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Cover Page

Order ID : Q2747

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q2747-01	OU4-TS-GRILLO-OG2-073125
Q2747-02	OU4-TS-GRILLO-OG2-073125
Q2747-03	OU4-TS-GRILLO-OG3-073125
Q2747-04	OU4-TS-GRILLO-OG3-073125
Q2747-05	OU4-TS-GRILLO-OG4-073125
Q2747-06	OU4-TS-GRILLO-OG4-073125
Q2747-07	OU4-TS-GRILLO-TSCP01-073125
Q2747-08	OU4-TS-GRILLO-TSCP01-073125
Q2747-09	OU4-TS-GRILLO-TSCP02-073125
Q2747-10	OU4-TS-GRILLO-TSCP02-073125

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: 8/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2747**

	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: **PATEL VAISHALI** **Date:** **08/07/2025**

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LAB CHRONICLE

OrderID:	Q2747	**OrderDate:**	8/1/2025 10:40:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	O32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2747-01	**OU4-TS-GRILLO-OG2-073125**	**SOIL**			**07/31/25**			**08/01/25**
			PCB	8082A		08/04/25	08/05/25	
Q2747-03	**OU4-TS-GRILLO-OG3-073125**	**SOIL**			**07/31/25**			**08/01/25**
			PCB	8082A		08/04/25	08/04/25	
Q2747-05	**OU4-TS-GRILLO-OG4-073125**	**SOIL**			**07/31/25**			**08/01/25**
			PCB	8082A		08/04/25	08/04/25	
Q2747-07	**OU4-TS-GRILLO-TSCP 01-073125**	**SOIL**			**07/31/25**			**08/01/25**
			PCB	8082A		08/04/25	08/05/25	
Q2747-09	**OU4-TS-GRILLO-TSCP 02-073125**	**SOIL**			**07/31/25**			**08/01/25**
			PCB	8082A		08/04/25	08/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2747 **Order ID:** Q2747

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

QC
SUMMARY

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Surrogate Summary

SDG No.: Q2747

Client: Nobis Group

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-PO112722.D	PIBLK-PO112722.D	Tetrachloro-m-xyl	1	20	19.8	99		60	140
		Decachlorobiphen	1	20	19.2	96		60	140
		Tetrachloro-m-xyl	2	20	19.0	95		60	140
		Decachlorobiphen	2	20	19.5	98		60	140
Q2747-03	OU4-TS-GRILLO-OG3-073125	Tetrachloro-m-xyl	1	20	18.0	90		44	130
		Decachlorobiphen	1	20	12.8	64		60	125
		Tetrachloro-m-xyl	2	20	17.6	88		44	130
		Decachlorobiphen	2	20	13.8	69		60	125
Q2747-05	OU4-TS-GRILLO-OG4-073125	Tetrachloro-m-xyl	1	20	19.2	96		44	130
		Decachlorobiphen	1	20	14.0	70		60	125
		Tetrachloro-m-xyl	2	20	18.6	93		44	130
		Decachlorobiphen	2	20	14.9	74		60	125
I.BLK-PO112732.D	PIBLK-PO112732.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	18.3	92		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.5	98		60	140
I.BLK-PO112741.D	PIBLK-PO112741.D	Tetrachloro-m-xyl	1	20	20.8	104		60	140
		Decachlorobiphen	1	20	19.9	100		60	140
		Tetrachloro-m-xyl	2	20	19.7	99		60	140
		Decachlorobiphen	2	20	20.5	102		60	140
Q2747-01	OU4-TS-GRILLO-OG2-073125	Tetrachloro-m-xyl	1	20	17.0	85		44	130
		Decachlorobiphen	1	20	19.3	97		60	125
		Tetrachloro-m-xyl	2	20	16.6	83		44	130
		Decachlorobiphen	2	20	20.2	101		60	125
I.BLK-PO112748.D	PIBLK-PO112748.D	Tetrachloro-m-xyl	1	20	18.1	91		60	140
		Decachlorobiphen	1	20	17.8	89		60	140
		Tetrachloro-m-xyl	2	20	17.4	87		60	140
		Decachlorobiphen	2	20	18.3	91		60	140
I.BLK-PP074167.D	PIBLK-PP074167.D	Tetrachloro-m-xyl	1	20	19.1	95		35	137
		Decachlorobiphen	1	20	19.7	98		40	135
		Tetrachloro-m-xyl	2	20	17.3	86		35	137
		Decachlorobiphen	2	20	18.7	93		40	135
I.BLK-PP074206.D	PIBLK-PP074206.D	Tetrachloro-m-xyl	1	20	21.8	109		60	140
		Decachlorobiphen	1	20	21.4	107		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	18.3	91		60	140
PB169092BL	PB169092BL	Tetrachloro-m-xyl	1	20	22.5	113		44	130

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Surrogate Summary

SDG No.: Q2747

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB169092BL	PB169092BL	Decachlorobiphen	1	20	22.7	113		60	125
		Tetrachloro-m-xyl	2	20	19.0	95		44	130
		Decachlorobiphen	2	20	19.4	97		60	125
PB169092BS	PB169092BS	Tetrachloro-m-xyl	1	20	23.9	119		44	130
		Decachlorobiphen	1	20	23.4	117		60	125
		Tetrachloro-m-xyl	2	20	20.3	101		44	130
		Decachlorobiphen	2	20	20.4	102		60	125
Q2753-01MS	289MS	Tetrachloro-m-xyl	1	20	25.1	126		44	130
		Decachlorobiphen	1	20	21.5	107		60	125
		Tetrachloro-m-xyl	2	20	20.9	105		44	130
		Decachlorobiphen	2	20	18.8	94		60	125
Q2753-01MSD	289MSD	Tetrachloro-m-xyl	1	20	25.3	126		44	130
		Decachlorobiphen	1	20	20.7	104		60	125
		Tetrachloro-m-xyl	2	20	21.6	108		44	130
		Decachlorobiphen	2	20	18.4	92		60	125
I.BLK-PP074217.D	PIBLK-PP074217.D	Tetrachloro-m-xyl	1	20	21.9	110		60	140
		Decachlorobiphen	1	20	21.8	109		60	140
		Tetrachloro-m-xyl	2	20	18.3	91		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
I.BLK-PP074220.D	PIBLK-PP074220.D	Tetrachloro-m-xyl	1	20	22.4	112		60	140
		Decachlorobiphen	1	20	22.1	110		60	140
		Tetrachloro-m-xyl	2	20	19.1	96		60	140
		Decachlorobiphen	2	20	19.7	98		60	140
Q2747-07	OU4-TS-GRILLO-TSCP01-0731	Tetrachloro-m-xyl	1	20	17.0	85		44	130
		Decachlorobiphen	1	20	21.1	106		60	125
		Tetrachloro-m-xyl	2	20	13.6	68		44	130
		Decachlorobiphen	2	20	18.3	92		60	125
Q2747-09	OU4-TS-GRILLO-TSCP02-0731	Tetrachloro-m-xyl	1	20	16.8	84		44	130
		Decachlorobiphen	1	20	17.5	88		60	125
		Tetrachloro-m-xyl	2	20	12.1	61		44	130
		Decachlorobiphen	2	20	14.5	72		60	125
I.BLK-PP074227.D	PIBLK-PP074227.D	Tetrachloro-m-xyl	1	20	22.4	112		60	140
		Decachlorobiphen	1	20	21.8	109		60	140
		Tetrachloro-m-xyl	2	20	19.0	95		60	140
		Decachlorobiphen	2	20	19.3	96		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2747 **Analytical Method:** 8082A

Client: Nobis Group **DataFile :** PP074211.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2753-01MS (Column 1)**	**Client Sample ID:**		**289MS**								
	AR1016	179.9	0	188	ug/kg	105				47	134	
	AR1260	179.9	0	181	ug/kg	101				53	140	
Lab Sample ID:	**Q2753-01MS (Column 2)**	**Client Sample ID:**		**289MS**								
	AR1016	179.9	0	190	ug/kg	106				47	134	
	AR1260	179.9	0	181	ug/kg	101				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2747 **Analytical Method:** 8082A

Client: Nobis Group **DataFile :** PP074212.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2753-01MSD (Column 1)**	**Client Sample ID:**		**289MSD**								
	AR1016	179.8	0	182	ug/kg	101		4		47	134	20
	AR1260	179.8	0	181	ug/kg	101		0		53	140	20
Lab Sample ID:	**Q2753-01MSD (Column 2)**	**Client Sample ID:**		**289MSD**								
	AR1016	179.8	0	182	ug/kg	101		5		47	134	20
	AR1260	179.8	0	181	ug/kg	101		0		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2747 **Analytical Method:** 8082A

Client: Nobis Group **Datafile :** PP074209.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169092BS (Column 1)	AR1016	166.5	178	ug/kg	107				47	134	
	AR1260	166.5	164	ug/kg	98				53	140	
PB169092BS (Column 2)	AR1016	166.5	171	ug/kg	103				47	134	
	AR1260	166.5	162	ug/kg	97				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169092BL

Lab Name: Alliance | Contract: NOBI03

Lab Code: ACE | SDG NO.: Q2747

Lab Sample ID: PB169092BL | Lab File ID: PP074208.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/04/2025

Date Analyzed (1): 08/04/2025 | Date Analyzed (2): 08/04/2025

Time Analyzed (1): 12:36 | Time Analyzed (2): 12:36

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
OU4-TS-GRILLO-OG3-073125	Q2747-03	PO112724.D	08/04/2025	08/04/2025
OU4-TS-GRILLO-OG4-073125	Q2747-05	PO112725.D	08/04/2025	08/04/2025
OU4-TS-GRILLO-OG2-073125	Q2747-01	PO112743.D	08/05/2025	08/05/2025
PB169092BS	PB169092BS	PP074209.D	08/04/2025	08/04/2025
289MS	Q2753-01MS	PP074211.D	08/04/2025	08/04/2025
289MSD	Q2753-01MSD	PP074212.D	08/04/2025	08/04/2025
OU4-TS-GRILLO-TSCP01-073125	Q2747-07	PP074222.D	08/05/2025	08/05/2025
OU4-TS-GRILLO-TSCP02-073125	Q2747-09	PP074223.D	08/05/2025	08/05/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PO112743.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-OG2-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112743.D	1	08/04/25 08:55	08/05/25 09:28	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.9	U	5.20	10.9	22.4	ug/kg
11104-28-2	Aroclor-1221	17.1	U	5.30	17.1	22.4	ug/kg
11141-16-5	Aroclor-1232	10.9	U	4.90	10.9	22.4	ug/kg
53469-21-9	Aroclor-1242	10.9	U	5.30	10.9	22.4	ug/kg
12672-29-6	Aroclor-1248	17.1	U	7.80	17.1	22.4	ug/kg
11097-69-1	Aroclor-1254	10.9	U	4.20	10.9	22.4	ug/kg
37324-23-5	Aroclor-1262	17.1	U	6.60	17.1	22.4	ug/kg
11100-14-4	Aroclor-1268	10.9	U	4.70	10.9	22.4	ug/kg
11096-82-5	Aroclor-1260	10.9	U	4.30	10.9	22.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.0		44 - 130		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		60 - 125		101%	SPK: 20

Comments:

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

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

Sample Results: **PO112743.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:28
Operator : YP/AJ
Sample : Q2747-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:06:54 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...	3.667	3.659	138.3E6	82471042	17.011	16.597
2)	SA Decachlor...	8.686	8.633	141.2E6	35757195	19.311m	20.235
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:28
Operator : YP/AJ
Sample : Q2747-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

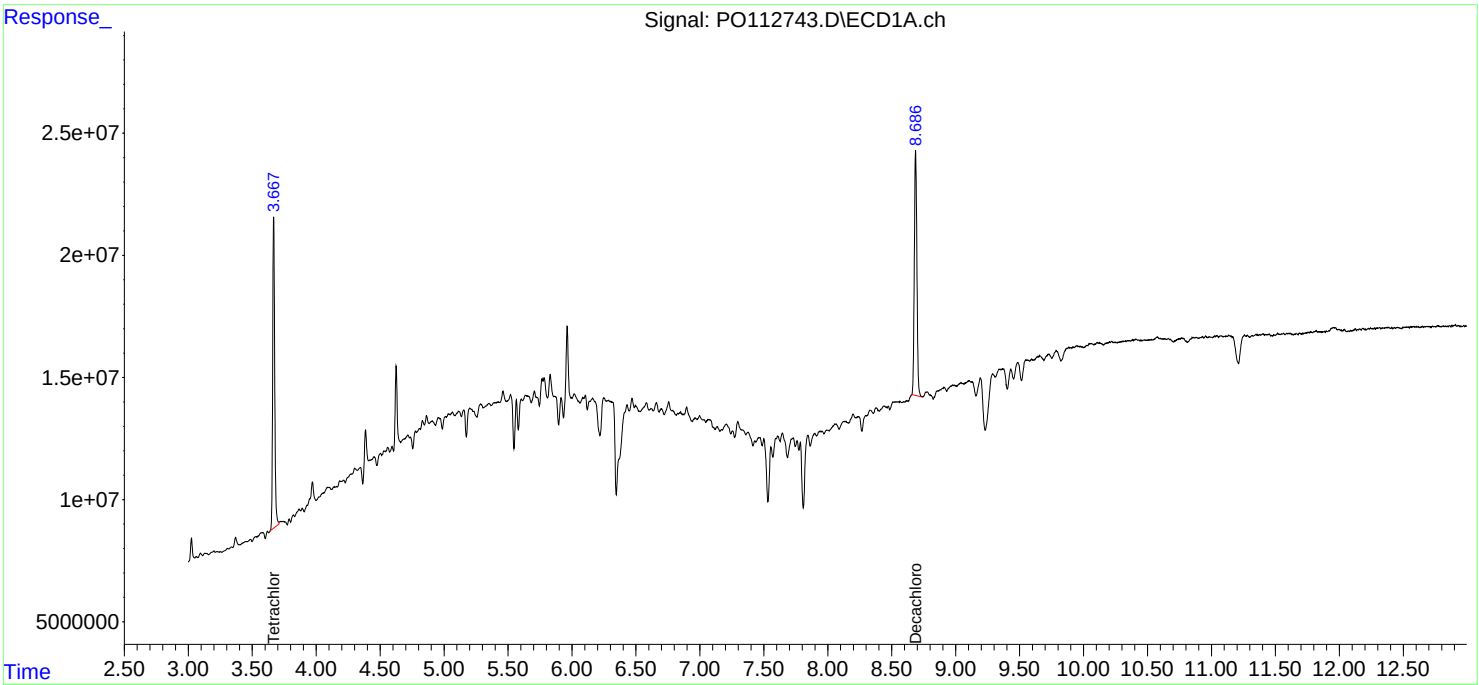
Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125

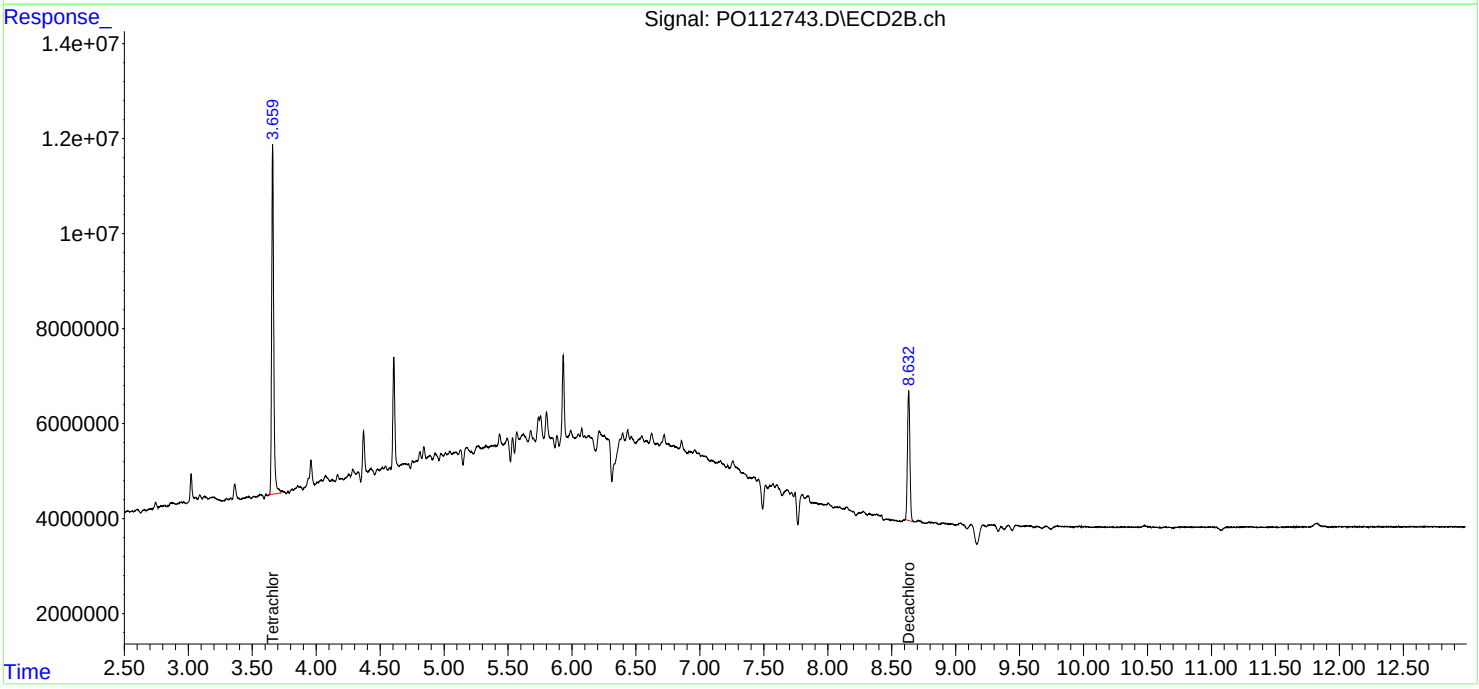
Manual Integrations APPROVED

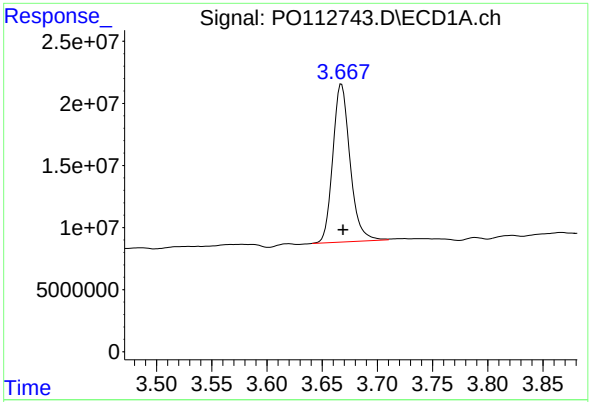
Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:06:54 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







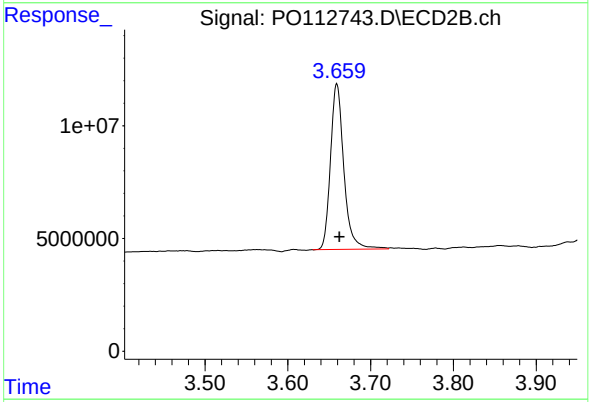
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 138327343
Conc: 17.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125

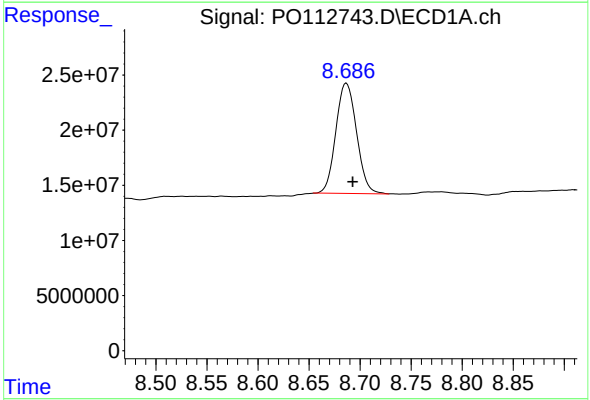
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



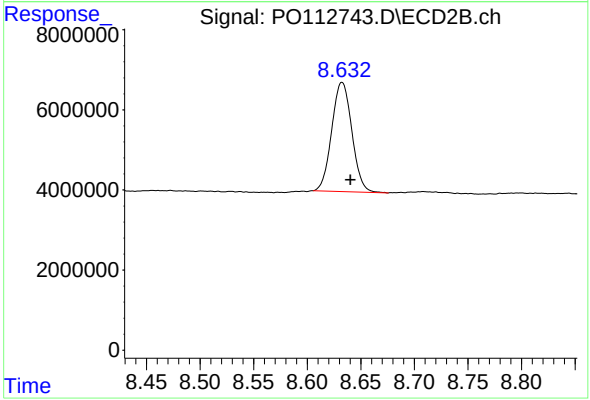
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 82471042
Conc: 16.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 141201044
Conc: 19.31 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 35757195
Conc: 20.23 ng/ml

Raw Data: **PO112724.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-OG3-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	77.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112724.D	1	08/04/25 08:55	08/04/25 14:01	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.7	U	5.10	10.7	21.8	ug/kg
11104-28-2	Aroclor-1221	16.7	U	5.20	16.7	21.8	ug/kg
11141-16-5	Aroclor-1232	10.7	U	4.80	10.7	21.8	ug/kg
53469-21-9	Aroclor-1242	10.7	U	5.20	10.7	21.8	ug/kg
12672-29-6	Aroclor-1248	16.7	U	7.60	16.7	21.8	ug/kg
11097-69-1	Aroclor-1254	10.7	U	4.10	10.7	21.8	ug/kg
37324-23-5	Aroclor-1262	16.7	U	6.50	16.7	21.8	ug/kg
11100-14-4	Aroclor-1268	10.7	U	4.60	10.7	21.8	ug/kg
11096-82-5	Aroclor-1260	10.7	U	4.20	10.7	21.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.0		44 - 130		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		60 - 125		69%	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: **PO112724.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 14:01
Operator : YP/AJ
Sample : Q2747-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG3-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:47:38 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...	3.667	3.659	146.0E6	87708616	17.958	17.651
2)	SA Decachlor...	8.688	8.635	93448692	24312710	12.781	13.758
	Target Compounds						

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

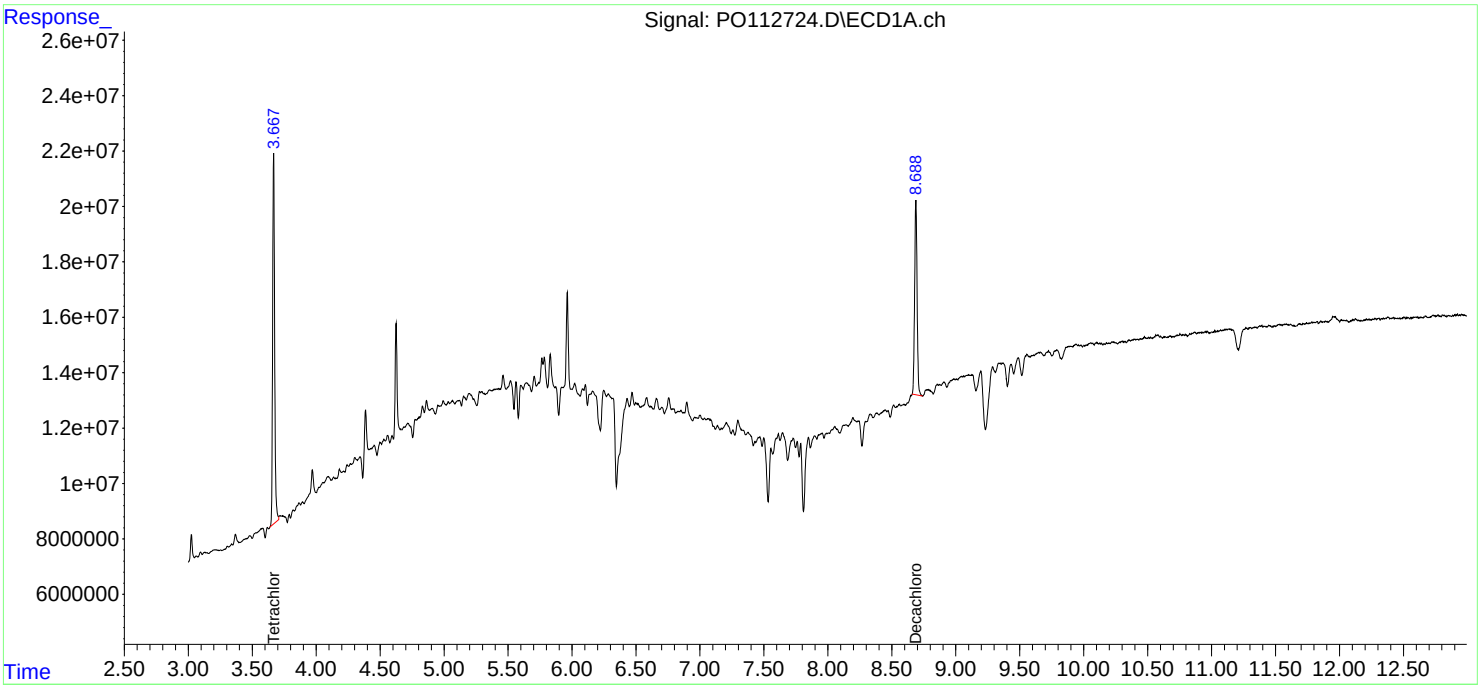
Sample Results: **PO112724.D**

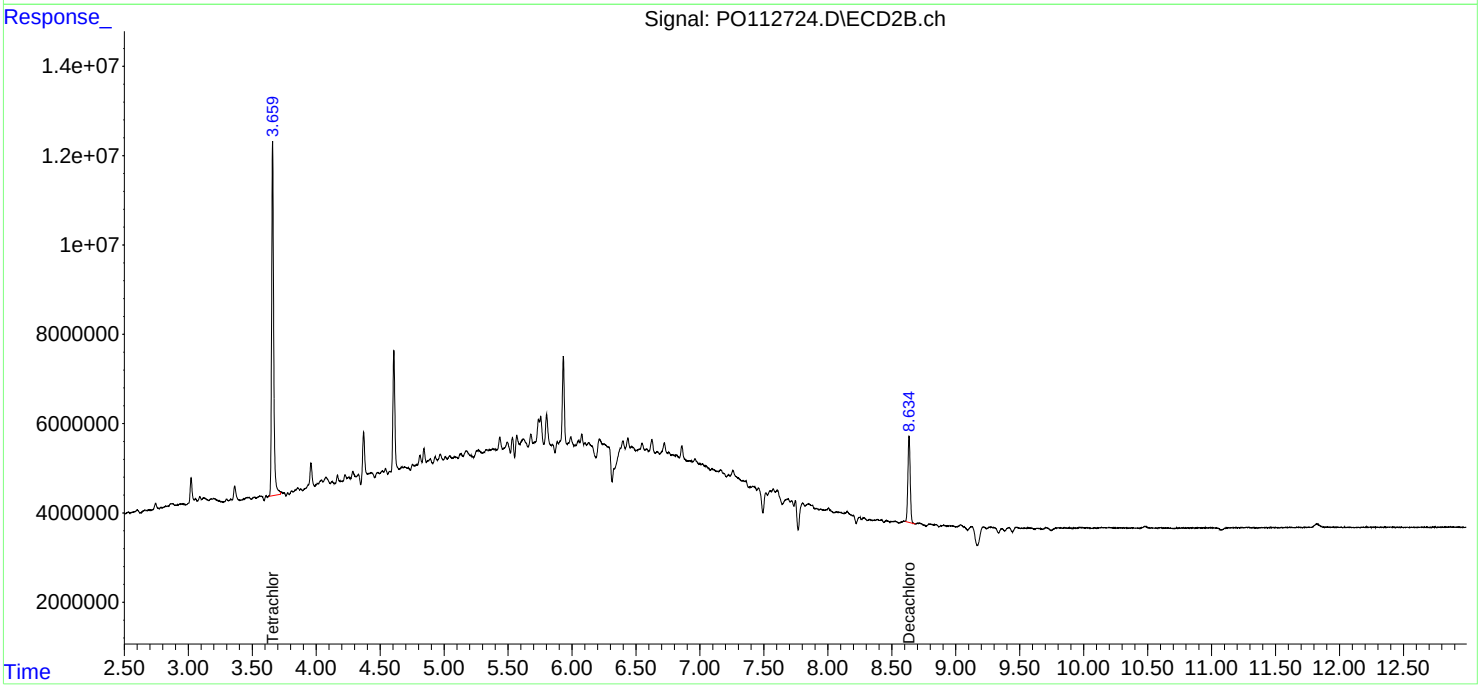
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 14:01
Operator : YP/AJ
Sample : Q2747-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

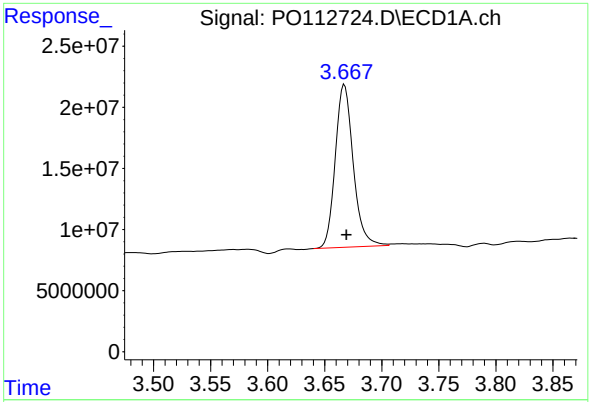
Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG3-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:47:38 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



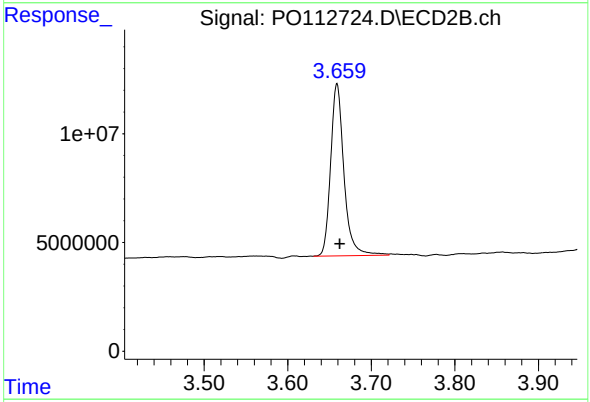




#1 Tetrachloro-m-xylene

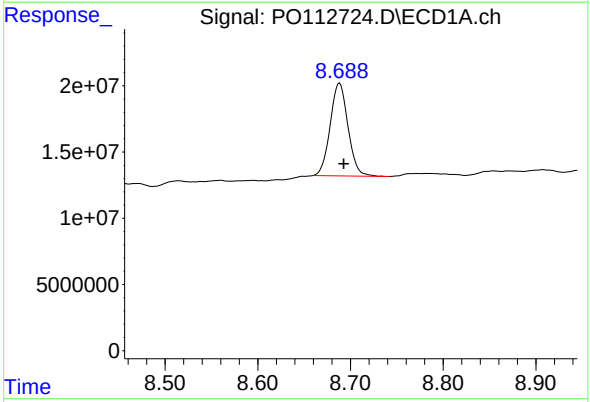
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 146025652
Conc: 17.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



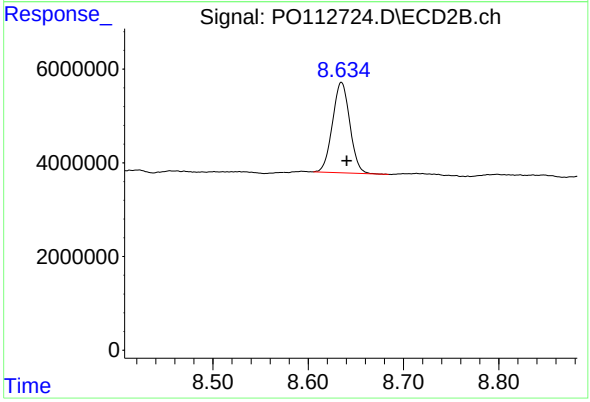
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 87708616
Conc: 17.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.004 min
Response: 93448692
Conc: 12.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.635 min
Delta R.T.: -0.006 min
Response: 24312710
Conc: 13.76 ng/ml

Raw Data: **PO112725.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-OG4-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112725.D	1	08/04/25 08:55	08/04/25 14:19	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.3	U	4.90	10.3	21.1	ug/kg
11104-28-2	Aroclor-1221	16.1	U	5.00	16.1	21.1	ug/kg
11141-16-5	Aroclor-1232	10.3	U	4.60	10.3	21.1	ug/kg
53469-21-9	Aroclor-1242	10.3	U	5.00	10.3	21.1	ug/kg
12672-29-6	Aroclor-1248	16.1	U	7.30	16.1	21.1	ug/kg
11097-69-1	Aroclor-1254	10.3	U	4.00	10.3	21.1	ug/kg
37324-23-5	Aroclor-1262	16.1	U	6.20	16.1	21.1	ug/kg
11100-14-4	Aroclor-1268	10.3	U	4.50	10.3	21.1	ug/kg
11096-82-5	Aroclor-1260	10.3	U	4.00	10.3	21.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		44 - 130		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.9		60 - 125		74%	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\PO080425\
Data File : PO112725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 14:19
Operator : YP/AJ
Sample : Q2747-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG4-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:48:18 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...	3.668	3.660	155.8E6	92496253	19.158	18.614
2)	SA Decachlor...	8.688	8.634	102.0E6	26310702	13.956	14.889
	Target Compounds						

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

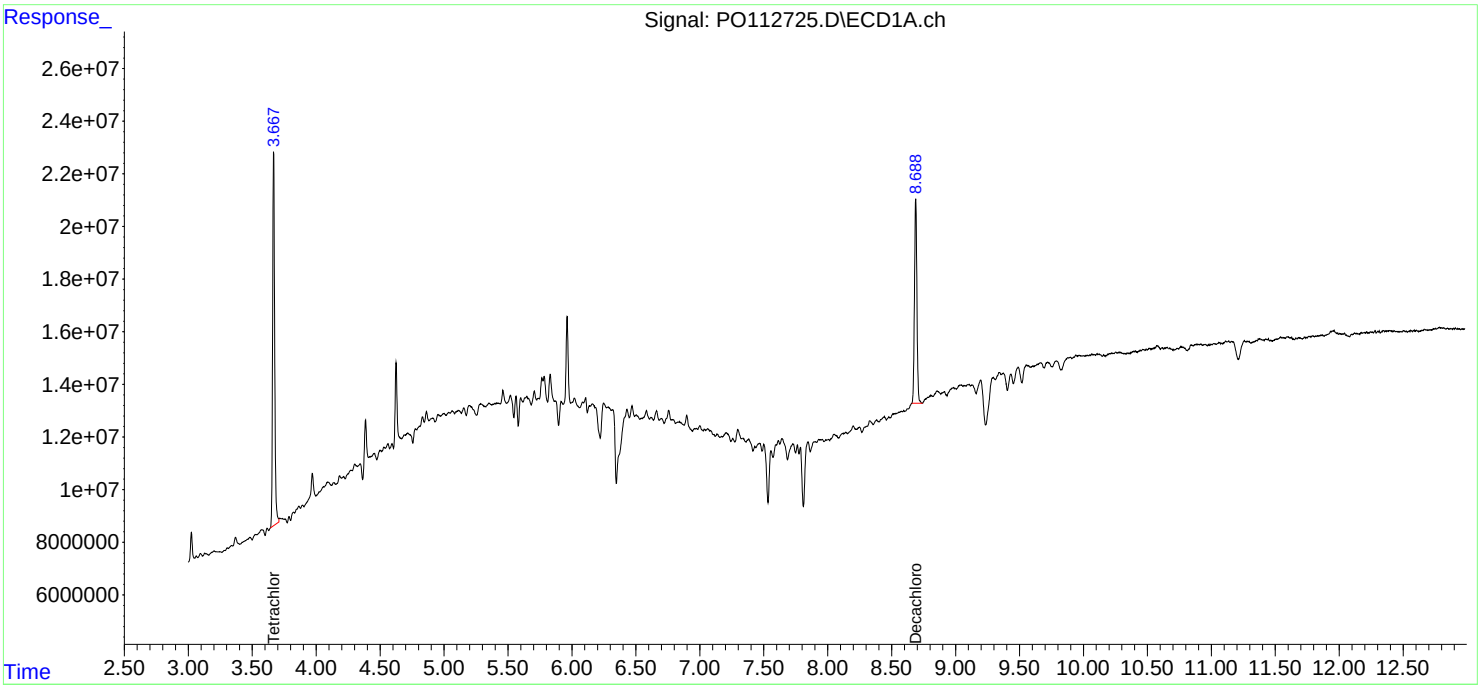
Sample Results: **PO112725.D**

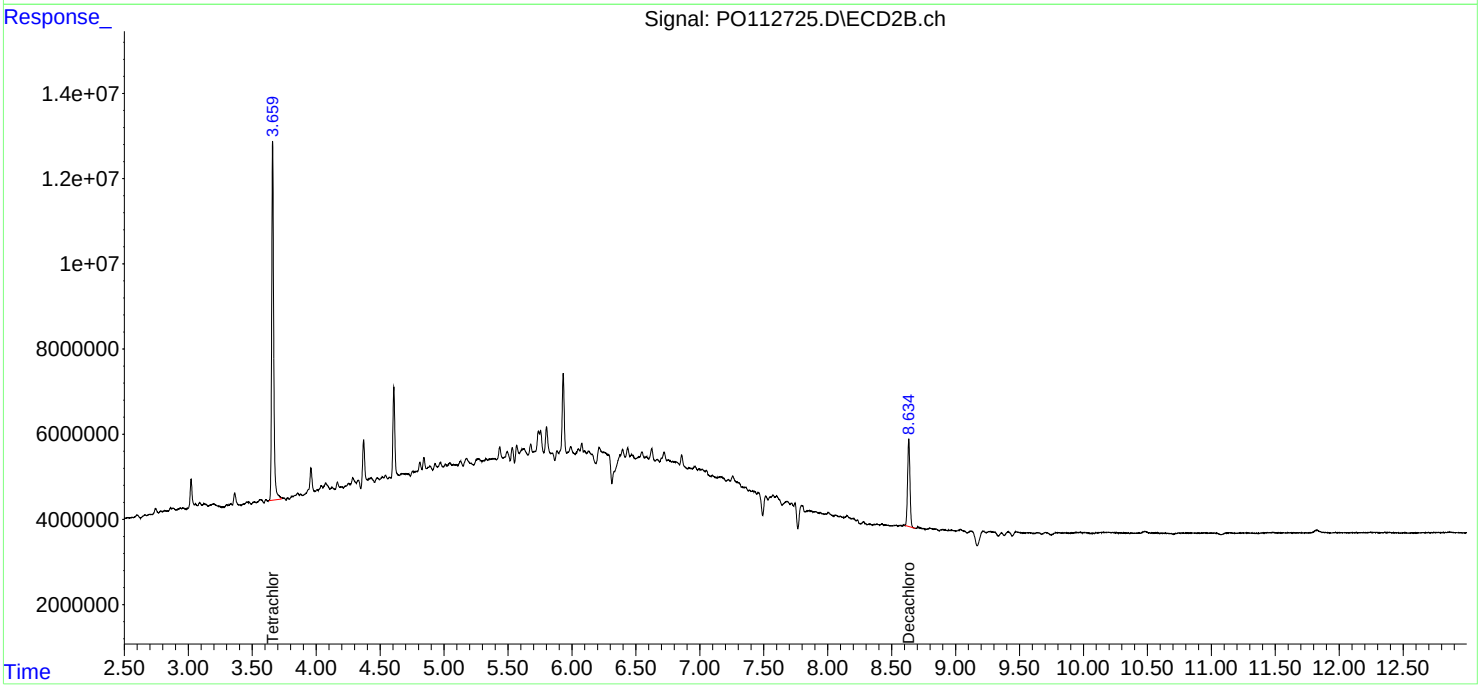
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 14:19
Operator : YP/AJ
Sample : Q2747-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

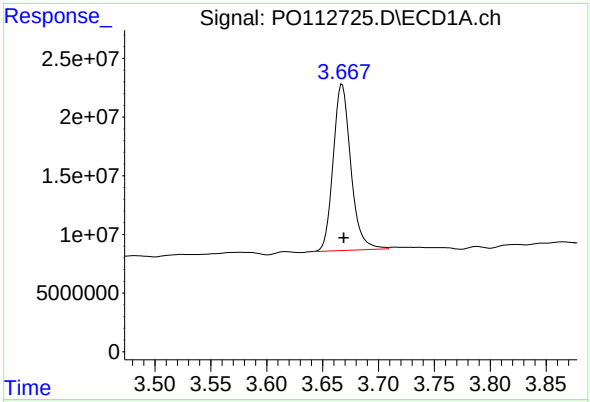
Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG4-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:48:18 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



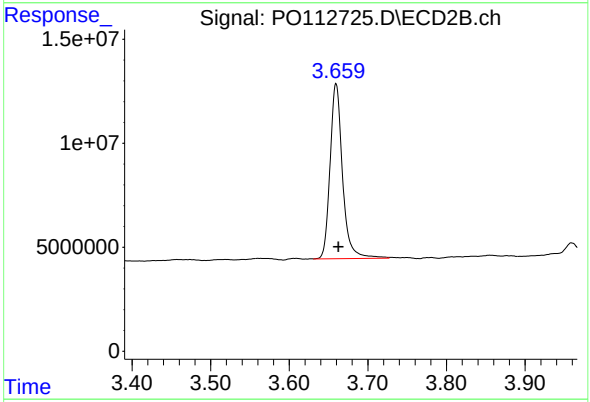




#1 Tetrachloro-m-xylene

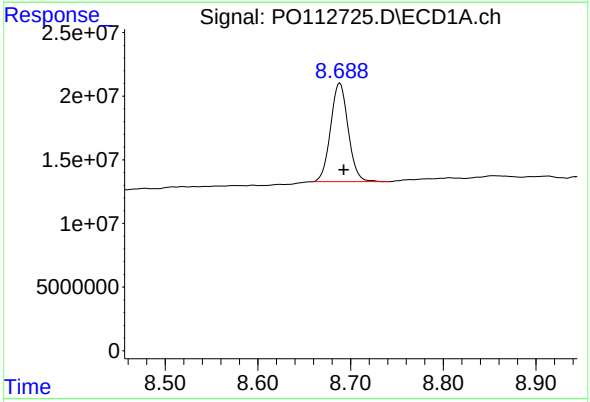
R.T.: 3.668 min
Delta R.T.: -0.002 min
Response: 155787459
Conc: 19.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG4-073125



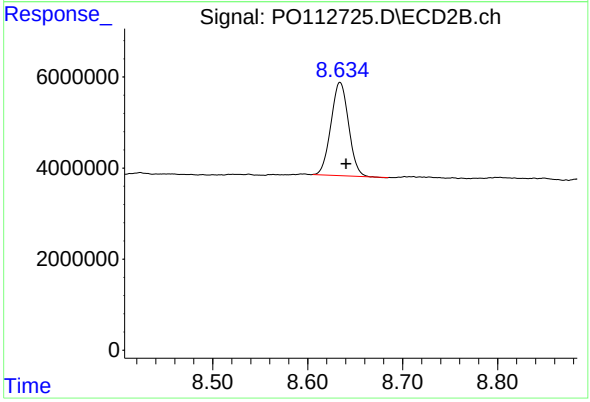
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 92496253
Conc: 18.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.004 min
Response: 102046195
Conc: 13.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 26310702
Conc: 14.89 ng/ml

Raw Data: **PP074222.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-TSCP01-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	66.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074222.D	1	08/04/25 08:55	08/05/25 09:29	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.5	U	5.90	12.5	25.6	ug/kg
11104-28-2	Aroclor-1221	19.6	U	6.10	19.6	25.6	ug/kg
11141-16-5	Aroclor-1232	12.5	U	5.60	12.5	25.6	ug/kg
53469-21-9	Aroclor-1242	12.5	U	6.00	12.5	25.6	ug/kg
12672-29-6	Aroclor-1248	19.6	U	8.90	19.6	25.6	ug/kg
11097-69-1	Aroclor-1254	12.5	U	4.80	12.5	25.6	ug/kg
37324-23-5	Aroclor-1262	19.6	U	7.60	19.6	25.6	ug/kg
11100-14-4	Aroclor-1268	12.5	U	5.40	12.5	25.6	ug/kg
11096-82-5	Aroclor-1260	12.5	U	4.90	12.5	25.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.0		44 - 130		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		60 - 125		106%	SPK: 20

Comments:

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

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

Sample Results: **PP074222.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:29
Operator : YP\AJ
Sample : Q2747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP01-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:42:14 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	3.803	19042671	51953189	17.028	13.549
2)	SA Decachlor...	10.428	8.820	20504396	110.3E6	21.113	18.336
	Target Compounds						

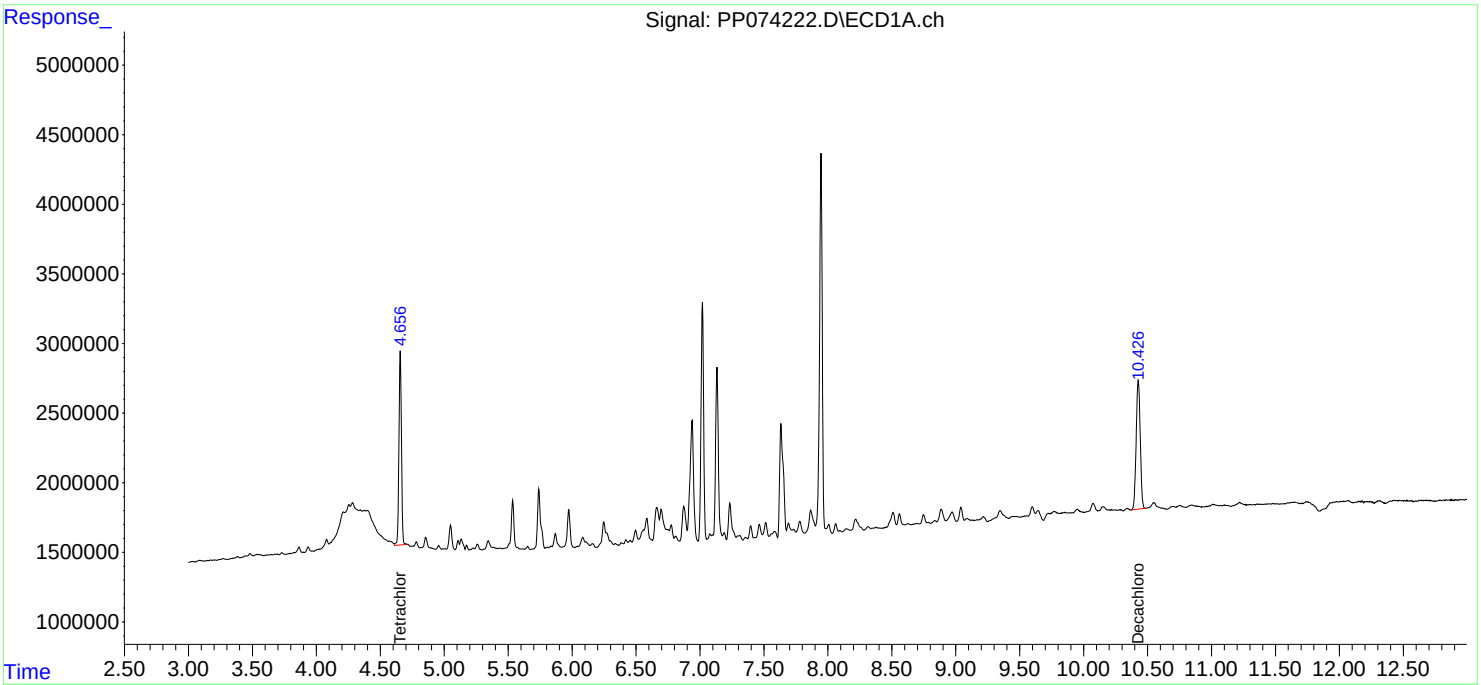
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

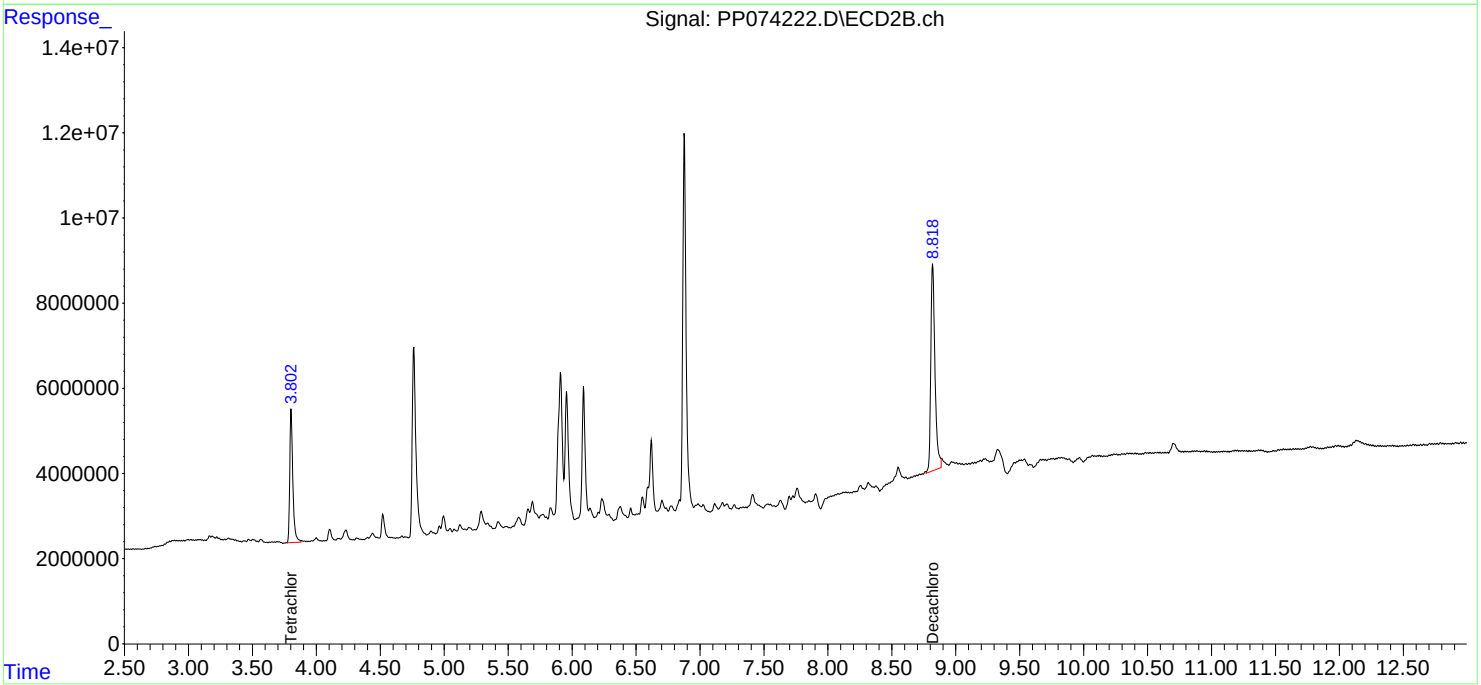
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:29
Operator : YP\AJ
Sample : Q2747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

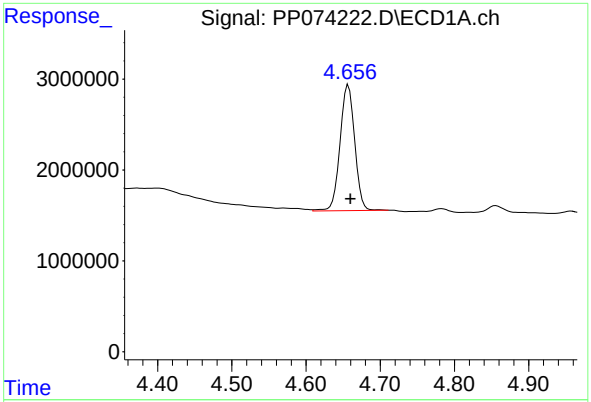
Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP01-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:42:14 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



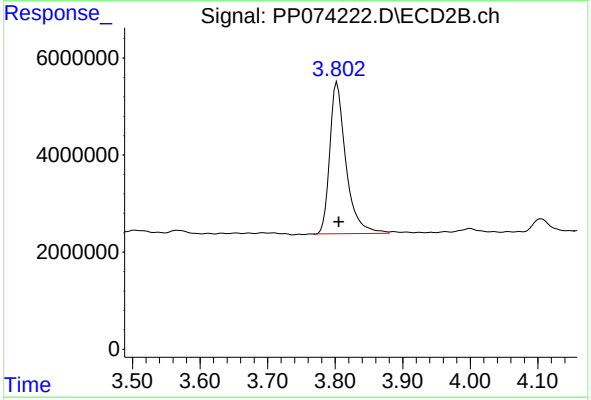




#1 Tetrachloro-m-xylene

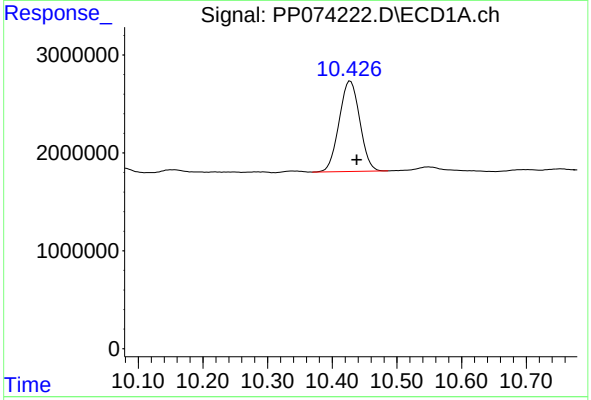
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 19042671
Conc: 17.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP01-073125



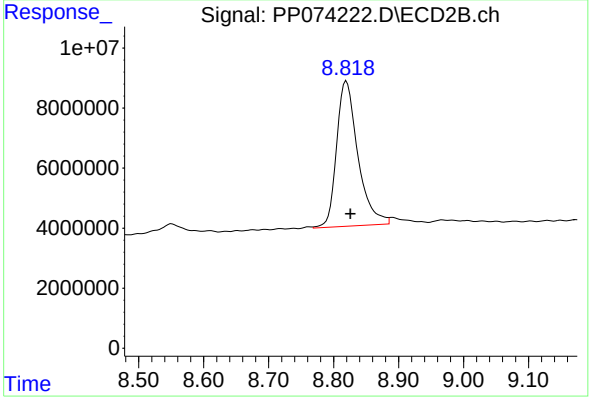
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 51953189
Conc: 13.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.010 min
Response: 20504396
Conc: 21.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 110264373
Conc: 18.34 ng/ml

Raw Data: **PP074223.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-TSCP02-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	63.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074223.D	1	08/04/25 08:55	08/05/25 09:46	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.0	U	6.20	13.0	26.6	ug/kg
11104-28-2	Aroclor-1221	20.4	U	6.30	20.4	26.6	ug/kg
11141-16-5	Aroclor-1232	13.0	U	5.80	13.0	26.6	ug/kg
53469-21-9	Aroclor-1242	13.0	U	6.30	13.0	26.6	ug/kg
12672-29-6	Aroclor-1248	20.4	U	9.30	20.4	26.6	ug/kg
11097-69-1	Aroclor-1254	13.0	U	5.00	13.0	26.6	ug/kg
37324-23-5	Aroclor-1262	20.4	U	7.90	20.4	26.6	ug/kg
11100-14-4	Aroclor-1268	13.0	U	5.60	13.0	26.6	ug/kg
11096-82-5	Aroclor-1260	13.0	U	5.10	13.0	26.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.8		44 - 130		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		60 - 125		88%	SPK: 20

Comments:

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

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

Sample Results: **PP074223.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:46
Operator : YP\AJ
Sample : Q2747-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:42:45 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...	4.654	3.800	18795670	46396708	16.807	12.100 #
2)	SA Decachlor...	10.426	8.817	16995858	87068997	17.501	14.479
	Target Compounds						

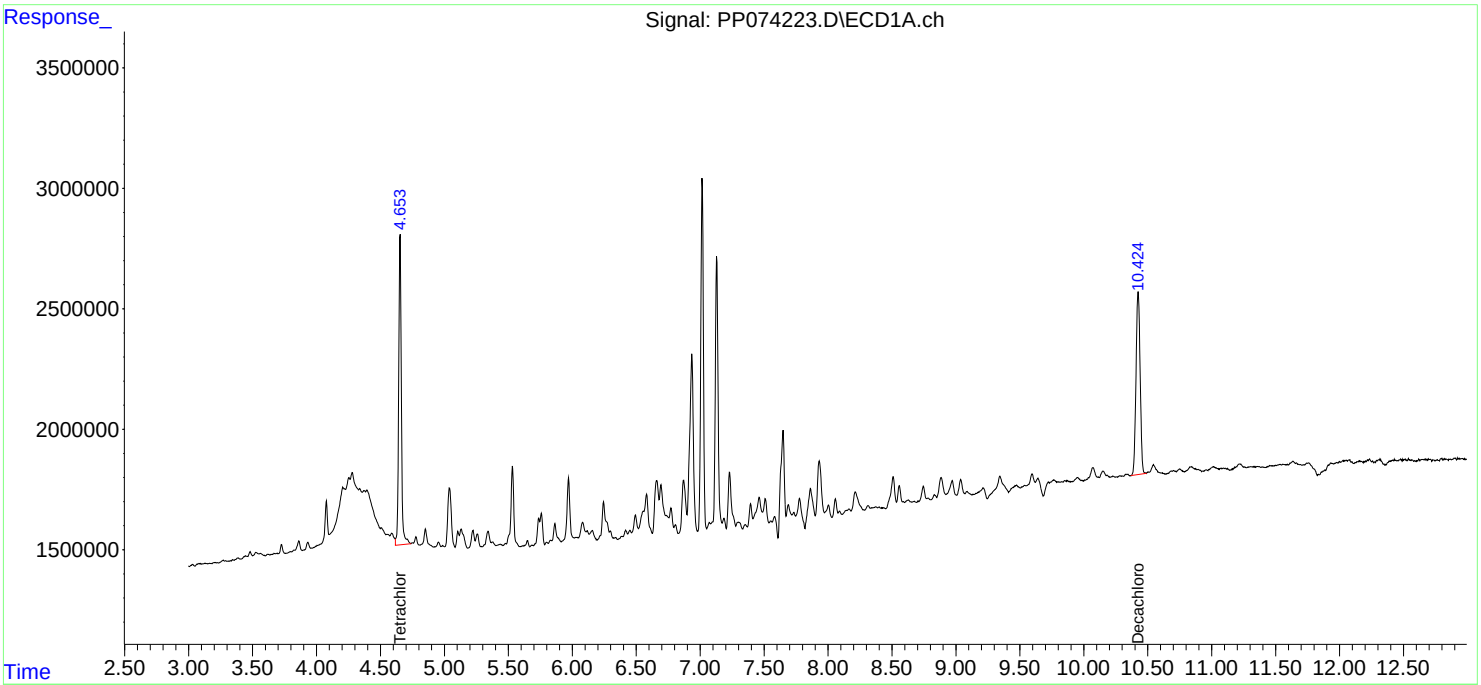
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

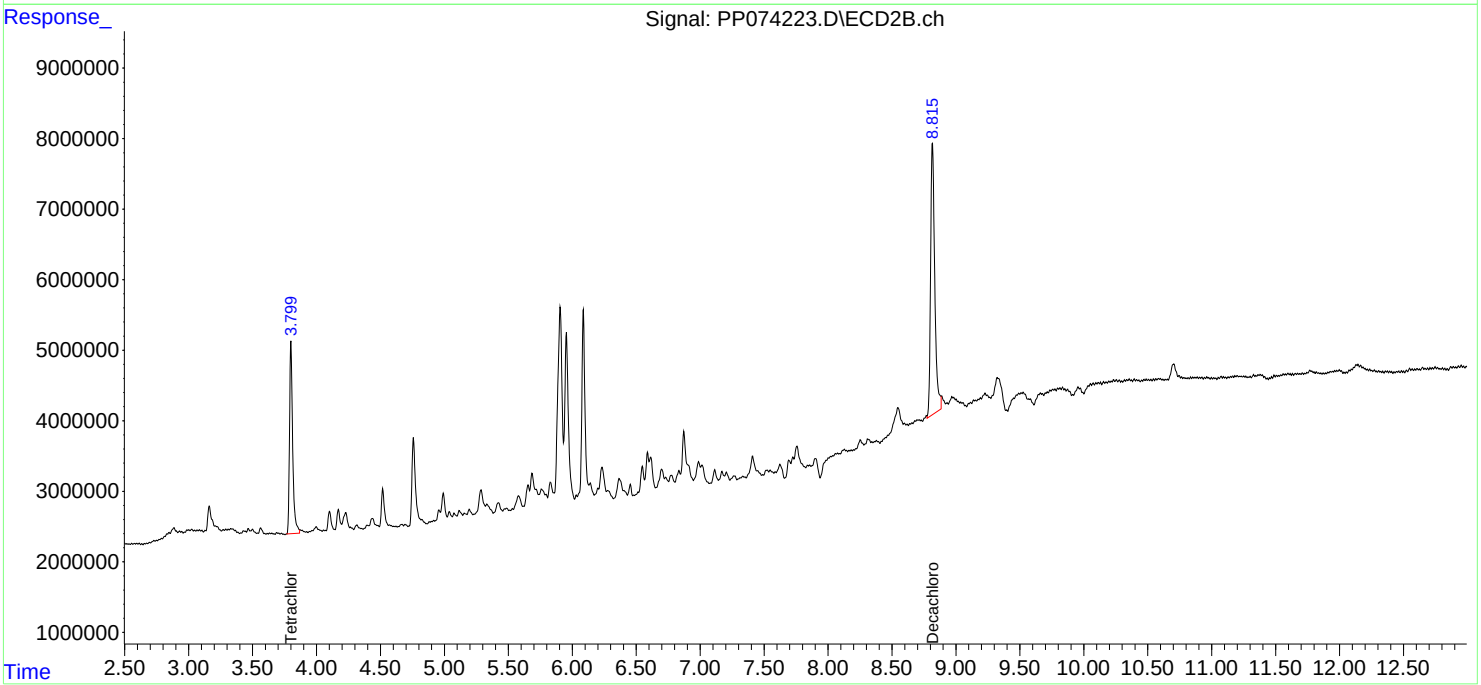
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:46
Operator : YP\AJ
Sample : Q2747-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

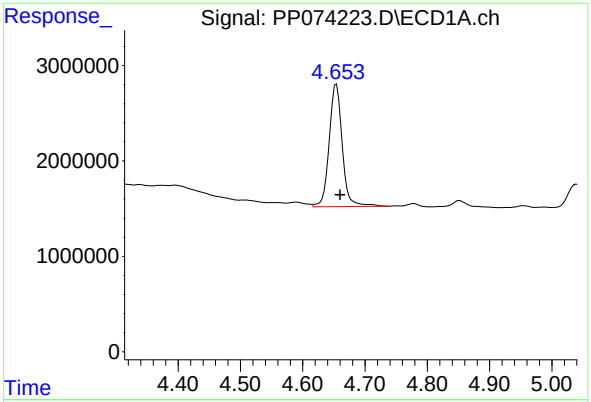
Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:42:45 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



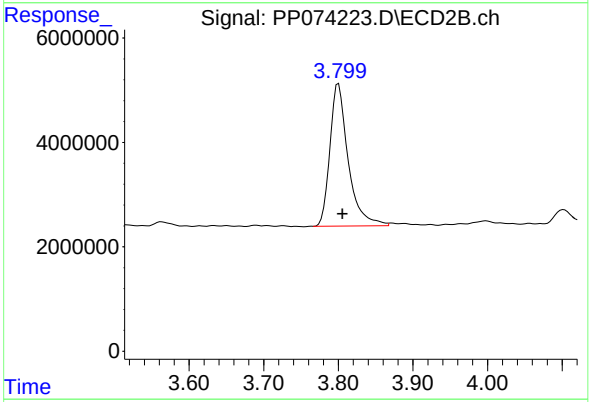




#1 Tetrachloro-m-xylene

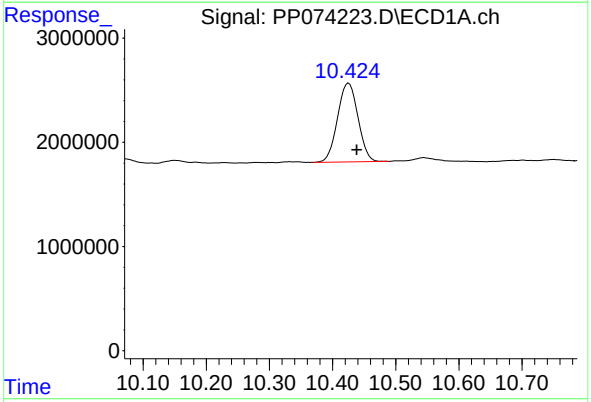
R.T.: 4.654 min
Delta R.T.: -0.006 min
Response: 18795670
Conc: 16.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



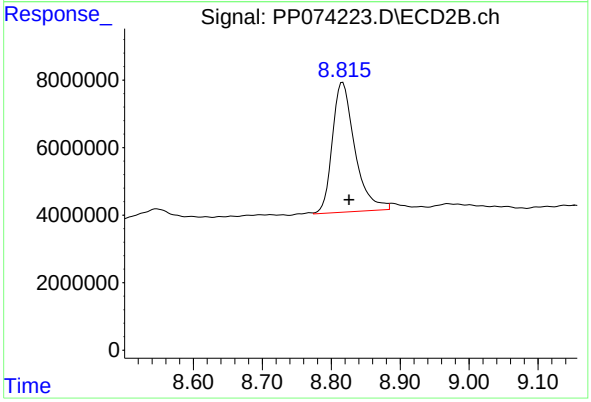
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 46396708
Conc: 12.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.012 min
Response: 16995858
Conc: 17.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: -0.009 min
Response: 87068997
Conc: 14.48 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
Lab Code: ACE
Instrument ID: ECD_O
Contract: NOBI03
SDG NO.: Q2747
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:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

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

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RETENTION TIMES OF INITIAL CALIBRATION

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

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: NOBI03
SDG NO.: Q2747
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

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

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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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

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

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

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.

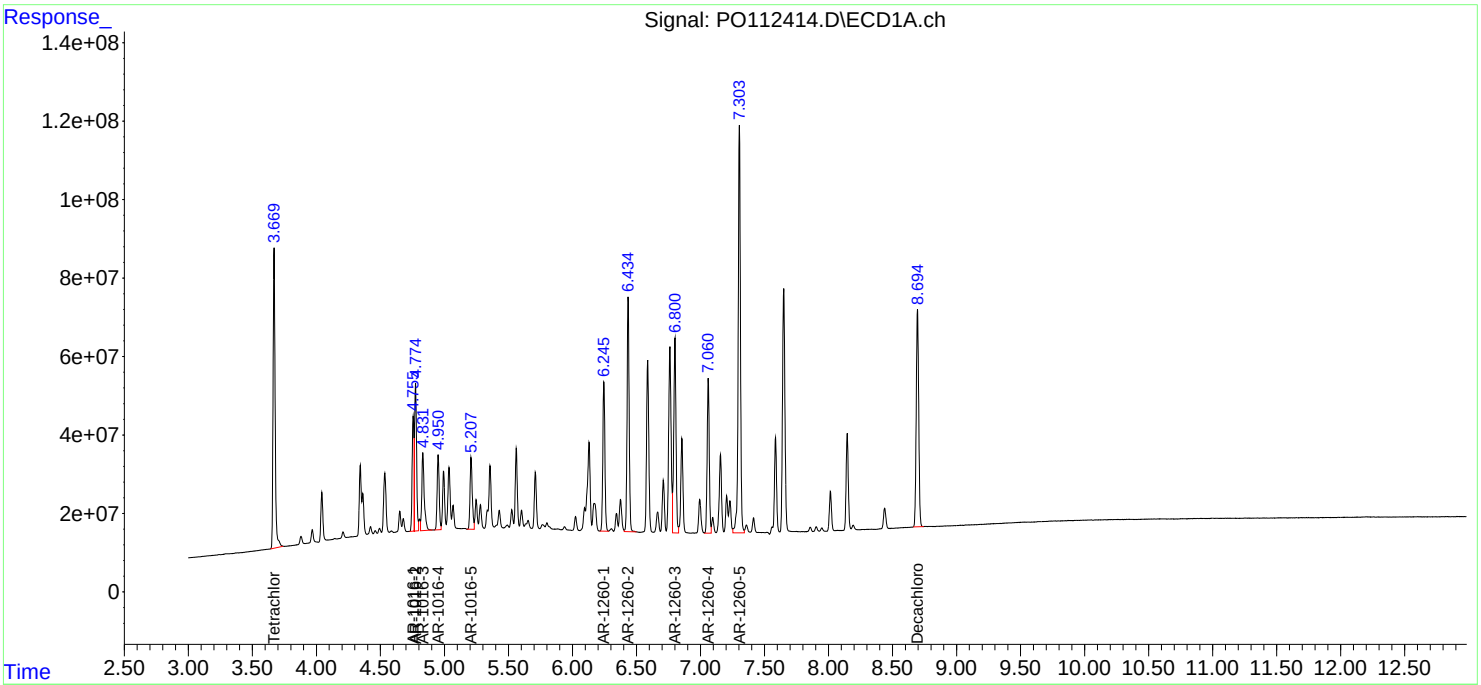
ICAL Form

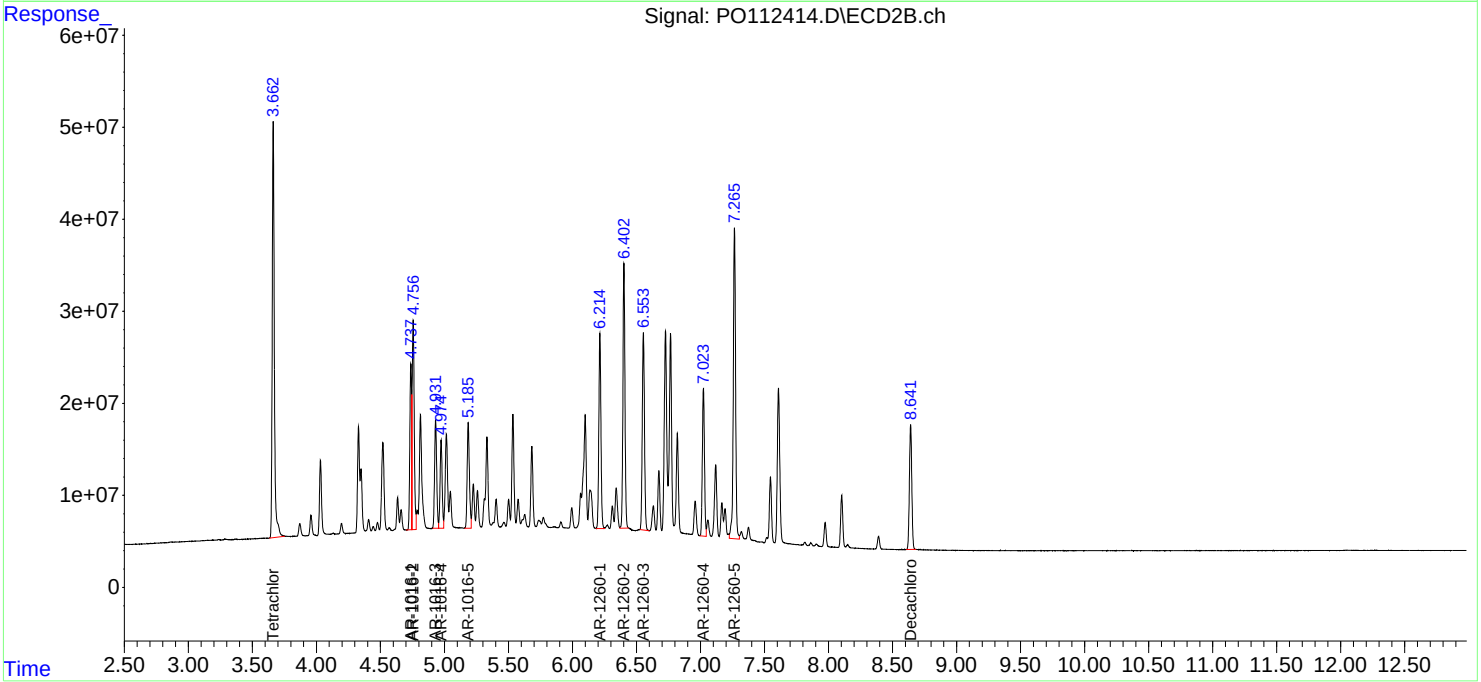
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:32
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

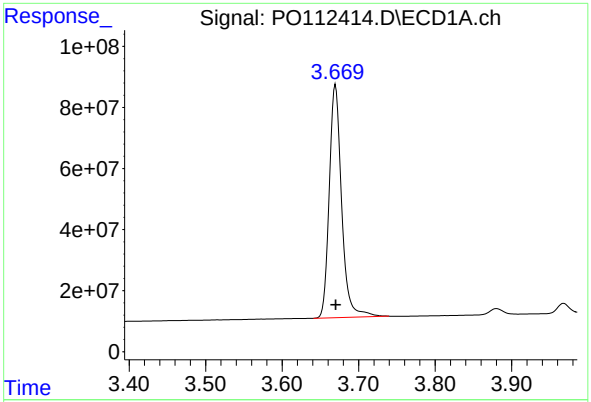
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

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



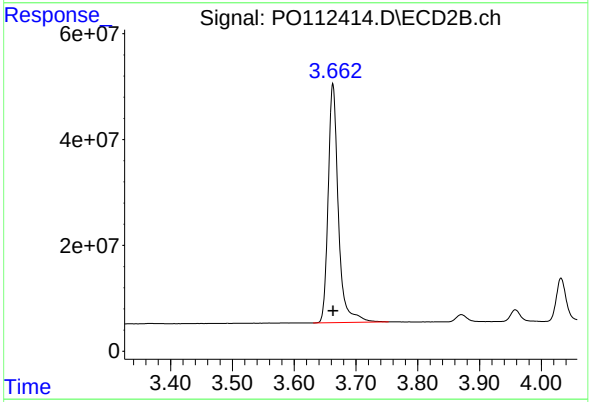




#1 Tetrachloro-m-xylene

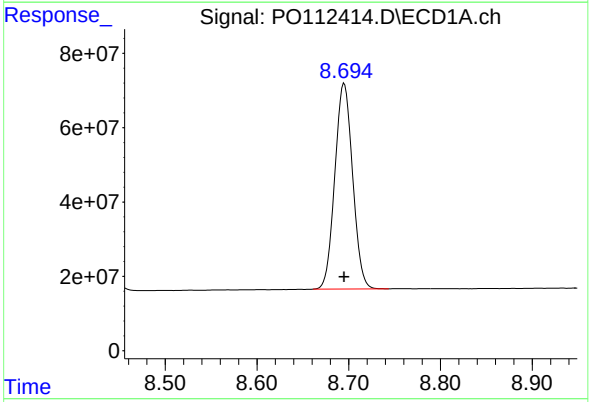
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 855486366
Conc: 98.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



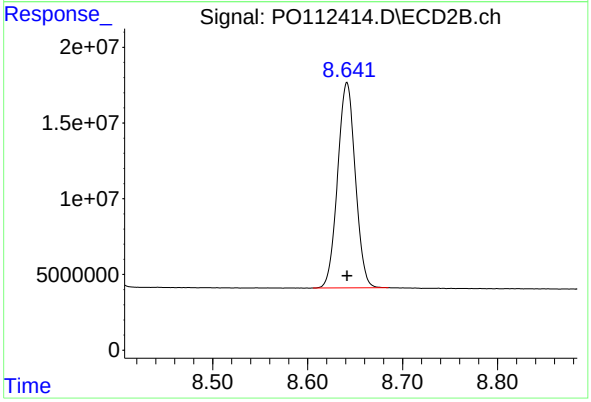
#1 Tetrachloro-m-xylene

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



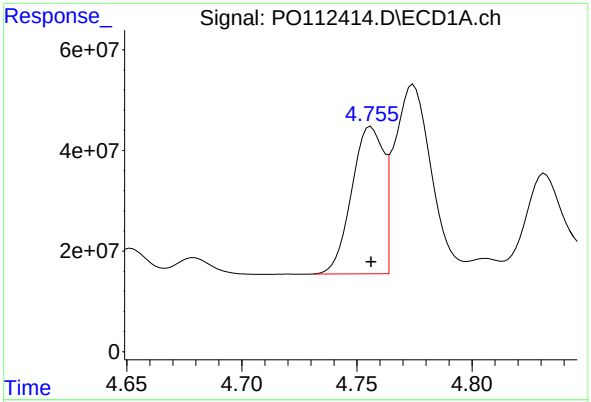
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

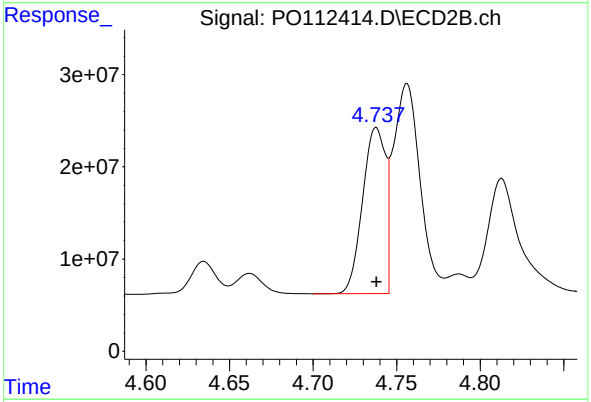
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 175329566
Conc: 96.57 ng/ml



#3 AR-1016-1

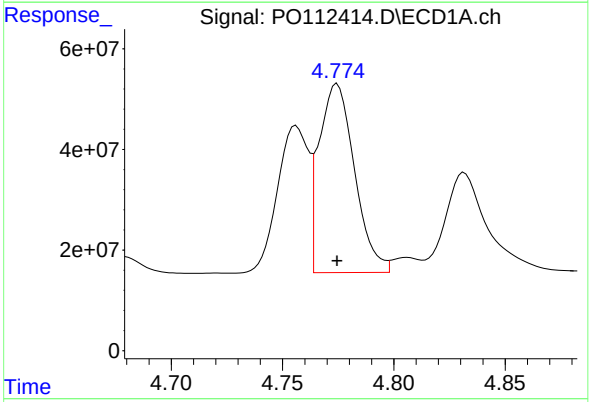
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 281481703
Conc: 983.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



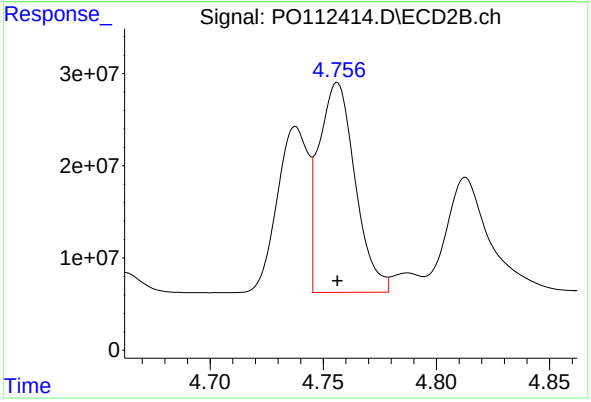
#3 AR-1016-1

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



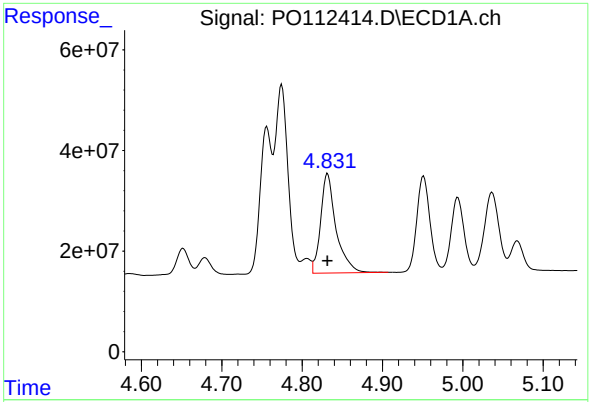
#4 AR-1016-2

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



#4 AR-1016-2

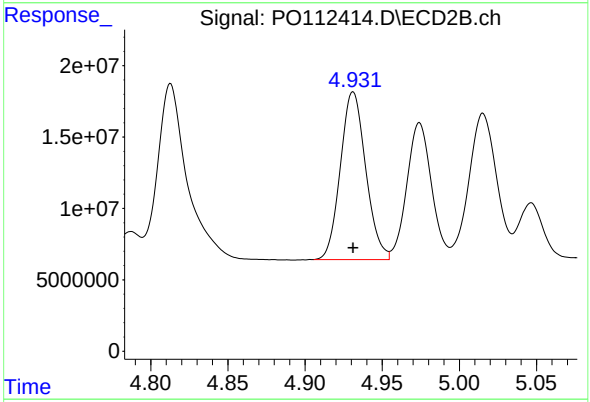
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 254283756
Conc: 963.53 ng/ml



#5 AR-1016-3

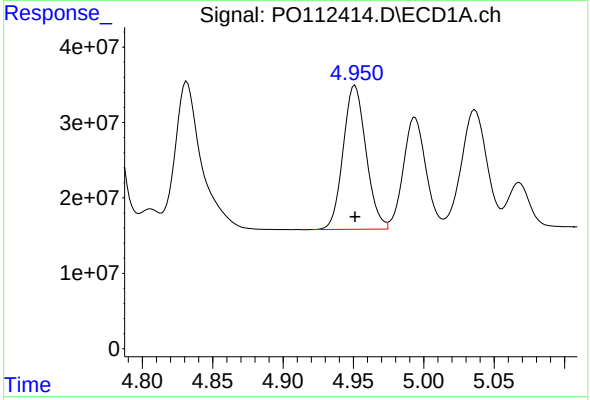
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 263638281
Conc: 981.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



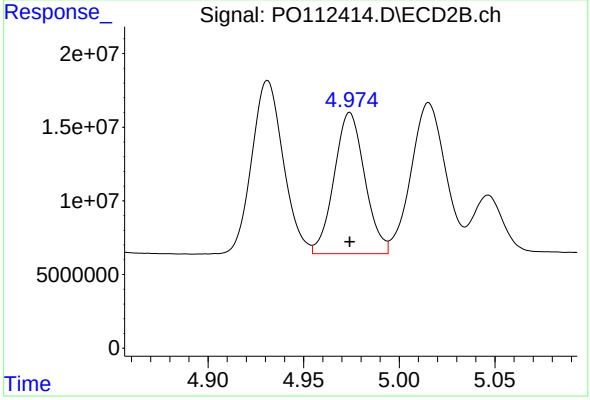
#5 AR-1016-3

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



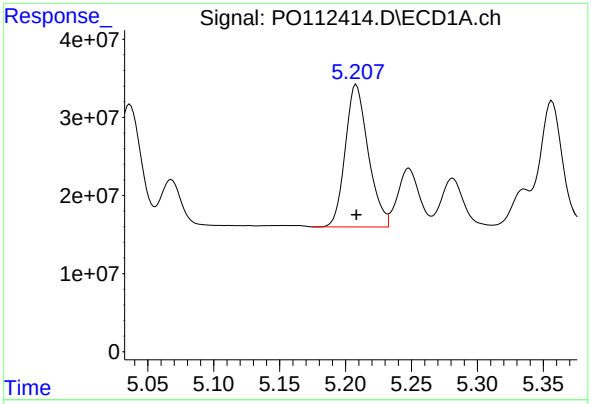
#6 AR-1016-4

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



#6 AR-1016-4

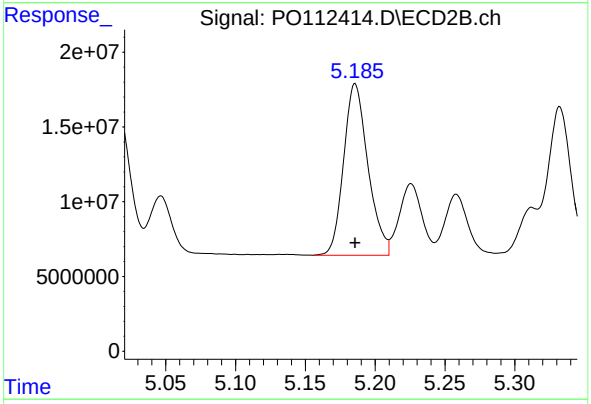
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 106915956
Conc: 960.71 ng/ml



#7 AR-1016-5

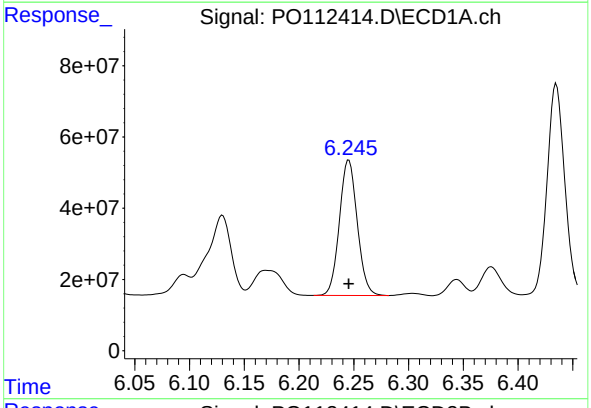
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 221113370
Conc: 971.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



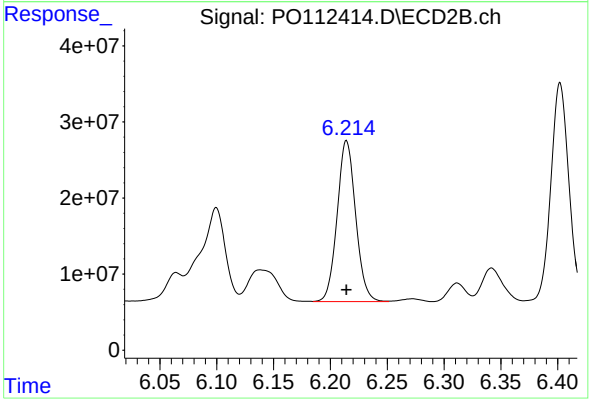
#7 AR-1016-5

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



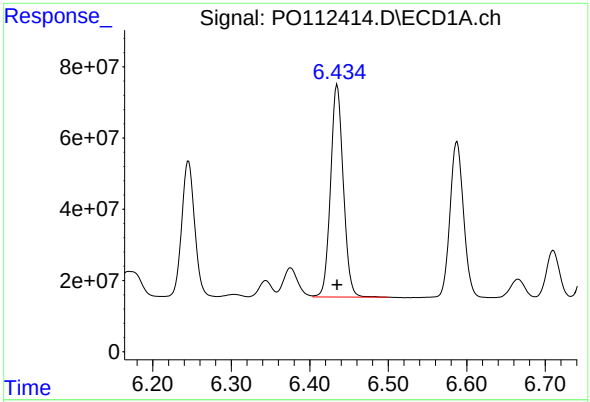
#31 AR-1260-1

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



#31 AR-1260-1

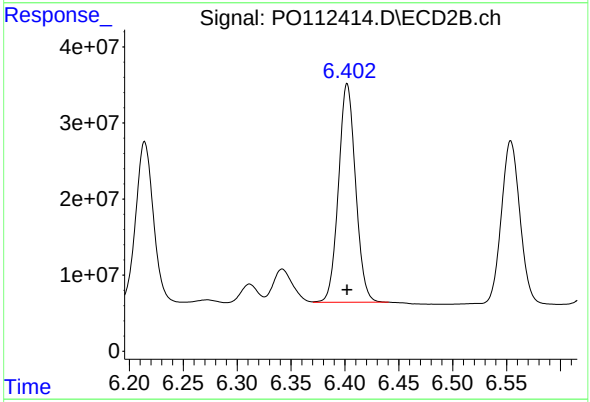
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 240286237
Conc: 958.42 ng/ml



#32 AR-1260-2

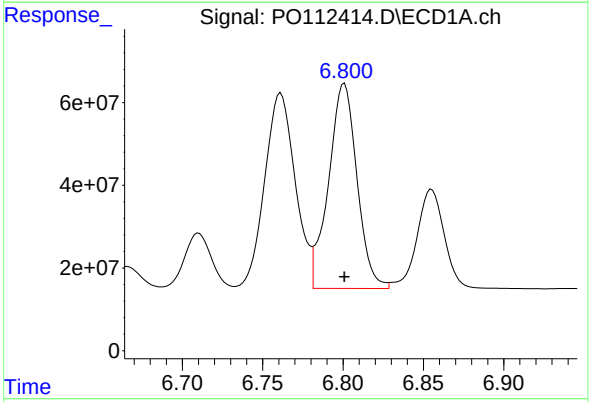
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 673380136
Conc: 964.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



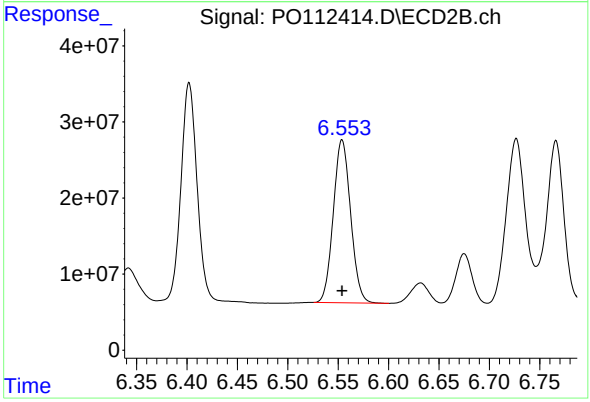
#32 AR-1260-2

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



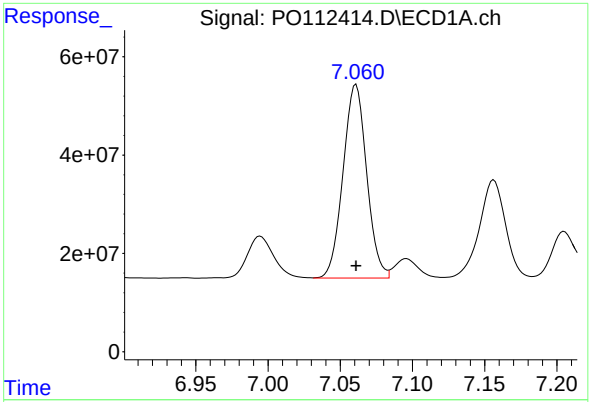
#33 AR-1260-3

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



#33 AR-1260-3

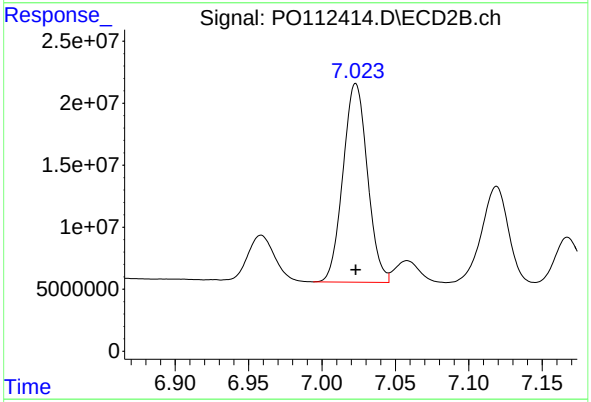
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 256241072
Conc: 975.16 ng/ml



#34 AR-1260-4

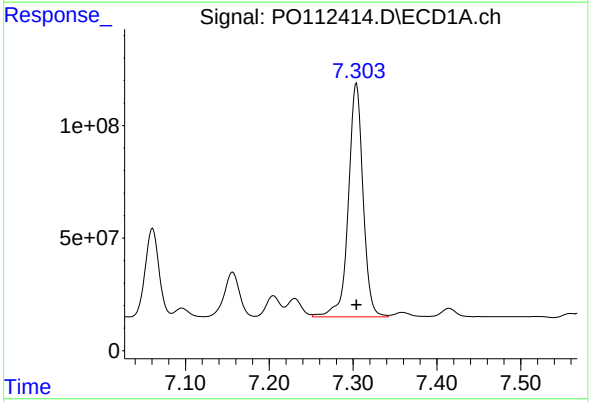
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 447285263
Conc: 971.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



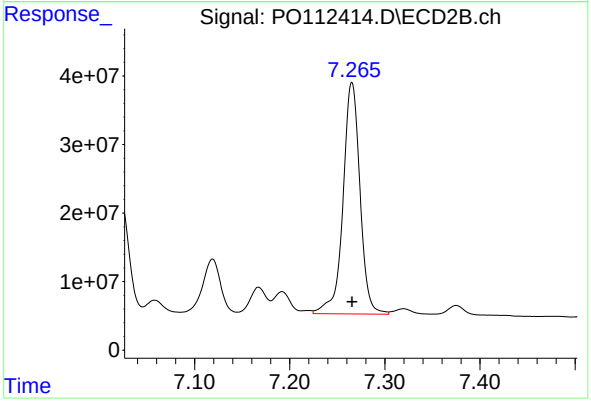
#34 AR-1260-4

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.

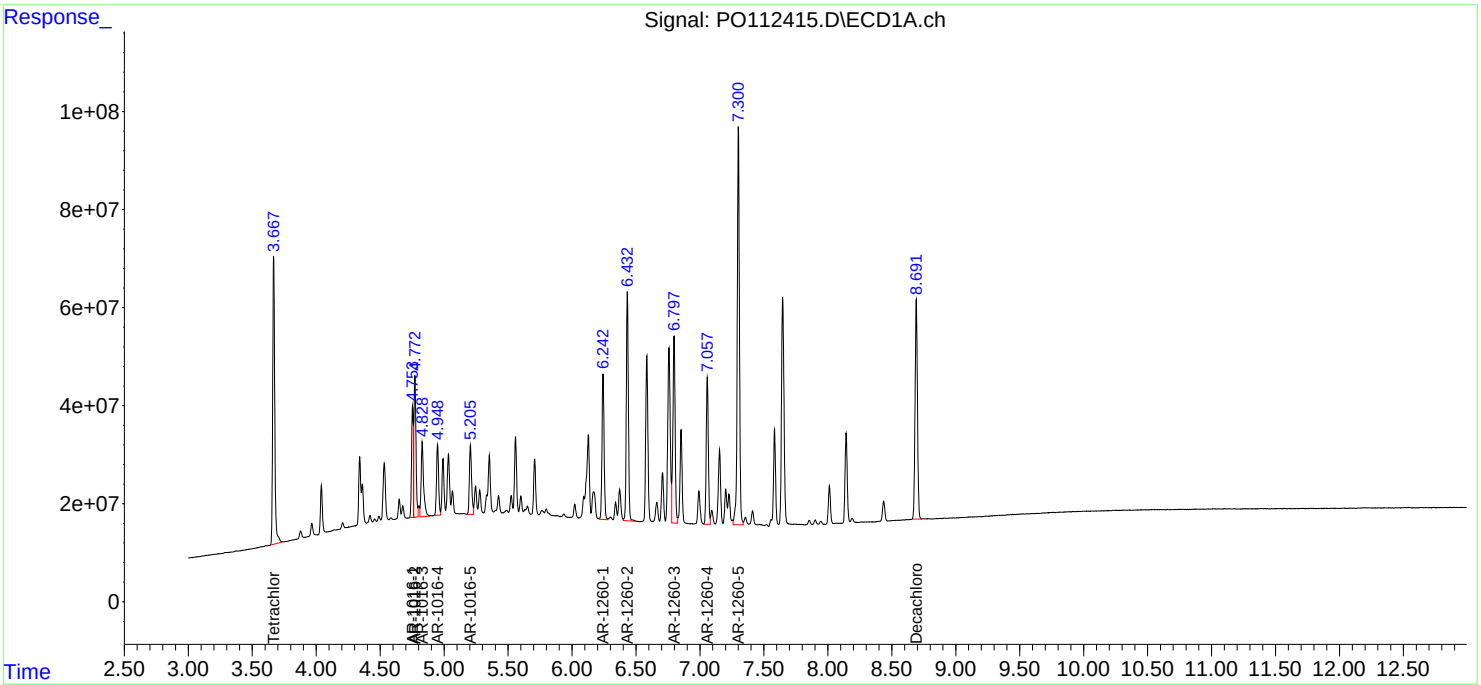
ICAL Form

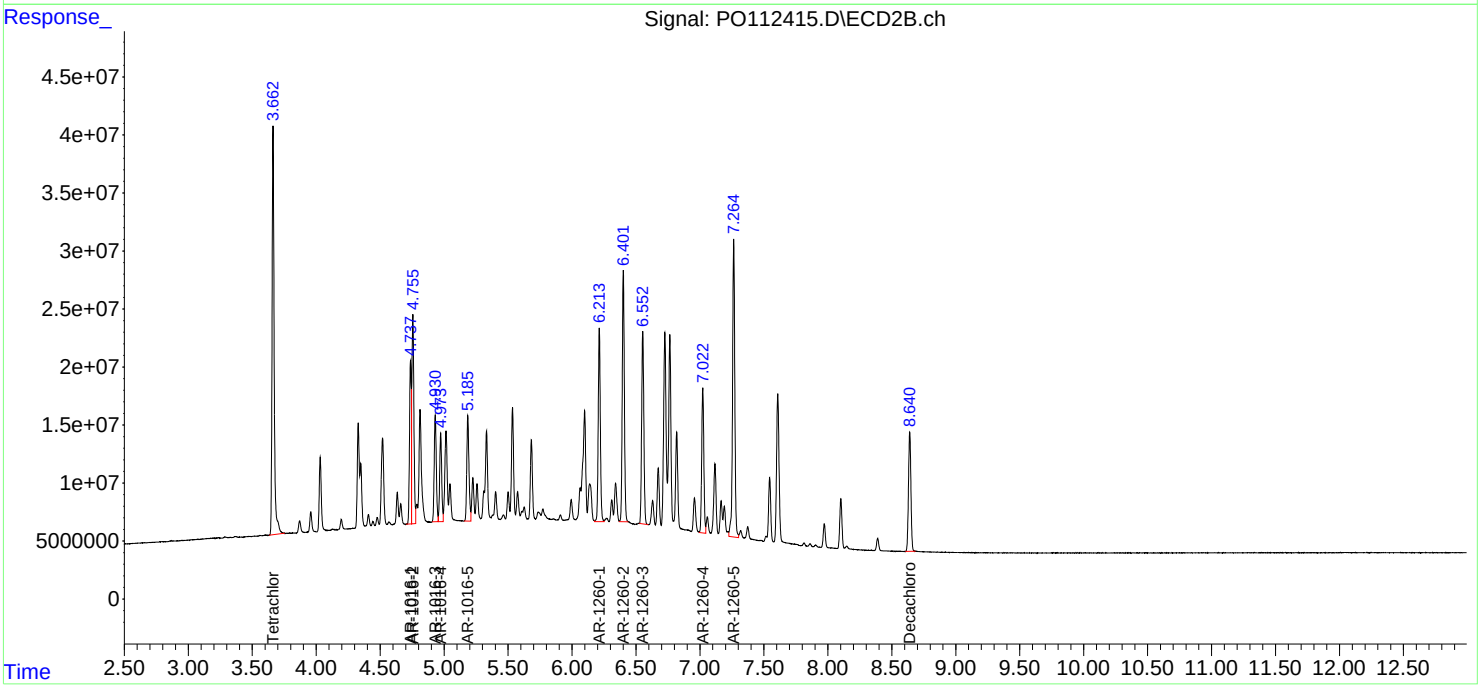
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:50
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

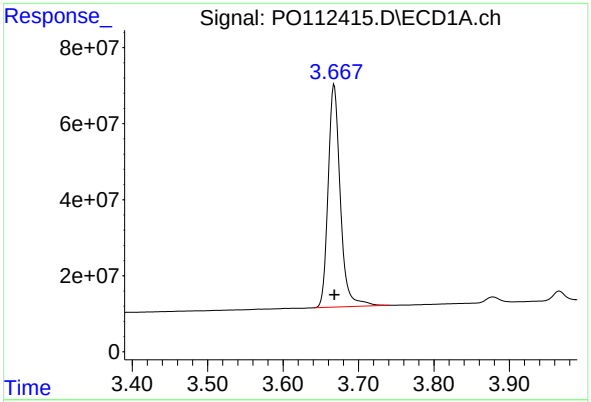
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

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



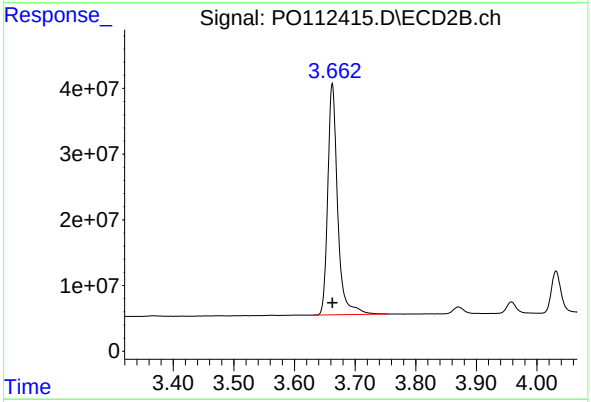




#1 Tetrachloro-m-xylene

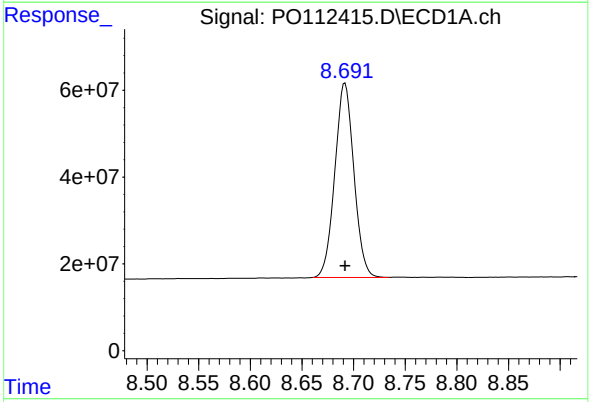
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 656313605
Conc: 75.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



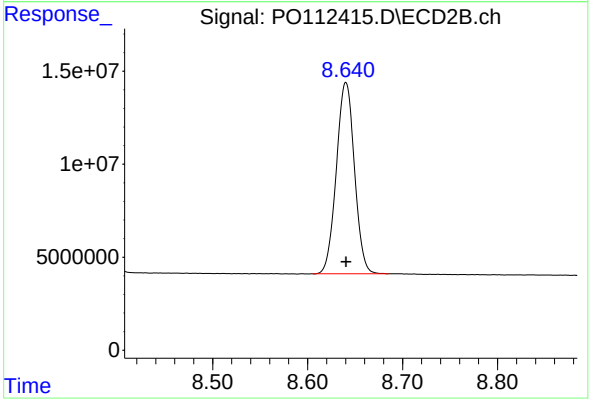
#1 Tetrachloro-m-xylene

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



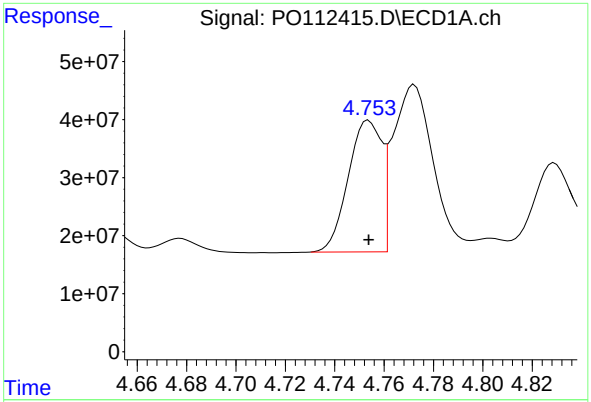
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

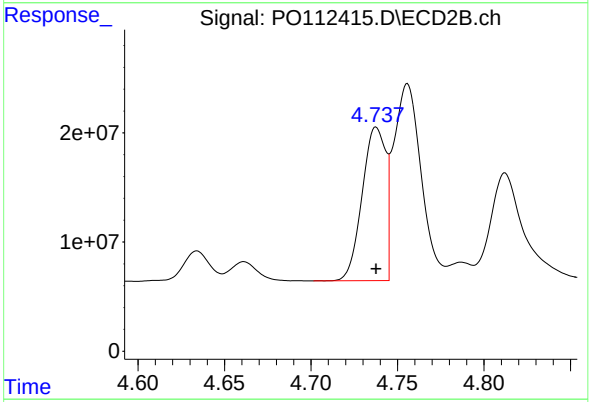
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 136562488
Conc: 75.15 ng/ml



#3 AR-1016-1

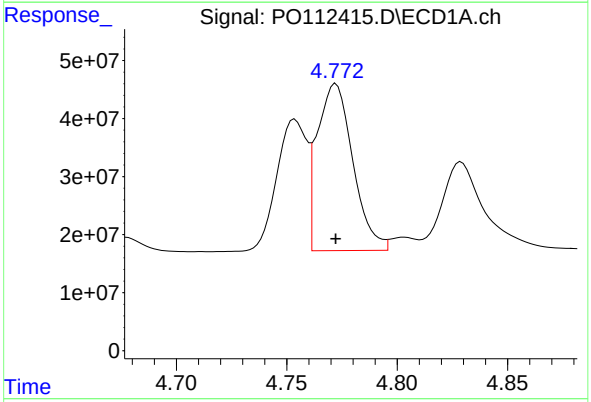
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 213861227
Conc: 748.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



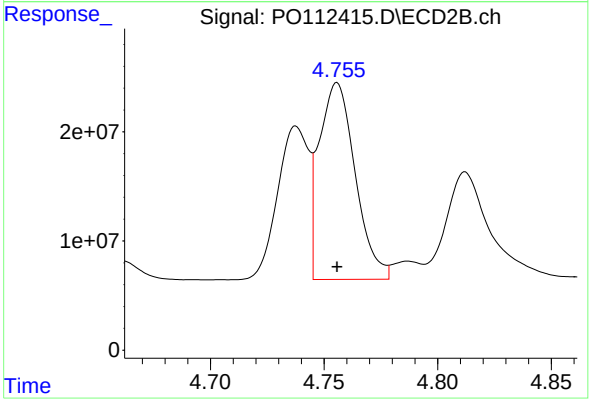
#3 AR-1016-1

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



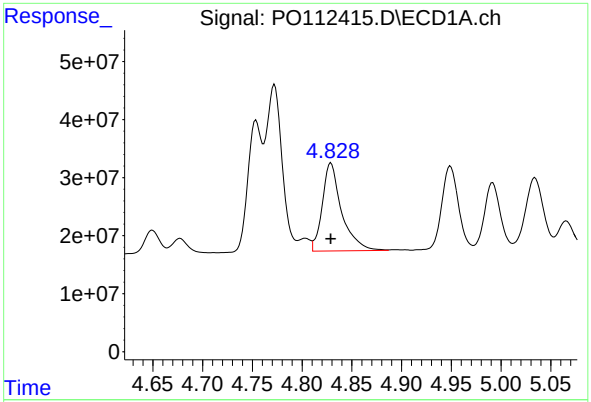
#4 AR-1016-2

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



#4 AR-1016-2

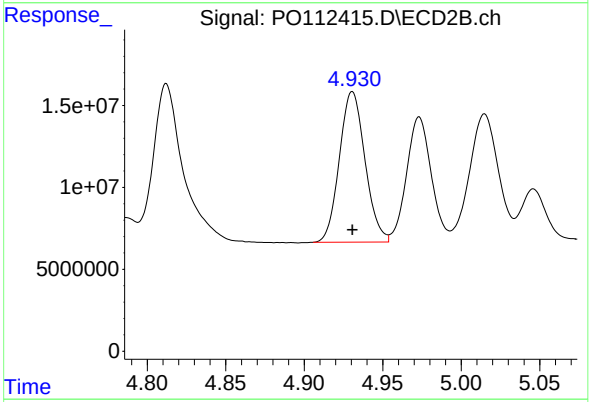
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 199544914
Conc: 754.07 ng/ml



#5 AR-1016-3

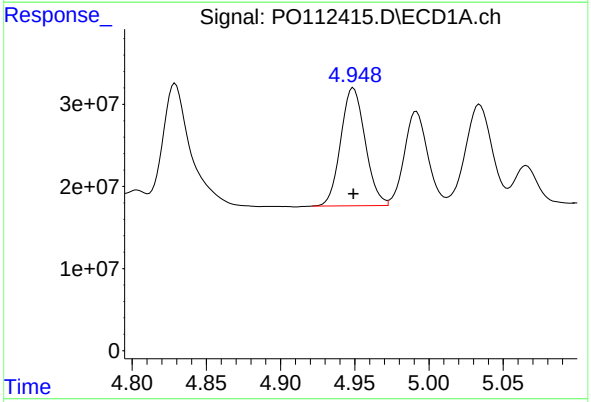
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 205345763
Conc: 759.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



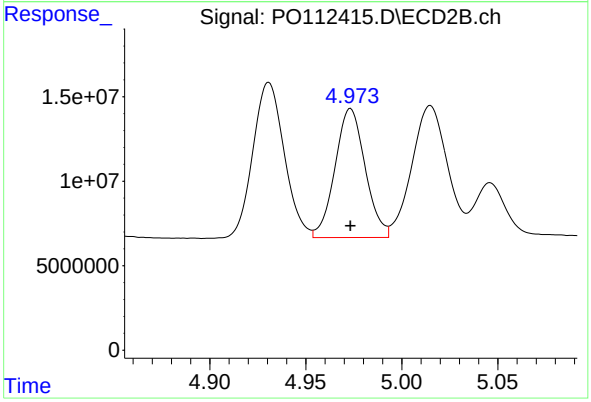
#5 AR-1016-3

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



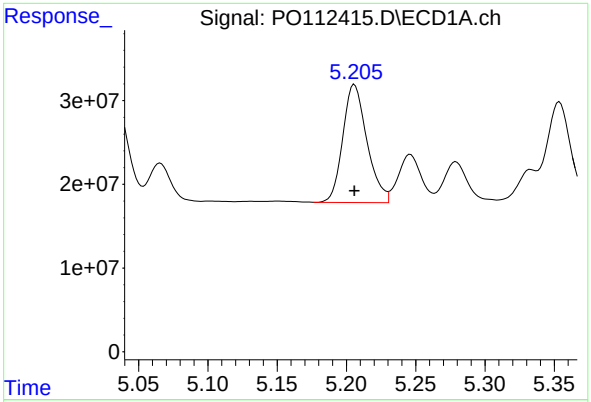
#6 AR-1016-4

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



#6 AR-1016-4

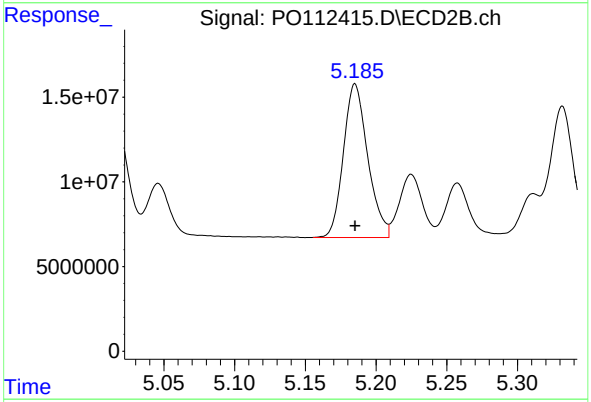
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 83762683
Conc: 751.77 ng/ml



#7 AR-1016-5

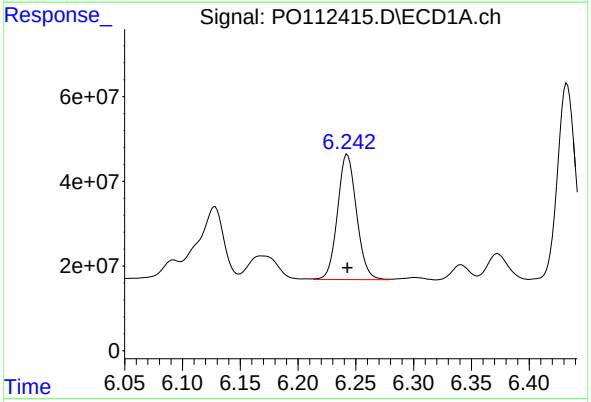
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 171201066
Conc: 751.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



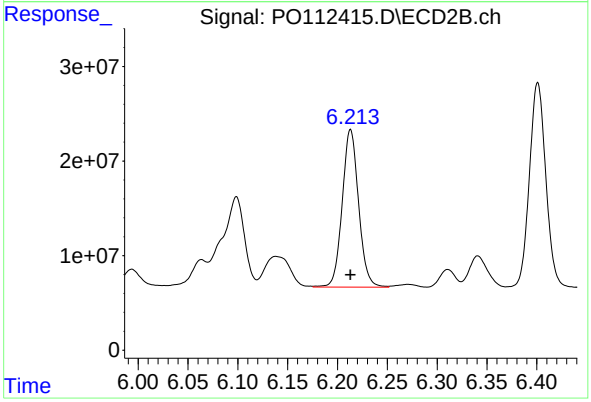
#7 AR-1016-5

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



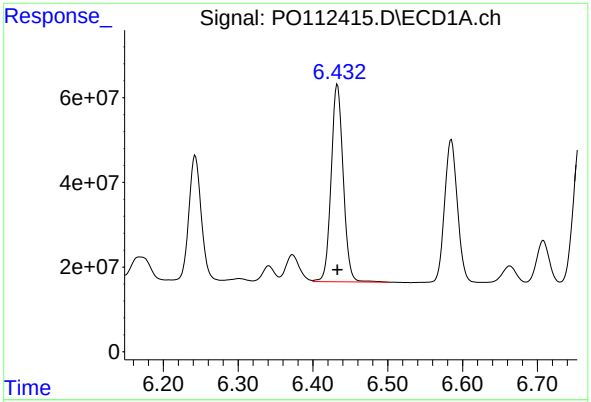
#31 AR-1260-1

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



#31 AR-1260-1

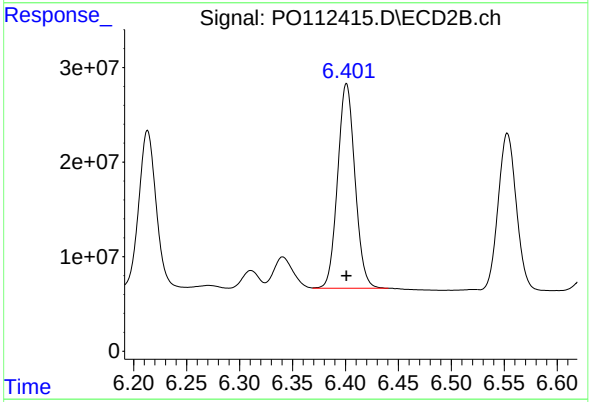
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 190532645
Conc: 756.62 ng/ml



#32 AR-1260-2

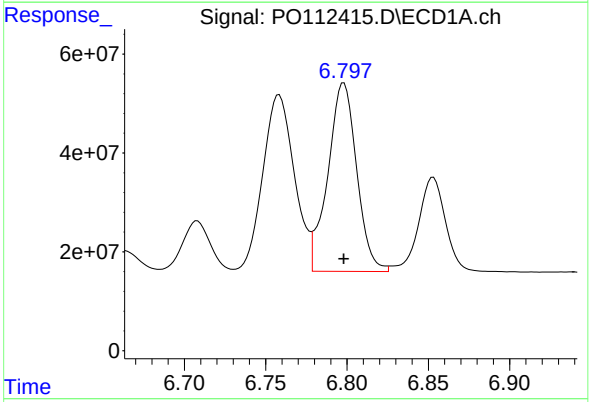
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 523690898
Conc: 750.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



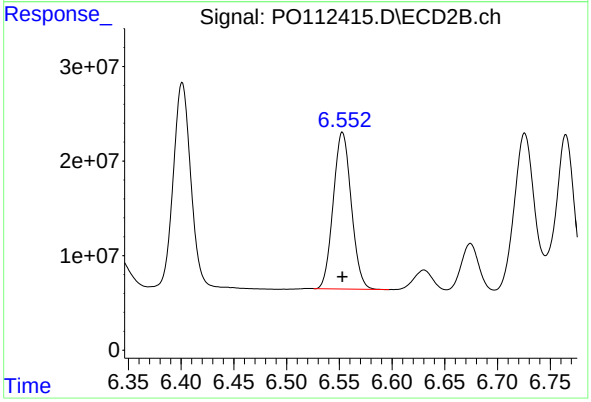
#32 AR-1260-2

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



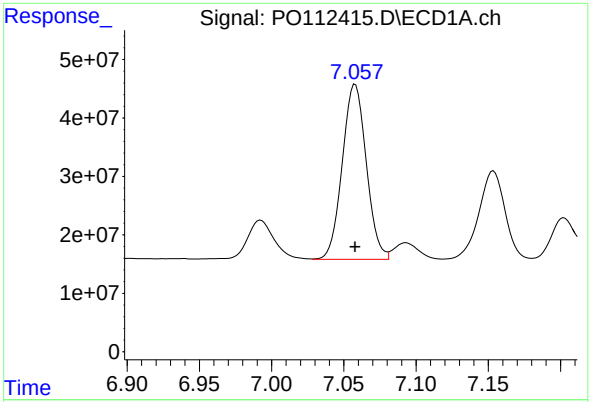
#33 AR-1260-3

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



#33 AR-1260-3

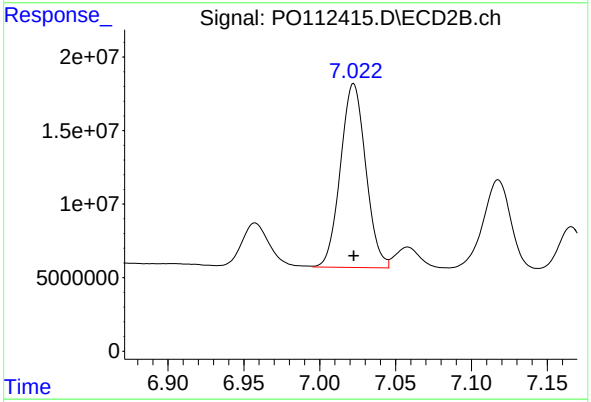
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 197026220
Conc: 749.87 ng/ml



#34 AR-1260-4

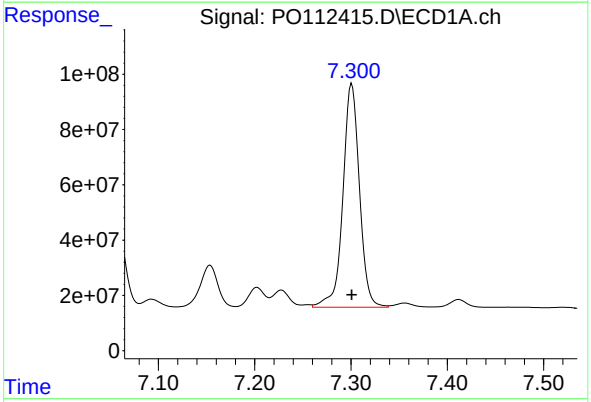
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 345785725
Conc: 750.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



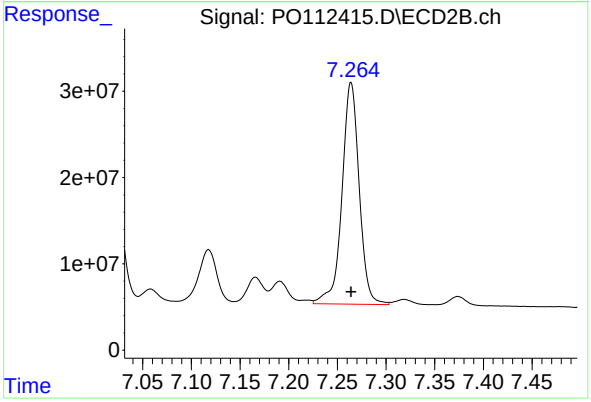
#34 AR-1260-4

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.

