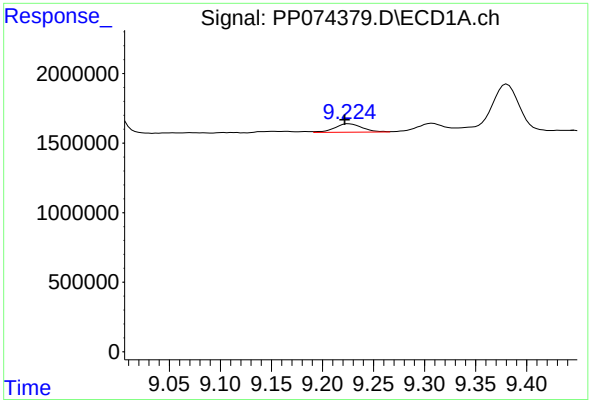
#42 AR-1268-2

R.T.: 8.966 min
Delta R.T.: -0.016 min
Response: 19532685
Conc: 136.19 ng/ml



#42 AR-1268-2

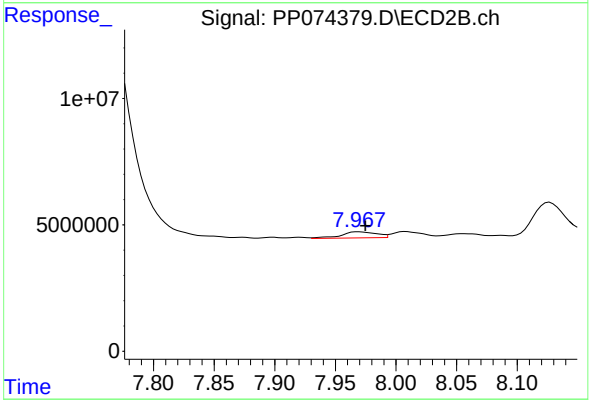
R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 236304666
Conc: 222.65 ng/ml



#43 AR-1268-3

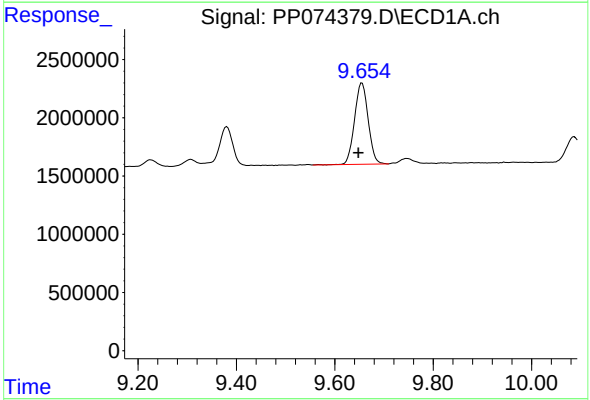
R.T.: 9.226 min
Delta R.T.: 0.004 min
Response: 1131131
Conc: 9.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



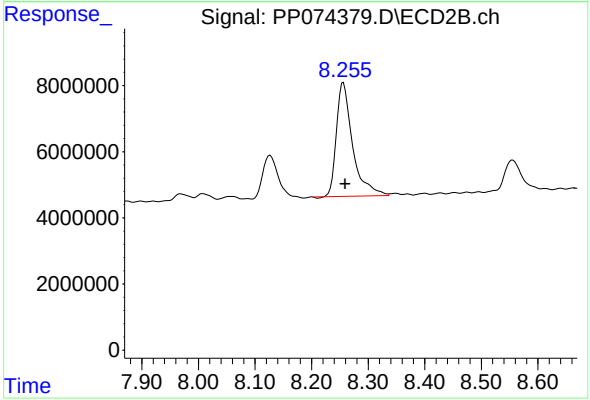
#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: -0.006 min
Response: 4915509
Conc: 5.91 ng/ml



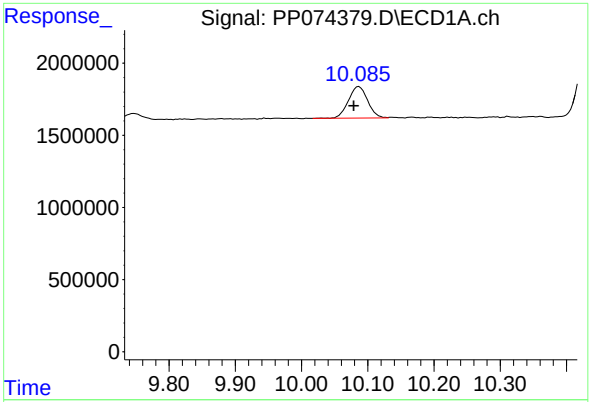
#44 AR-1268-4

R.T.: 9.655 min
Delta R.T.: 0.008 min
Response: 13473805
Conc: 229.10 ng/ml



#44 AR-1268-4

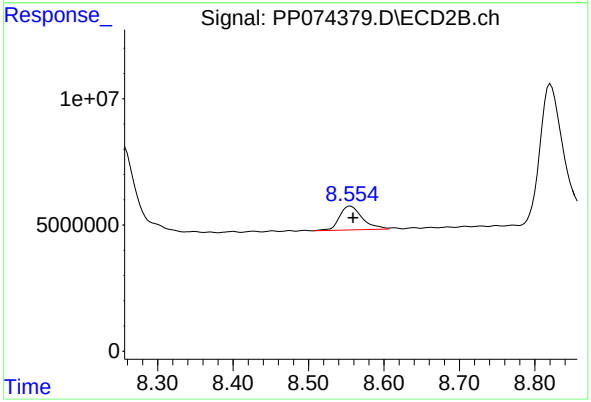
R.T.: 8.256 min
Delta R.T.: -0.003 min
Response: 68331156
Conc: 221.81 ng/ml



#45 AR-1268-5

R.T.: 10.087 min
Delta R.T.: 0.008 min
Response: 4395728
Conc: 12.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169224BSD



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: -0.004 min
Response: 20012561
Conc: 7.85 ng/ml