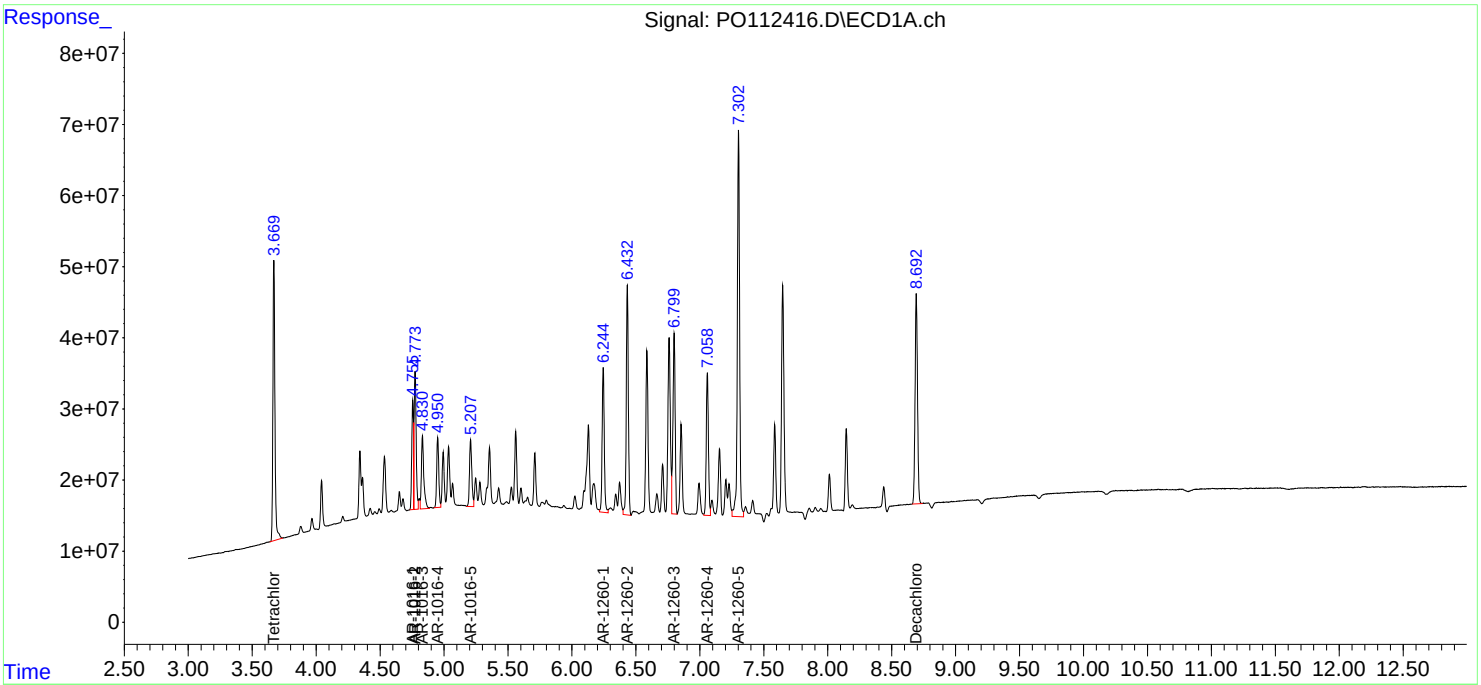
ICAL Form

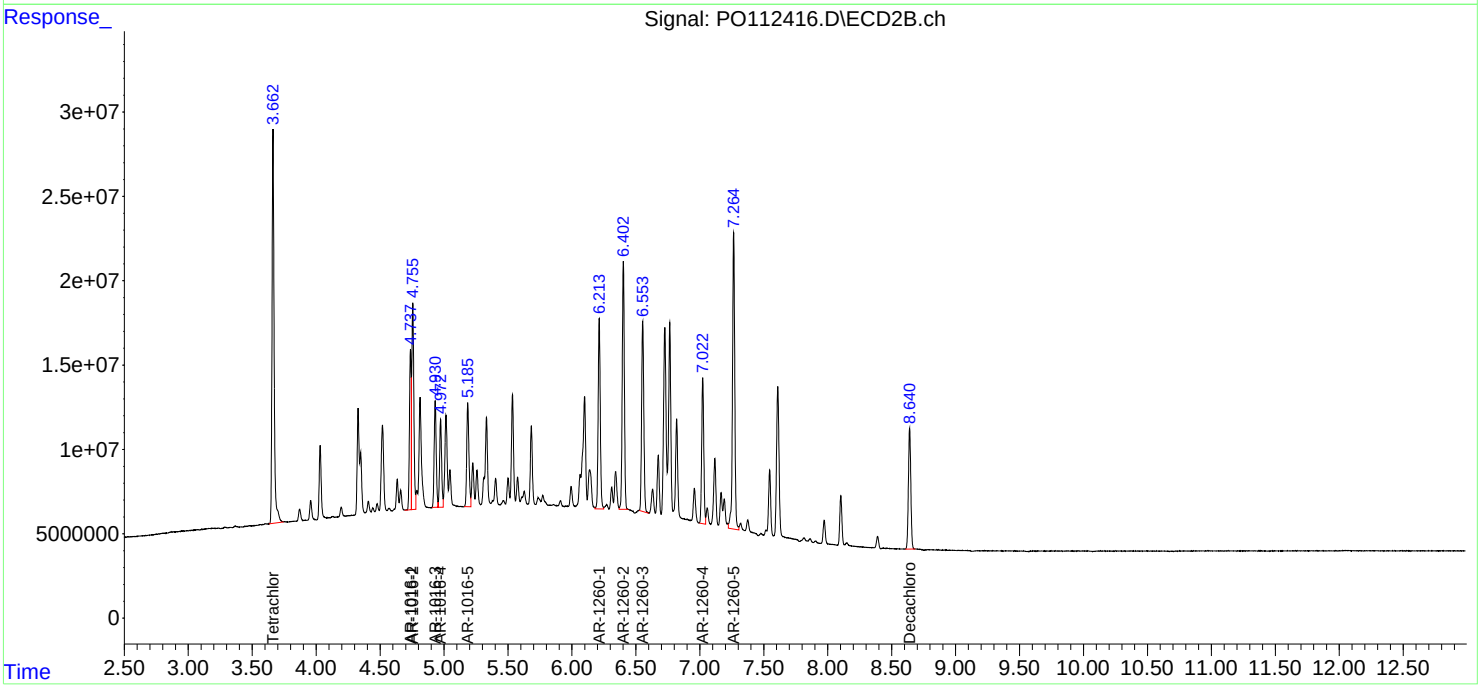
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:08
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

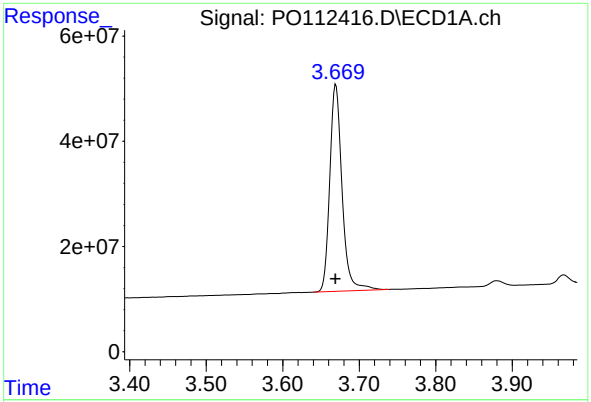
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

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



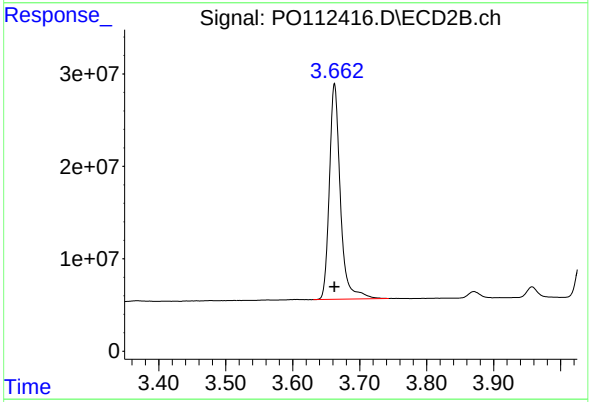




#1 Tetrachloro-m-xylene

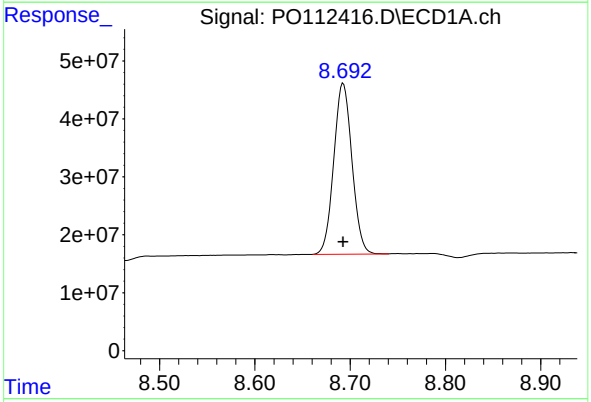
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 437703621
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



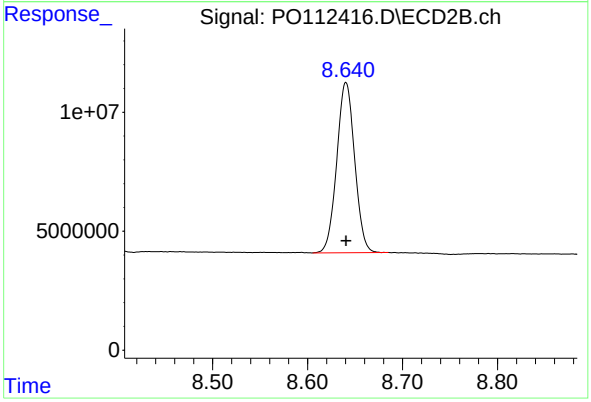
#1 Tetrachloro-m-xylene

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



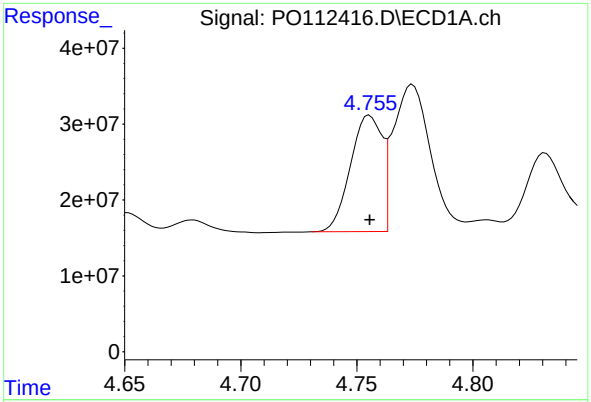
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

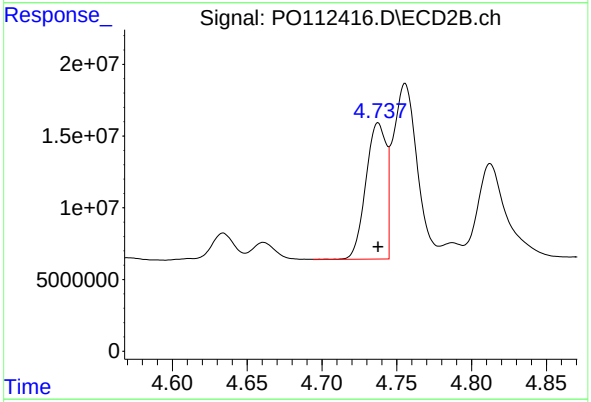
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 93890082
Conc: 50.00 ng/ml



#3 AR-1016-1

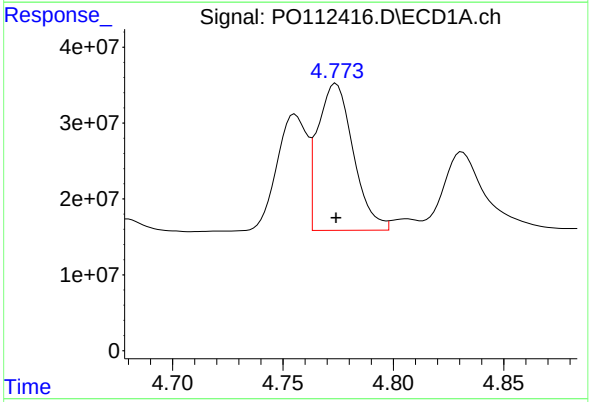
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 145424759
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



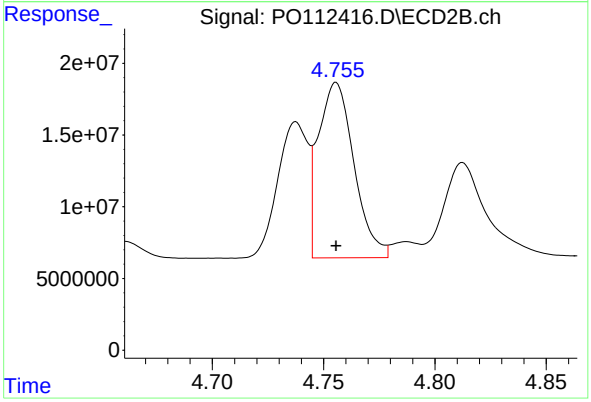
#3 AR-1016-1

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



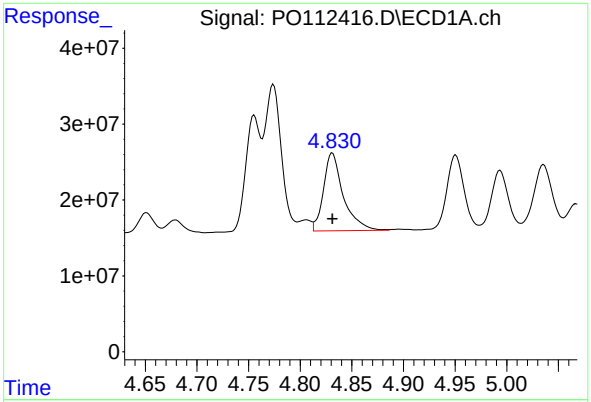
#4 AR-1016-2

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



#4 AR-1016-2

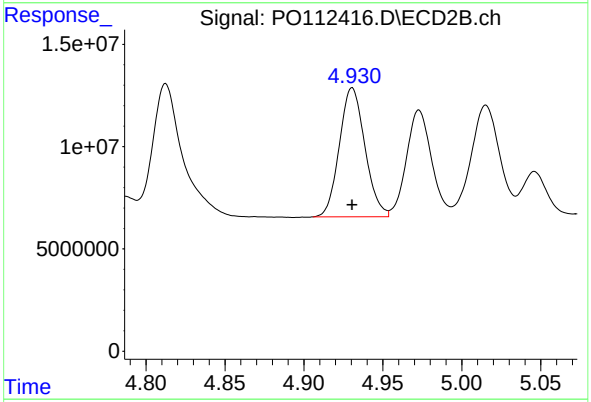
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 136766267
Conc: 500.00 ng/ml



#5 AR-1016-3

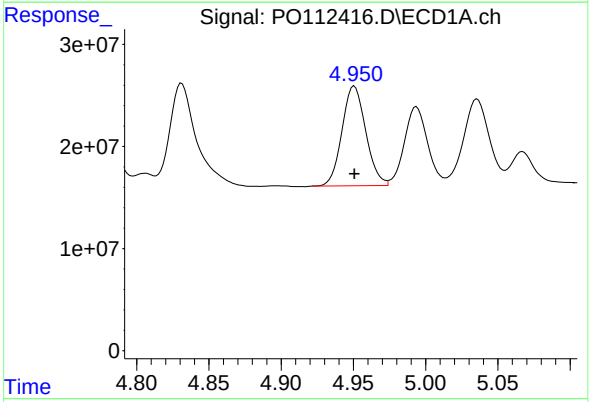
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 136805252
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



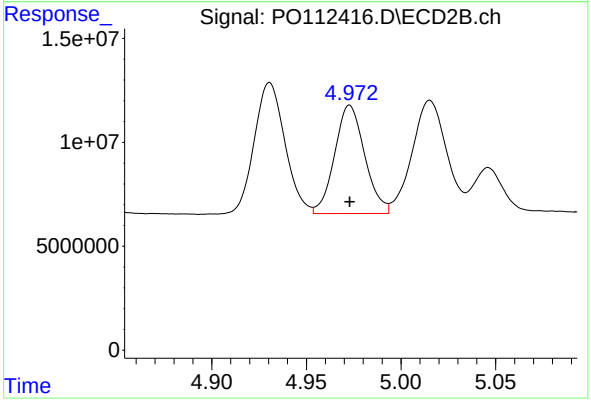
#5 AR-1016-3

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



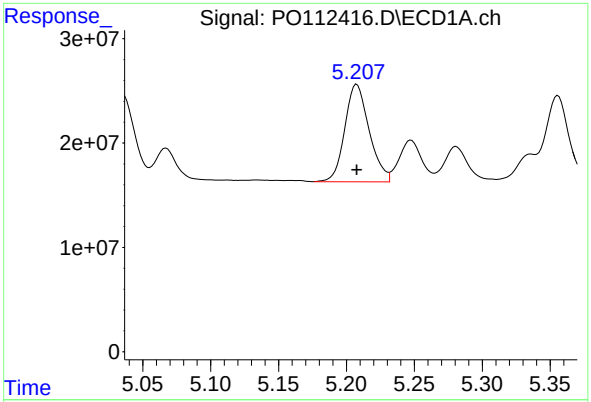
#6 AR-1016-4

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



#6 AR-1016-4

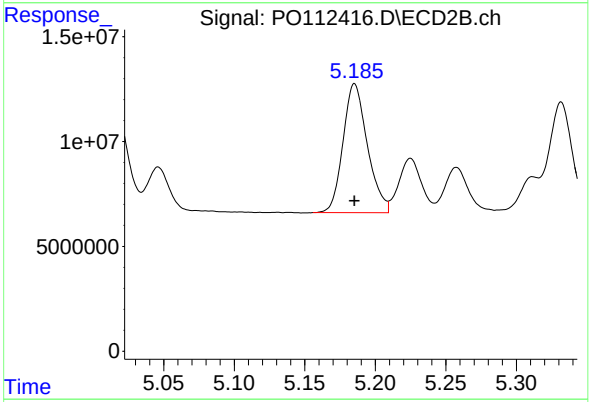
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 57830575
Conc: 500.00 ng/ml



#7 AR-1016-5

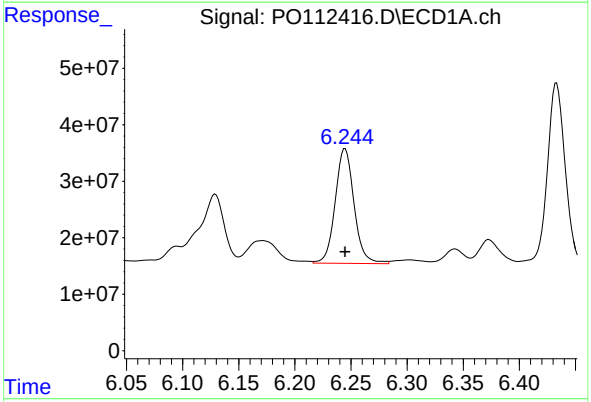
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 116933714
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



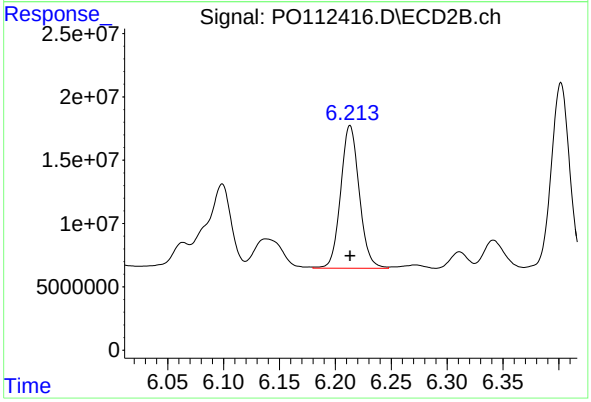
#7 AR-1016-5

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



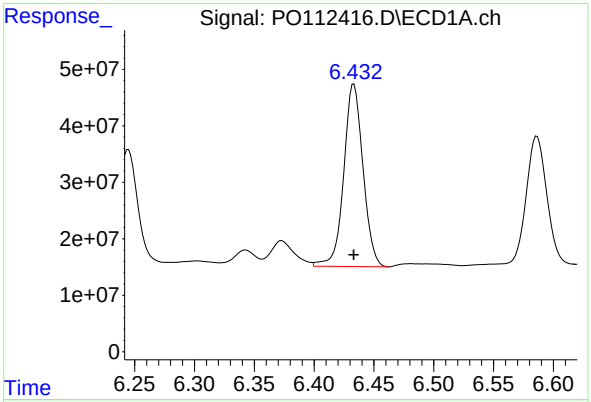
#31 AR-1260-1

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



#31 AR-1260-1

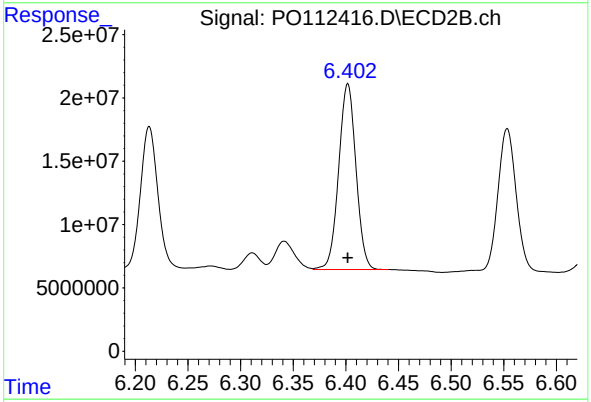
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 130567223
Conc: 500.00 ng/ml



#32 AR-1260-2

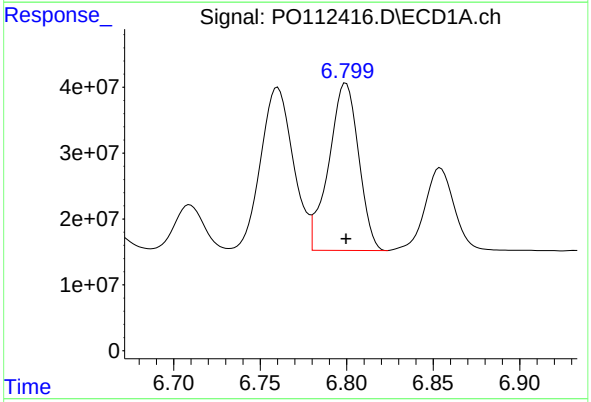
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 361472265
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



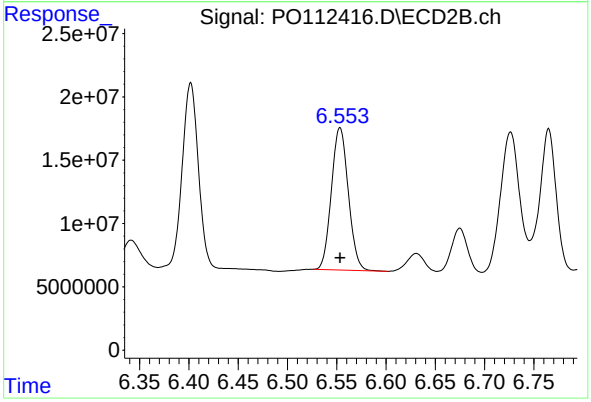
#32 AR-1260-2

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



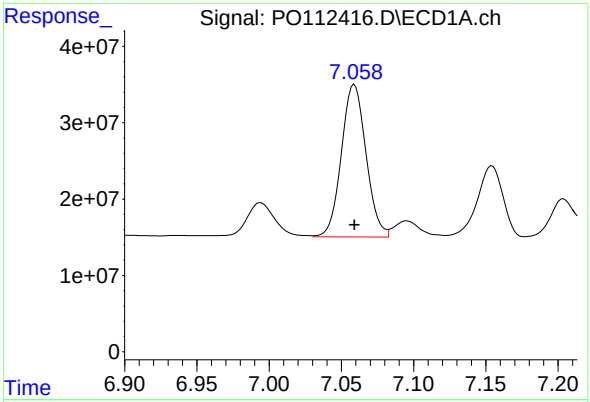
#33 AR-1260-3

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



#33 AR-1260-3

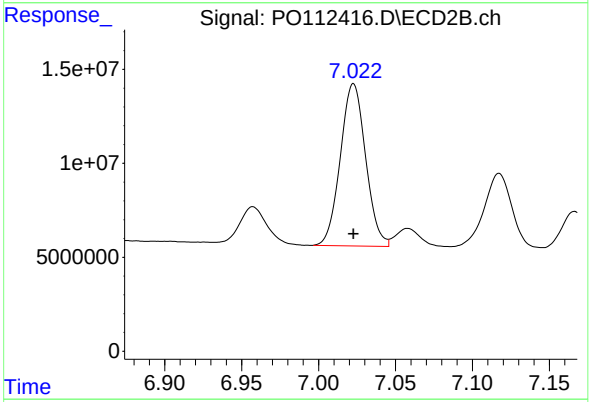
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 134648936
Conc: 500.00 ng/ml



#34 AR-1260-4

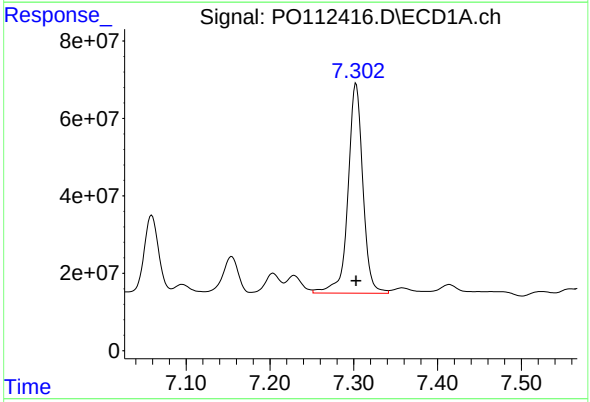
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 236624452
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



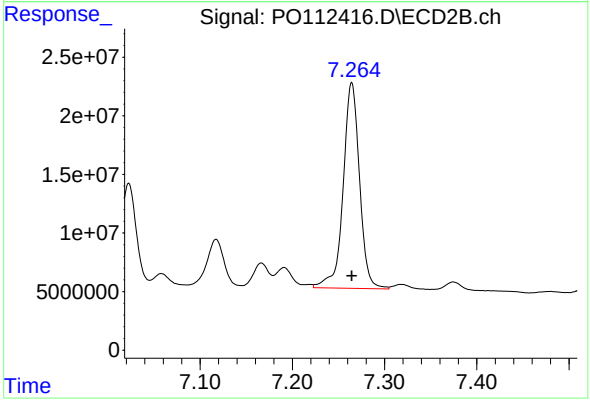
#34 AR-1260-4

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

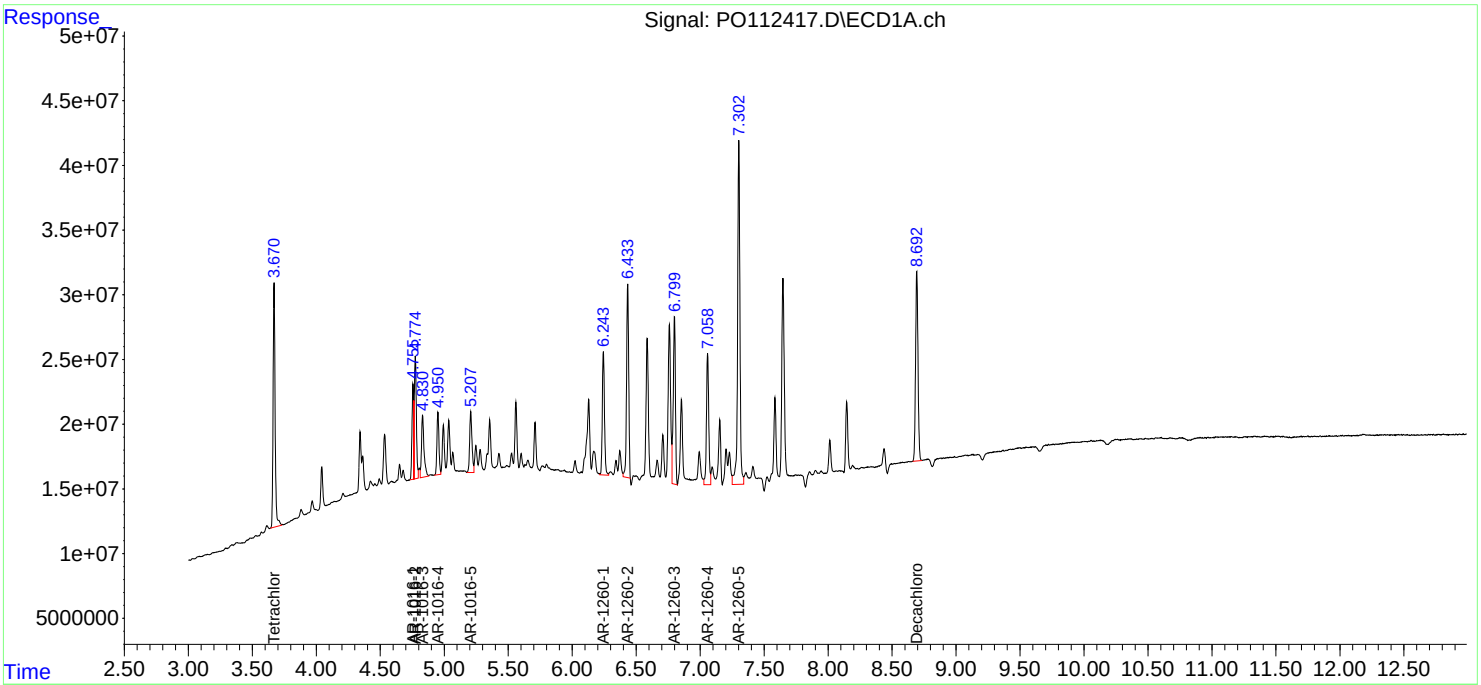
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

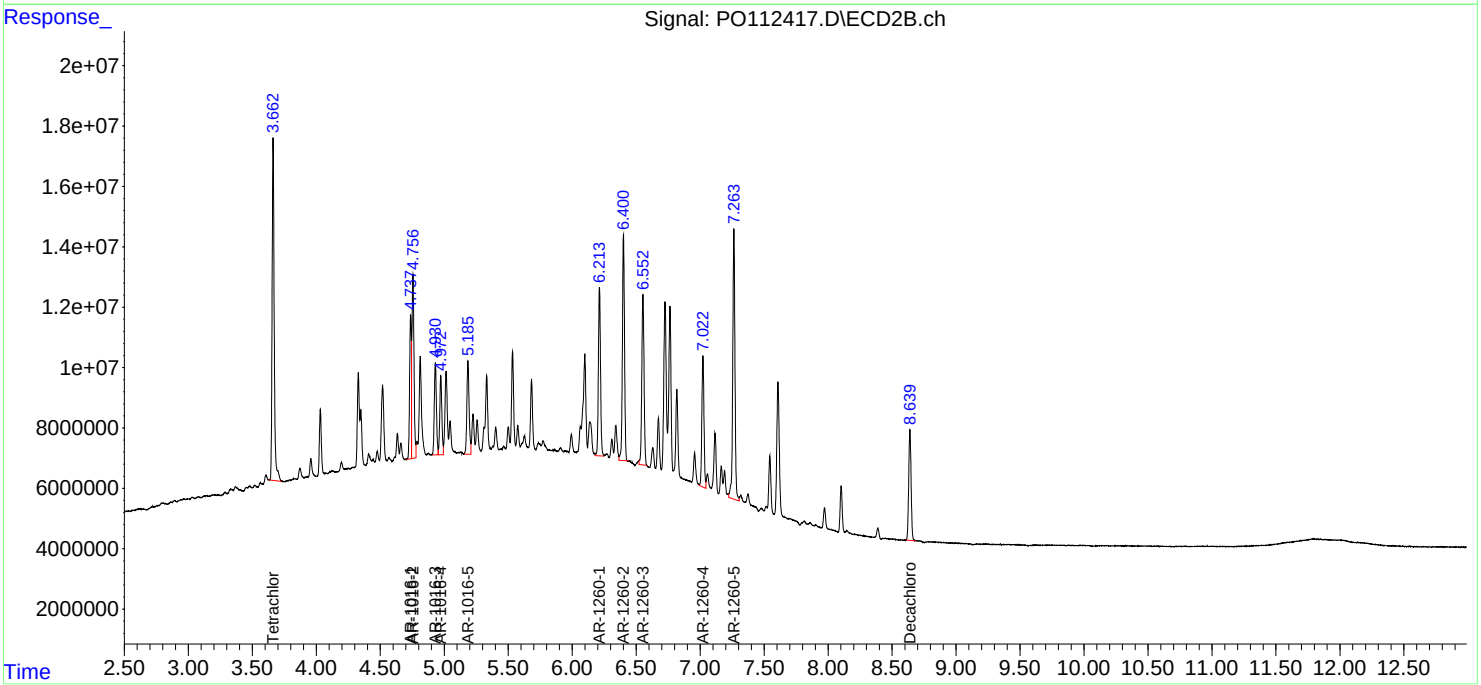
Manual Integrations APPROVED

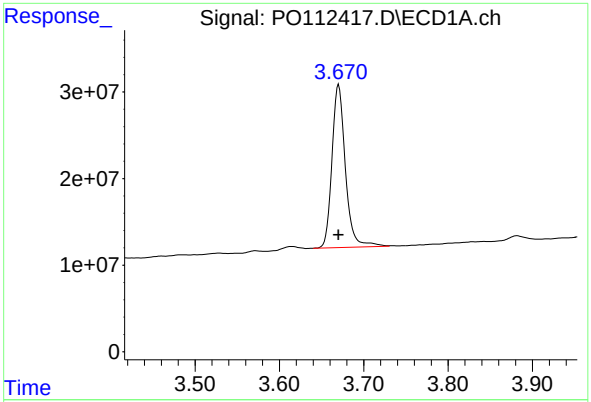
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







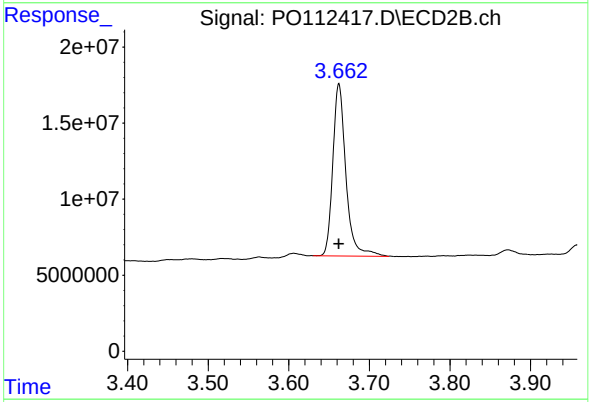
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

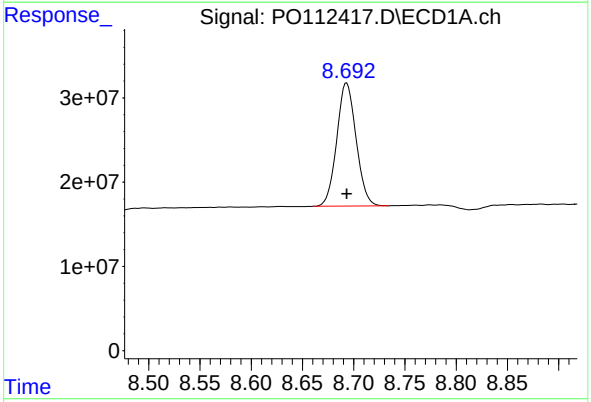
Manual Integrations APPROVED

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



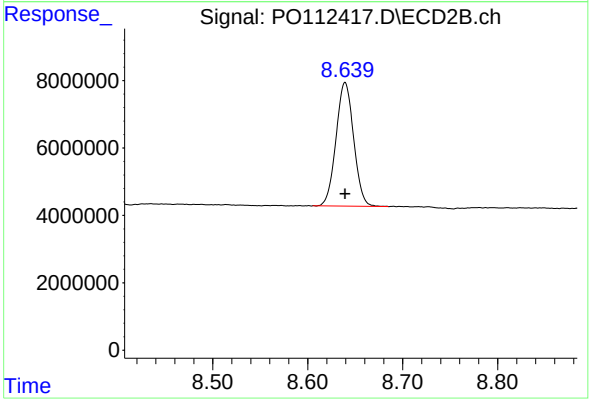
#1 Tetrachloro-m-xylene

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



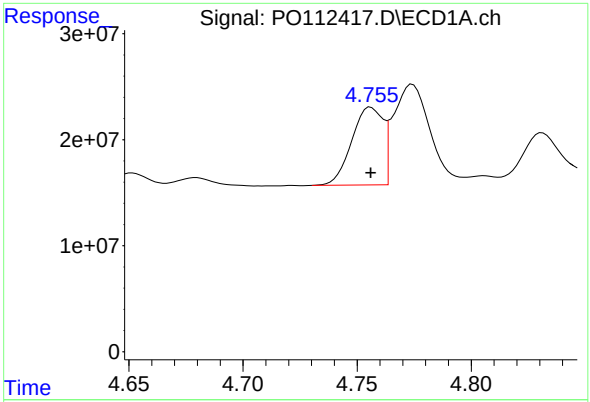
#2 Decachlorobiphenyl

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



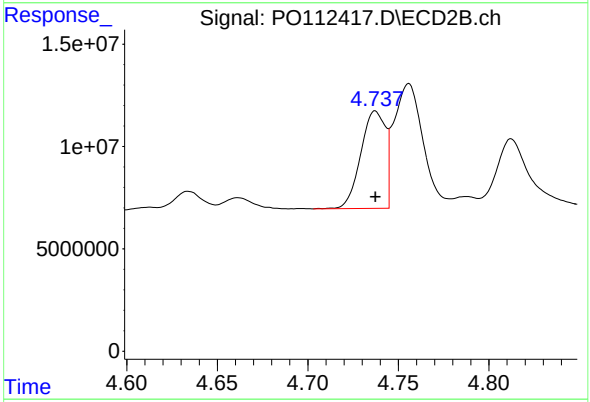
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

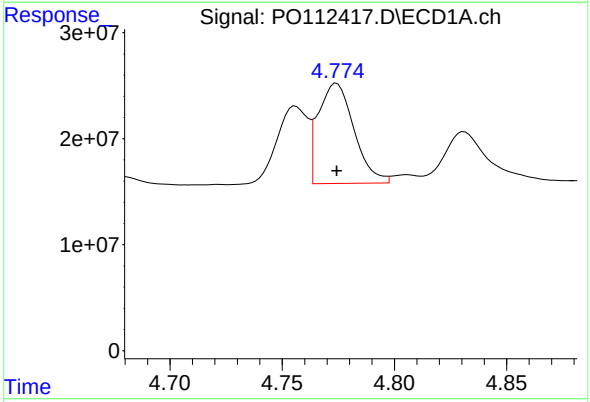
Manual Integrations APPROVED

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



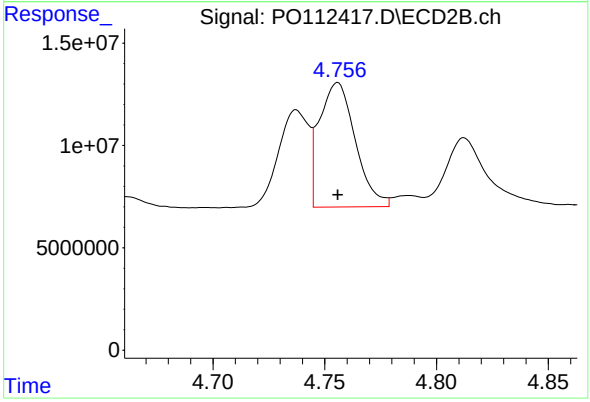
#3 AR-1016-1

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



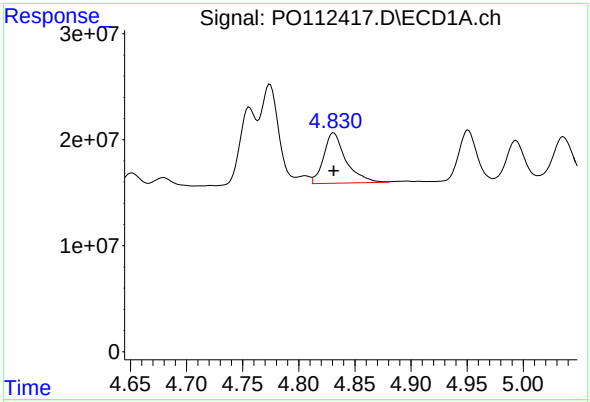
#4 AR-1016-2

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



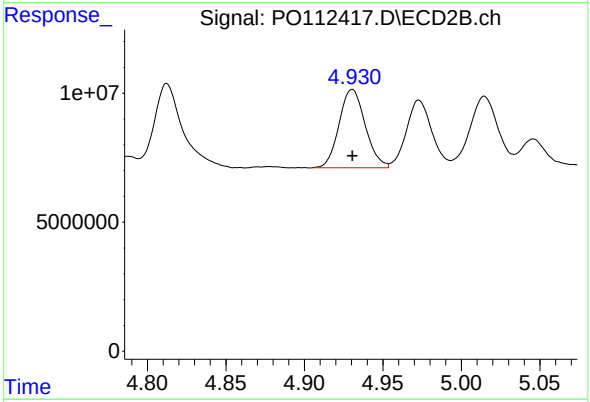
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

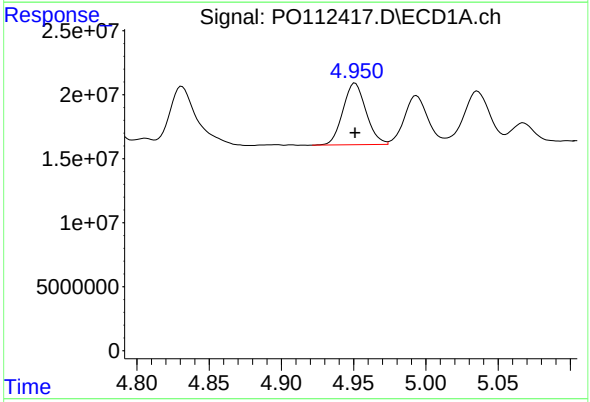
Manual Integrations APPROVED

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



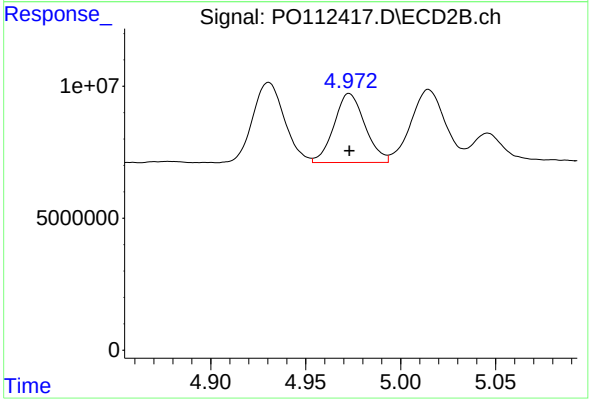
#5 AR-1016-3

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



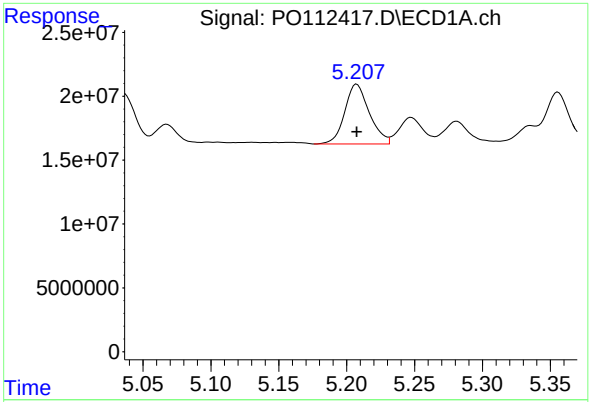
#6 AR-1016-4

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



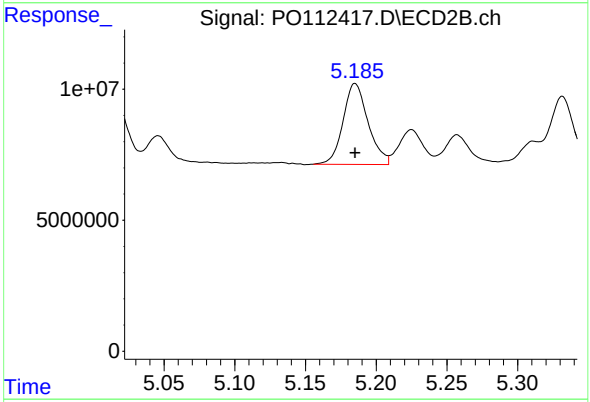
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

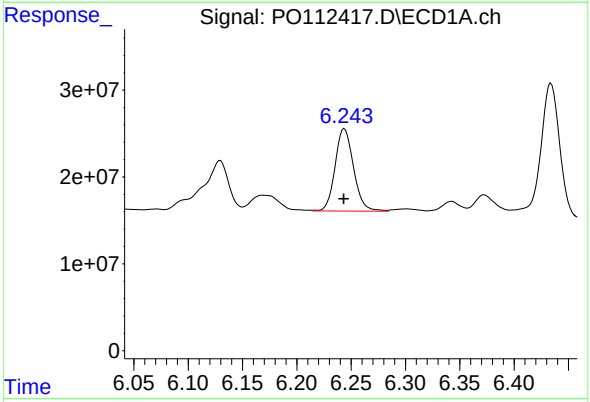
Manual Integrations APPROVED

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



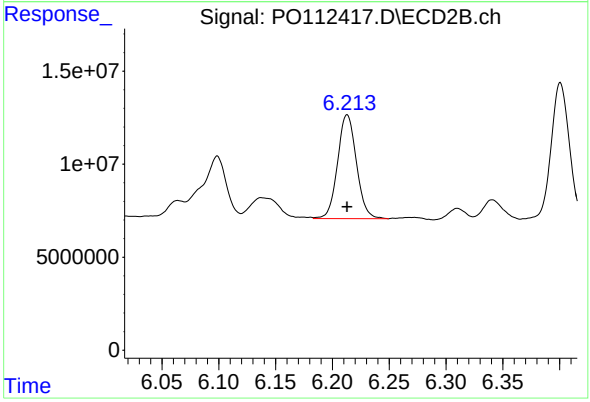
#7 AR-1016-5

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



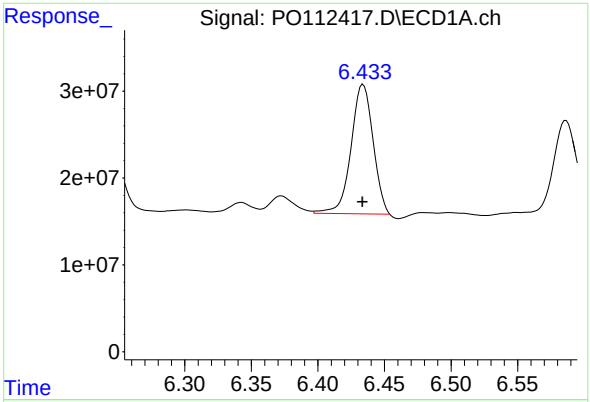
#31 AR-1260-1

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



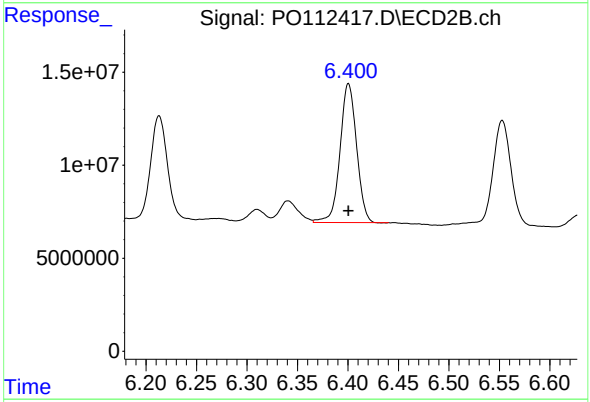
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

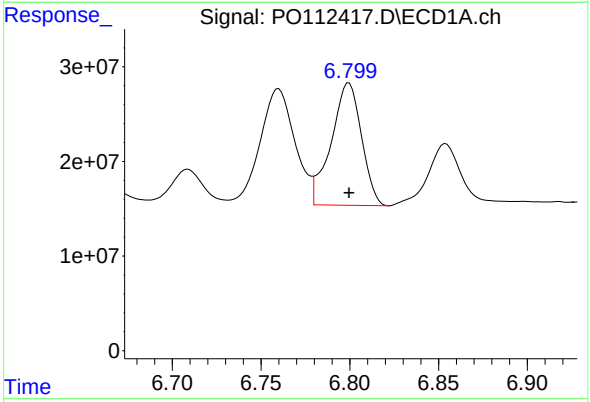
Manual Integrations APPROVED

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



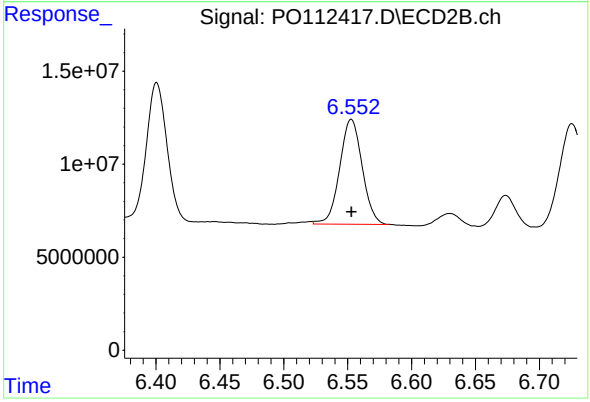
#32 AR-1260-2

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



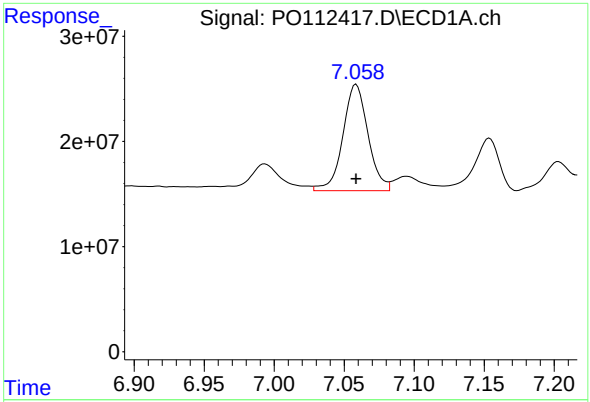
#33 AR-1260-3

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



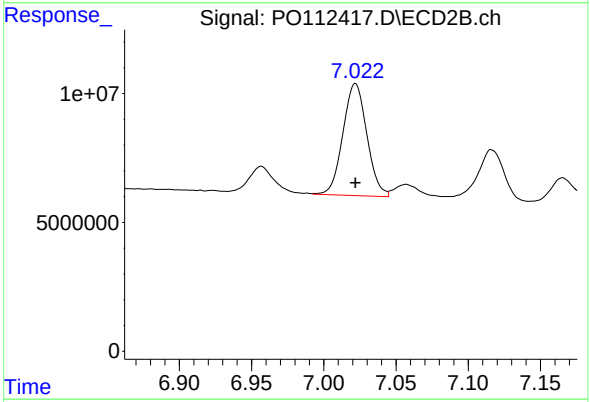
#34 AR-1260-4

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

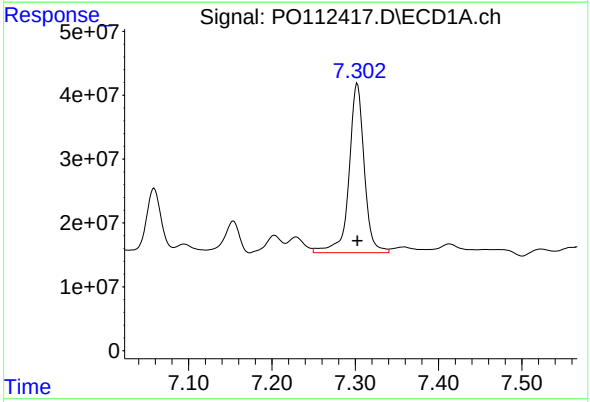
Manual Integrations APPROVED

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



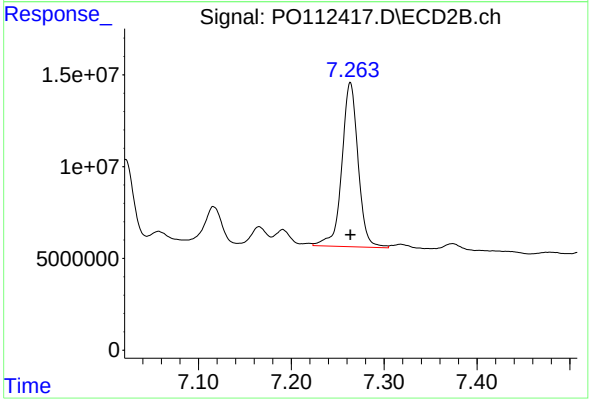
#34 AR-1260-4

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

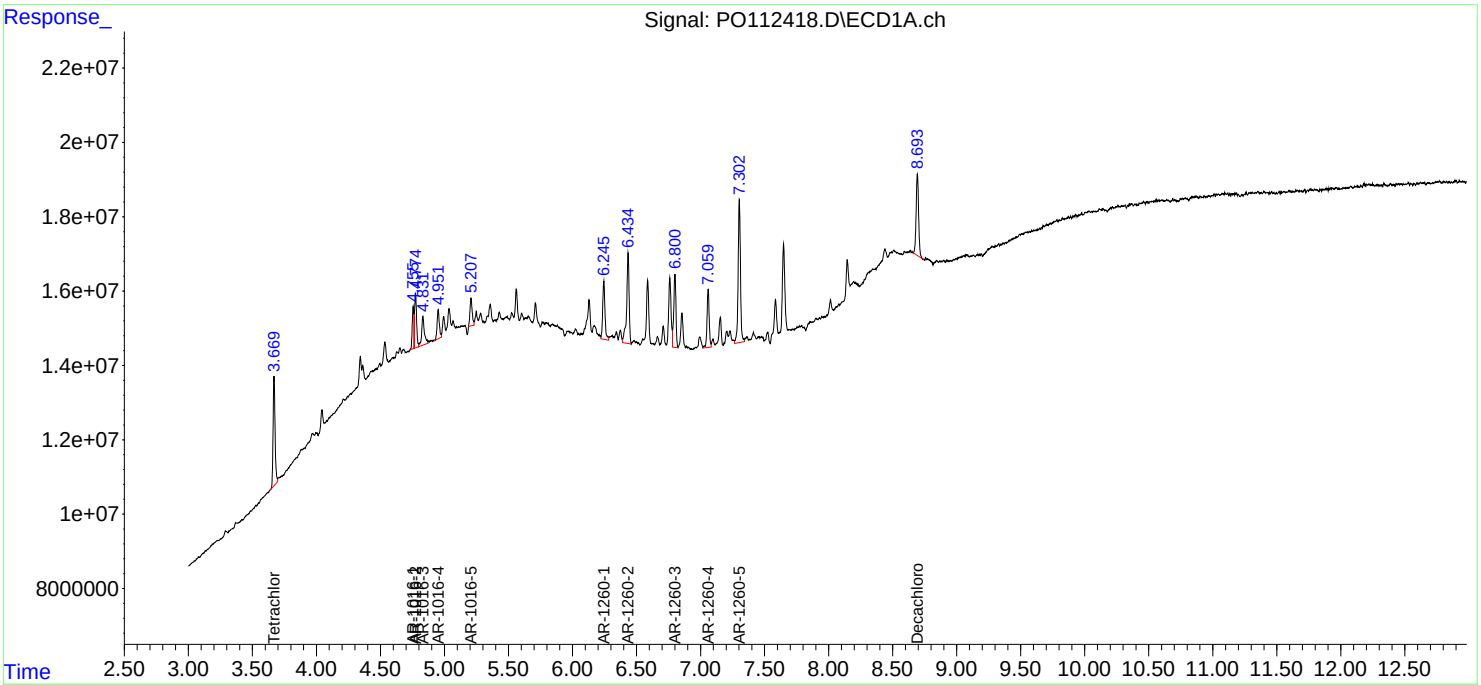
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

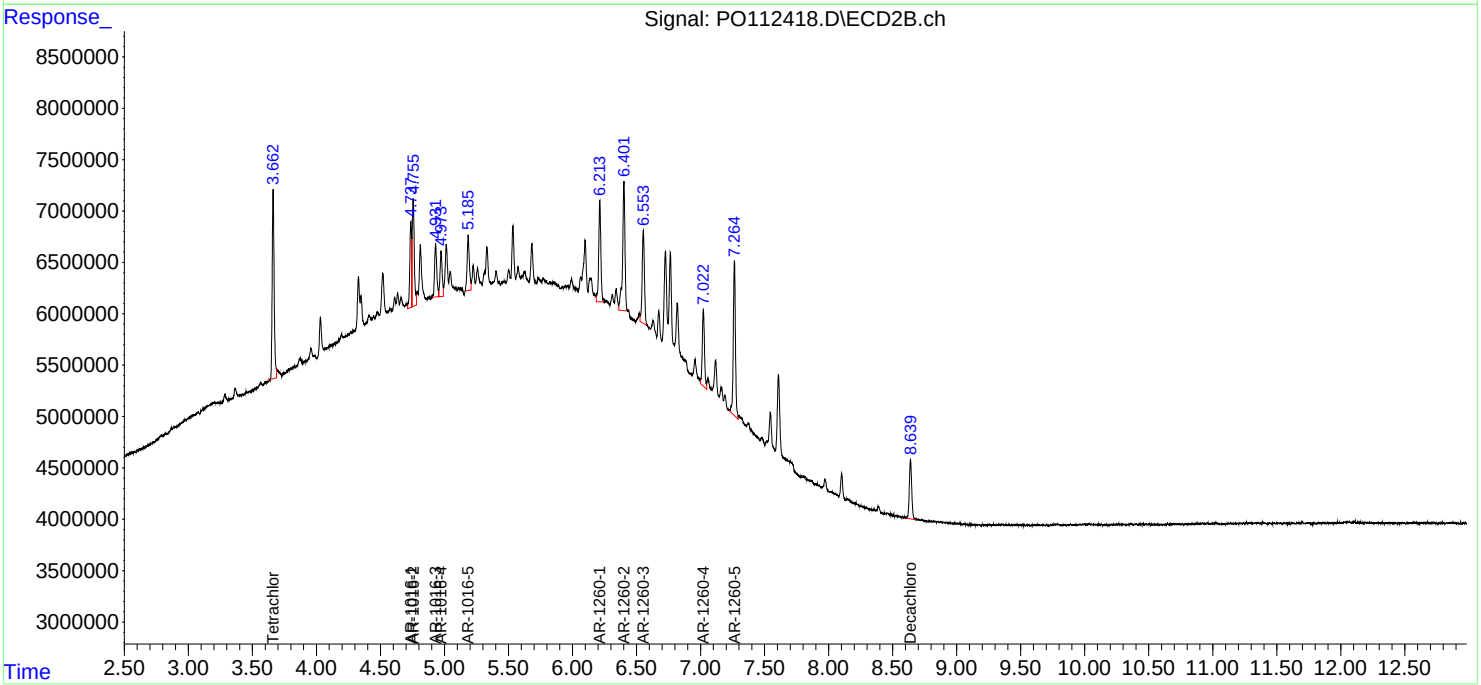
Manual Integrations APPROVED

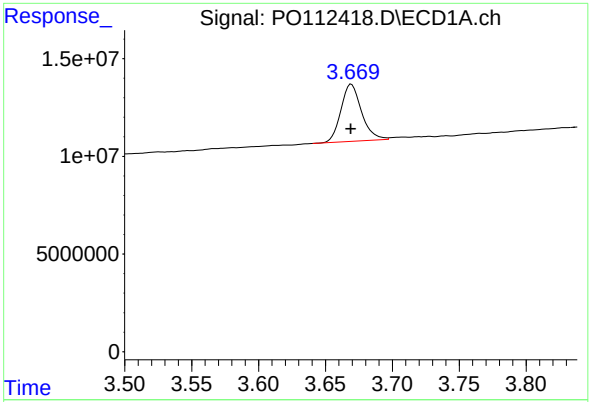
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







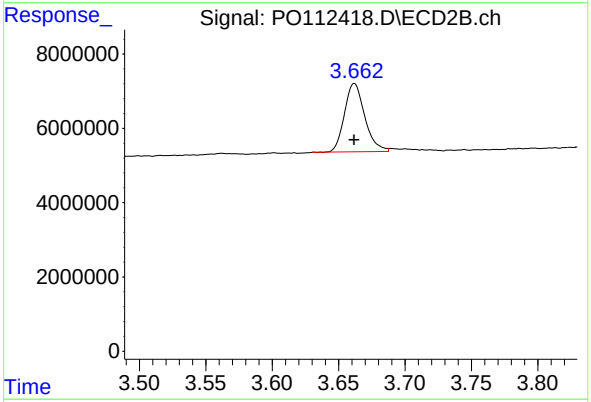
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

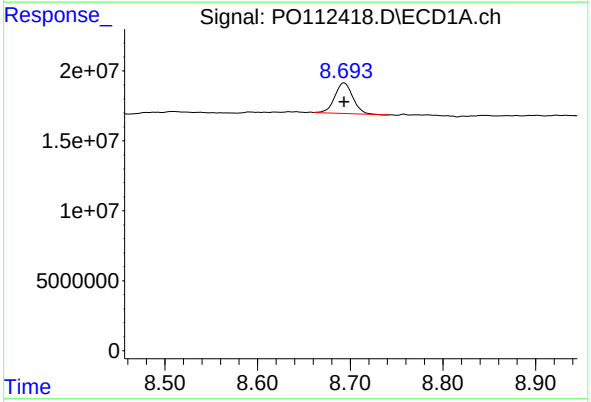
Manual Integrations APPROVED

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



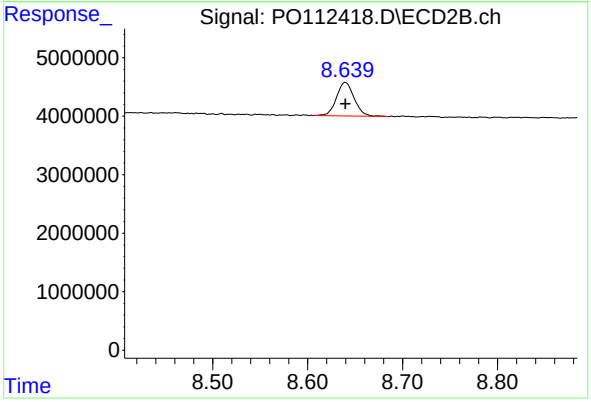
#1 Tetrachloro-m-xylene

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



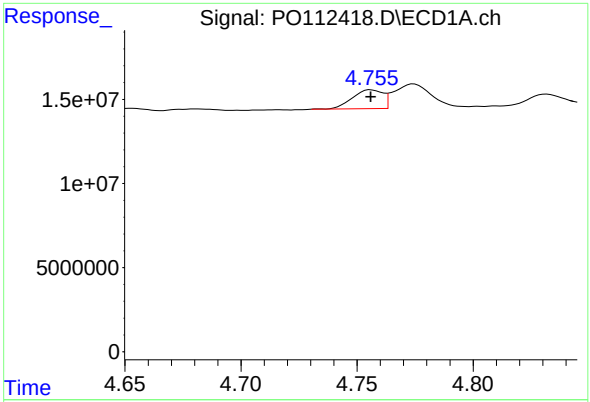
#2 Decachlorobiphenyl

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



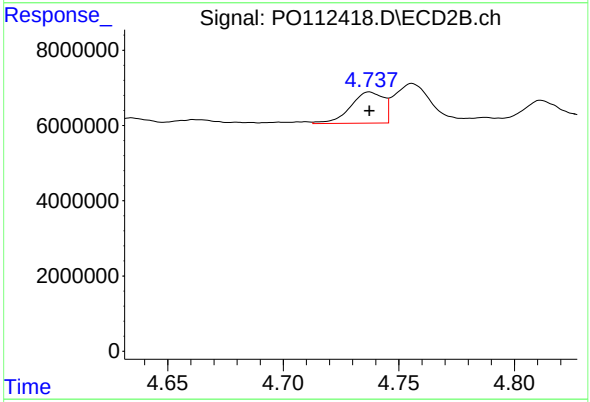
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

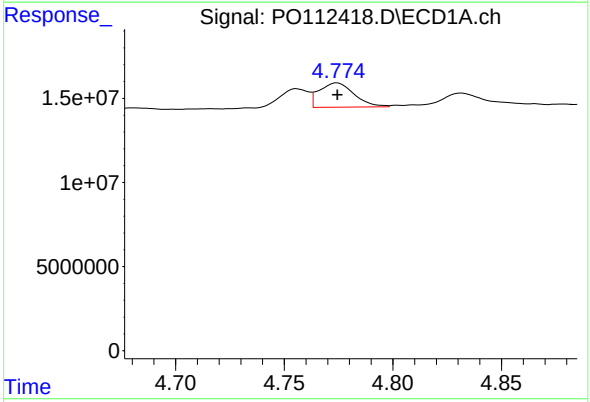
Manual Integrations APPROVED

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



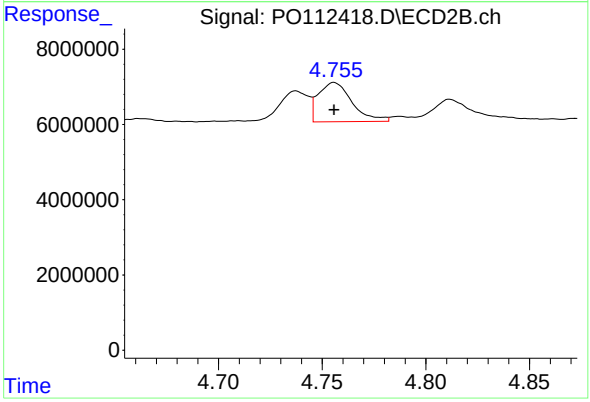
#3 AR-1016-1

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



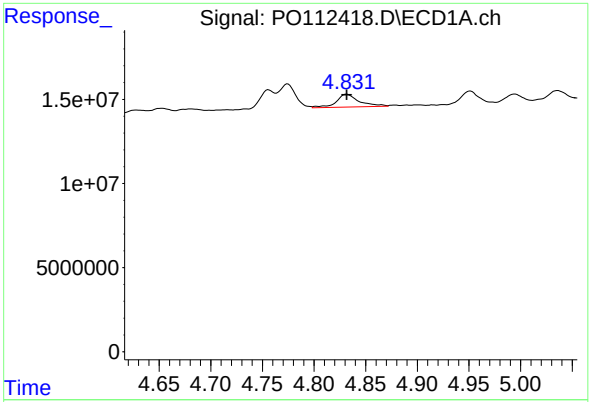
#4 AR-1016-2

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



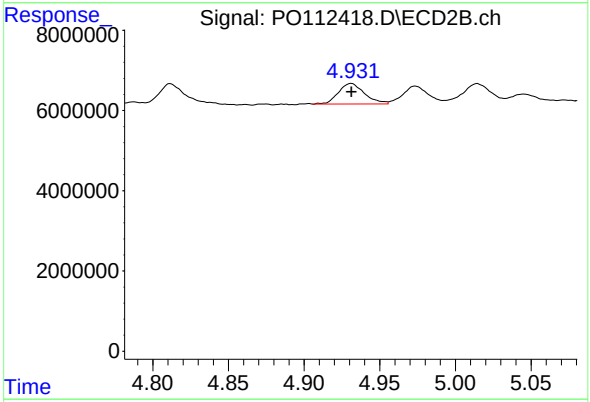
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

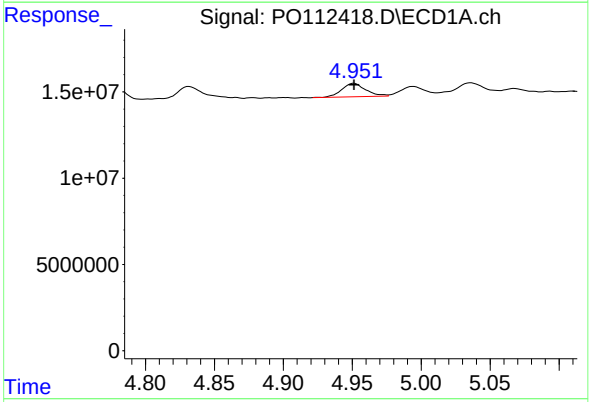
Manual Integrations APPROVED

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



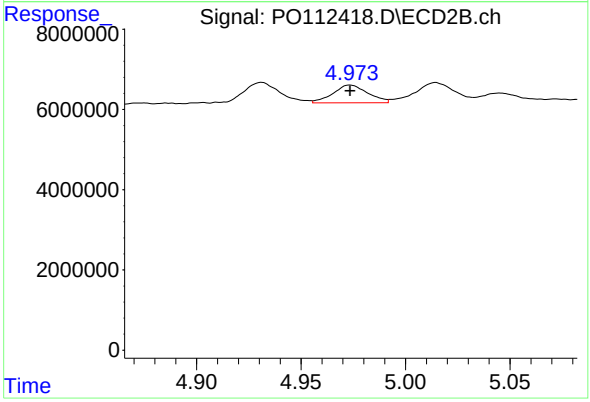
#5 AR-1016-3

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



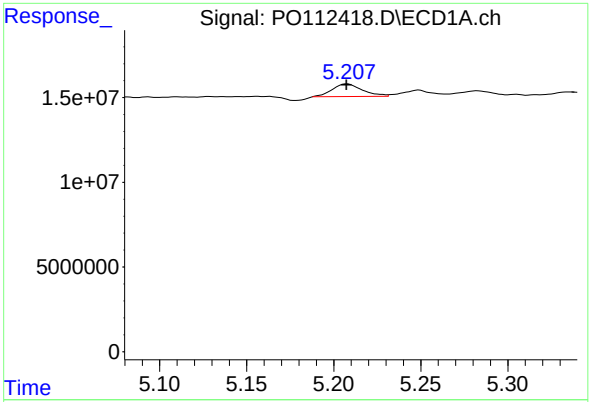
#6 AR-1016-4

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



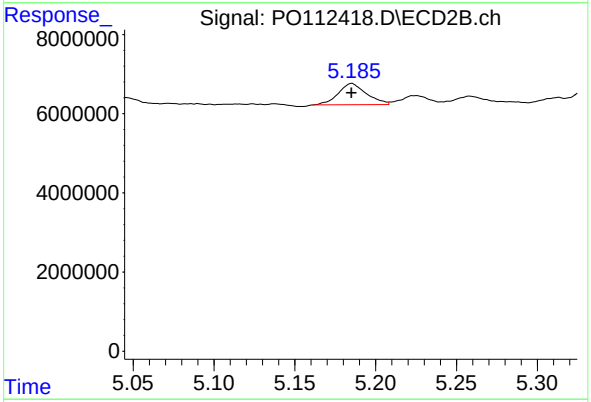
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

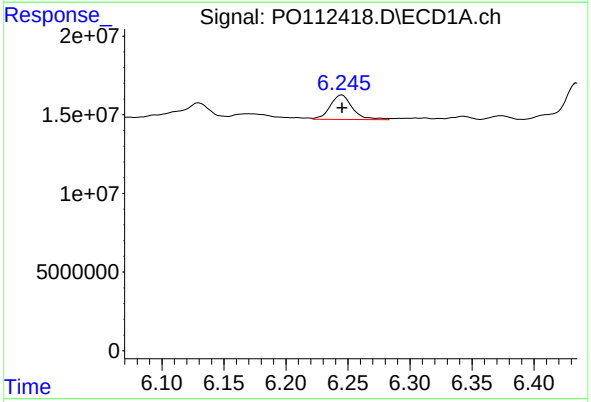
Manual Integrations APPROVED

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



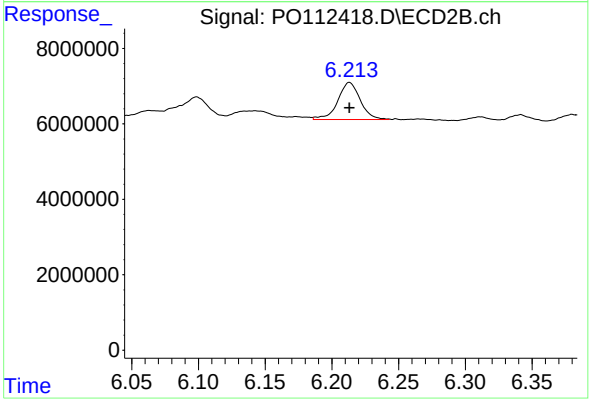
#7 AR-1016-5

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



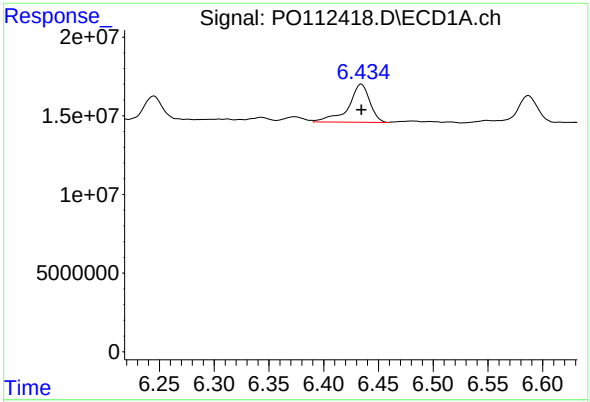
#31 AR-1260-1

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



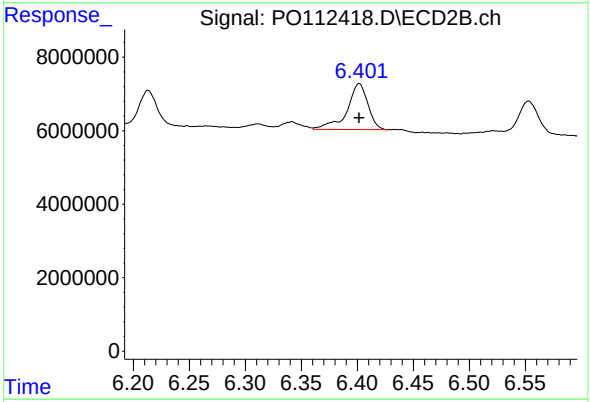
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

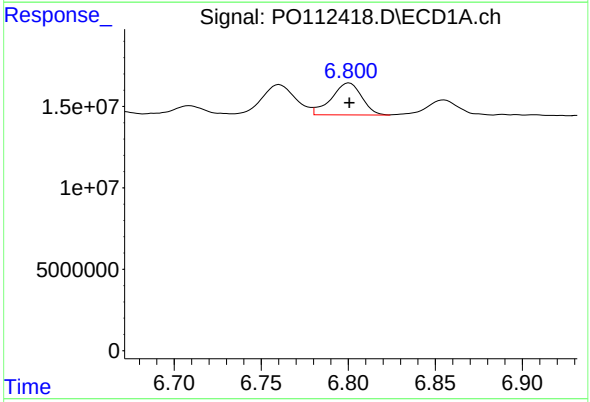
Manual Integrations APPROVED

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



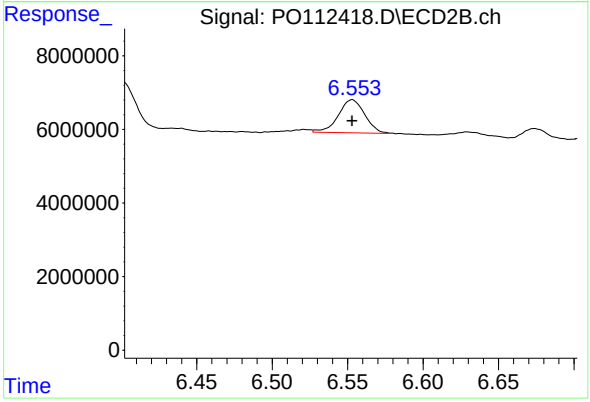
#32 AR-1260-2

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



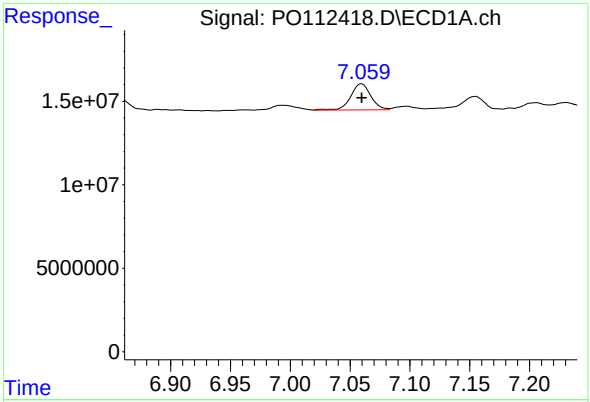
#33 AR-1260-3

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



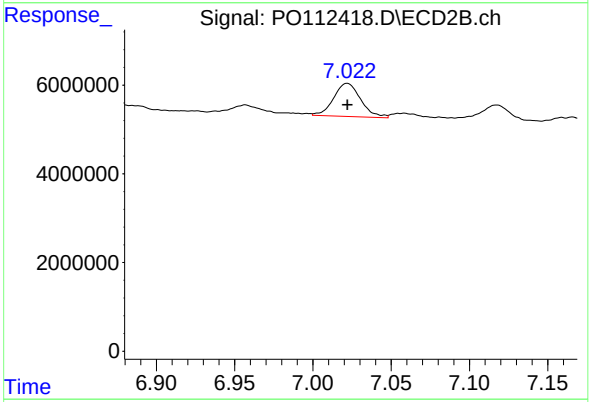
#34 AR-1260-4

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

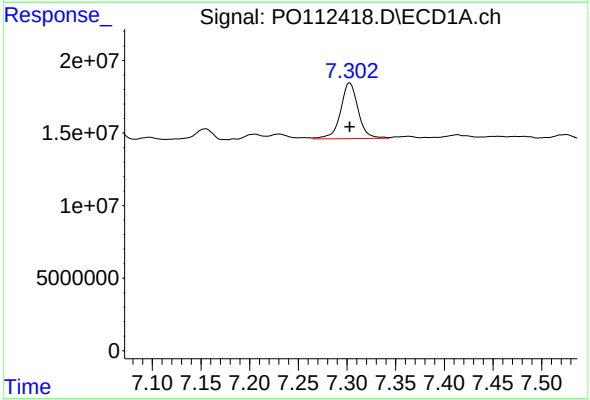
Manual Integrations APPROVED

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



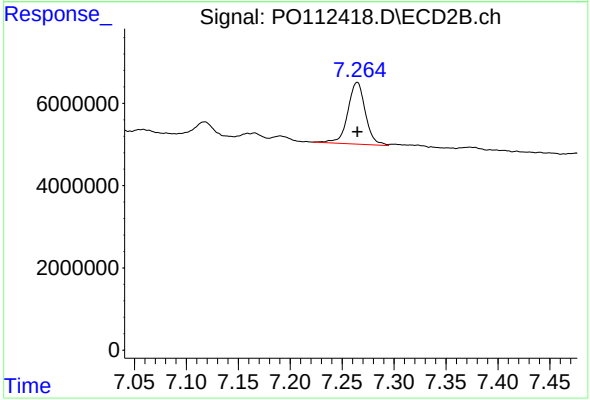
#34 AR-1260-4

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.

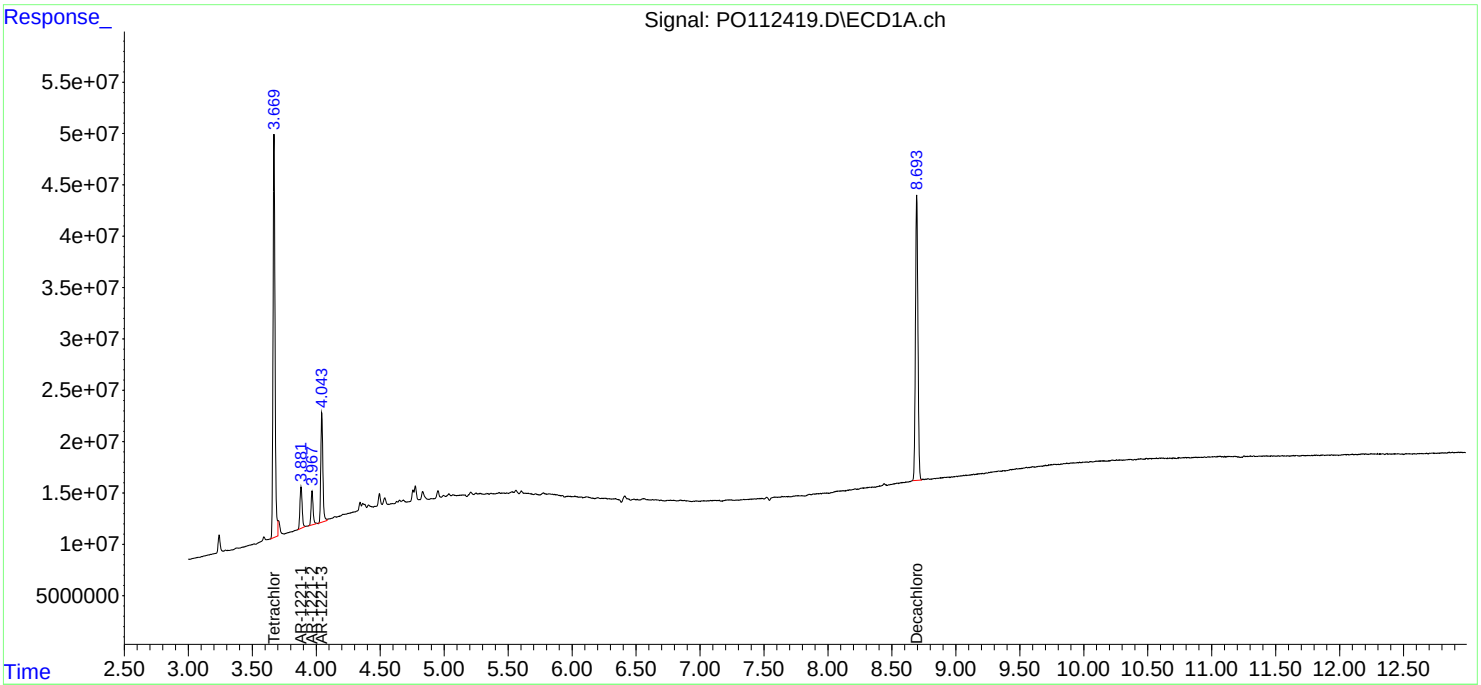
ICAL Form

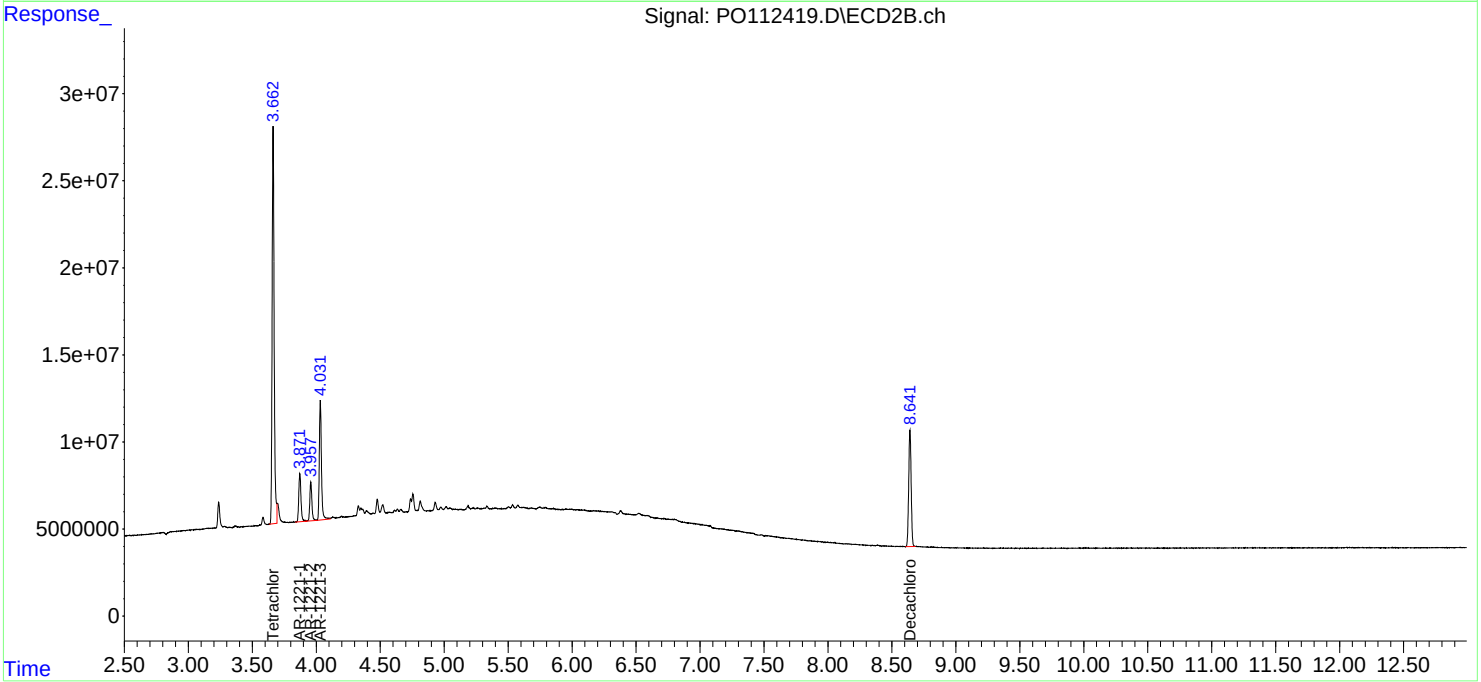
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:03
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

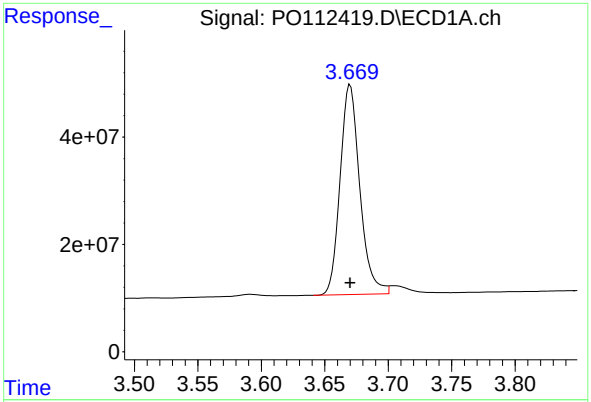
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

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



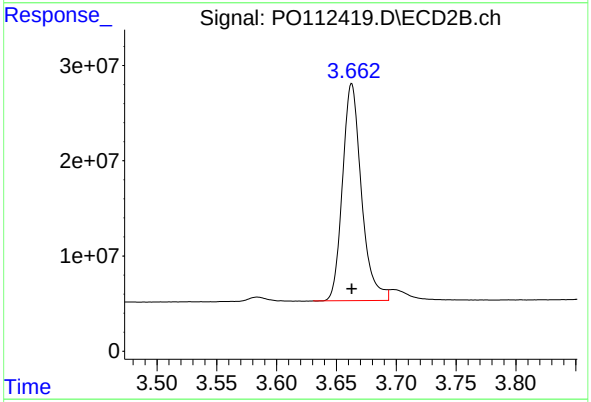




#1 Tetrachloro-m-xylene

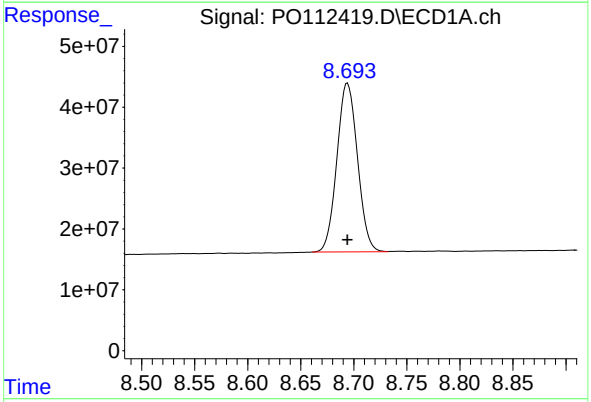
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 423227865
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



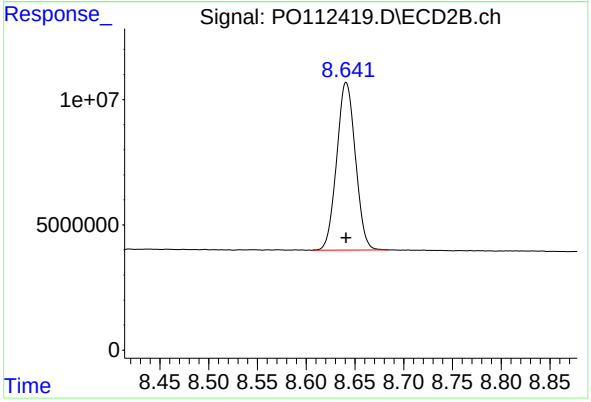
#1 Tetrachloro-m-xylene

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



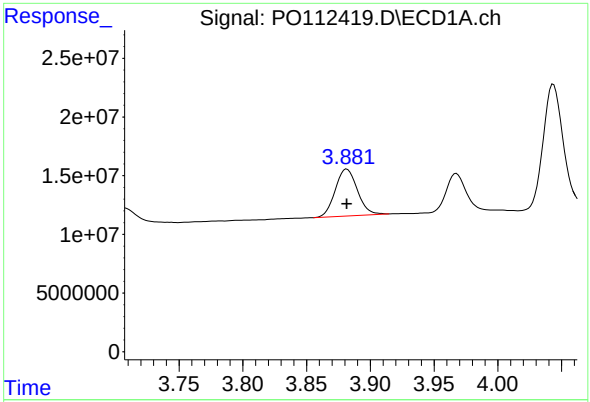
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

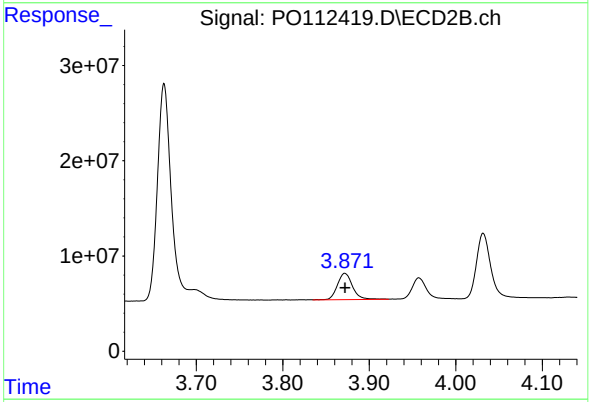
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 89450396
Conc: 50.00 ng/ml



#8 AR-1221-1

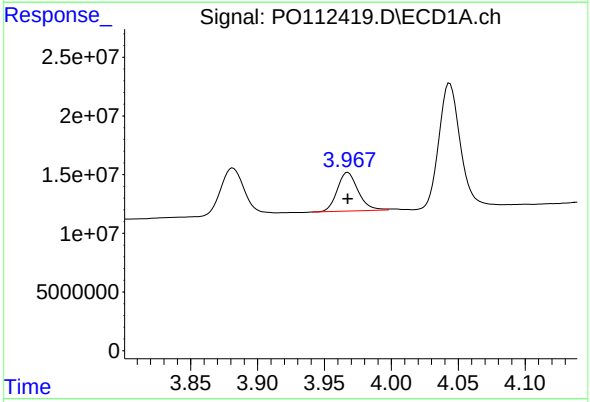
R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 48329823
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



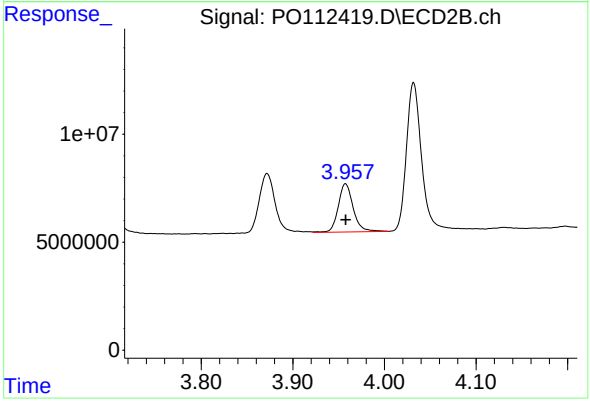
#8 AR-1221-1

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



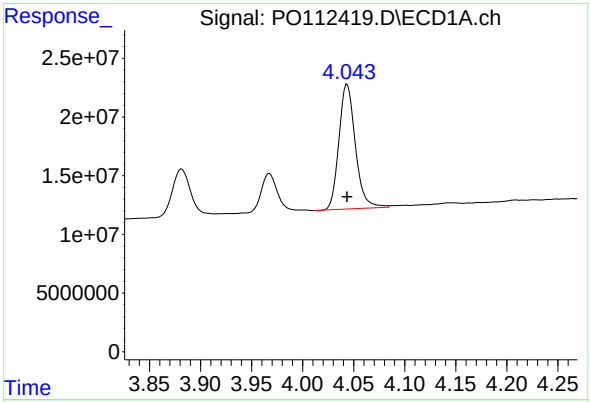
#9 AR-1221-2

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



#9 AR-1221-2

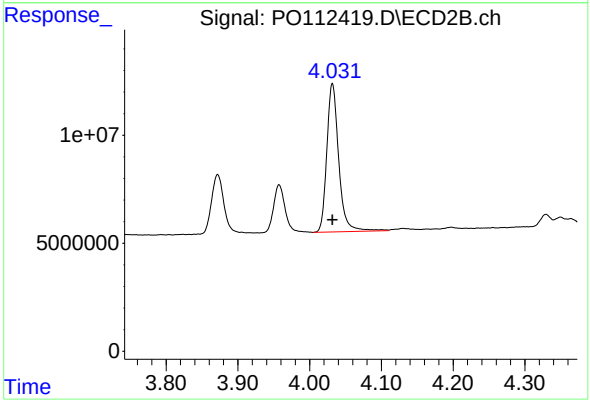
R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 25363994
Conc: 500.00 ng/ml



#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.

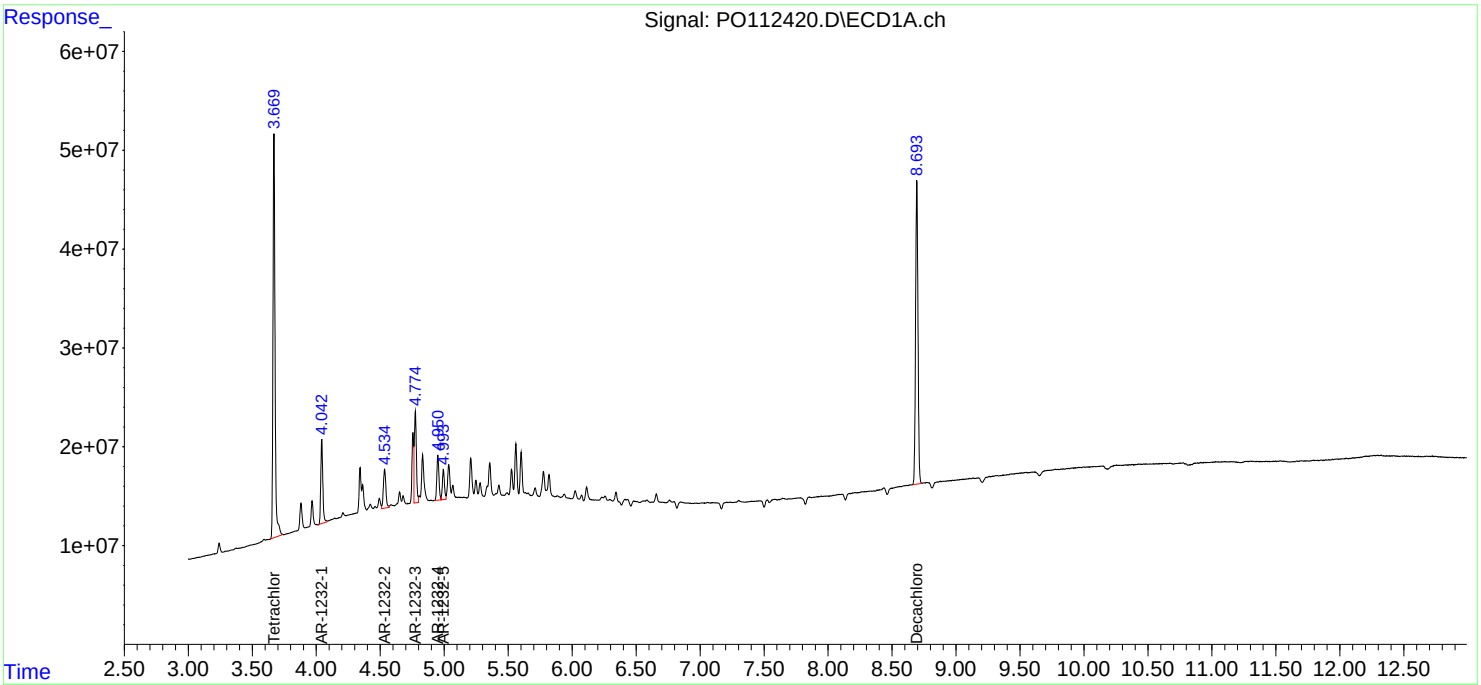
ICAL Form

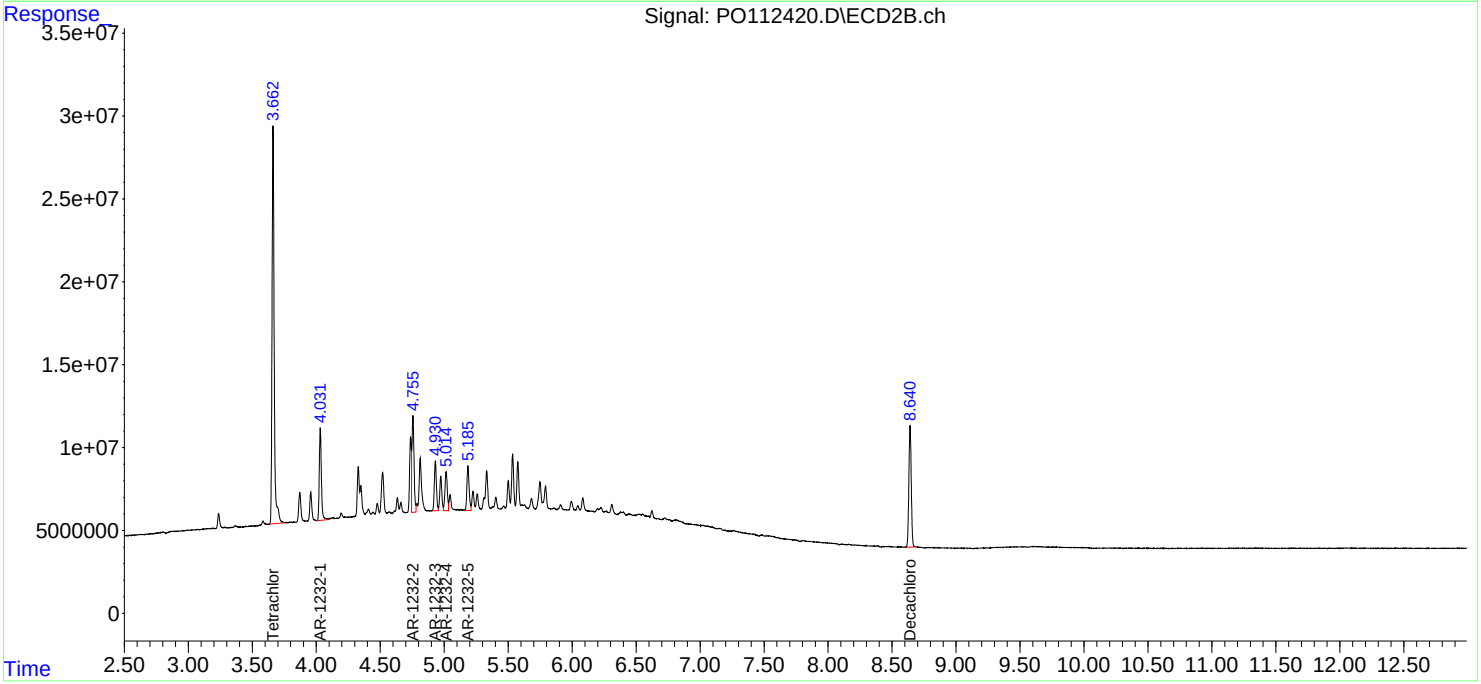
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:22
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

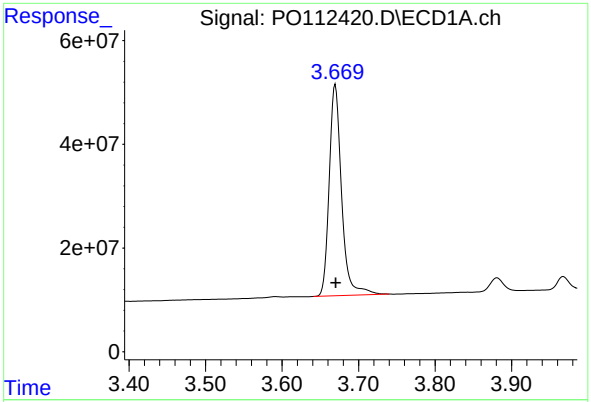
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

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



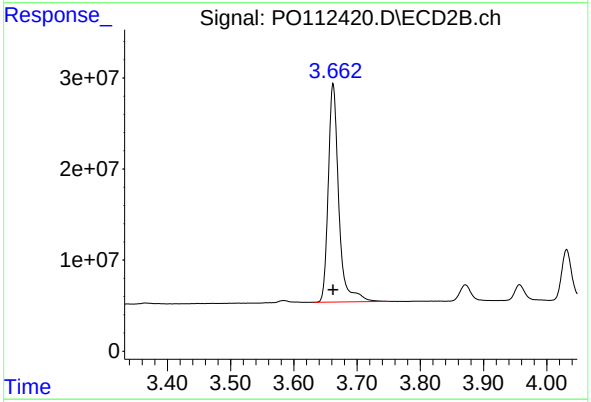




#1 Tetrachloro-m-xylene

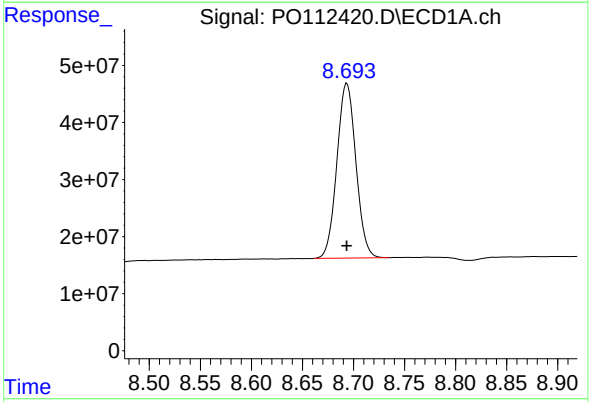
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 456891808
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



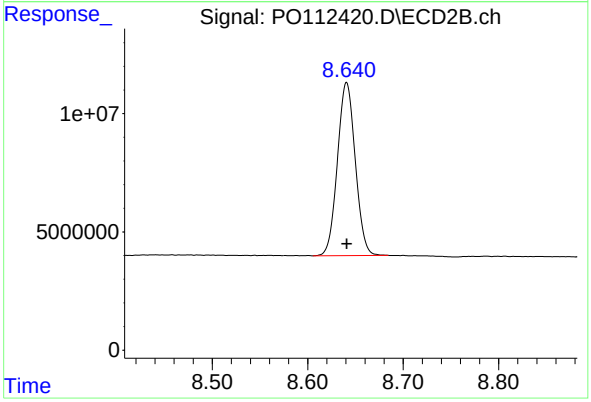
#1 Tetrachloro-m-xylene

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



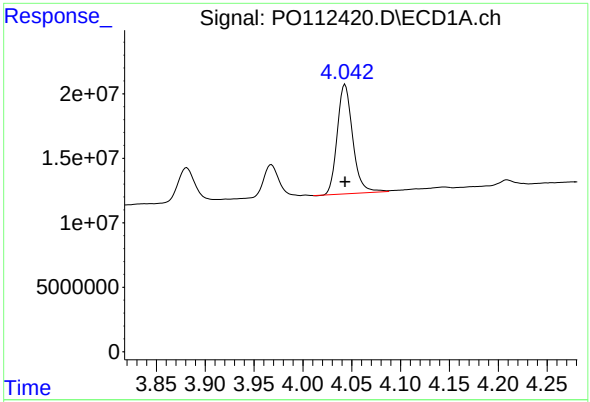
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

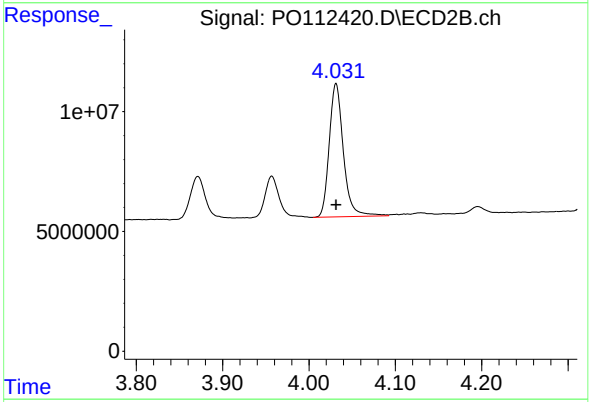
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 95040741
Conc: 50.00 ng/ml



#11 AR-1232-1

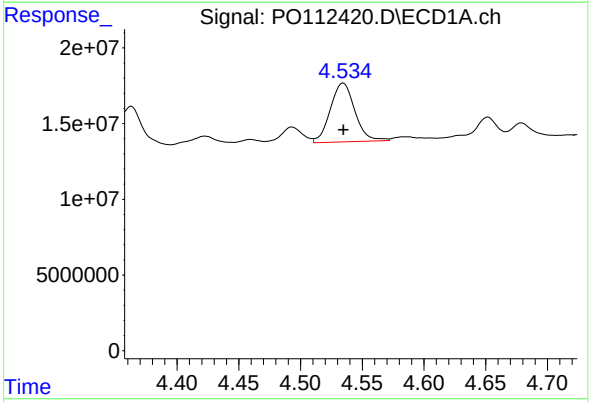
R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 93489328
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



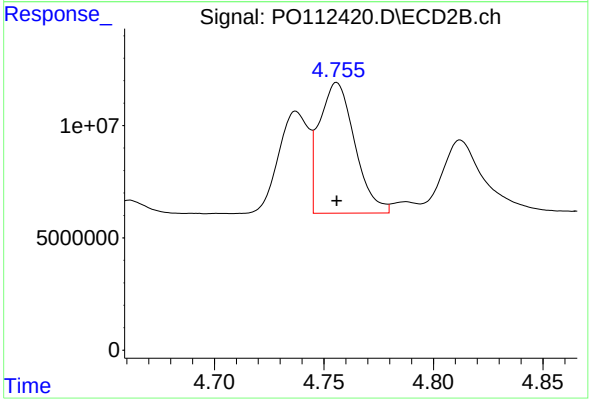
#11 AR-1232-1

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



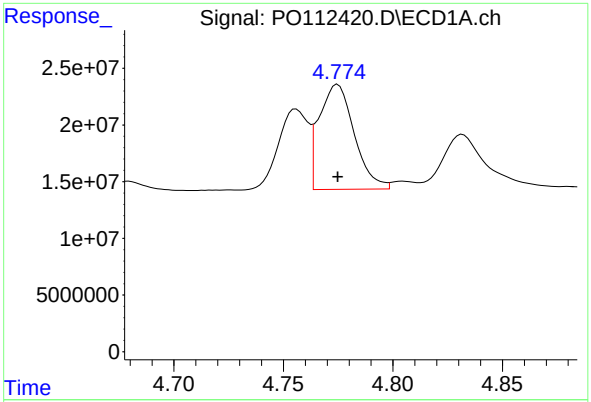
#12 AR-1232-2

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



#12 AR-1232-2

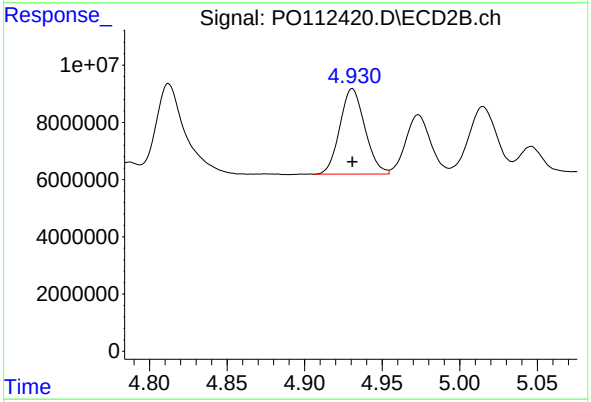
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 65577392
Conc: 500.00 ng/ml



#13 AR-1232-3

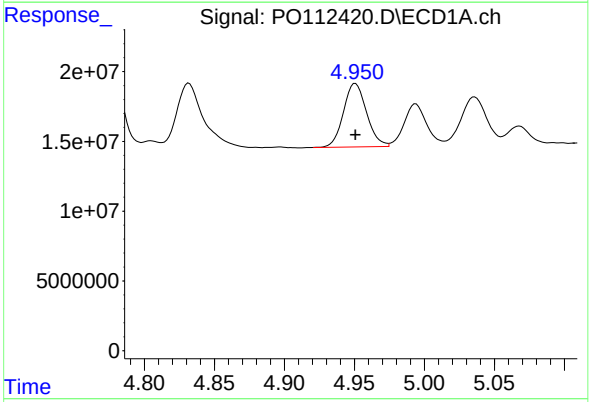
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 103399628
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



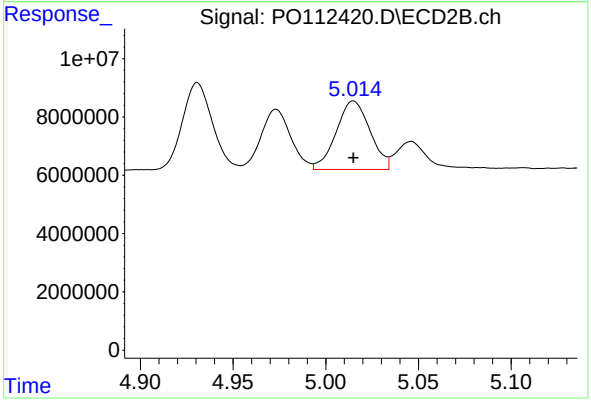
#13 AR-1232-3

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



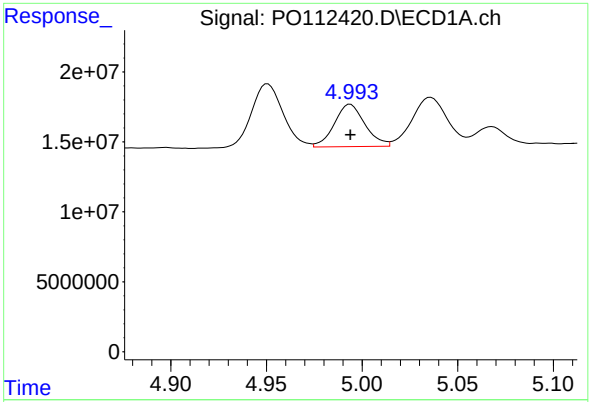
#14 AR-1232-4

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



#14 AR-1232-4

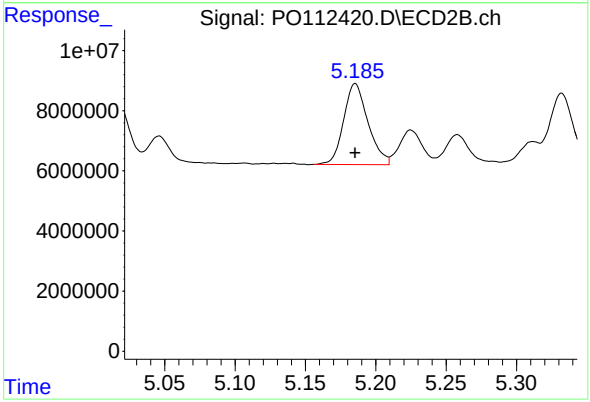
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 29914546
Conc: 500.00 ng/ml



#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.

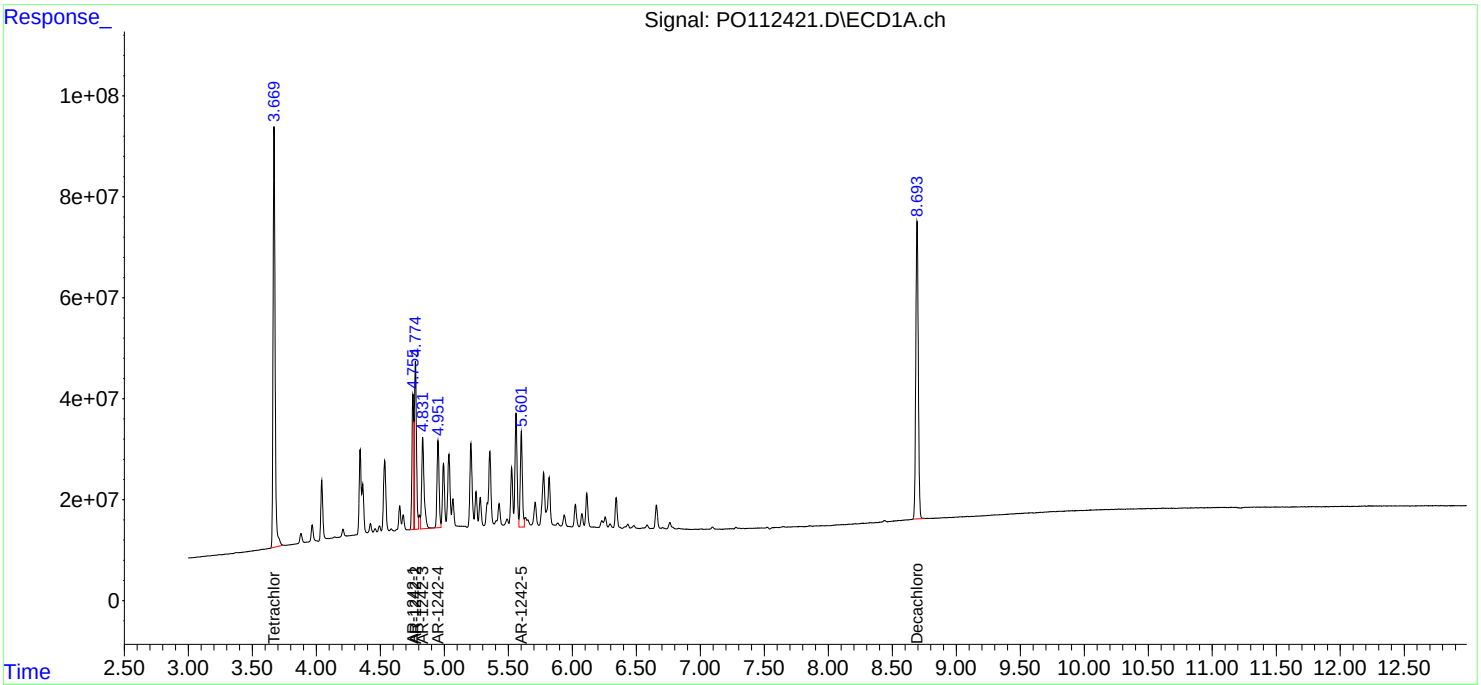
ICAL Form

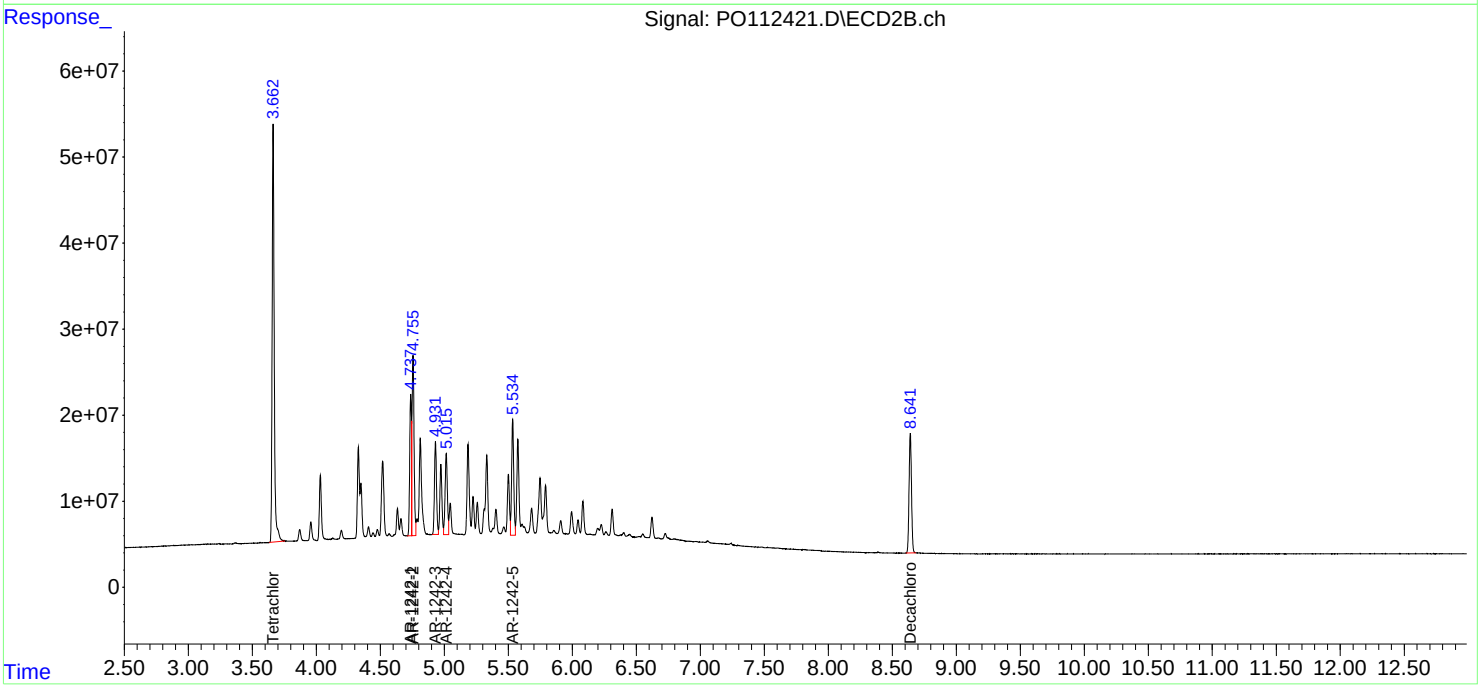
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:40
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

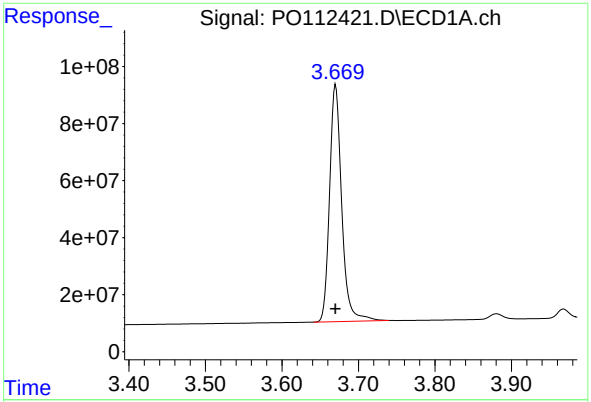
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

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



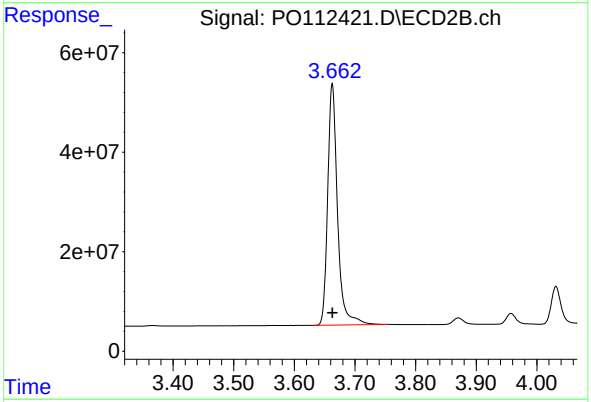




#1 Tetrachloro-m-xylene

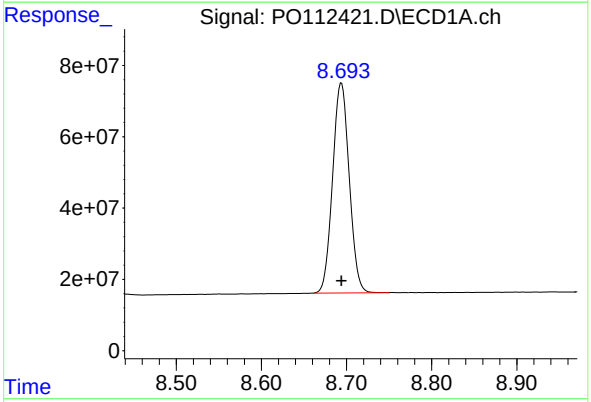
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 912565223
Conc: 99.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



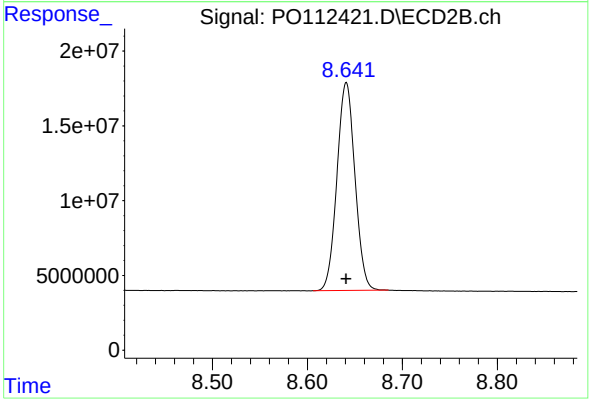
#1 Tetrachloro-m-xylene

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



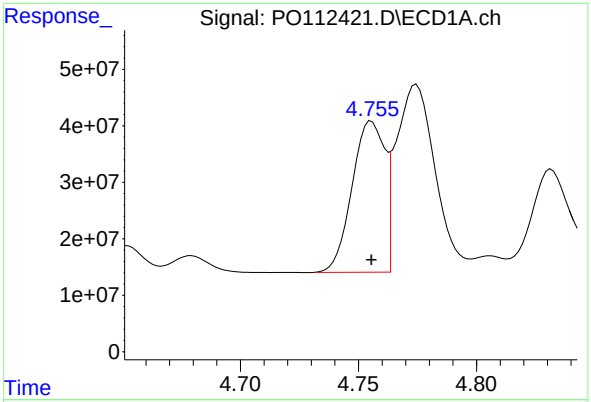
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

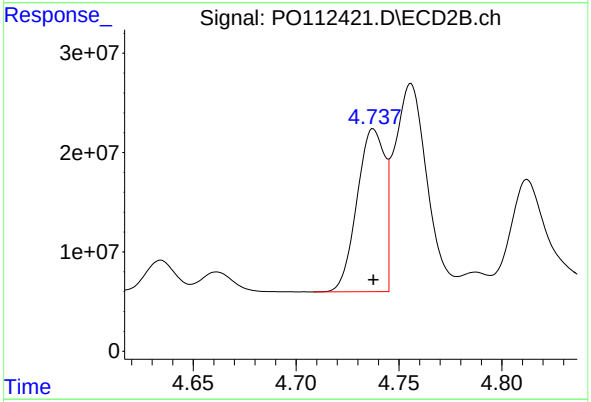
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 183160404
Conc: 97.54 ng/ml



#16 AR-1242-1

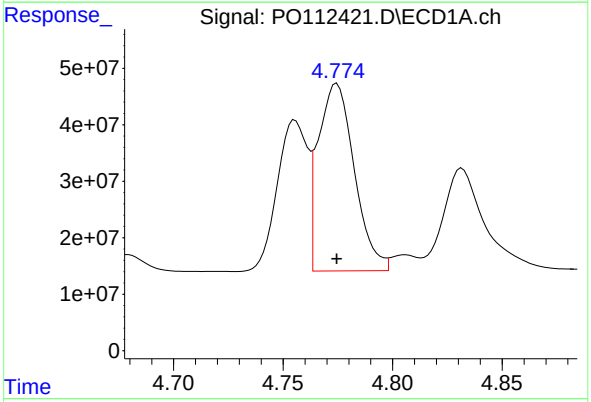
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 256299409
Conc: 991.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



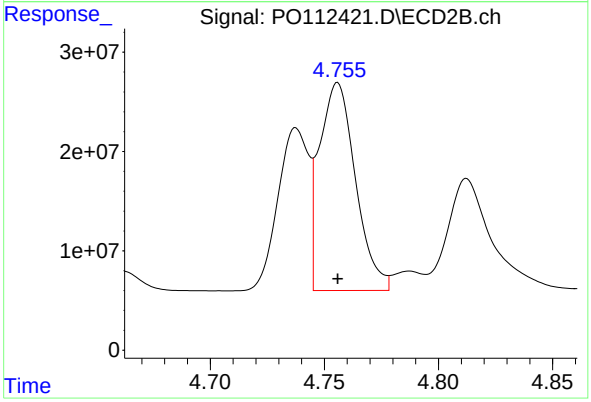
#16 AR-1242-1

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



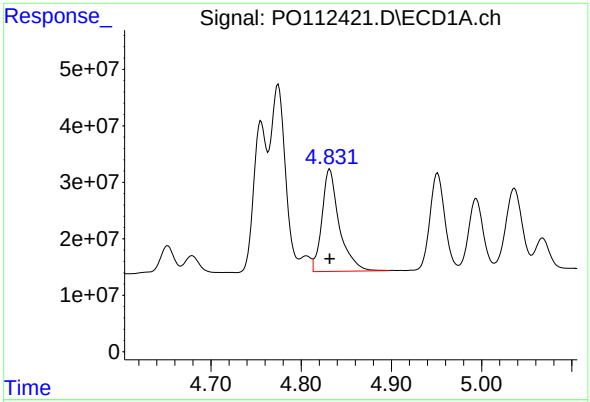
#17 AR-1242-2

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



#17 AR-1242-2

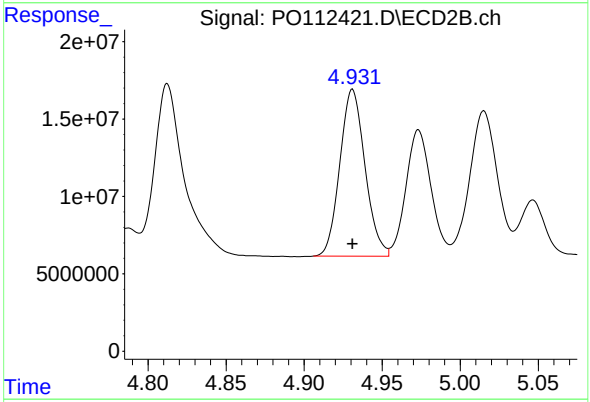
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 230553136
Conc: 976.16 ng/ml



#18 AR-1242-3

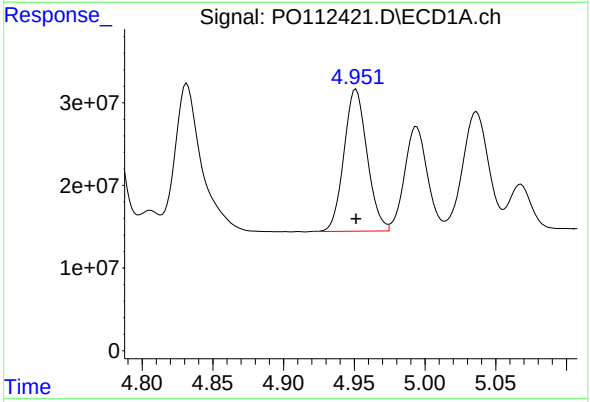
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 241769617
Conc: 986.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



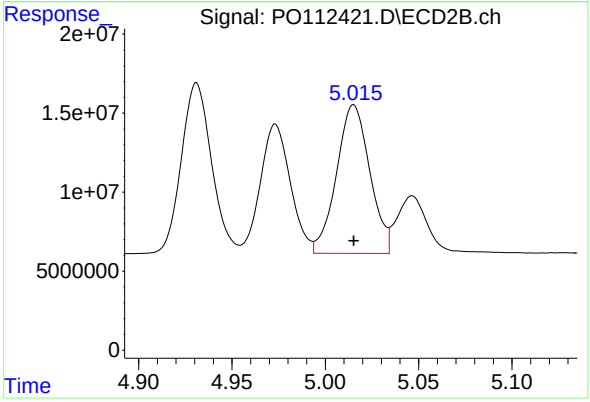
#18 AR-1242-3

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



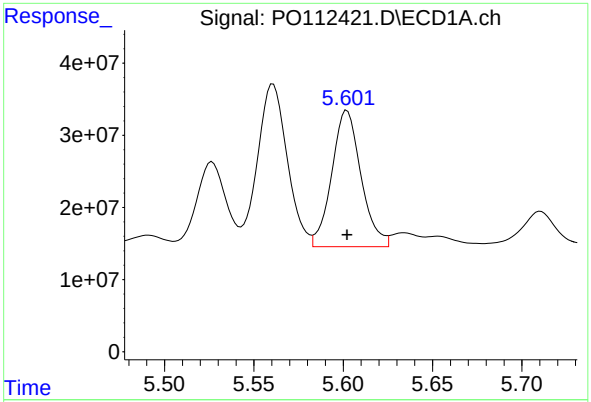
#19 AR-1242-4

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



#19 AR-1242-4

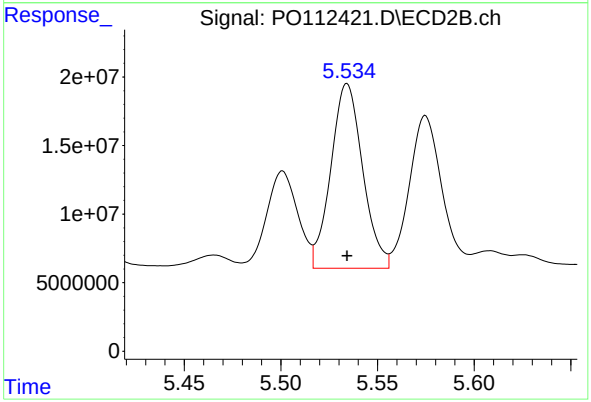
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 116921071
Conc: 969.69 ng/ml



#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.

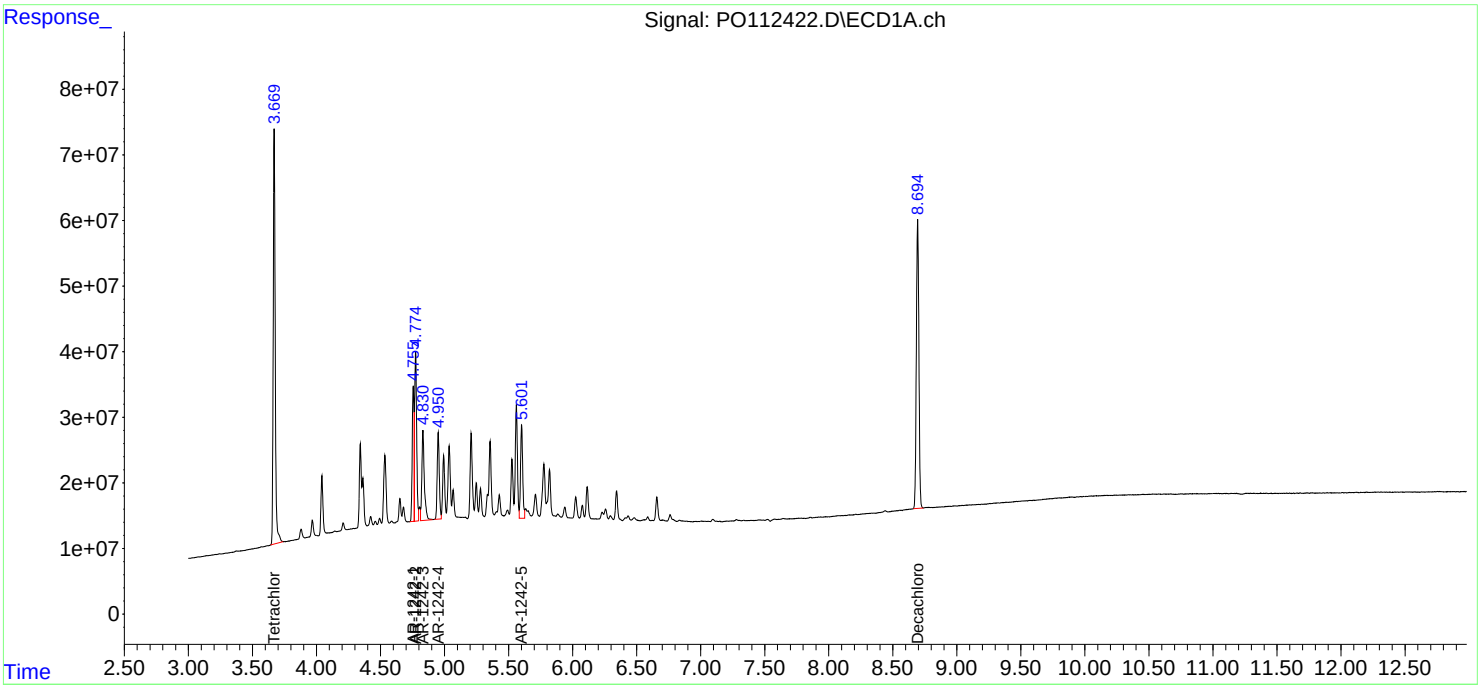
ICAL Form

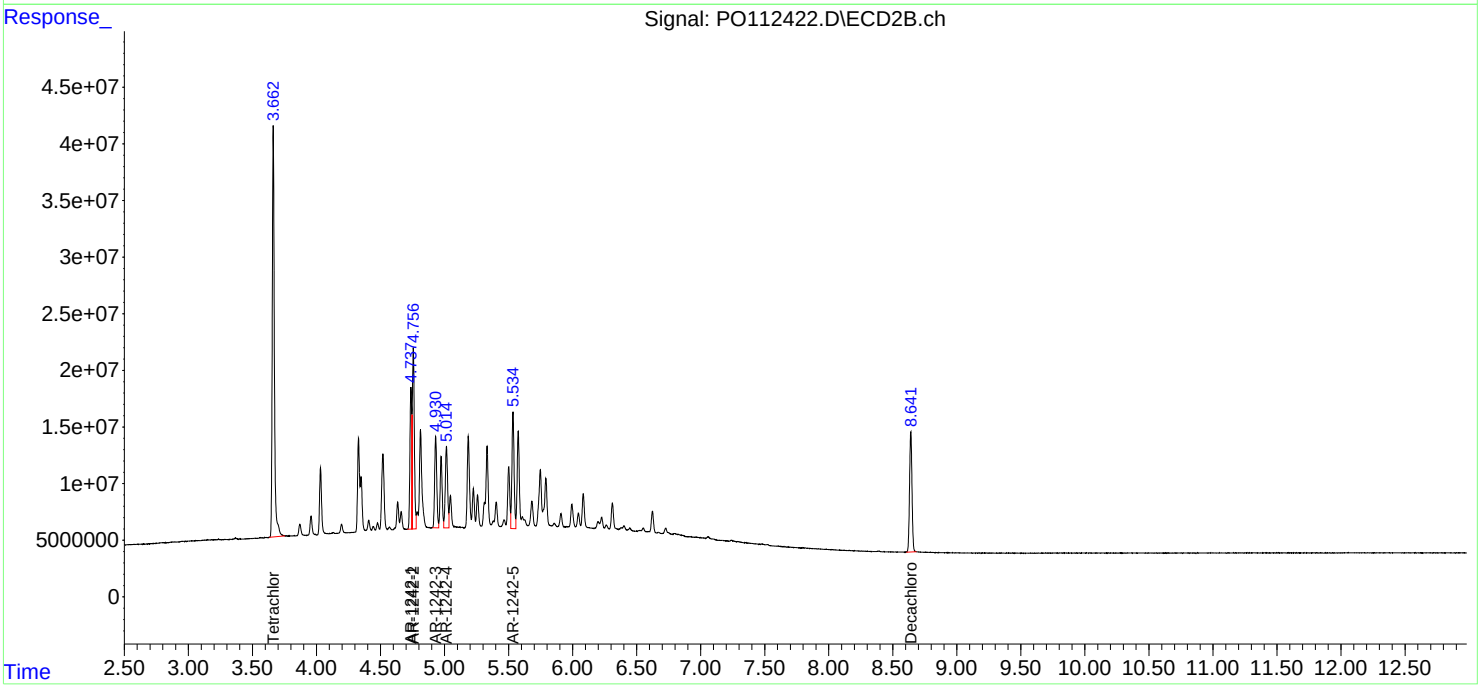
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:59
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

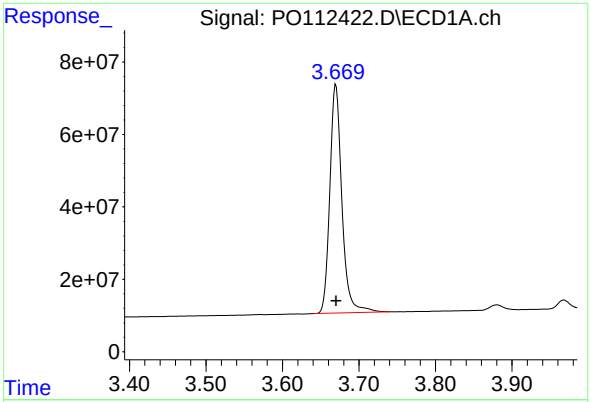
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

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



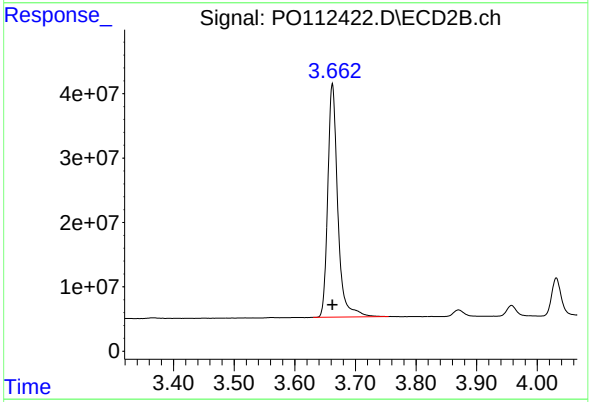




#1 Tetrachloro-m-xylene

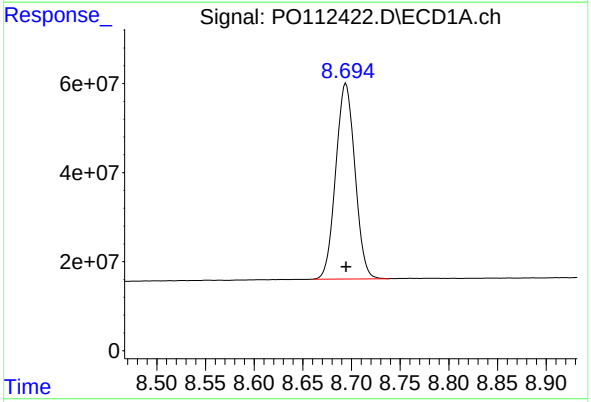
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 689642409
Conc: 75.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



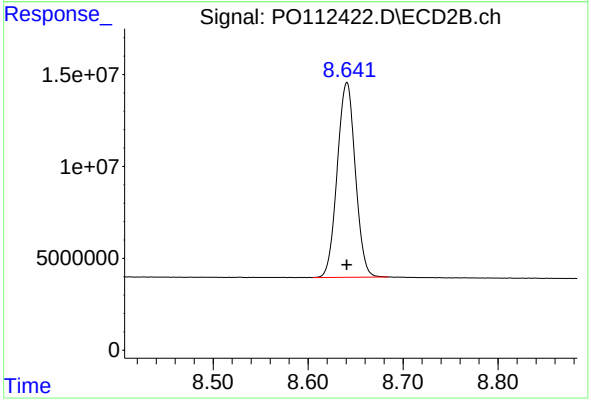
#1 Tetrachloro-m-xylene

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



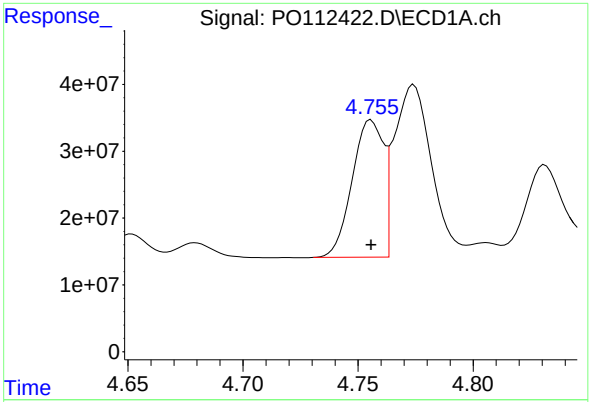
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

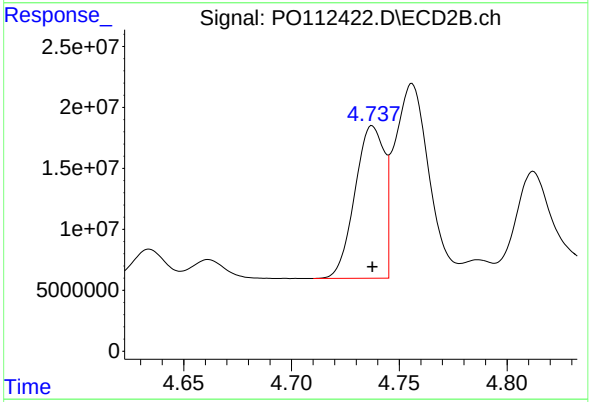
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 140388070
Conc: 74.84 ng/ml



#16 AR-1242-1

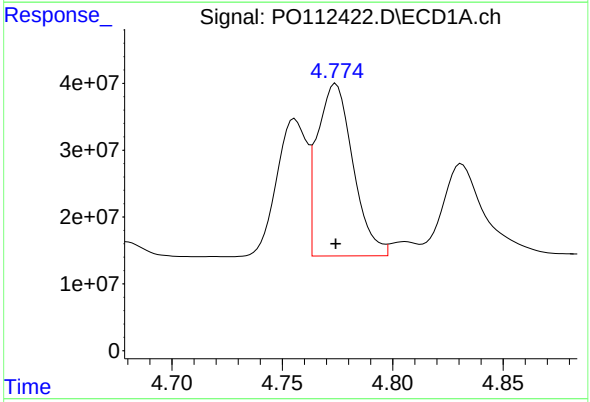
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 194676689
Conc: 752.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



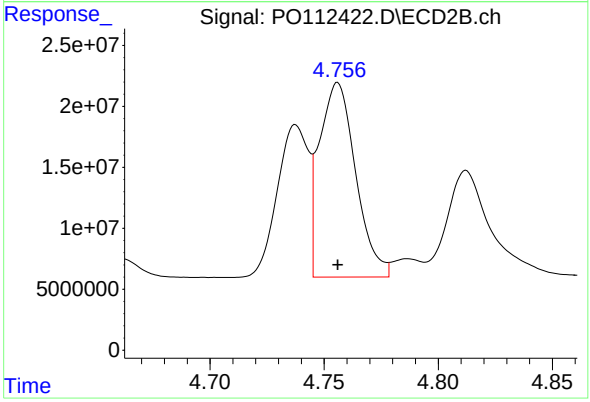
#16 AR-1242-1

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



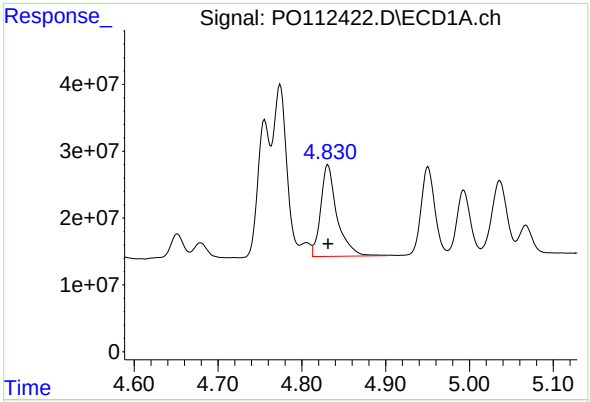
#17 AR-1242-2

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



#17 AR-1242-2

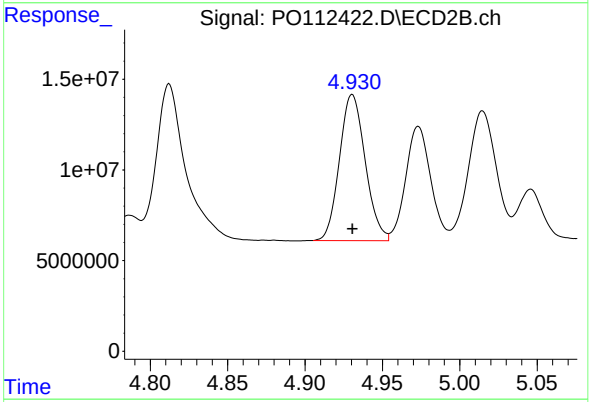
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 177174842
Conc: 750.10 ng/ml



#18 AR-1242-3

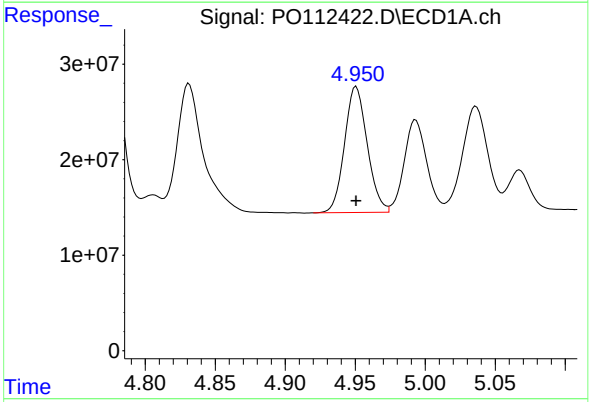
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 184857008
Conc: 752.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



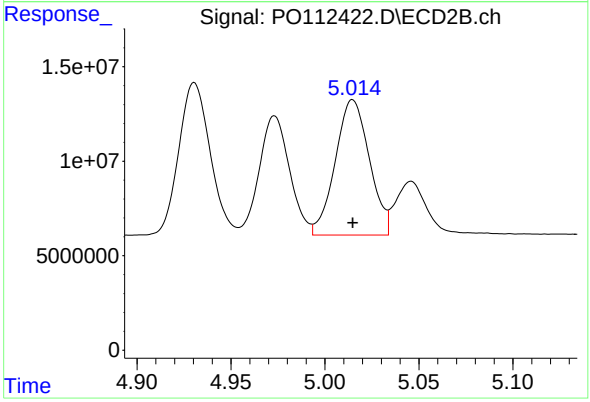
#18 AR-1242-3

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



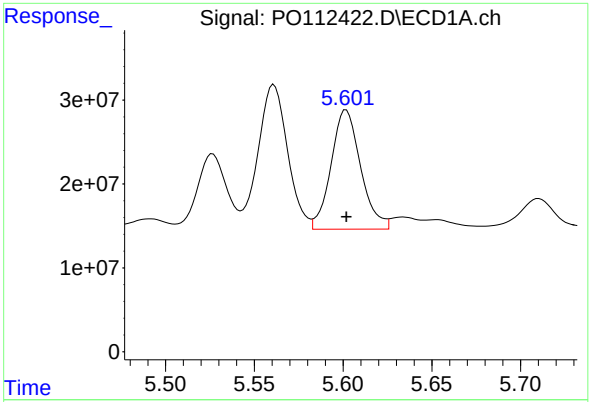
#19 AR-1242-4

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



#19 AR-1242-4

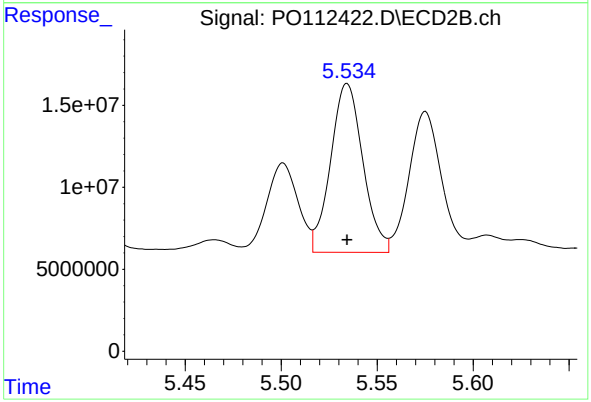
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 90566785
Conc: 750.75 ng/ml



#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.

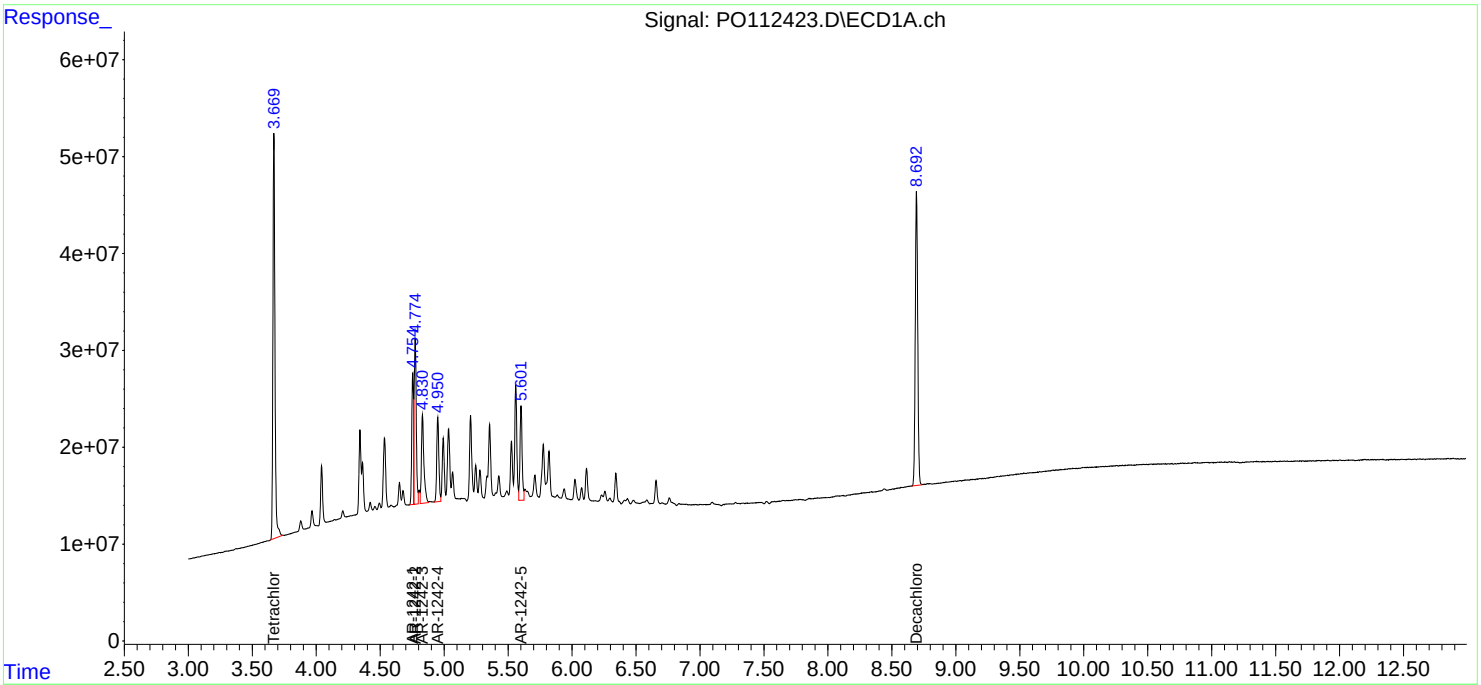
ICAL Form

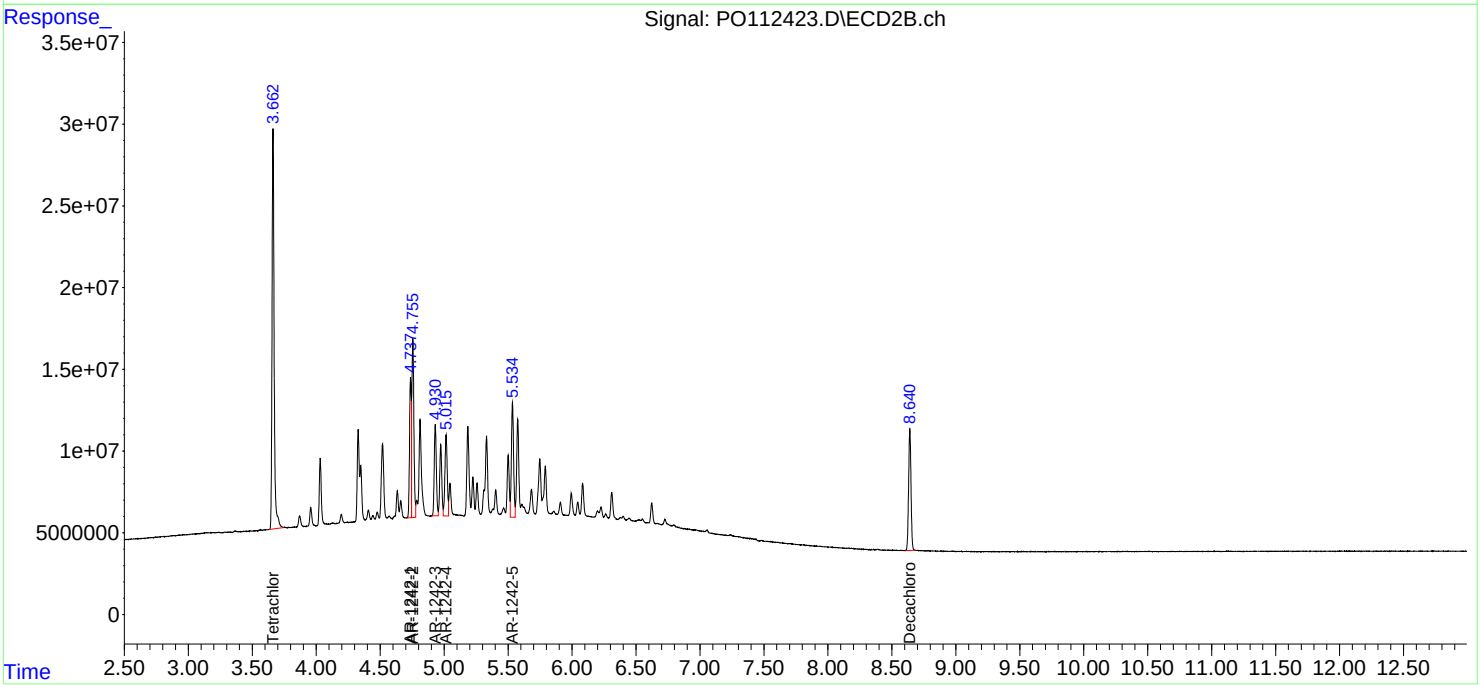
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:17
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

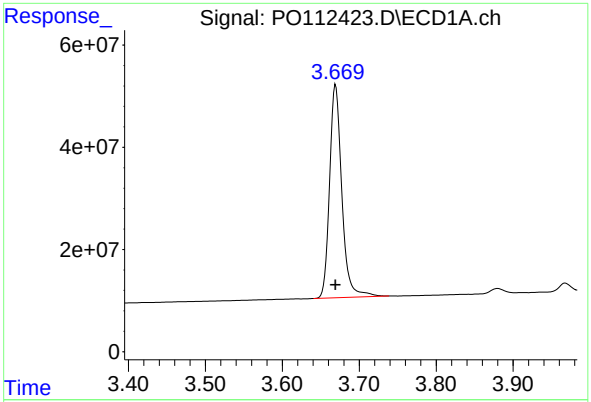
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

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



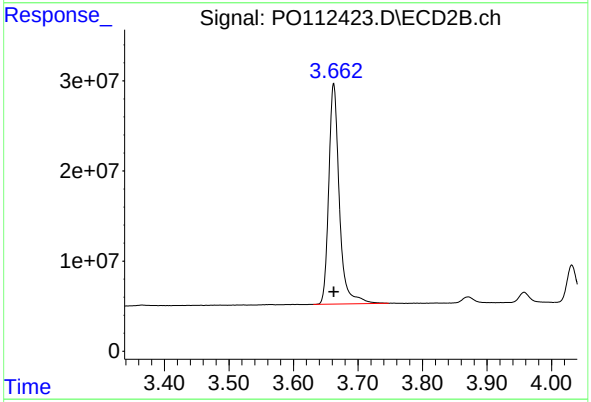




#1 Tetrachloro-m-xylene

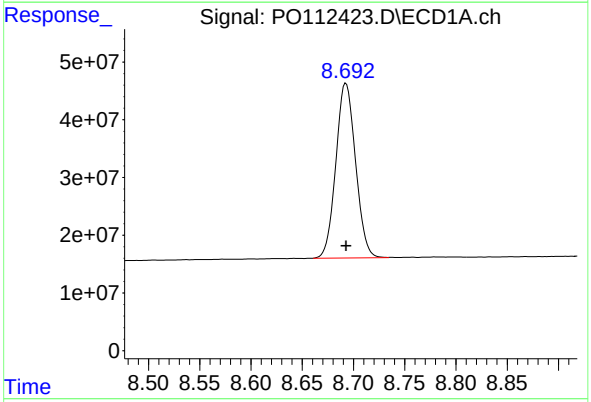
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 460974572
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



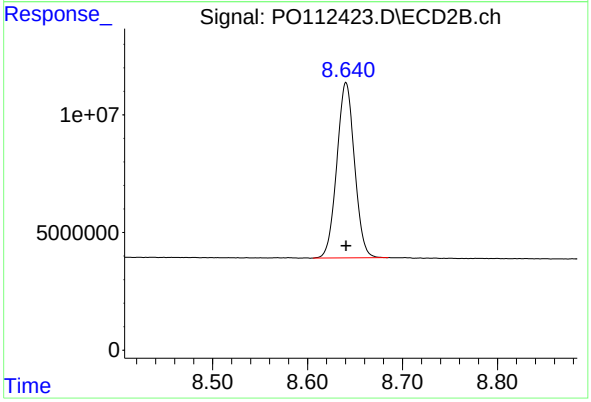
#1 Tetrachloro-m-xylene

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



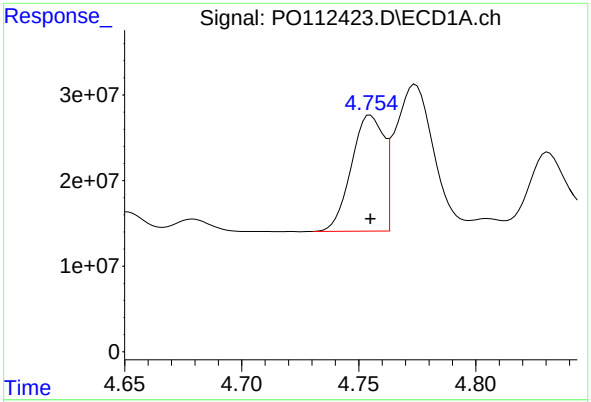
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

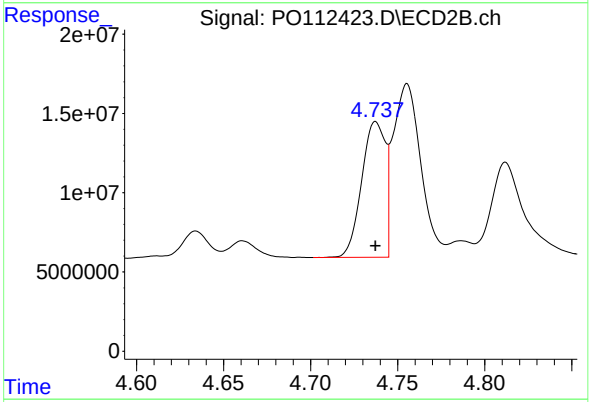
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 96205236
Conc: 50.00 ng/ml



#16 AR-1242-1

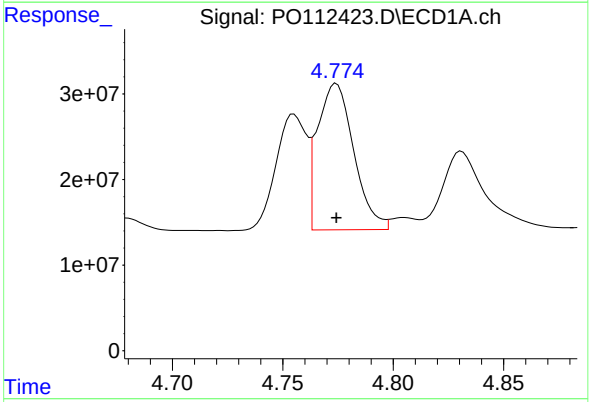
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 130330227
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



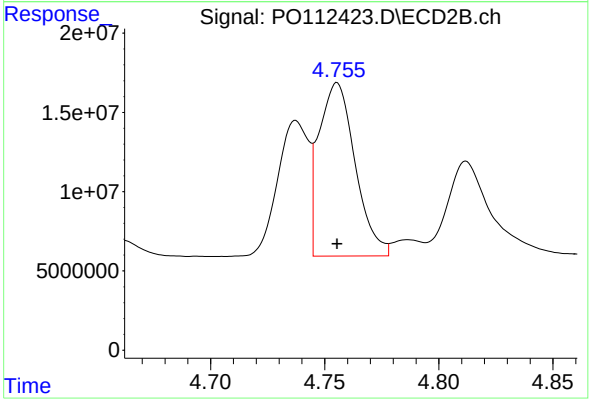
#16 AR-1242-1

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



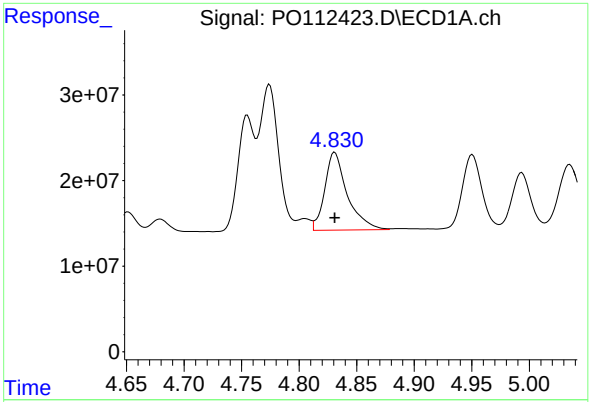
#17 AR-1242-2

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



#17 AR-1242-2

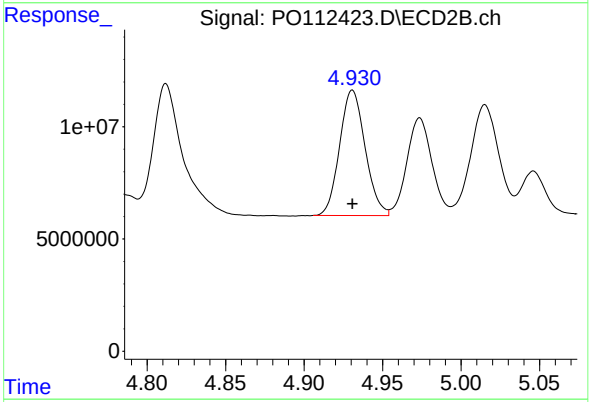
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 120908349
Conc: 500.00 ng/ml



#18 AR-1242-3

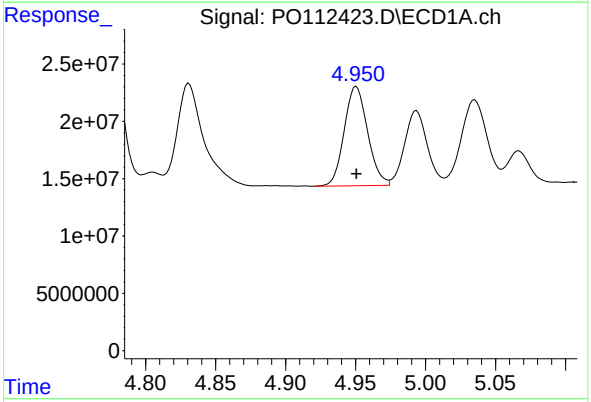
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 124157527
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



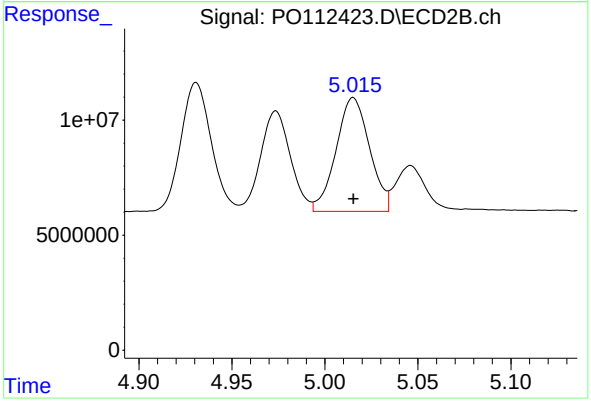
#18 AR-1242-3

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



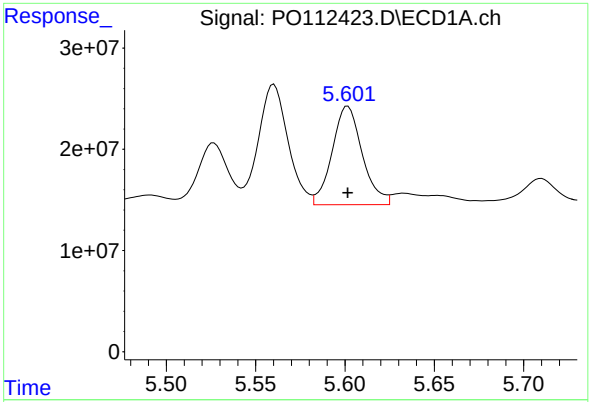
#19 AR-1242-4

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



#19 AR-1242-4

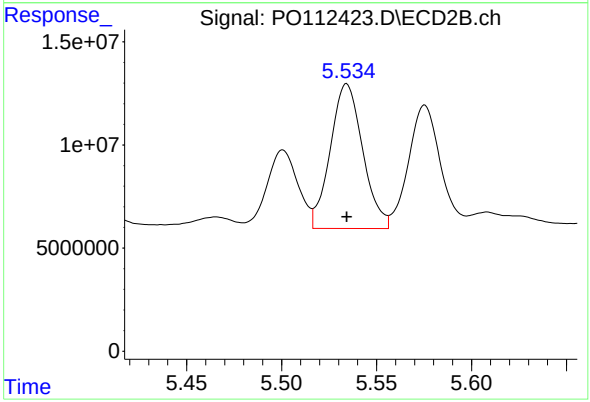
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 62114890
Conc: 500.00 ng/ml



#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

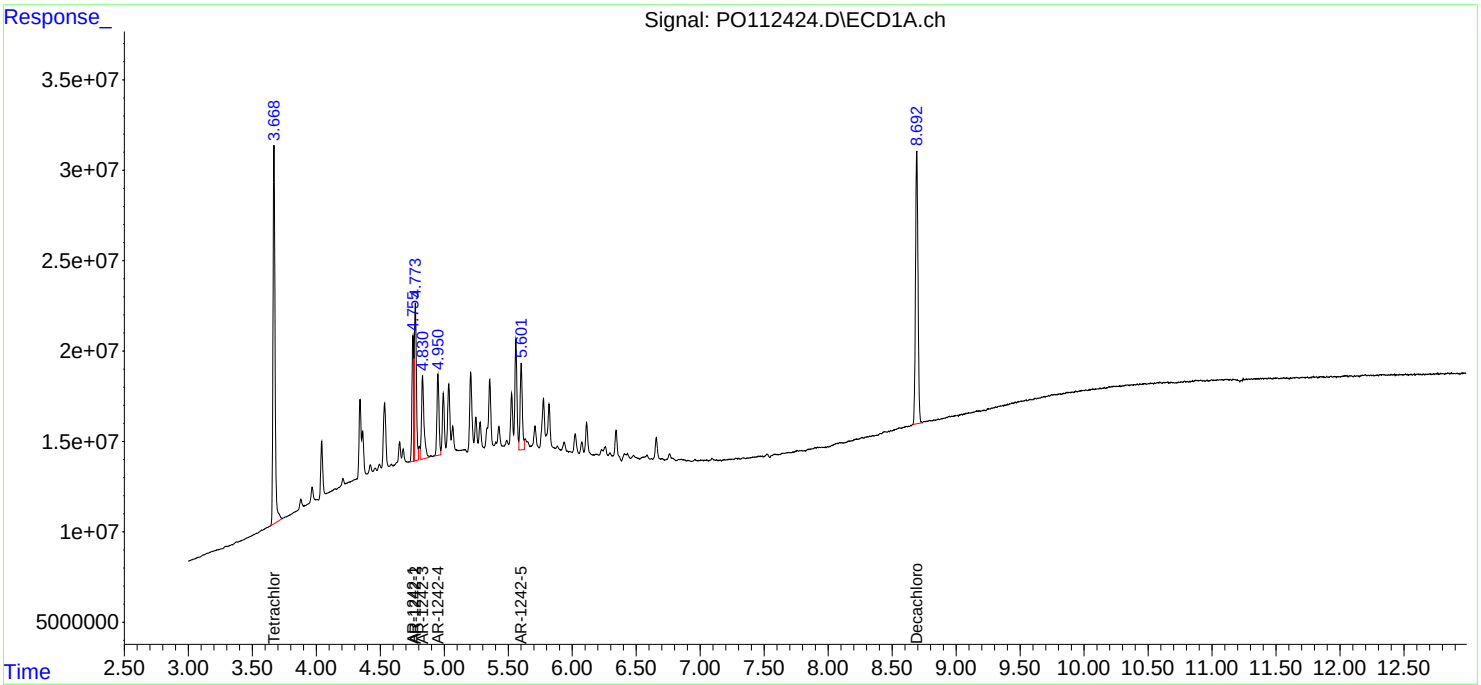
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

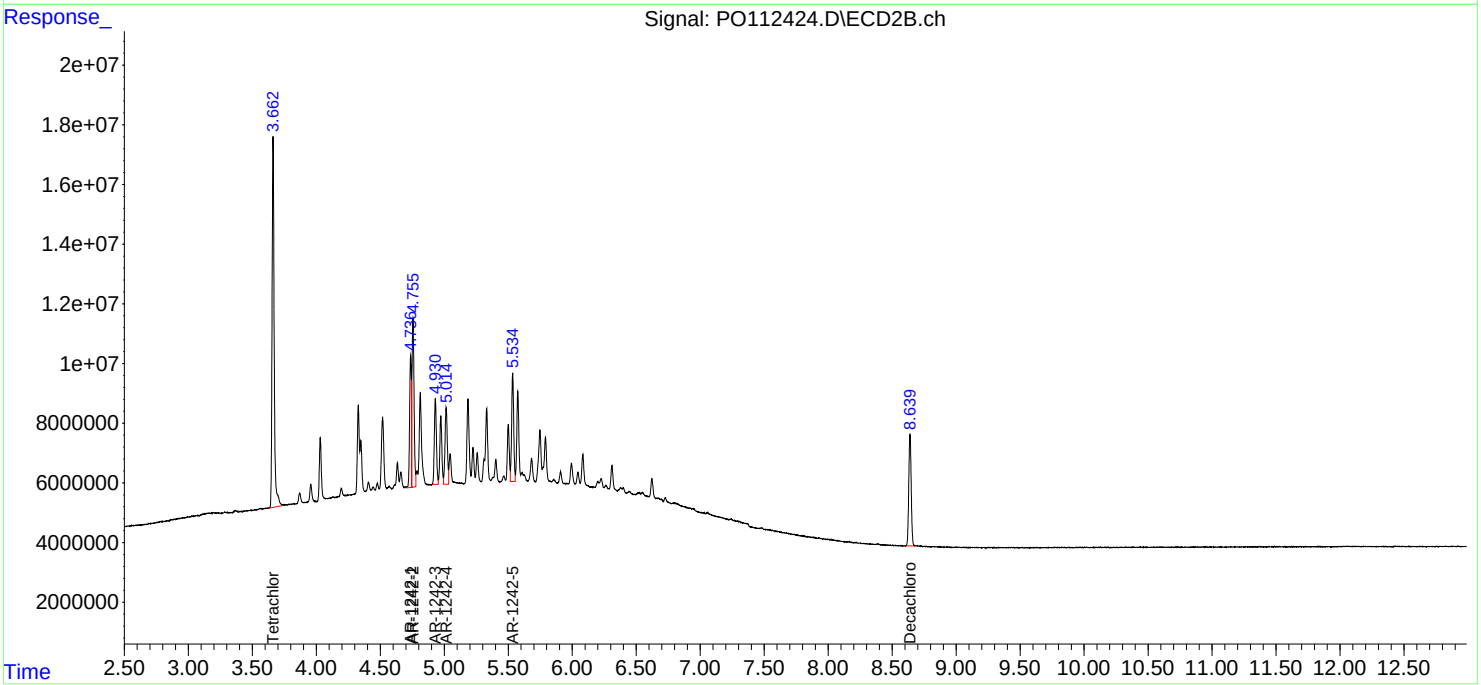
Manual Integrations APPROVED

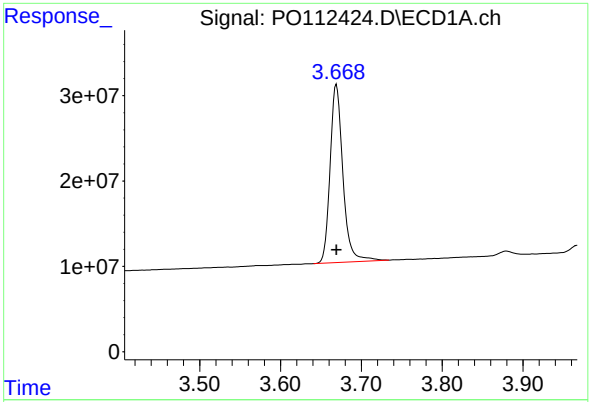
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







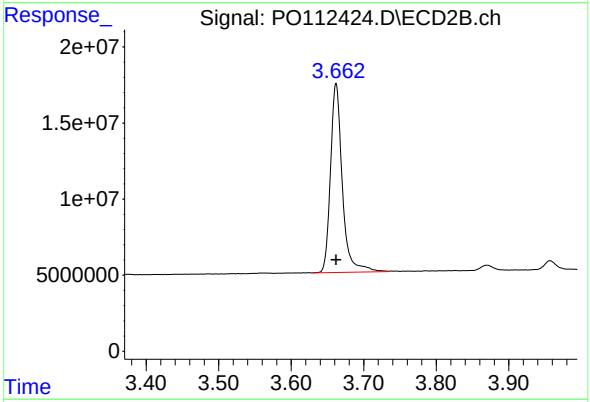
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

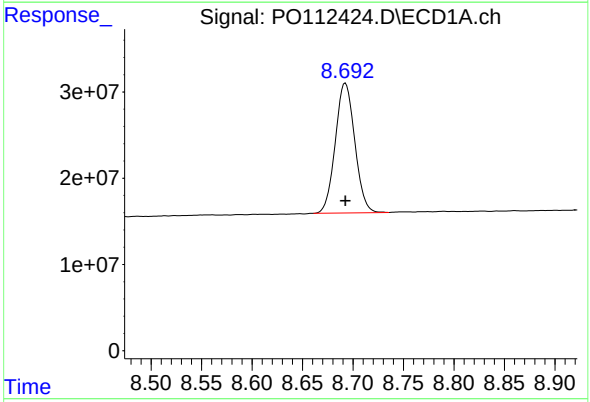
Manual Integrations APPROVED

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



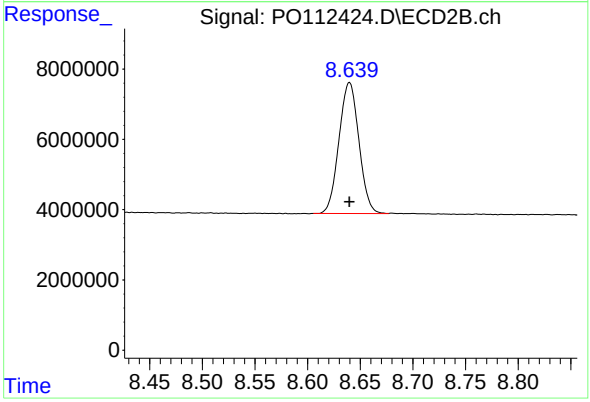
#1 Tetrachloro-m-xylene

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



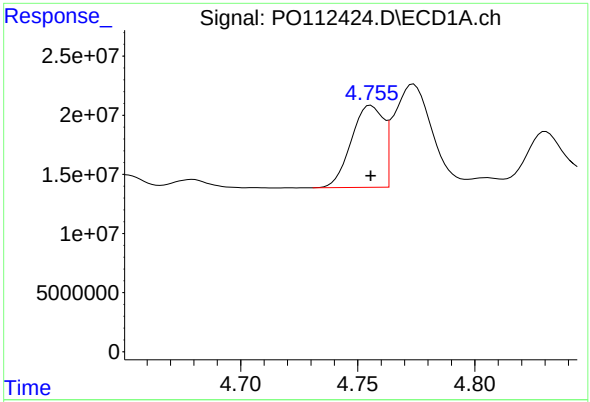
#2 Decachlorobiphenyl

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



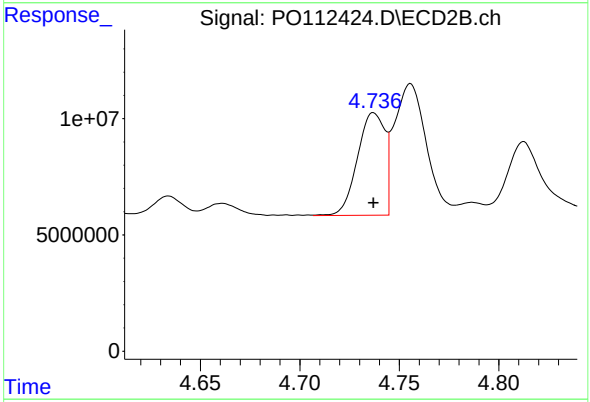
#16 AR-1242-1

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

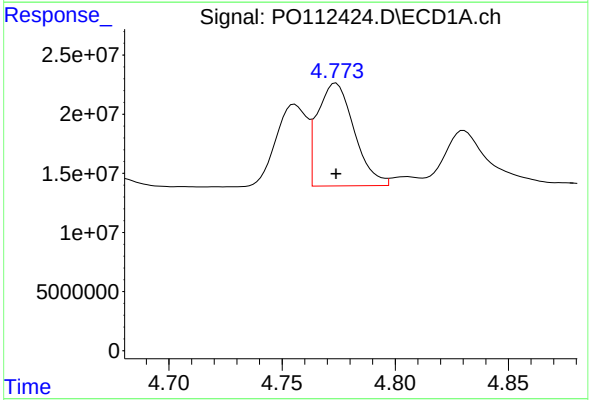
Manual Integrations APPROVED

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



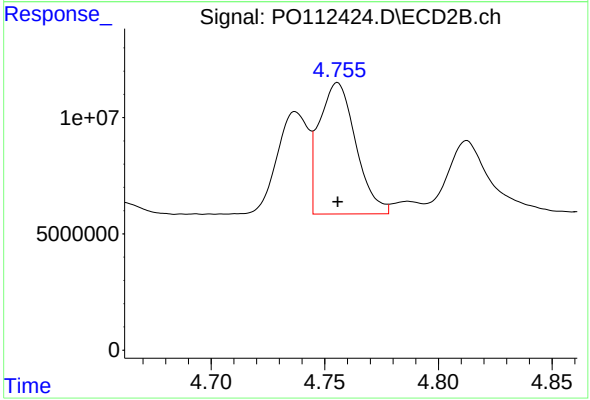
#16 AR-1242-1

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



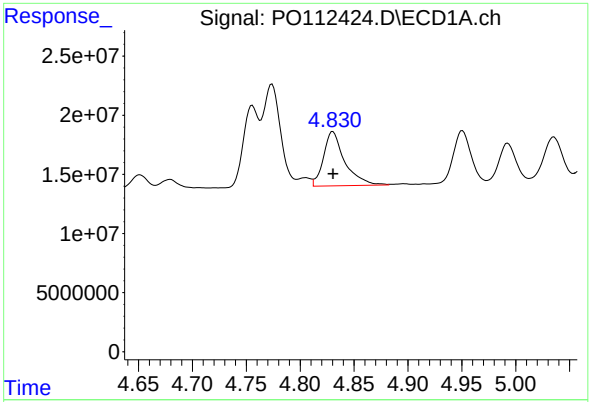
#17 AR-1242-2

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



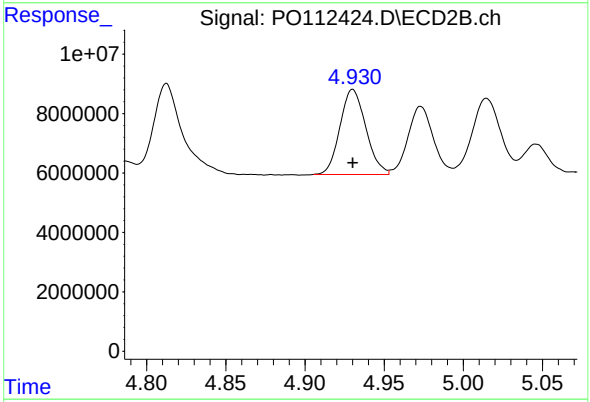
#18 AR-1242-3

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

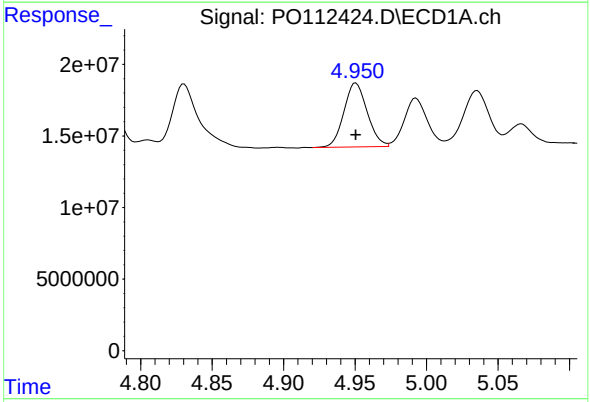
Manual Integrations APPROVED

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



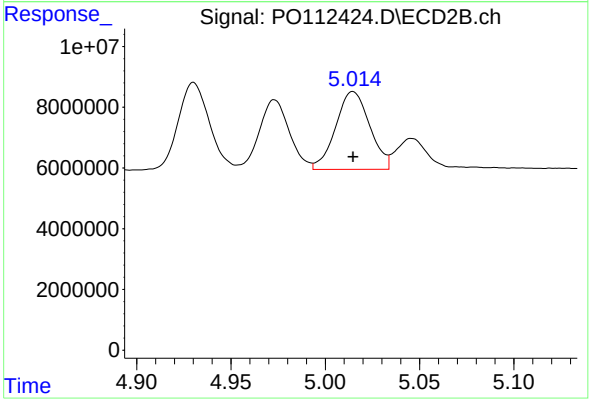
#18 AR-1242-3

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



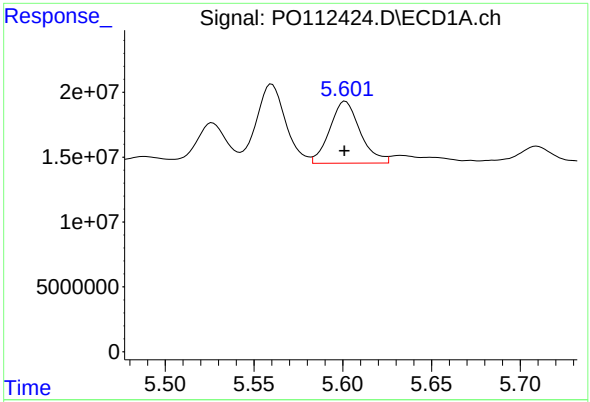
#19 AR-1242-4

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



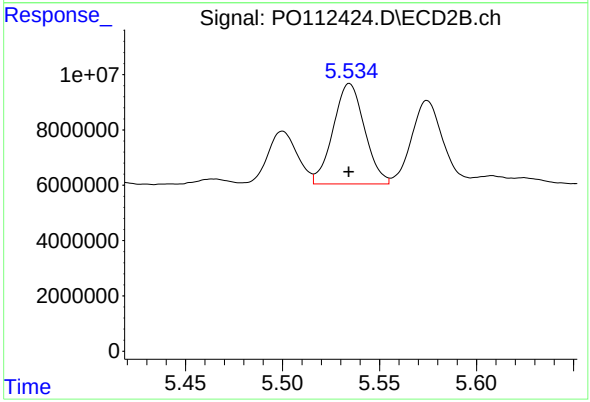
#20 AR-1242-5

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

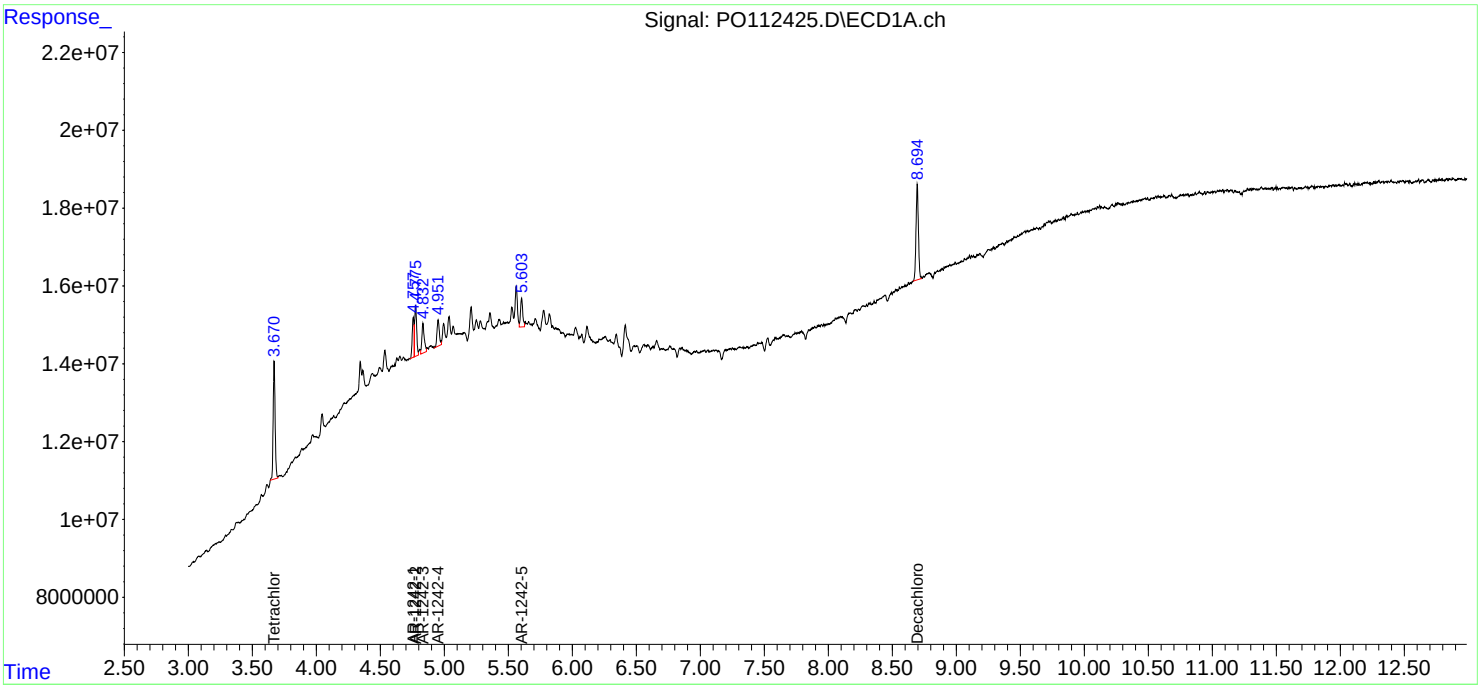
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

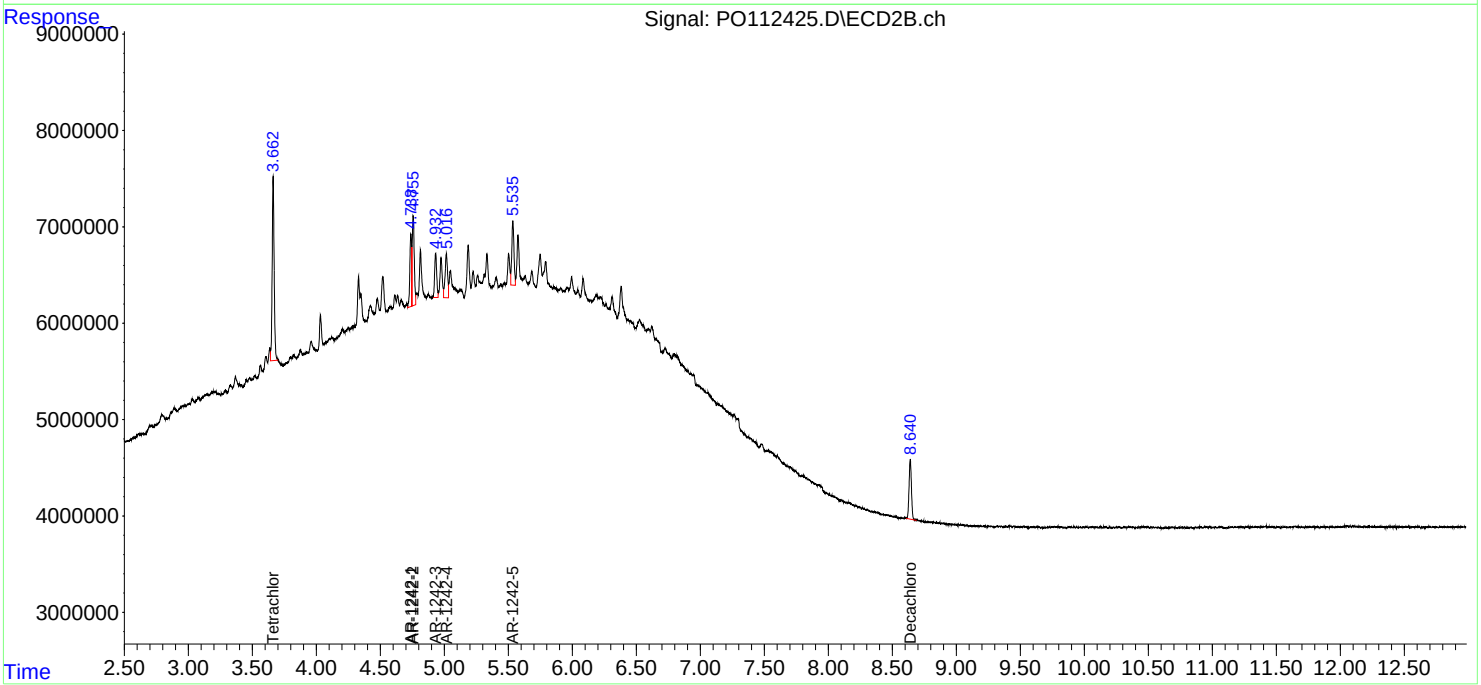
Manual Integrations APPROVED

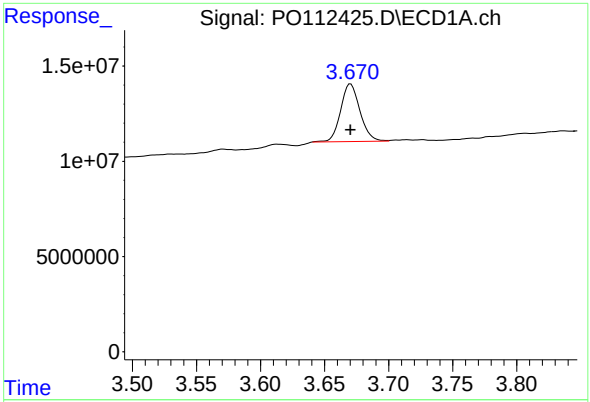
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







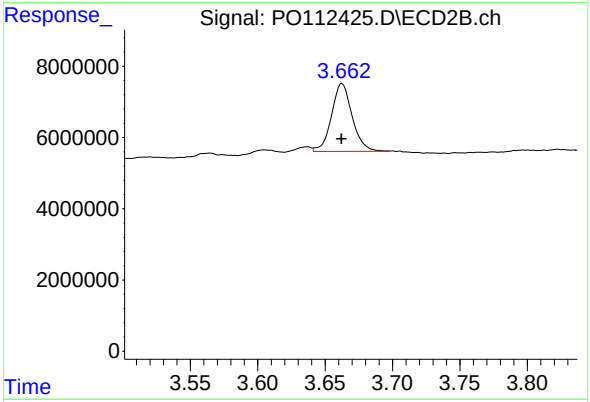
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

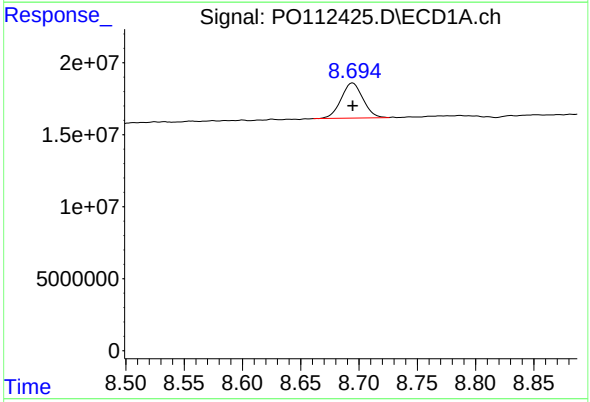
Manual Integrations APPROVED

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



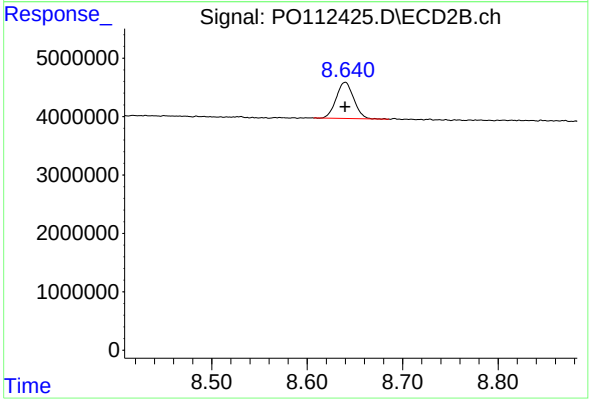
#1 Tetrachloro-m-xylene

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



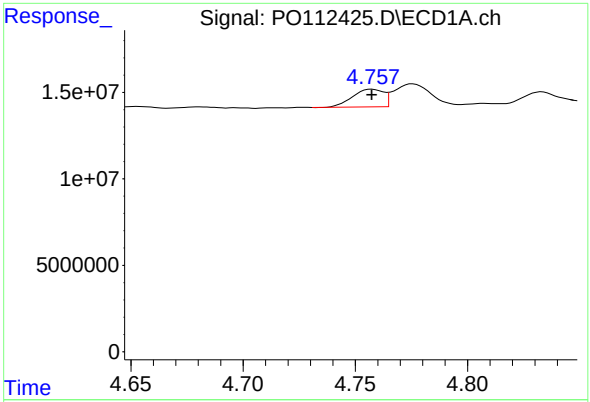
#2 Decachlorobiphenyl

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



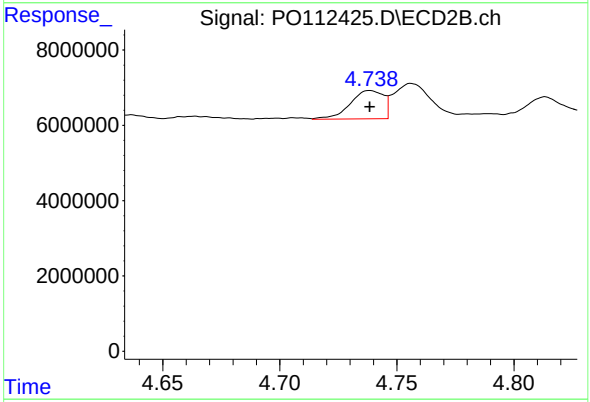
#16 AR-1242-1

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

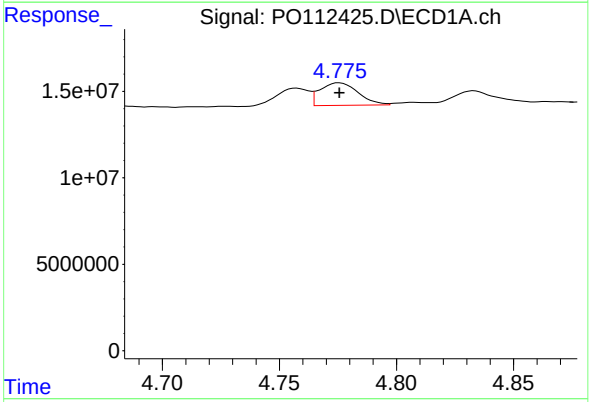
Manual Integrations APPROVED

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



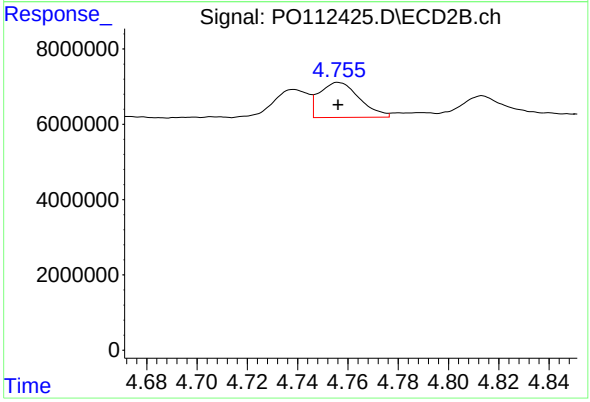
#16 AR-1242-1

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



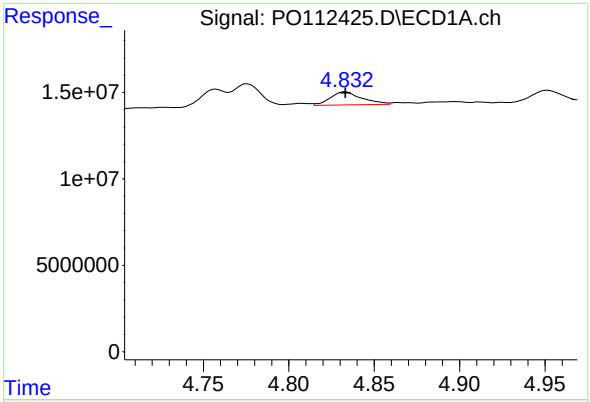
#17 AR-1242-2

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



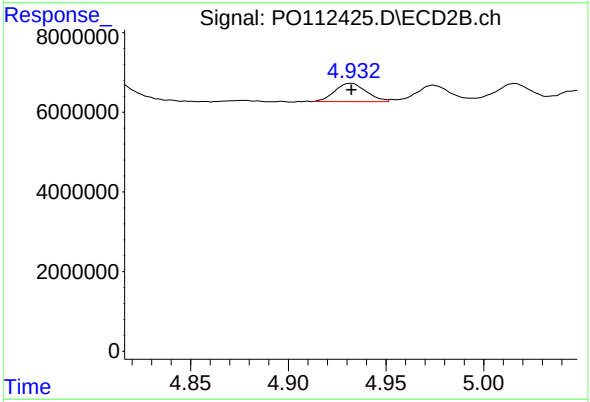
#18 AR-1242-3

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

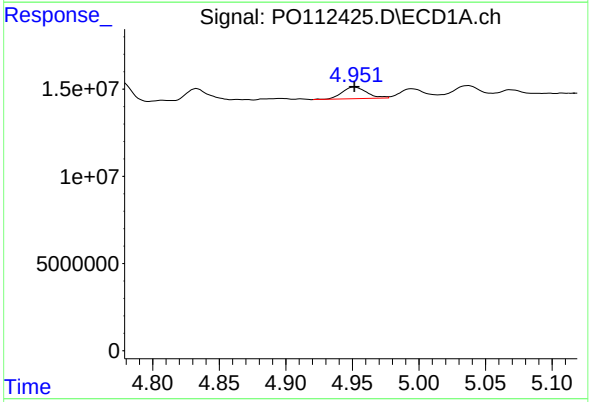
Manual Integrations APPROVED

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



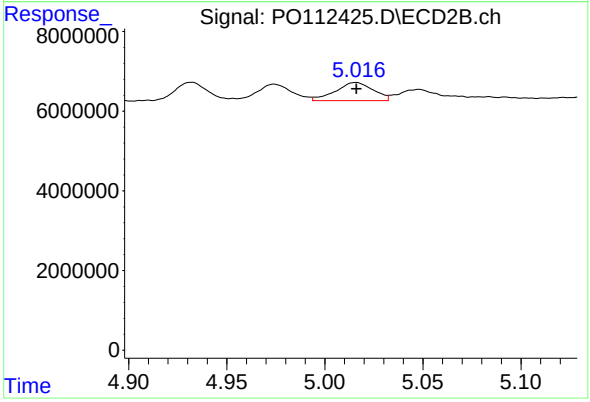
#18 AR-1242-3

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



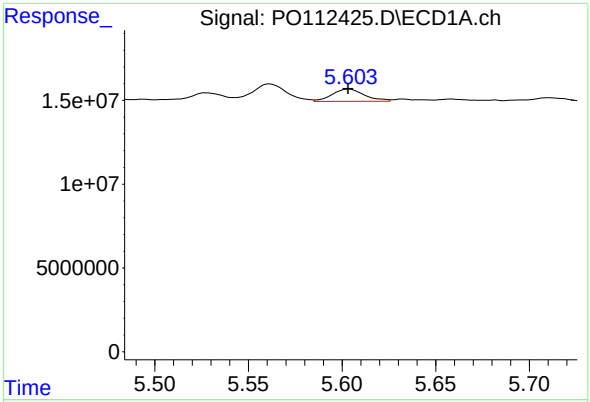
#19 AR-1242-4

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



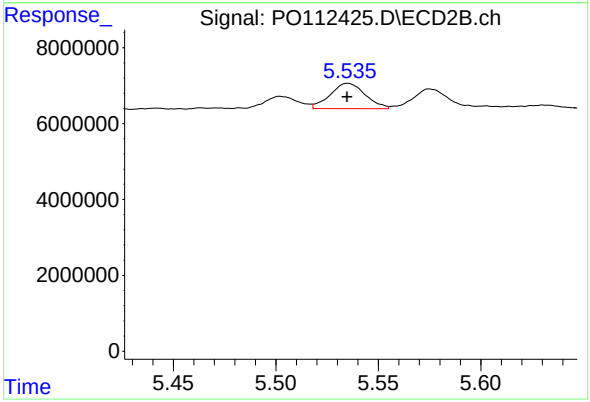
#20 AR-1242-5

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.

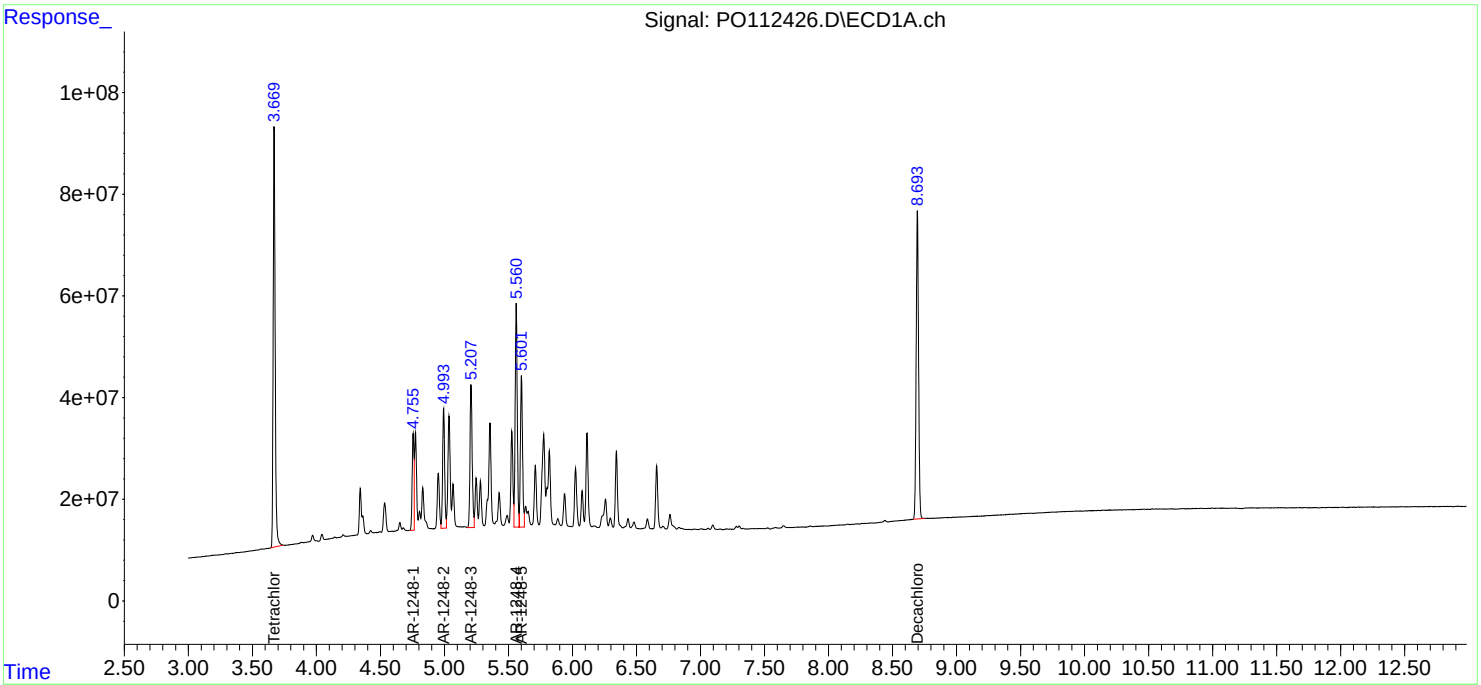
ICAL Form

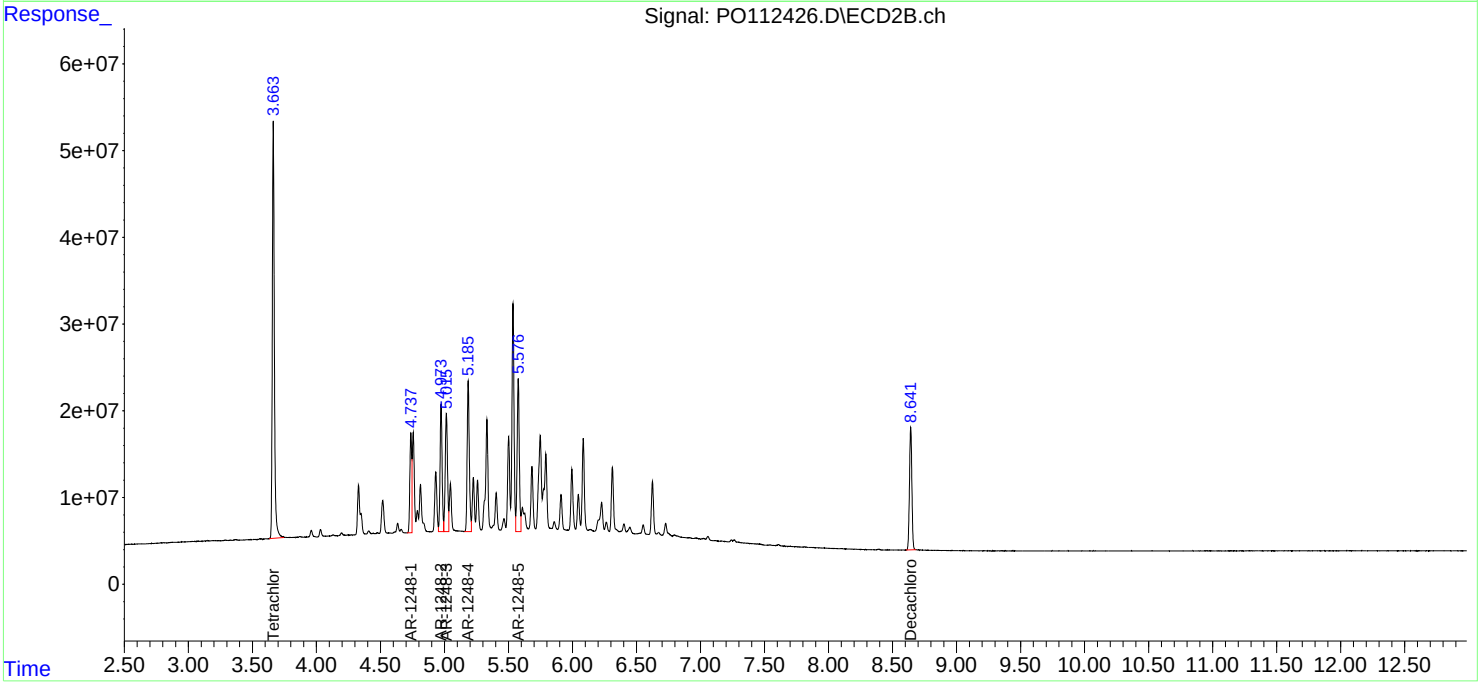
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:13
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

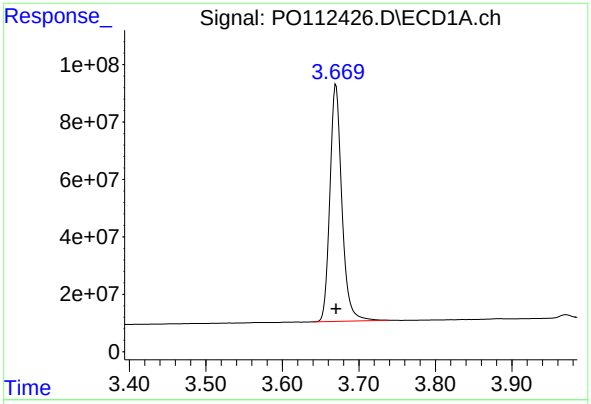
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

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



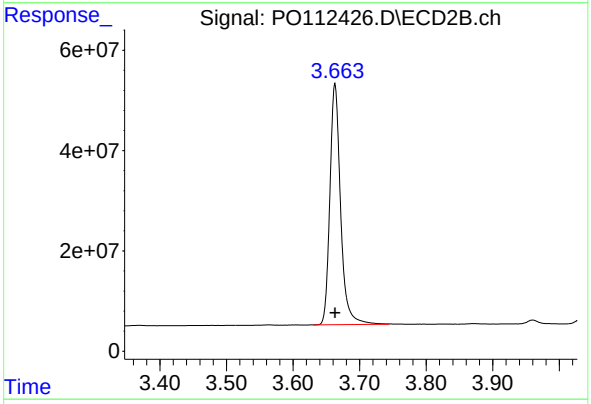




#1 Tetrachloro-m-xylene

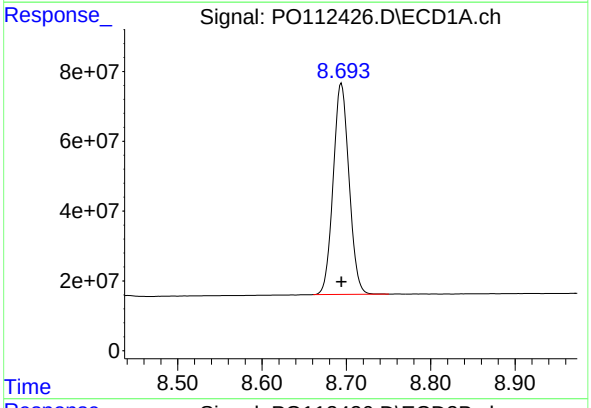
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 894659096
Conc: 98.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



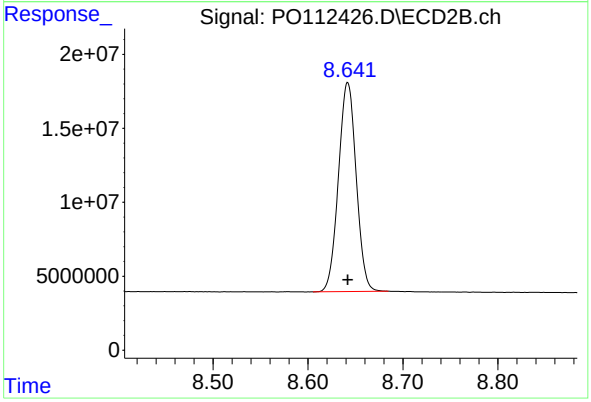
#1 Tetrachloro-m-xylene

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



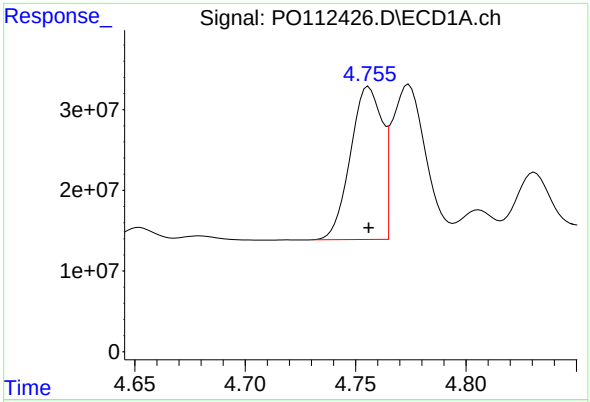
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

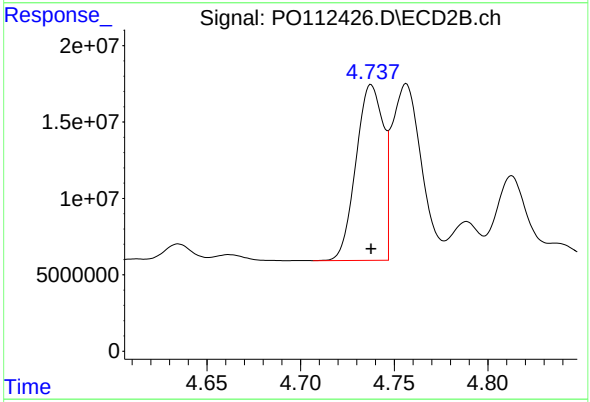
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 183652482
Conc: 97.23 ng/ml



#21 AR-1248-1

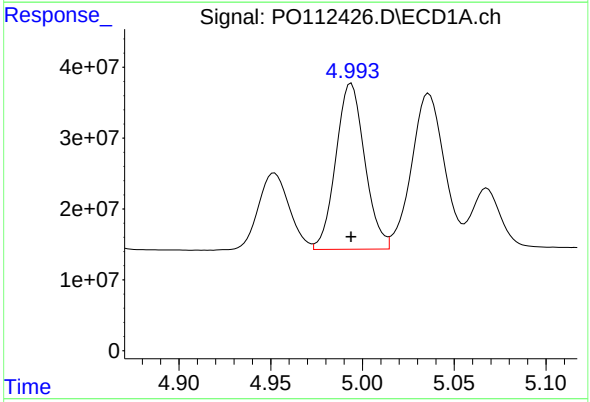
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 189314500
Conc: 976.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



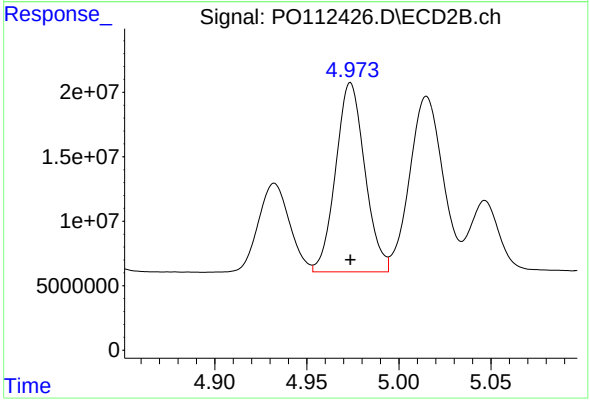
#21 AR-1248-1

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



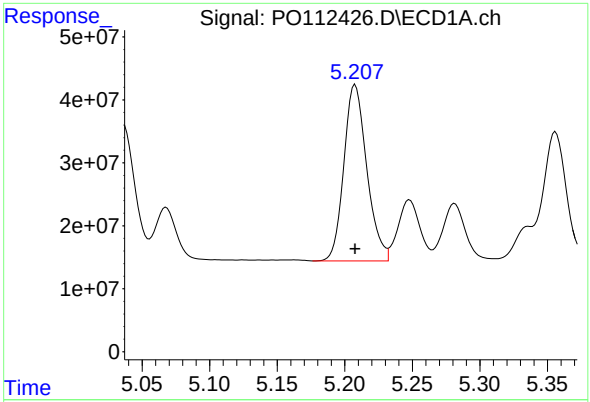
#22 AR-1248-2

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



#22 AR-1248-2

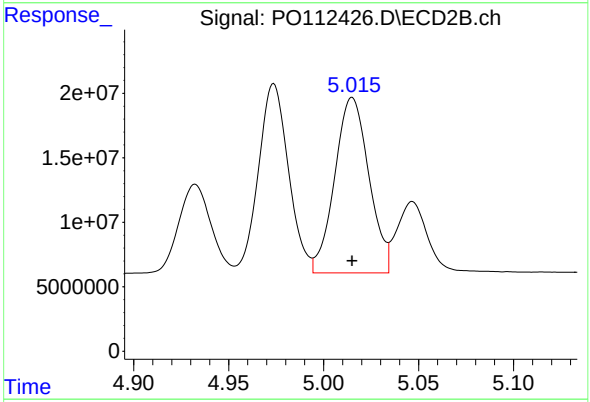
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 161755092
Conc: 958.26 ng/ml



#23 AR-1248-3

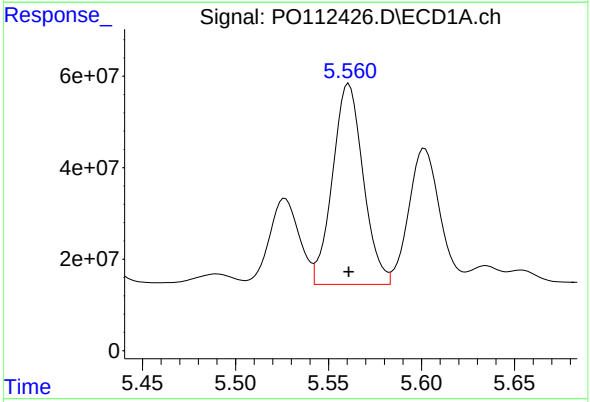
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 329824745
Conc: 969.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



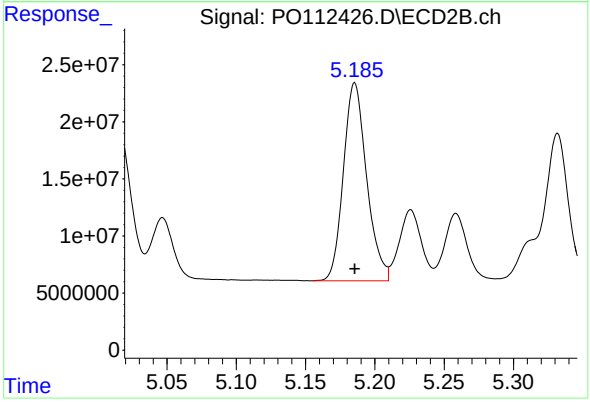
#23 AR-1248-3

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



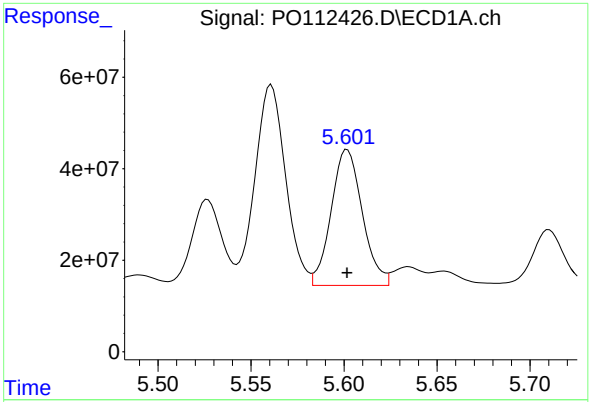
#24 AR-1248-4

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



#24 AR-1248-4

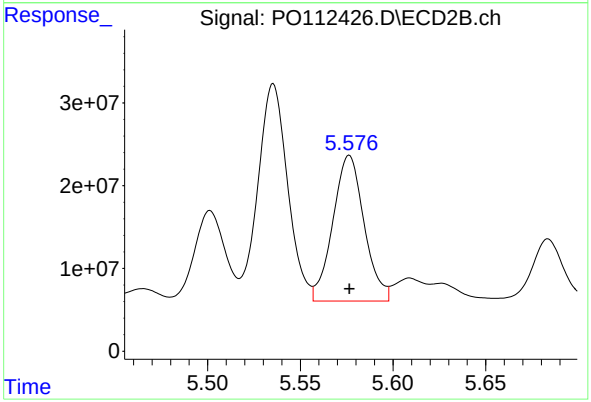
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 202462025
Conc: 960.44 ng/ml



#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.

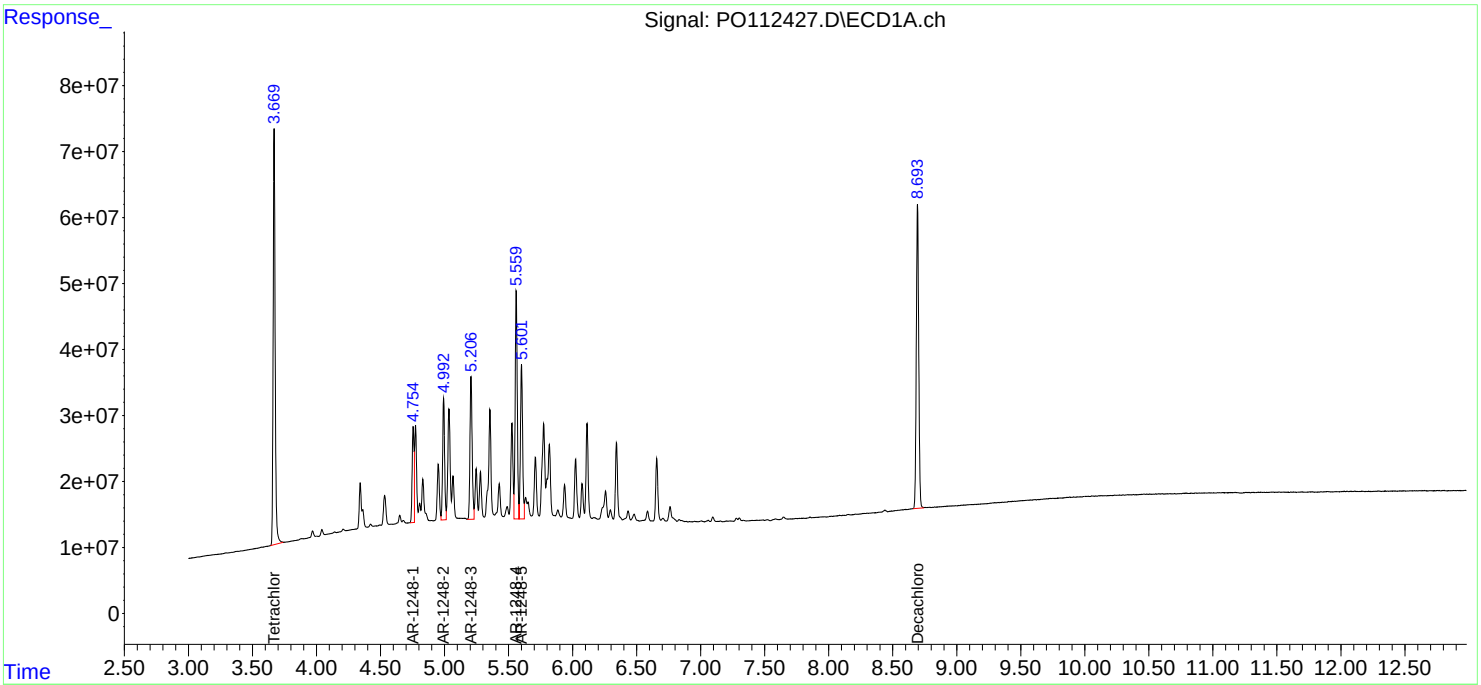
ICAL Form

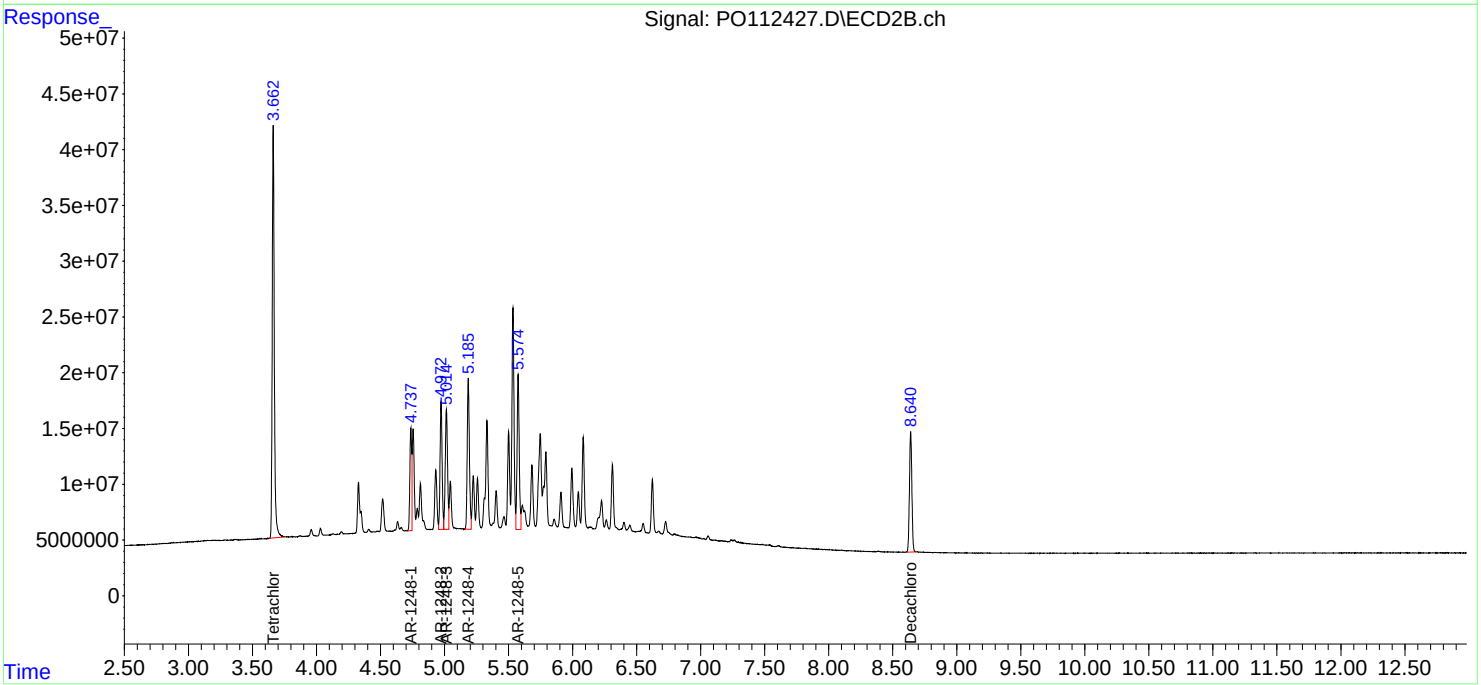
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:31
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

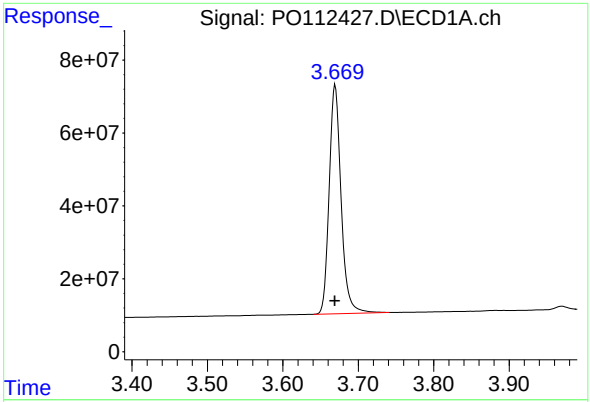
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

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



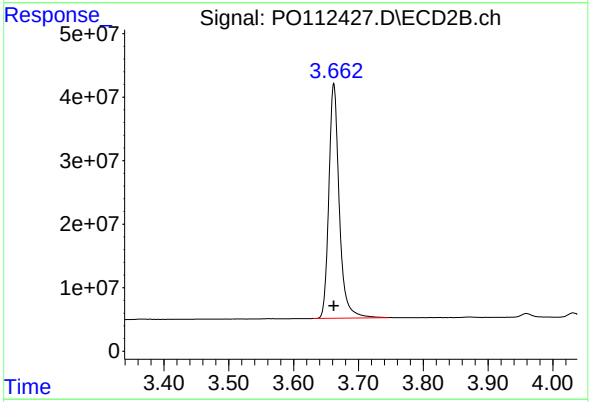




#1 Tetrachloro-m-xylene

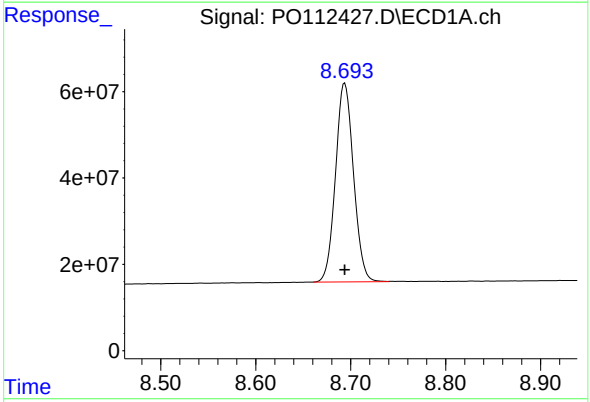
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 689179613
Conc: 75.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



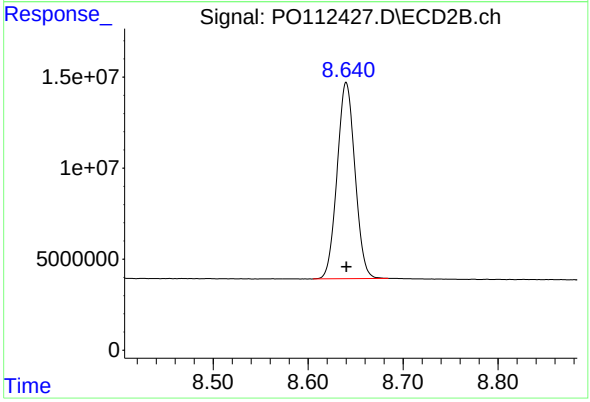
#1 Tetrachloro-m-xylene

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



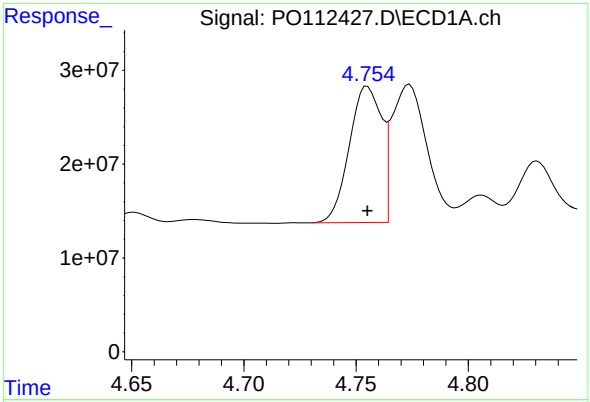
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

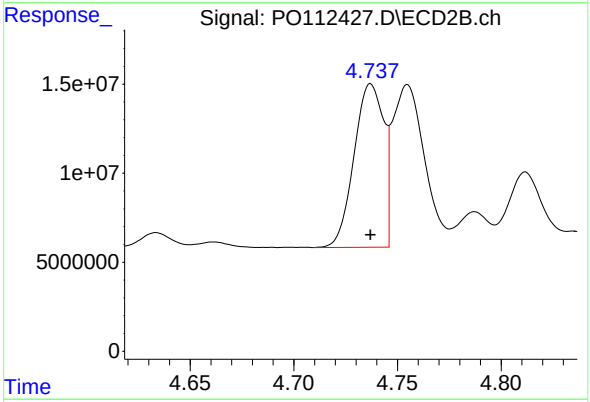
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 140886142
Conc: 74.73 ng/ml



#21 AR-1248-1

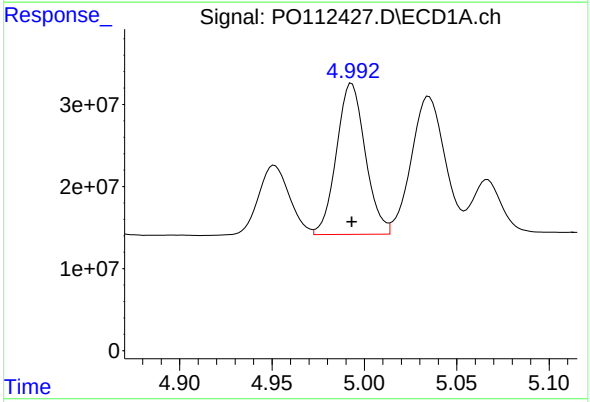
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 145054784
Conc: 748.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



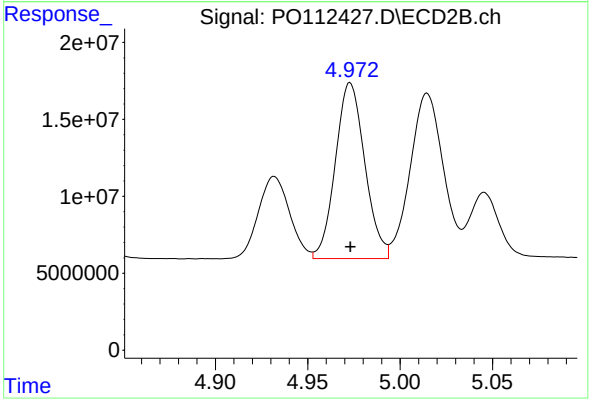
#21 AR-1248-1

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



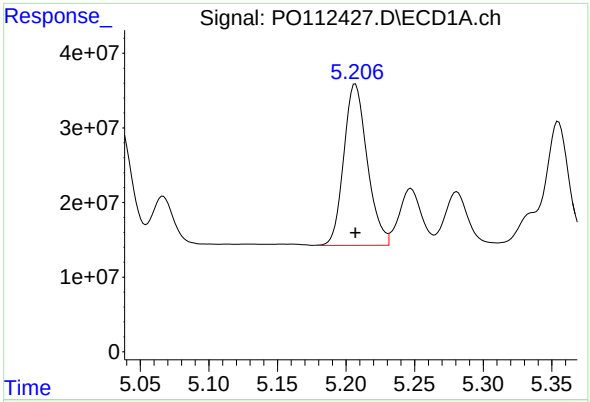
#22 AR-1248-2

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



#22 AR-1248-2

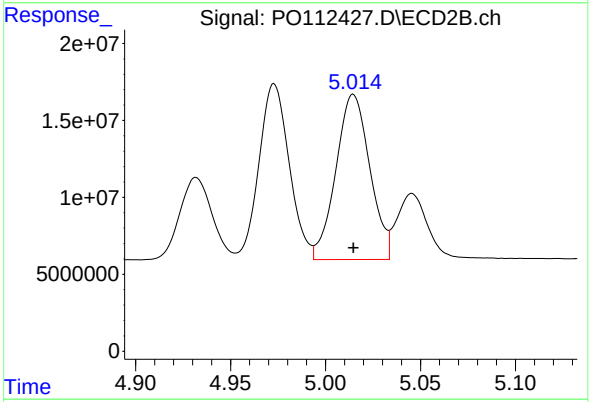
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 126679146
Conc: 750.31 ng/ml



#23 AR-1248-3

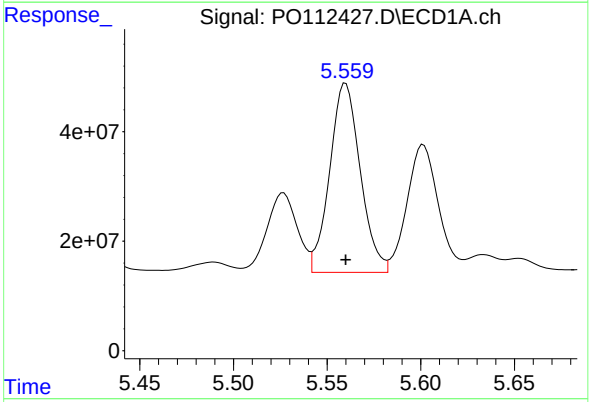
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 257015325
Conc: 753.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



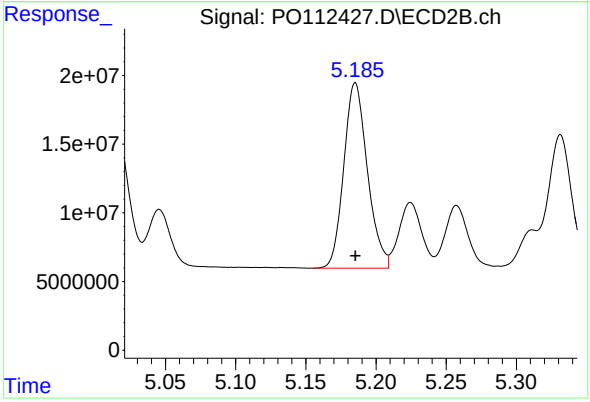
#23 AR-1248-3

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



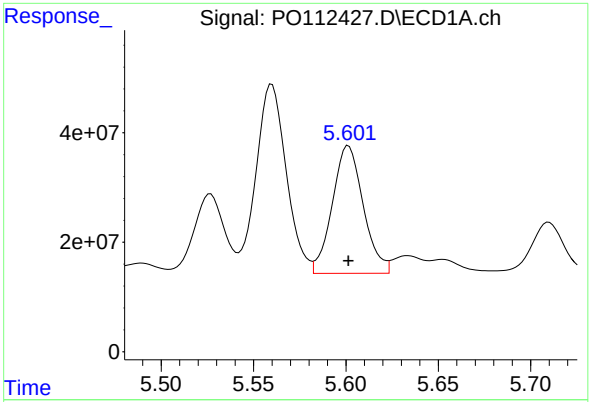
#24 AR-1248-4

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



#24 AR-1248-4

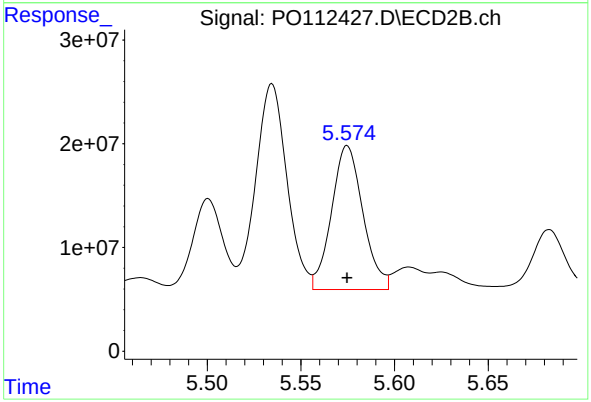
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 157984016
Conc: 749.63 ng/ml



#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.

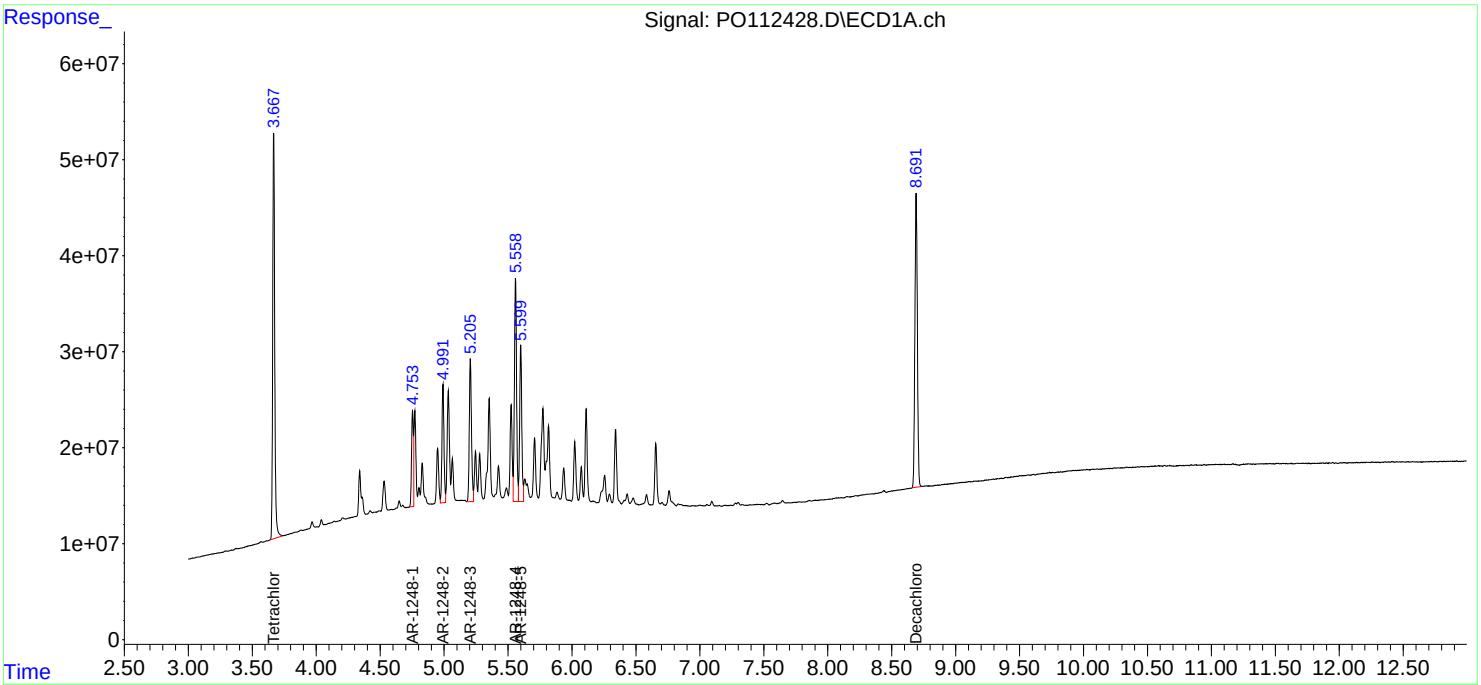
ICAL Form

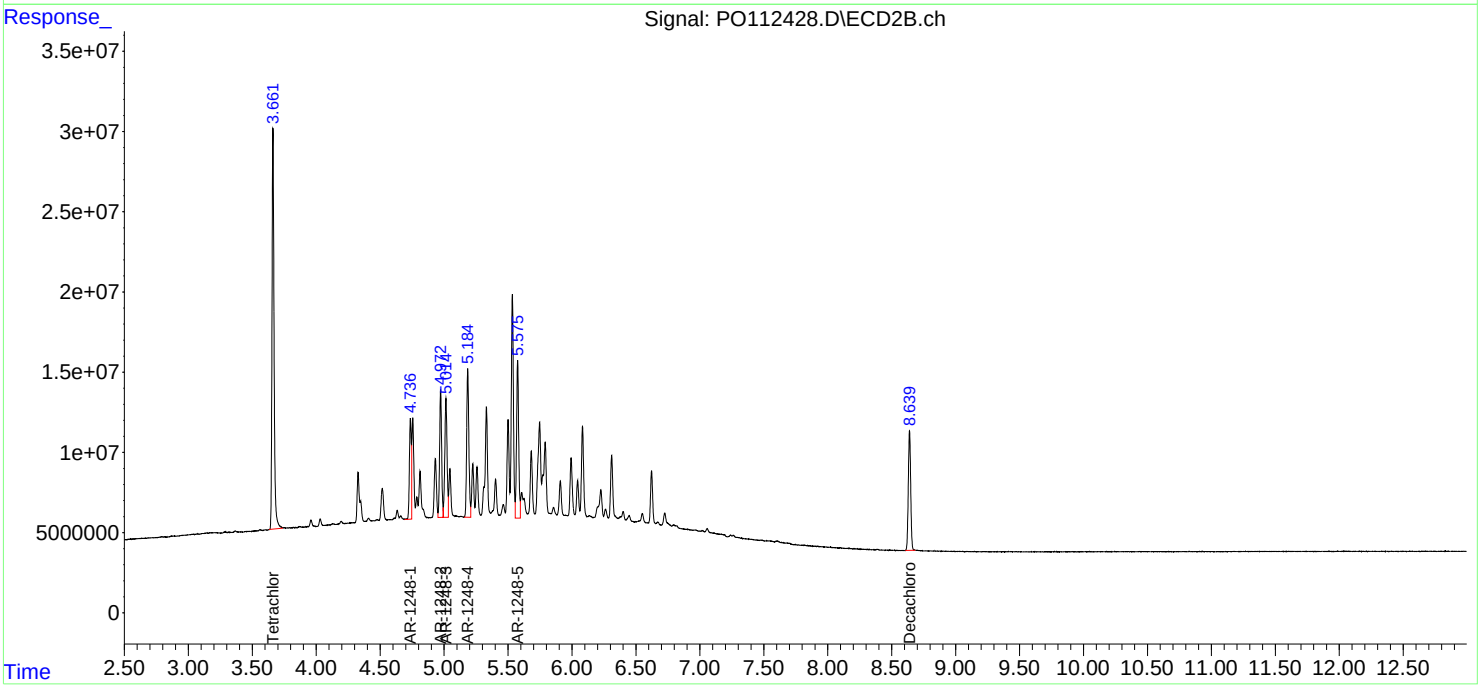
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:48
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

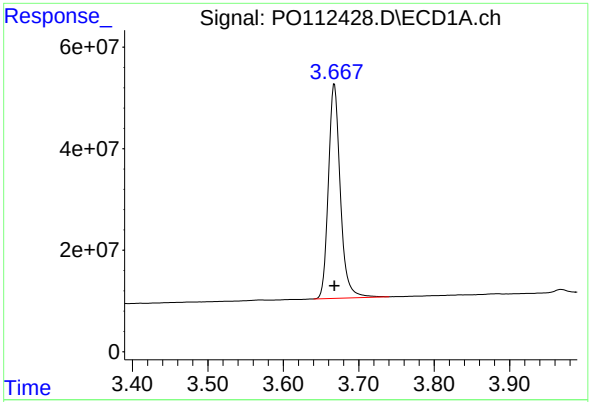
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

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



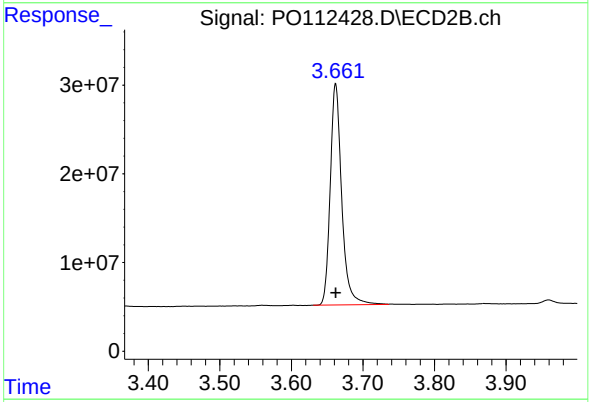




#1 Tetrachloro-m-xylene

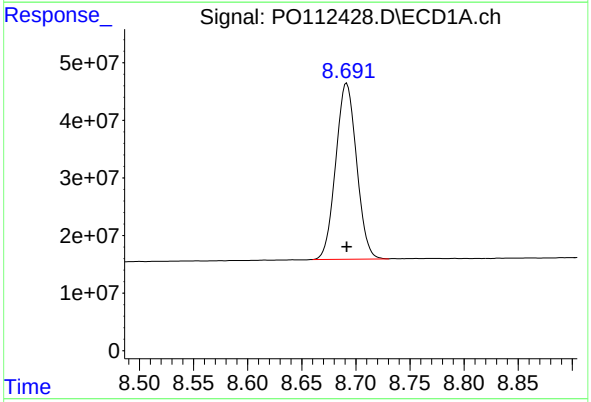
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 463659312
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



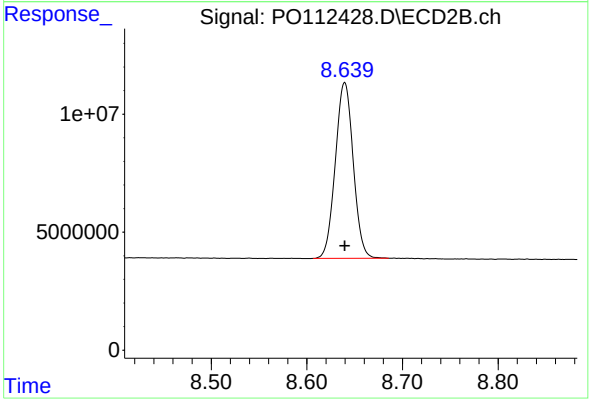
#1 Tetrachloro-m-xylene

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



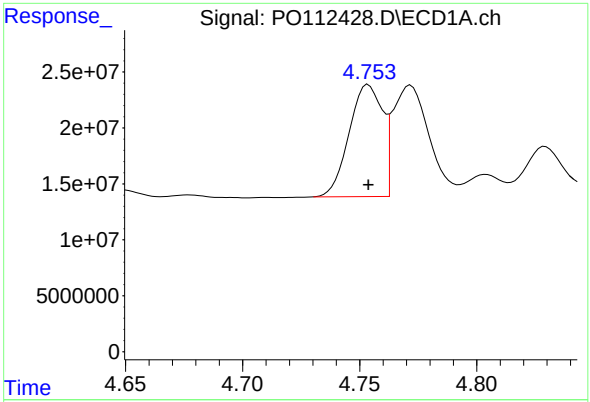
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

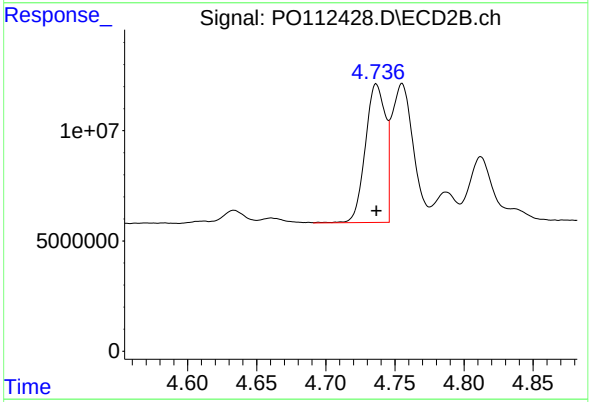
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 97058226
Conc: 50.00 ng/ml



#21 AR-1248-1

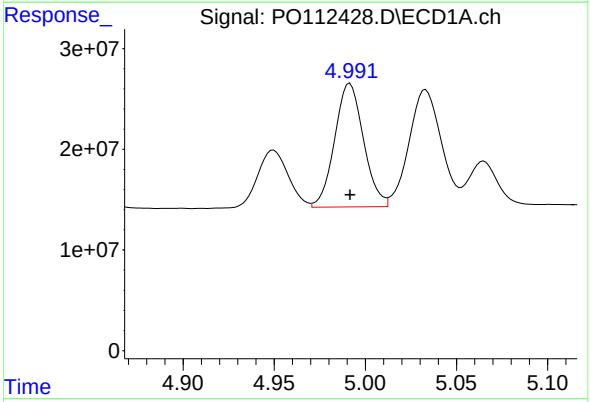
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 99182020
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



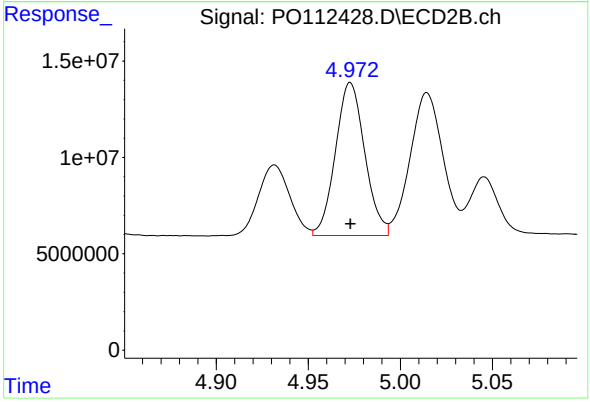
#21 AR-1248-1

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



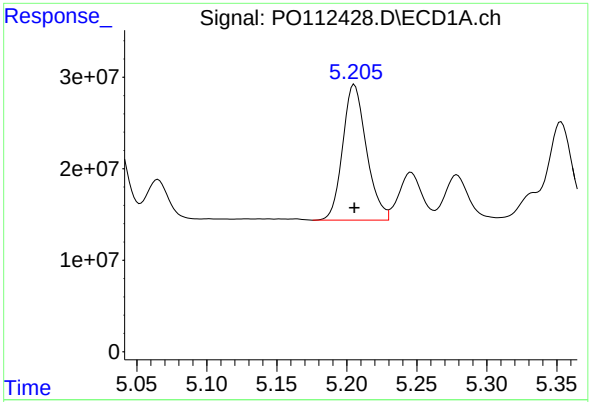
#22 AR-1248-2

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



#22 AR-1248-2

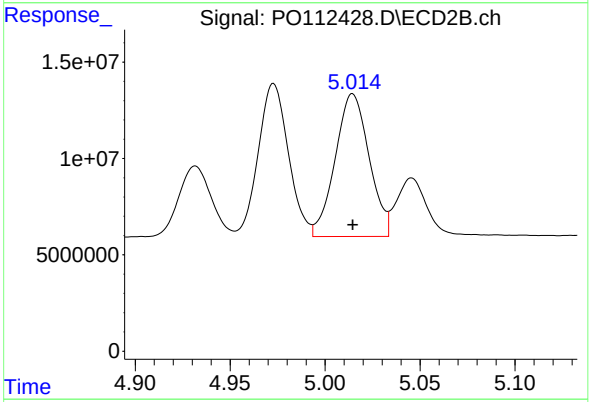
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 87923157
Conc: 500.00 ng/ml



#23 AR-1248-3

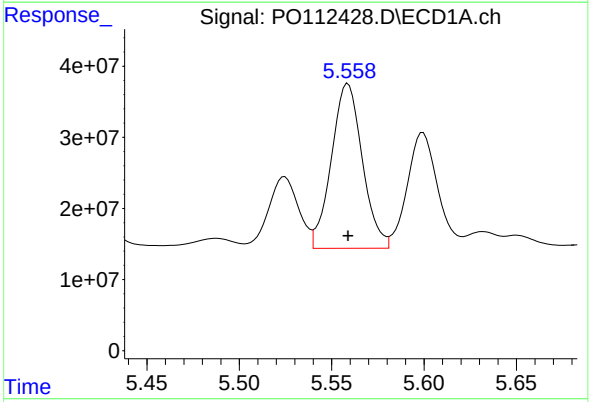
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 175208983
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



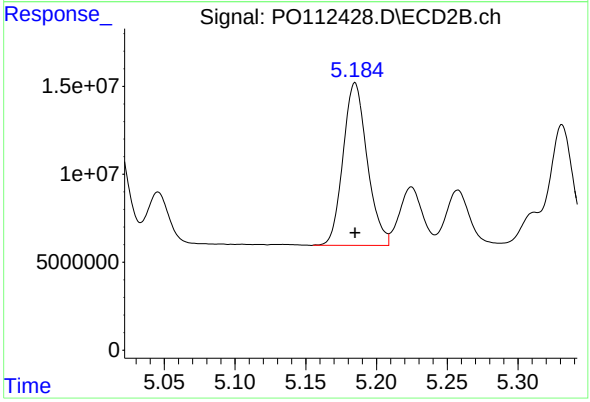
#23 AR-1248-3

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



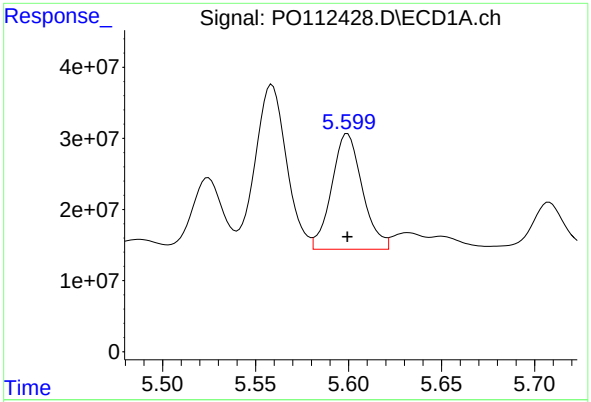
#24 AR-1248-4

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



#24 AR-1248-4

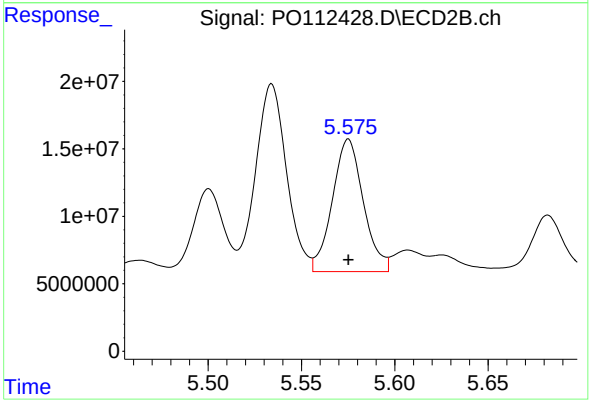
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 109571190
Conc: 500.00 ng/ml



#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.

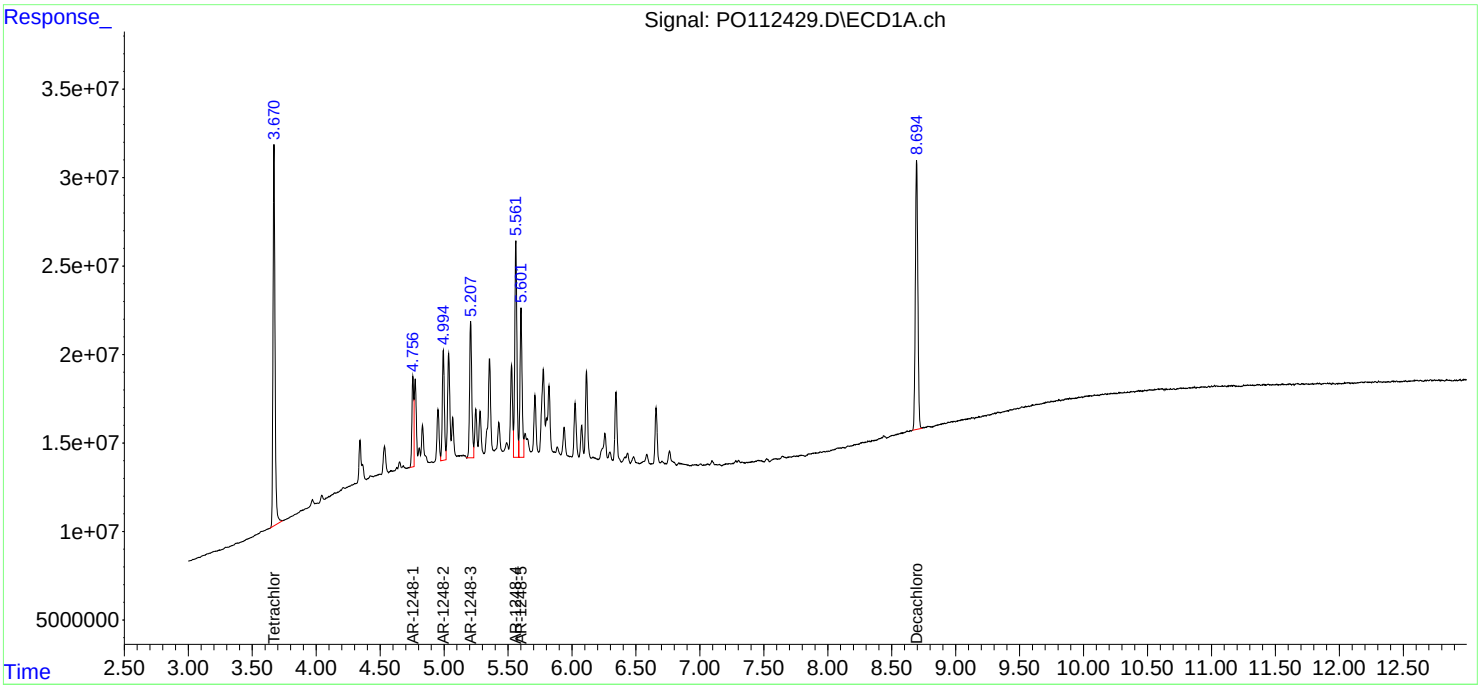
ICAL Form

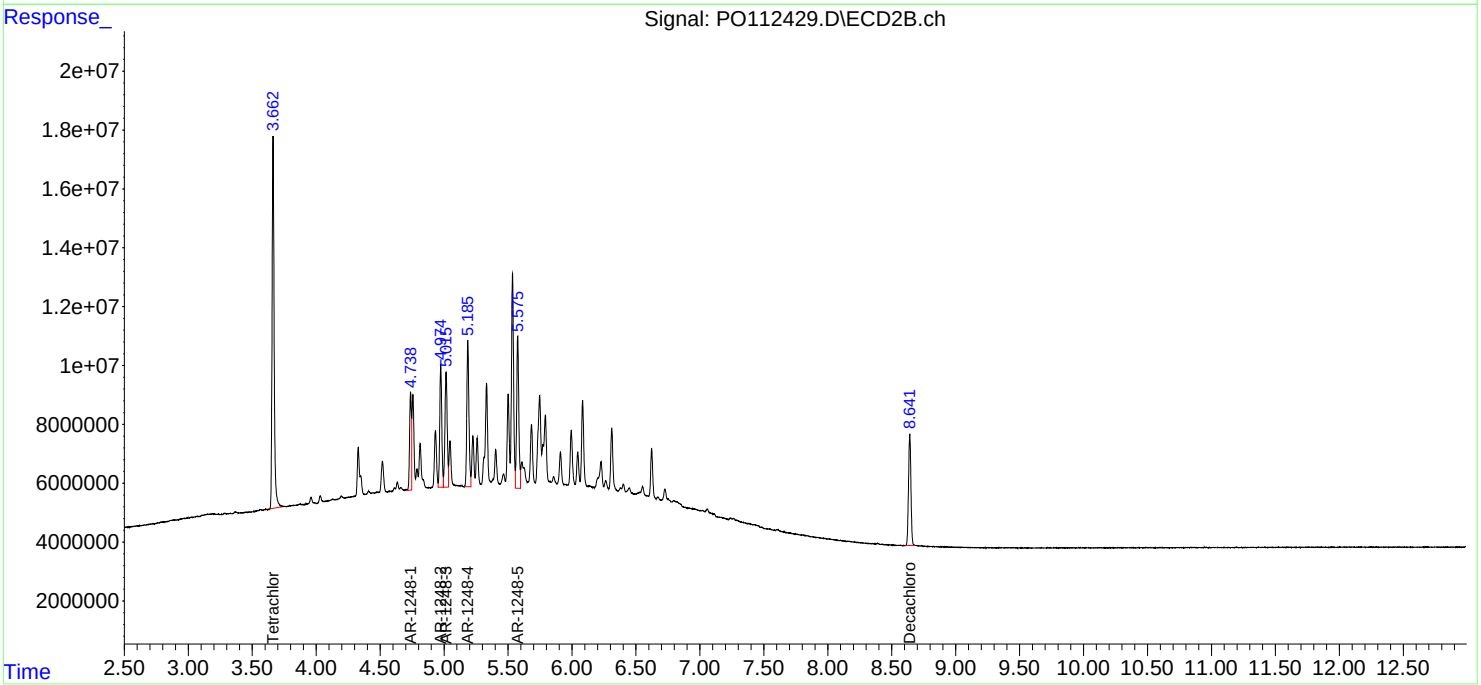
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:07
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

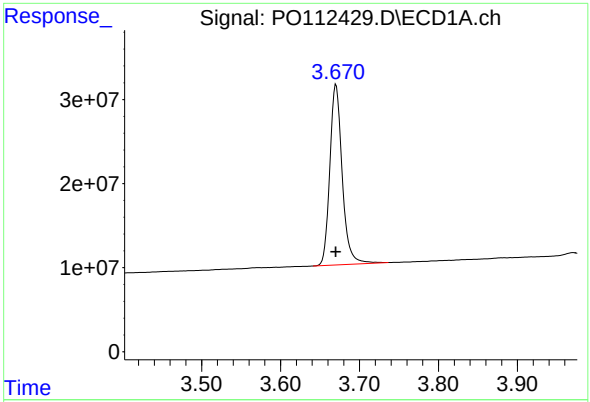
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

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



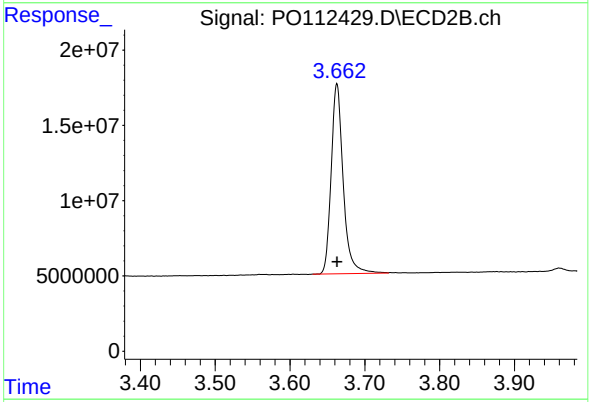




#1 Tetrachloro-m-xylene

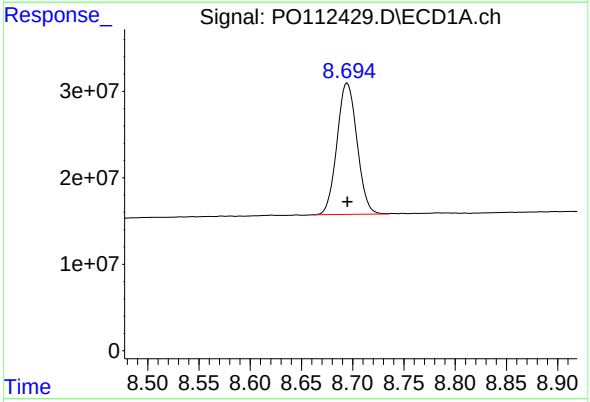
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 233933554
Conc: 25.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



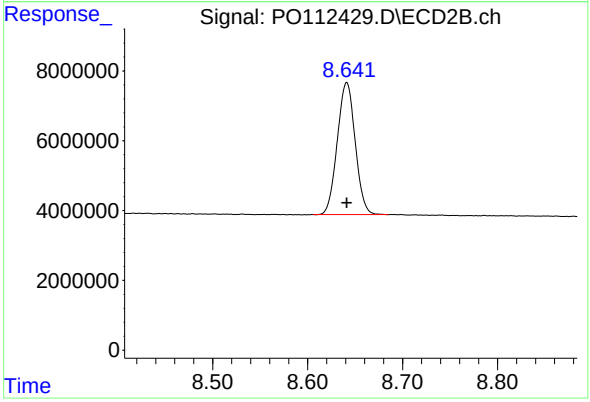
#1 Tetrachloro-m-xylene

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



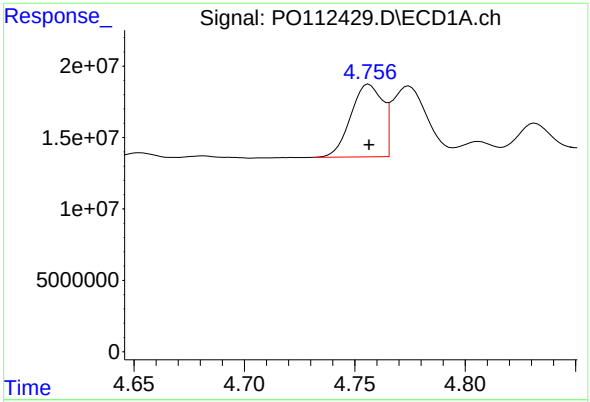
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

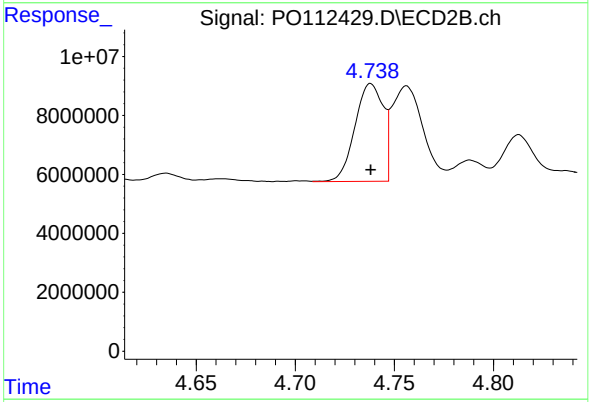
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 49551581
Conc: 25.95 ng/ml



#21 AR-1248-1

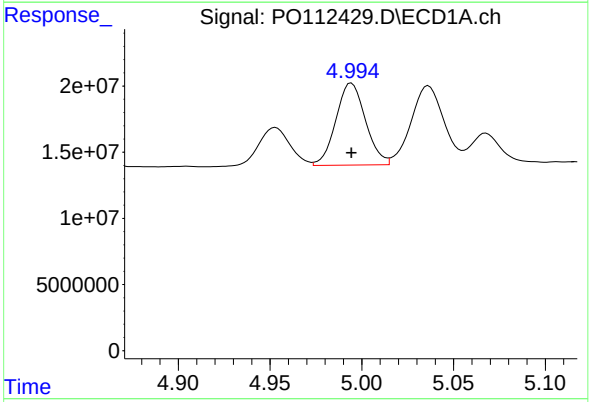
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 50861384
Conc: 259.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



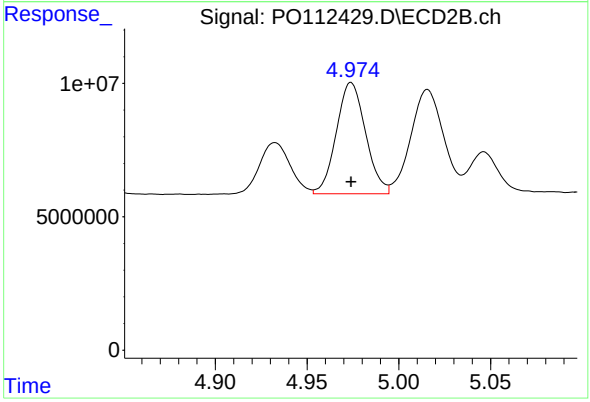
#21 AR-1248-1

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



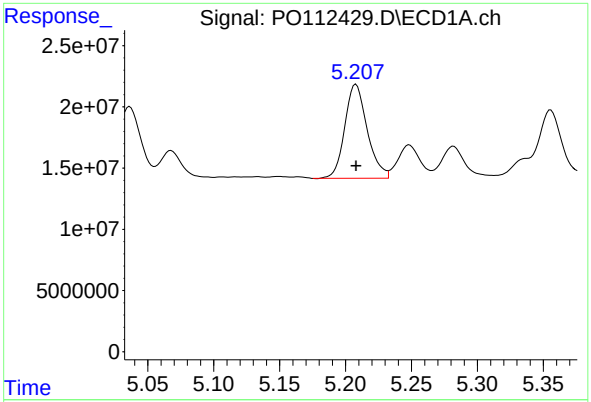
#22 AR-1248-2

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



#22 AR-1248-2

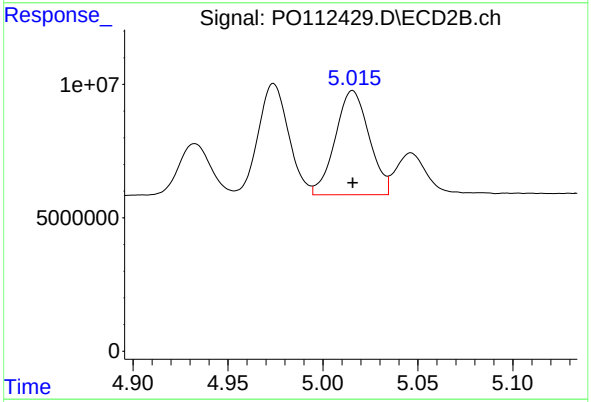
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 46341566
Conc: 267.92 ng/ml



#23 AR-1248-3

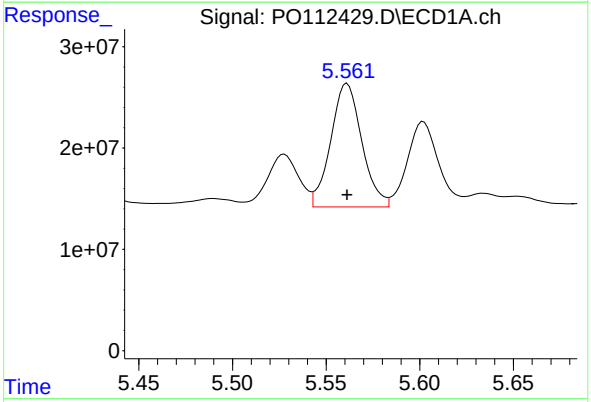
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 91080155
Conc: 262.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



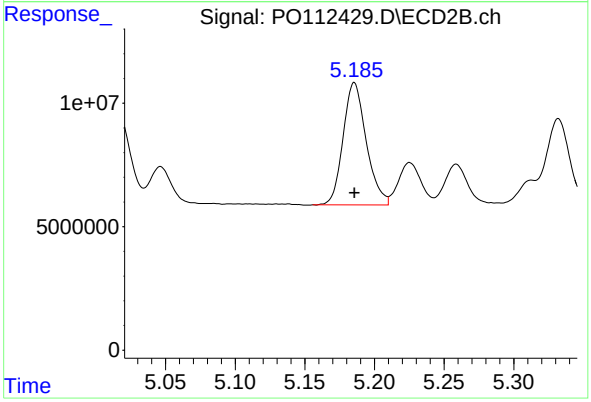
#23 AR-1248-3

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



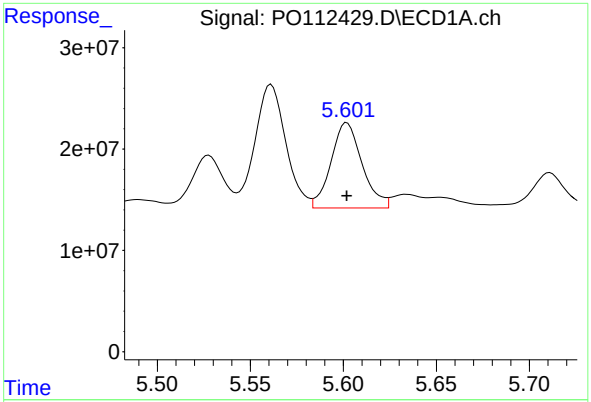
#24 AR-1248-4

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



#24 AR-1248-4

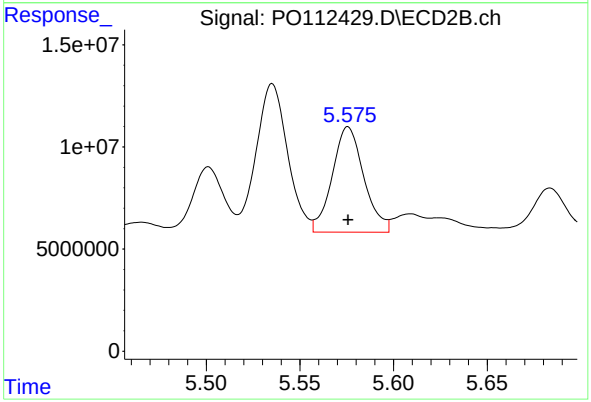
R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 57393073
Conc: 266.38 ng/ml



#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

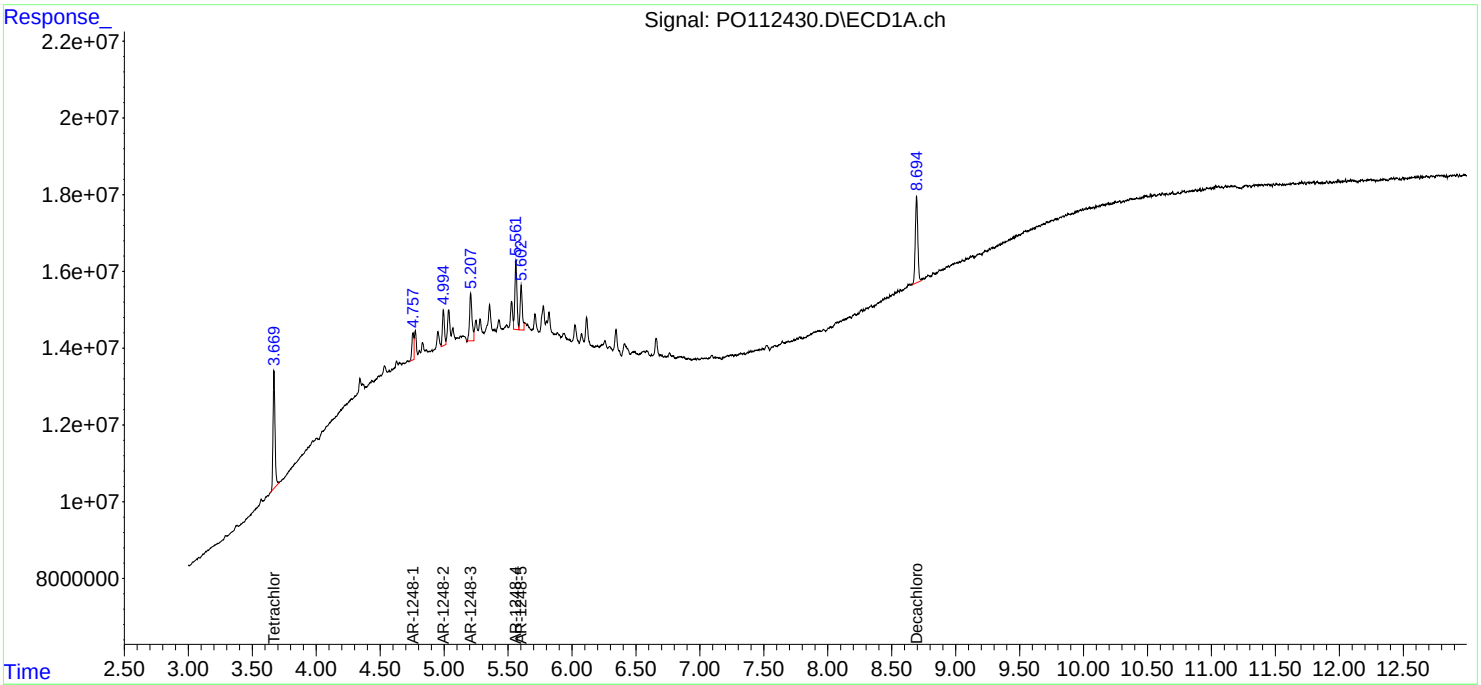
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

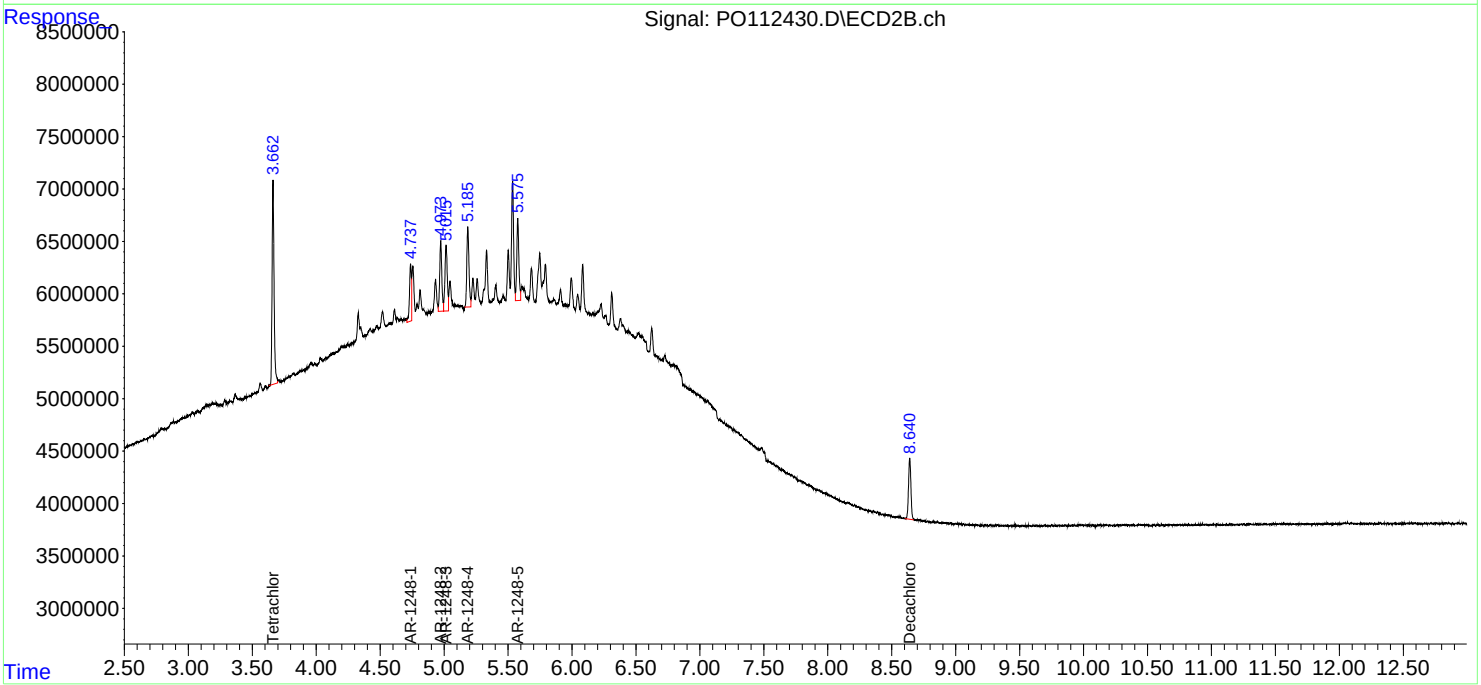
Manual Integrations APPROVED

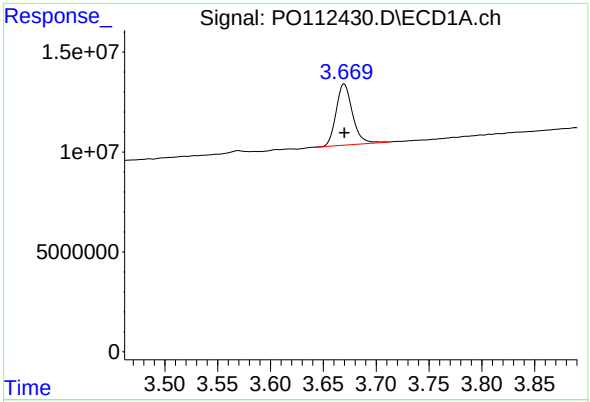
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







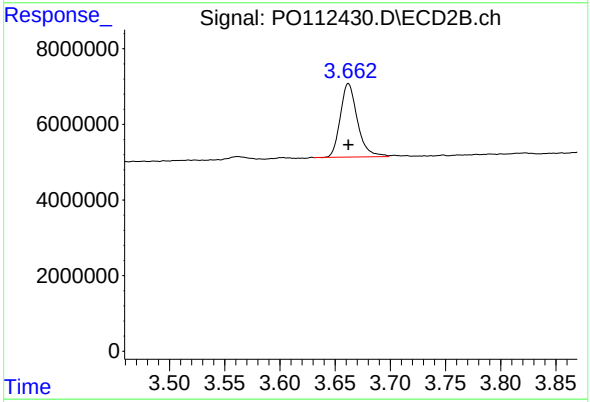
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

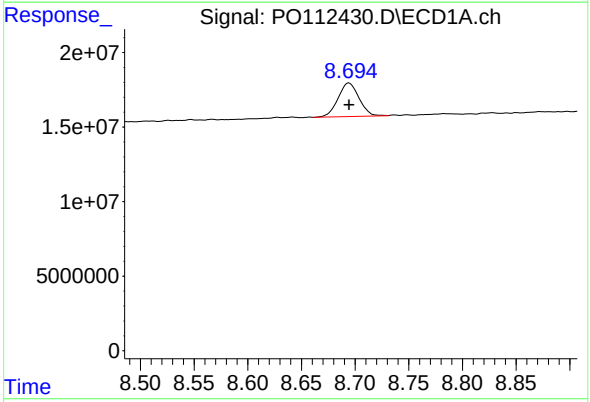
Manual Integrations APPROVED

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



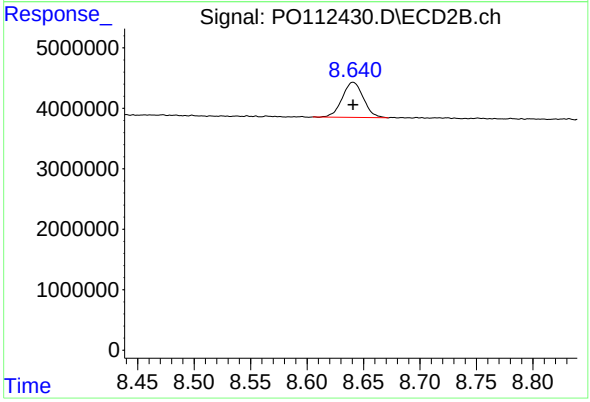
#1 Tetrachloro-m-xylene

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



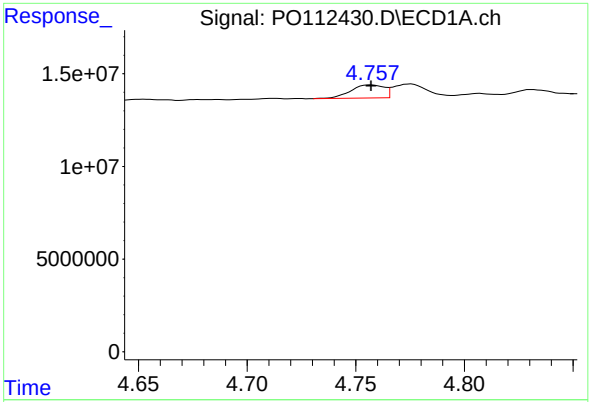
#2 Decachlorobiphenyl

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



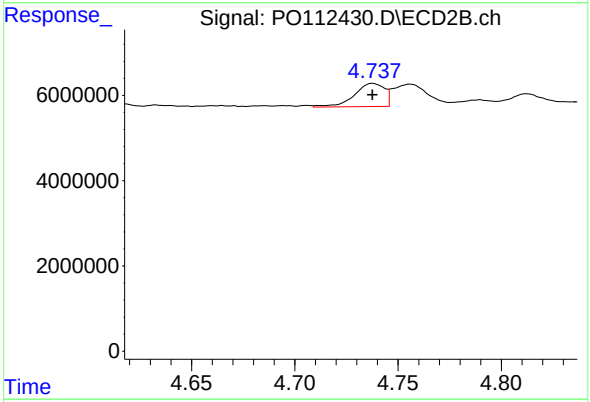
#21 AR-1248-1

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

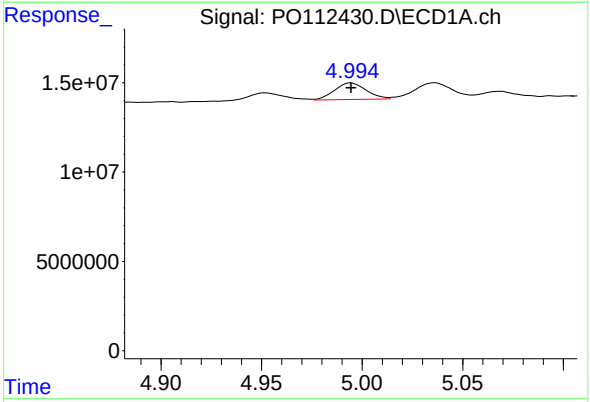
Manual Integrations APPROVED

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



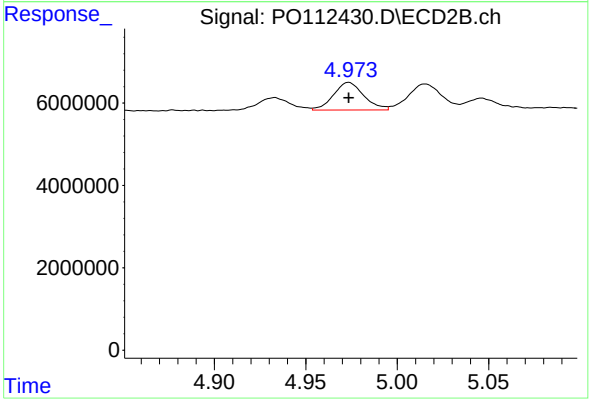
#21 AR-1248-1

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



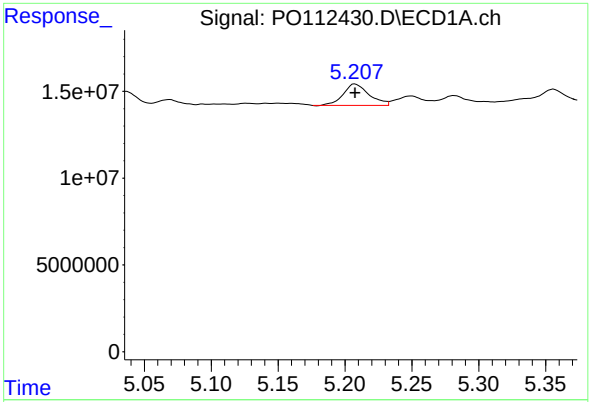
#22 AR-1248-2

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



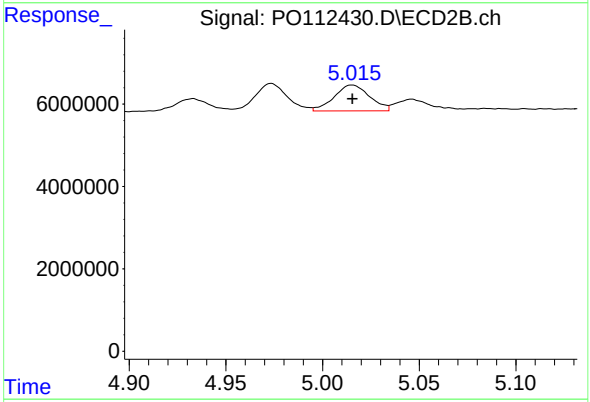
#23 AR-1248-3

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

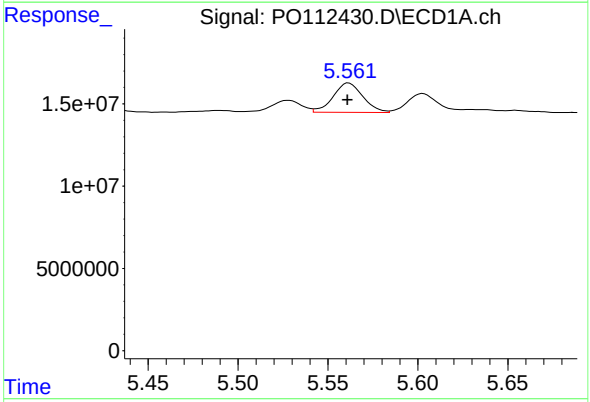
Manual Integrations APPROVED

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



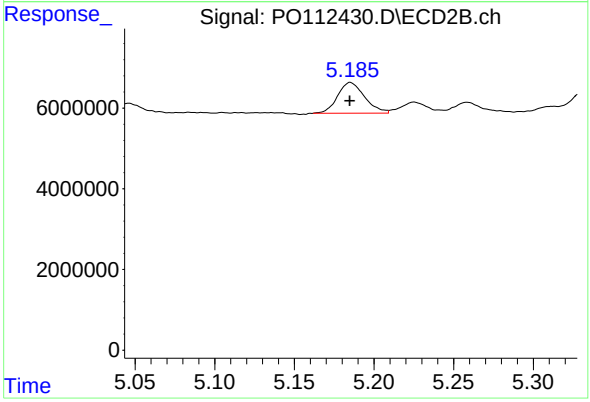
#23 AR-1248-3

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



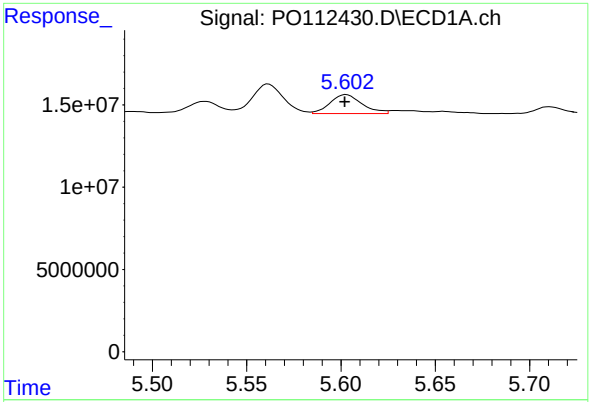
#24 AR-1248-4

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



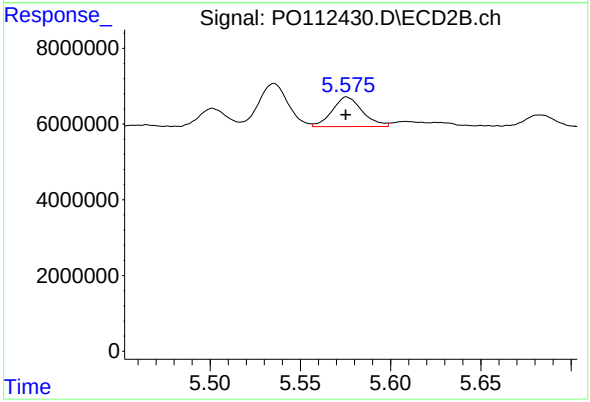
#25 AR-1248-5

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.

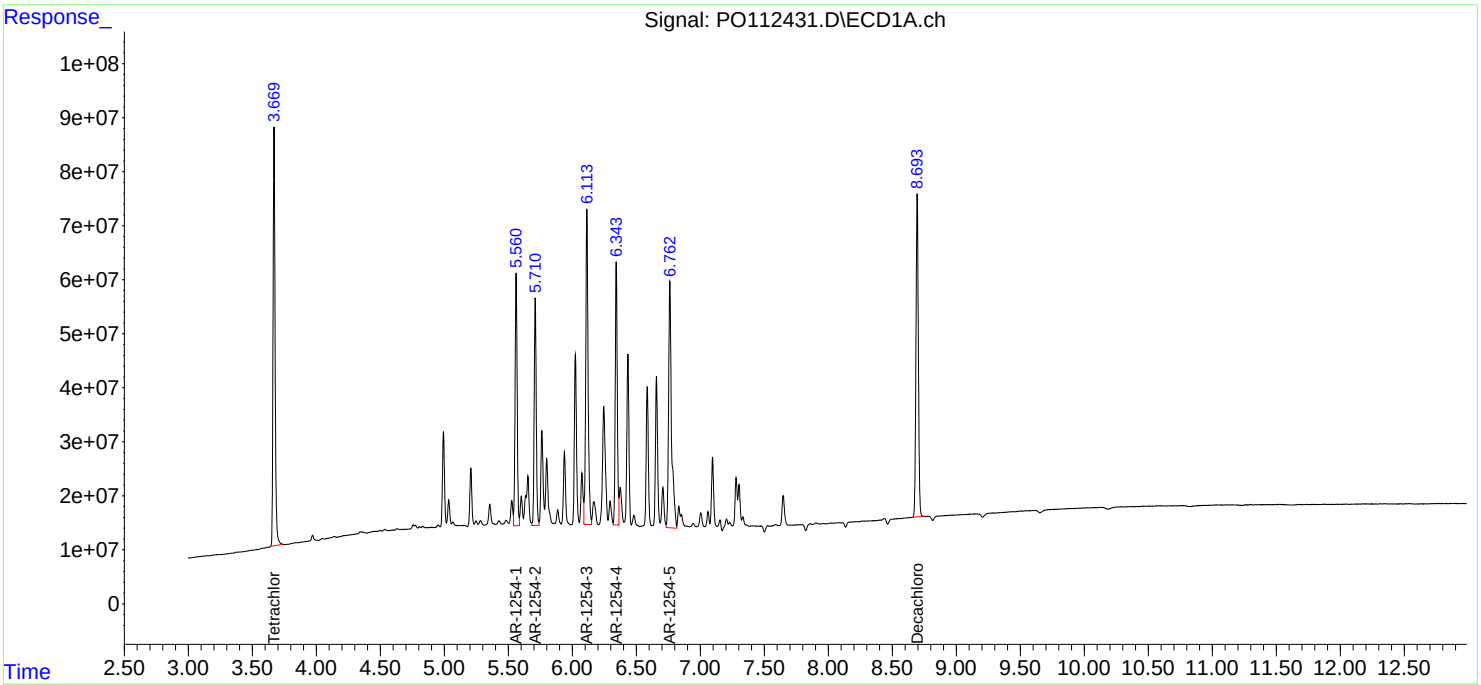
ICAL Form

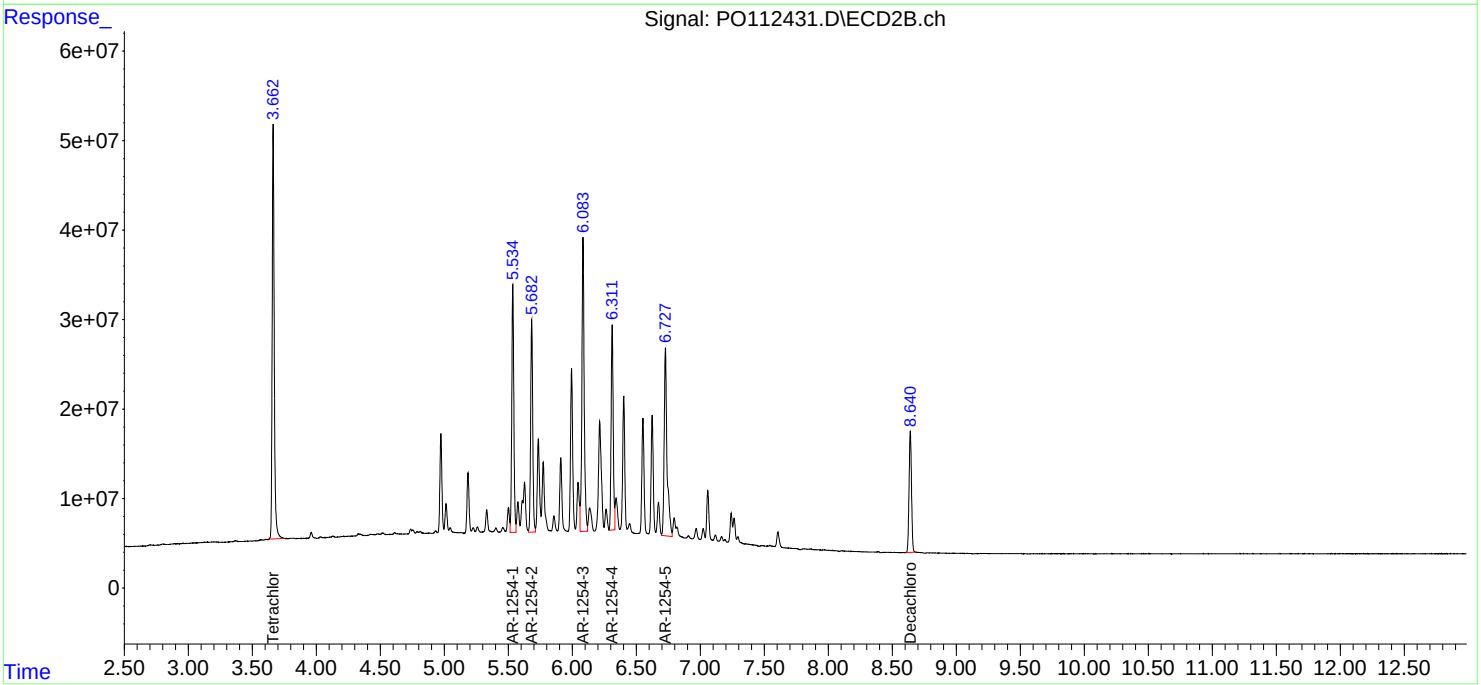
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:44
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

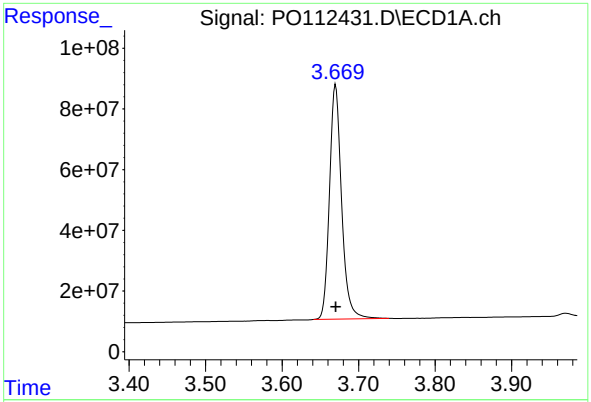
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

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



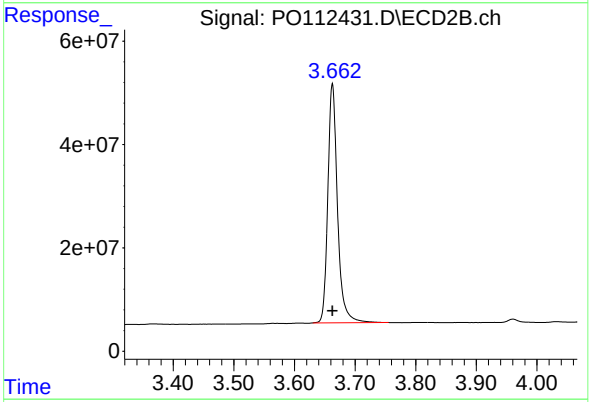




#1 Tetrachloro-m-xylene

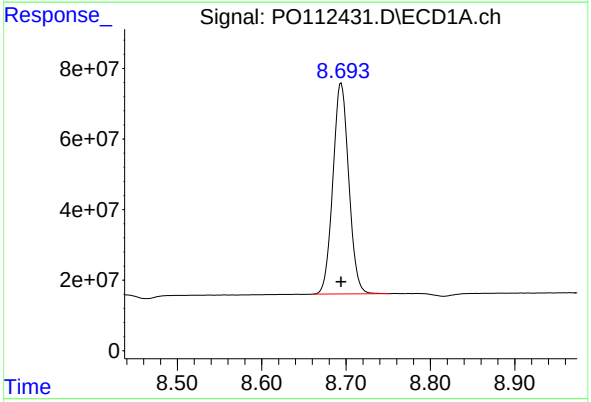
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 847789375
Conc: 96.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



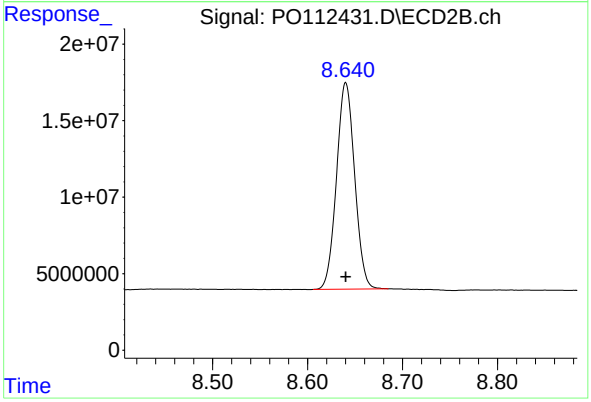
#1 Tetrachloro-m-xylene

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



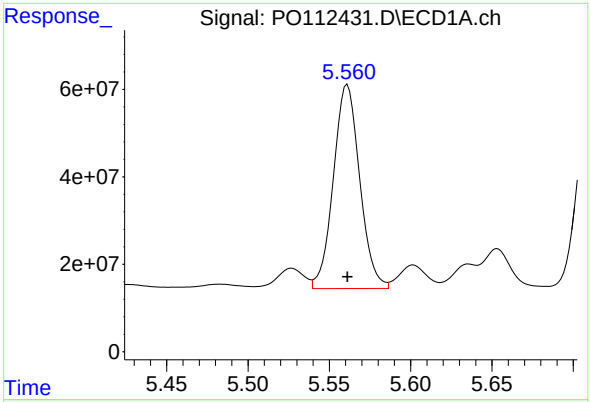
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

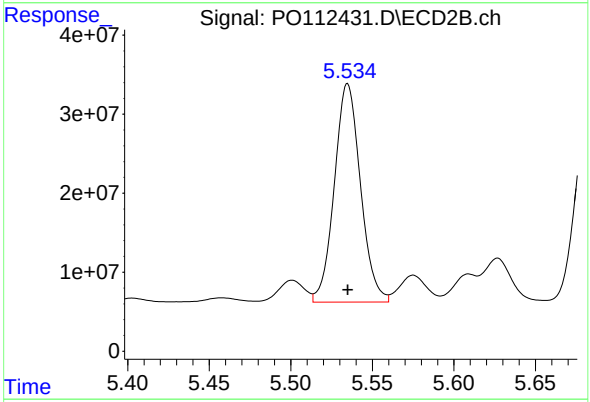
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 179406564
Conc: 96.85 ng/ml



#26 AR-1254-1

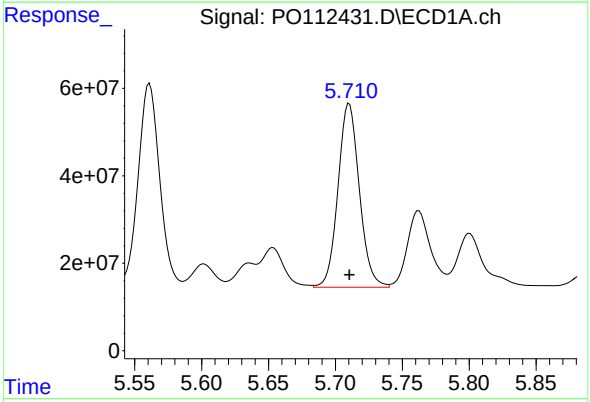
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 525205609
Conc: 960.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



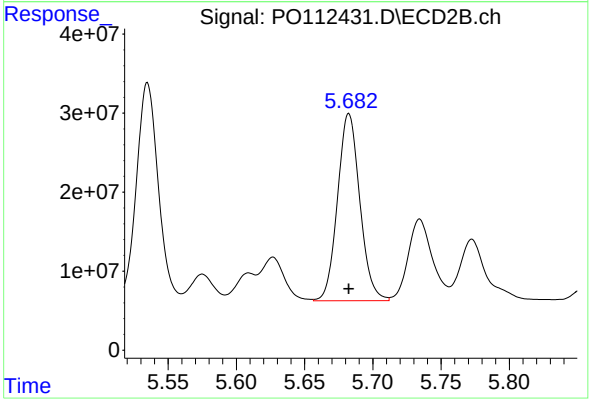
#26 AR-1254-1

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



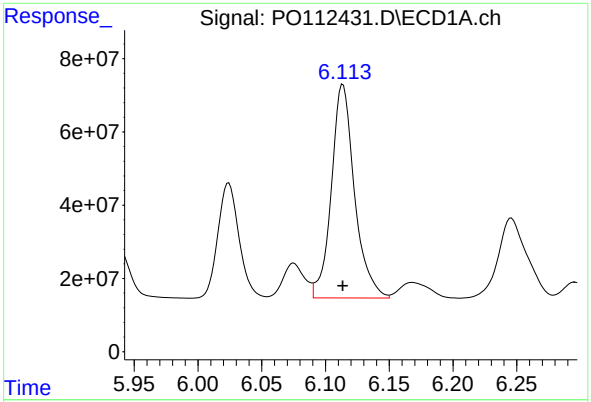
#27 AR-1254-2

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



#27 AR-1254-2

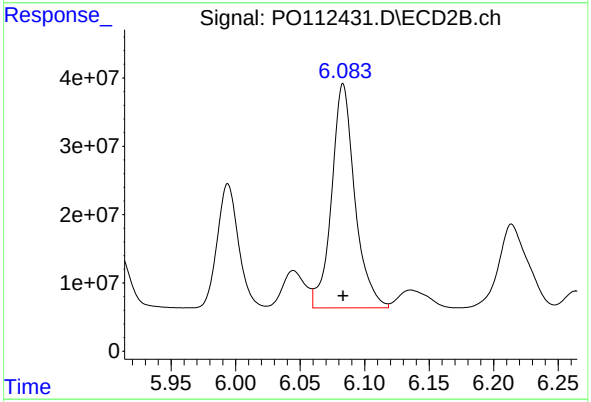
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 269579969
Conc: 954.13 ng/ml



#28 AR-1254-3

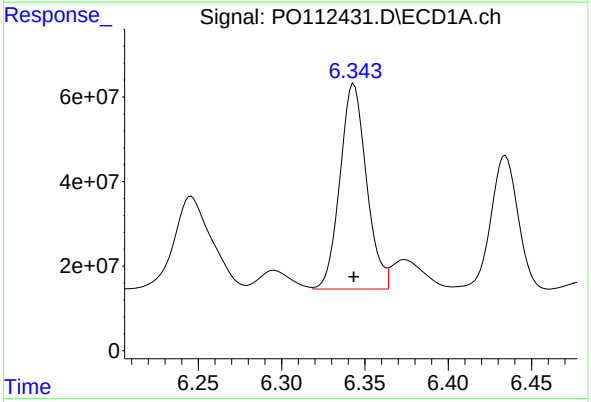
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 736681841
Conc: 972.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



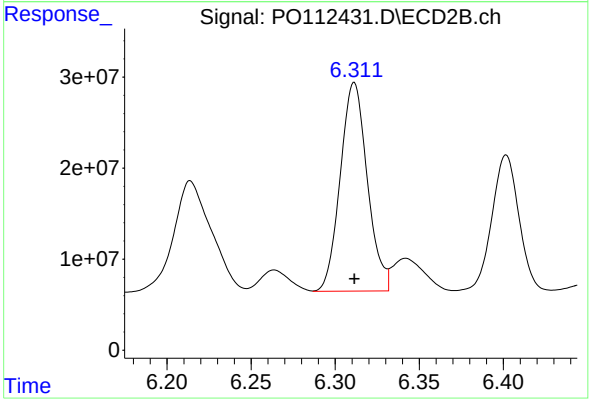
#28 AR-1254-3

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



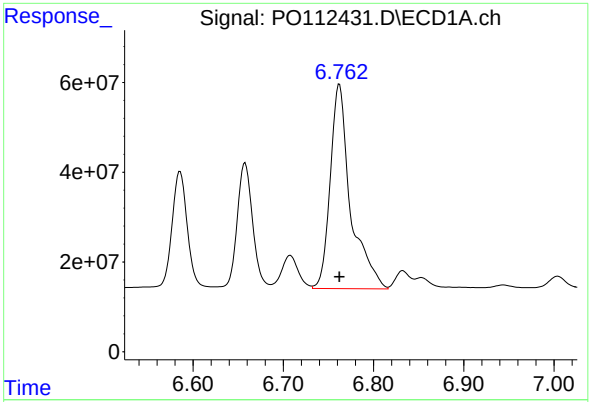
#29 AR-1254-4

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



#29 AR-1254-4

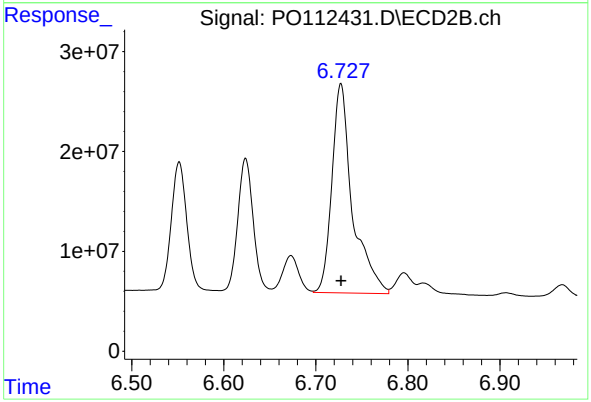
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 256982627
Conc: 958.80 ng/ml



#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.

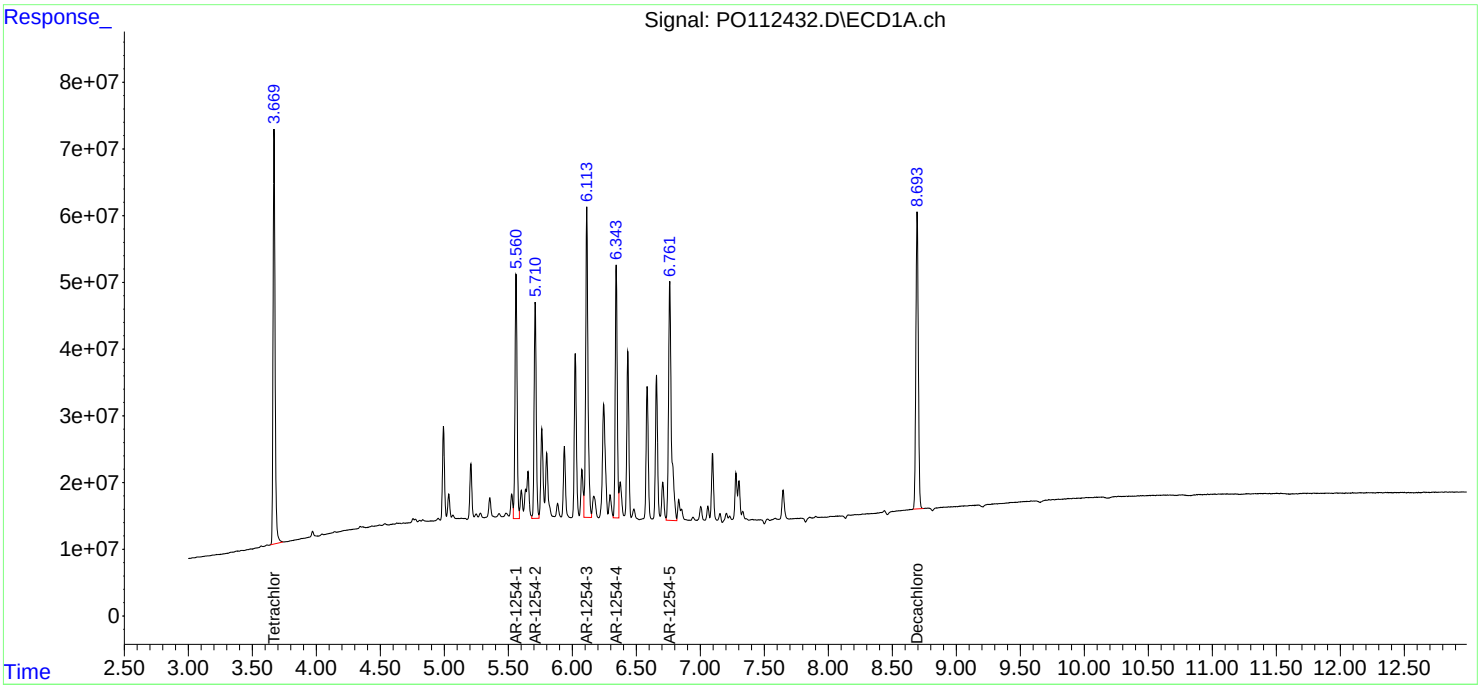
ICAL Form

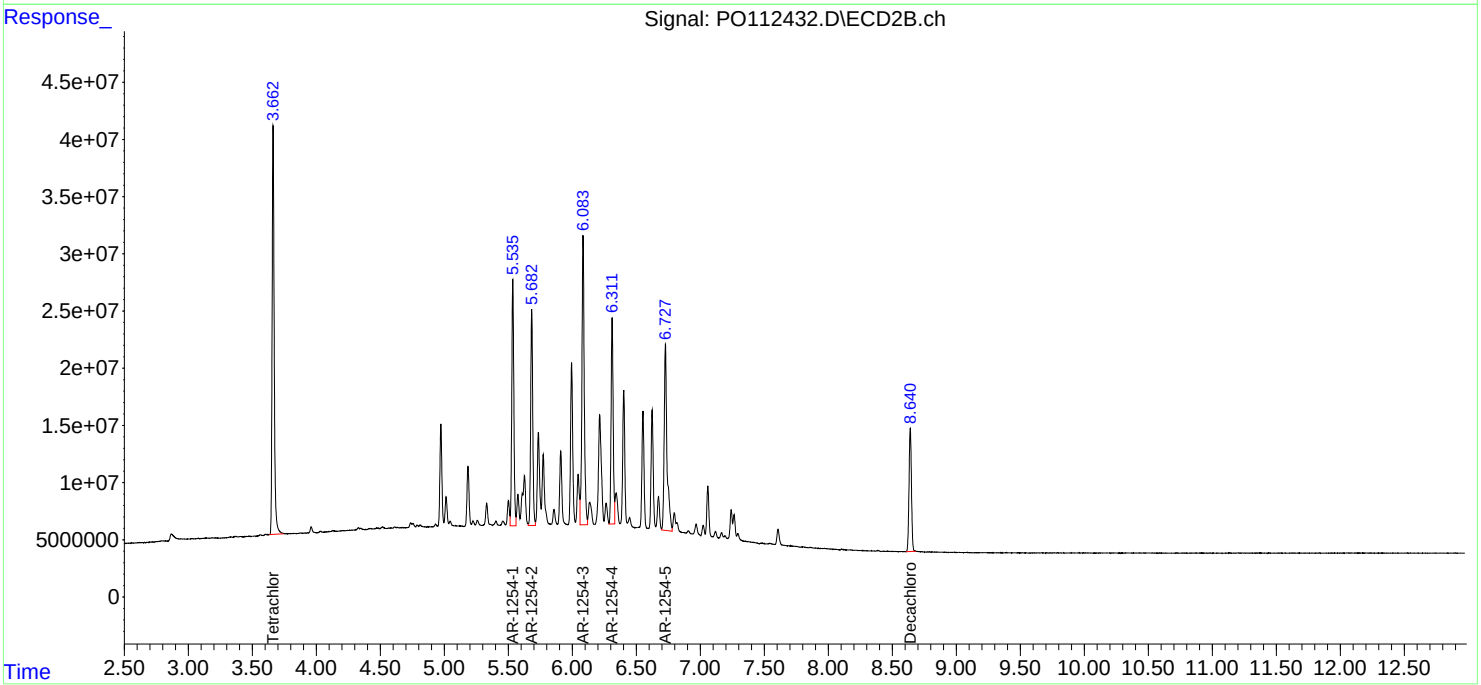
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:02
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

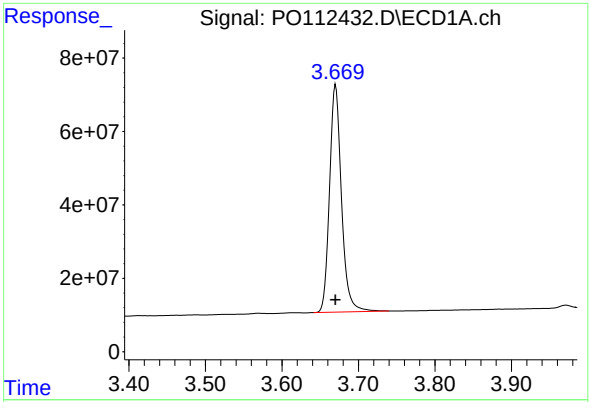
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

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



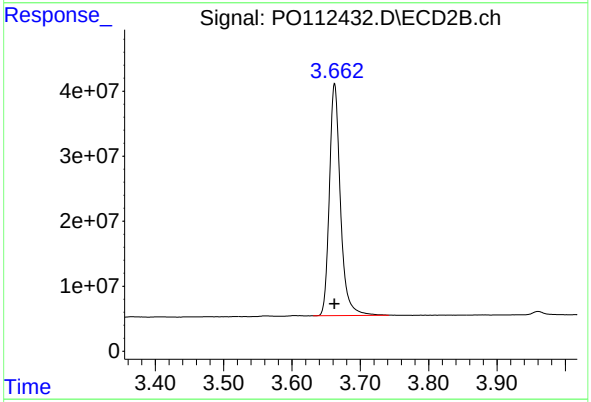




#1 Tetrachloro-m-xylene

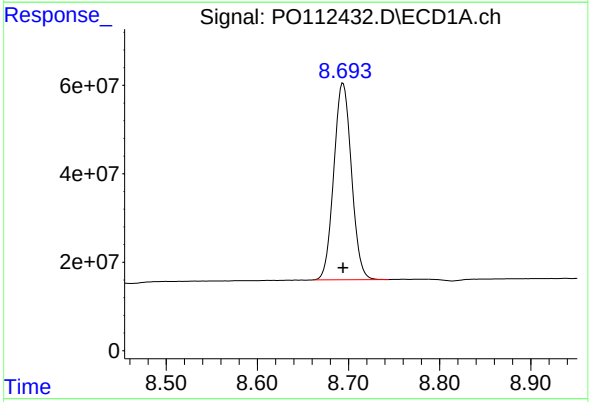
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 669659889
Conc: 76.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



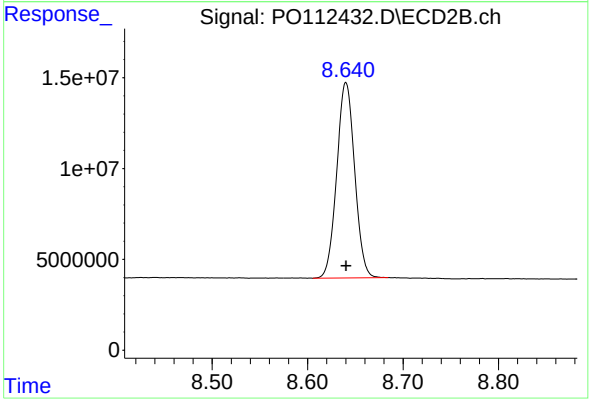
#1 Tetrachloro-m-xylene

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



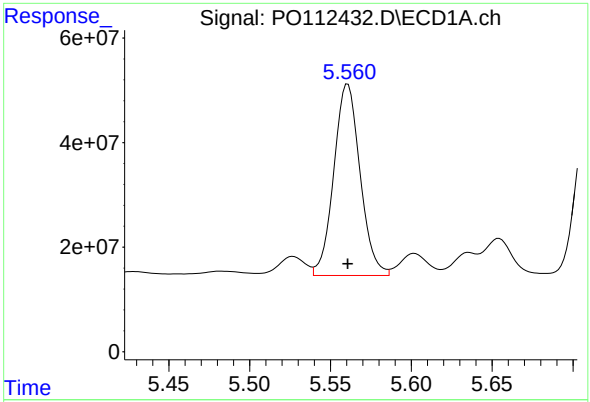
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

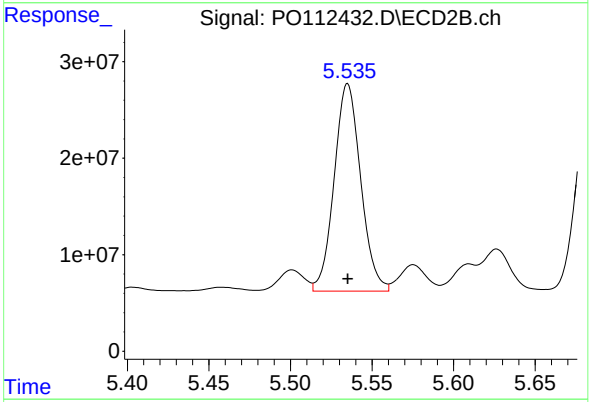
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 140411365
Conc: 75.53 ng/ml



#26 AR-1254-1

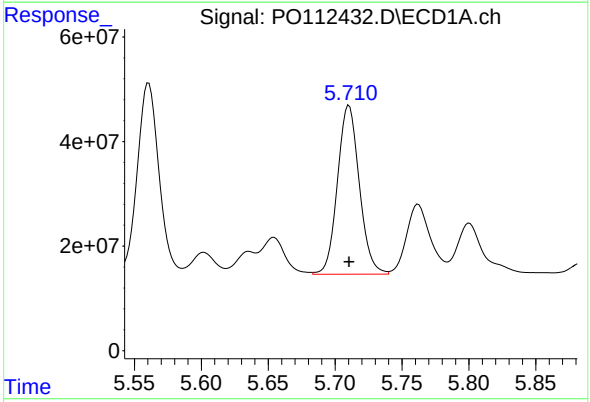
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 413902155
Conc: 754.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



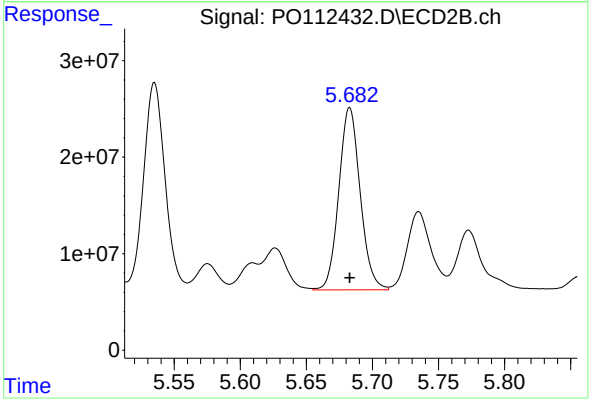
#26 AR-1254-1

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



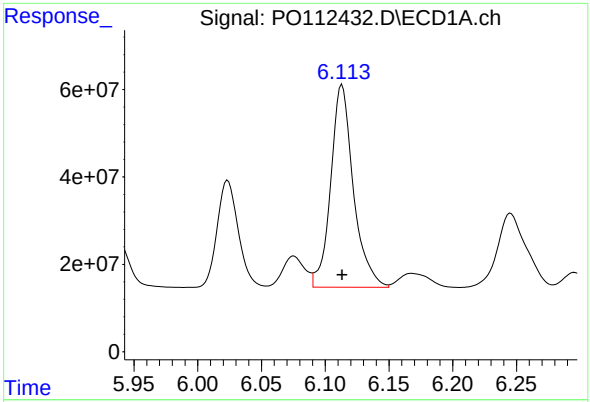
#27 AR-1254-2

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



#27 AR-1254-2

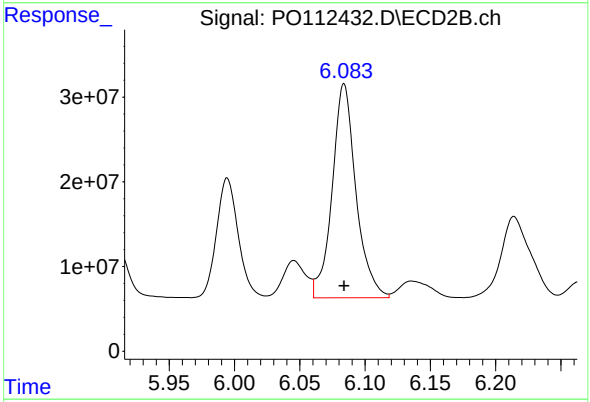
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 212567365
Conc: 751.56 ng/ml



#28 AR-1254-3

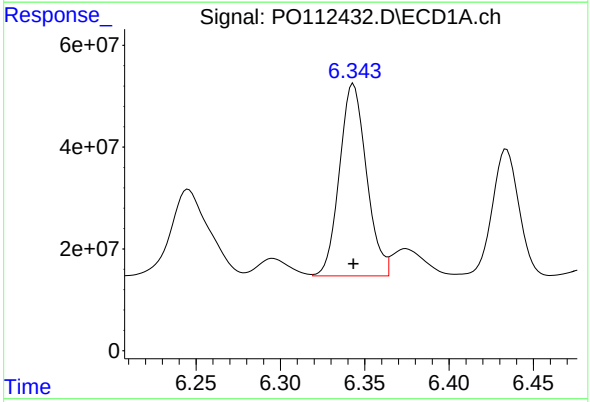
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 574026402
Conc: 755.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



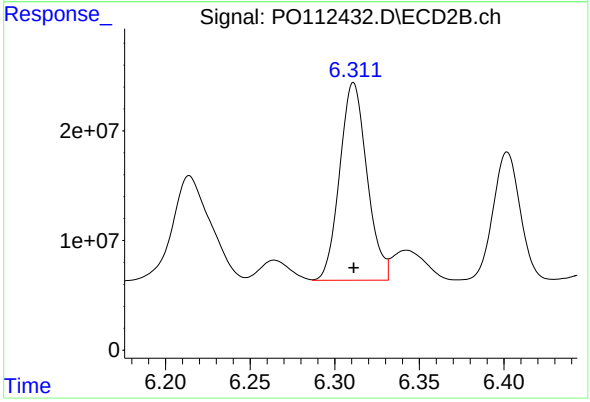
#28 AR-1254-3

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



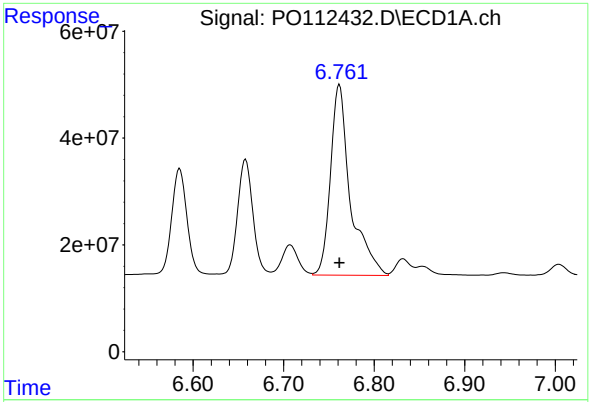
#29 AR-1254-4

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



#29 AR-1254-4

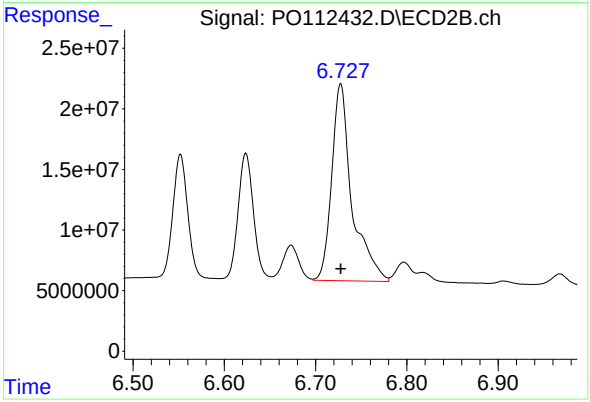
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 202358218
Conc: 753.32 ng/ml



#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

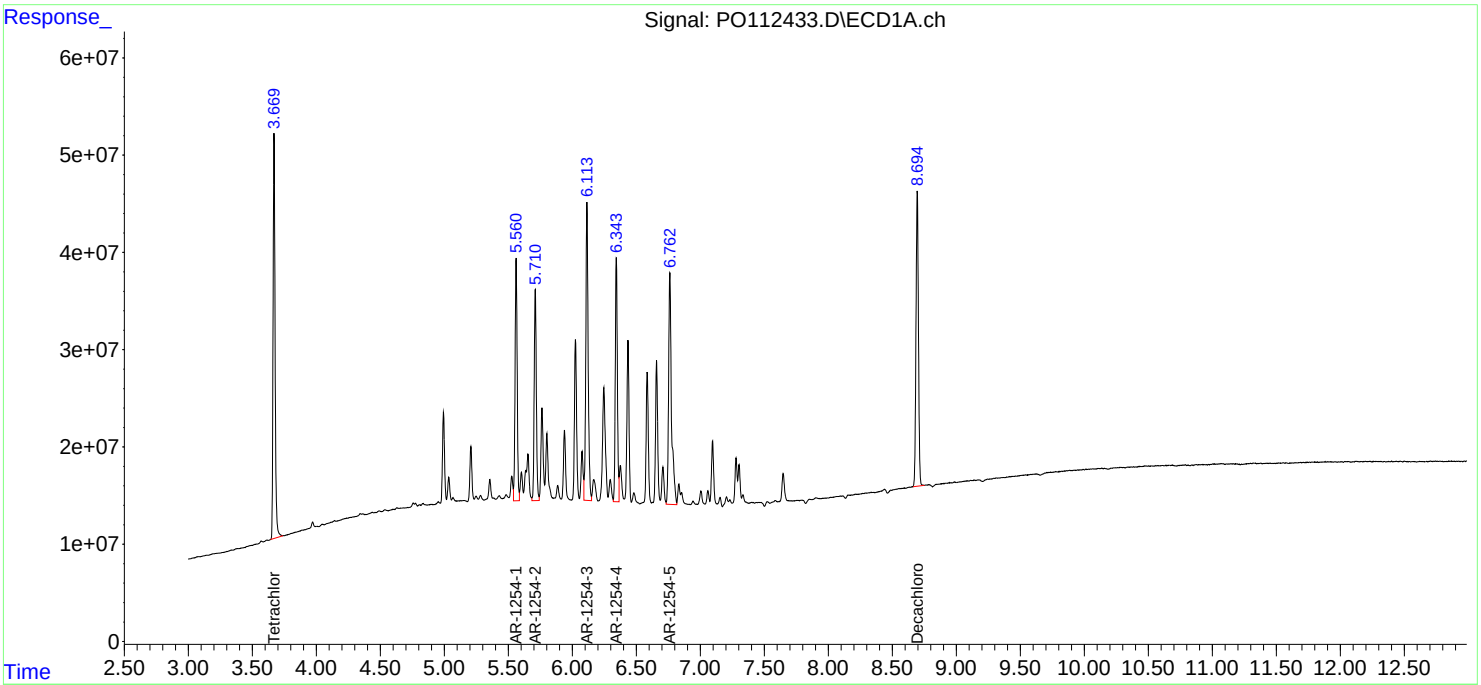
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

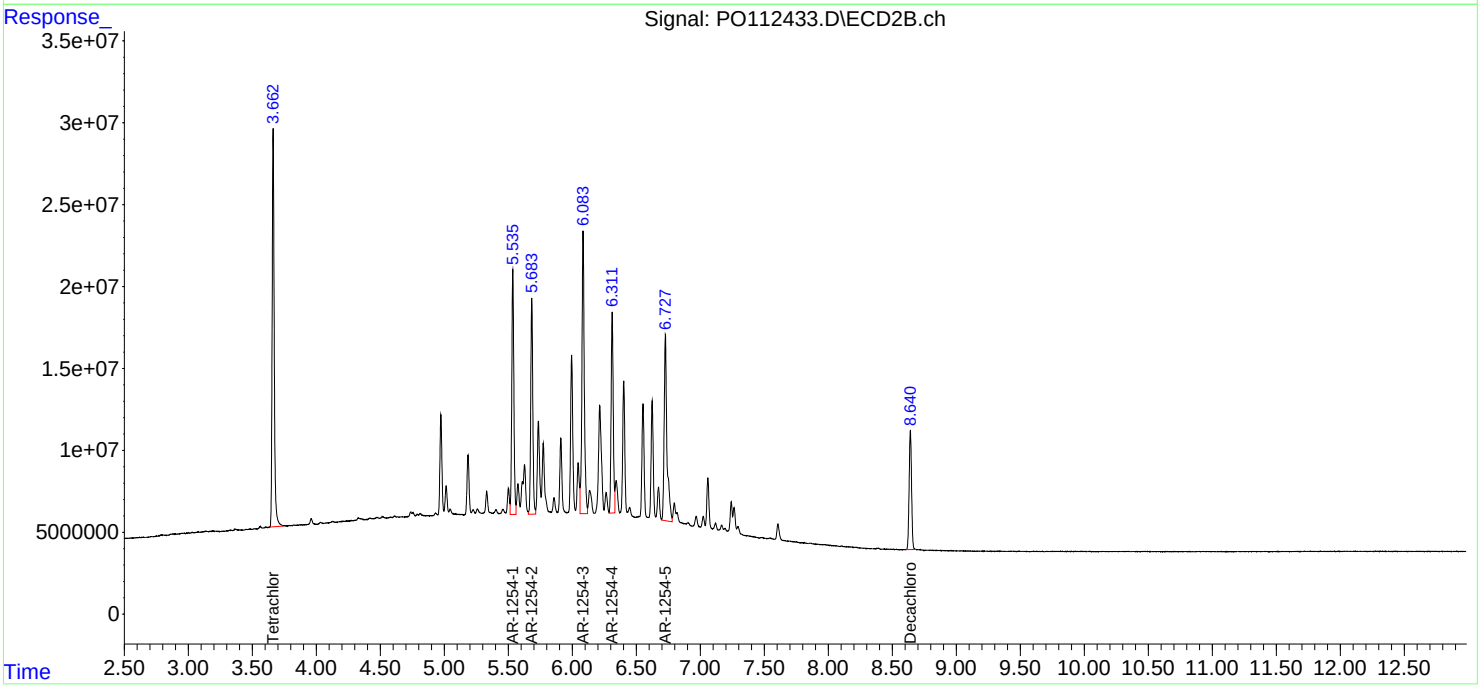
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:21
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

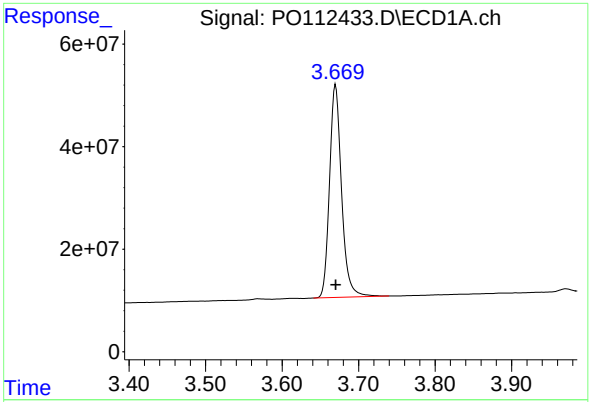
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

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



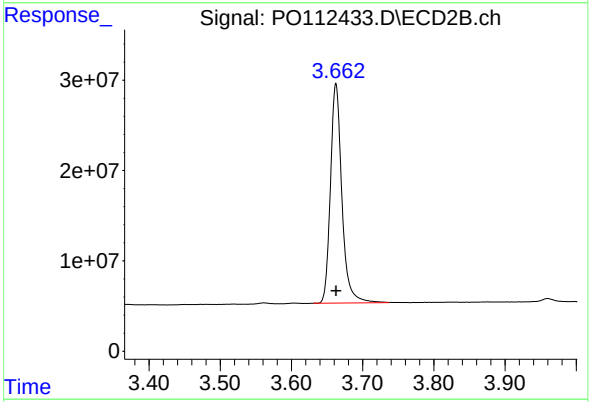




#1 Tetrachloro-m-xylene

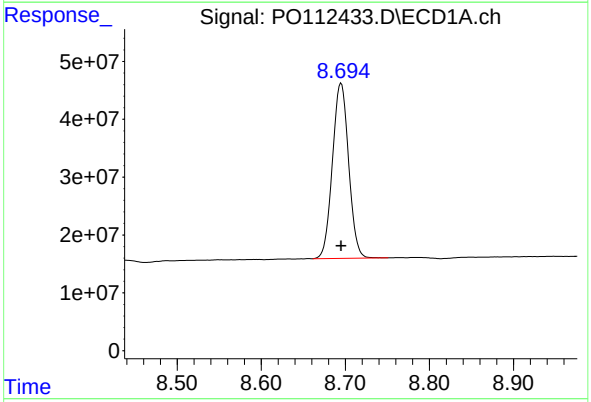
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 450992127
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



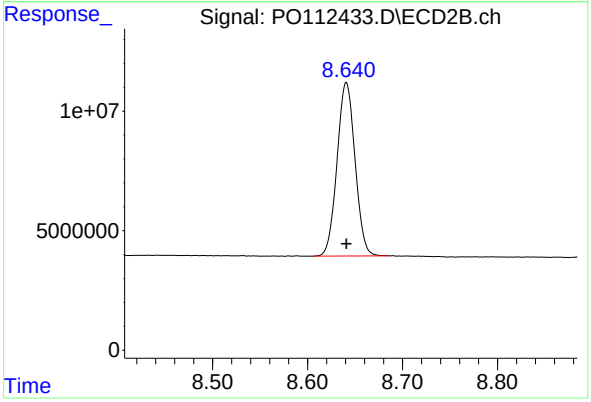
#1 Tetrachloro-m-xylene

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



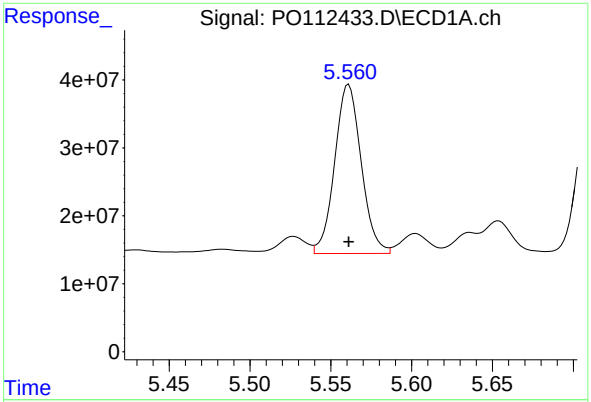
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

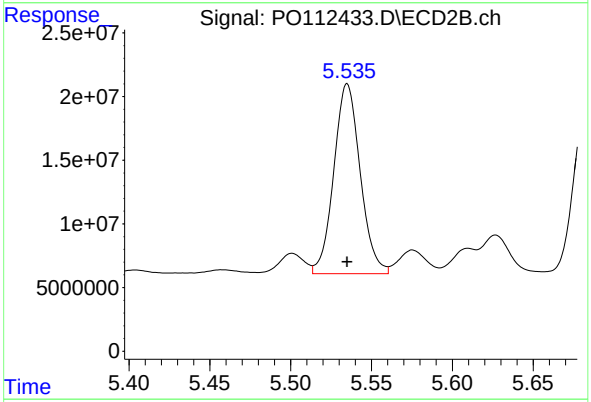
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 95544930
Conc: 50.00 ng/ml



#26 AR-1254-1

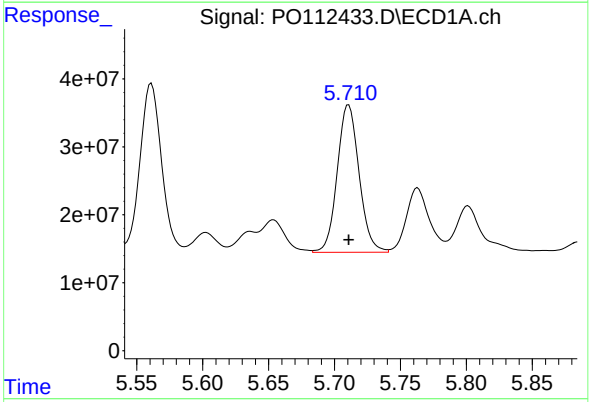
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 284024039
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



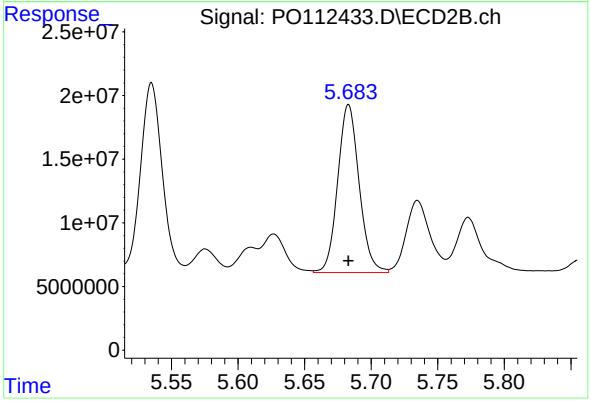
#26 AR-1254-1

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



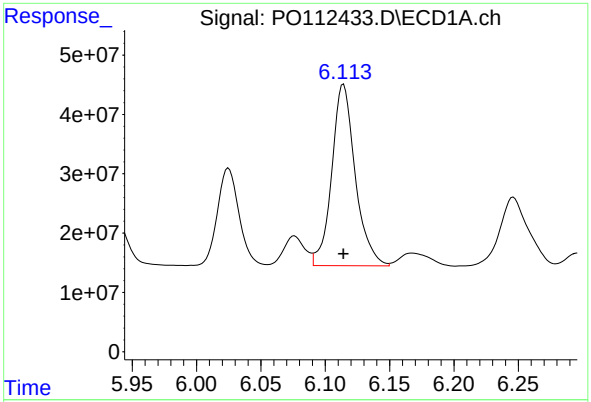
#27 AR-1254-2

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



#27 AR-1254-2

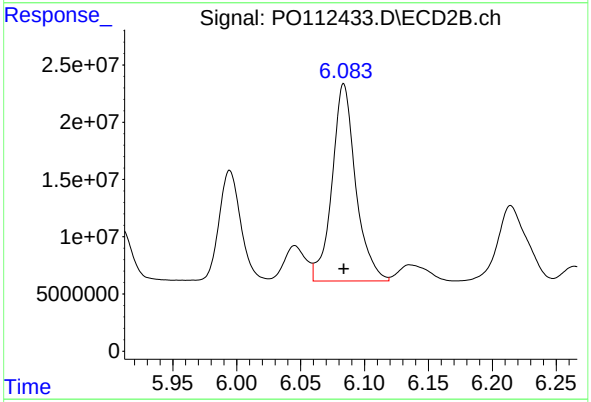
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 147749733
Conc: 500.00 ng/ml



#28 AR-1254-3

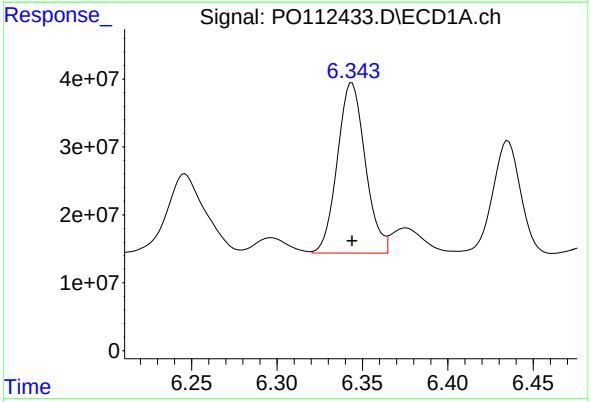
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 389058308
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



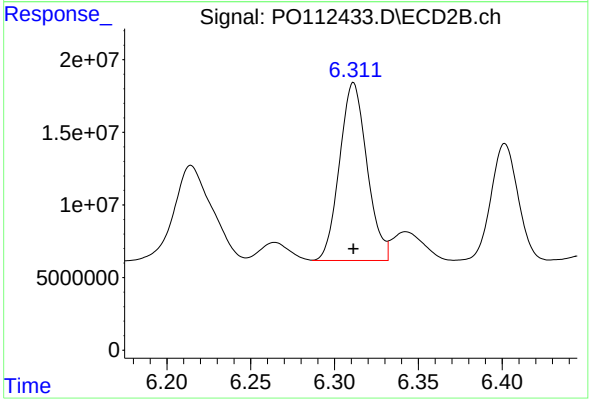
#28 AR-1254-3

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



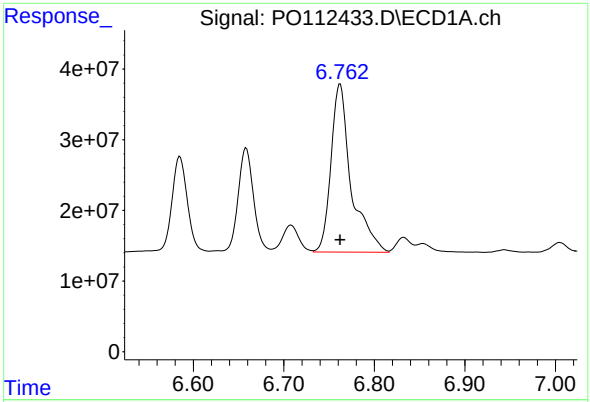
#29 AR-1254-4

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



#29 AR-1254-4

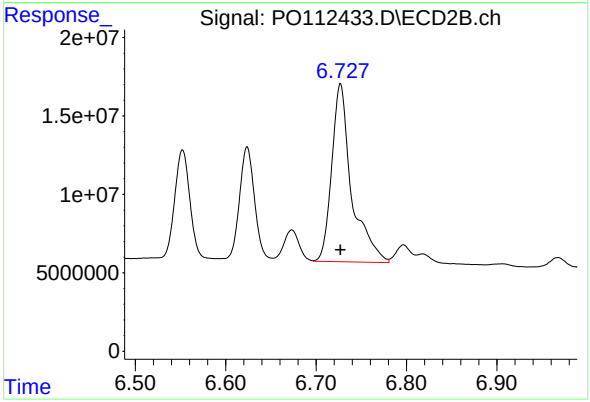
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 139534321
Conc: 500.00 ng/ml



#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.

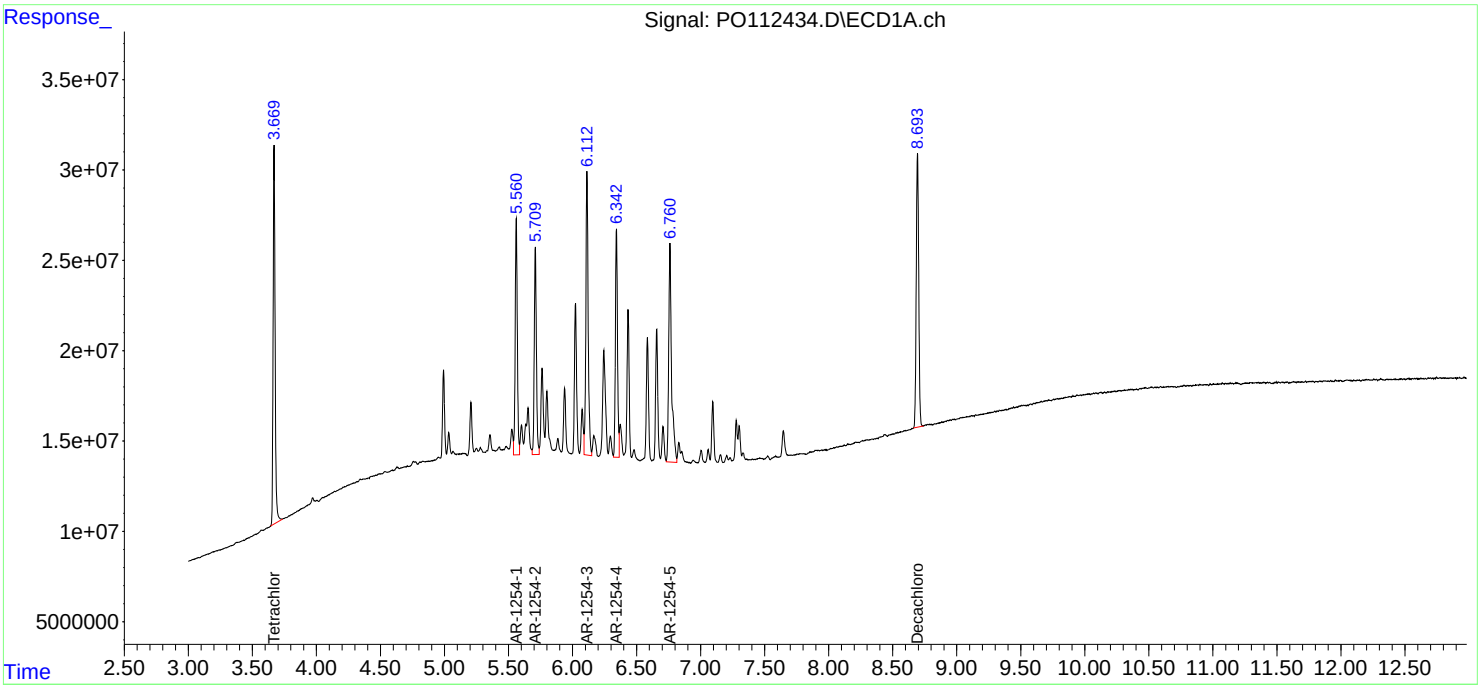
ICAL Form

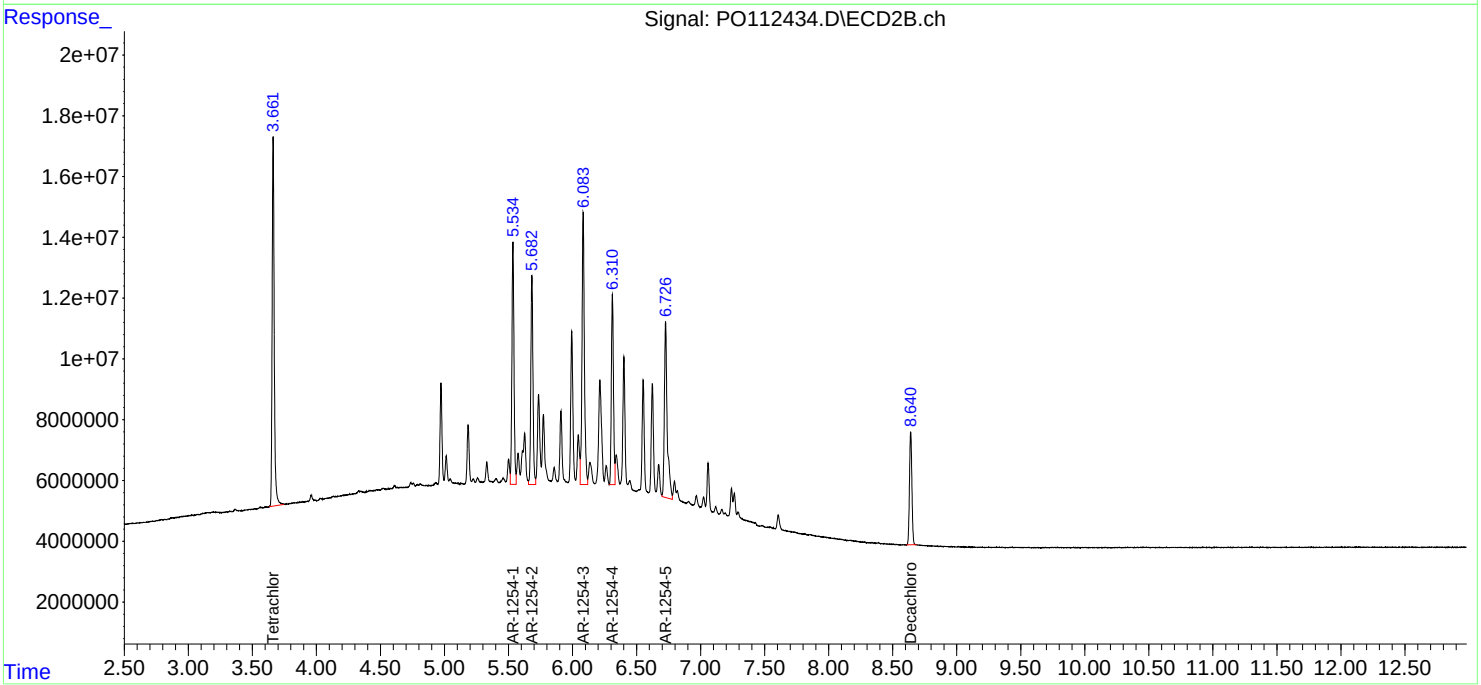
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:39
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

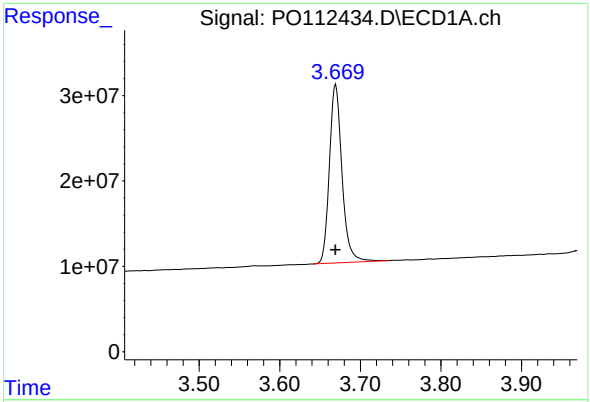
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

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



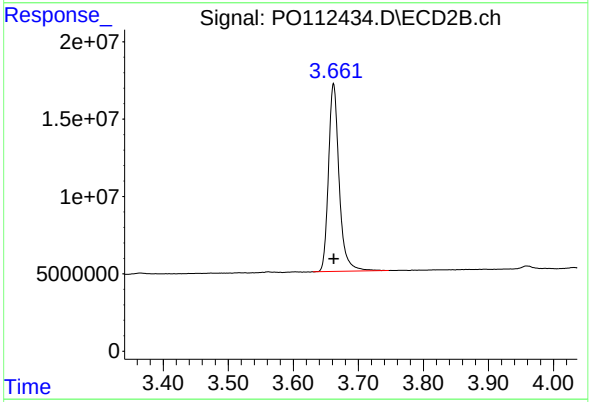




#1 Tetrachloro-m-xylene

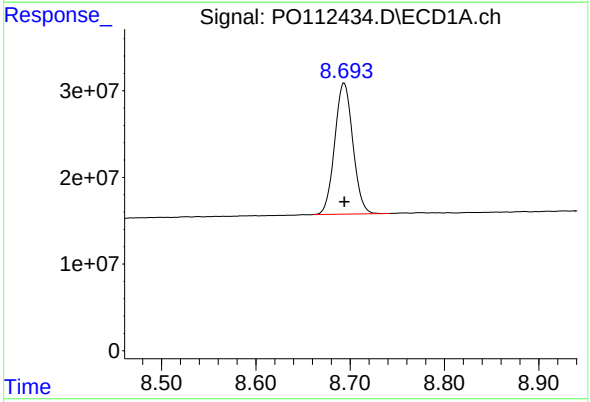
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 226937720
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



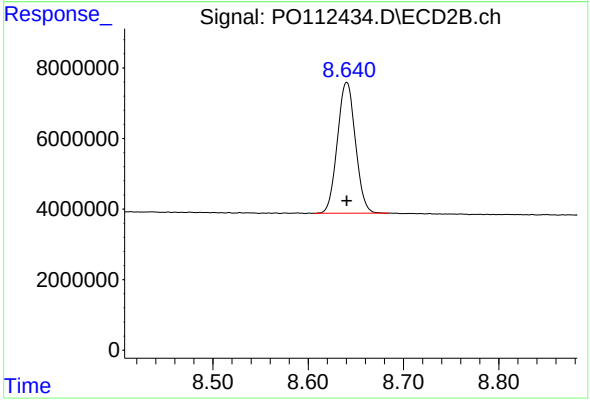
#1 Tetrachloro-m-xylene

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



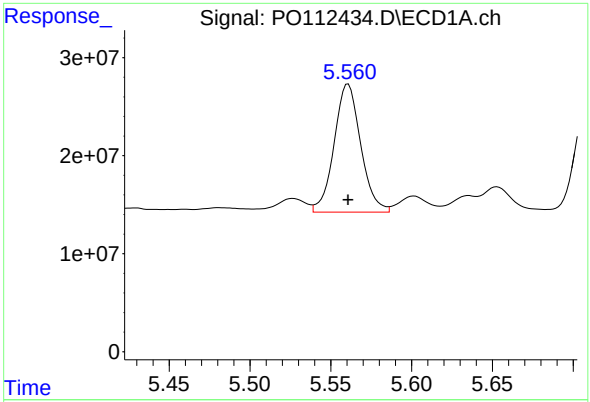
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

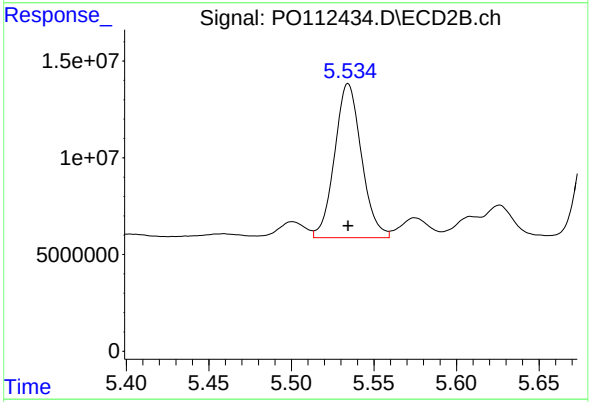
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 48700127
Conc: 25.89 ng/ml



#26 AR-1254-1

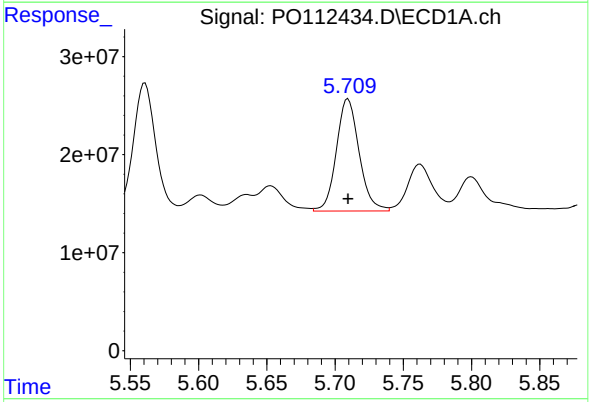
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 149790449
Conc: 266.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



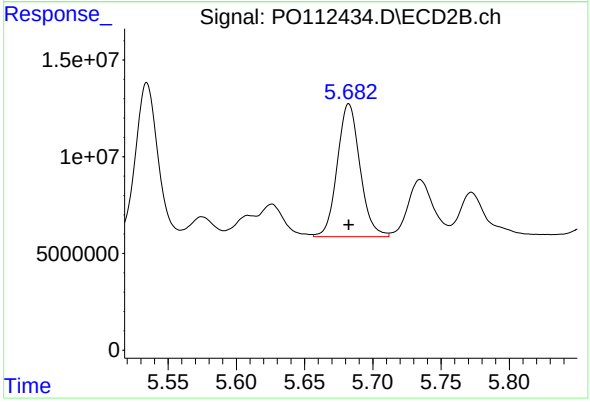
#26 AR-1254-1

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



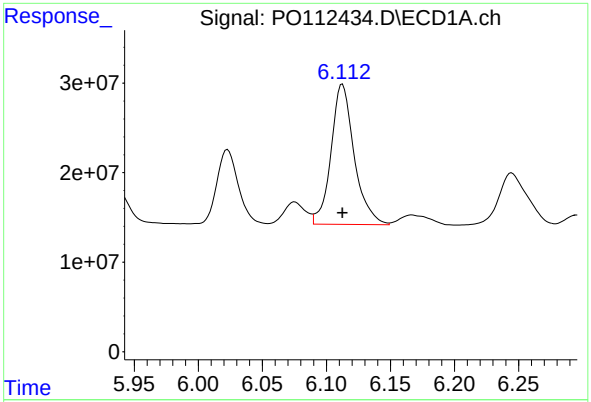
#27 AR-1254-2

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



#27 AR-1254-2

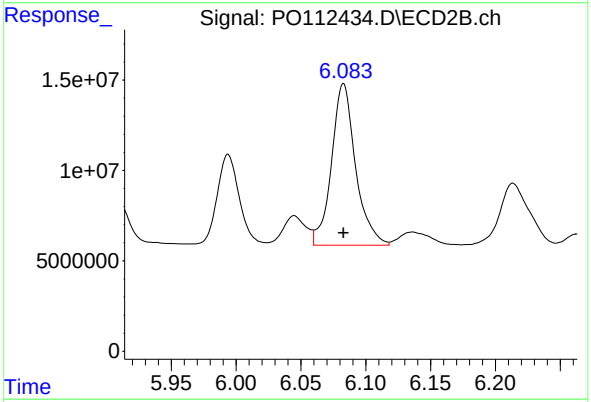
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 79565133
Conc: 272.77 ng/ml



#28 AR-1254-3

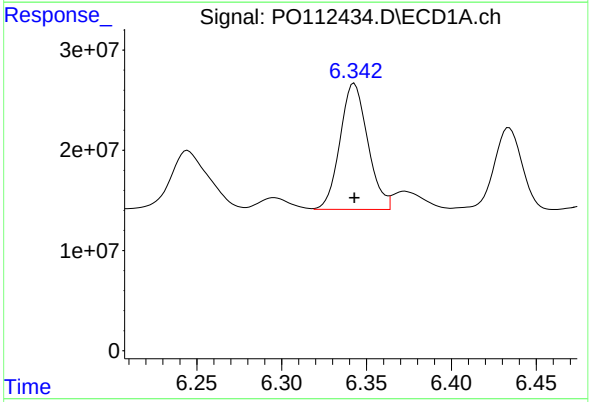
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 197002011
Conc: 256.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



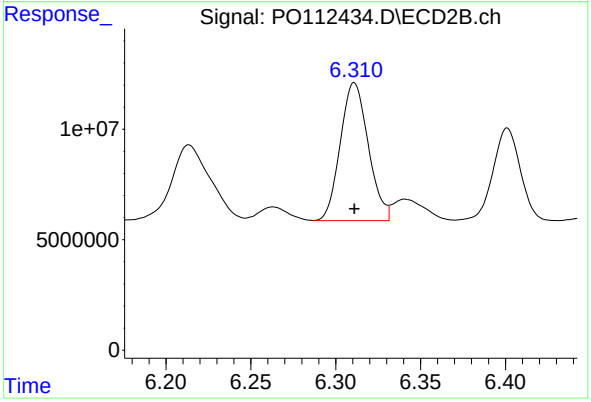
#28 AR-1254-3

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



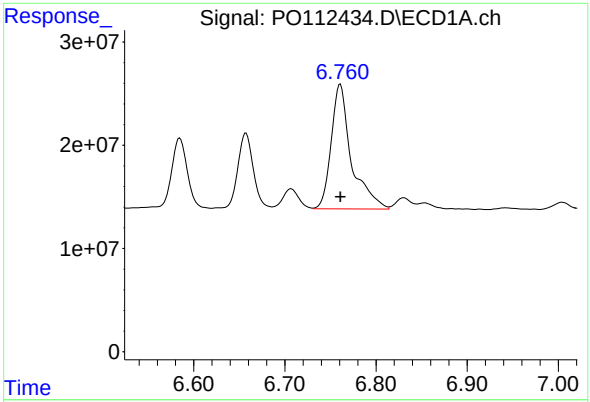
#29 AR-1254-4

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



#29 AR-1254-4

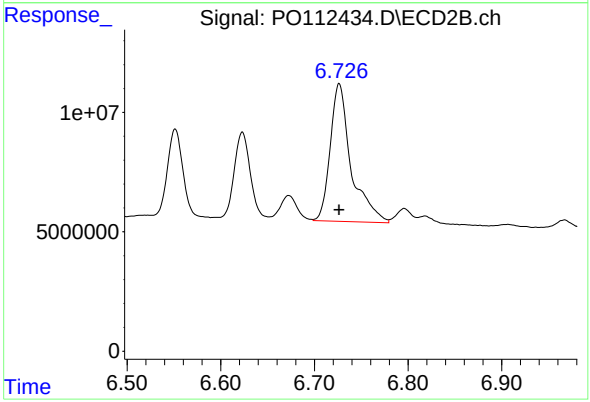
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 71723033
Conc: 262.54 ng/ml



#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

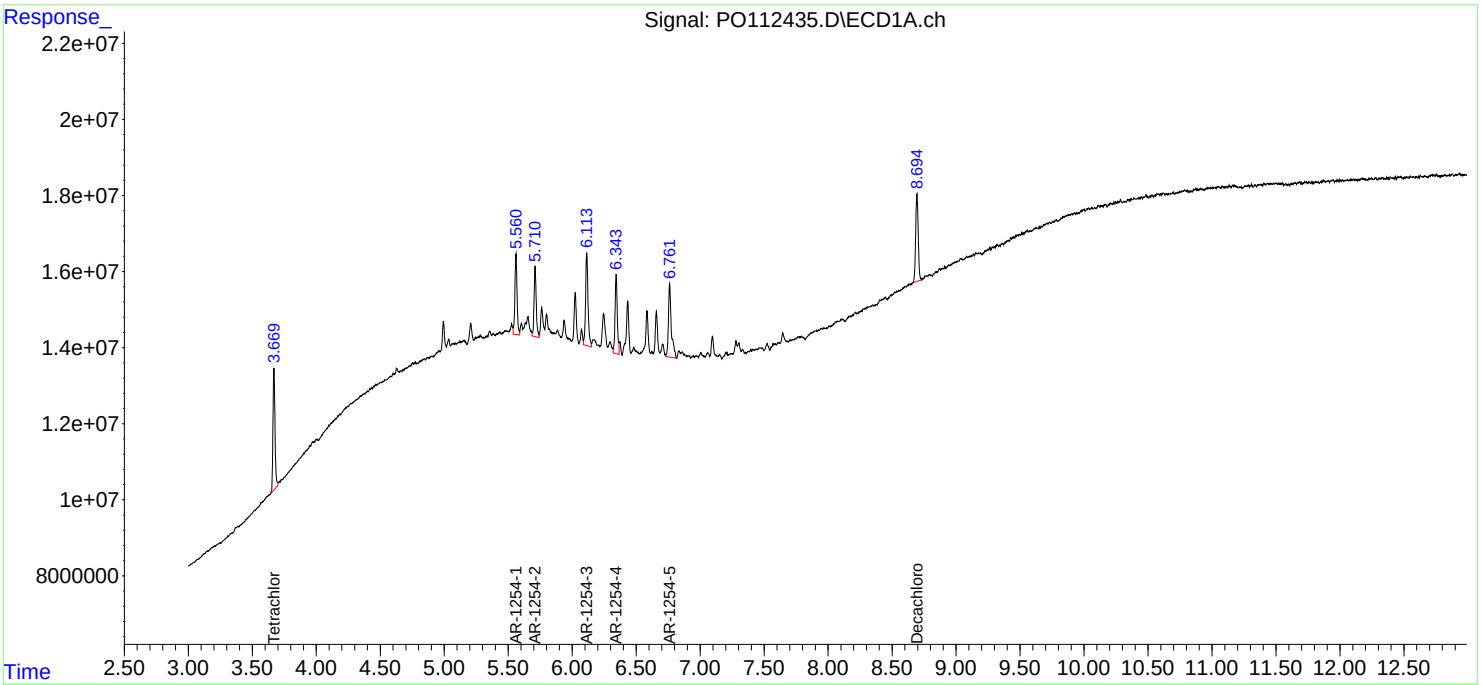
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

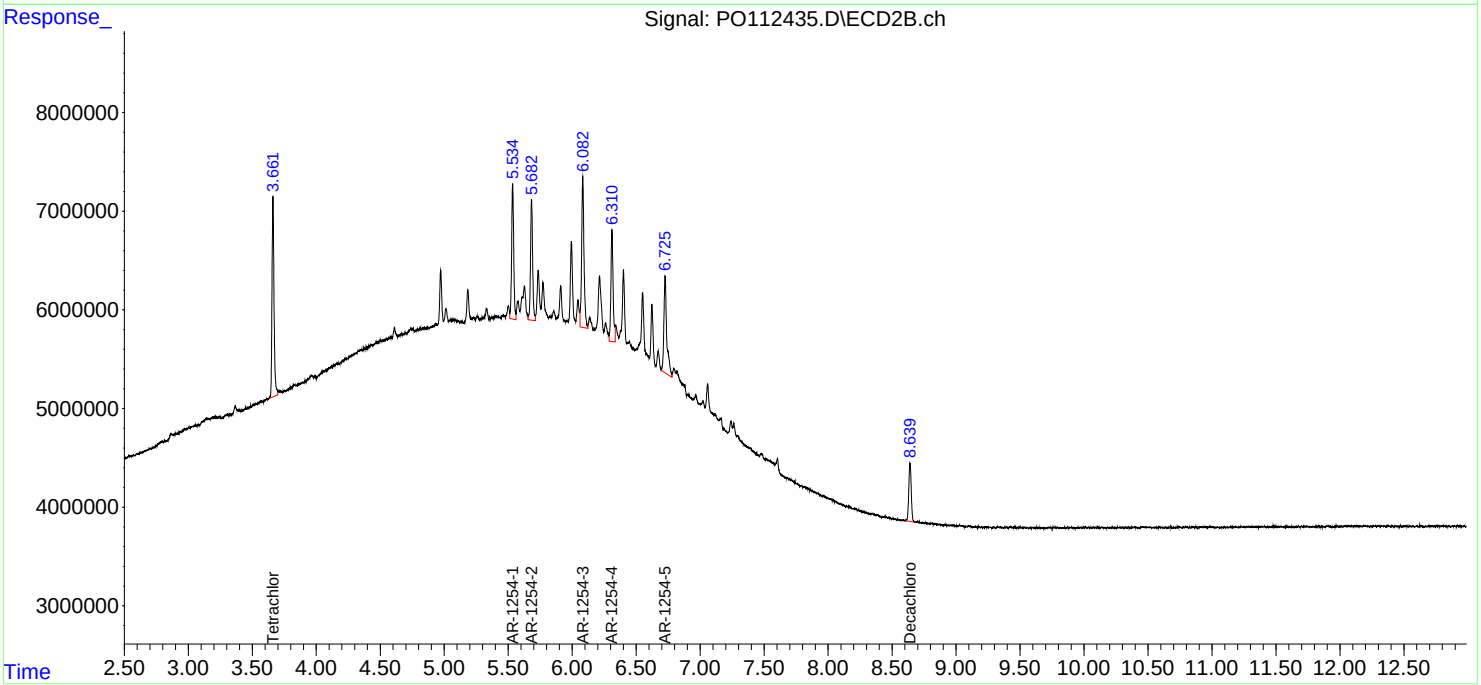
Manual Integrations APPROVED

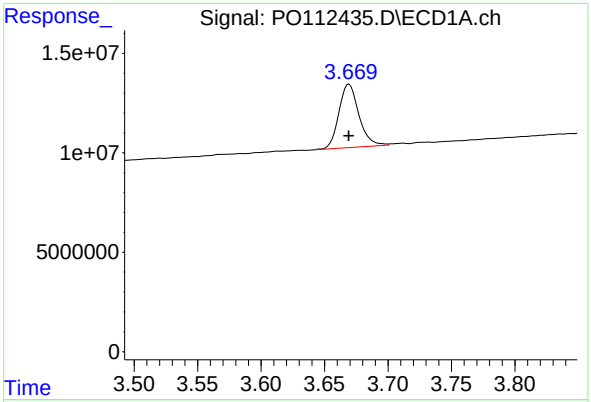
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







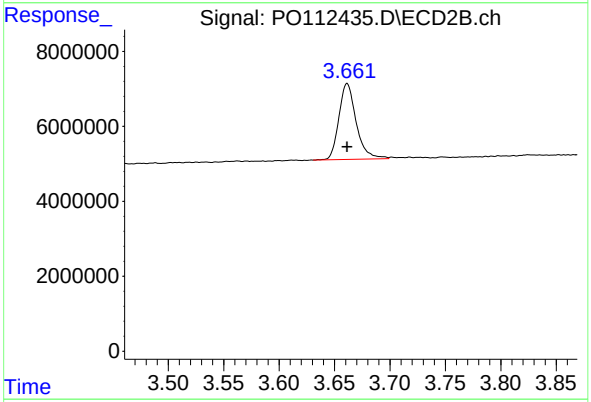
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

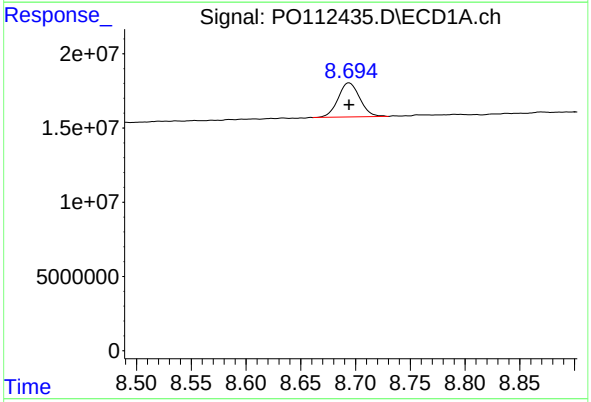
Manual Integrations APPROVED

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



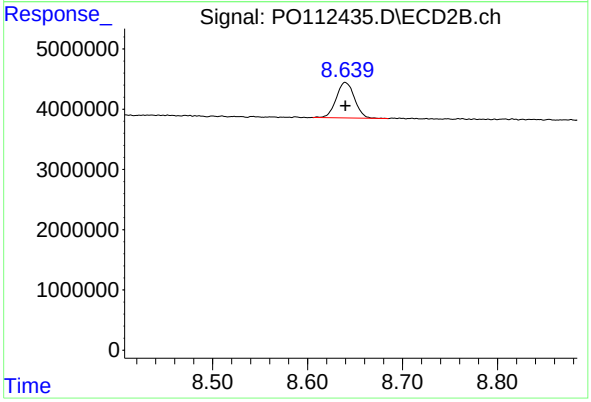
#1 Tetrachloro-m-xylene

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



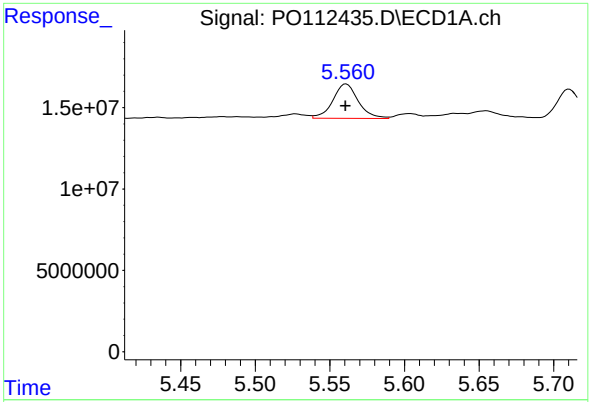
#2 Decachlorobiphenyl

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



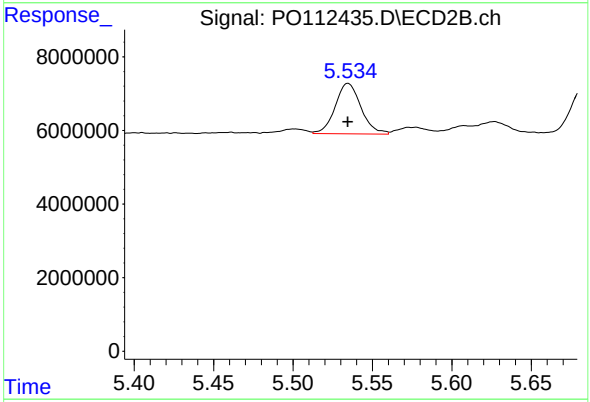
#26 AR-1254-1

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

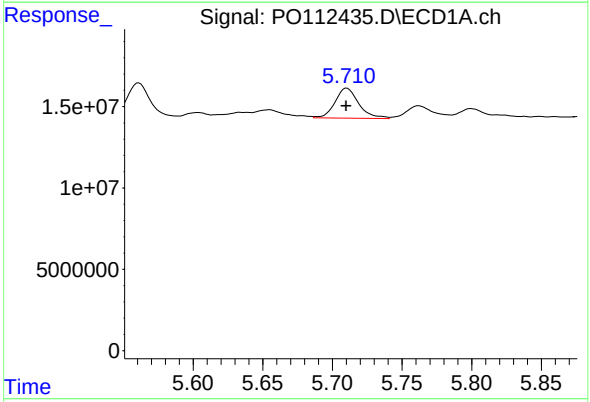
Manual Integrations APPROVED

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



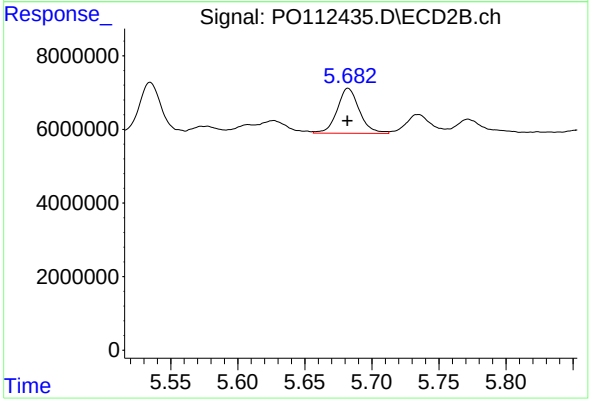
#26 AR-1254-1

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



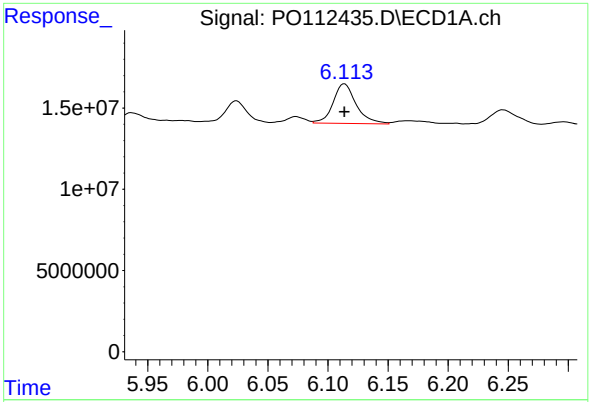
#27 AR-1254-2

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



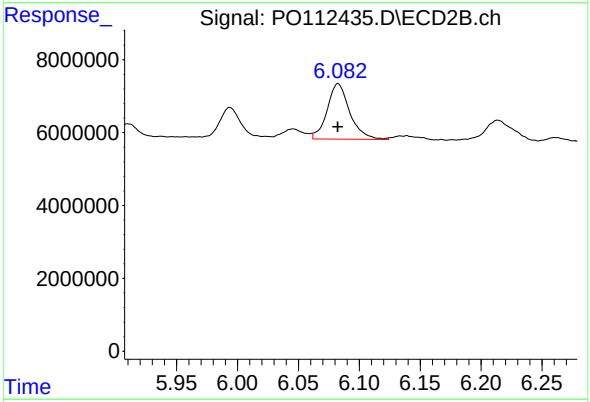
#28 AR-1254-3

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

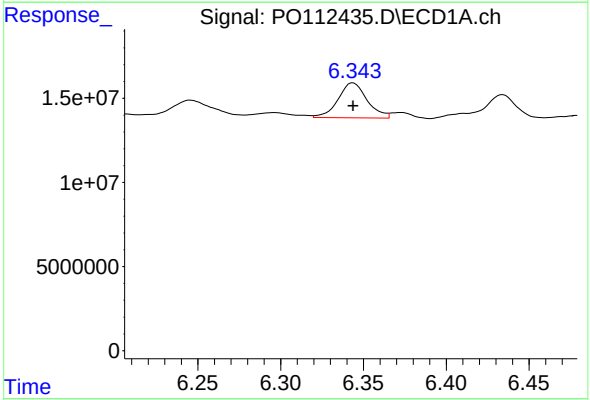
Manual Integrations APPROVED

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



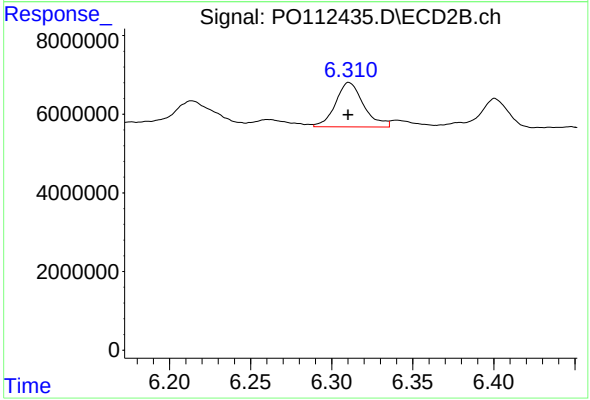
#28 AR-1254-3

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



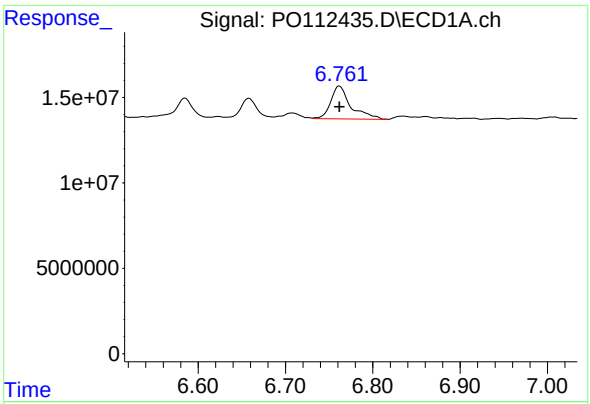
#29 AR-1254-4

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



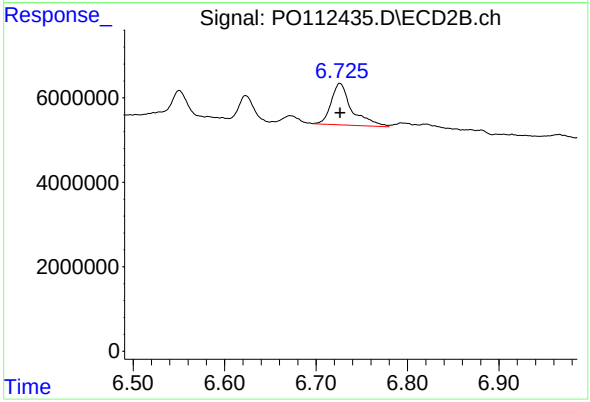
#30 AR-1254-5

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.

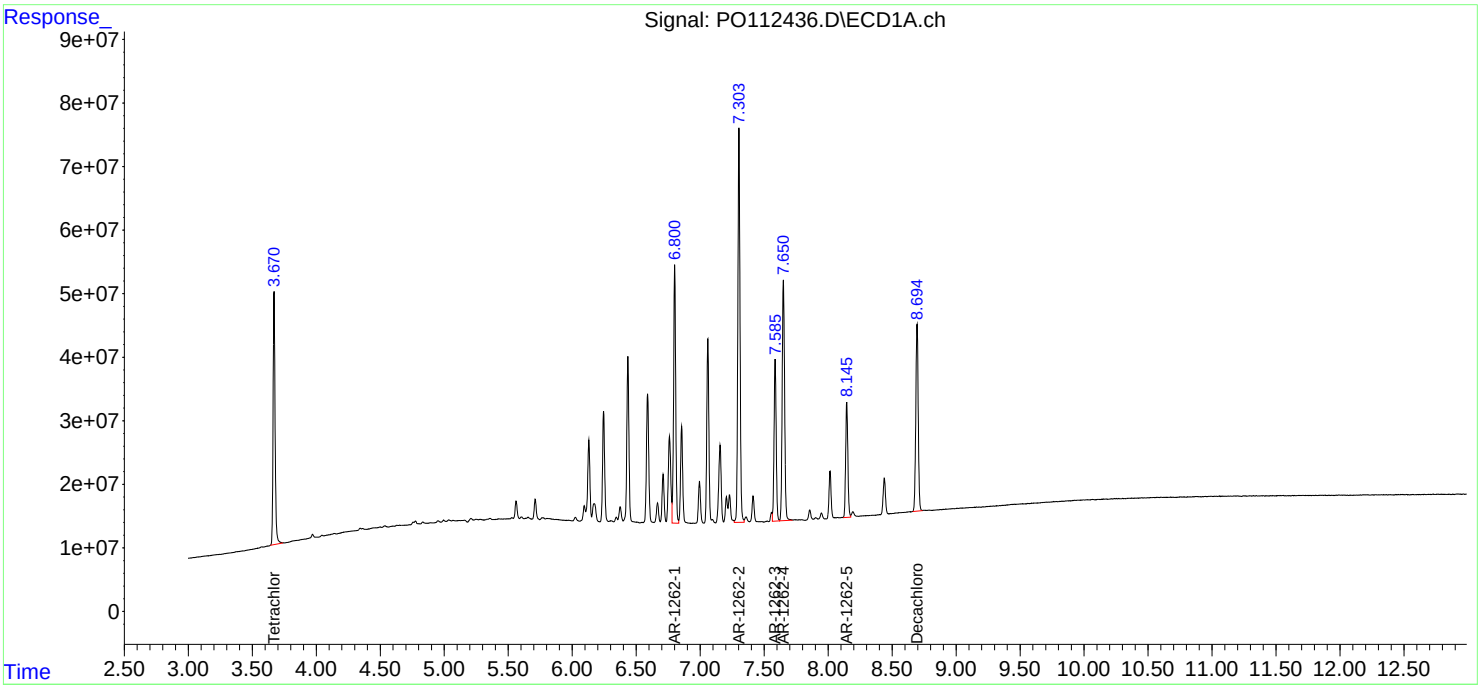
ICAL Form

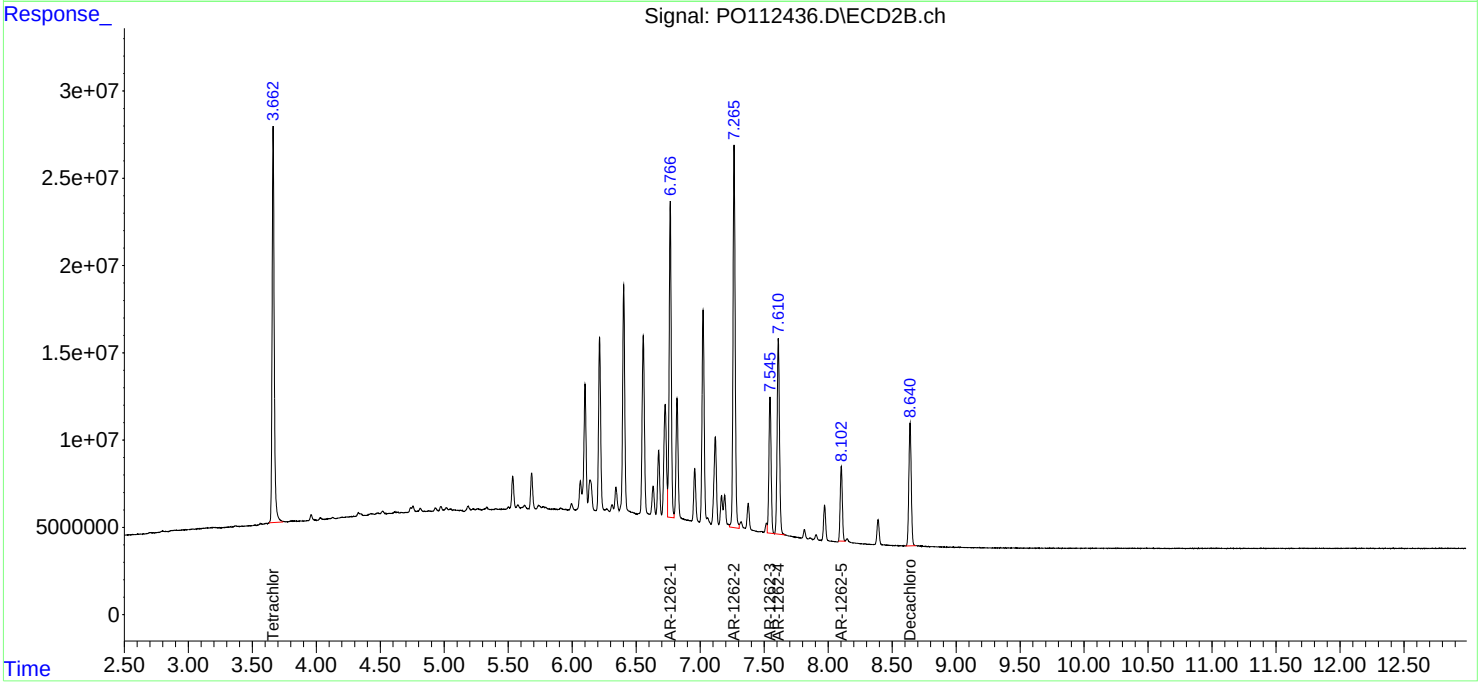
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:16
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

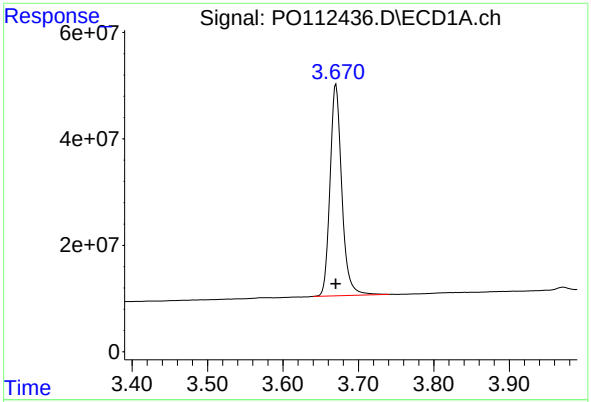
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

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



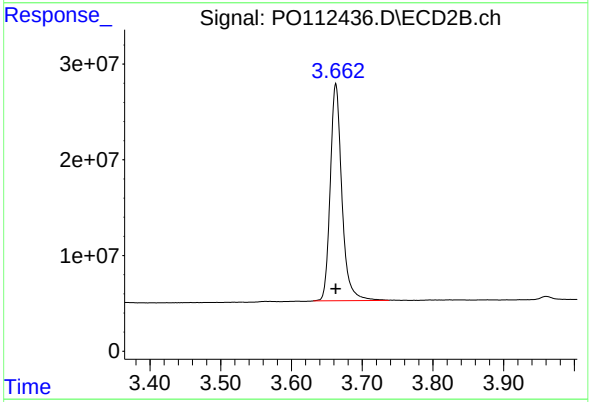




#1 Tetrachloro-m-xylene

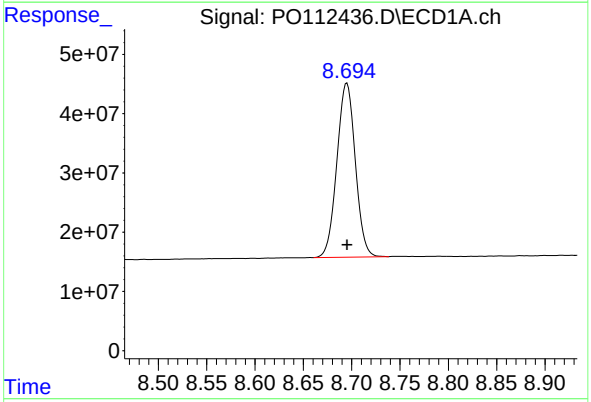
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 431047231
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



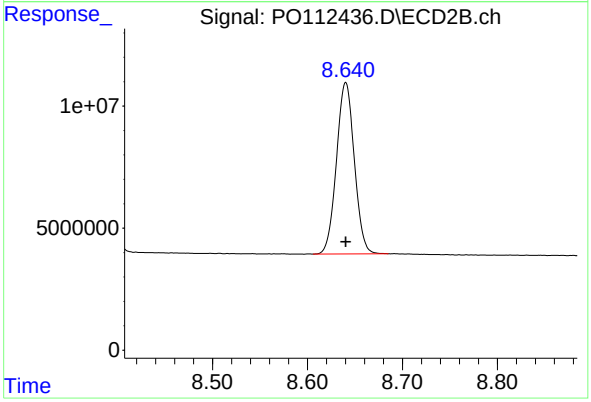
#1 Tetrachloro-m-xylene

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



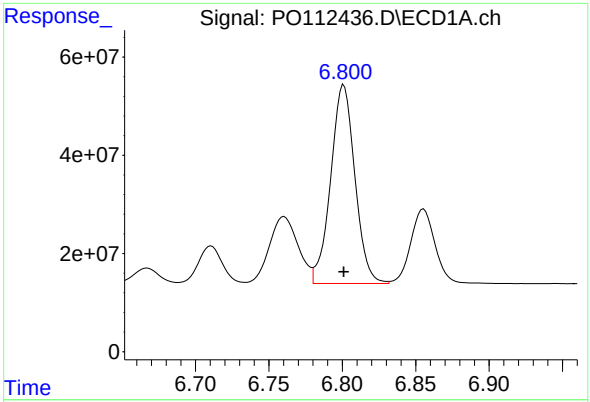
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

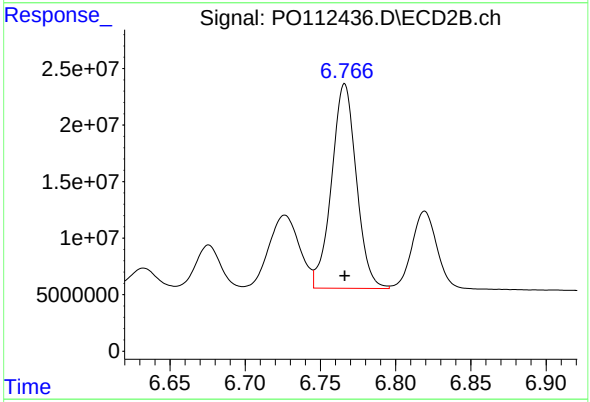
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 91817563
Conc: 50.00 ng/ml



#36 AR-1262-1

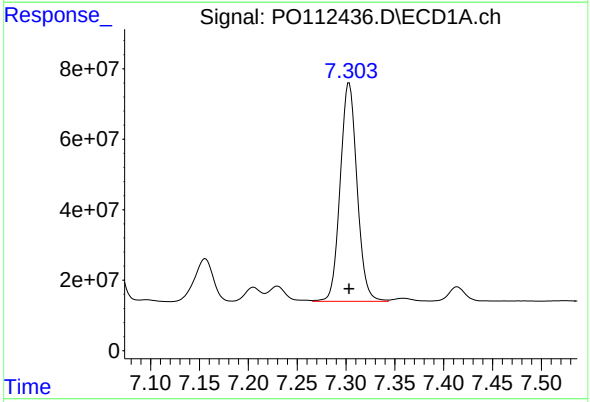
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 464603934
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



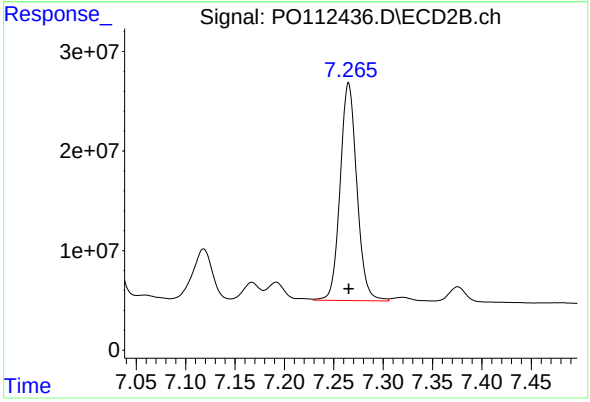
#36 AR-1262-1

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



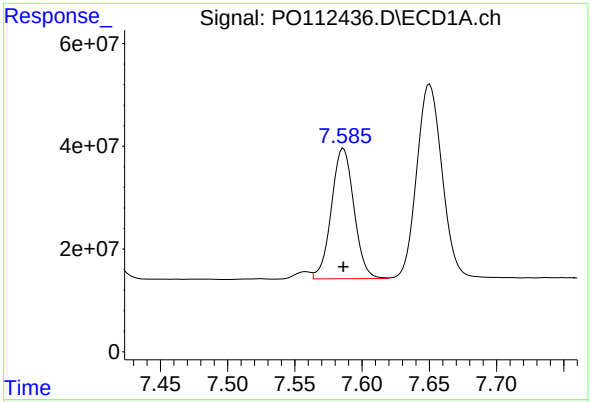
#37 AR-1262-2

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



#37 AR-1262-2

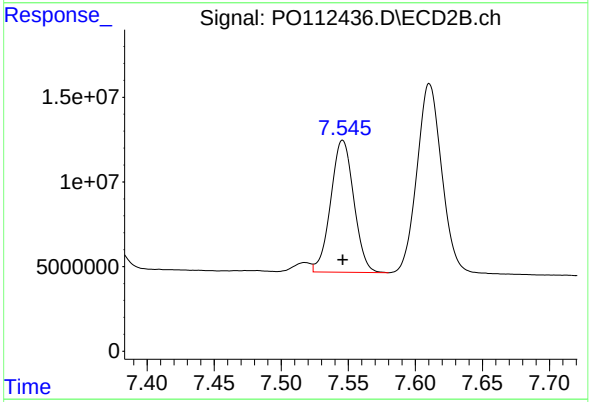
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 257772904
Conc: 500.00 ng/ml



#38 AR-1262-3

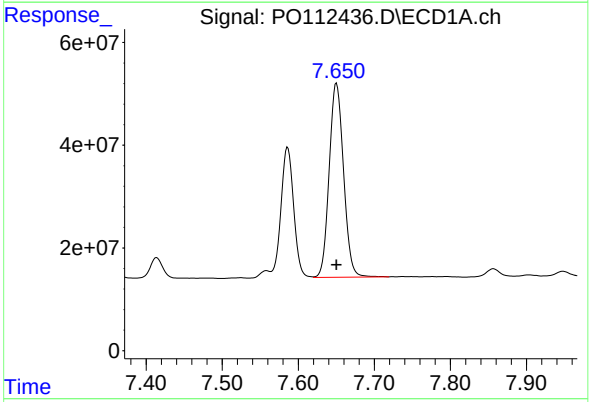
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 295126335
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



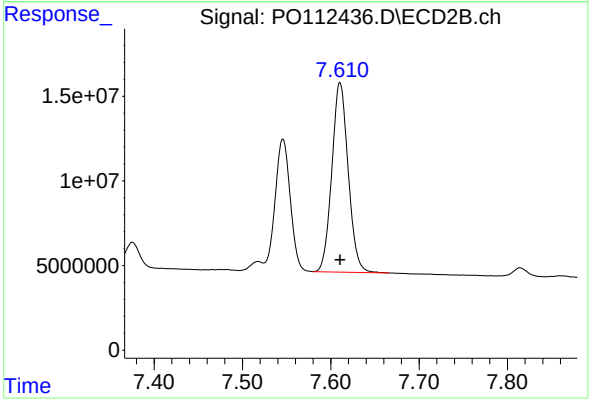
#38 AR-1262-3

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



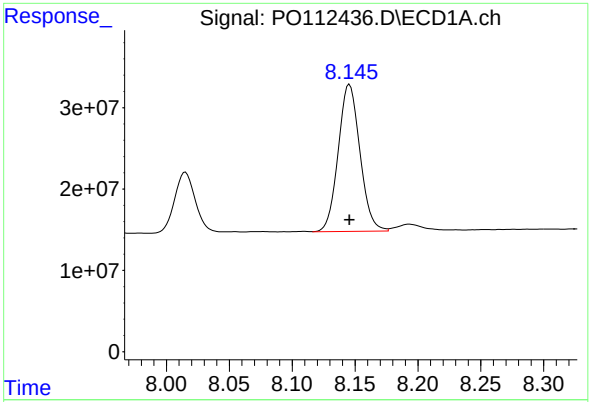
#39 AR-1262-4

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



#39 AR-1262-4

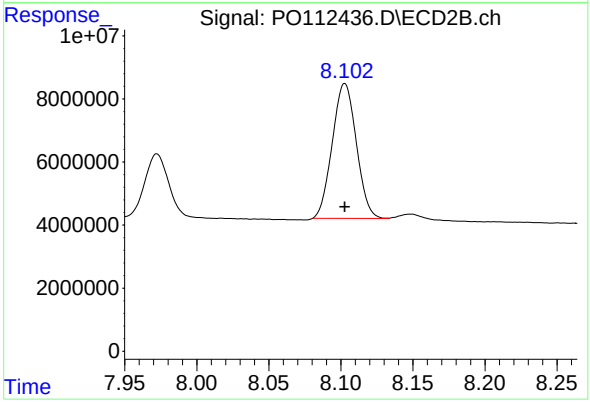
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 144051747
Conc: 500.00 ng/ml



#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

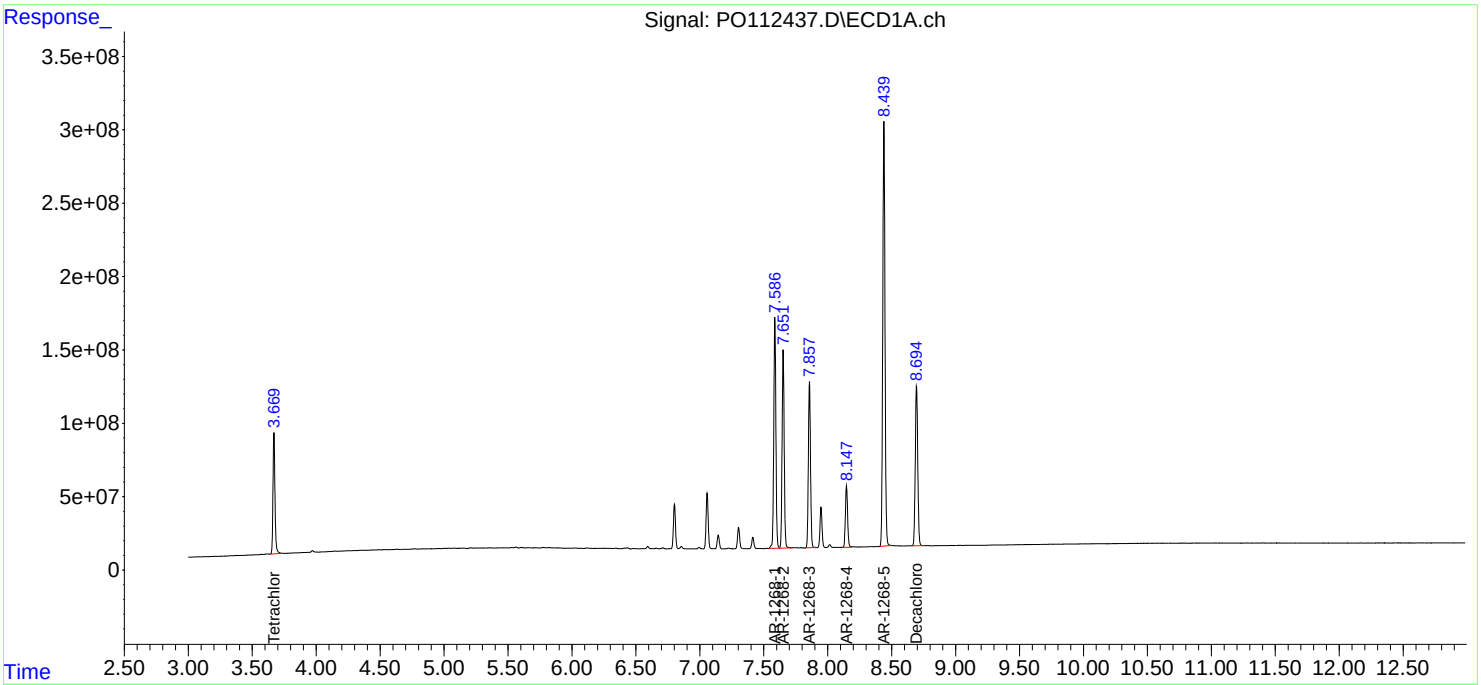
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

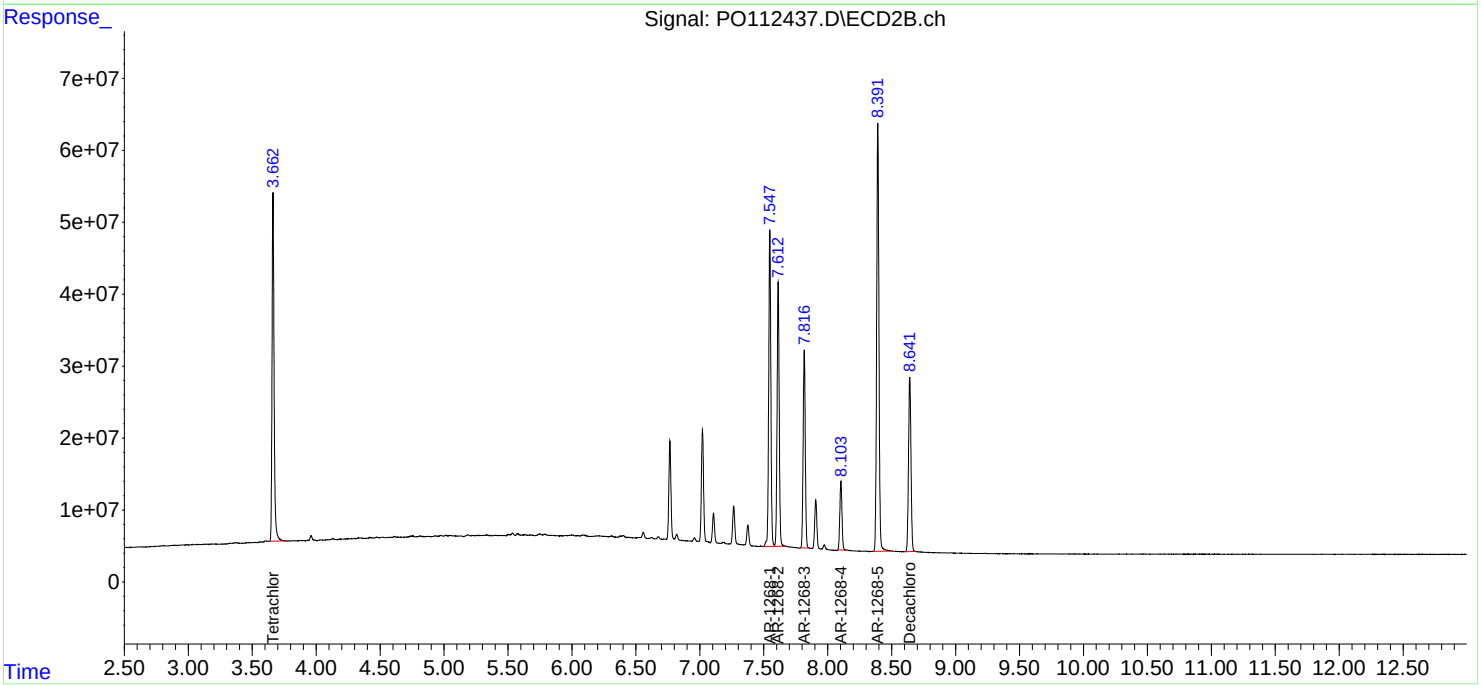
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:34
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

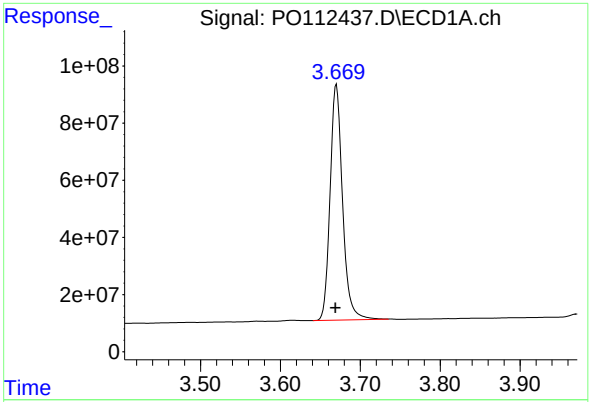
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

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



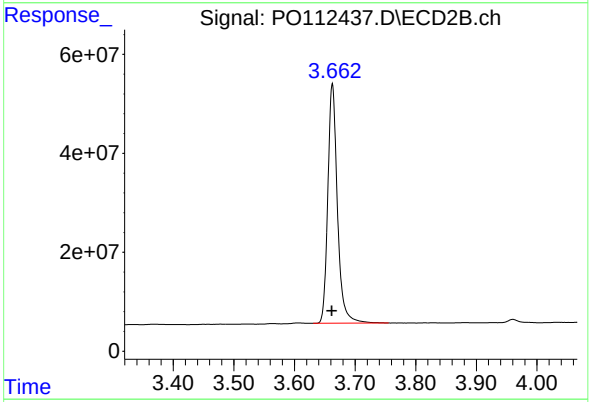




#1 Tetrachloro-m-xylene

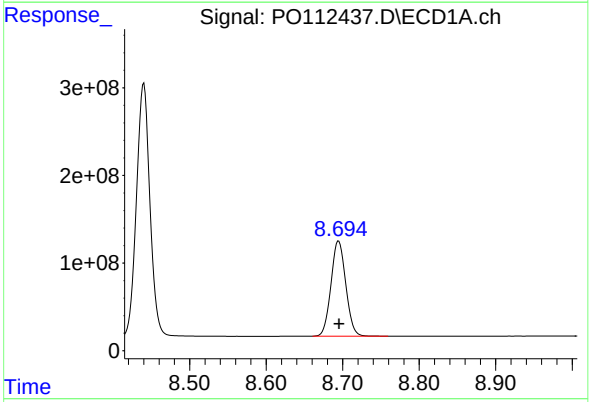
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 891646114
Conc: 96.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



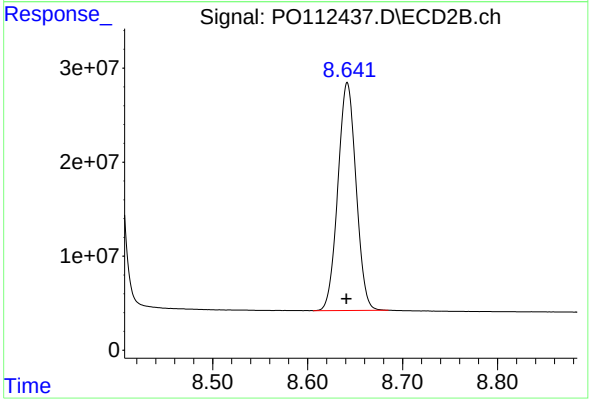
#1 Tetrachloro-m-xylene

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



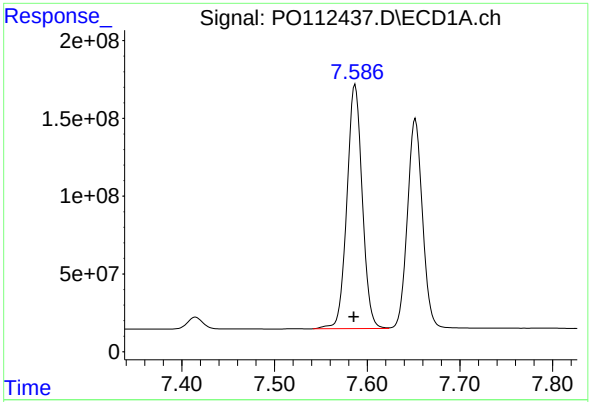
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

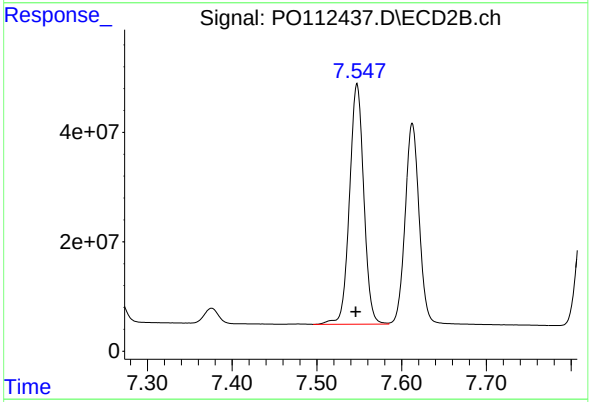
R.T.: 8.642 min
Delta R.T.: 0.001 min
Response: 322448419
Conc: 96.21 ng/ml



#41 AR-1268-1

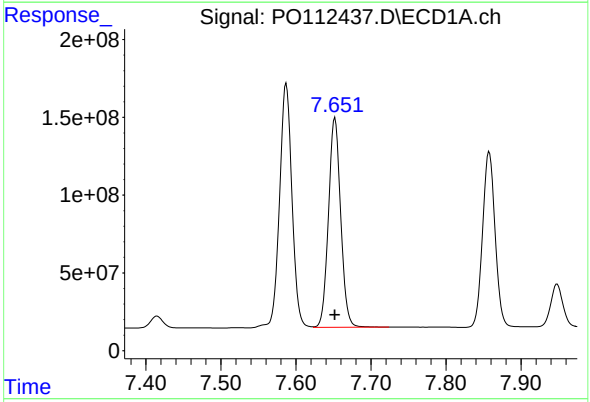
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 1805209287
Conc: 975.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



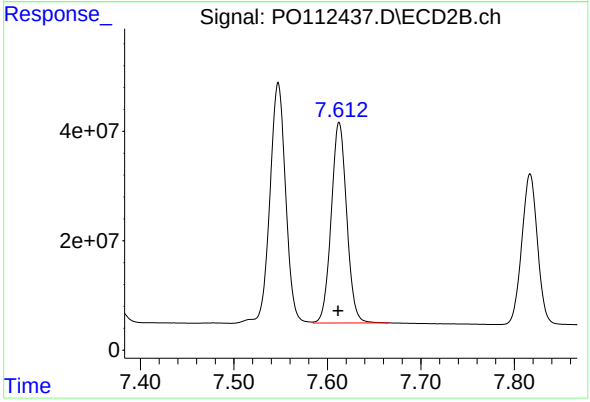
#41 AR-1268-1

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



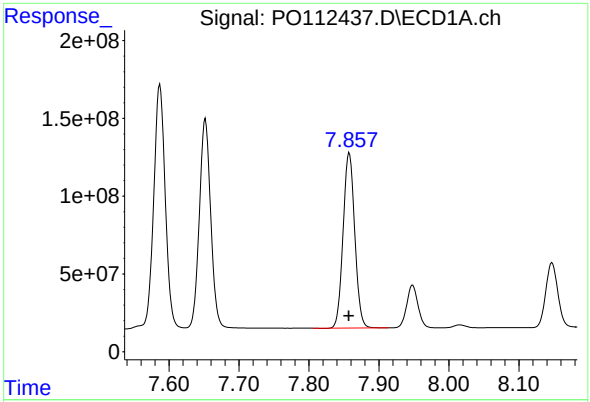
#42 AR-1268-2

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



#42 AR-1268-2

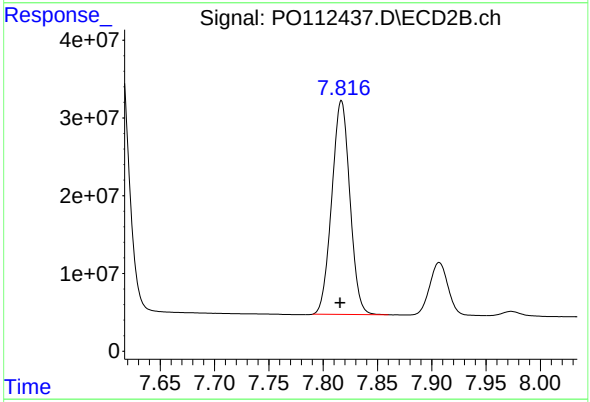
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 421574479
Conc: 965.54 ng/ml



#43 AR-1268-3

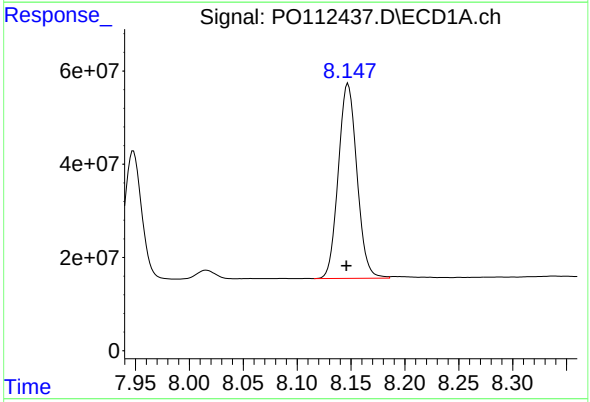
R.T.: 7.858 min
Delta R.T.: 0.000 min
Response: 1298638460
Conc: 974.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



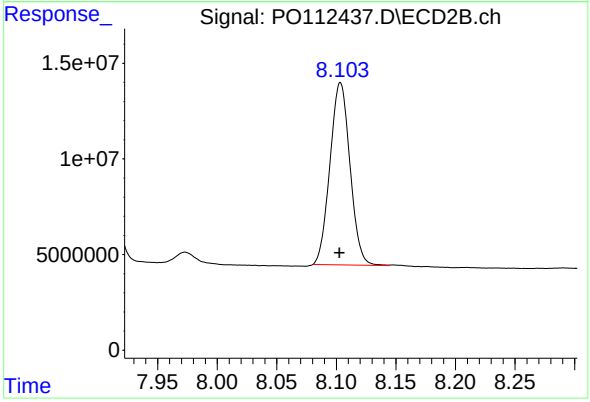
#43 AR-1268-3

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



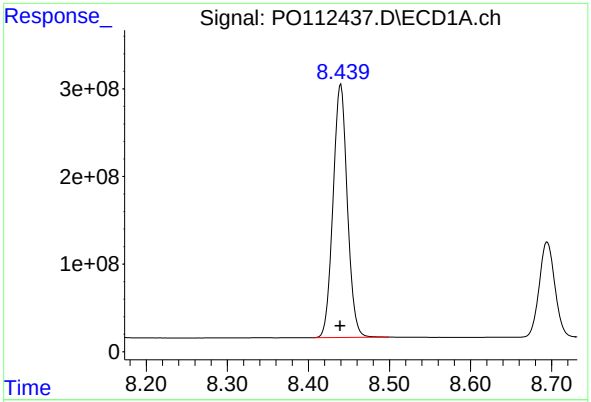
#44 AR-1268-4

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



#44 AR-1268-4

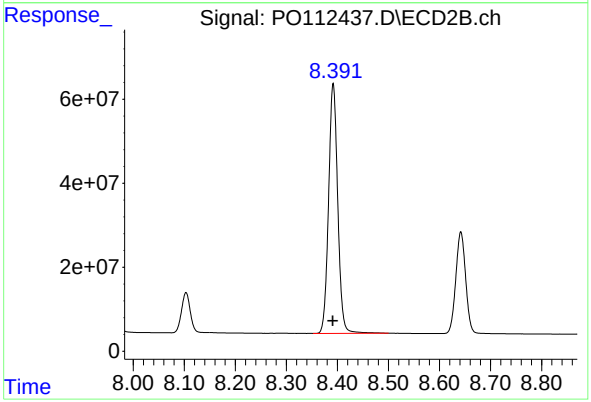
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 111516853
Conc: 971.43 ng/ml



#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.

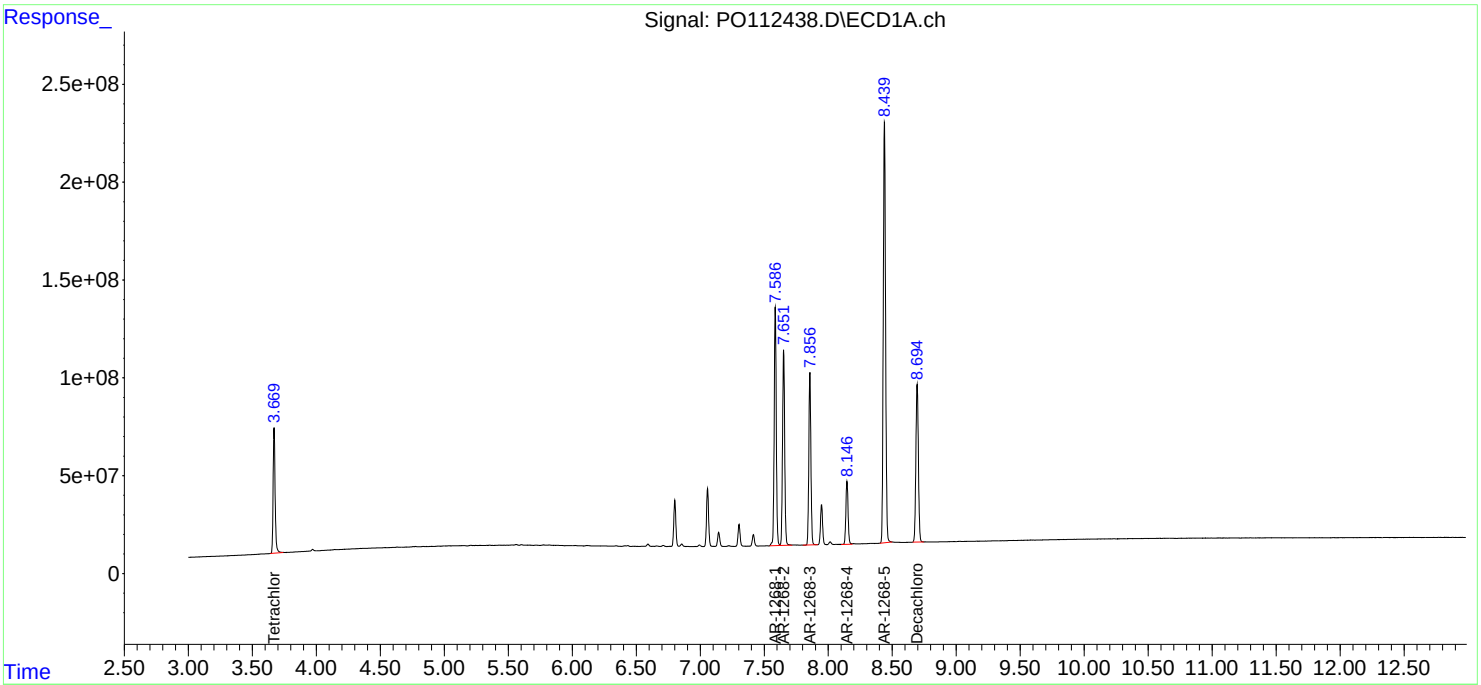
ICAL Form

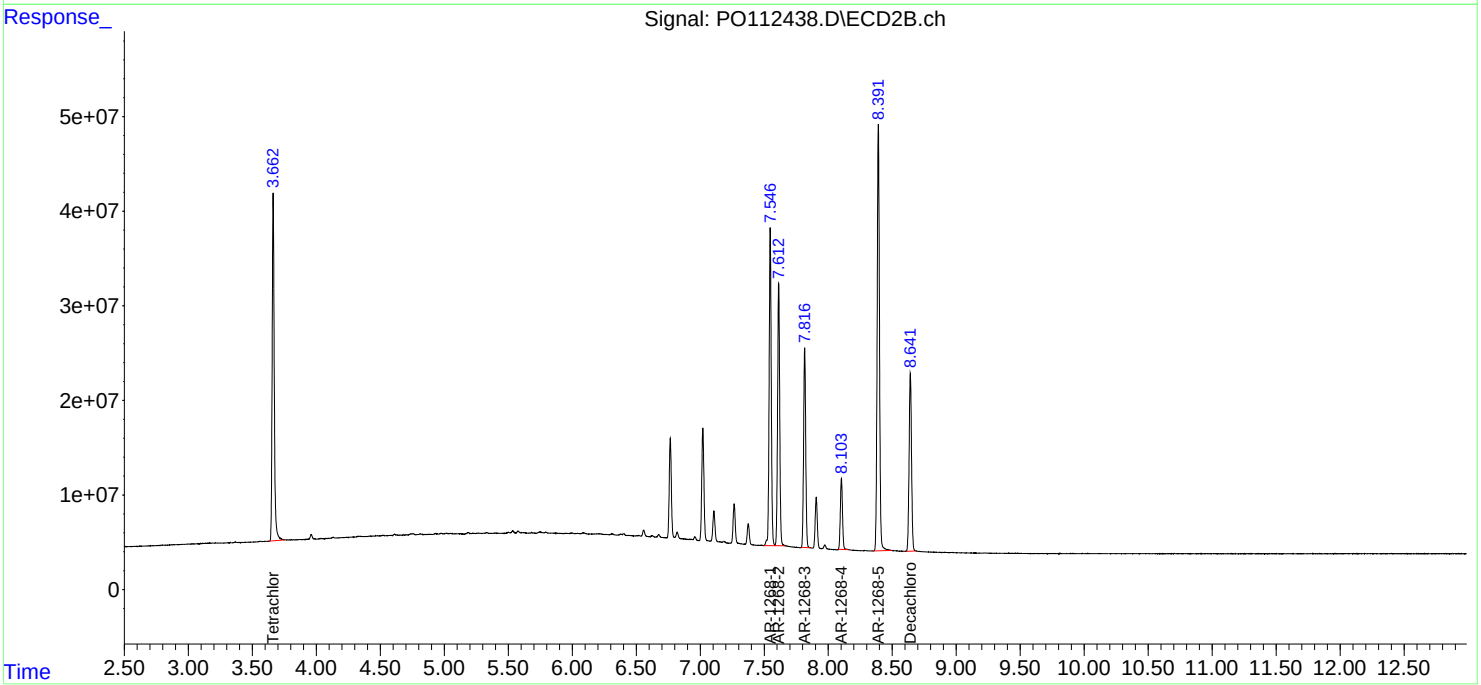
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:53
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

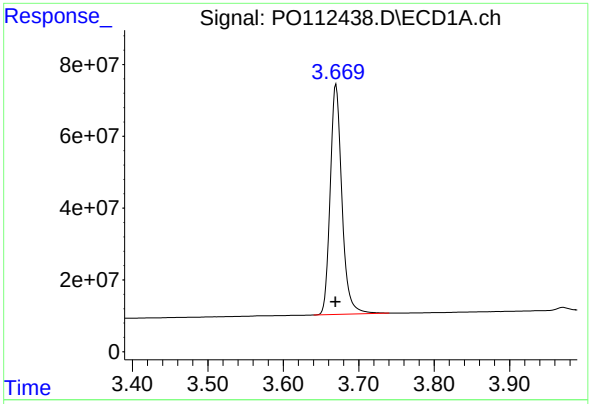
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

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



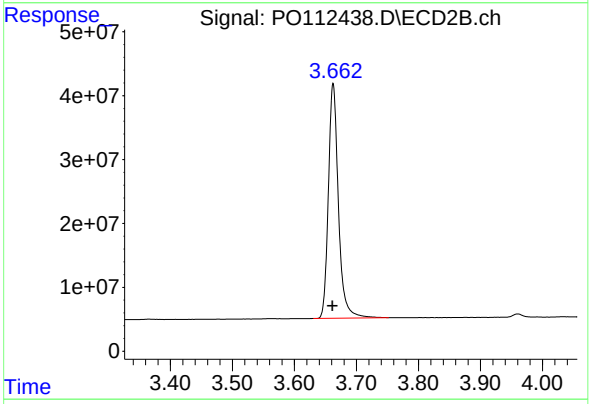




#1 Tetrachloro-m-xylene

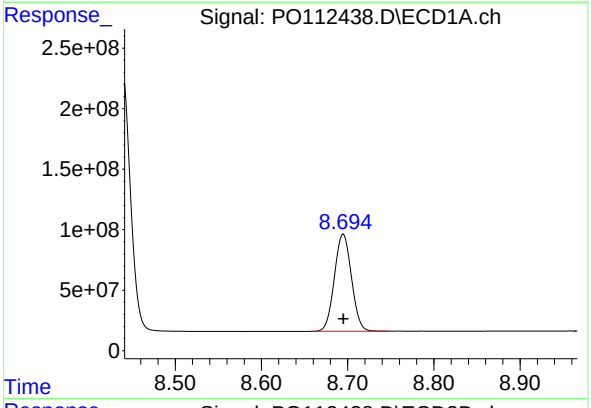
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 692243583
Conc: 74.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



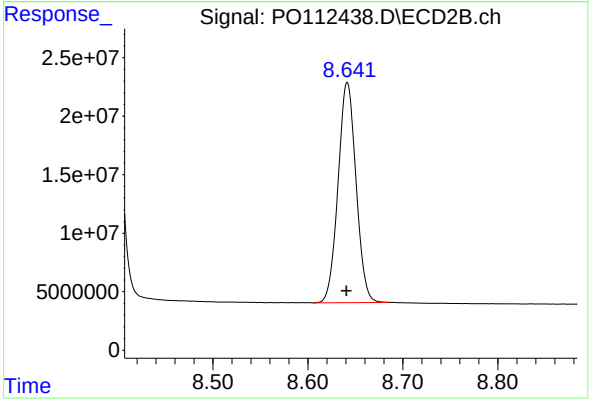
#1 Tetrachloro-m-xylene

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



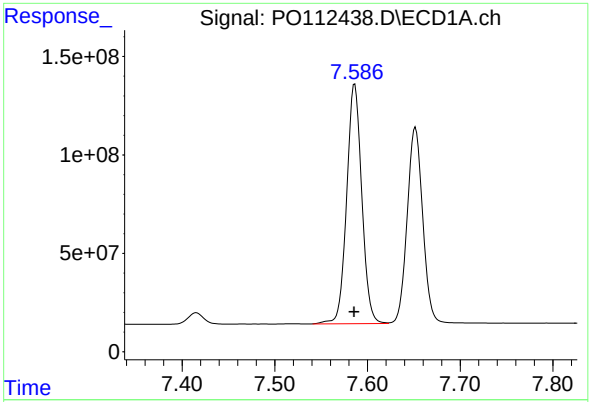
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

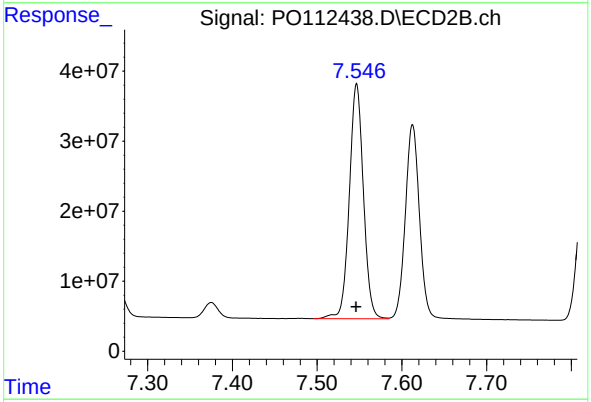
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 247569702
Conc: 73.87 ng/ml



#41 AR-1268-1

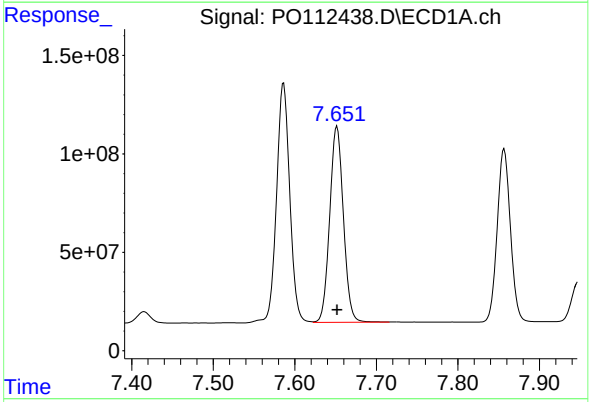
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 1377694048
Conc: 744.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



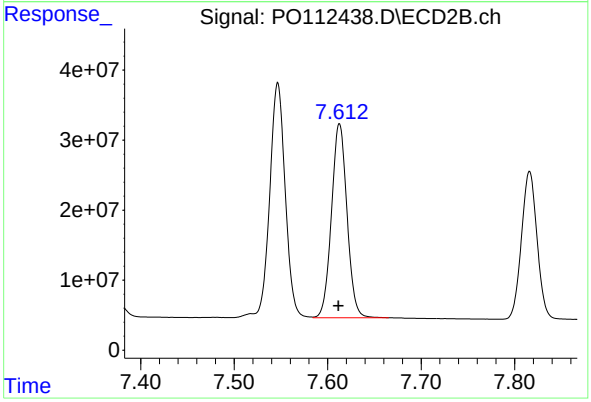
#41 AR-1268-1

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



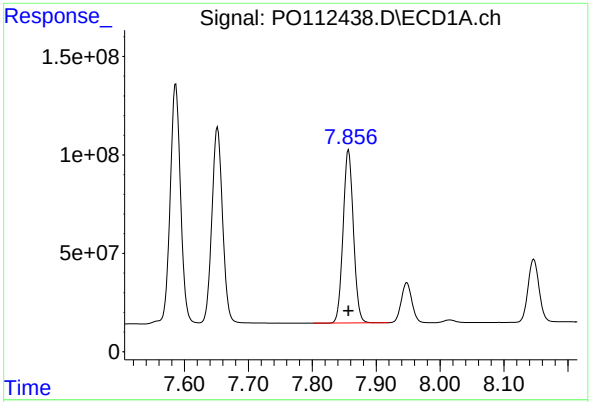
#42 AR-1268-2

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



#42 AR-1268-2

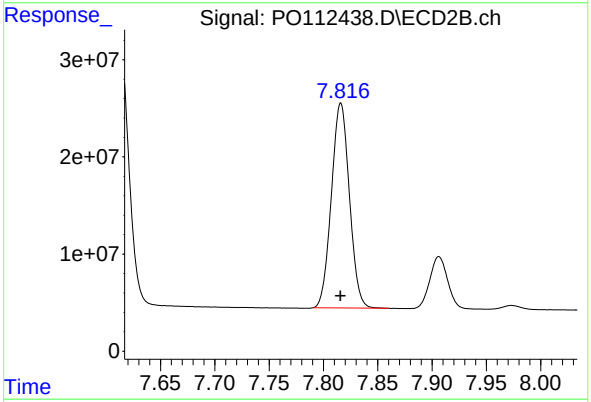
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 319478450
Conc: 731.71 ng/ml



#43 AR-1268-3

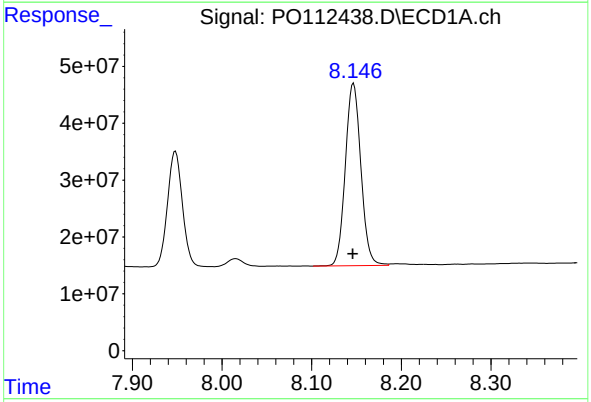
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 987117193
Conc: 740.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



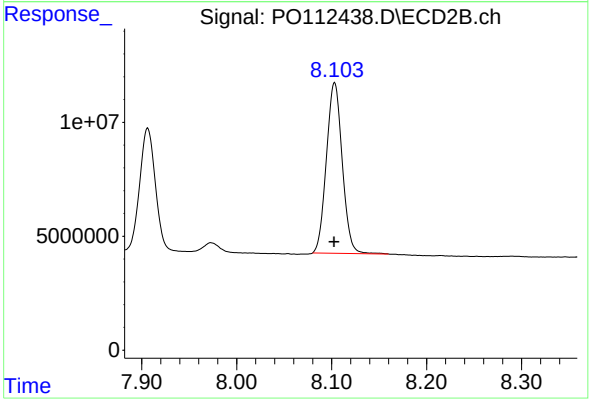
#43 AR-1268-3

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



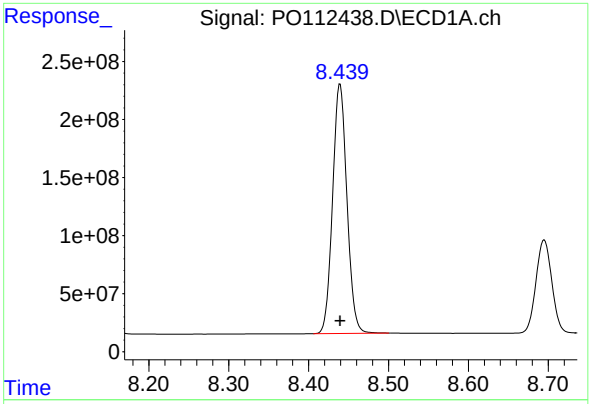
#44 AR-1268-4

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



#44 AR-1268-4

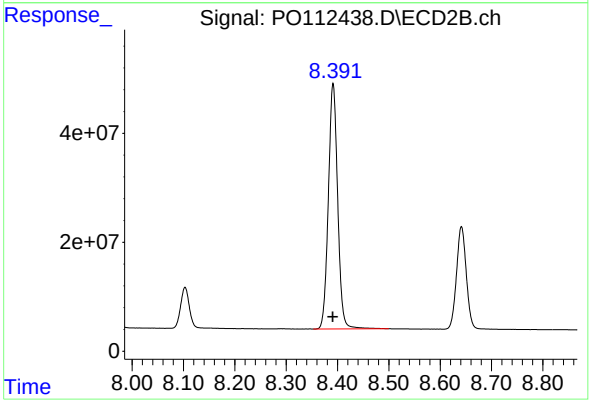
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 86779378
Conc: 755.94 ng/ml



#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.

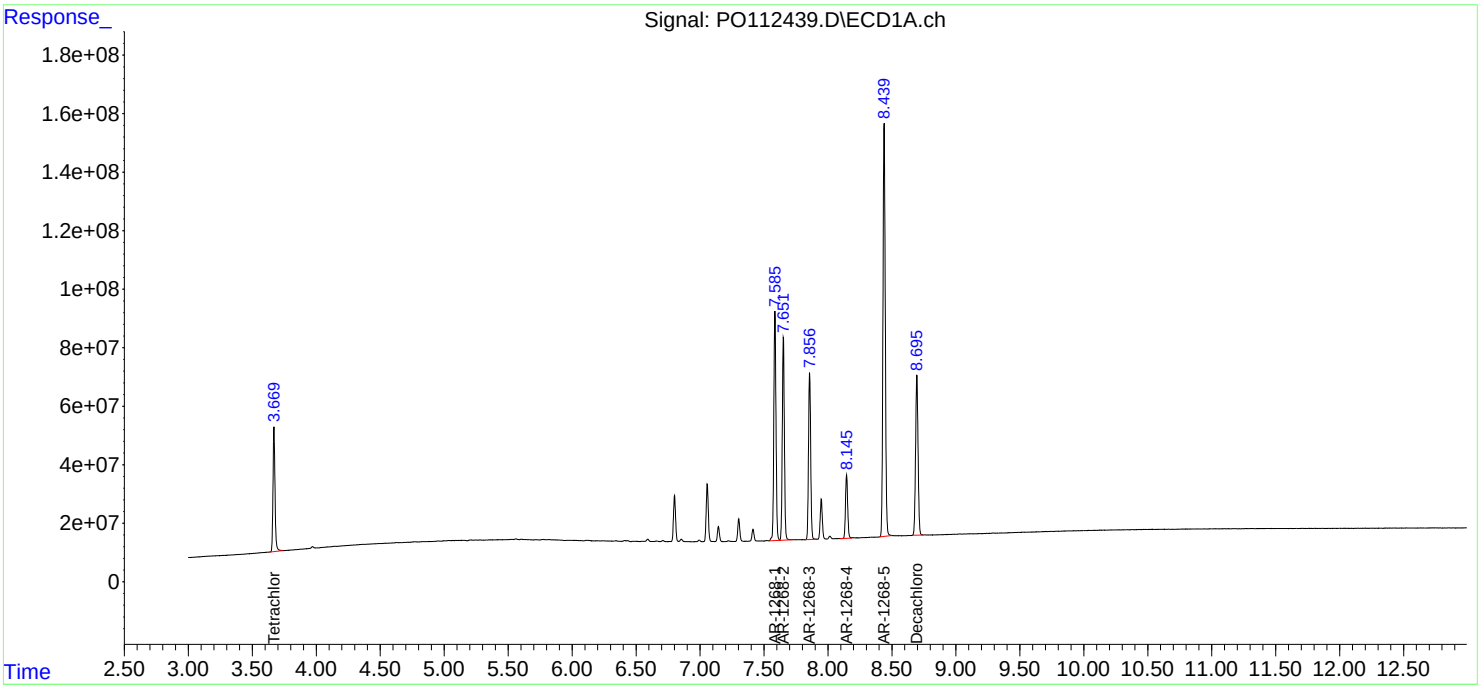
ICAL Form

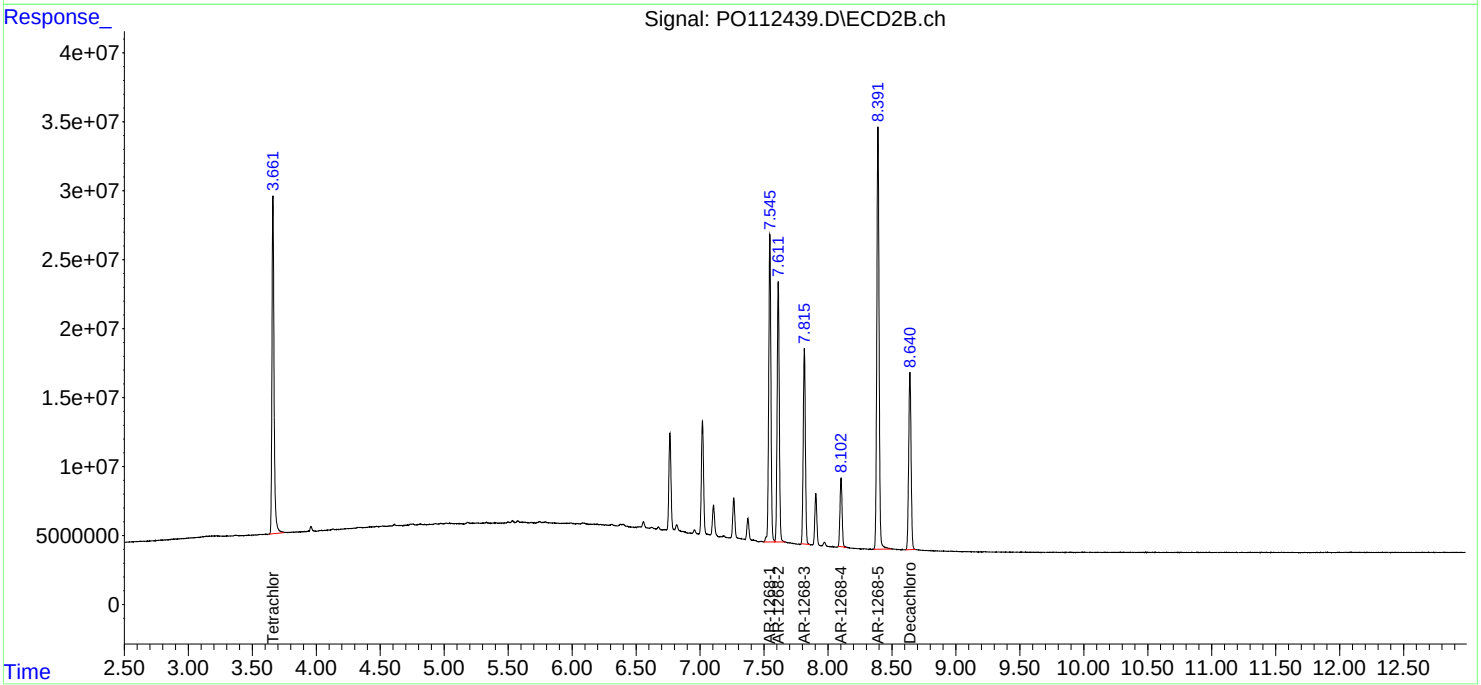
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:11
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

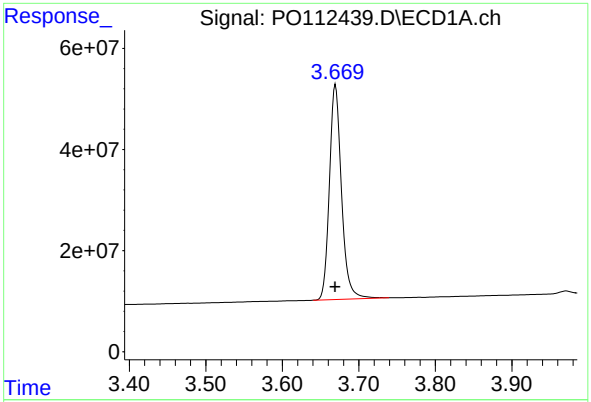
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

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



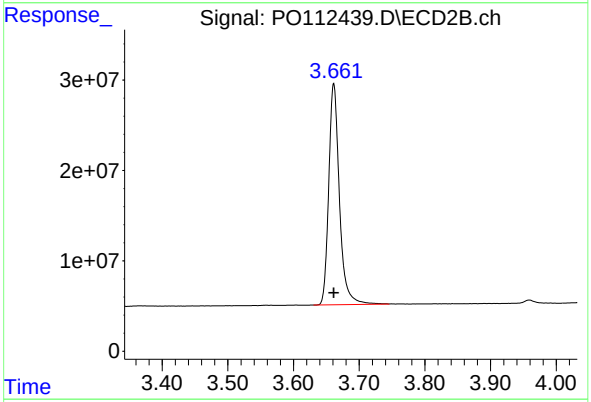




#1 Tetrachloro-m-xylene

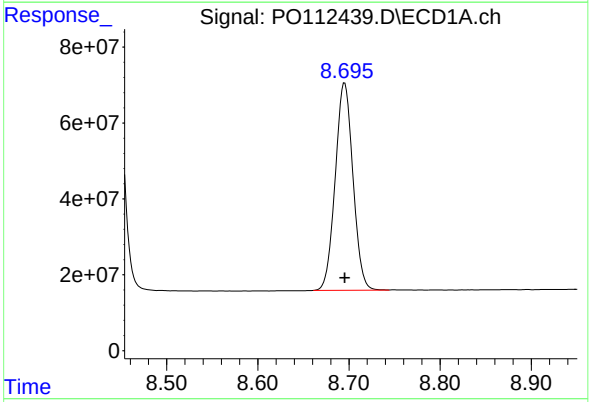
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 463571552
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



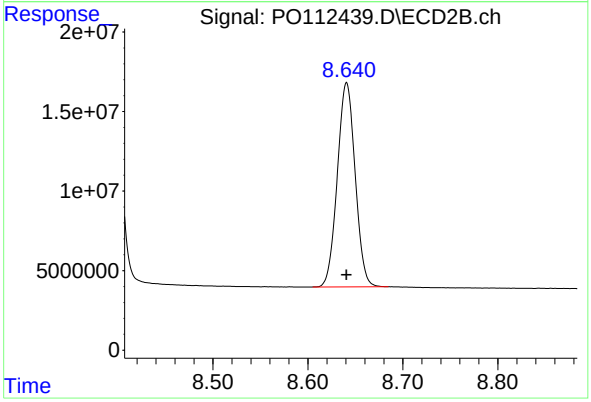
#1 Tetrachloro-m-xylene

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



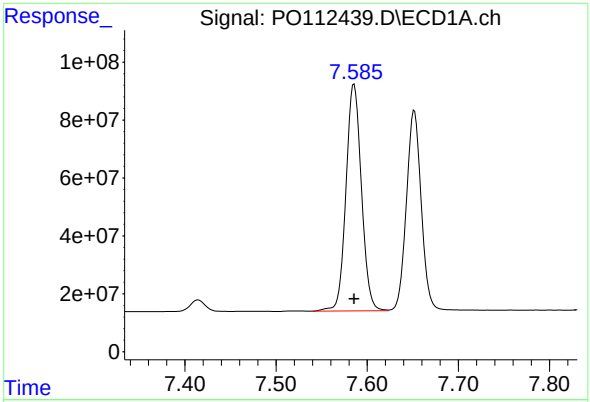
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

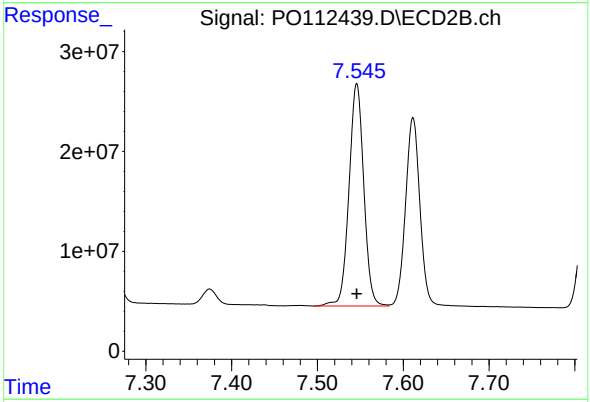
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 167569760
Conc: 50.00 ng/ml



#41 AR-1268-1

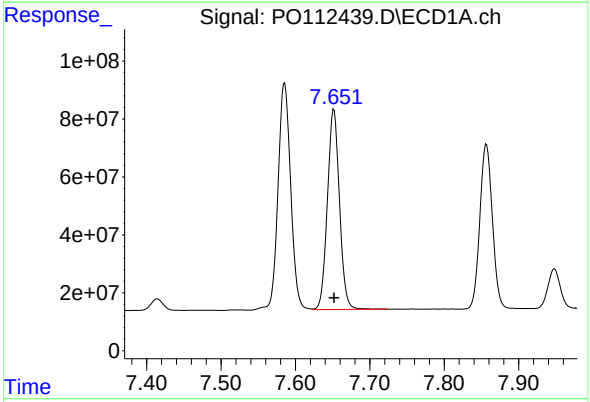
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 925267424
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



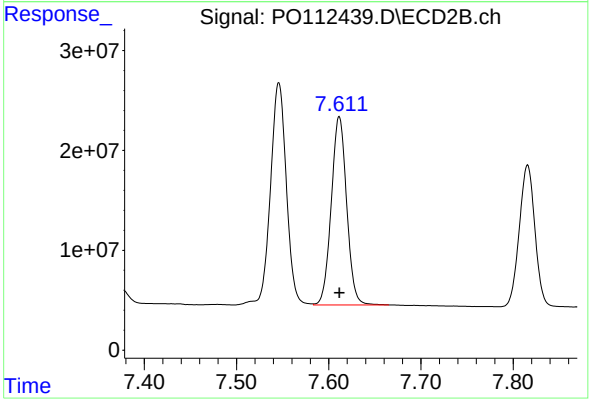
#41 AR-1268-1

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



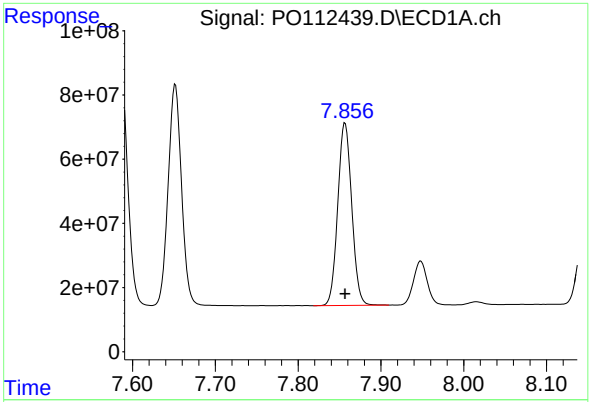
#42 AR-1268-2

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



#42 AR-1268-2

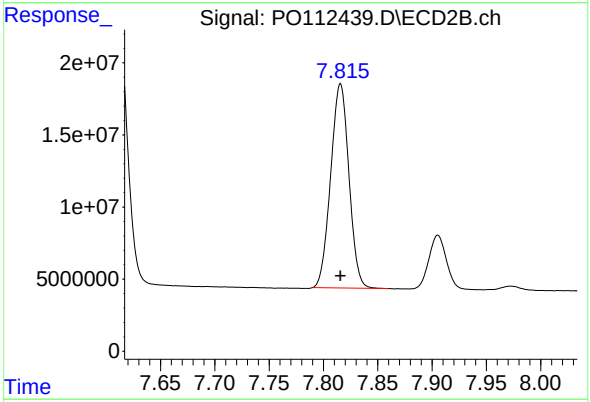
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 218309426
Conc: 500.00 ng/ml



#43 AR-1268-3

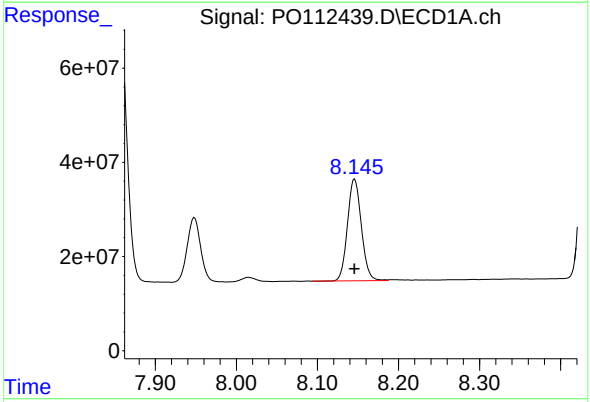
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 666647907
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



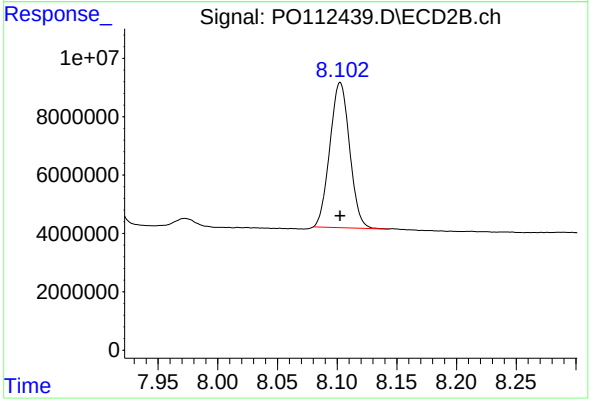
#43 AR-1268-3

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



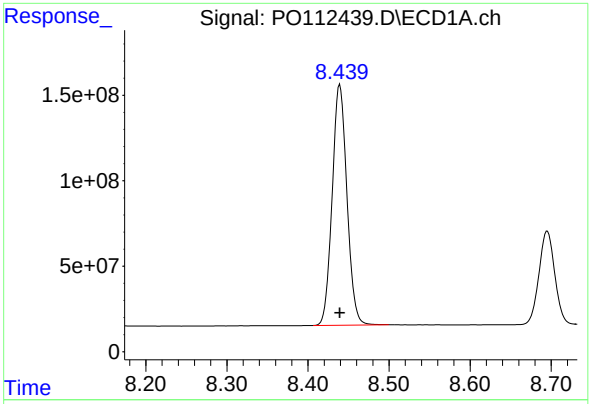
#44 AR-1268-4

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



#44 AR-1268-4

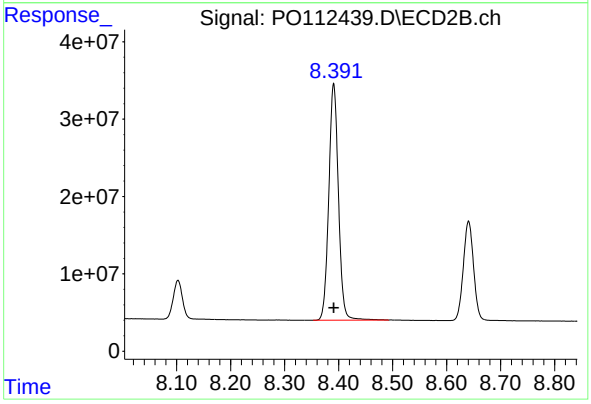
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 57398296
Conc: 500.00 ng/ml



#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.

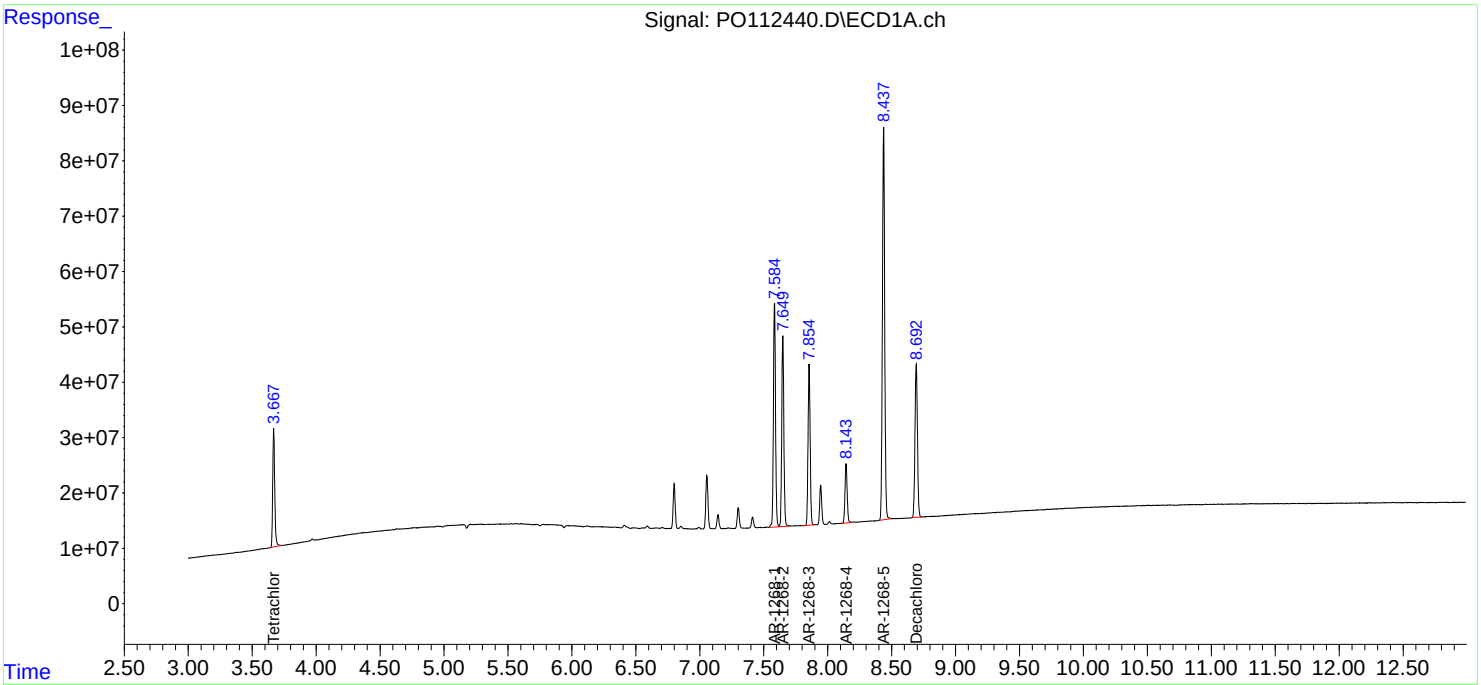
ICAL Form

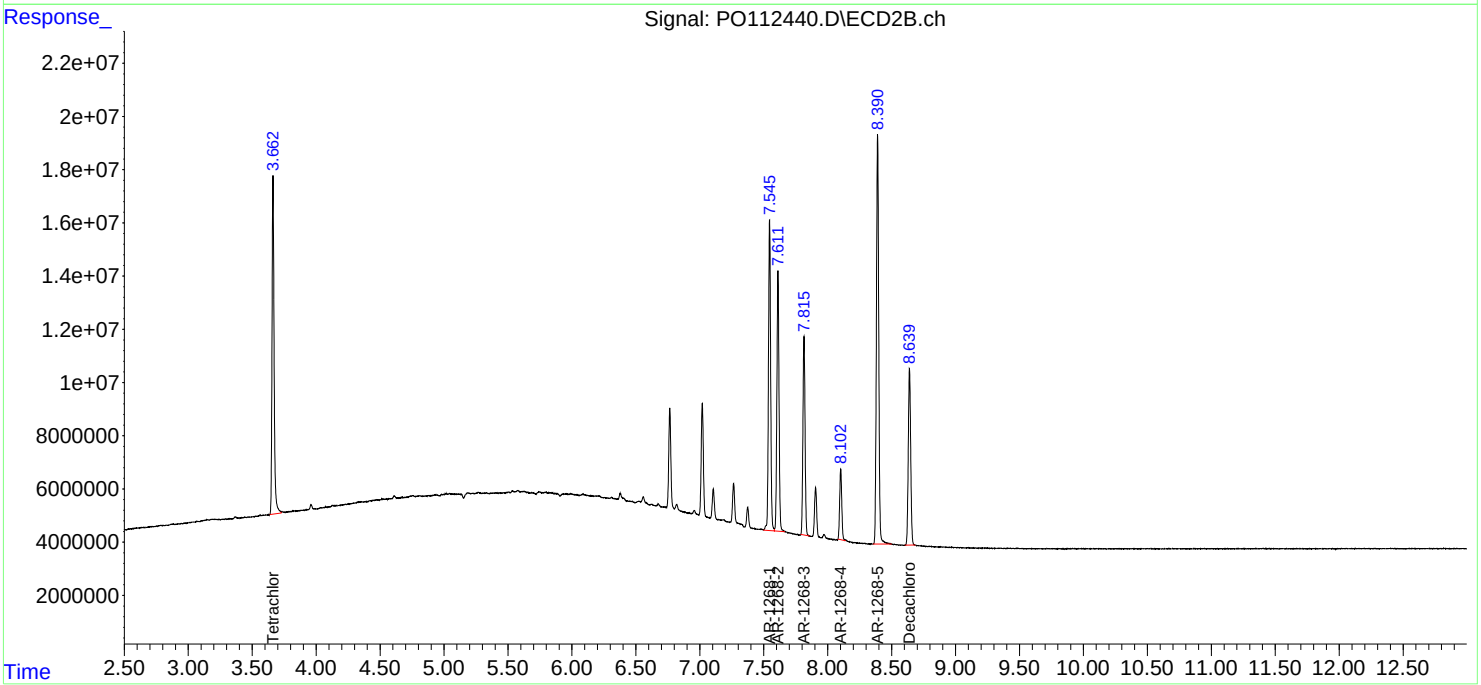
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:28
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

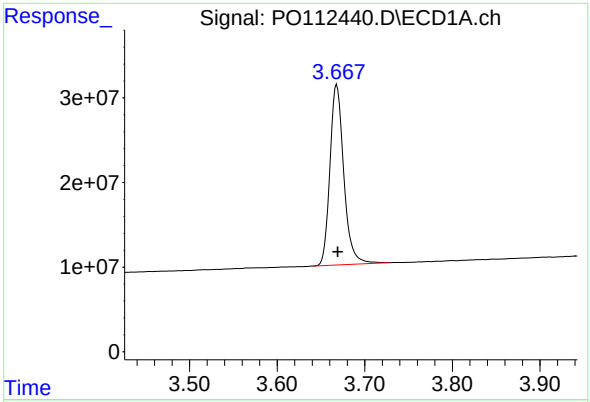
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

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



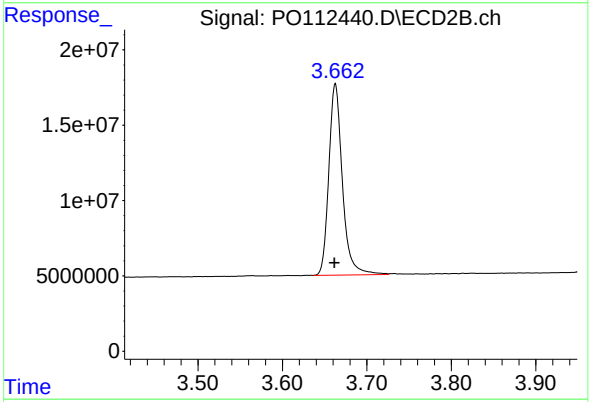




#1 Tetrachloro-m-xylene

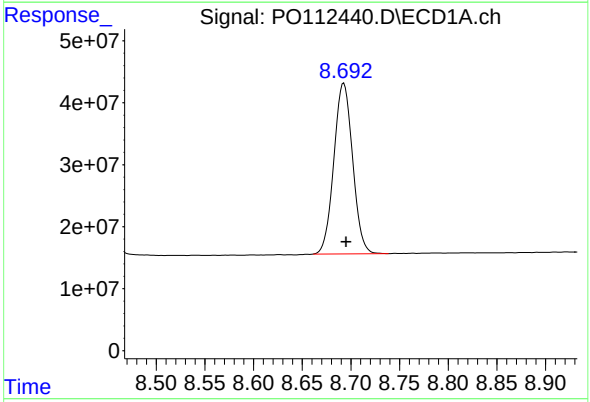
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 233878715
Conc: 25.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



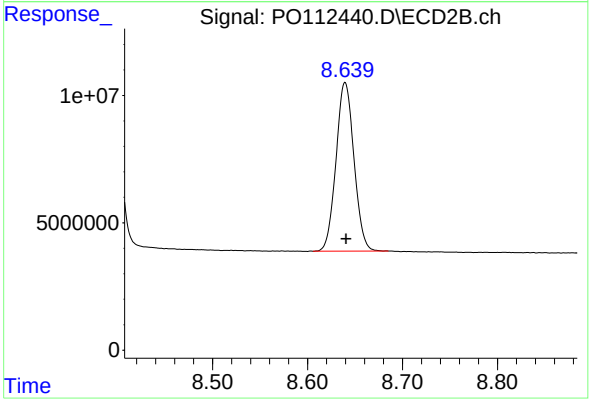
#1 Tetrachloro-m-xylene

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



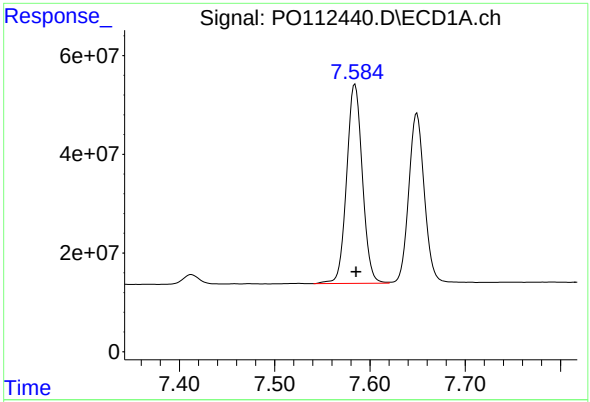
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

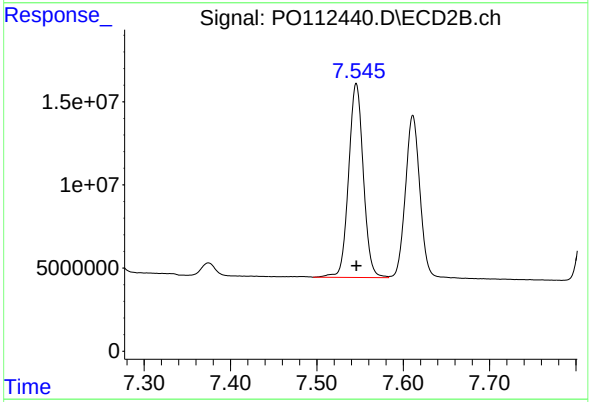
R.T.: 8.640 min
Delta R.T.: -0.001 min
Response: 87026360
Conc: 25.97 ng/ml



#41 AR-1268-1

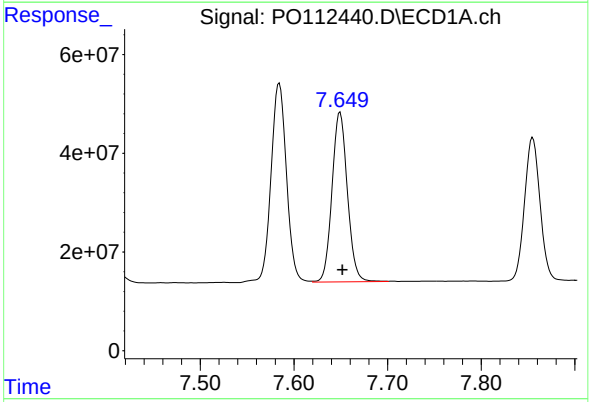
R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 463182645
Conc: 250.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



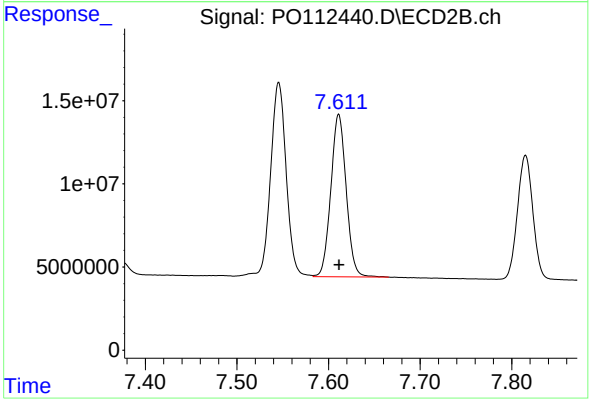
#41 AR-1268-1

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



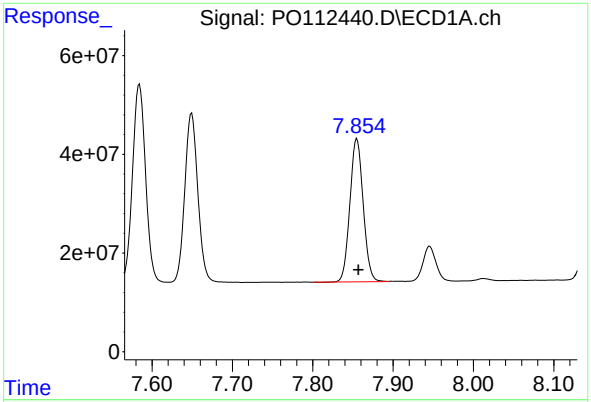
#42 AR-1268-2

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



#42 AR-1268-2

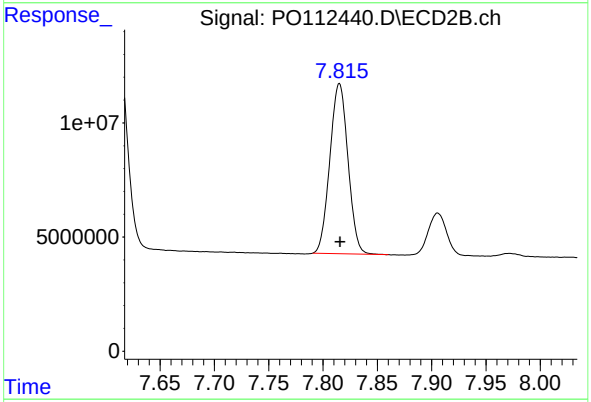
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 113627398
Conc: 260.24 ng/ml



#43 AR-1268-3

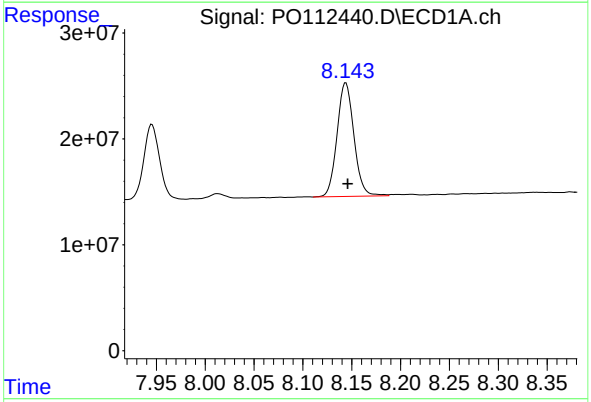
R.T.: 7.855 min
Delta R.T.: -0.002 min
Response: 332303997
Conc: 249.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



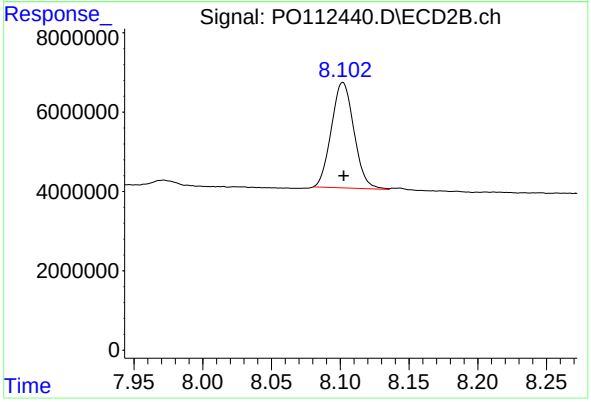
#43 AR-1268-3

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



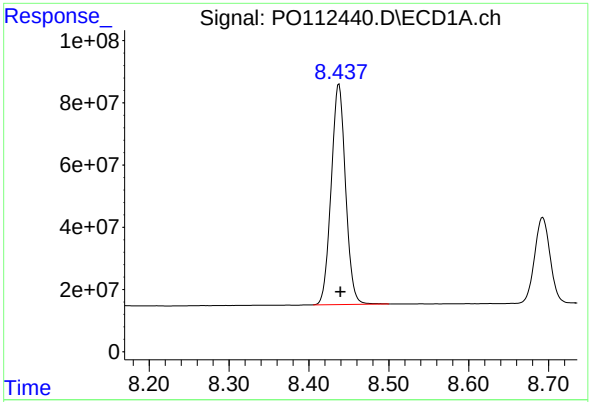
#44 AR-1268-4

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



#44 AR-1268-4

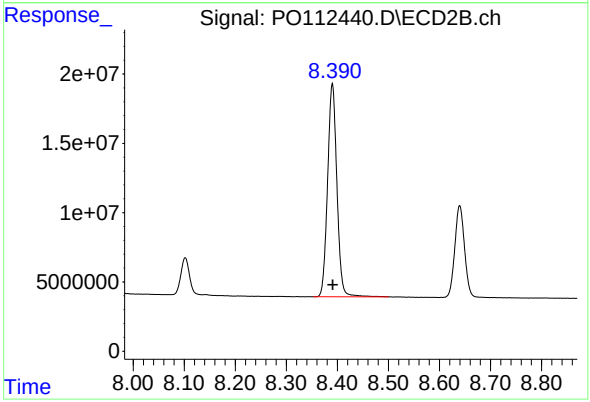
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 30404180
Conc: 264.85 ng/ml



#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

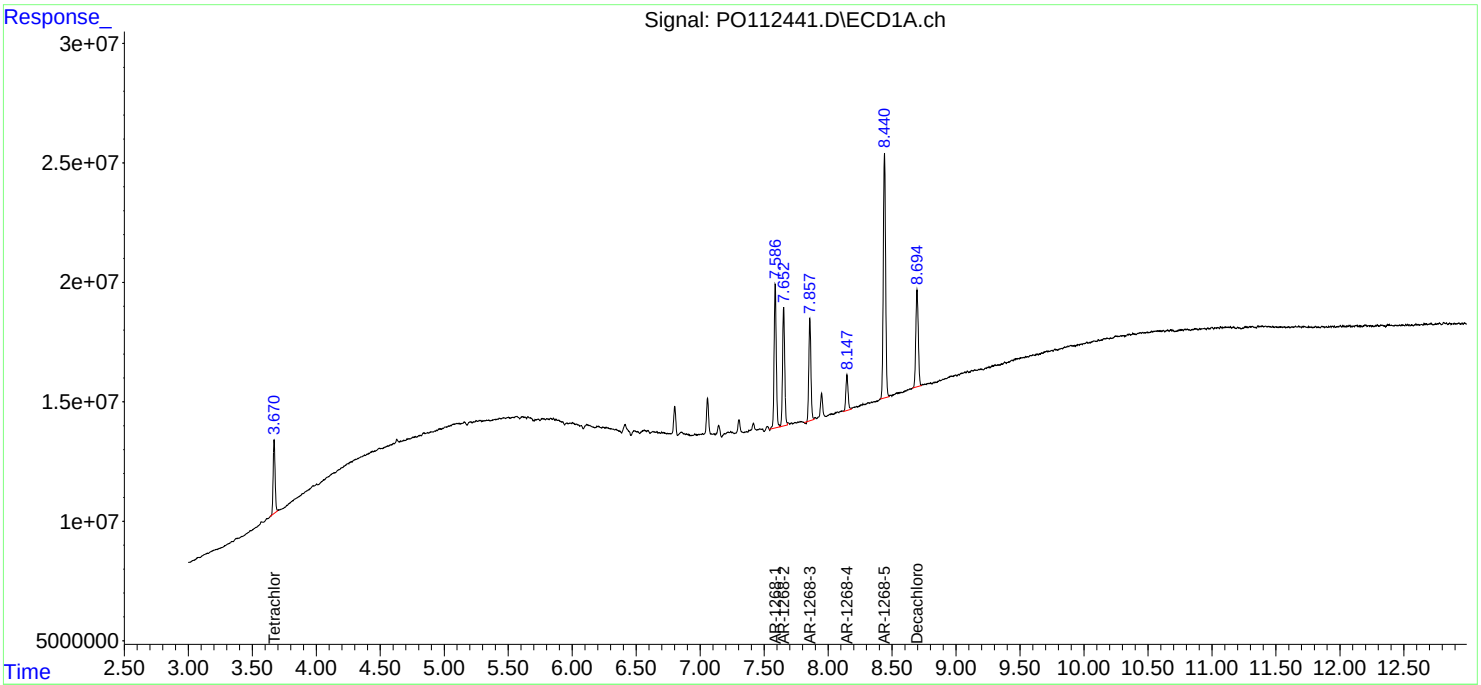
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

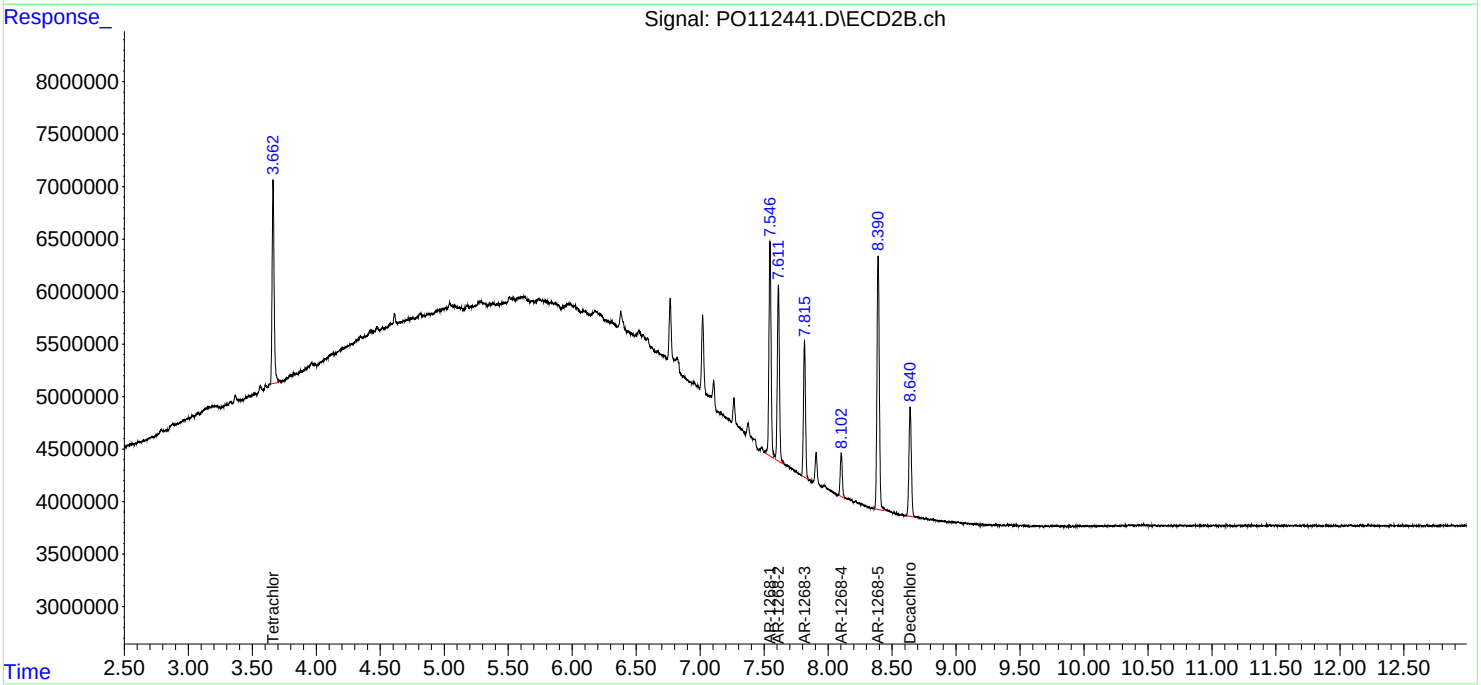
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:47
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

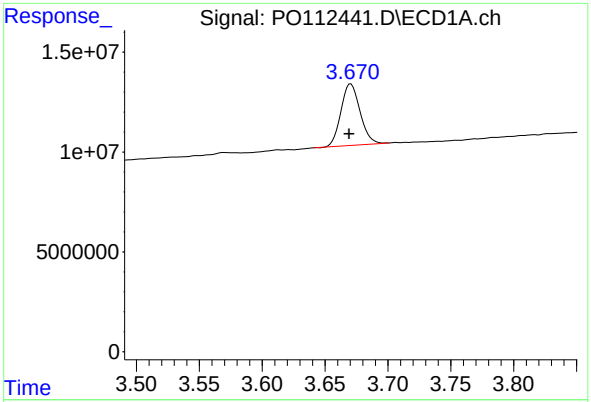
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

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



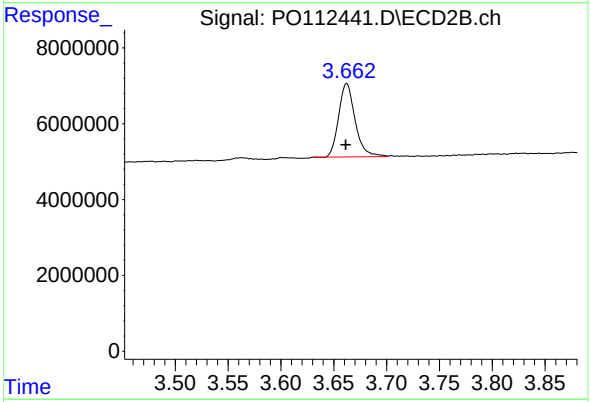




#1 Tetrachloro-m-xylene

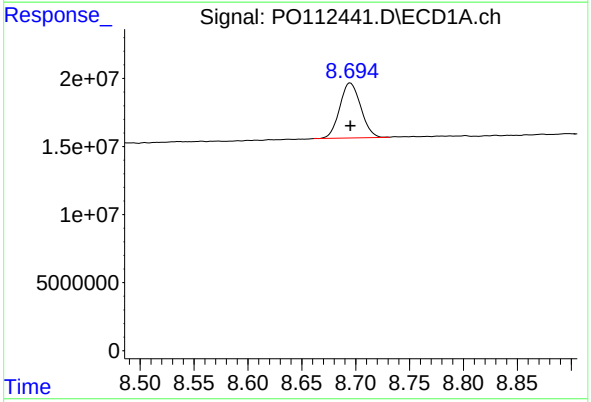
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 32580103
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



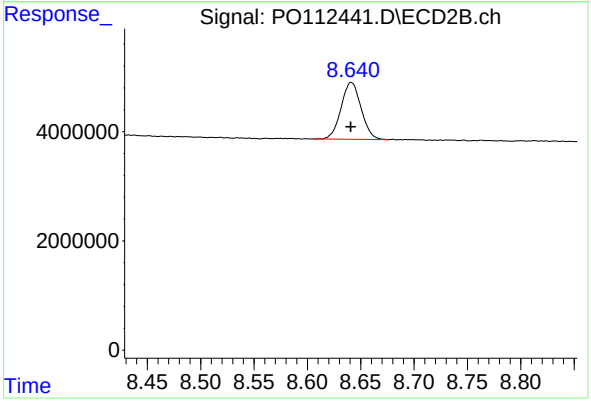
#1 Tetrachloro-m-xylene

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



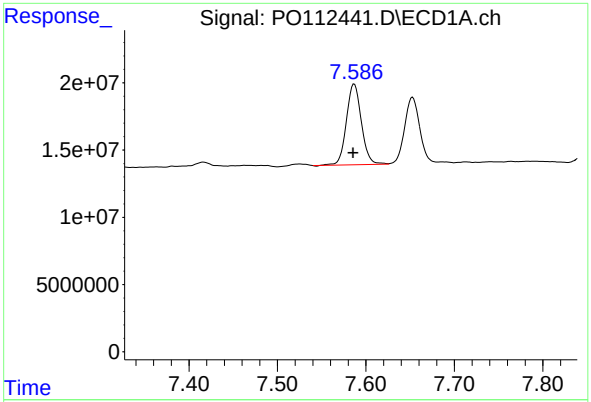
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

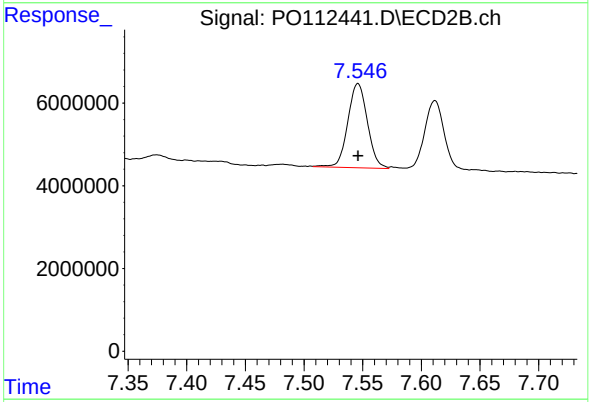
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 13633947
Conc: 4.07 ng/ml



#41 AR-1268-1

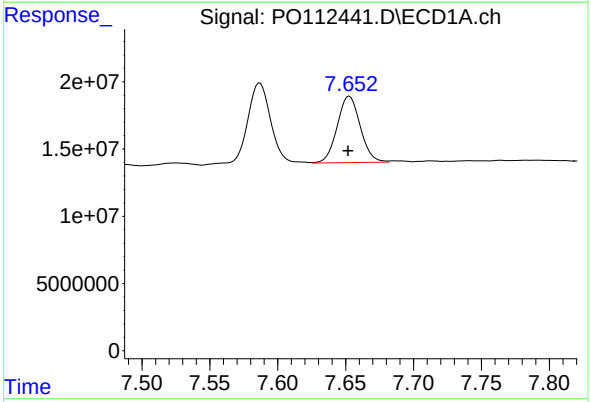
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 70515596
Conc: 38.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



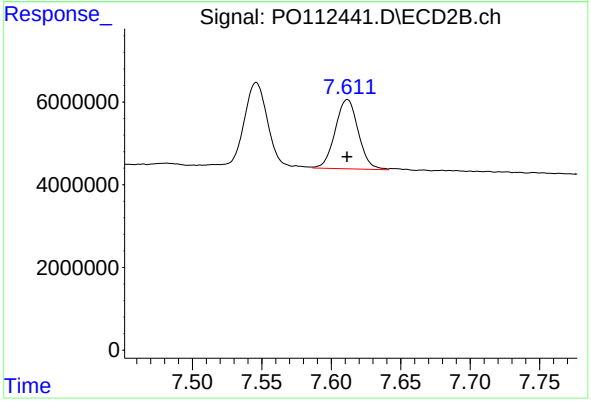
#41 AR-1268-1

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



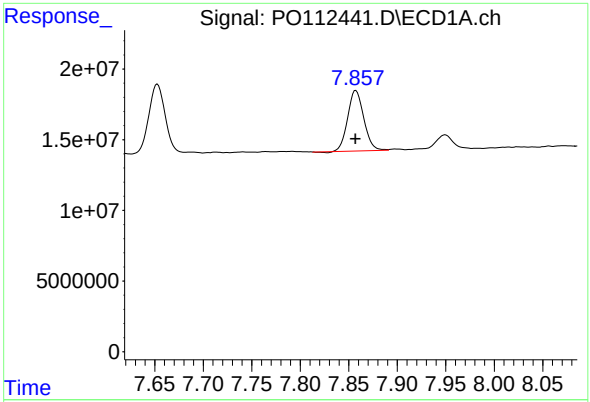
#42 AR-1268-2

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



#42 AR-1268-2

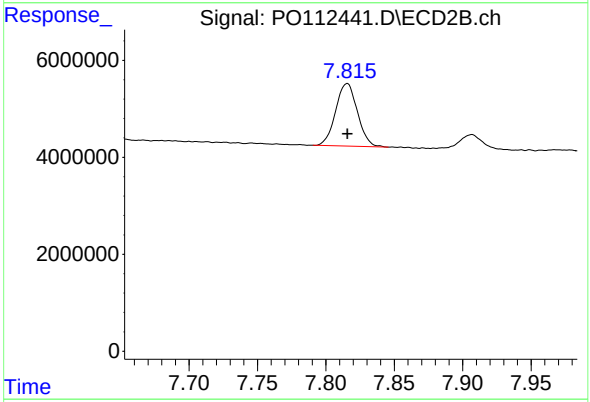
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 19332274
Conc: 44.28 ng/ml



#43 AR-1268-3

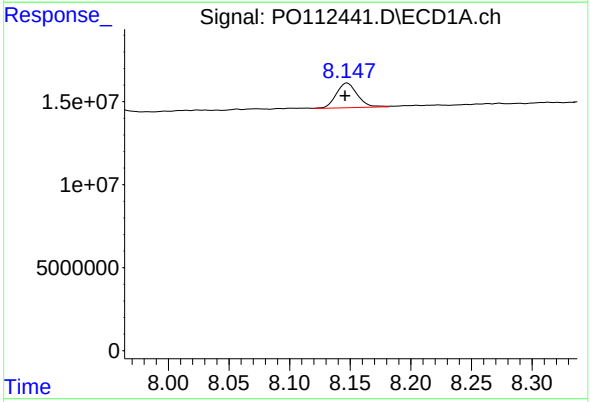
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 49192646
Conc: 36.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



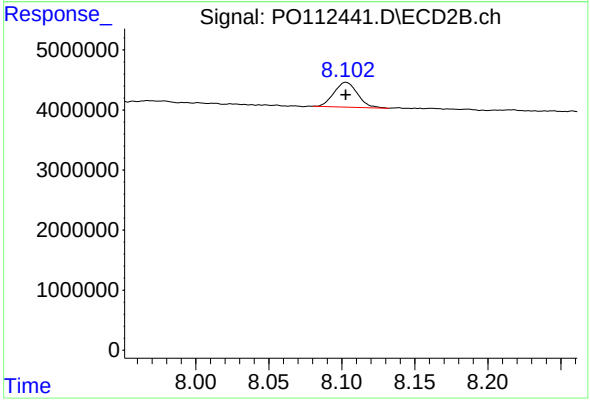
#43 AR-1268-3

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



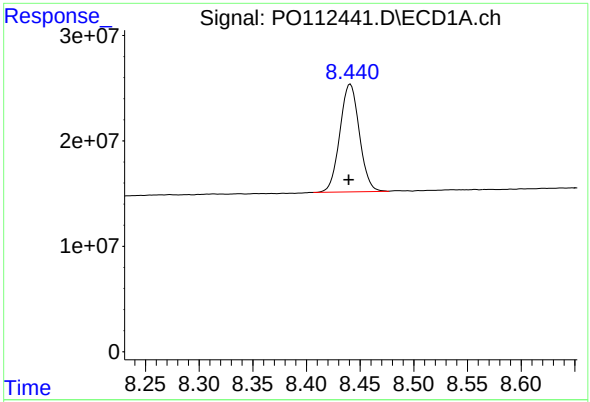
#44 AR-1268-4

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



#44 AR-1268-4

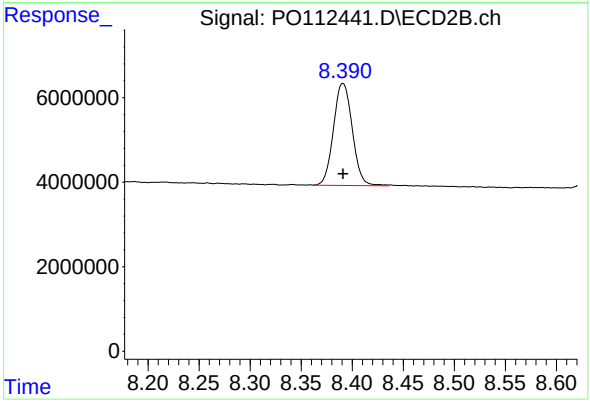
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 4642090
Conc: 40.44 ng/ml



#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.

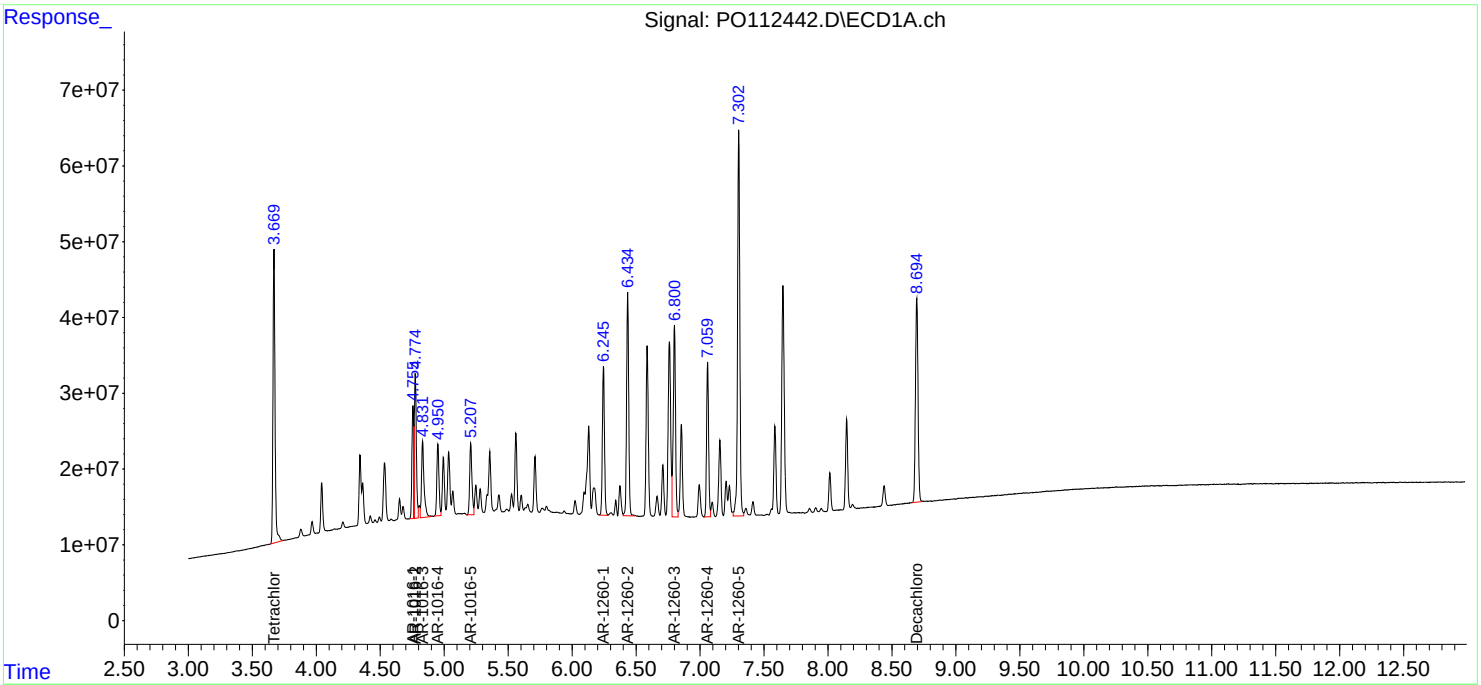
ICAL Form

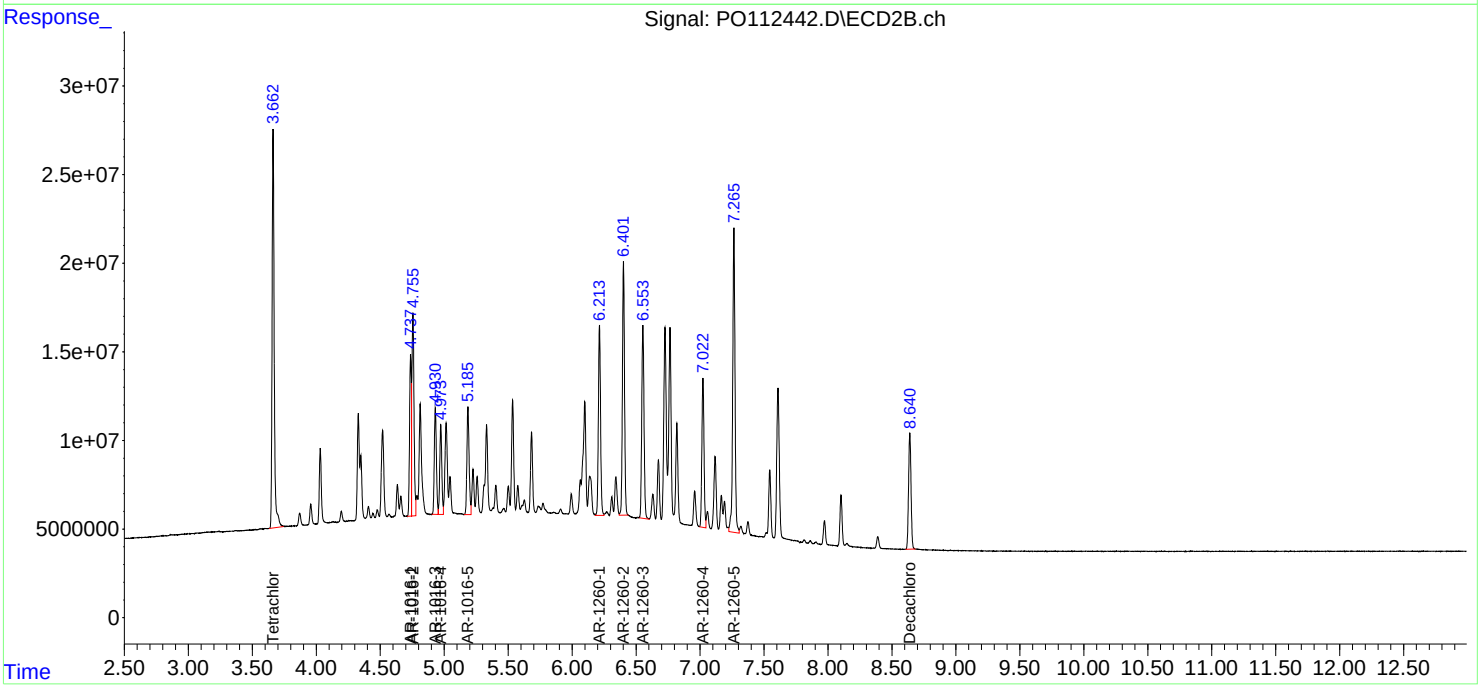
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:05
Operator : YP/AJ
Sample : PO072325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

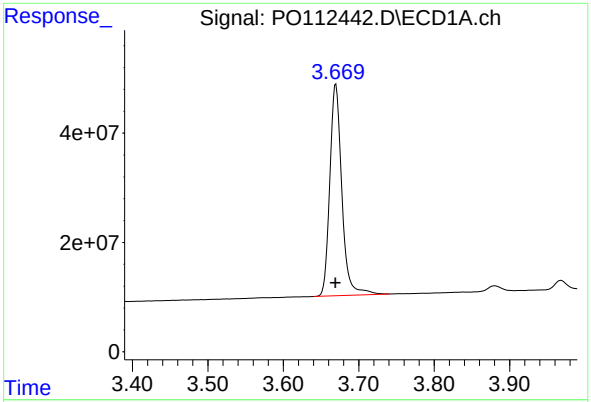
Instrument :
ECD_O
ClientSampleId :
ICVPO072325

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



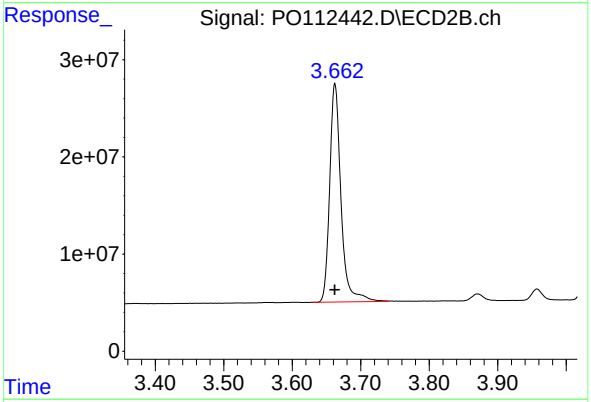




#1 Tetrachloro-m-xylene

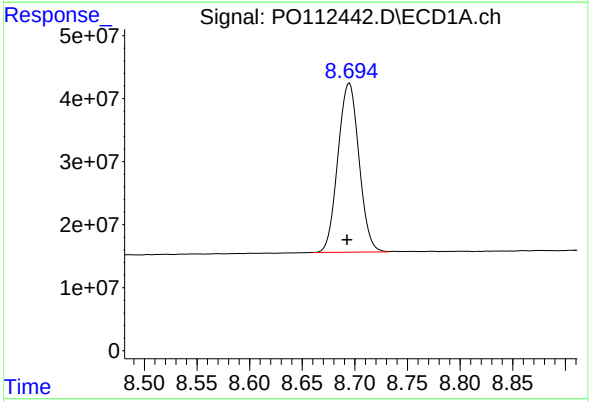
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 429455402
Conc: 52.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



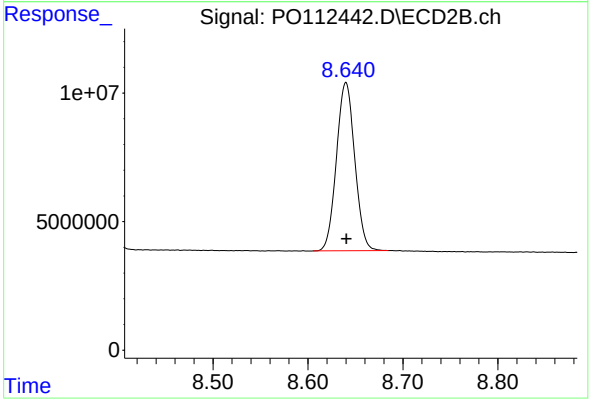
#1 Tetrachloro-m-xylene

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



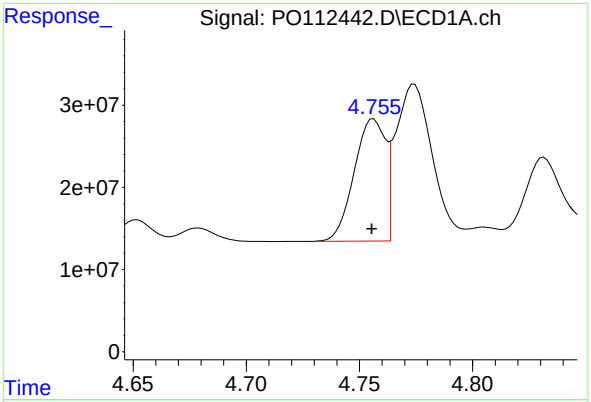
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

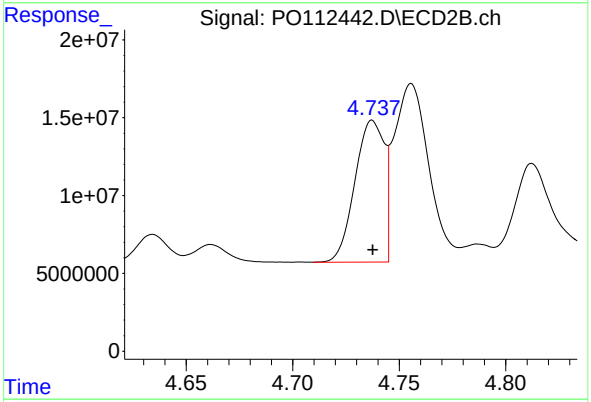
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 87671423
Conc: 49.61 ng/ml



#3 AR-1016-1

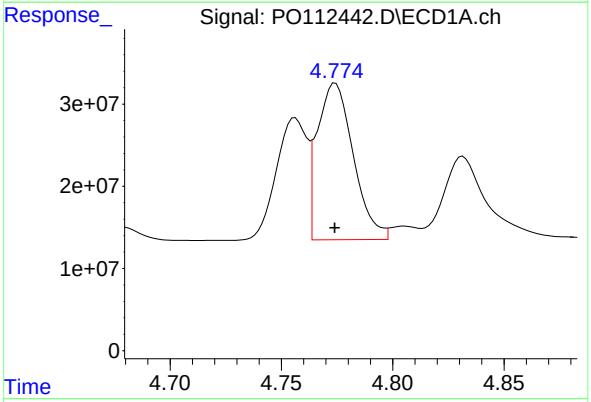
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 141906938
Conc: 528.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



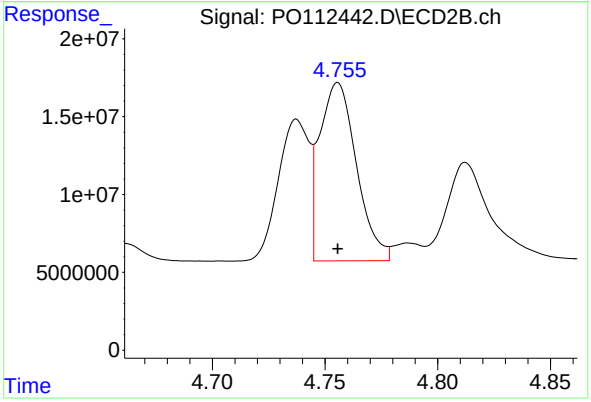
#3 AR-1016-1

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



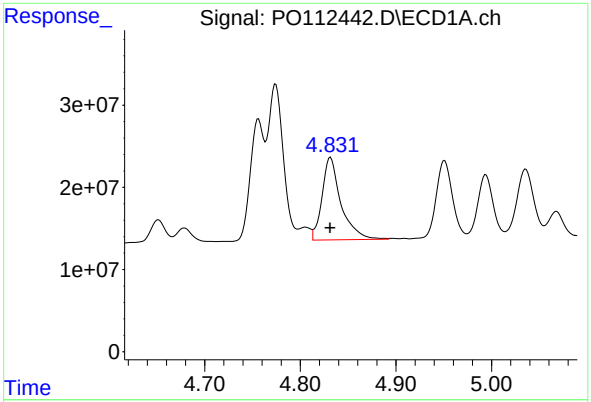
#4 AR-1016-2

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



#4 AR-1016-2

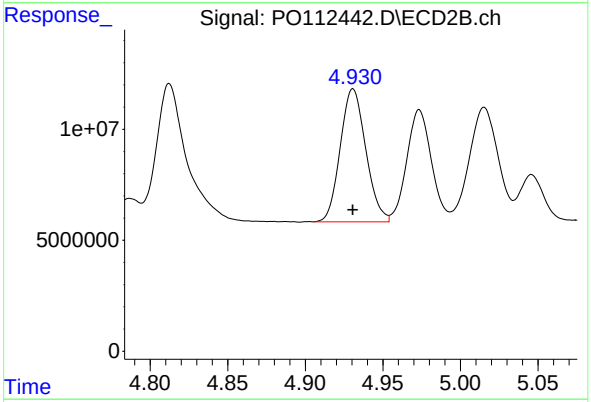
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 130482985
Conc: 500.90 ng/ml



#5 AR-1016-3

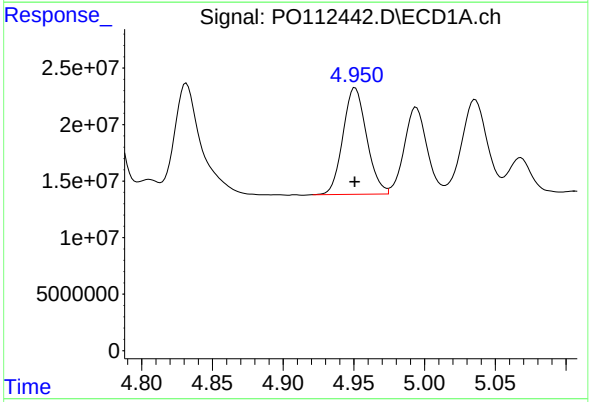
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 137669441
Conc: 526.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



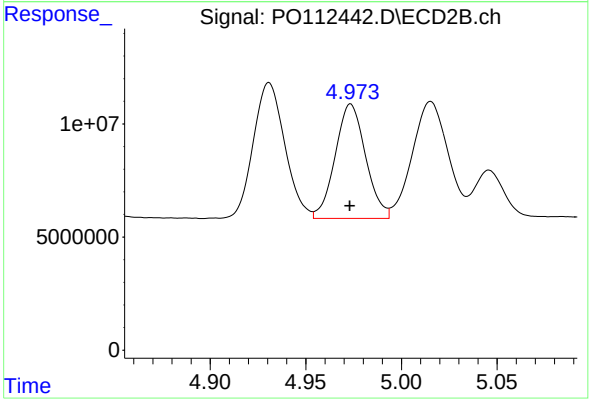
#5 AR-1016-3

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



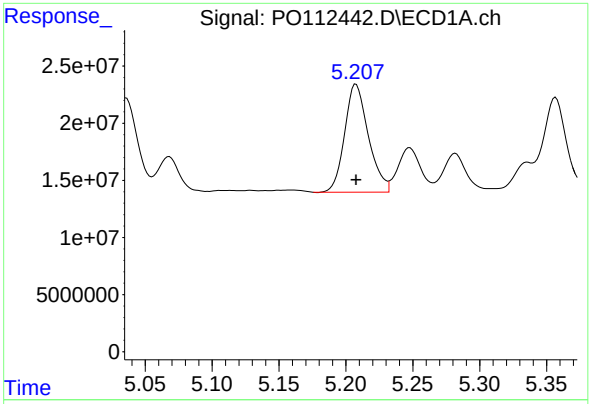
#6 AR-1016-4

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



#6 AR-1016-4

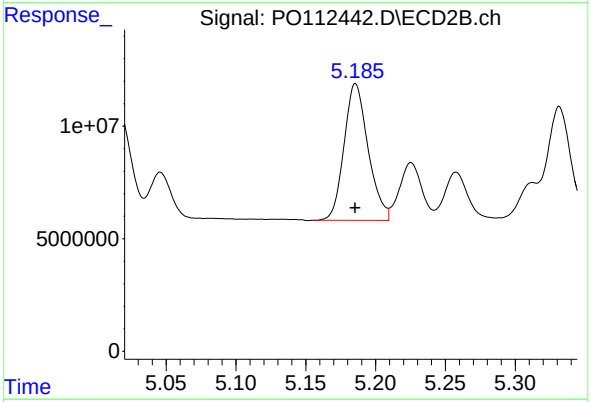
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 56111590
Conc: 505.12 ng/ml



#7 AR-1016-5

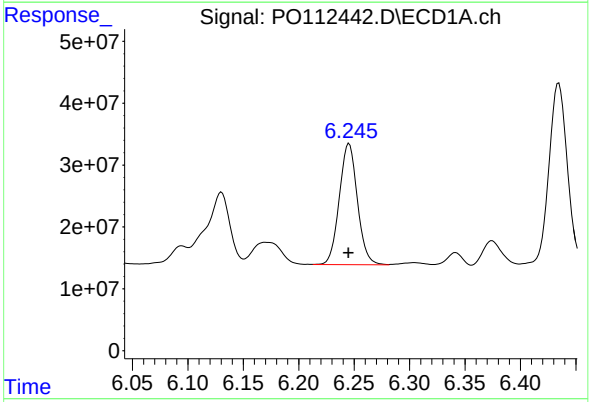
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 116873095
Conc: 532.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



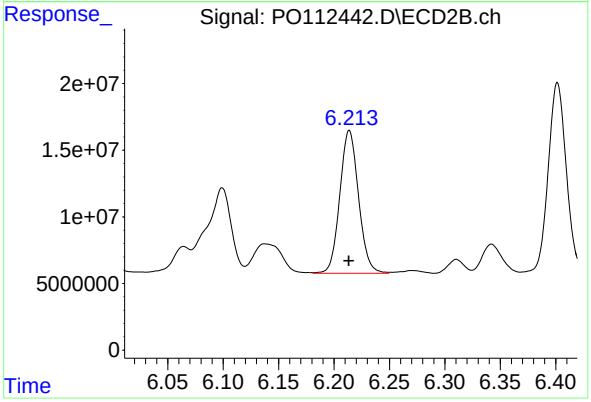
#7 AR-1016-5

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



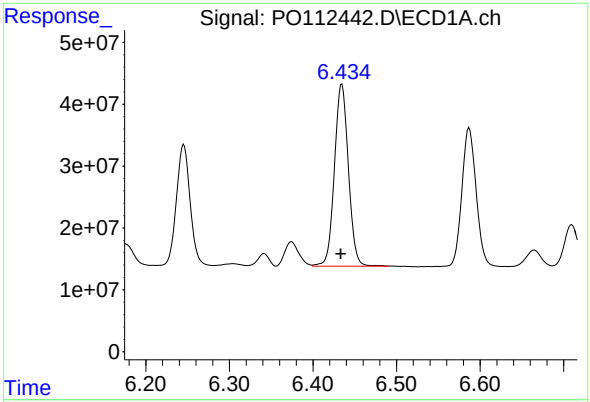
#31 AR-1260-1

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



#31 AR-1260-1

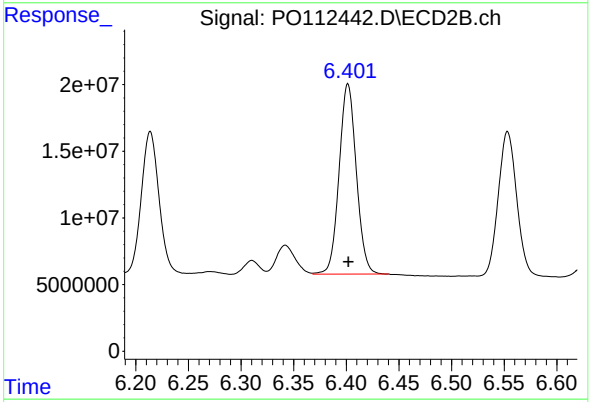
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 126128146
Conc: 507.54 ng/ml



#32 AR-1260-2

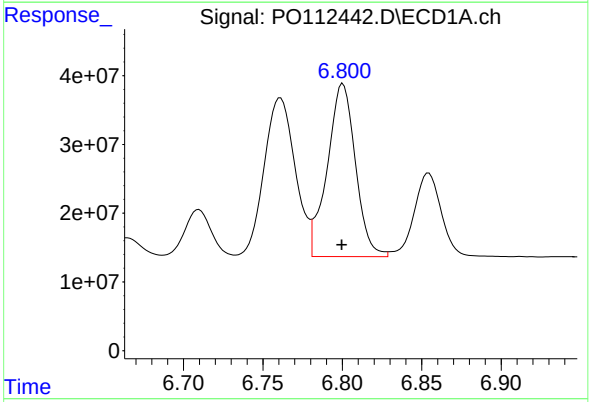
R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 342251594
Conc: 497.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



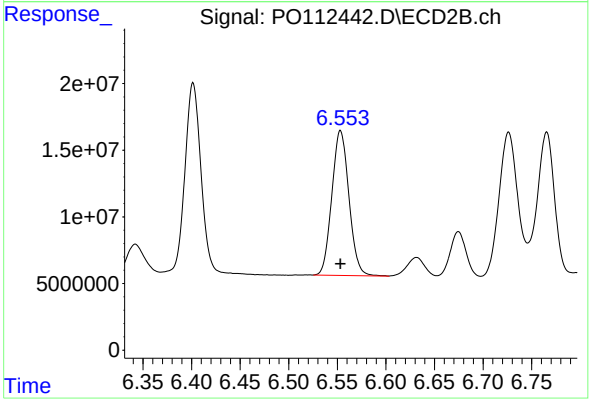
#32 AR-1260-2

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



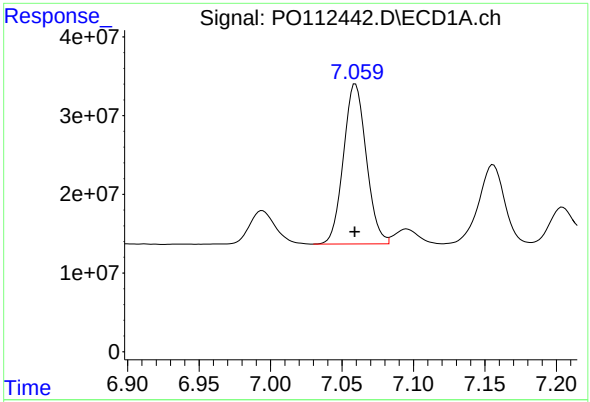
#33 AR-1260-3

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



#33 AR-1260-3

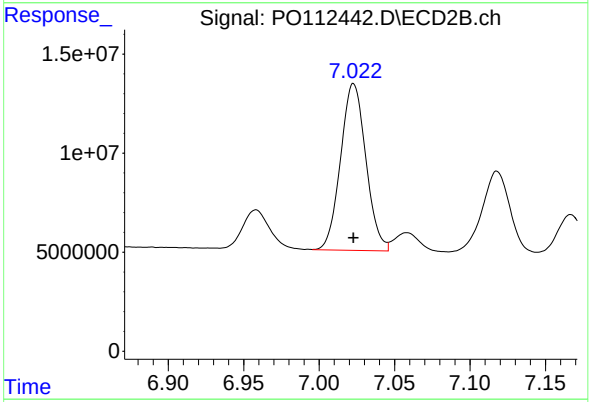
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 132981251
Conc: 517.60 ng/ml



#34 AR-1260-4

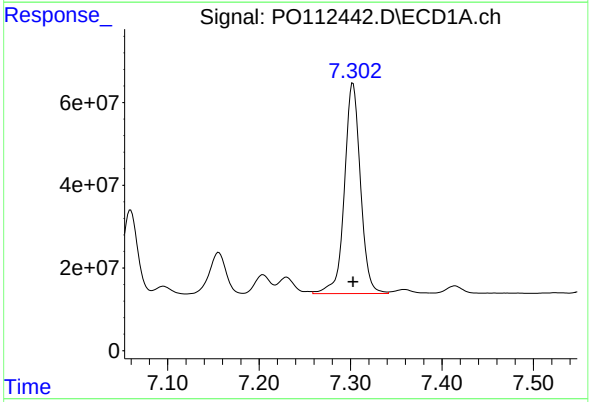
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 226325062
Conc: 501.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



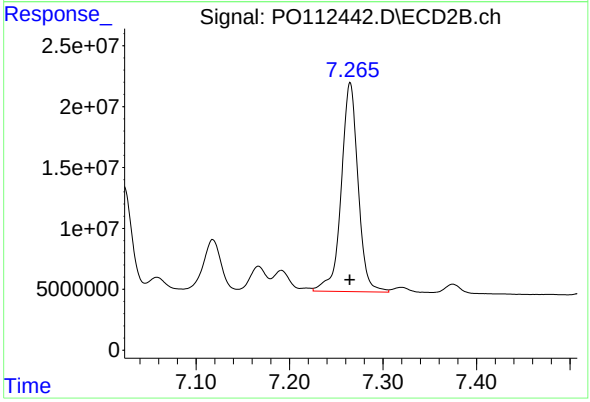
#34 AR-1260-4

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

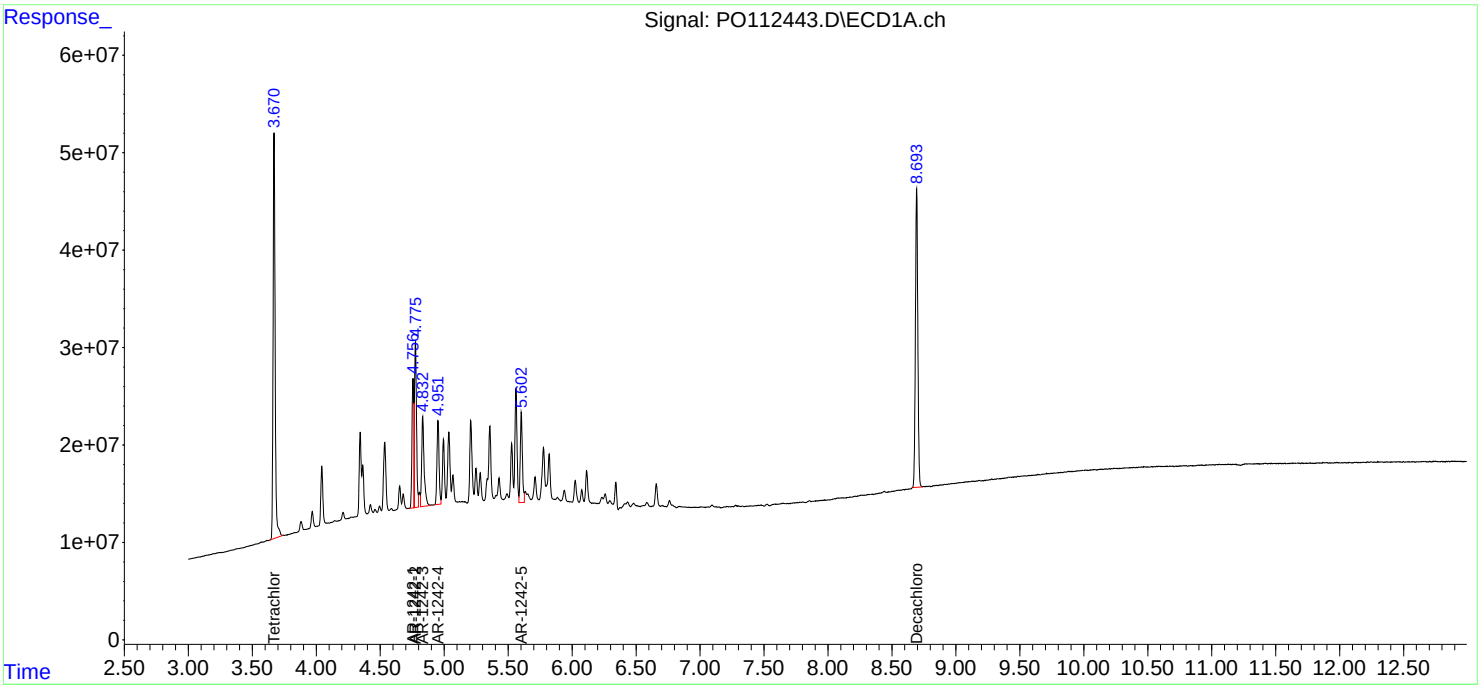
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

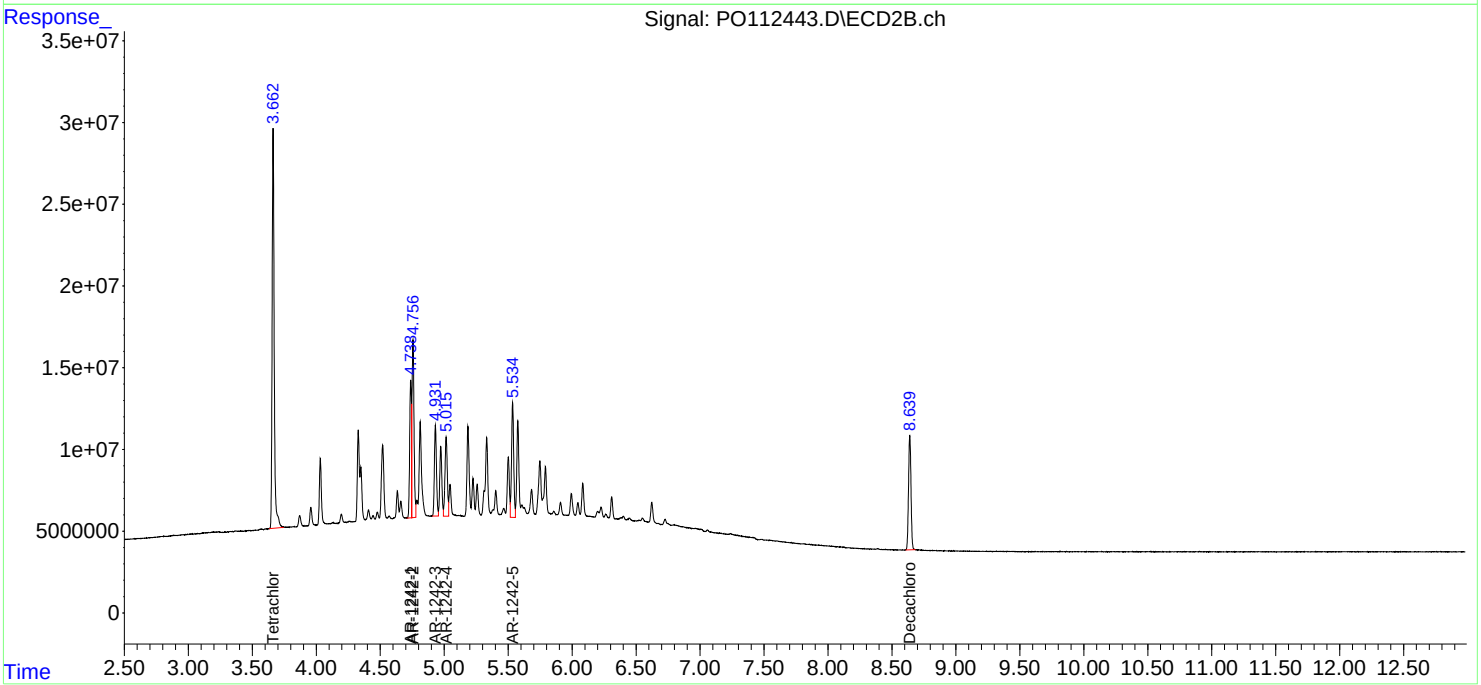
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:42
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

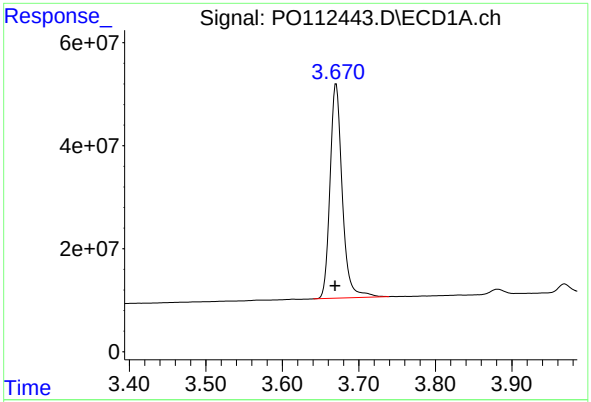
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242

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



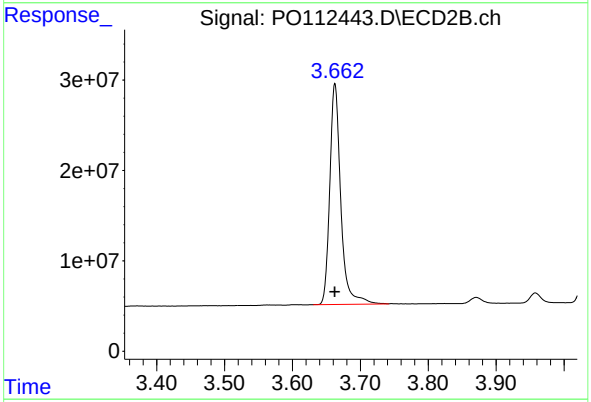




#1 Tetrachloro-m-xylene

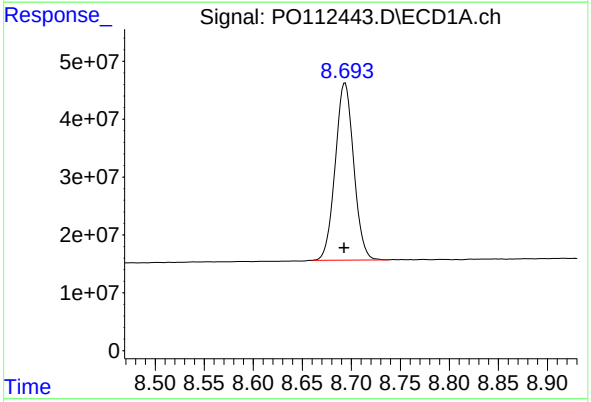
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 460660306
Conc: 56.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



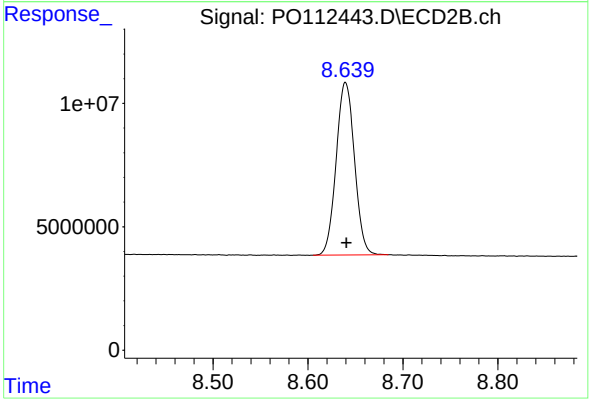
#1 Tetrachloro-m-xylene

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



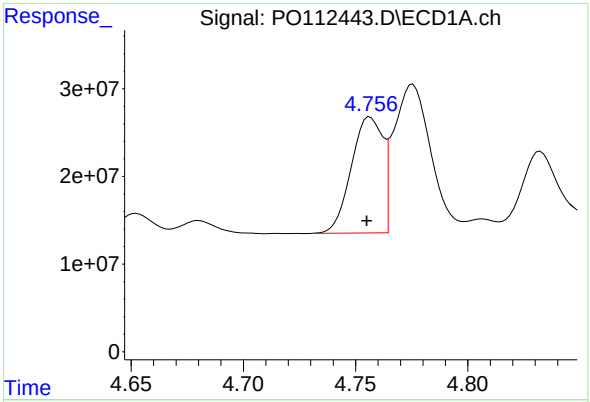
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

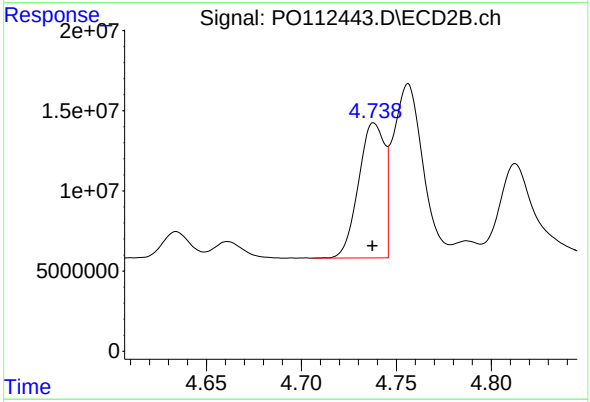
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 93838611
Conc: 53.10 ng/ml



#16 AR-1242-1

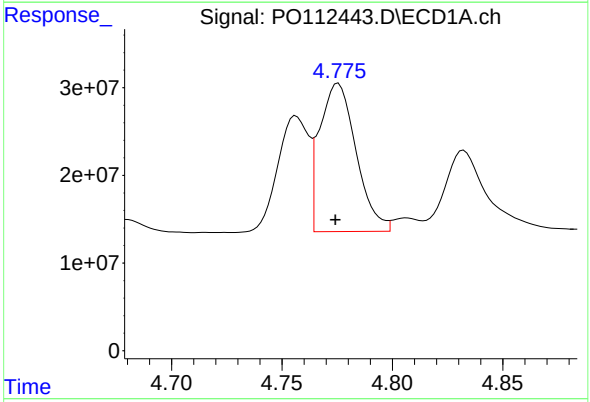
R.T.: 4.756 min
Delta R.T.: 0.001 min
Response: 129037672
Conc: 521.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



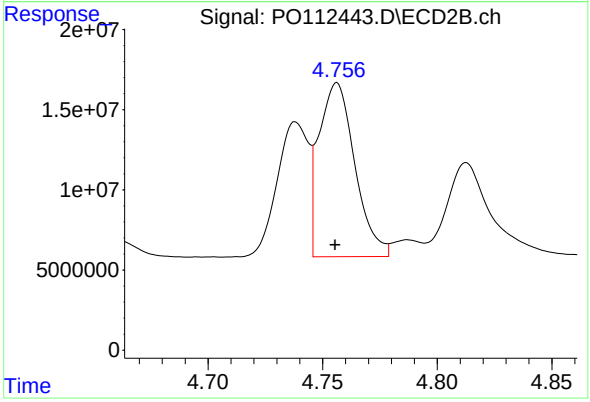
#16 AR-1242-1

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



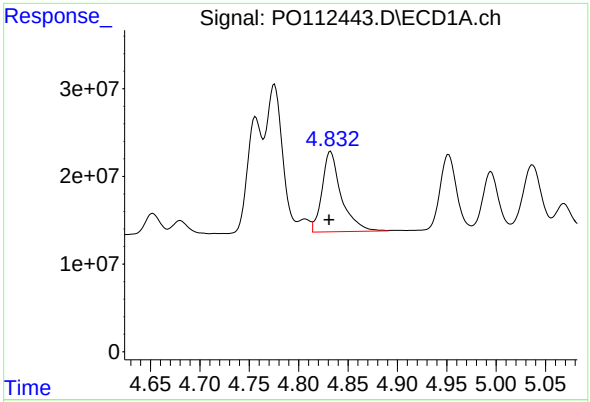
#17 AR-1242-2

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



#17 AR-1242-2

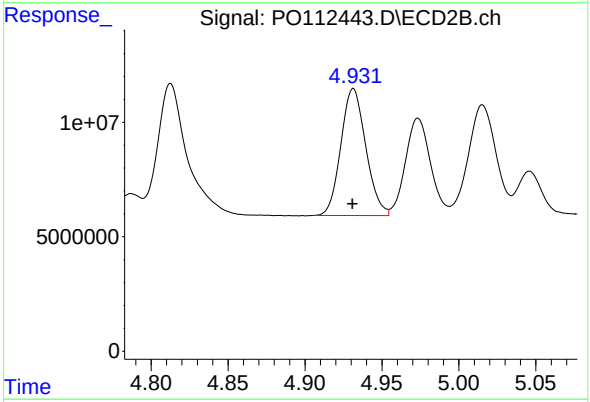
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 118575765
Conc: 507.46 ng/ml



#18 AR-1242-3

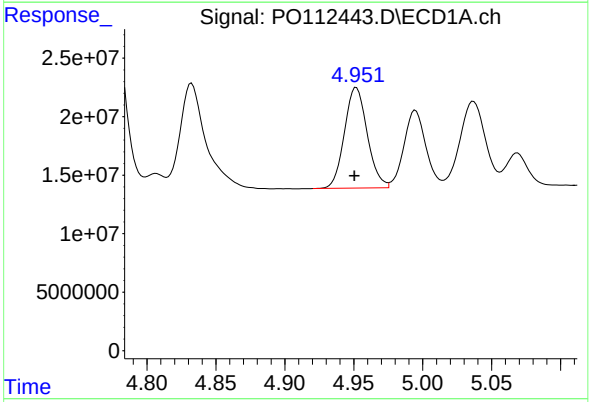
R.T.: 4.832 min
Delta R.T.: 0.002 min
Response: 123731413
Conc: 522.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



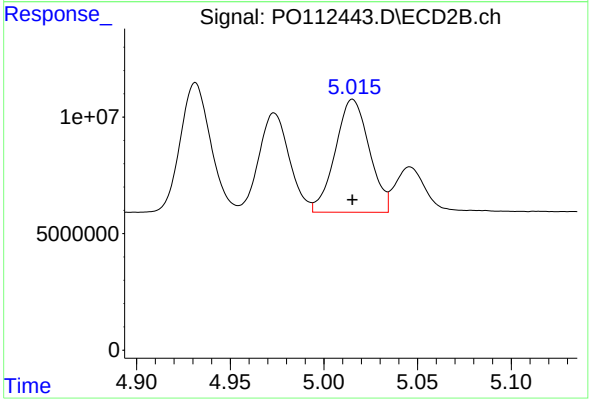
#18 AR-1242-3

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



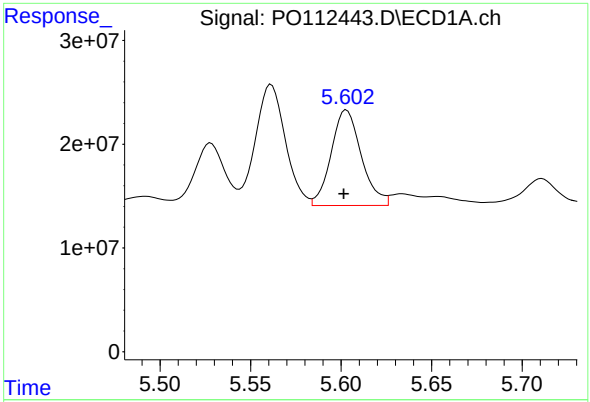
#19 AR-1242-4

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



#19 AR-1242-4

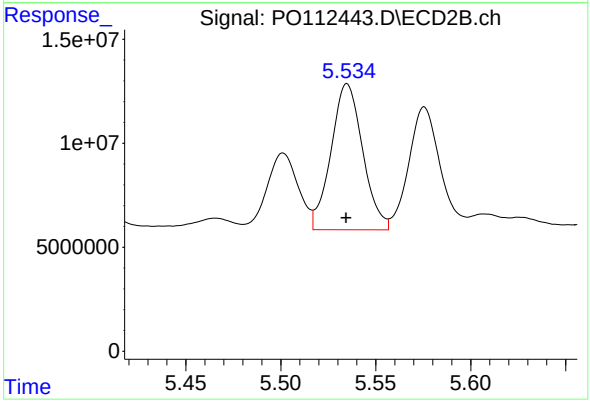
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 61266680
Conc: 499.16 ng/ml



#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.

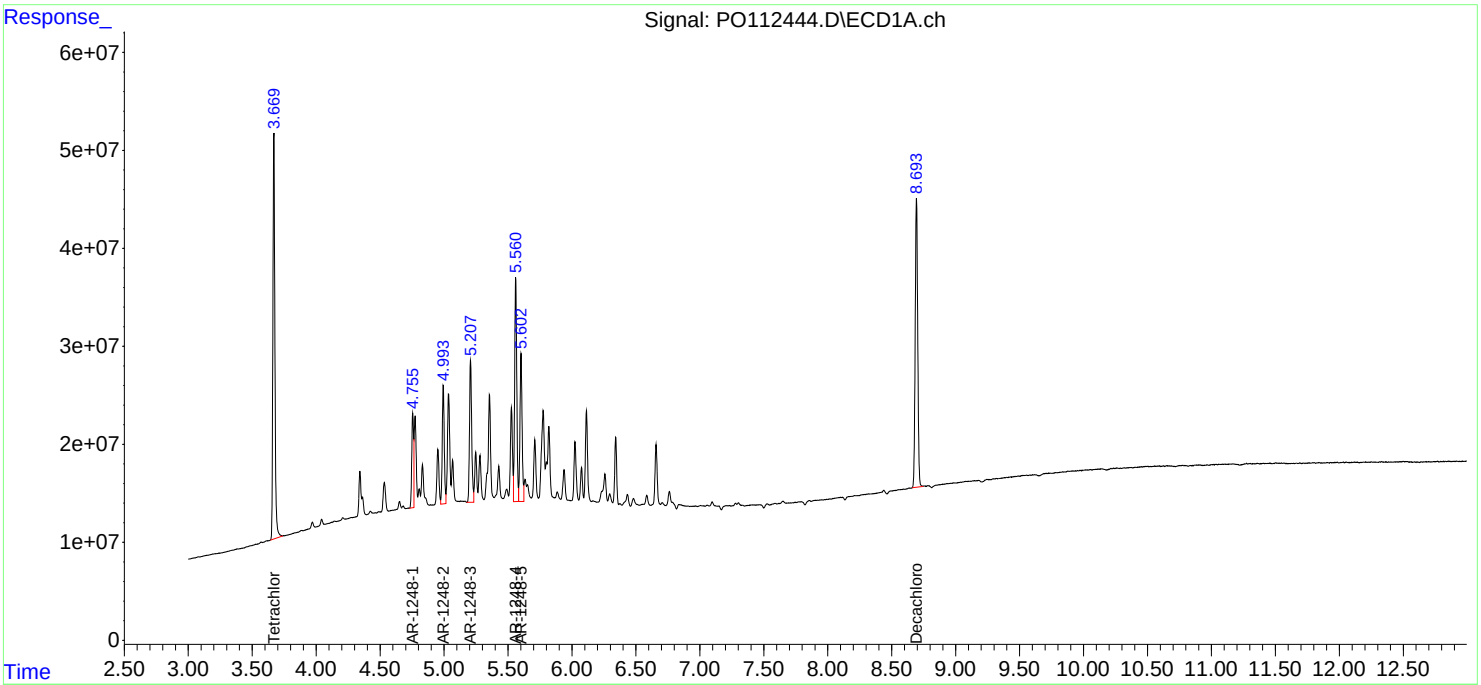
ICAL Form

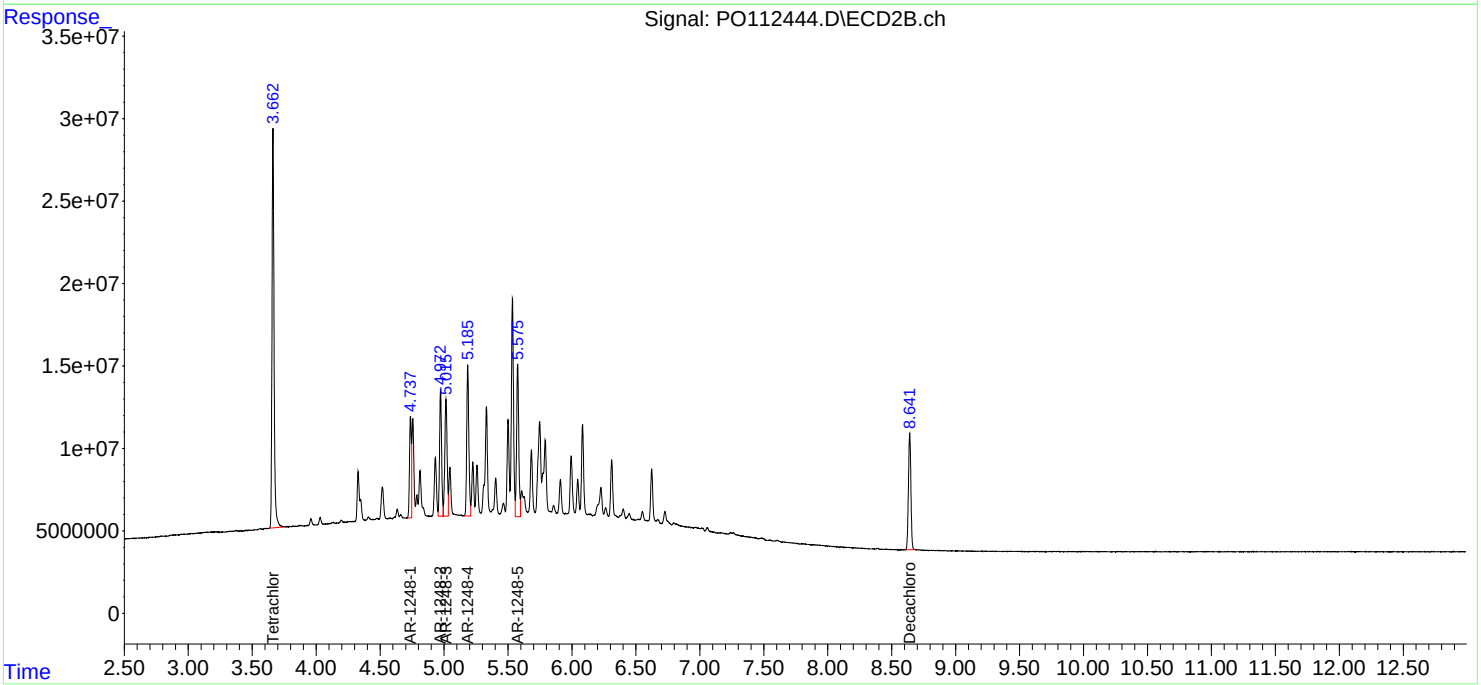
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:18
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

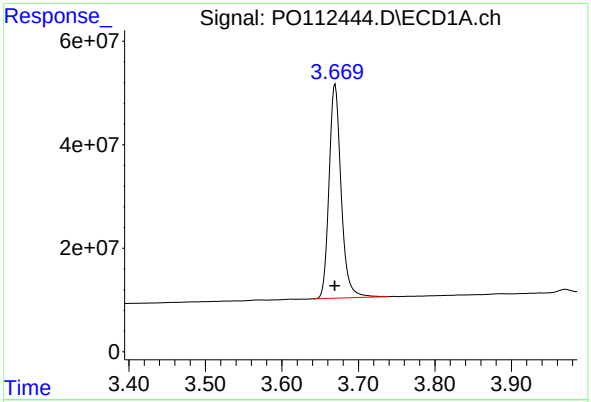
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248

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



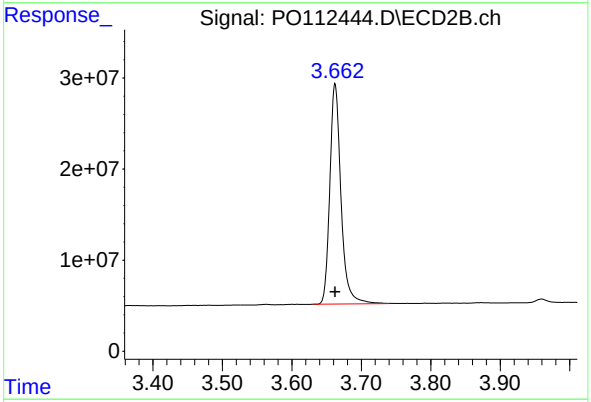




#1 Tetrachloro-m-xylene

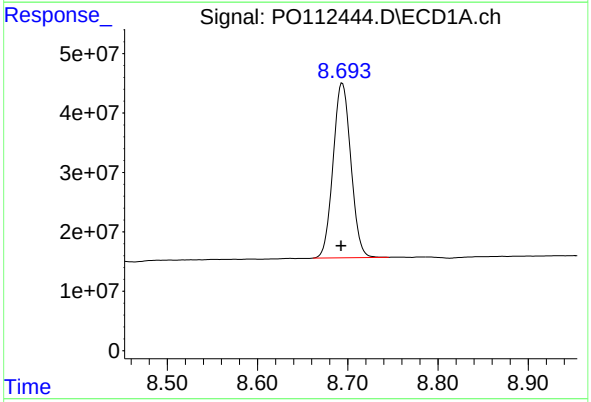
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 452237643
Conc: 55.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



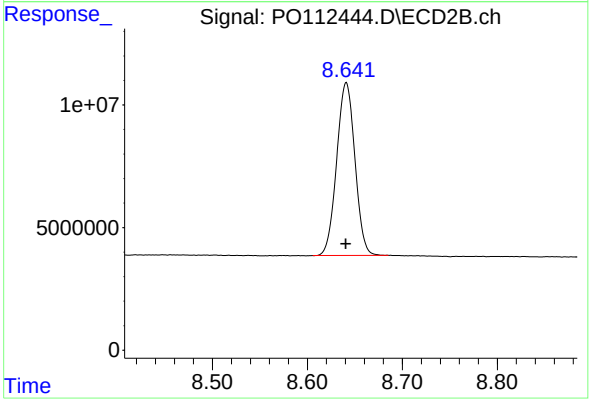
#1 Tetrachloro-m-xylene

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



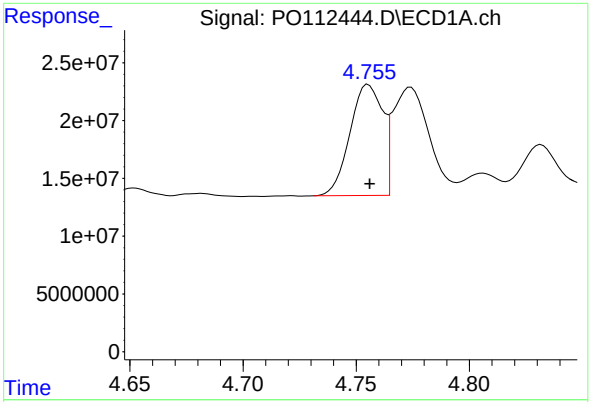
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

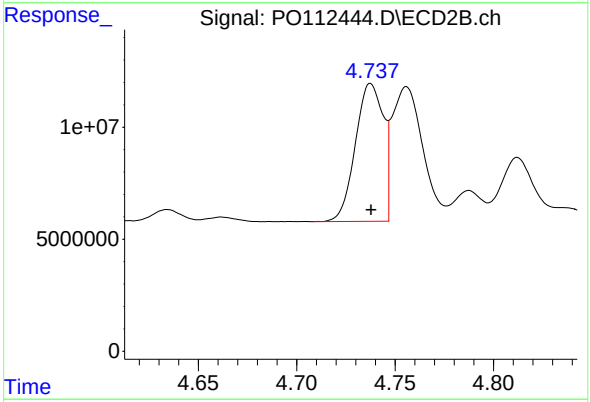
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 94089624
Conc: 53.24 ng/ml



#21 AR-1248-1

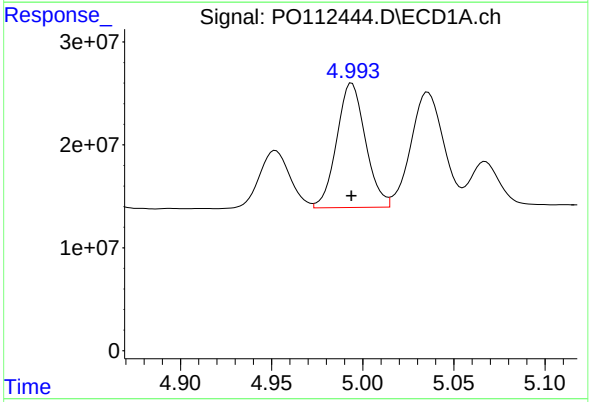
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 96403586
Conc: 514.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



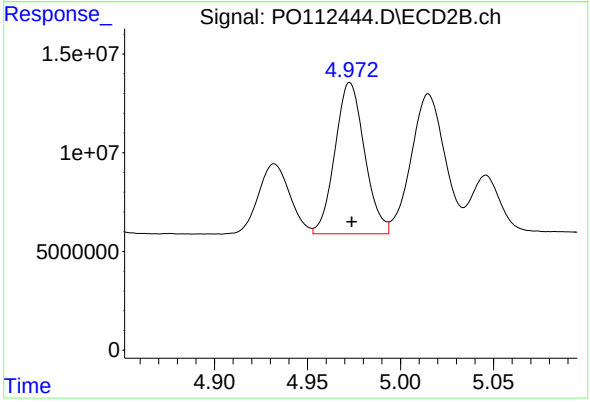
#21 AR-1248-1

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



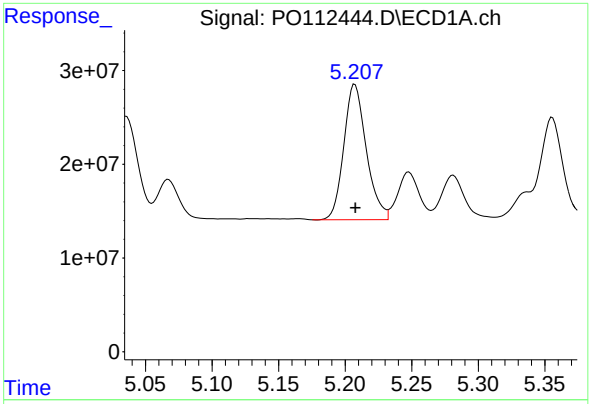
#22 AR-1248-2

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



#22 AR-1248-2

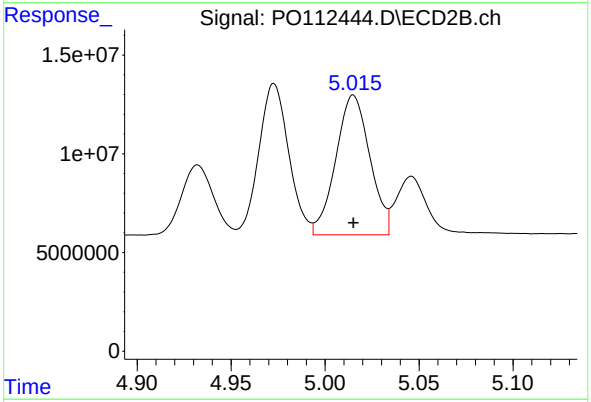
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 84845389
Conc: 501.21 ng/ml



#23 AR-1248-3

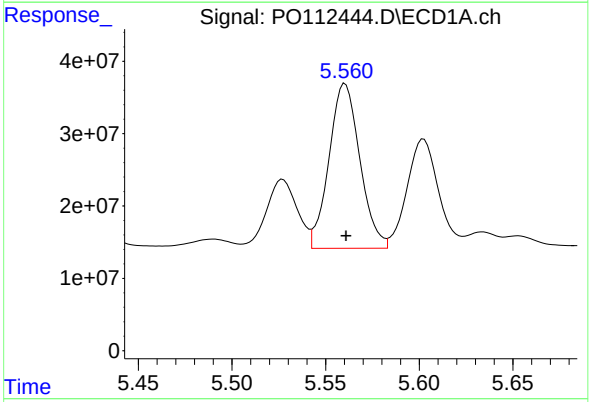
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 170003864
Conc: 494.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



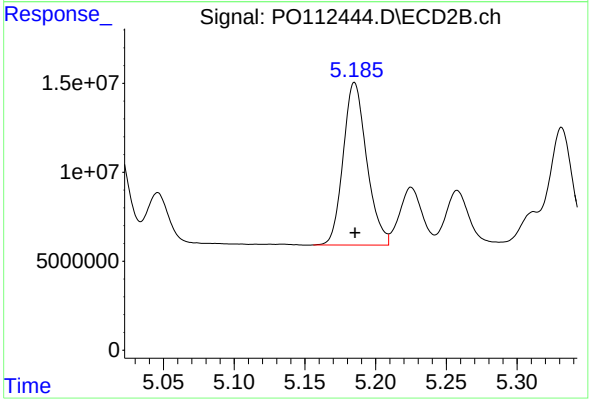
#23 AR-1248-3

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



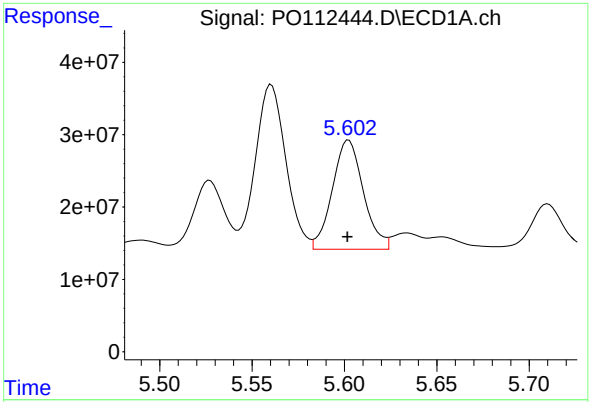
#24 AR-1248-4

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



#24 AR-1248-4

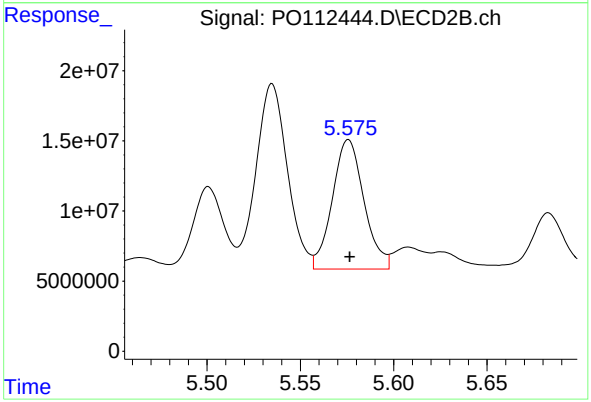
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 105836252
Conc: 507.96 ng/ml



#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.

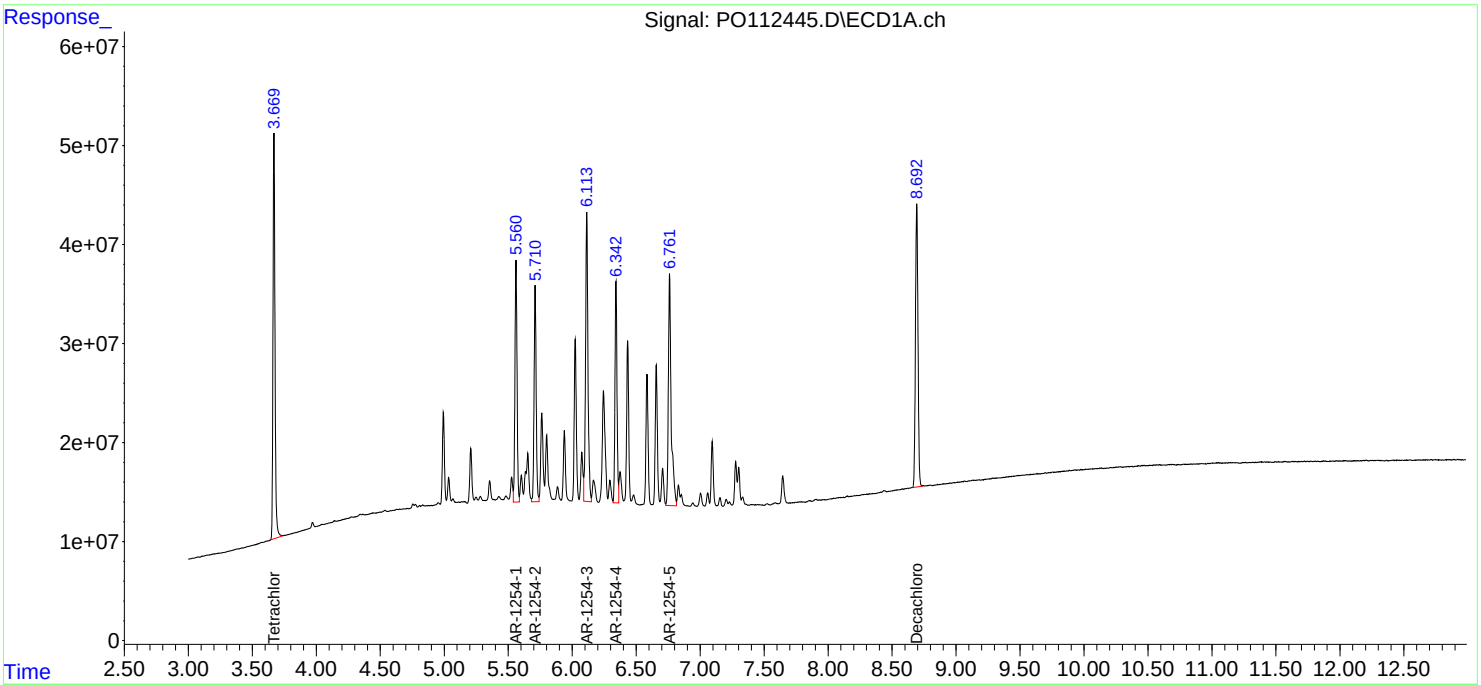
ICAL Form

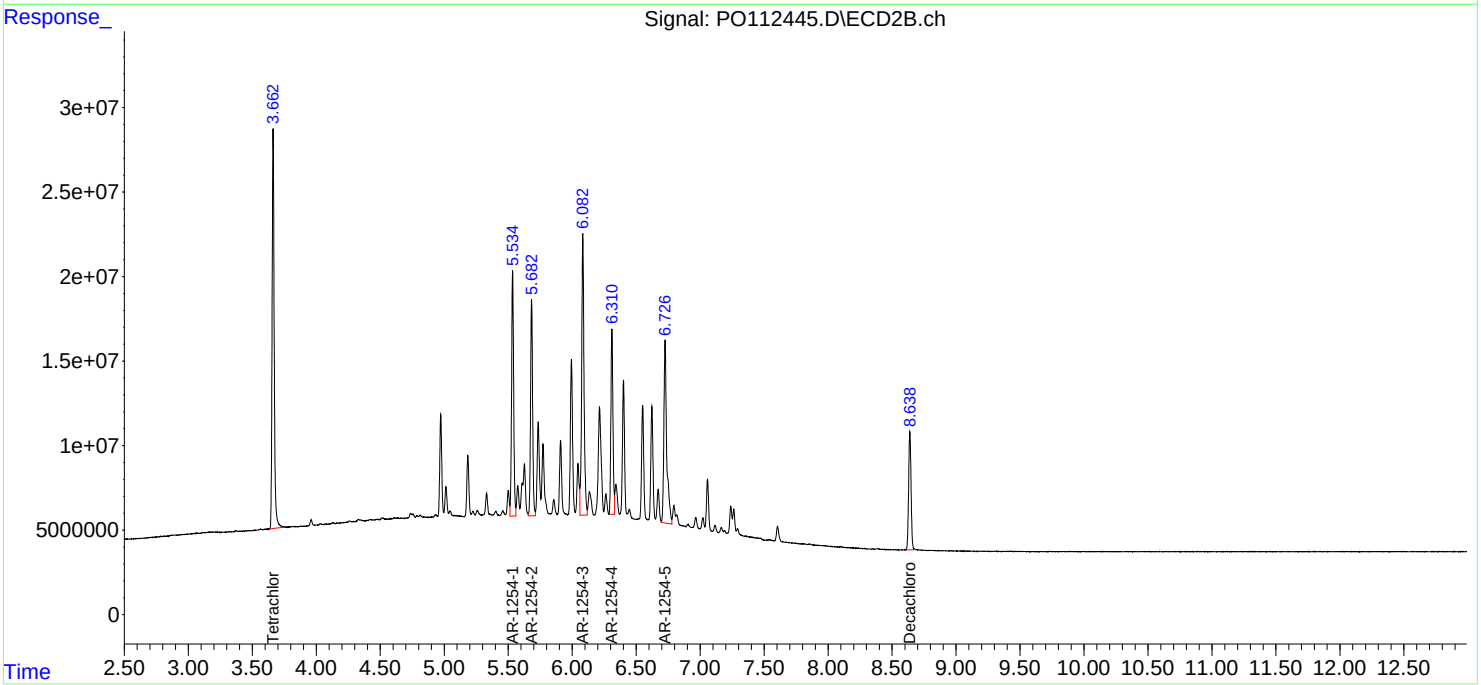
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:54
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

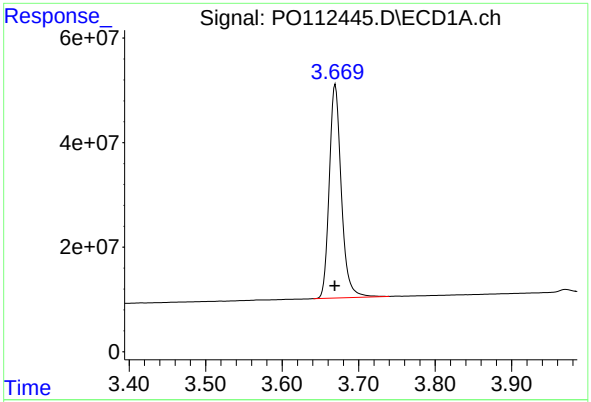
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254

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



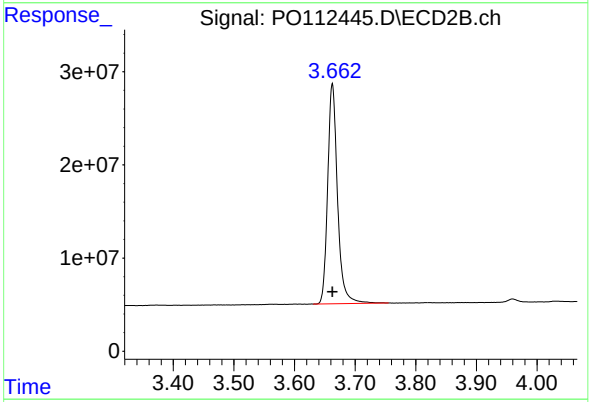




#1 Tetrachloro-m-xylene

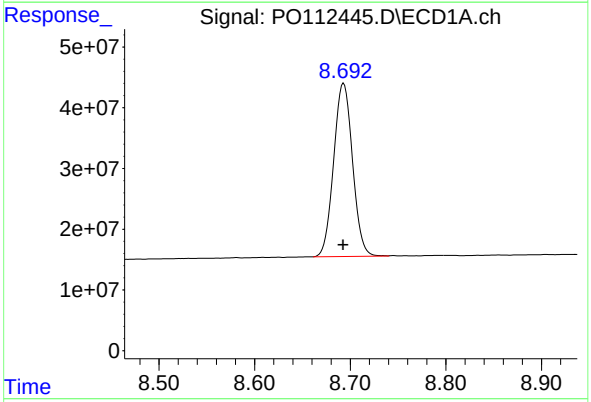
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 445431862
Conc: 54.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



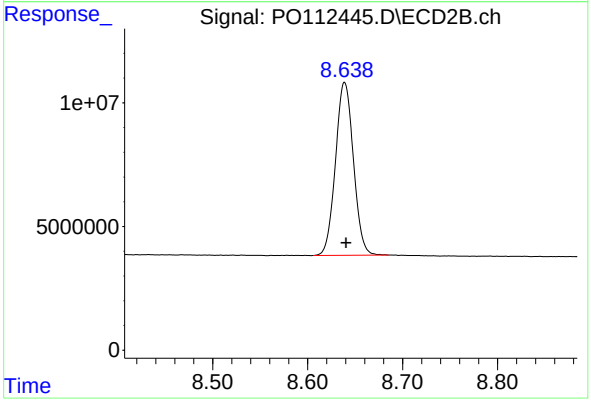
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 266634238
Conc: 53.66 ng/ml



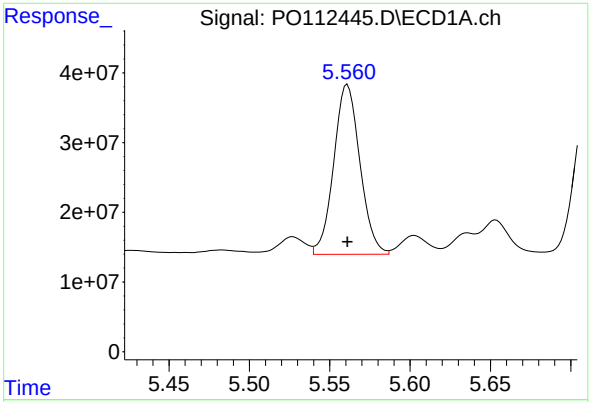
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 391557477
Conc: 53.55 ng/ml



#2 Decachlorobiphenyl

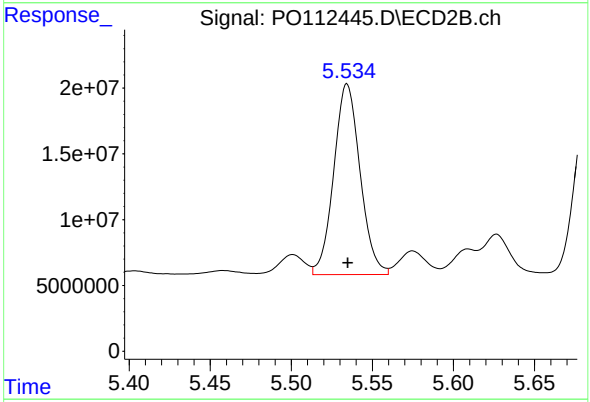
R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 91844886
Conc: 51.97 ng/ml



#26 AR-1254-1

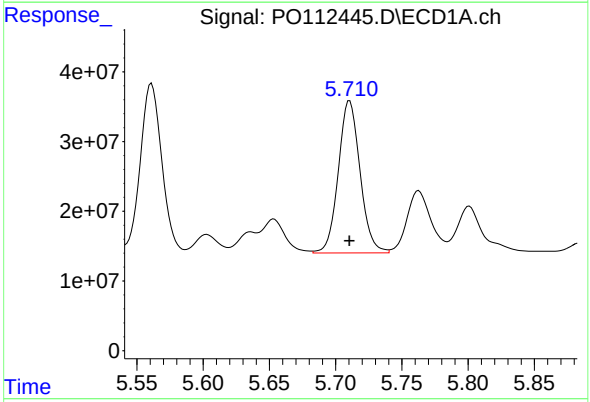
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 276290556
Conc: 503.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



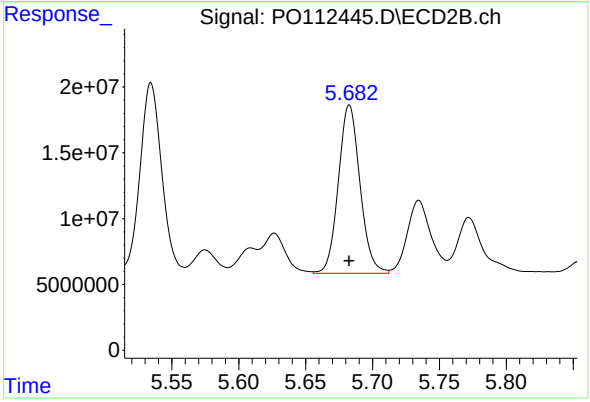
#26 AR-1254-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 163932118
Conc: 498.85 ng/ml



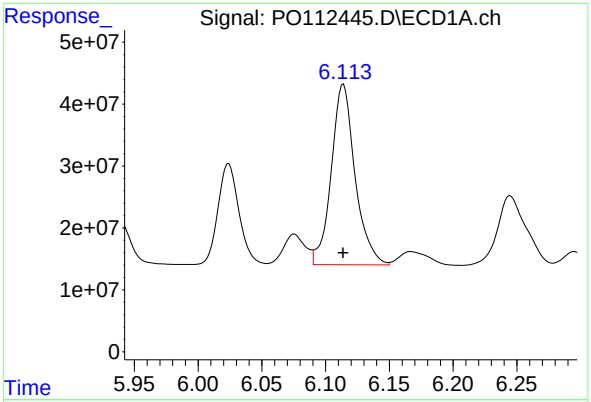
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 249728799
Conc: 513.93 ng/ml



#27 AR-1254-2

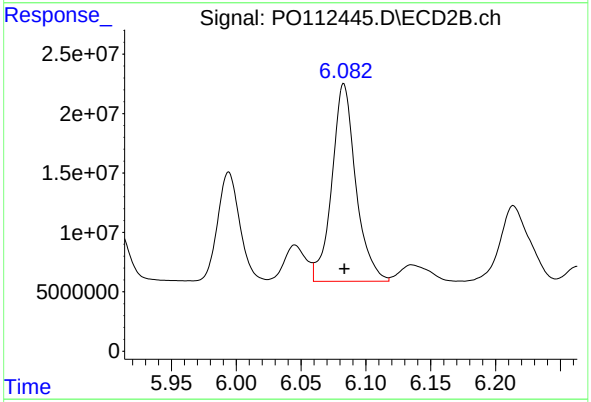
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 144278870
Conc: 498.39 ng/ml



#28 AR-1254-3

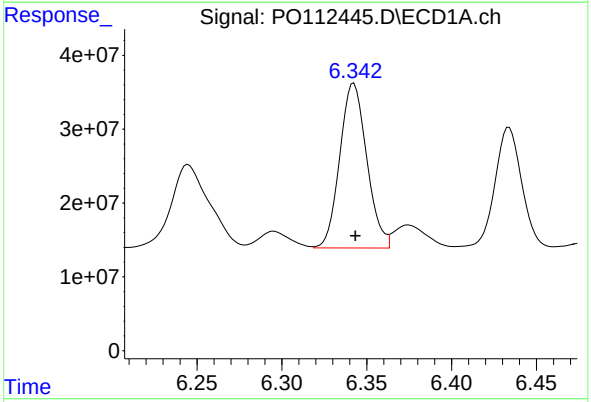
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 379525107
Conc: 509.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



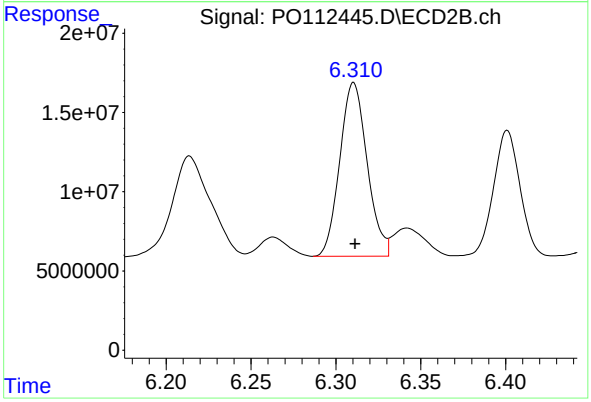
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 213651018
Conc: 499.81 ng/ml



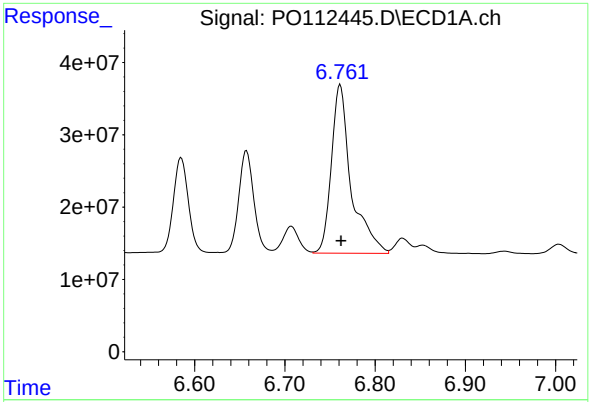
#29 AR-1254-4

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 247003787
Conc: 449.34 ng/ml



#29 AR-1254-4

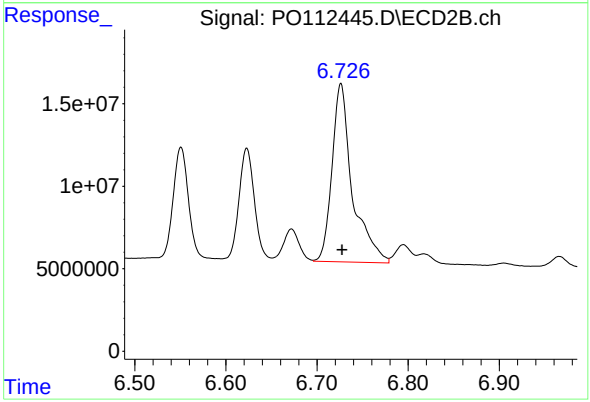
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 123092792
Conc: 450.95 ng/ml



#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.

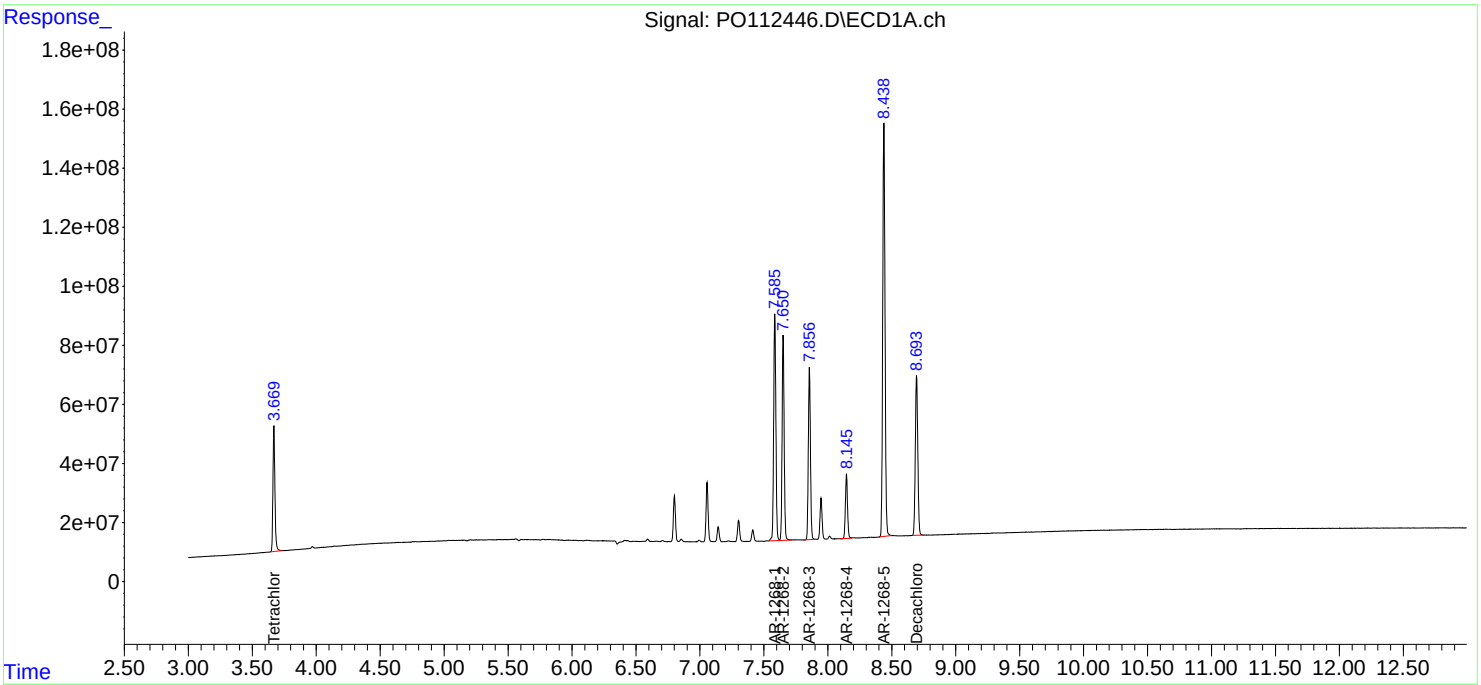
ICAL Form

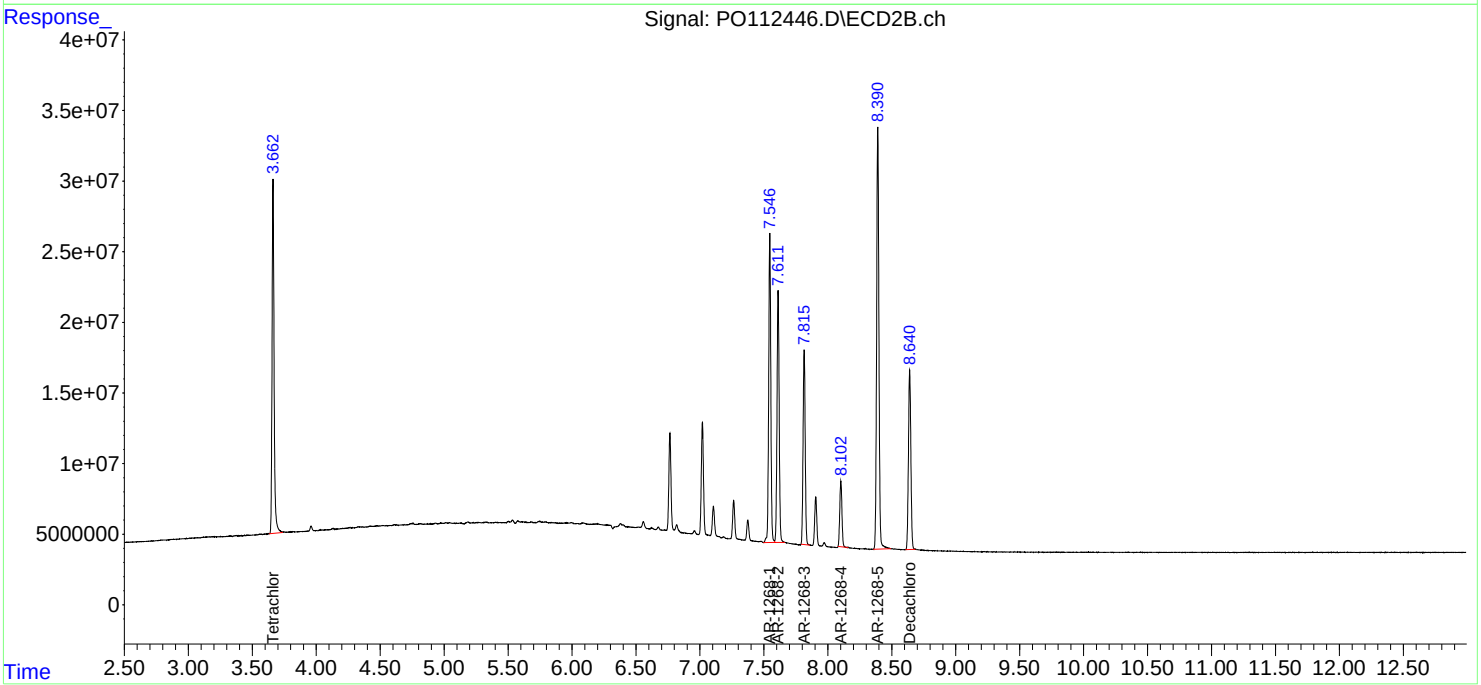
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 22:31
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

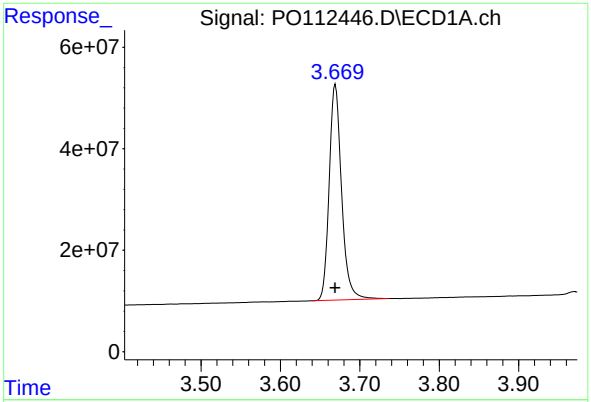
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268

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



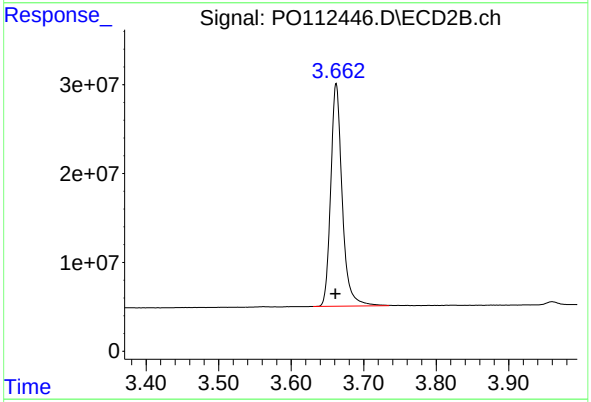




#1 Tetrachloro-m-xylene

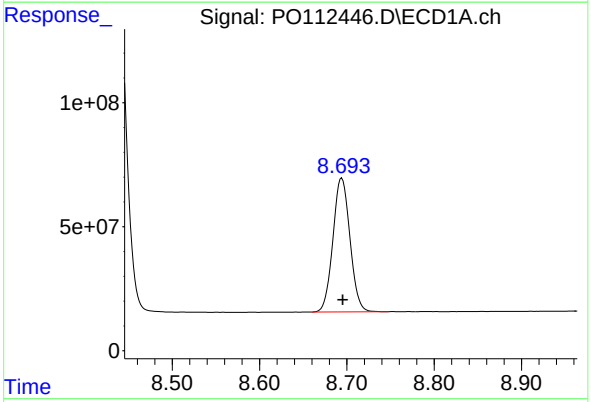
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 460923763
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



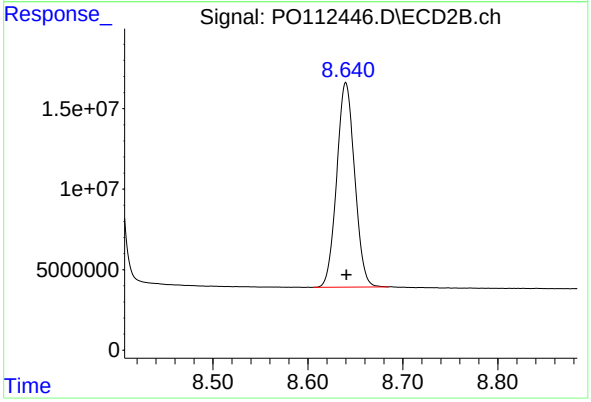
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 275414210
Conc: 52.47 ng/ml



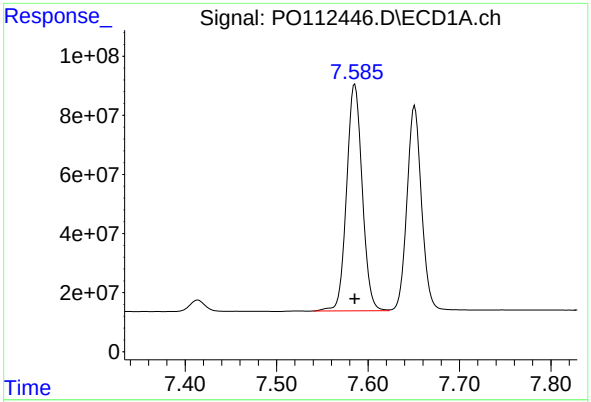
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.001 min
Response: 731296278
Conc: 52.41 ng/ml



#2 Decachlorobiphenyl

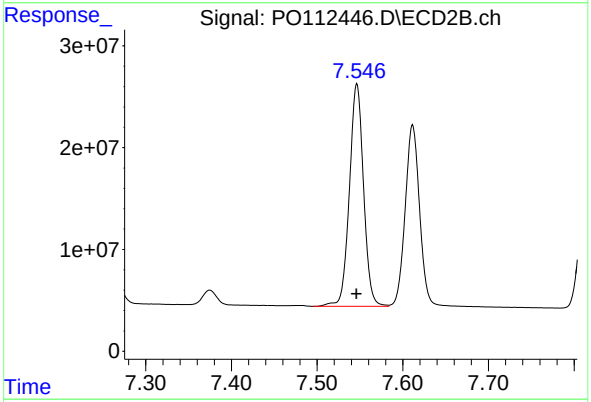
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 166747338
Conc: 51.83 ng/ml



#41 AR-1268-1

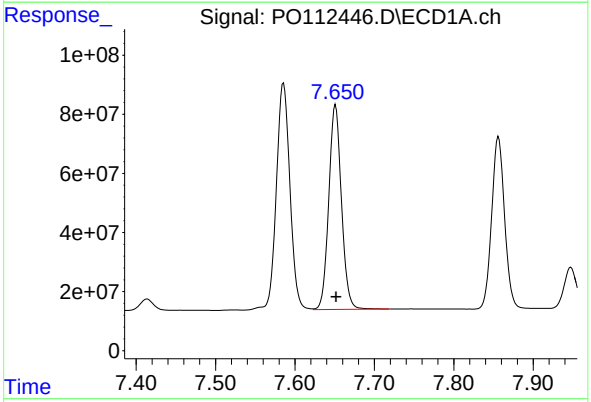
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 910320699
Conc: 519.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



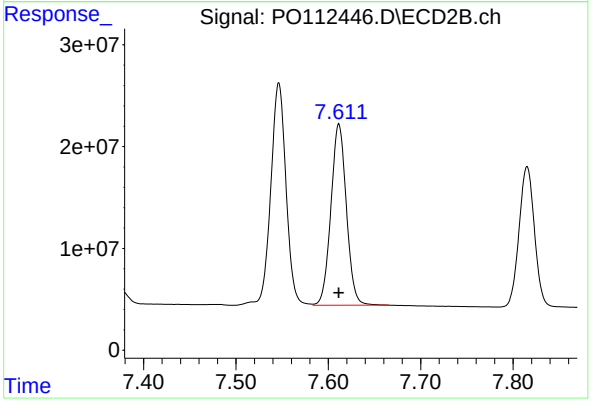
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 250743260
Conc: 484.19 ng/ml



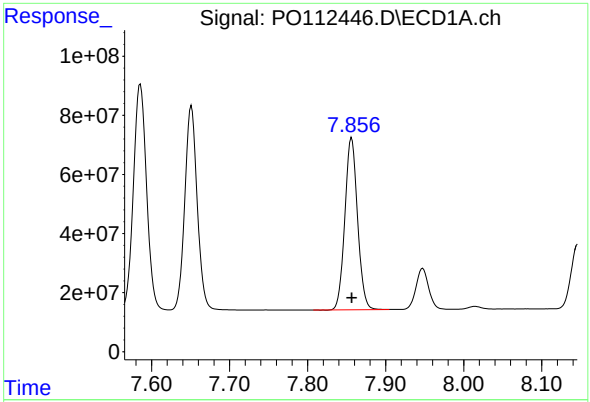
#42 AR-1268-2

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 767028892
Conc: 520.72 ng/ml



#42 AR-1268-2

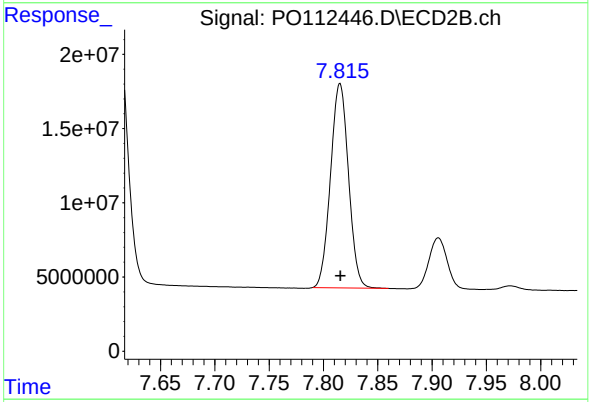
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 207176092
Conc: 487.40 ng/ml



#43 AR-1268-3

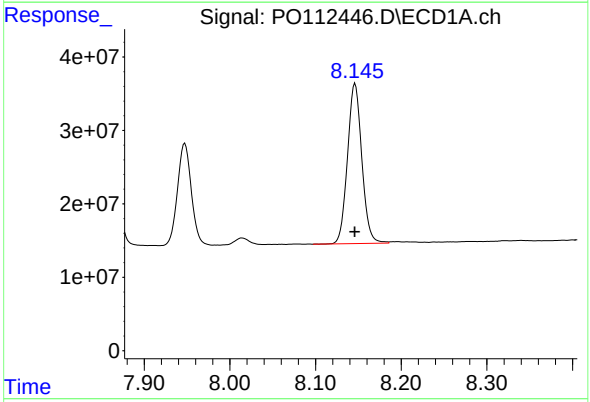
R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 656231584
Conc: 524.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



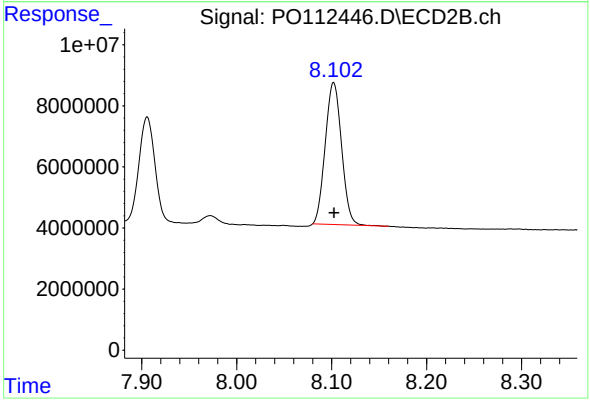
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 158462268
Conc: 493.24 ng/ml



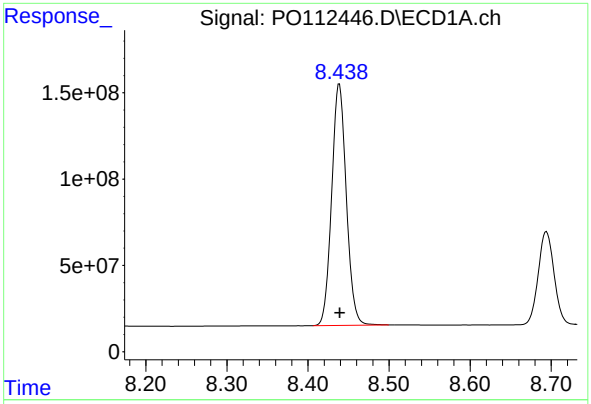
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 253169344
Conc: 525.40 ng/ml



#44 AR-1268-4

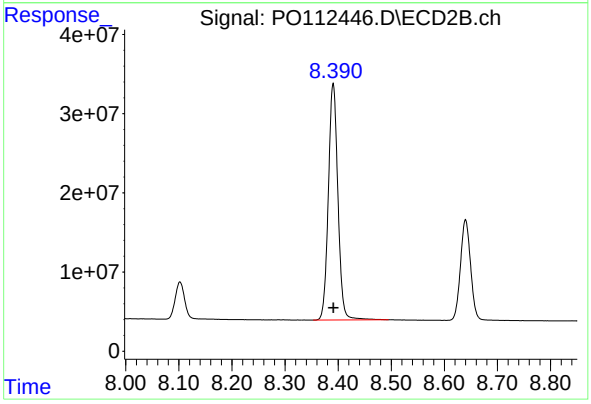
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 55462942
Conc: 498.34 ng/ml



#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:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 21:00

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-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.29	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
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
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
Aroclor-1268-1	(1)	8.89	8.89	8.88	8.89	8.88	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.98	8.98	8.98	8.98	8.98	8.98	8.88	9.08
Aroclor-1268-3	(3)	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Aroclor-1268-4	(4)	9.65	9.65	9.64	9.65	9.64	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.08	10.08	10.08	10.08	10.08	10.08	9.98	10.18

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RETENTION TIMES OF INITIAL CALIBRATION

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

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 21:00

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-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1248-3	(3)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1248-5	(5)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.81	3.81	3.80	3.81	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
Aroclor-1268-1	(1)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-2	(2)	7.77	7.77	7.76	7.77	7.76	7.76	7.66	7.86
Aroclor-1268-3	(3)	7.98	7.97	7.97	7.98	7.97	7.97	7.87	8.07
Aroclor-1268-4	(4)	8.26	8.26	8.26	8.26	8.25	8.26	8.16	8.36
Aroclor-1268-5	(5)	8.56	8.56	8.56	8.56	8.55	8.56	8.46	8.66

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene	3.81	3.81	3.80	3.81	3.80	3.80	3.70	3.90

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 21:00

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	15
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729	14
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513	15
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474	13
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	19
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931	15
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975	13
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909	15
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	15
Aroclor-1242-2	(2)	47421171	49356251	53063334	57890692	64313200	54408930	13
Aroclor-1242-3	(3)	30290298	32076312	34724744	38188808	43399140	35735860	15
Aroclor-1242-4	(4)	25177060	26633319	28691812	30950152	34640880	29218645	13
Aroclor-1242-5	(5)	29128304	32087727	34406488	38696772	43470800	35558018	16
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149	13
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517	11
Aroclor-1248-1	(1)	26012014	27266455	28382592	32377548	26034080	28014538	9
Aroclor-1248-2	(2)	36515572	38252313	40187546	46054136	40295760	40261065	9
Aroclor-1248-3	(3)	40868019	42412169	44640832	51616816	43329940	44573555	9
Aroclor-1248-4	(4)	47283684	48831351	51582160	59572556	52916140	52037178	9
Aroclor-1248-5	(5)	46926066	49438115	53240118	66624260	68487760	56943264	18
Decachlorobiphenyl		902646230	937967000	968024380	1065386680	905683400	955941538	7
Tetrachloro-m-xylene		1068436360	1076140947	1098459740	1208175120	1037436200	1097729673	6
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044	5
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558	11
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
Aroclor-1268-1	(1)	142955272	149417377	158027648	169058676	158704980	155632791	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	131876669	137740964	146028008	156095340	145387820	143425760	6
Aroclor-1268-3	(3)	109160207	114247889	121401736	129963480	122593520	119473366	7
Aroclor-1268-4	(4)	53399207	56495780	59648138	64006568	60513200	58812579	7
Aroclor-1268-5	(5)	329940751	343312197	357940676	374980396	352321300	351699064	5
Decachlorobiphenyl		1552329460	1634199573	1725409540	1850070760	1729382600	1698278387	7
Tetrachloro-m-xylene		1073331290	1106428547	1168372740	1224763920	1165445000	1147668299	5

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 21:00

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	6
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	5
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	7
Aroclor-1242-4	(4)	117292839	116784915	126377070	120581608	116071680	119421622	4
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-1248-1	(1)	226988567	229985632	223628918	235222400	153833380	213931779	16
Aroclor-1248-2	(2)	144097829	150091983	147770322	157346308	132256240	146312536	6
Aroclor-1248-3	(3)	172976729	178117977	179546142	179147868	147511440	171460031	8
Aroclor-1248-4	(4)	172717217	175516964	167056852	177432928	139143940	166373580	9
Aroclor-1248-5	(5)	294453856	295405435	302782708	313424748	248763160	290965981	9
Decachlorobiphenyl		6312855190	6341829947	6094718980	6207436760	4311378200	5853643815	15
Tetrachloro-m-xylene		4385308570	4301906947	3944857000	3885559400	2145710800	3732668543	24
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	14
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334	11
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105	13
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401	10
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267	20
Aroclor-1268-1	(1)	1143653576	1178603648	1169220296	1137954568	821890400	1090264498	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1156429651	1169227124	1148132706	1081919540	750923860	1061326576	17
Aroclor-1268-3	(3)	878376375	916105117	891866620	851686184	621642780	831935415	14
Aroclor-1268-4	(4)	344232734	332434287	329469338	308796084	225363580	308059205	16
Aroclor-1268-5	(5)	2783858185	2765009351	2772298574	2653693752	1775491420	2550070256	17
Decachlorobiphenyl		11574834340	11783824027	11839299300	11748644760	8595300200	11108380525	13
Tetrachloro-m-xylene		4456449760	4380541467	4388019140	3891213360	2401020600	3903448865	22

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

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-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

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

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-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

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.

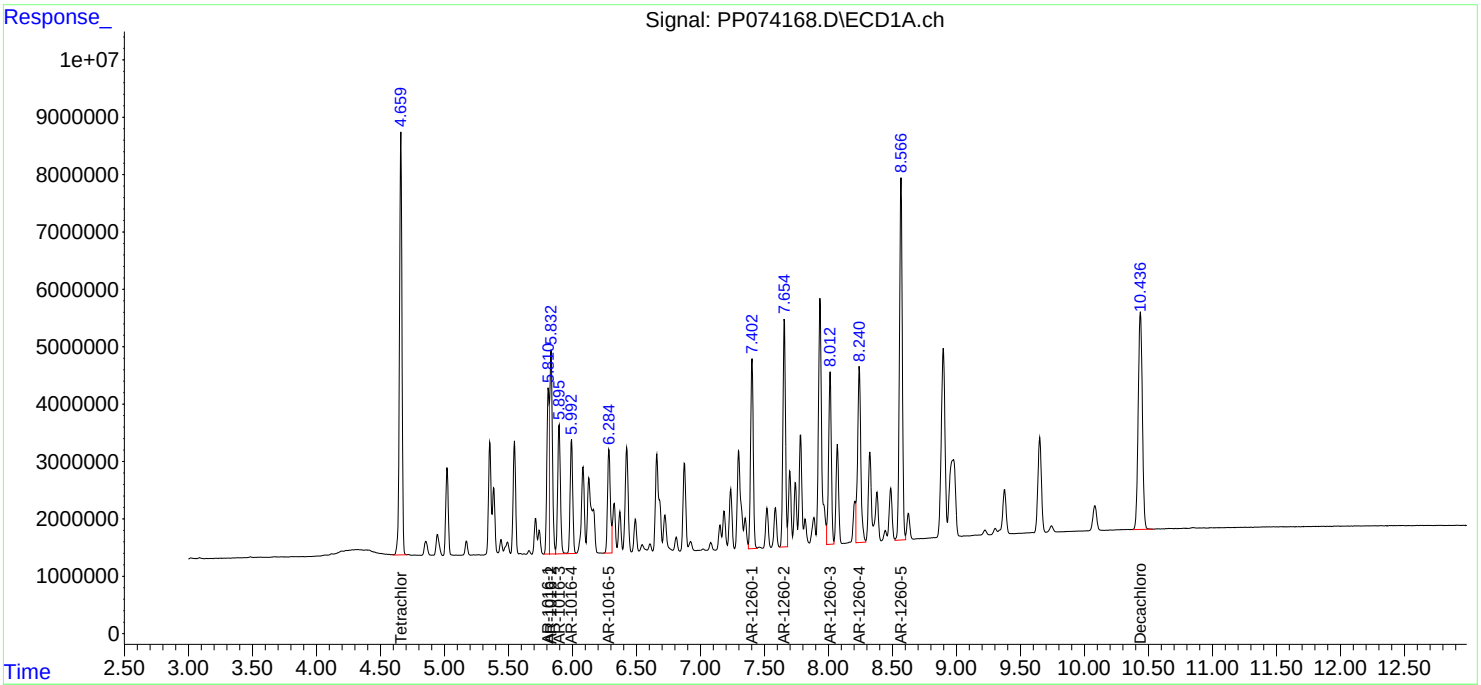
ICAL Form

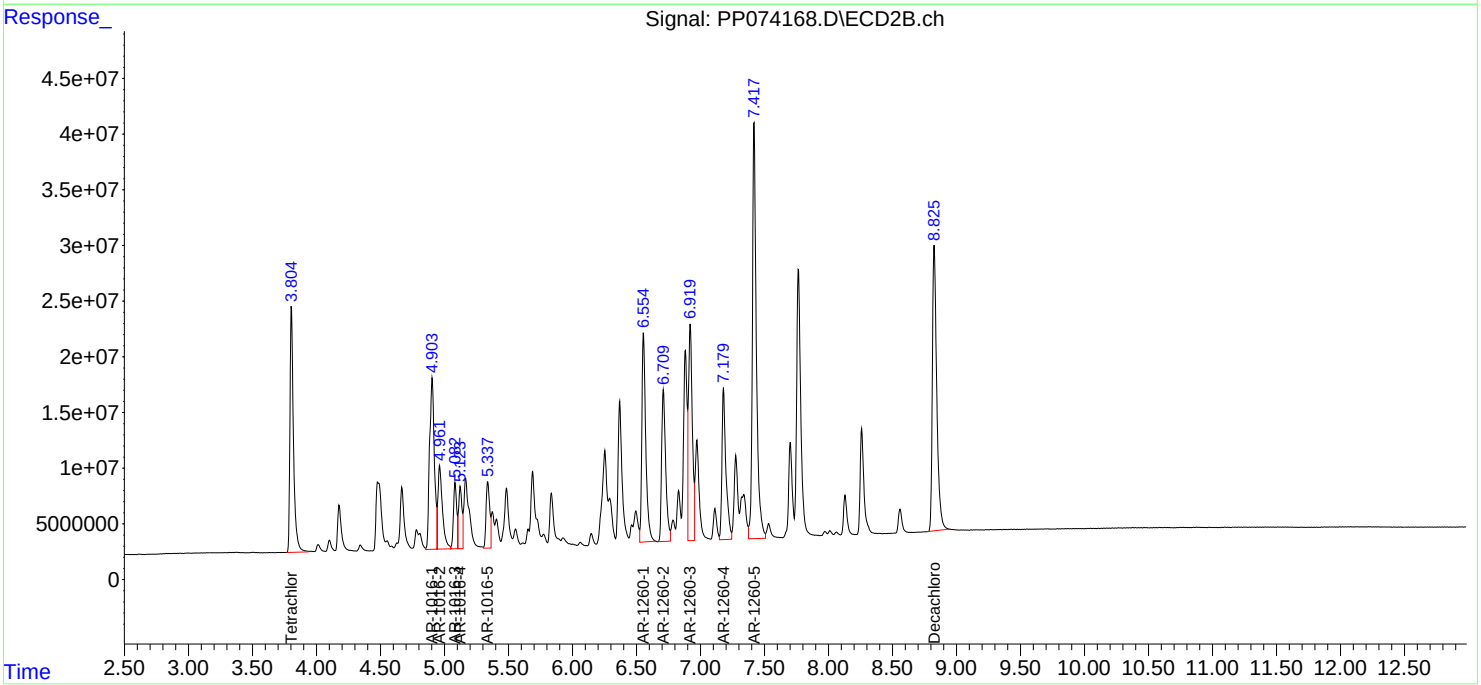
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:05
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

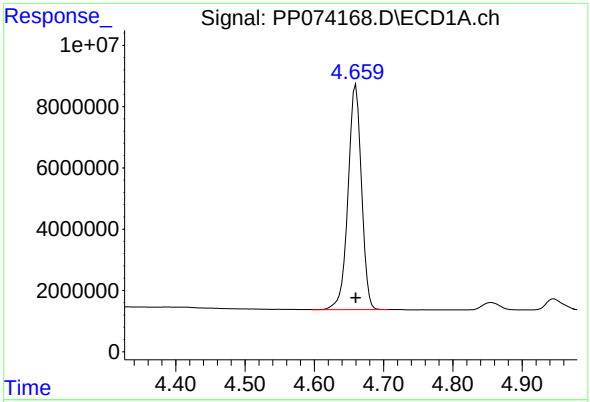
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

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



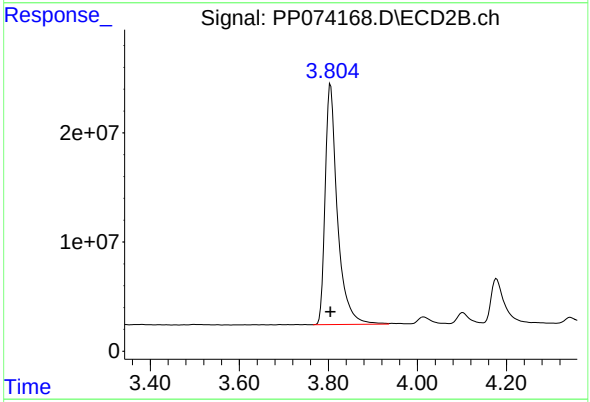




#1 Tetrachloro-m-xylene

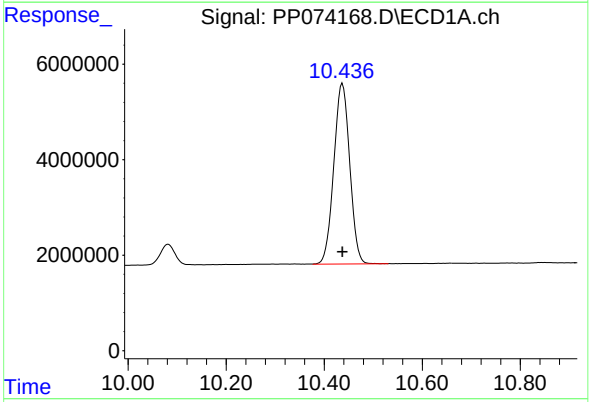
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 99458766
Conc: 96.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



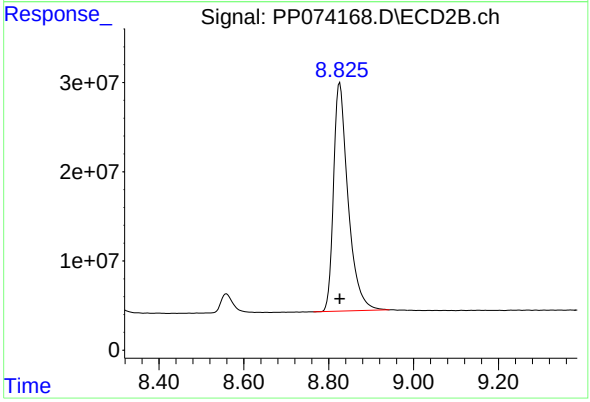
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 420474779
Conc: 102.53 ng/ml



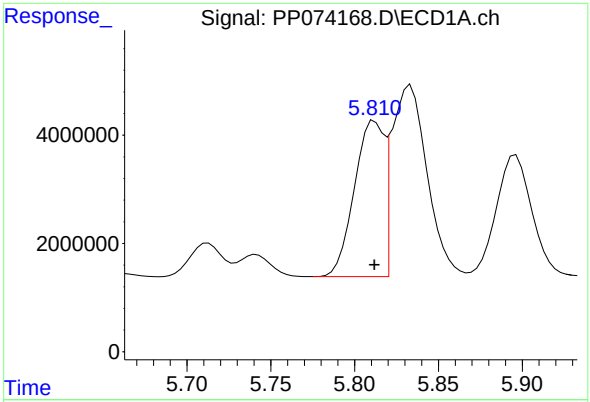
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 85243467
Conc: 95.09 ng/ml



#2 Decachlorobiphenyl

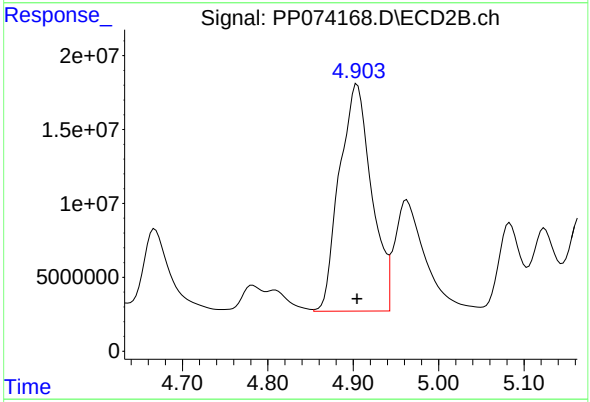
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 609108576
Conc: 100.22 ng/ml



#3 AR-1016-1

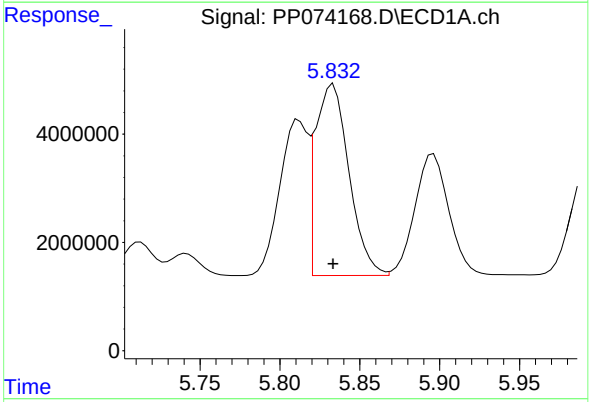
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 35273925
Conc: 948.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



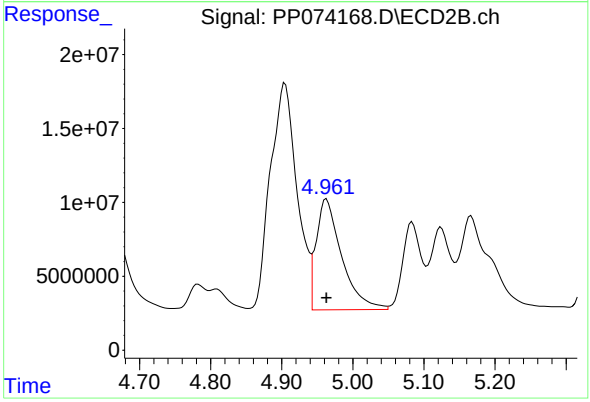
#3 AR-1016-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 401748995
Conc: 1002.29 ng/ml



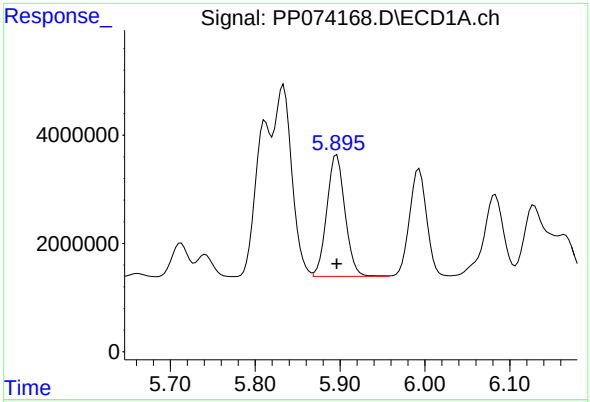
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 51795728
Conc: 940.52 ng/ml



#4 AR-1016-2

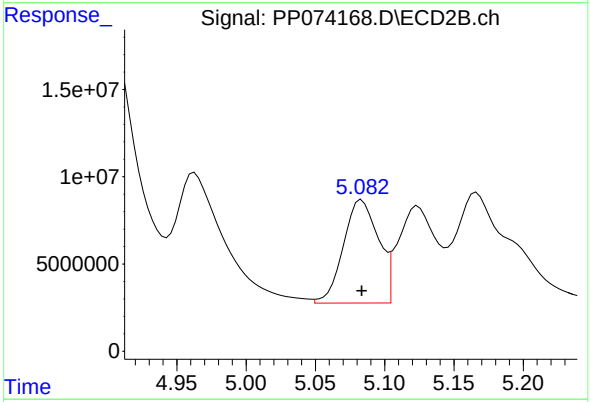
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 186854426
Conc: 998.07 ng/ml



#5 AR-1016-3

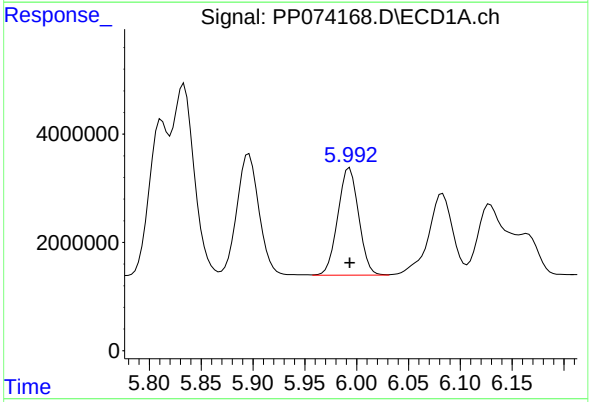
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 33422245
Conc: 937.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



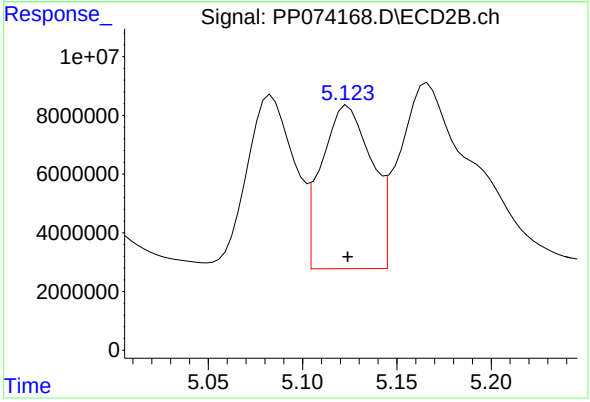
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 104048217
Conc: 990.41 ng/ml



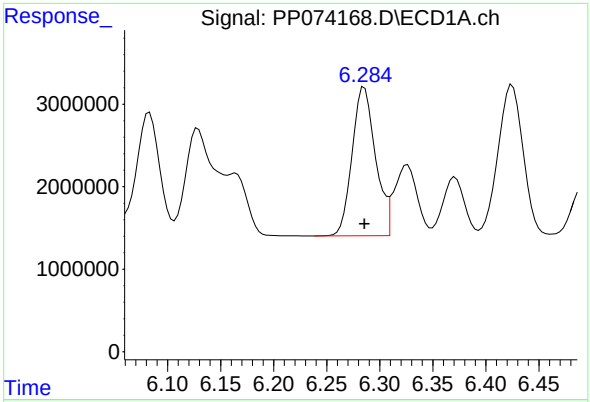
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 27792815
Conc: 937.67 ng/ml



#6 AR-1016-4

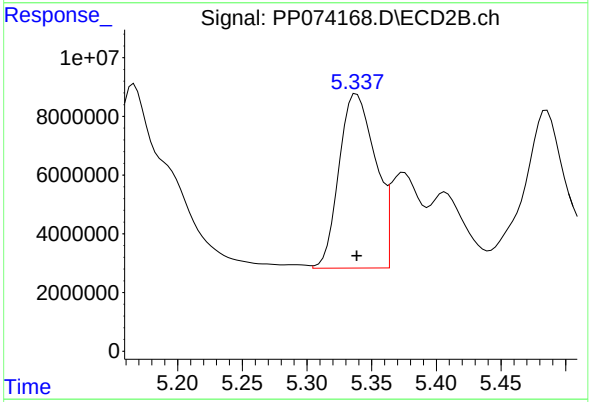
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 102945349
Conc: 961.95 ng/ml



#7 AR-1016-5

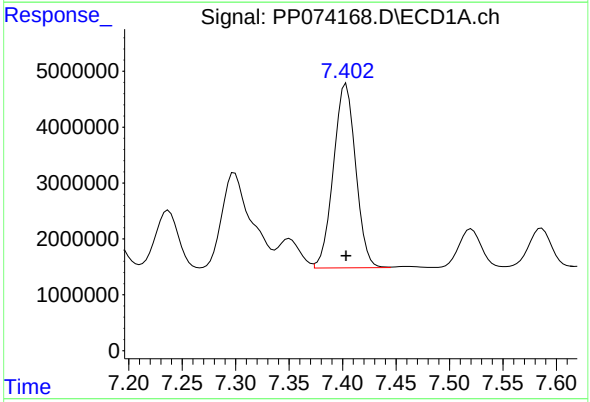
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27690329
Conc: 936.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



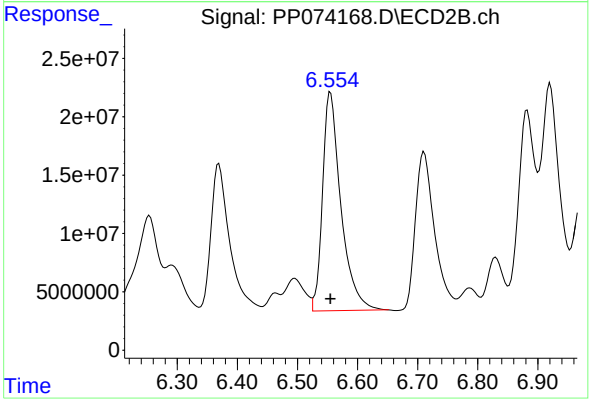
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 116097268
Conc: 989.15 ng/ml



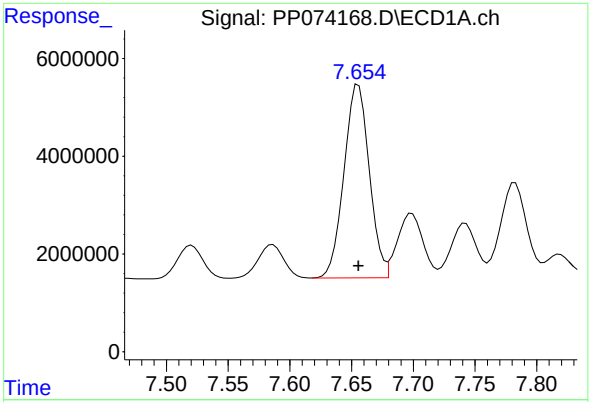
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 47709498
Conc: 936.84 ng/ml



#31 AR-1260-1

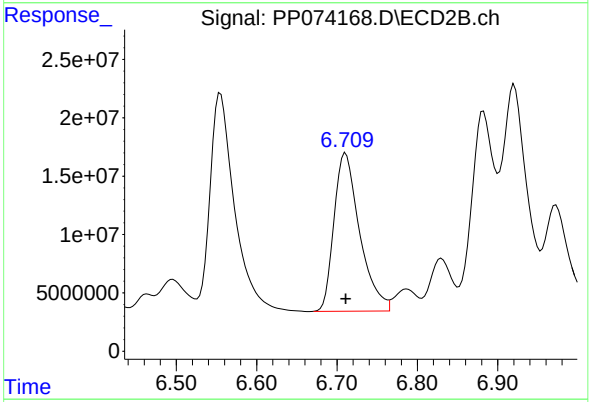
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 398303416
Conc: 990.77 ng/ml



#32 AR-1260-2

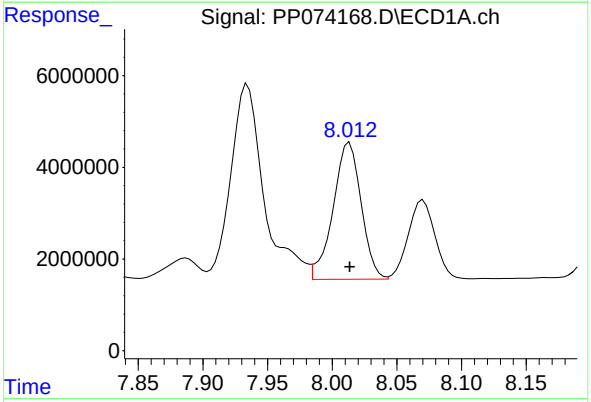
R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 56508230
Conc: 938.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



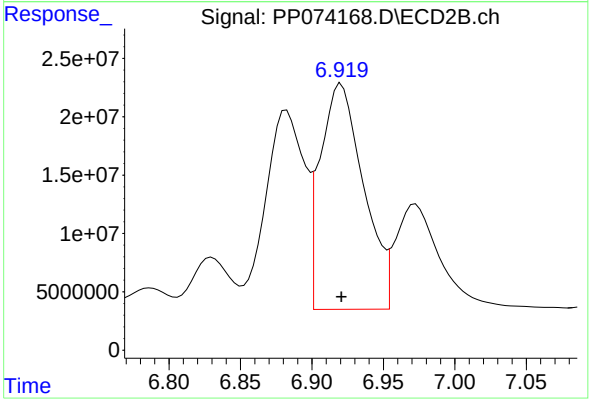
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 301304557
Conc: 988.58 ng/ml



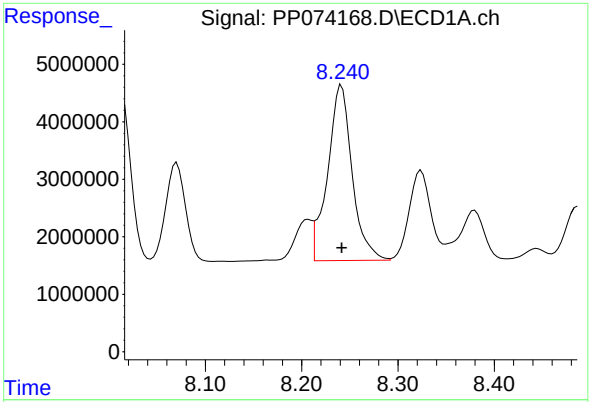
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 45067030
Conc: 941.66 ng/ml



#33 AR-1260-3

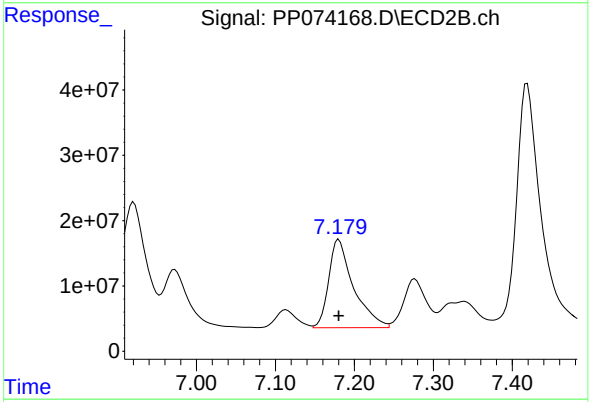
R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 408378449
Conc: 1005.30 ng/ml



#34 AR-1260-4

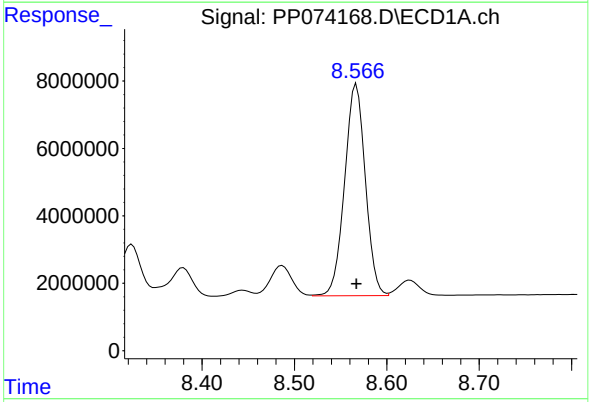
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 54035441
Conc: 945.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



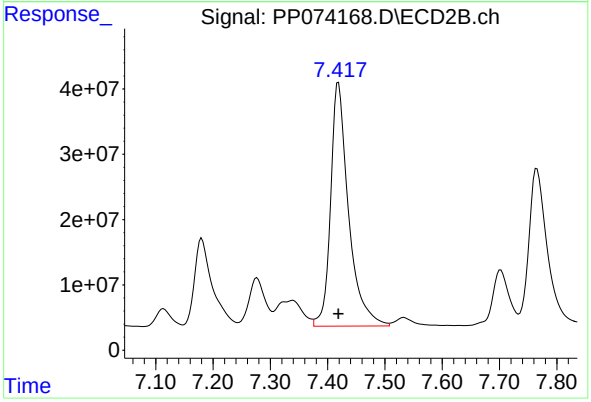
#34 AR-1260-4

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.

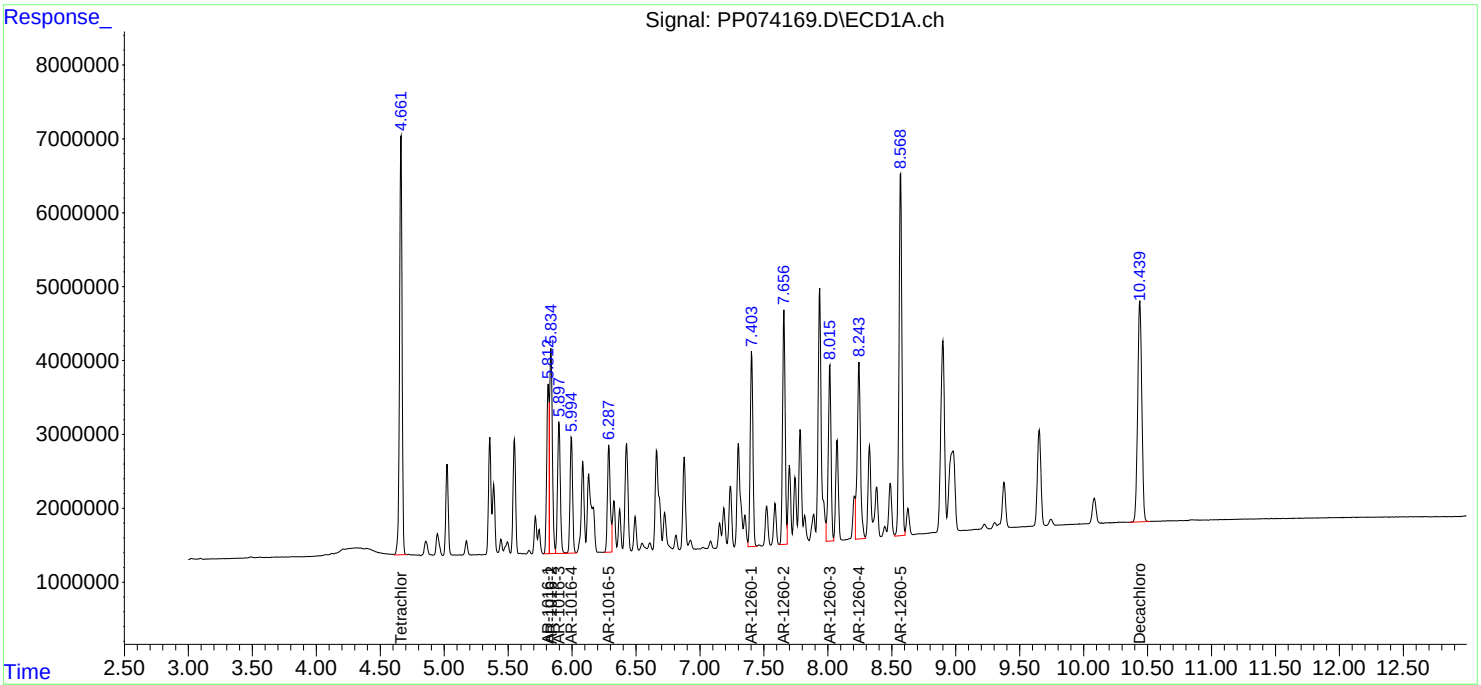
ICAL Form

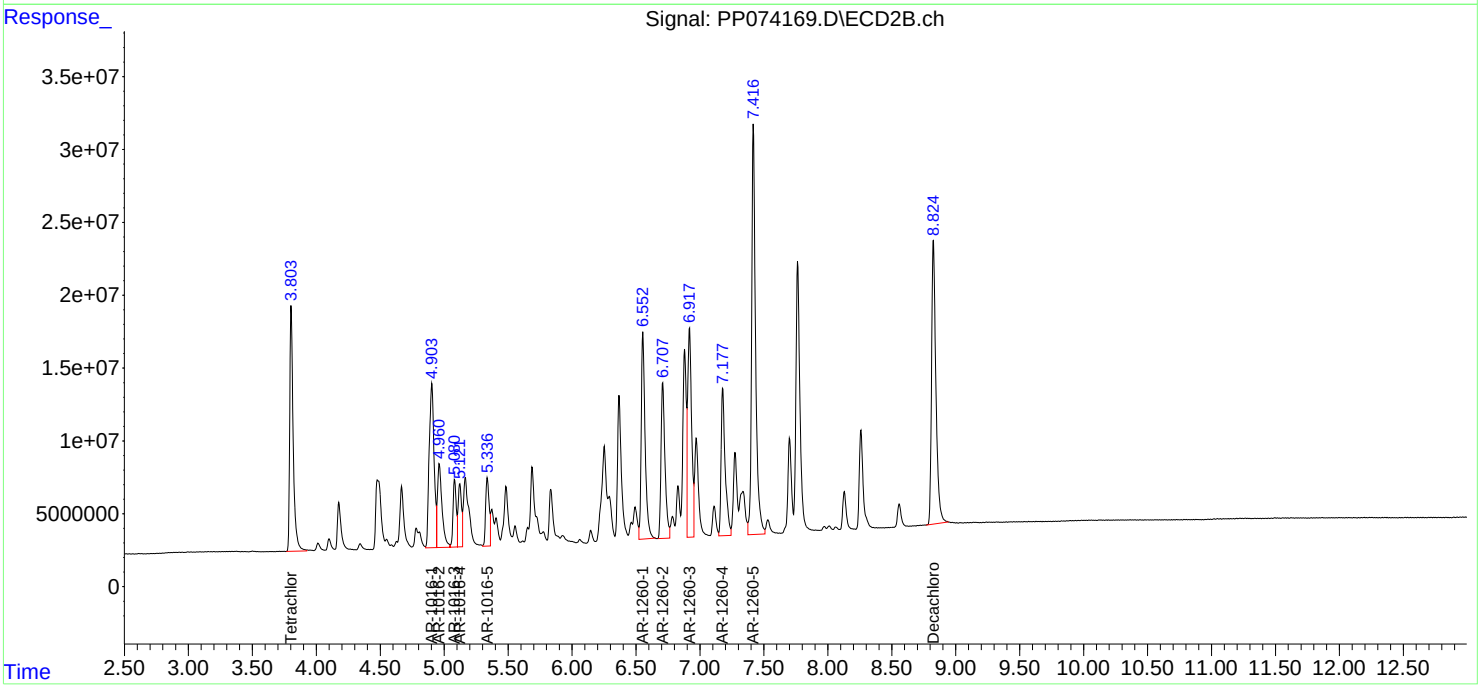
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

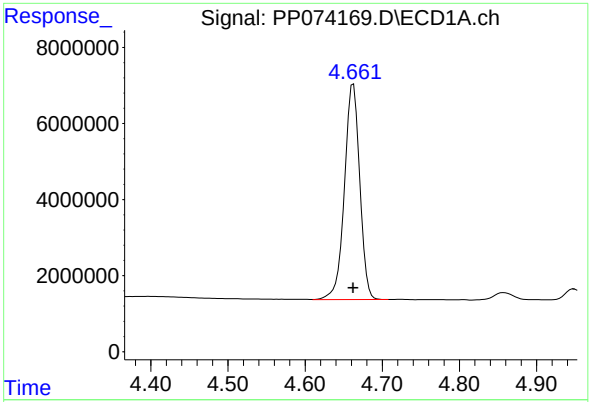
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

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



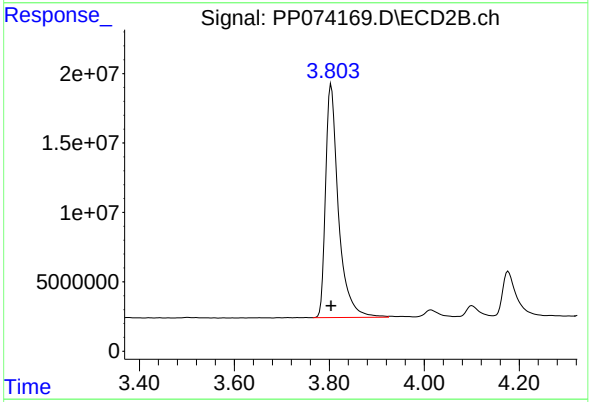




#1 Tetrachloro-m-xylene

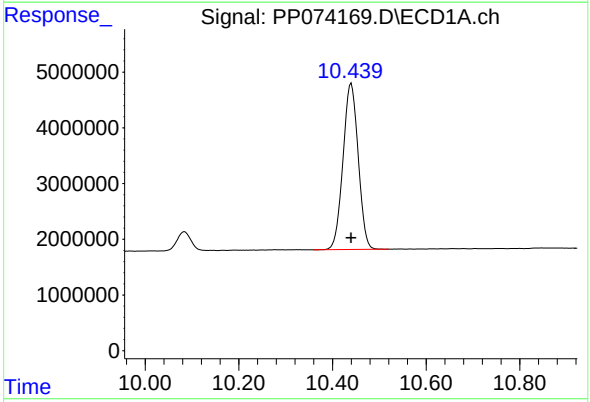
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 77897765
Conc: 75.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



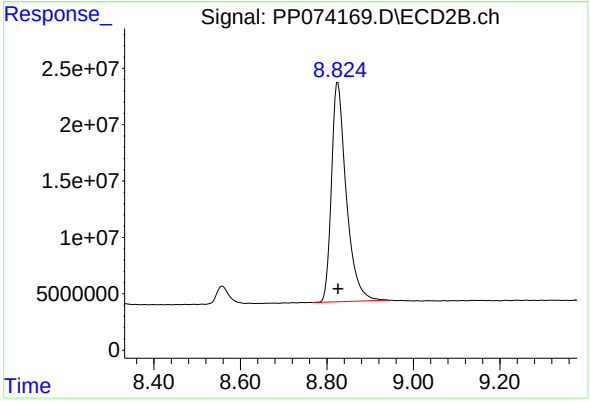
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 315712997
Conc: 76.31 ng/ml



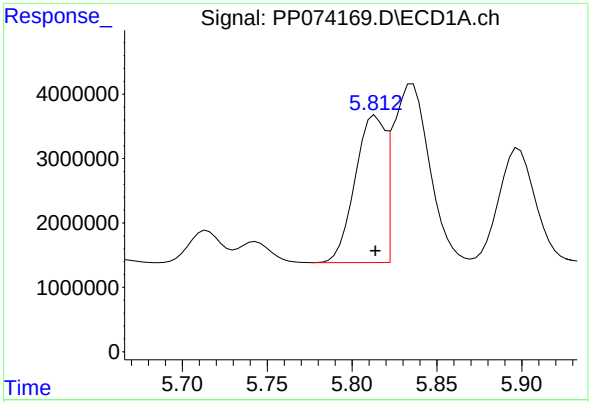
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.000 min
Response: 67100934
Conc: 74.90 ng/ml



#2 Decachlorobiphenyl

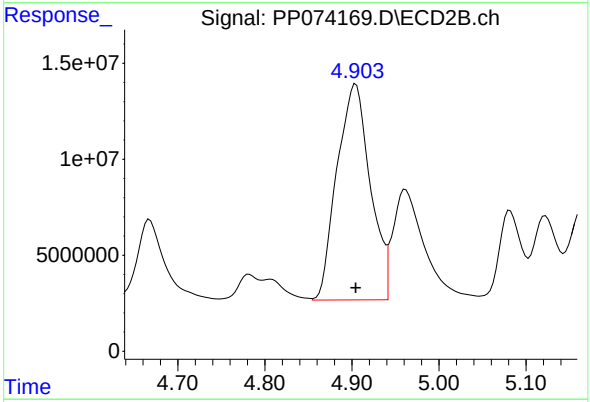
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 460912386
Conc: 75.55 ng/ml



#3 AR-1016-1

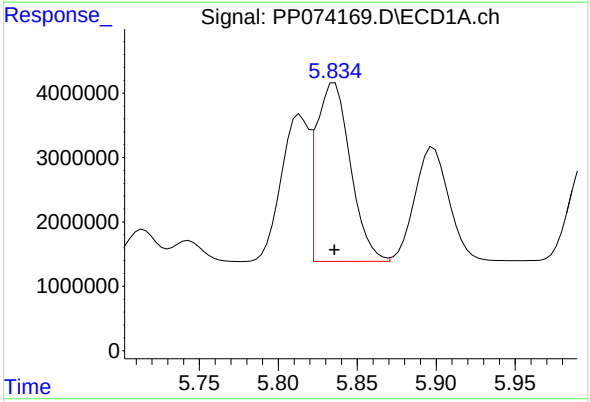
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 28067752
Conc: 753.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



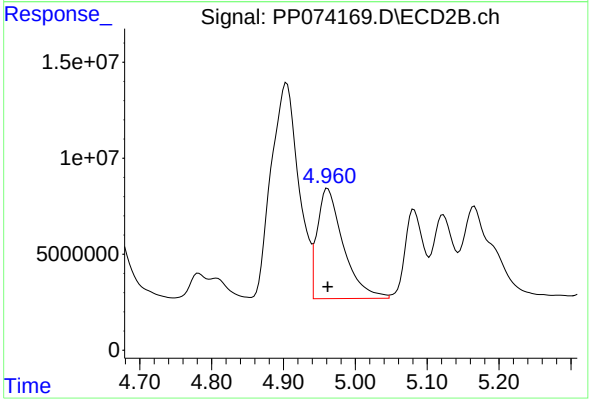
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 299118456
Conc: 747.49 ng/ml



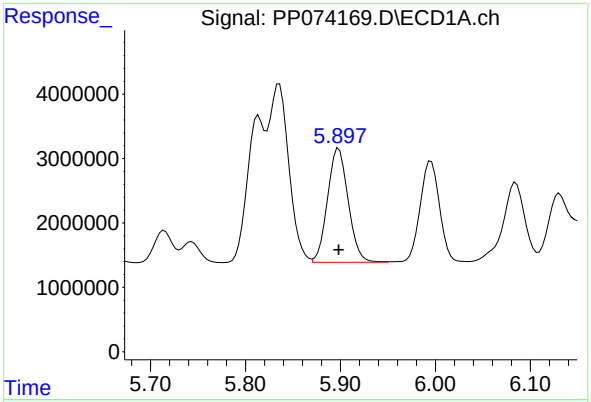
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 41399345
Conc: 751.16 ng/ml



#4 AR-1016-2

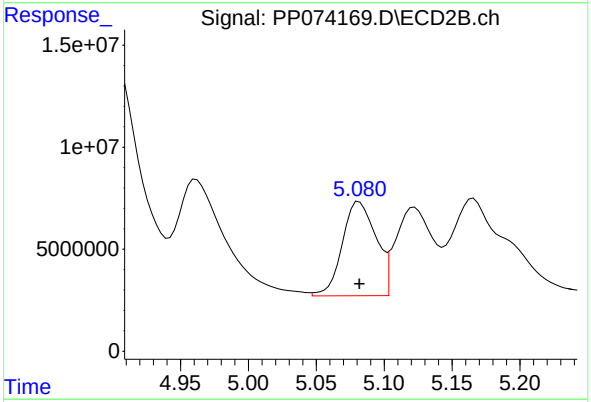
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 144371644
Conc: 763.97 ng/ml



#5 AR-1016-3

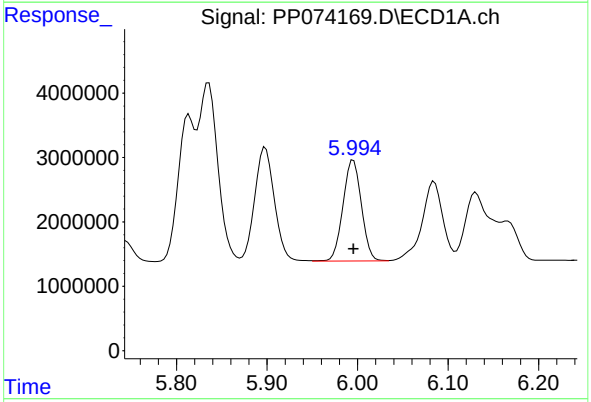
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 26764173
Conc: 750.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



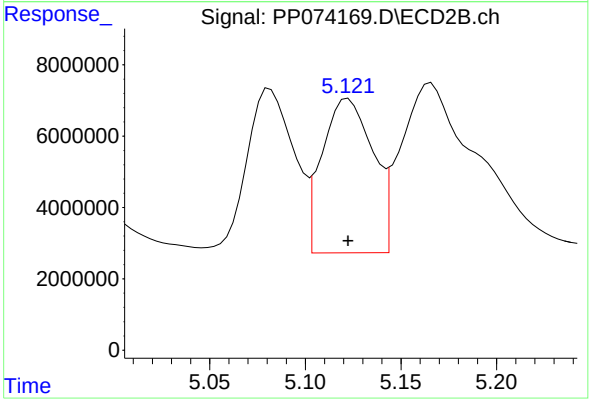
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 79935245
Conc: 757.22 ng/ml



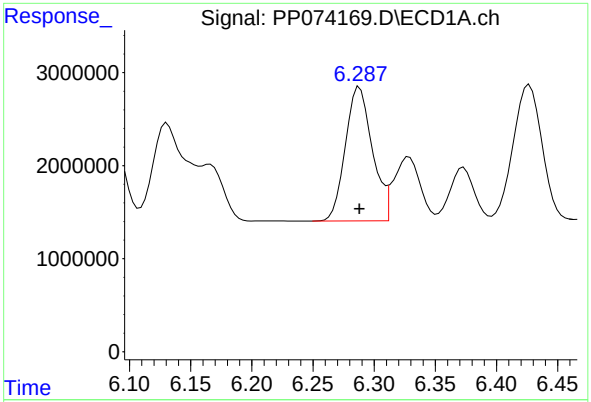
#6 AR-1016-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 22190171
Conc: 749.10 ng/ml



#6 AR-1016-4

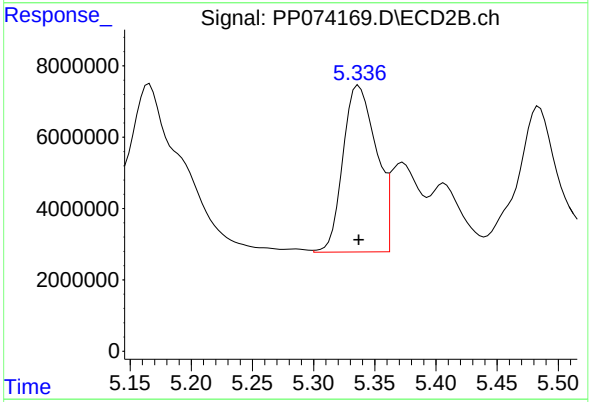
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 79932125
Conc: 747.94 ng/ml



#7 AR-1016-5

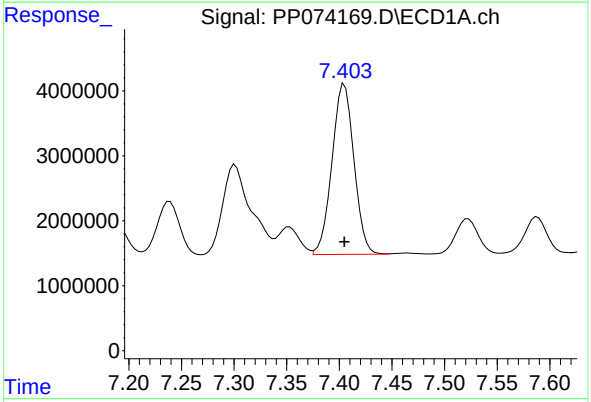
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 22087671
Conc: 748.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



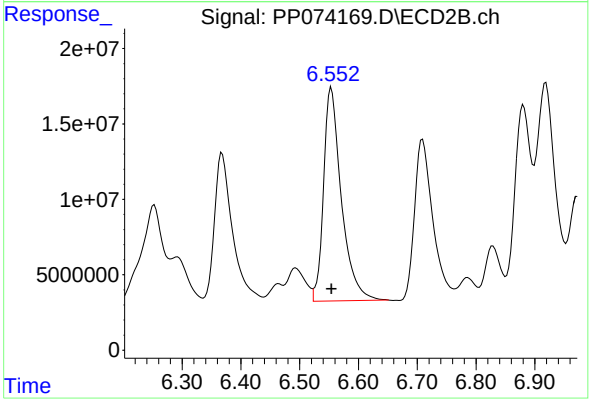
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 88549883
Conc: 752.96 ng/ml



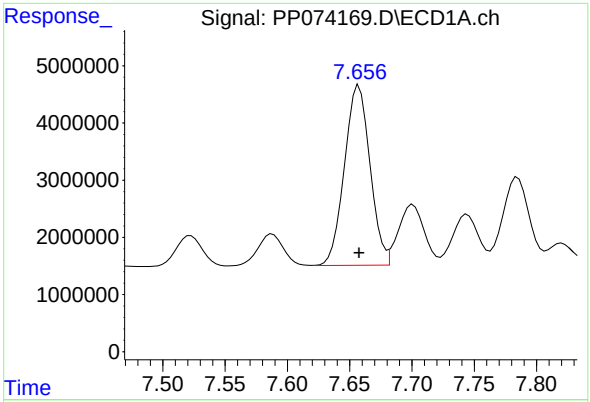
#31 AR-1260-1

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 38166506
Conc: 749.63 ng/ml



#31 AR-1260-1

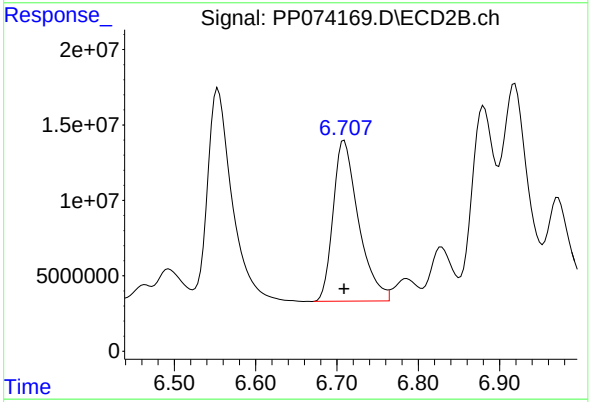
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 298083093
Conc: 744.29 ng/ml



#32 AR-1260-2

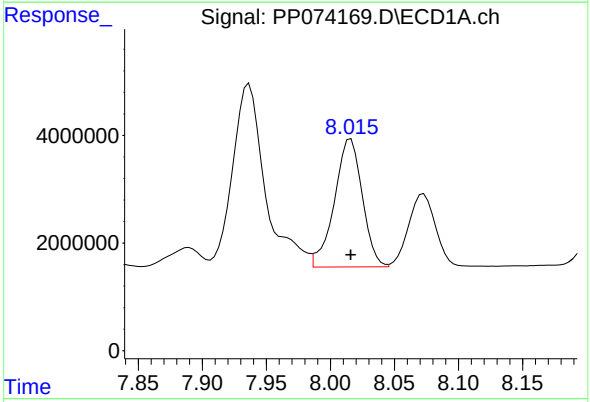
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 45125165
Conc: 749.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



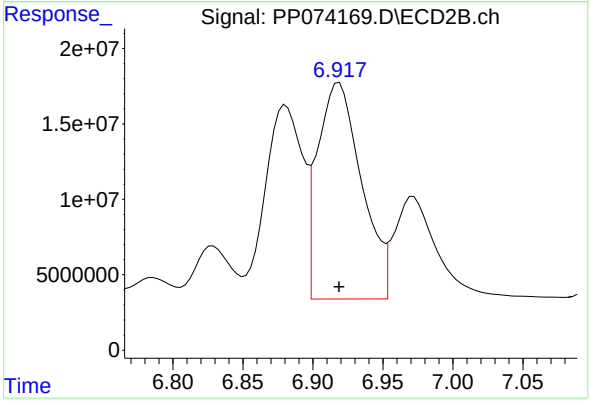
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 231118644
Conc: 755.51 ng/ml



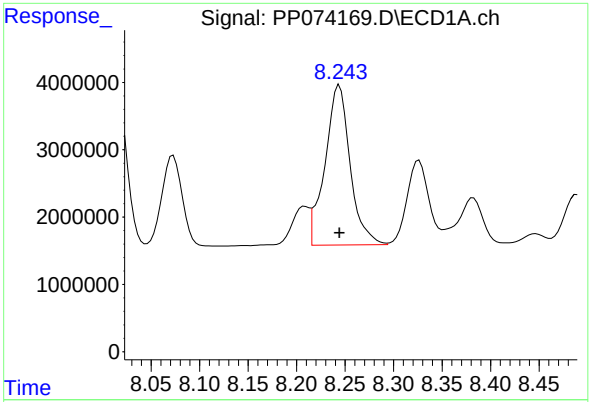
#33 AR-1260-3

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 36092346
Conc: 752.76 ng/ml



#33 AR-1260-3

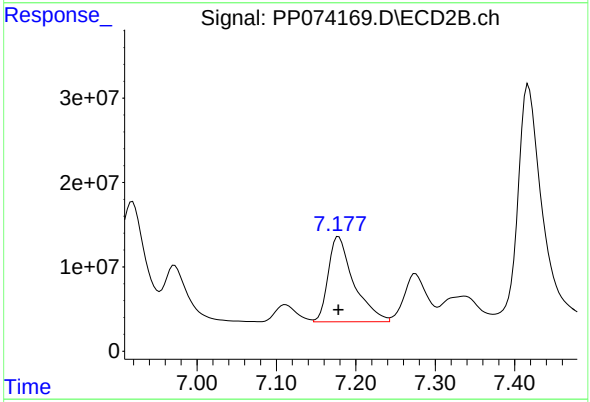
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 313202341
Conc: 763.88 ng/ml



#34 AR-1260-4

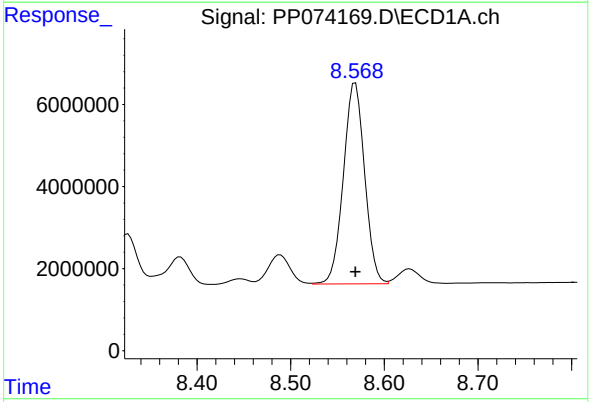
R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 42799948
Conc: 749.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



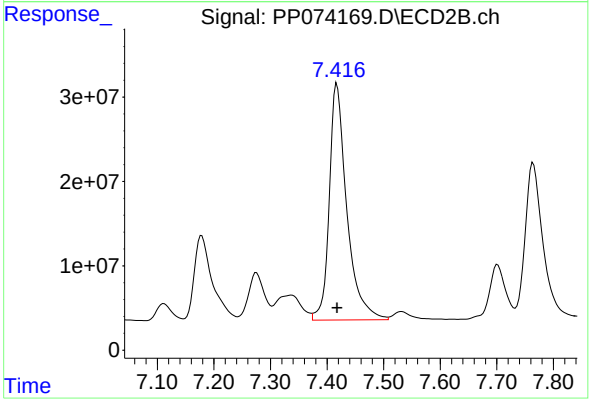
#34 AR-1260-4

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.

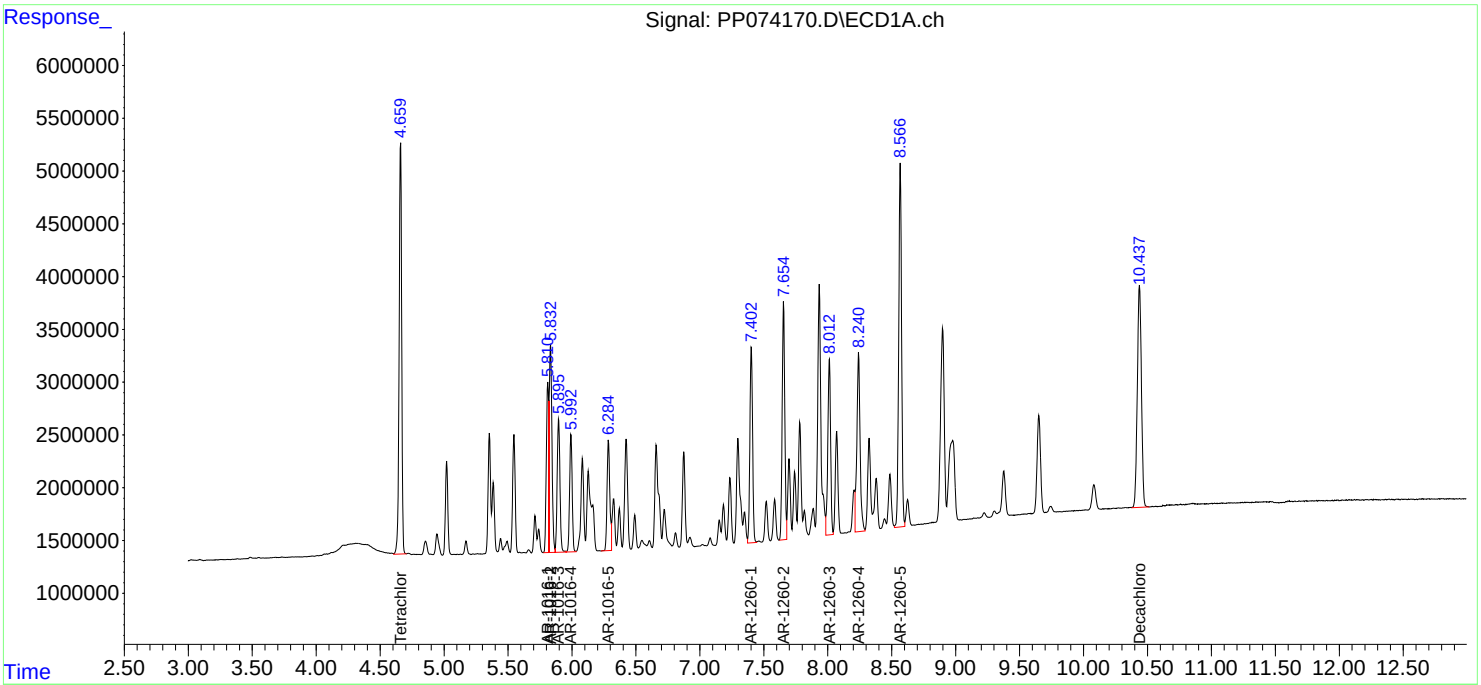
ICAL Form

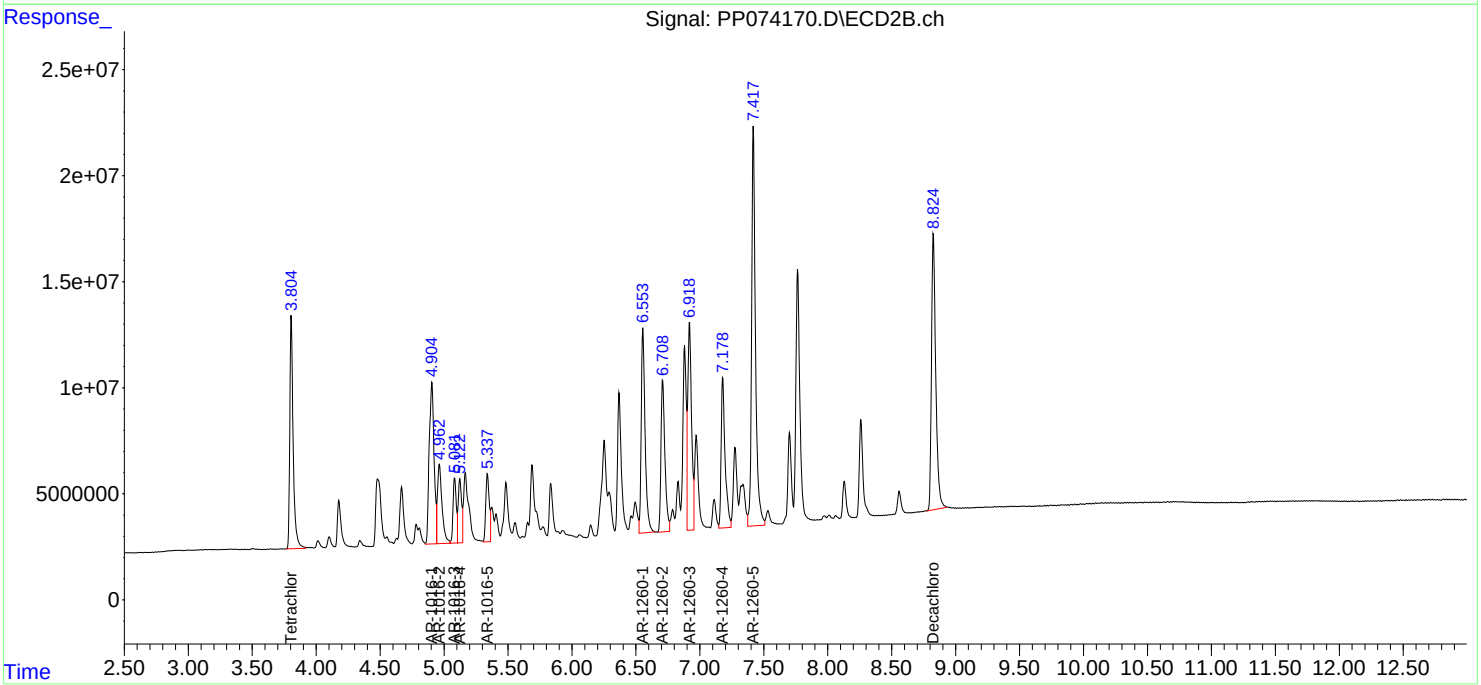
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

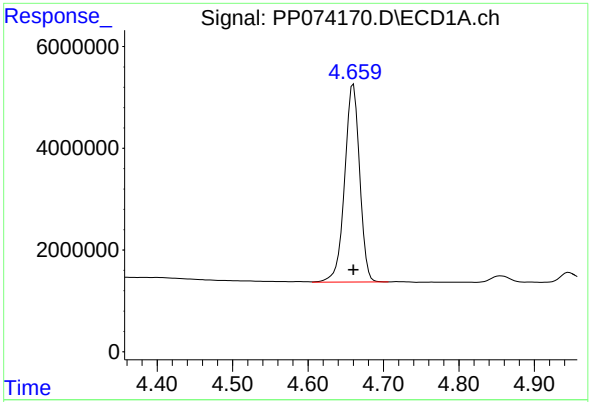
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

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



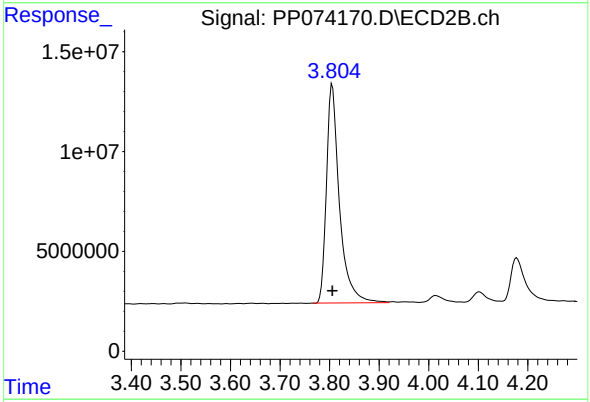




#1 Tetrachloro-m-xylene

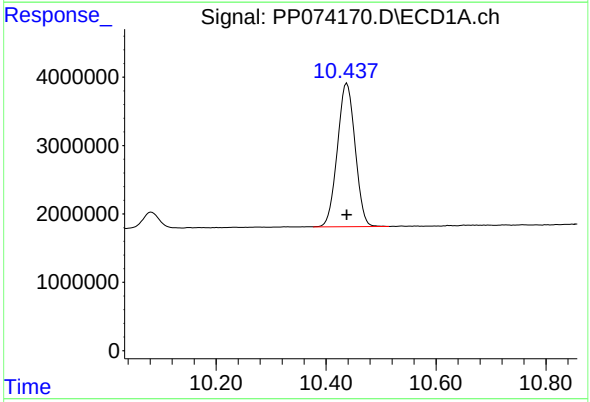
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 53802576
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



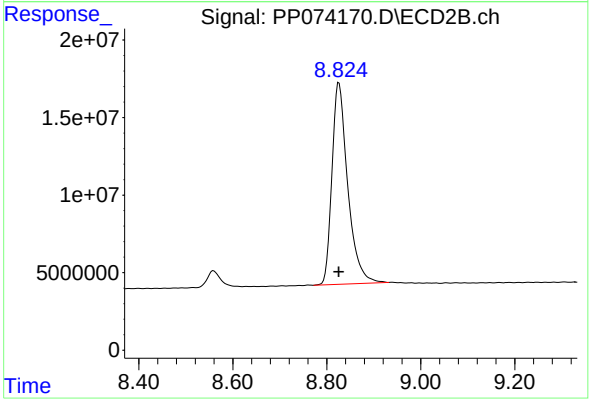
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 199858395
Conc: 50.00 ng/ml



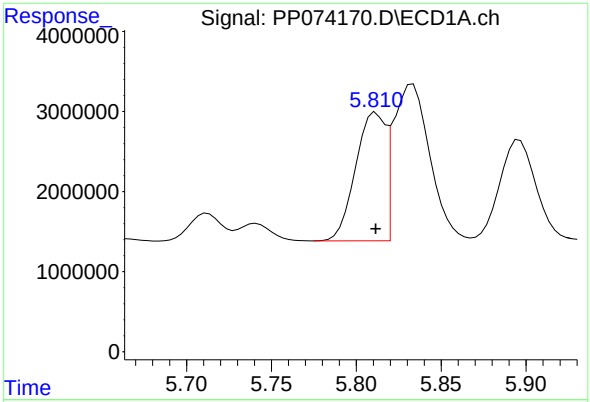
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 47022042
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

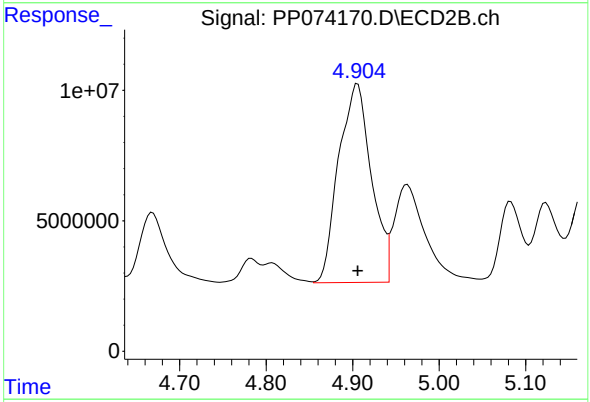
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 303238754
Conc: 50.00 ng/ml



#3 AR-1016-1

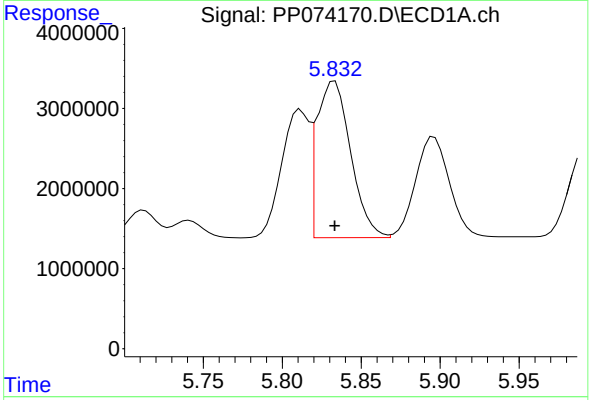
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 19556469
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



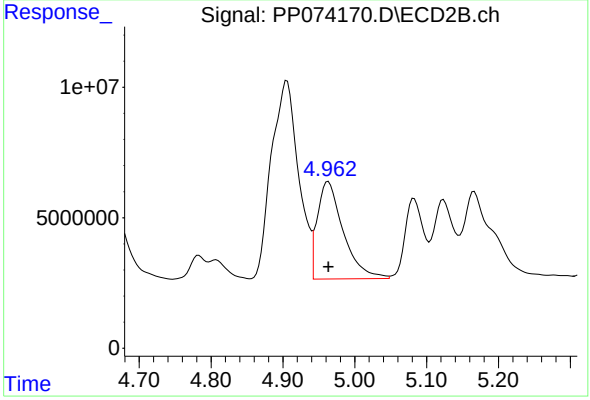
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 199956180
Conc: 500.00 ng/ml



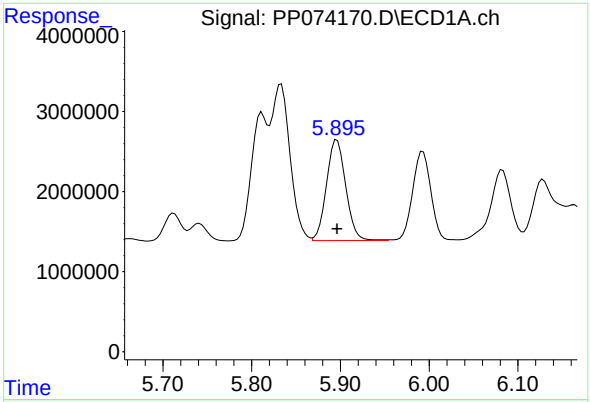
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 29173644
Conc: 500.00 ng/ml



#4 AR-1016-2

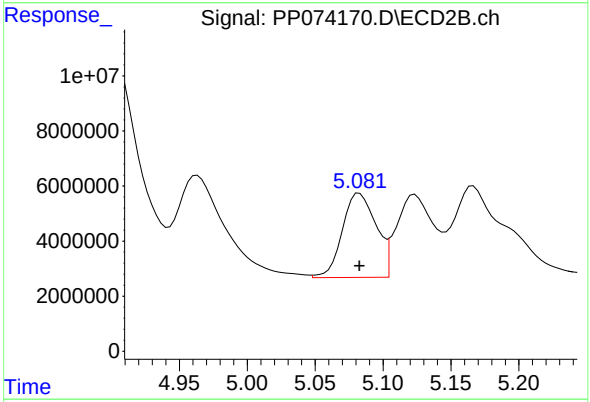
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 93788708
Conc: 500.00 ng/ml



#5 AR-1016-3

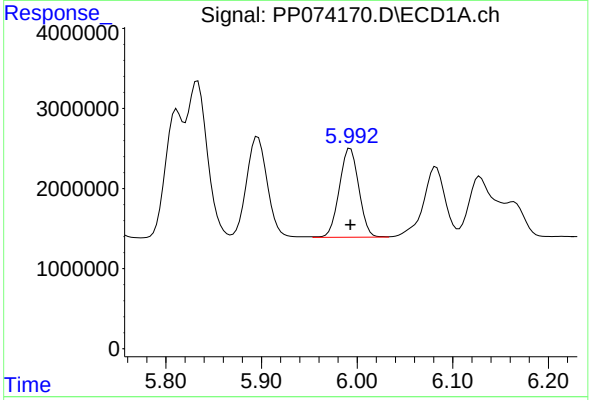
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 18934969
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



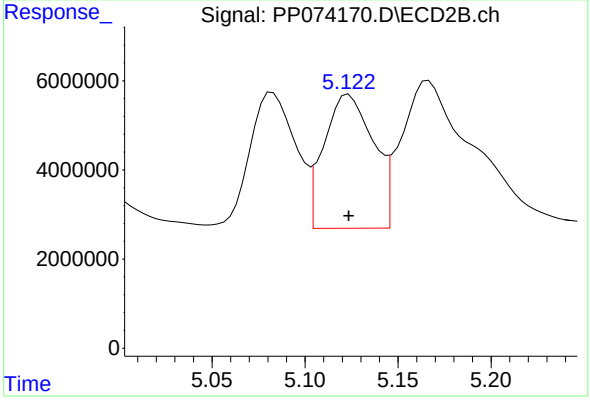
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 53031224
Conc: 500.00 ng/ml



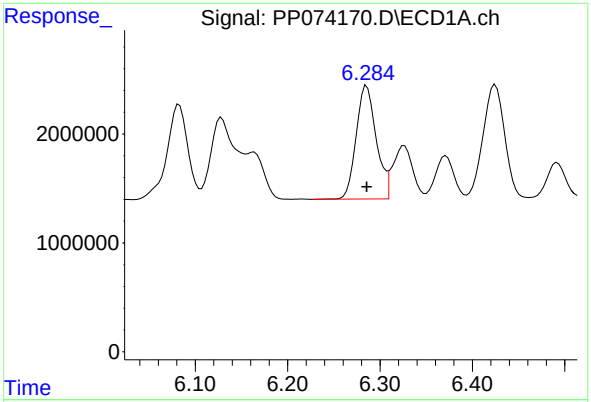
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 15743832
Conc: 500.00 ng/ml



#6 AR-1016-4

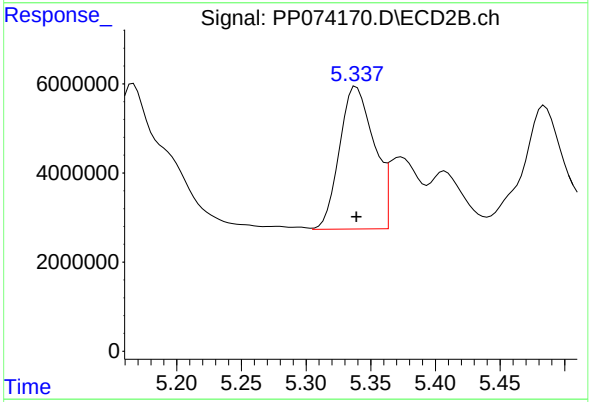
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 55544690
Conc: 500.00 ng/ml



#7 AR-1016-5

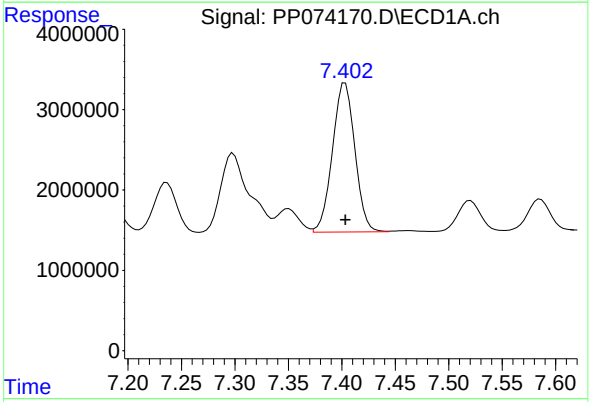
R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 15720965
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



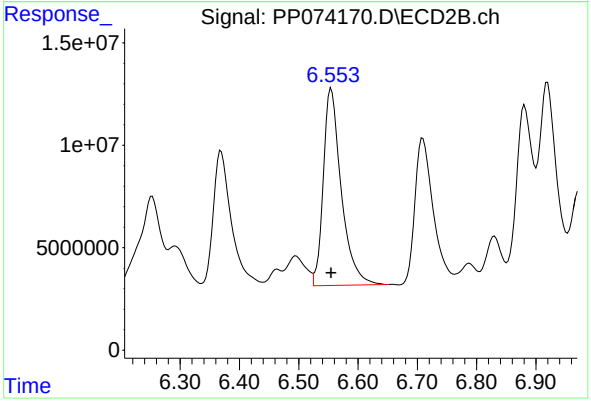
#7 AR-1016-5

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 59321598
Conc: 500.00 ng/ml



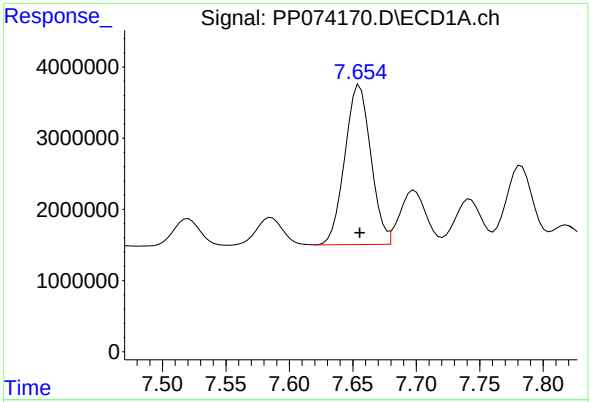
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 27071230
Conc: 500.00 ng/ml



#31 AR-1260-1

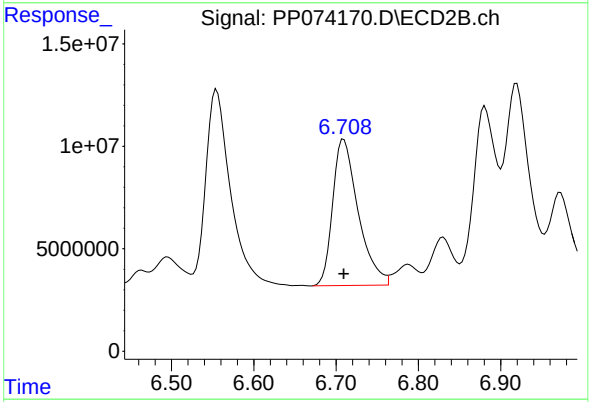
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 202862910
Conc: 500.00 ng/ml



#32 AR-1260-2

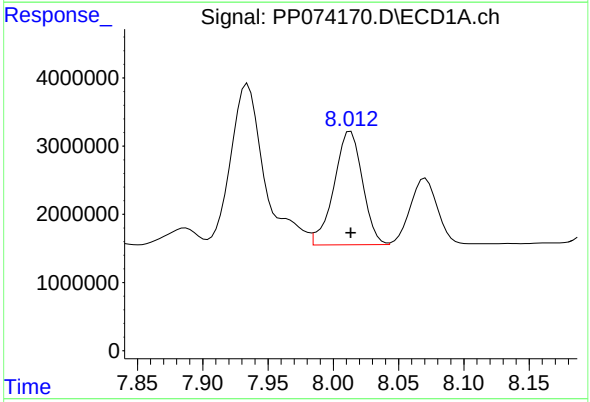
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 31956798
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



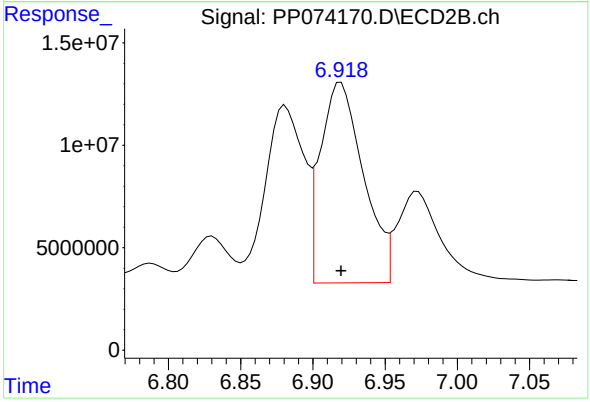
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 154133075
Conc: 500.00 ng/ml



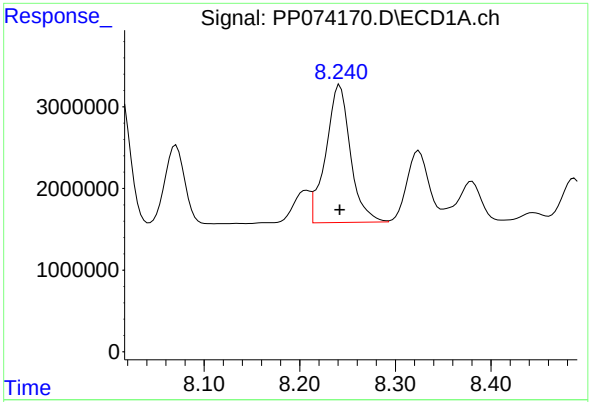
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 25325364
Conc: 500.00 ng/ml



#33 AR-1260-3

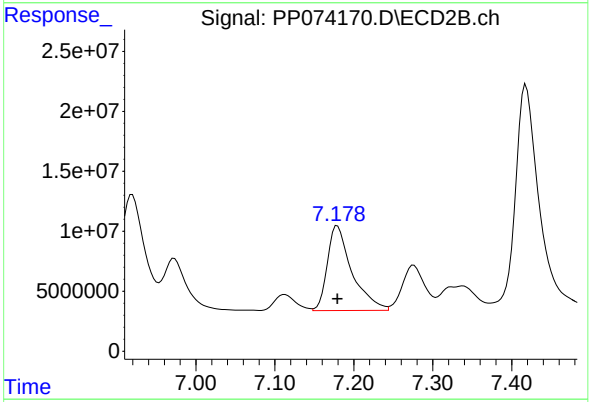
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 202034308
Conc: 500.00 ng/ml



#34 AR-1260-4

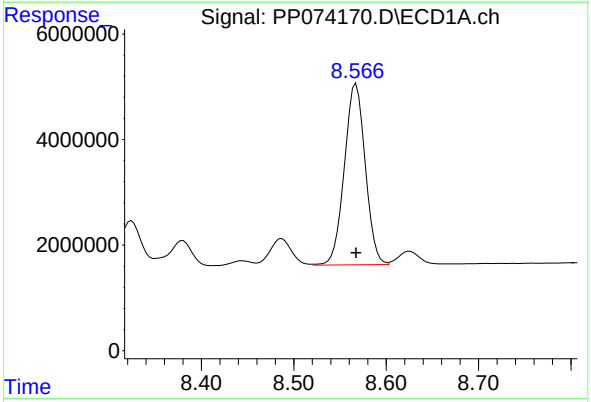
R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 30132251
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



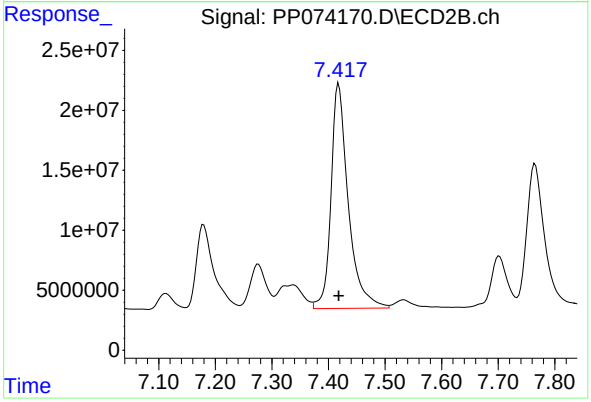
#34 AR-1260-4

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 08/05/2025

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

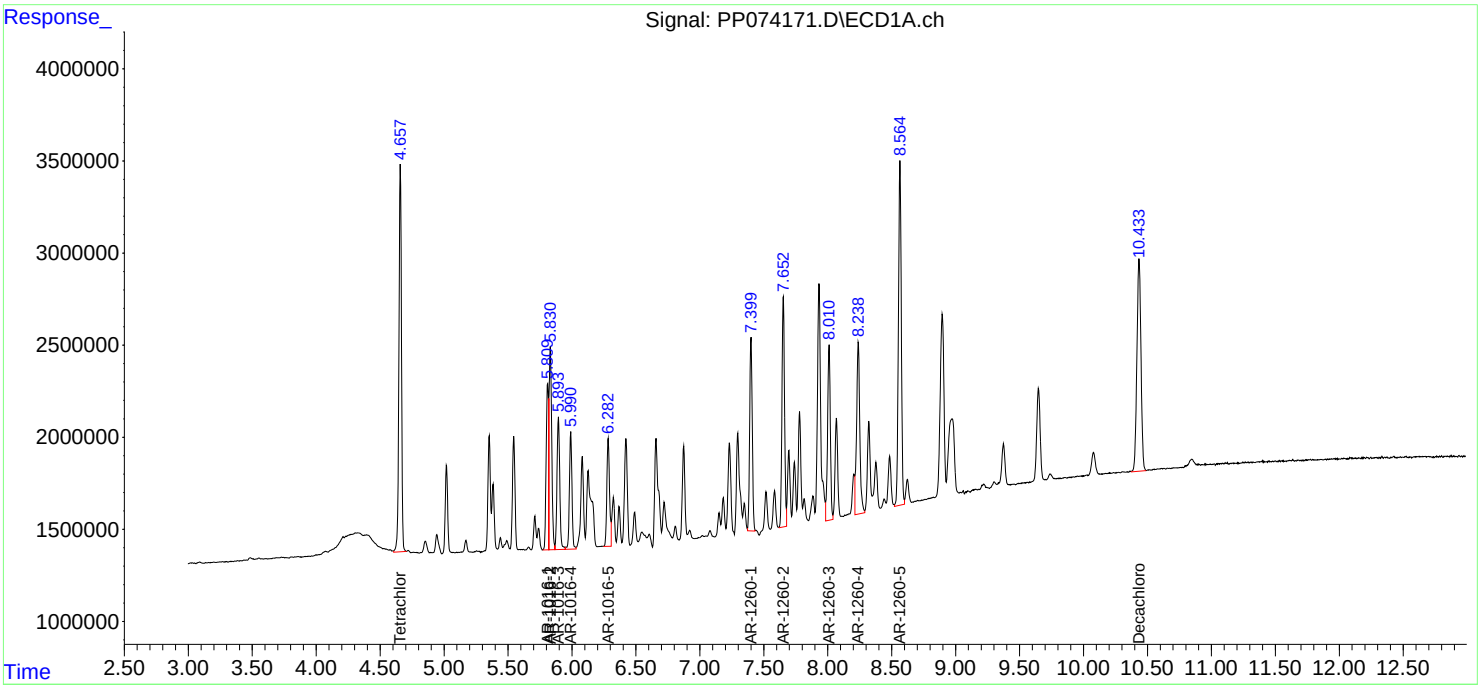
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

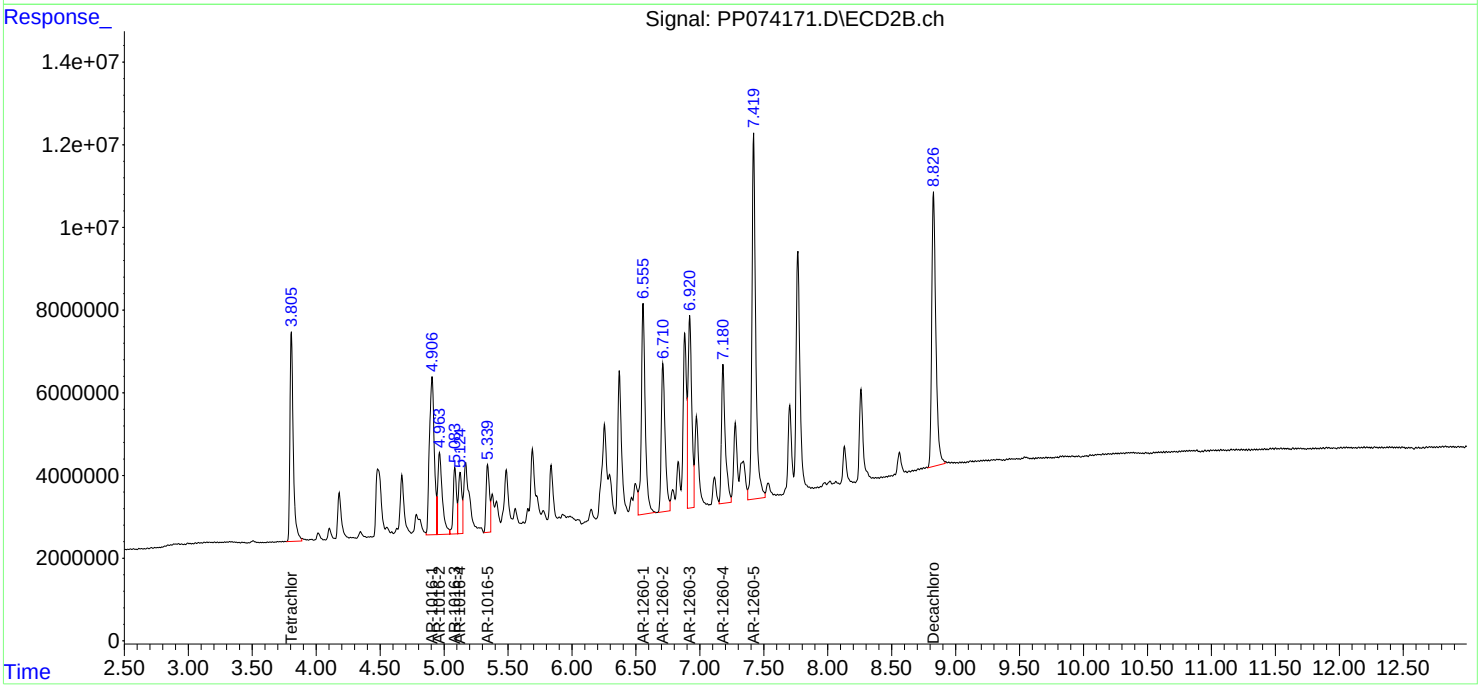
Manual Integrations APPROVED

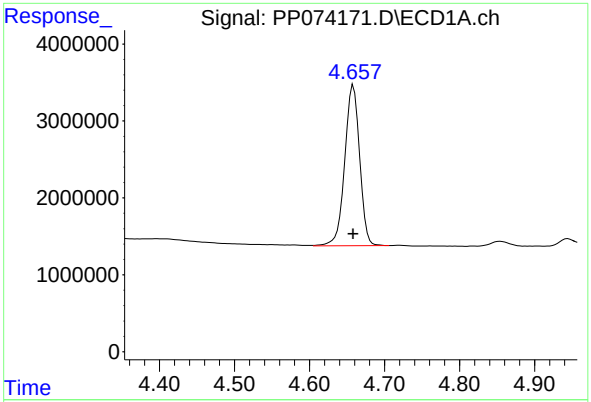
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







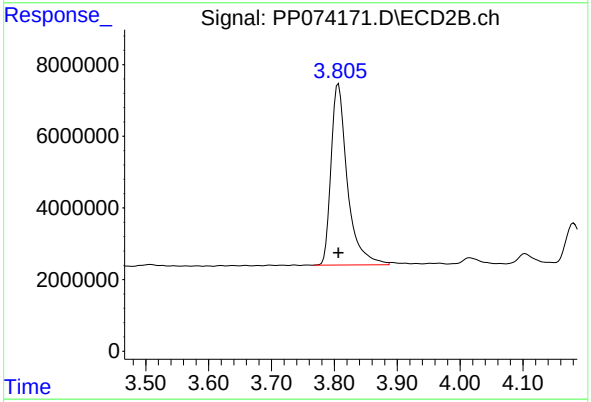
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

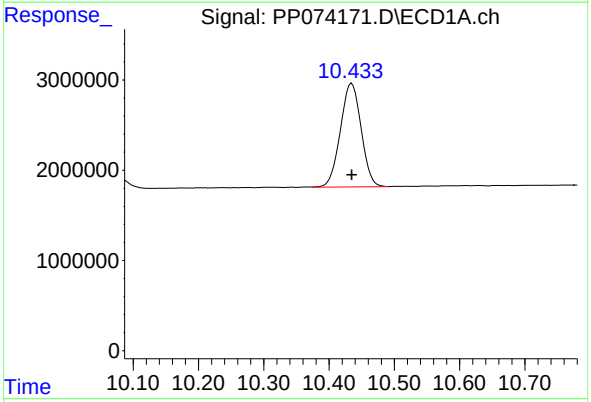
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



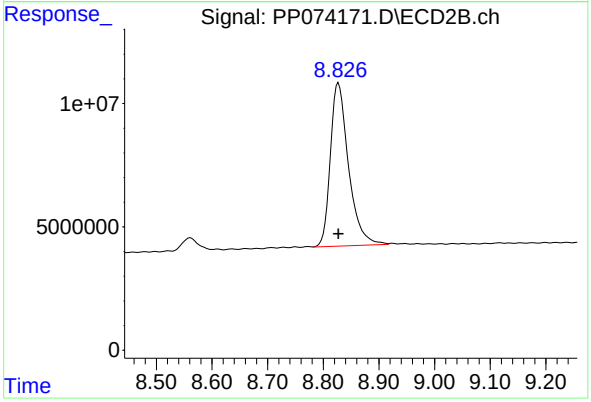
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



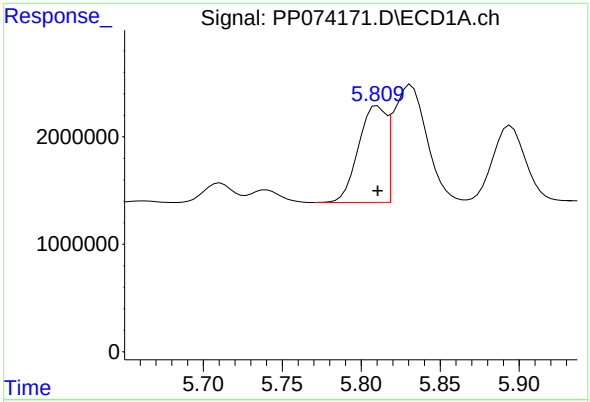
#2 Decachlorobiphenyl

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



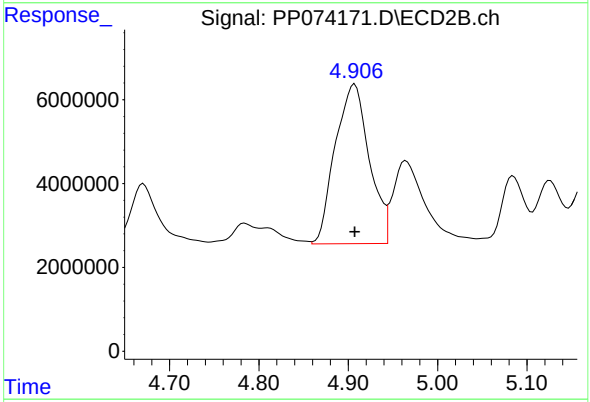
#3 AR-1016-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

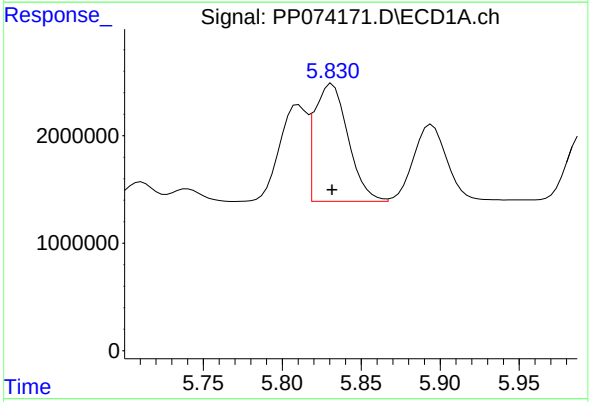
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



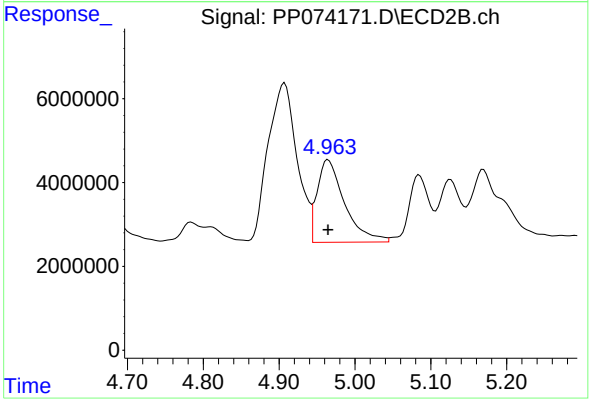
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml



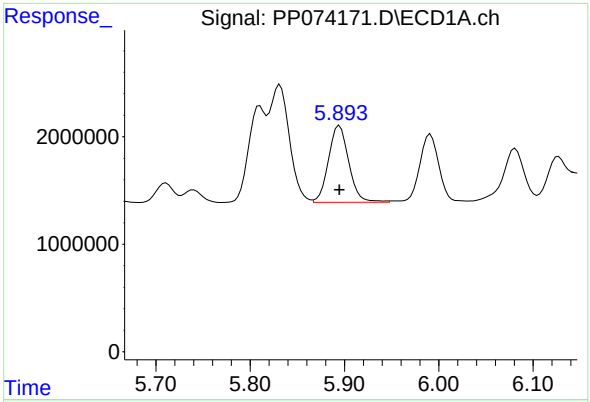
#4 AR-1016-2

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



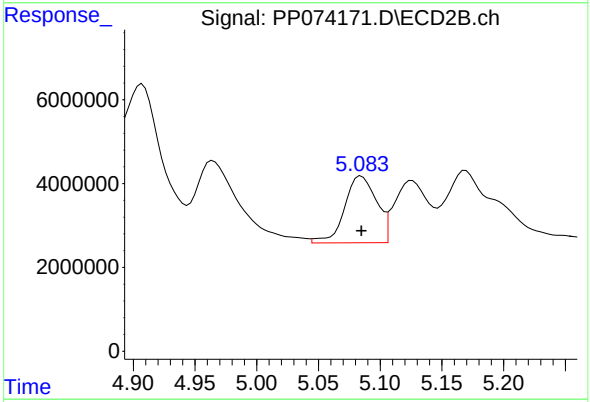
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

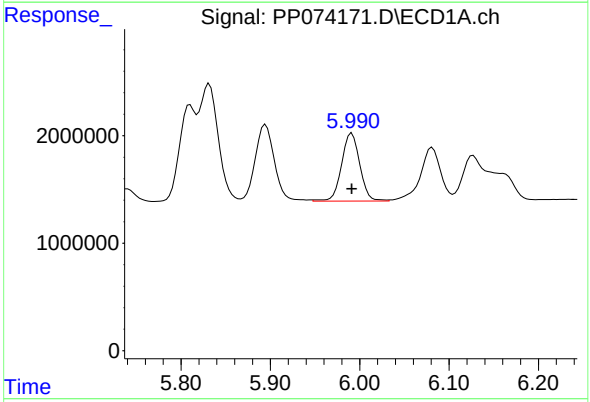
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



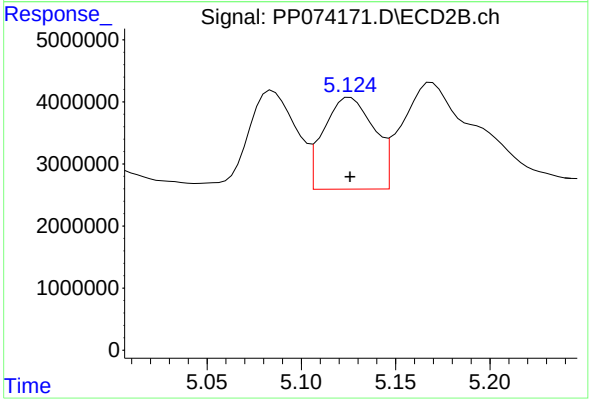
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml



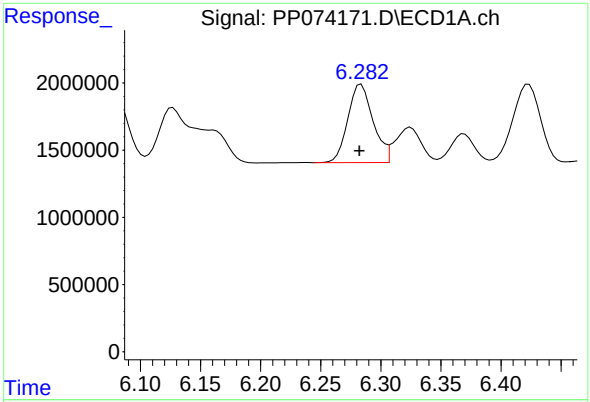
#6 AR-1016-4

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



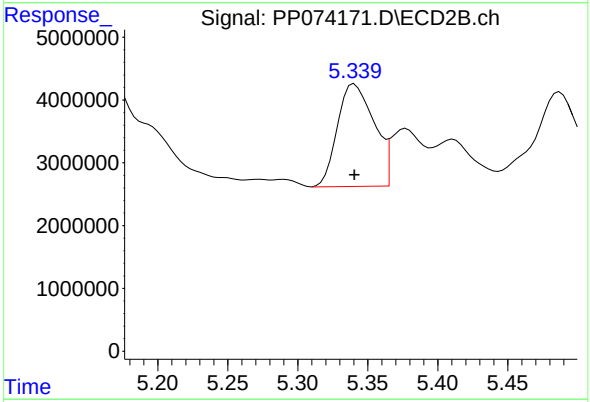
#7 AR-1016-5

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 8901636
Conc: 287.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

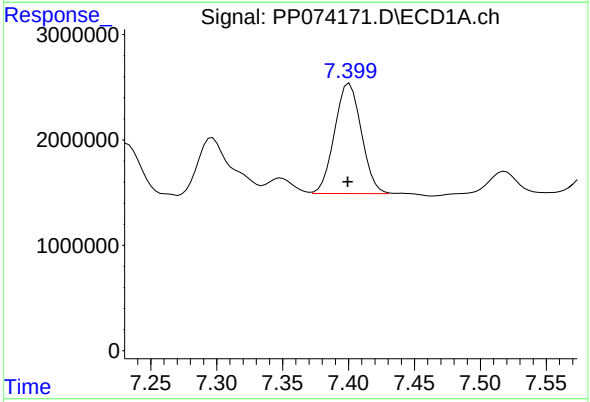
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



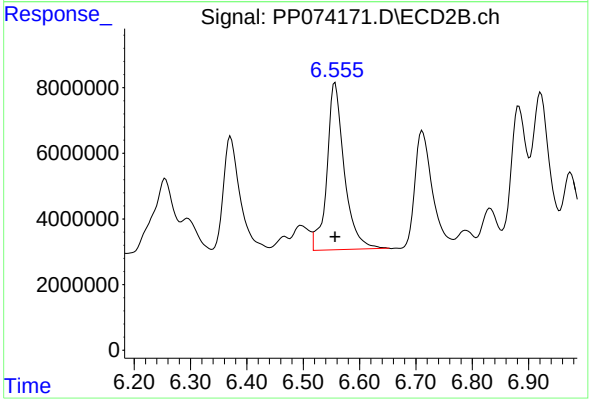
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



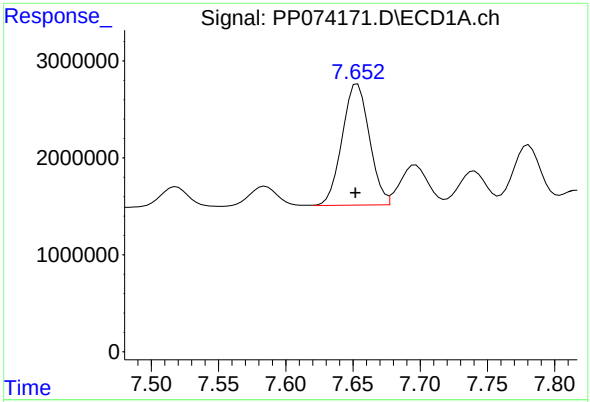
#31 AR-1260-1

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



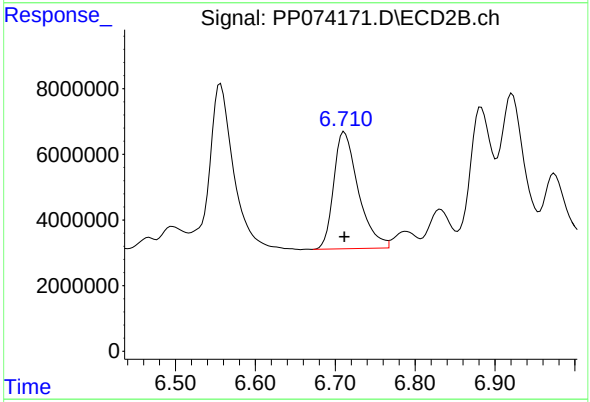
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 17850337
Conc: 284.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

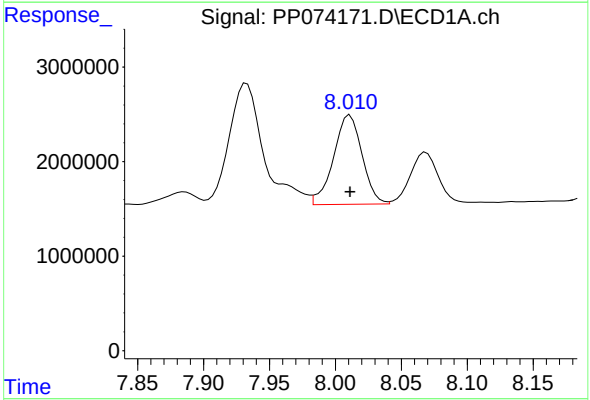
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



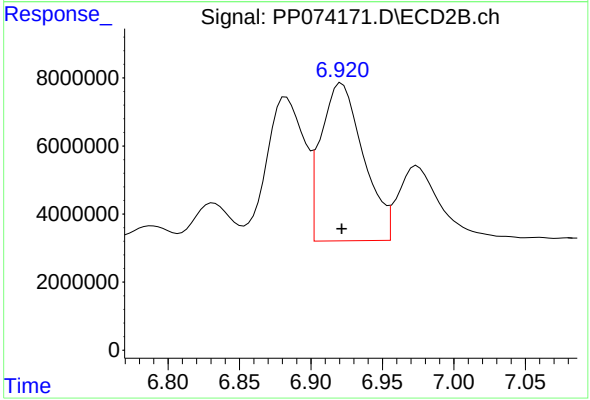
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



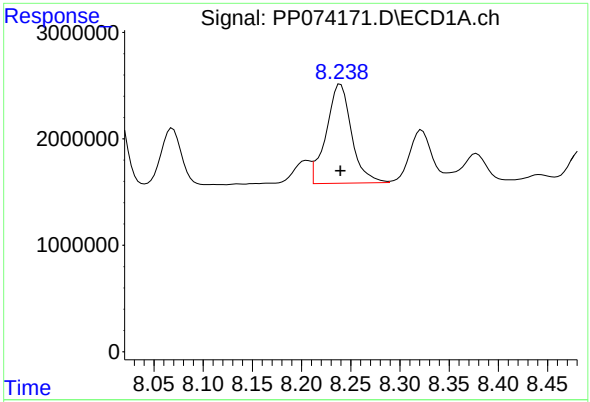
#33 AR-1260-3

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



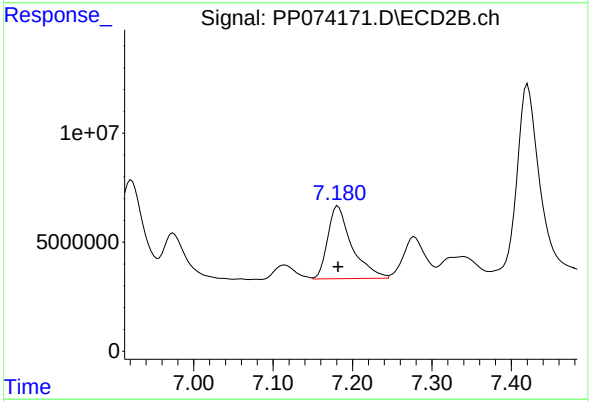
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

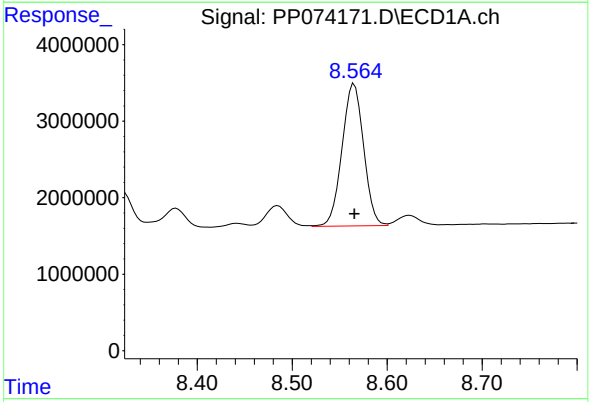
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



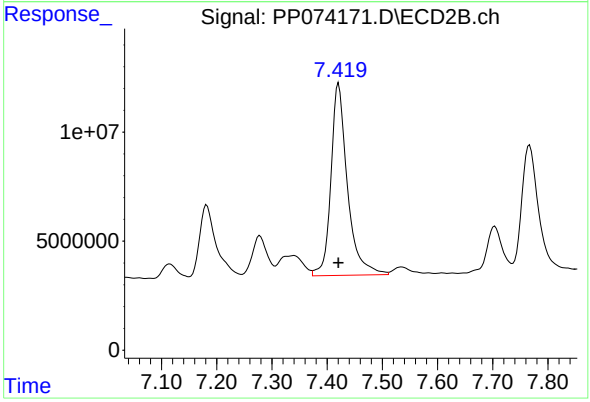
#34 AR-1260-4

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 08/05/2025

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

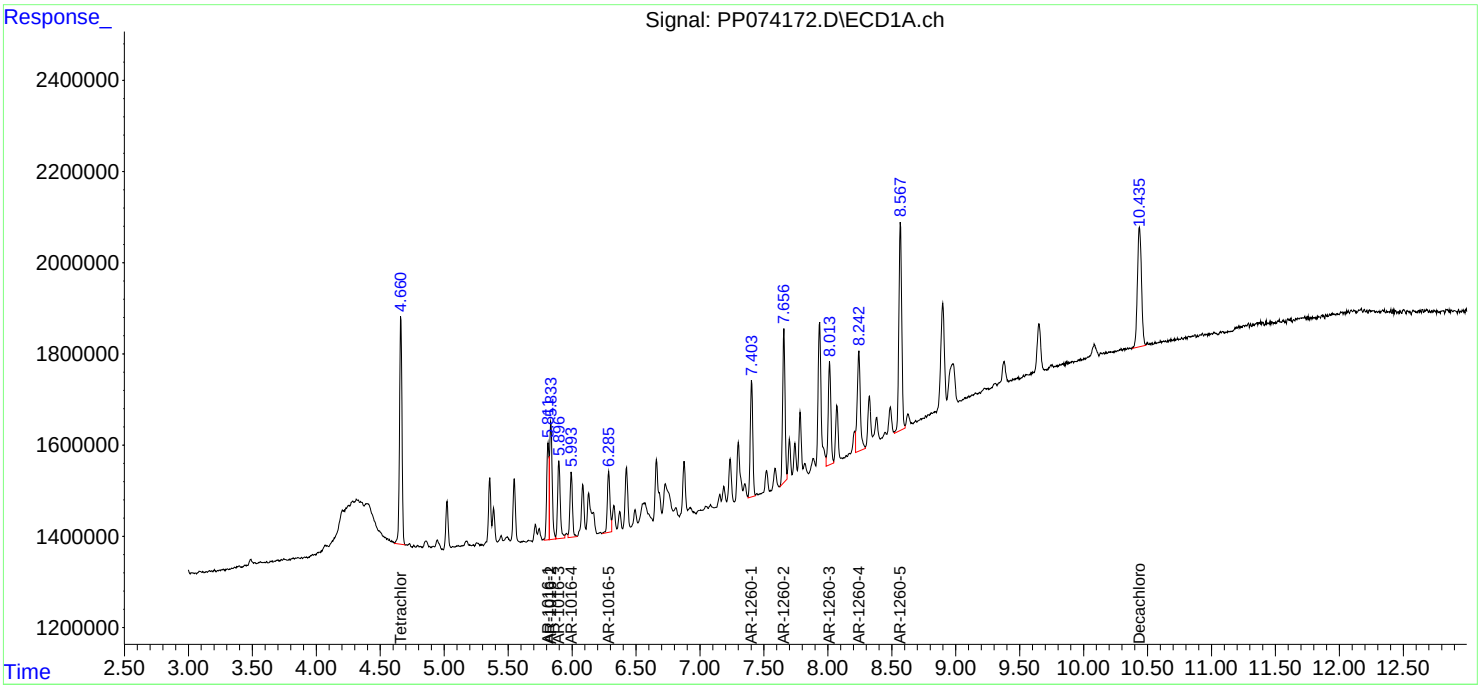
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

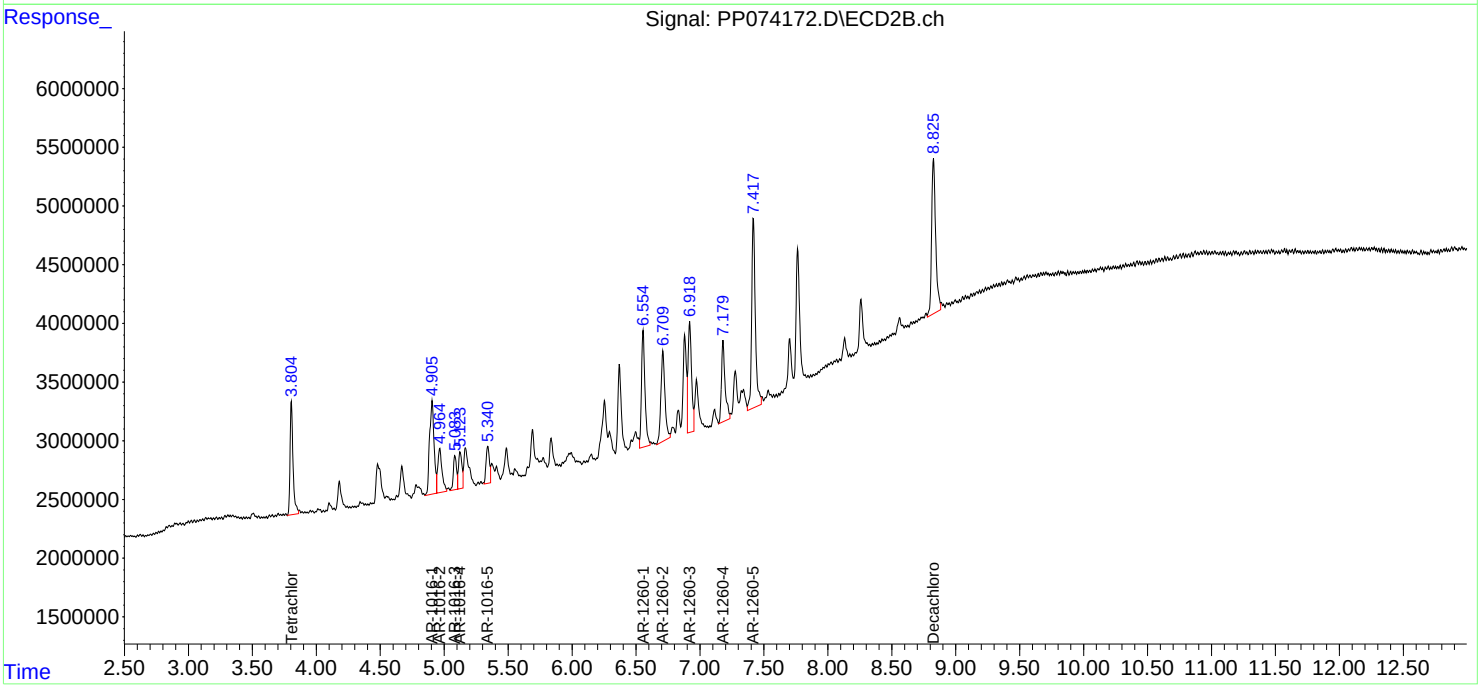
Manual Integrations APPROVED

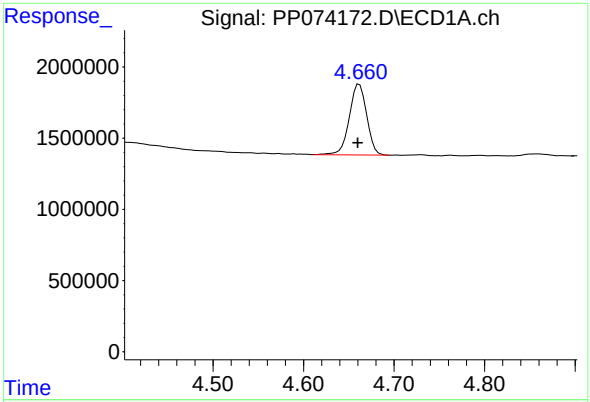
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







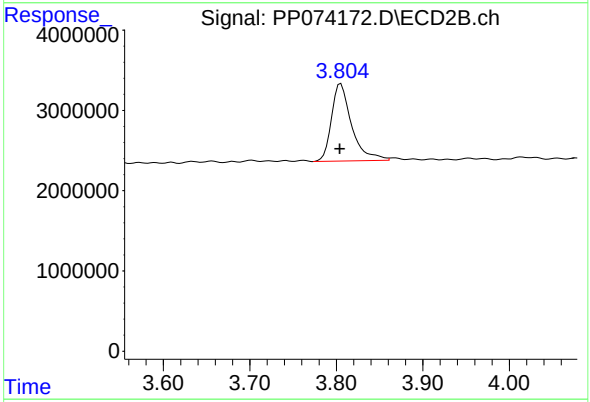
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 6638630
Conc: 5.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

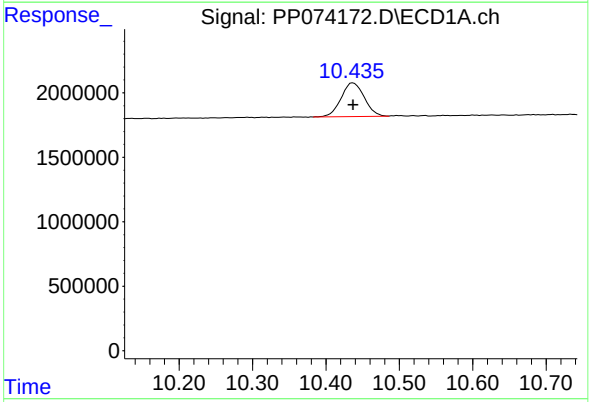
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



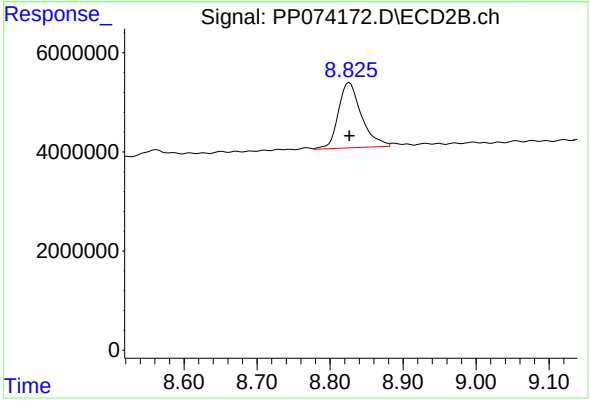
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 15510226
Conc: 4.04 ng/ml m



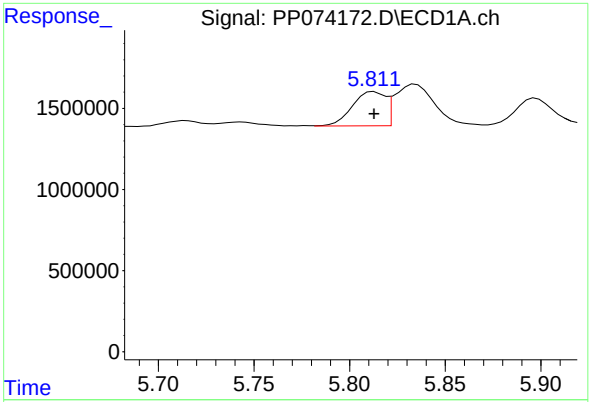
#2 Decachlorobiphenyl

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



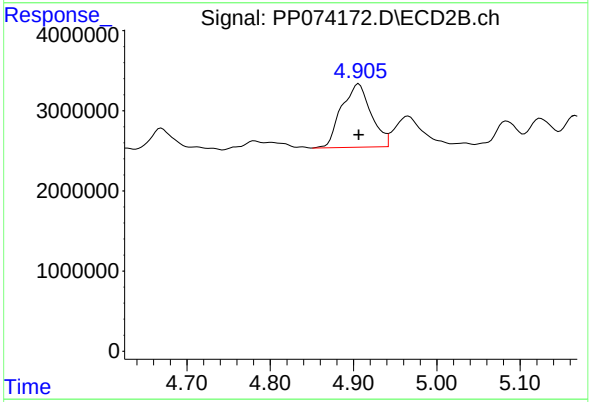
#3 AR-1016-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 2530723
Conc: 61.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

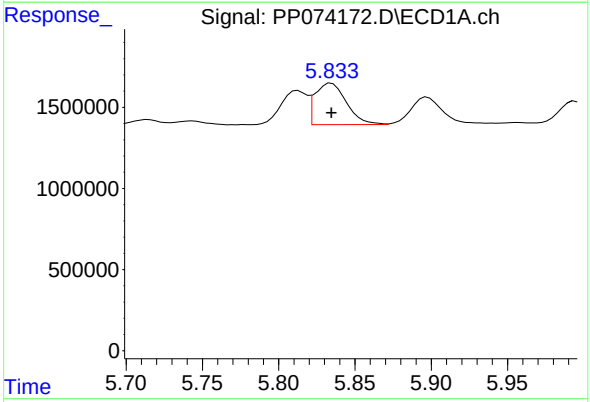
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



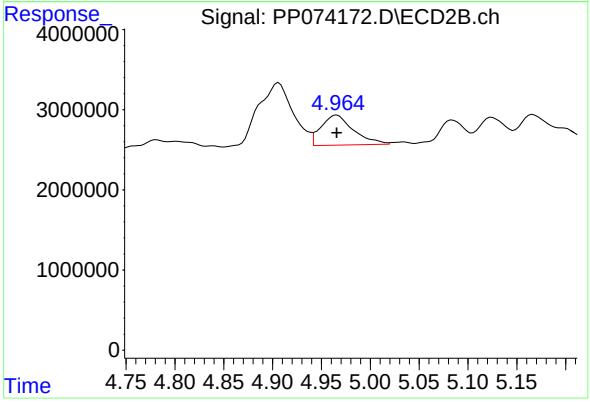
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 19510776
Conc: 48.91 ng/ml



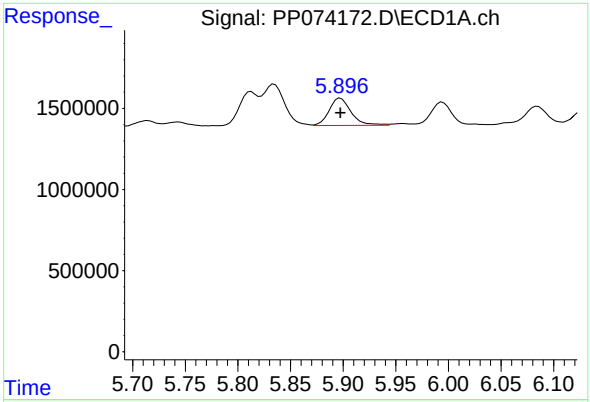
#4 AR-1016-2

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



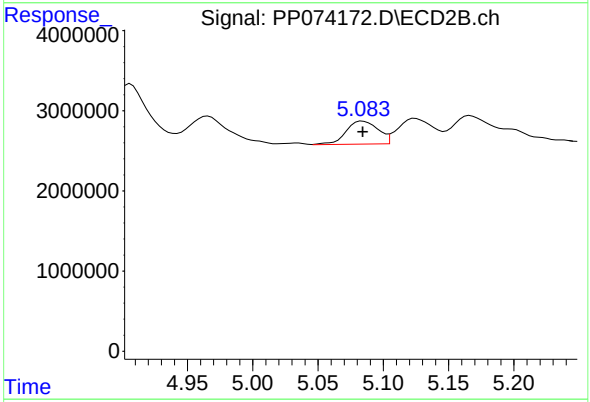
#5 AR-1016-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 2431131
Conc: 61.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

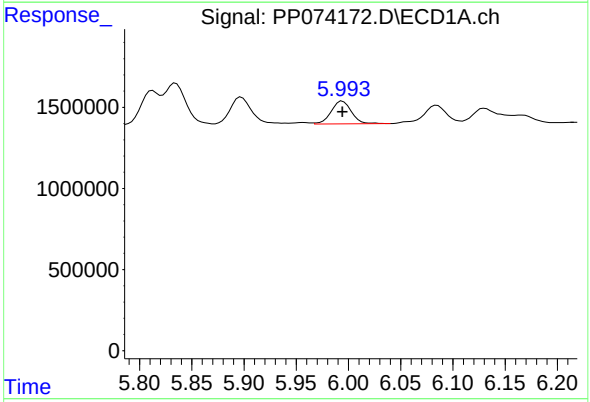
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



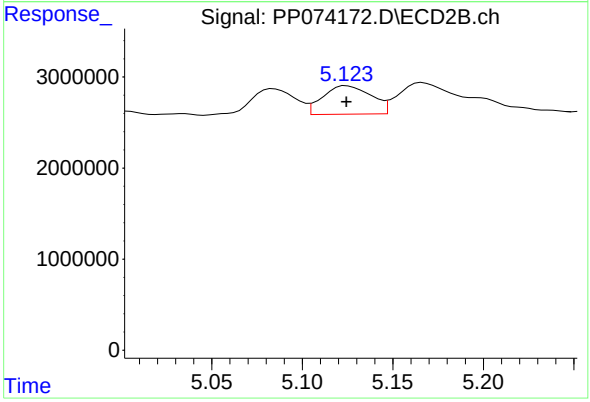
#5 AR-1016-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 4936579
Conc: 46.54 ng/ml



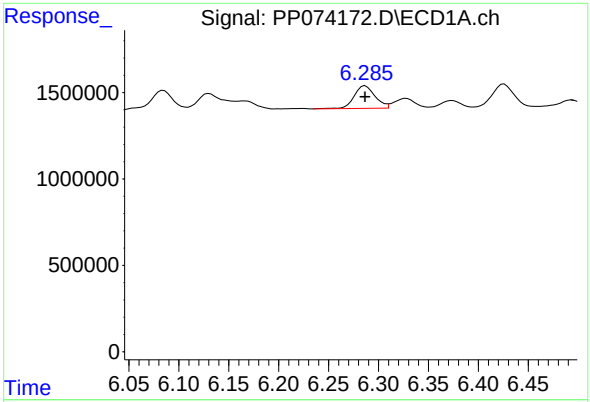
#6 AR-1016-4

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



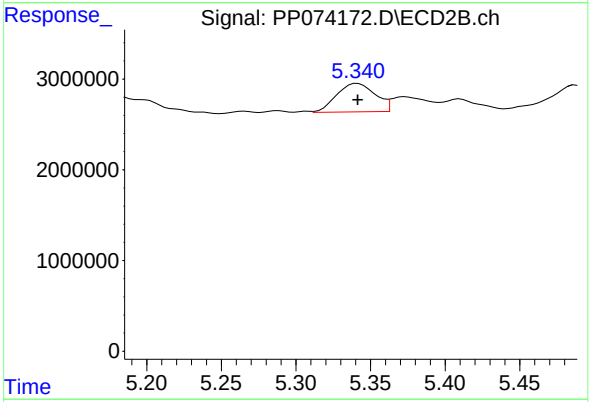
#7 AR-1016-5

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1907560
Conc: 58.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

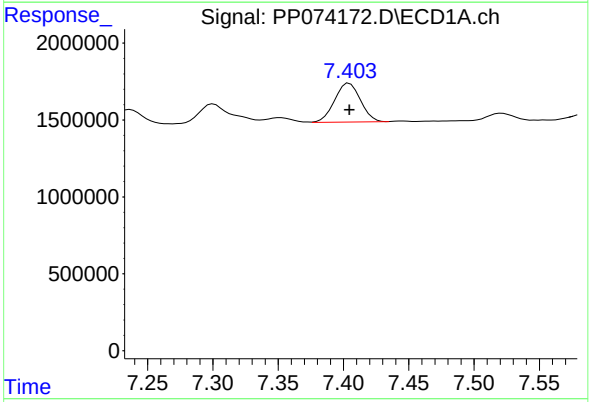
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



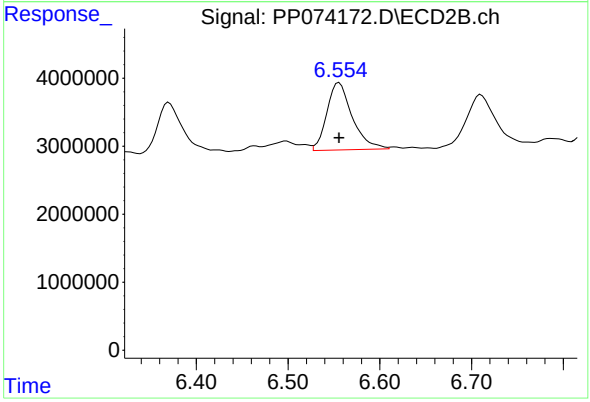
#7 AR-1016-5

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 5656312
Conc: 48.36 ng/ml



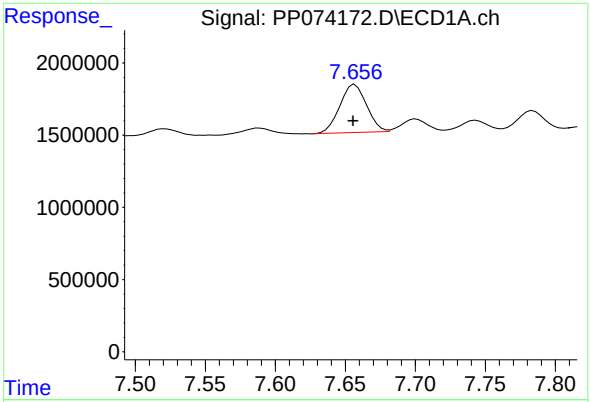
#31 AR-1260-1

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



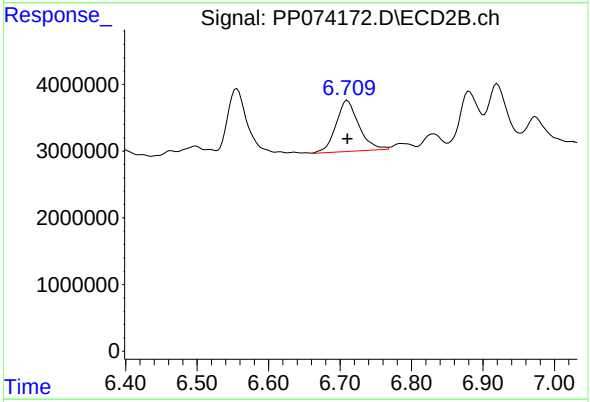
#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 4438588
Conc: 64.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

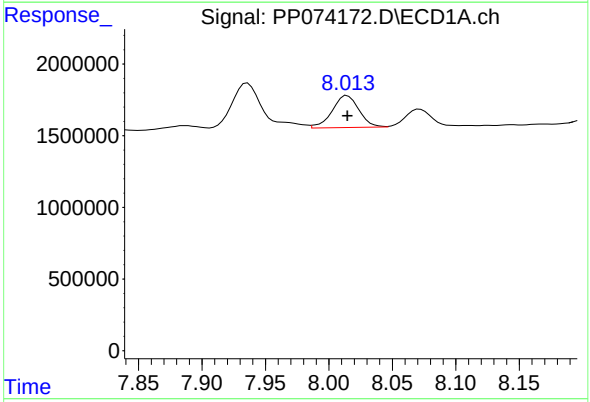
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



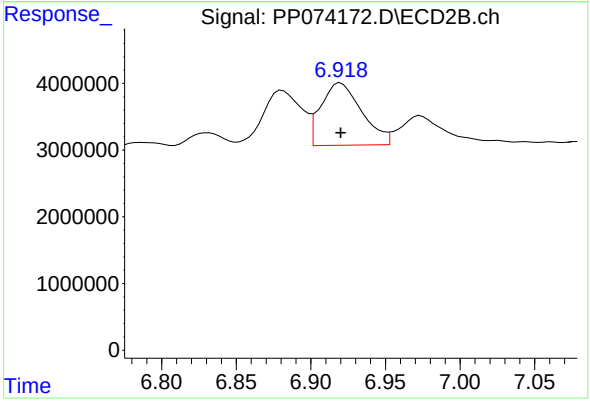
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 17001537
Conc: 54.99 ng/ml m



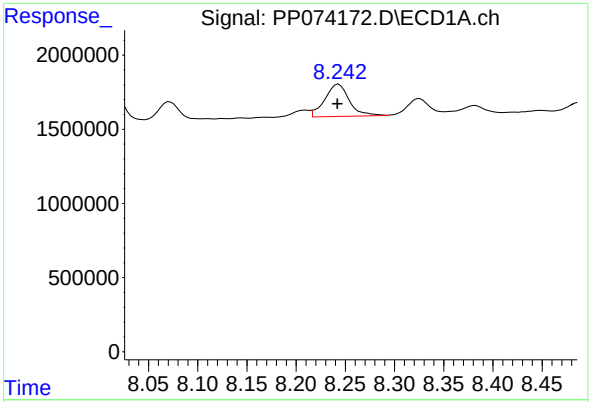
#33 AR-1260-3

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



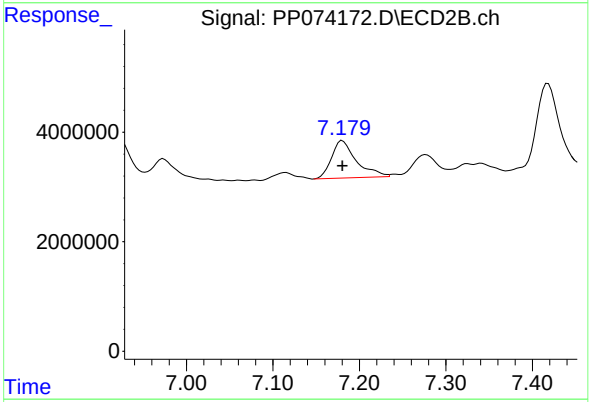
#34 AR-1260-4

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 3752198
Conc: 59.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

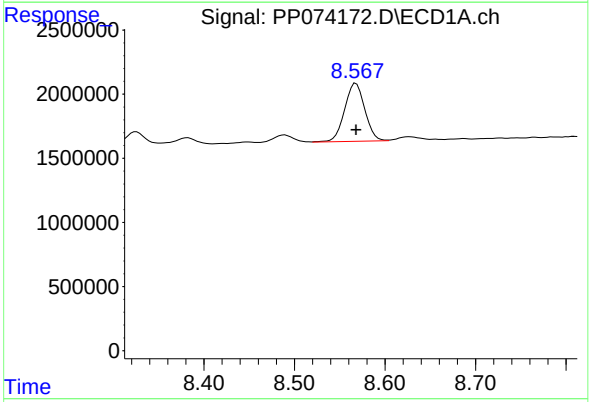
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



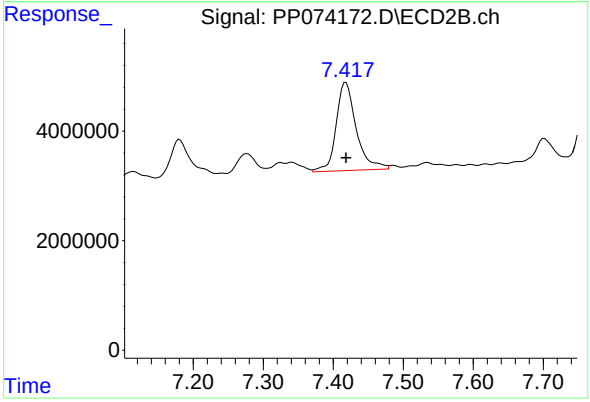
#34 AR-1260-4

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.

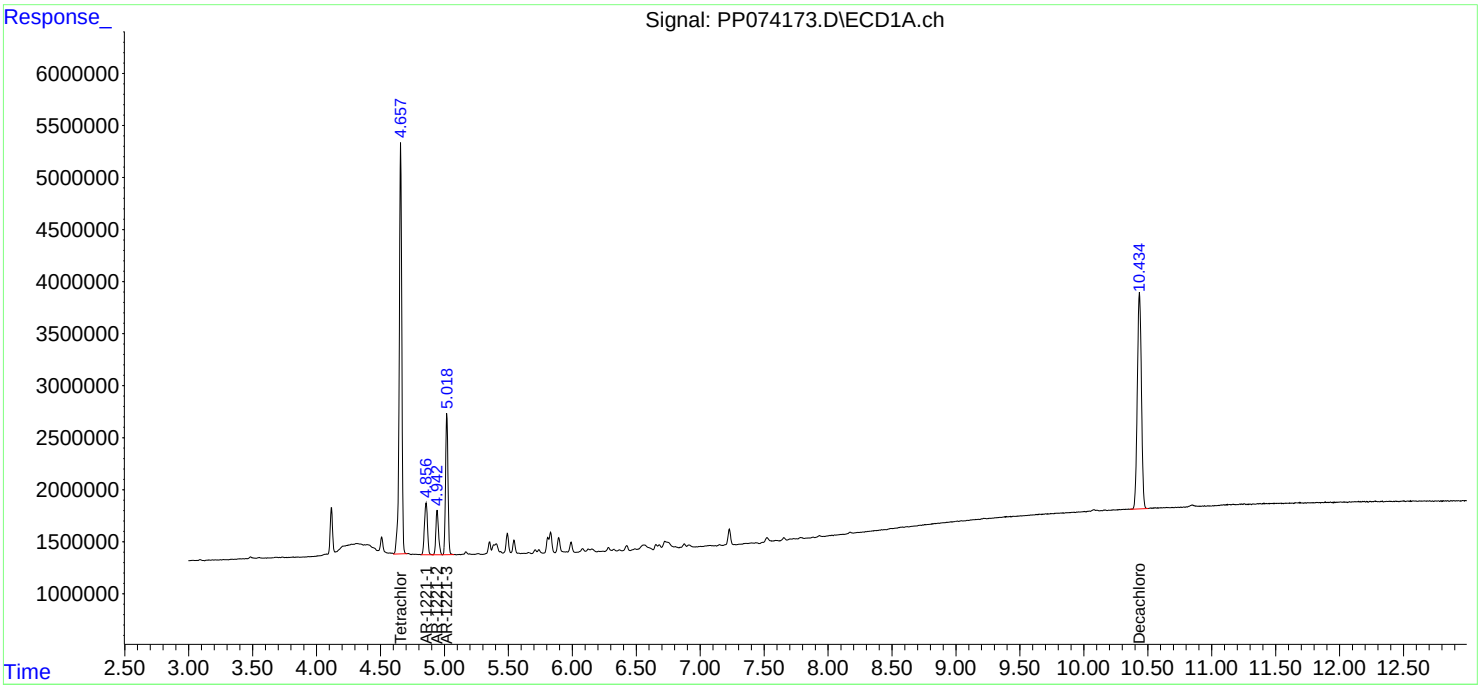
ICAL Form

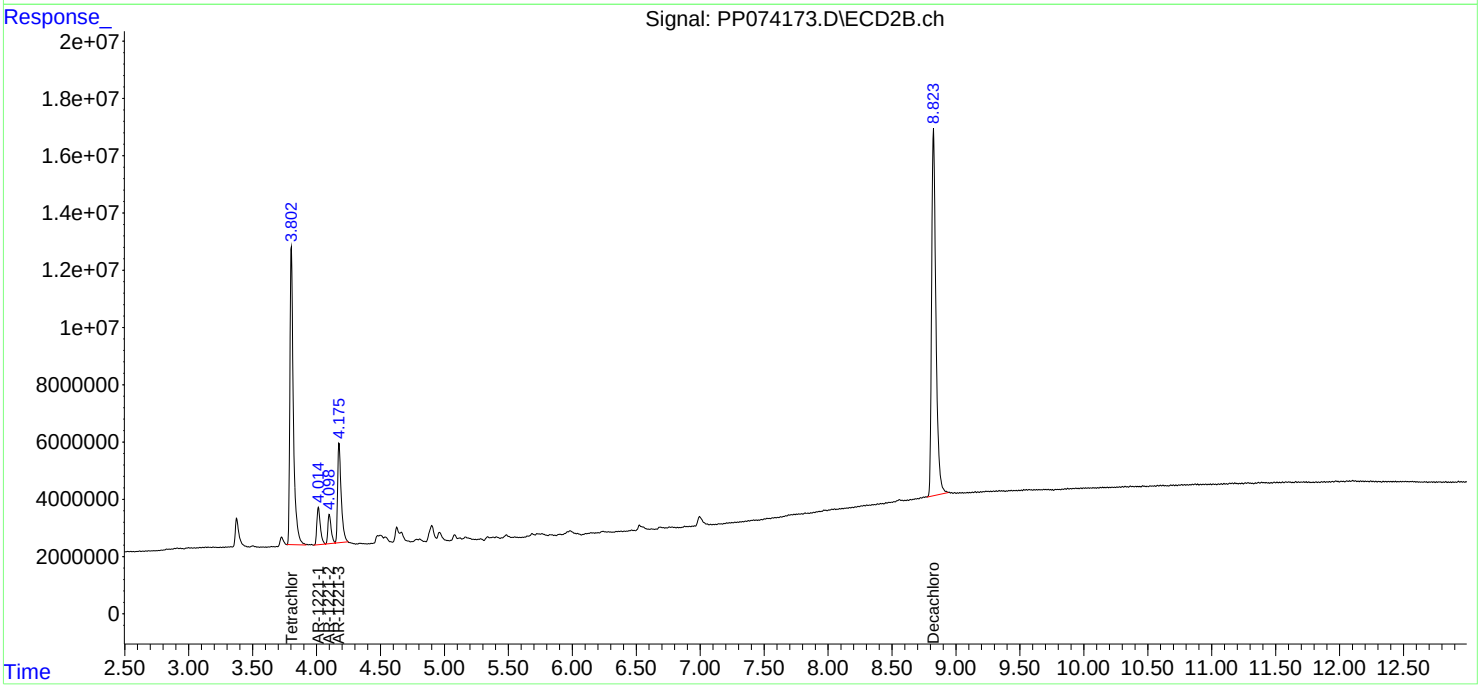
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:58
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

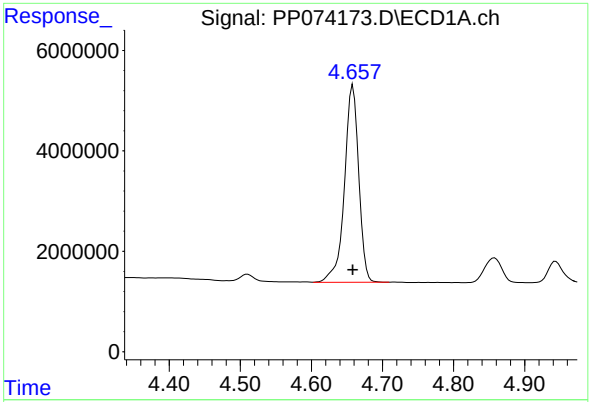
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

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



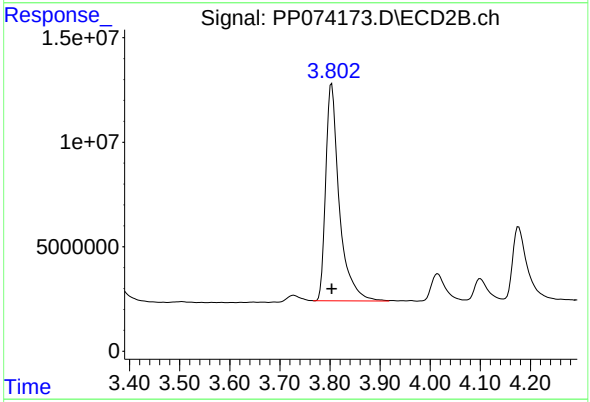




#1 Tetrachloro-m-xylene

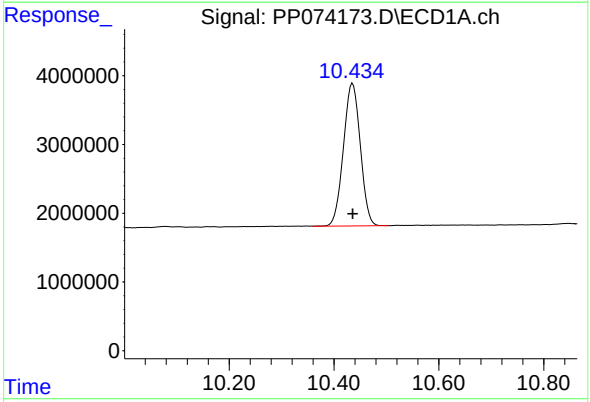
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 54821028
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



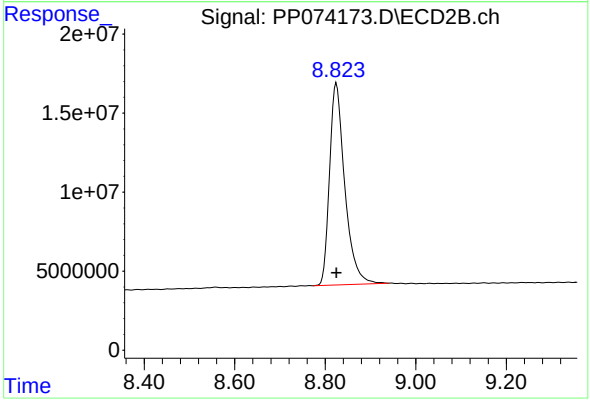
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 195798506
Conc: 50.00 ng/ml



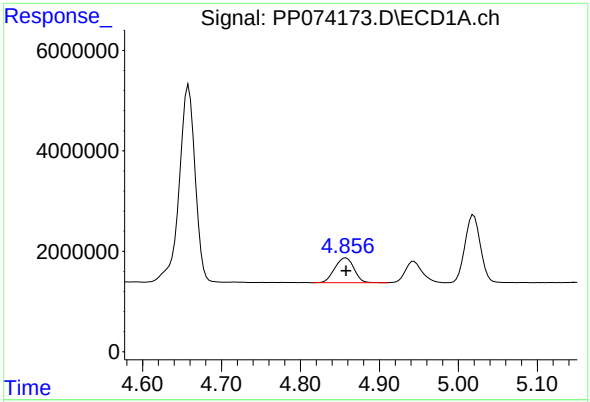
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 46278402
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

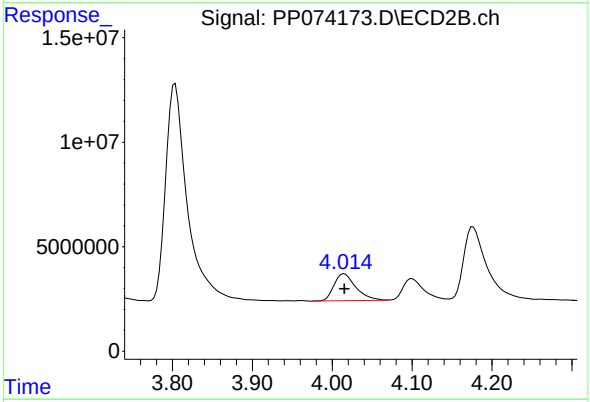
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 298854739
Conc: 50.00 ng/ml



#8 AR-1221-1

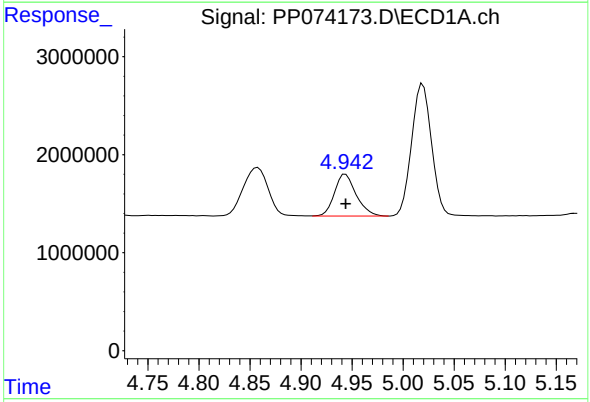
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 8381808
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



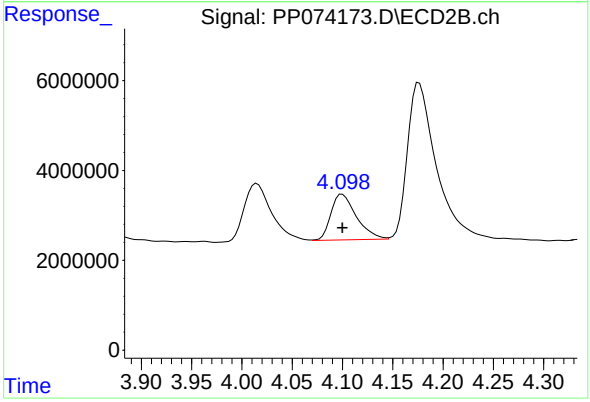
#8 AR-1221-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 24542587
Conc: 500.00 ng/ml



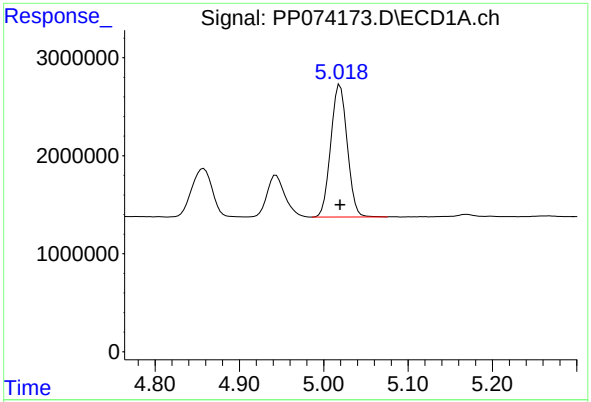
#9 AR-1221-2

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 6300527
Conc: 500.00 ng/ml



#9 AR-1221-2

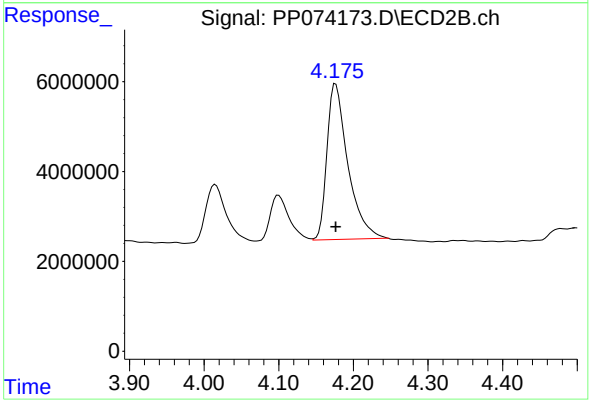
R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 17944660
Conc: 500.00 ng/ml



#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 08/05/2025

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

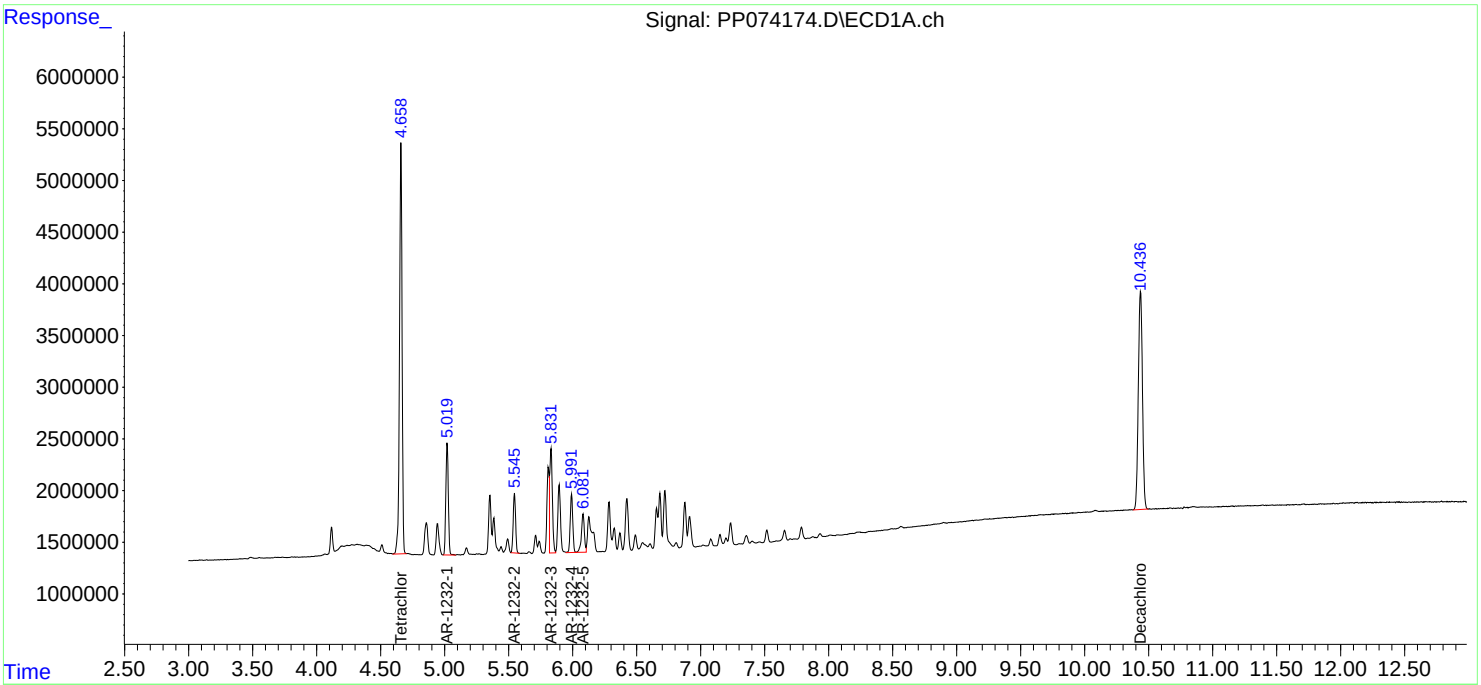
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

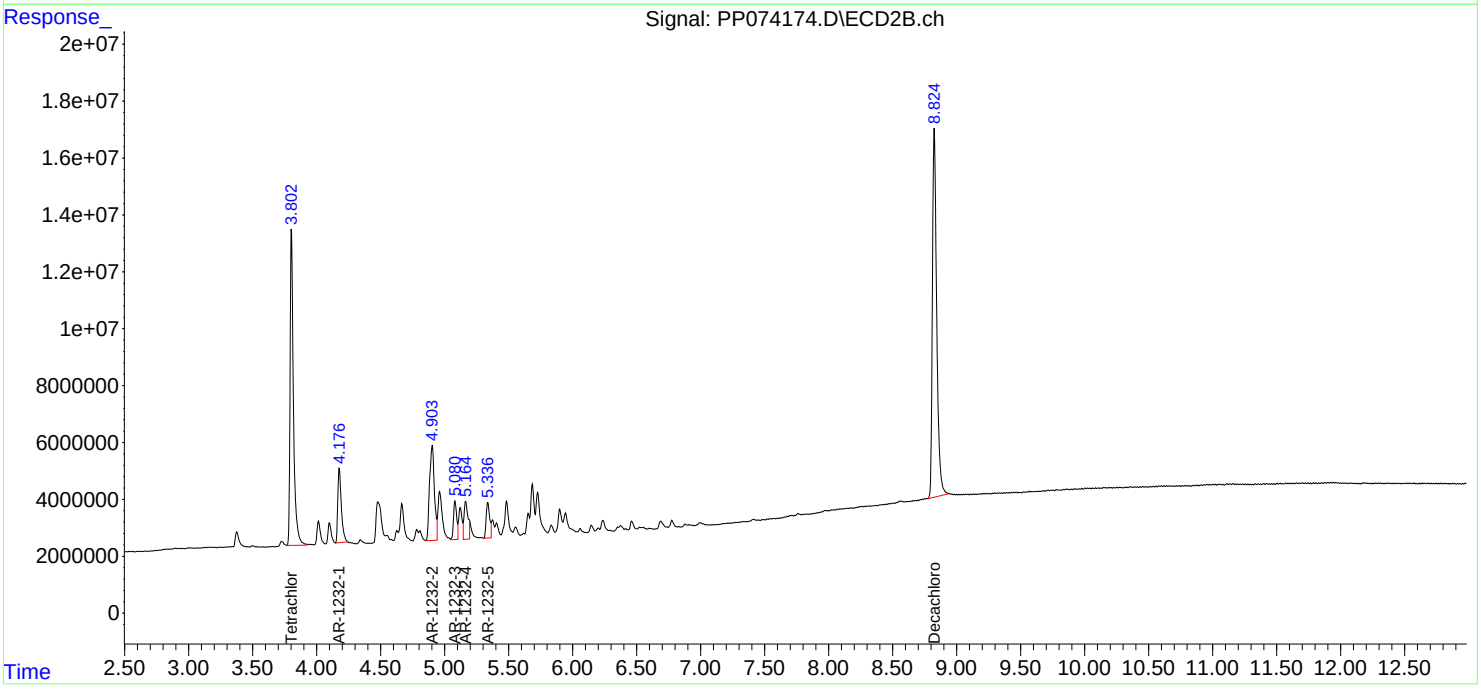
Manual Integrations APPROVED

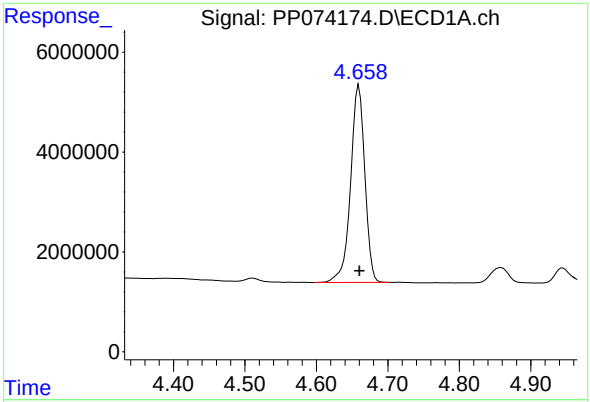
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







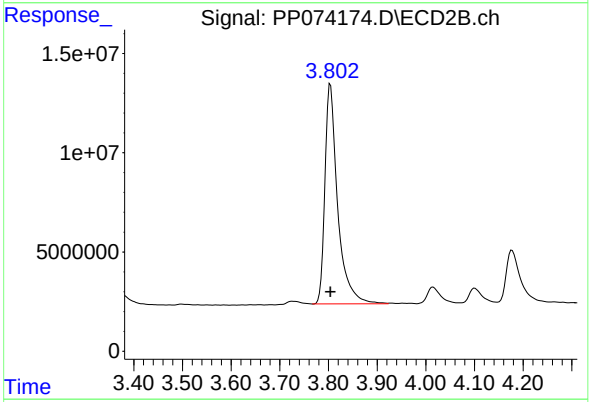
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

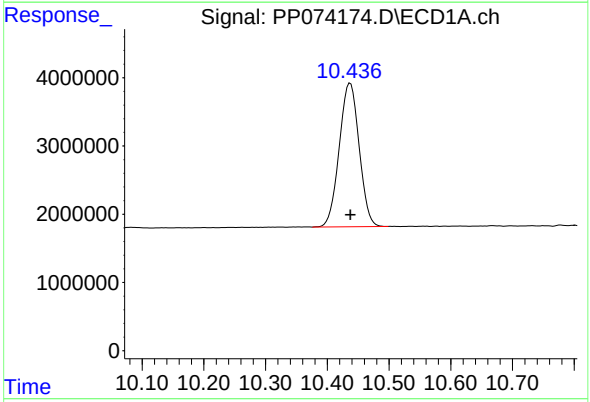
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



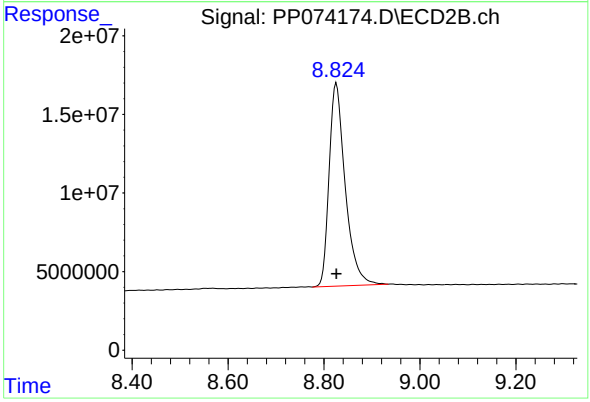
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



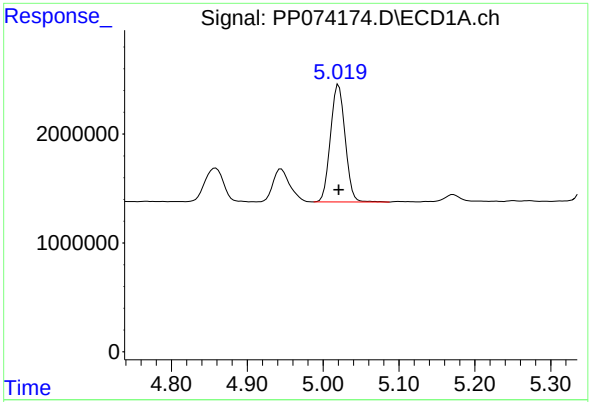
#2 Decachlorobiphenyl

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



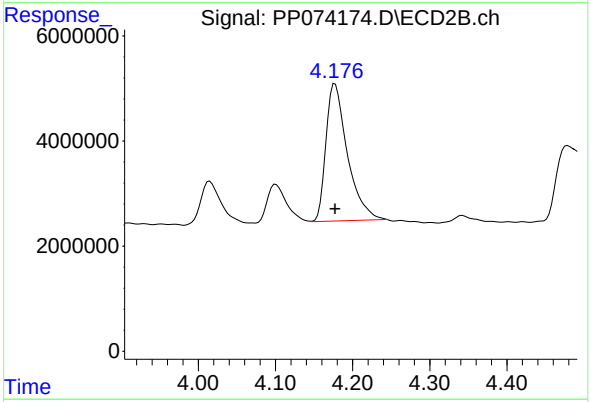
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

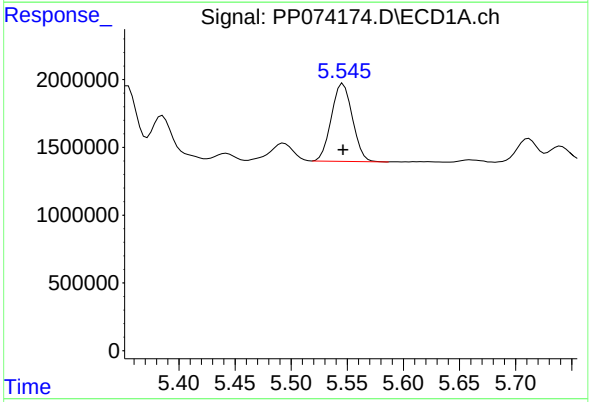
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



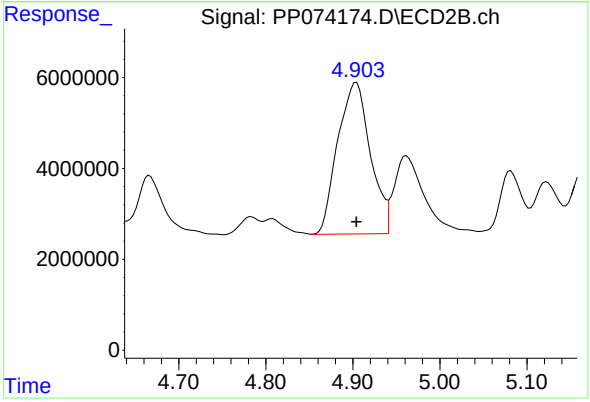
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



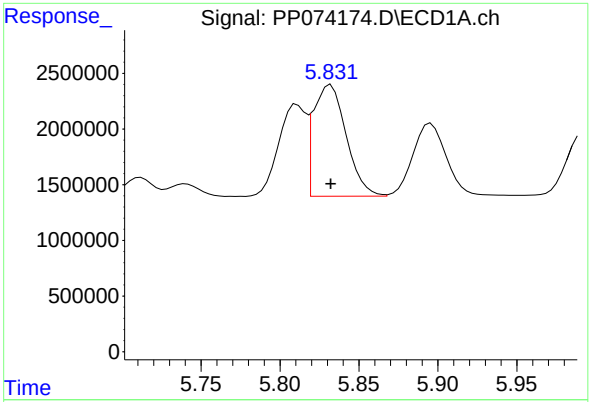
#12 AR-1232-2

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



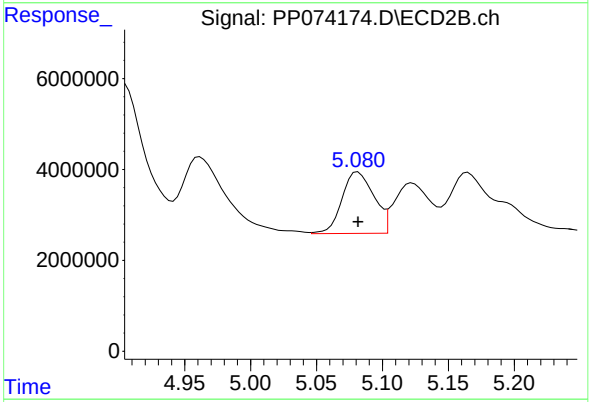
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

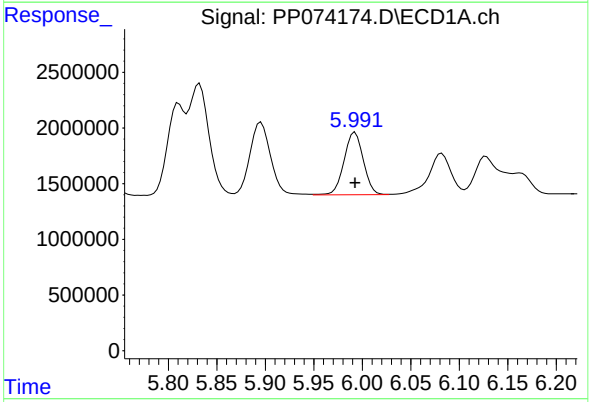
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



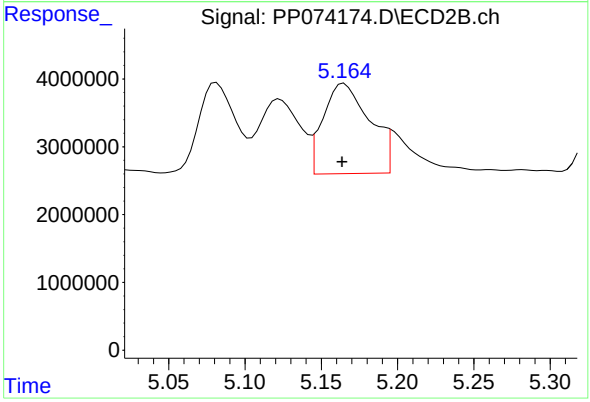
#13 AR-1232-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml



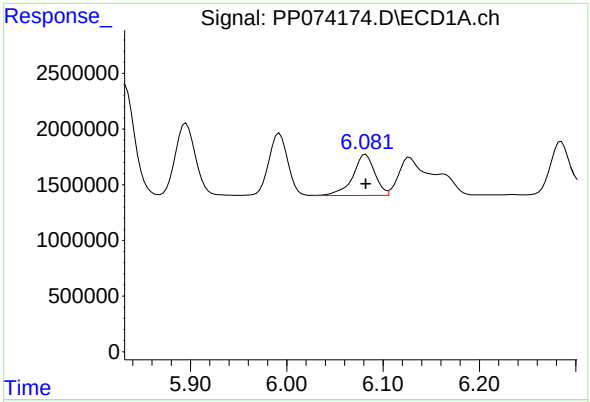
#14 AR-1232-4

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



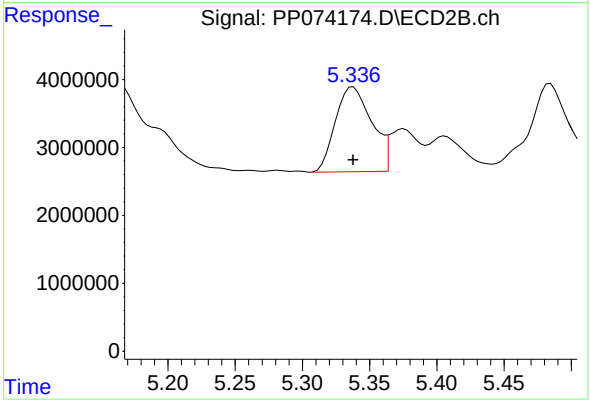
#15 AR-1232-5

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 08/05/2025



#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 08/05/2025

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

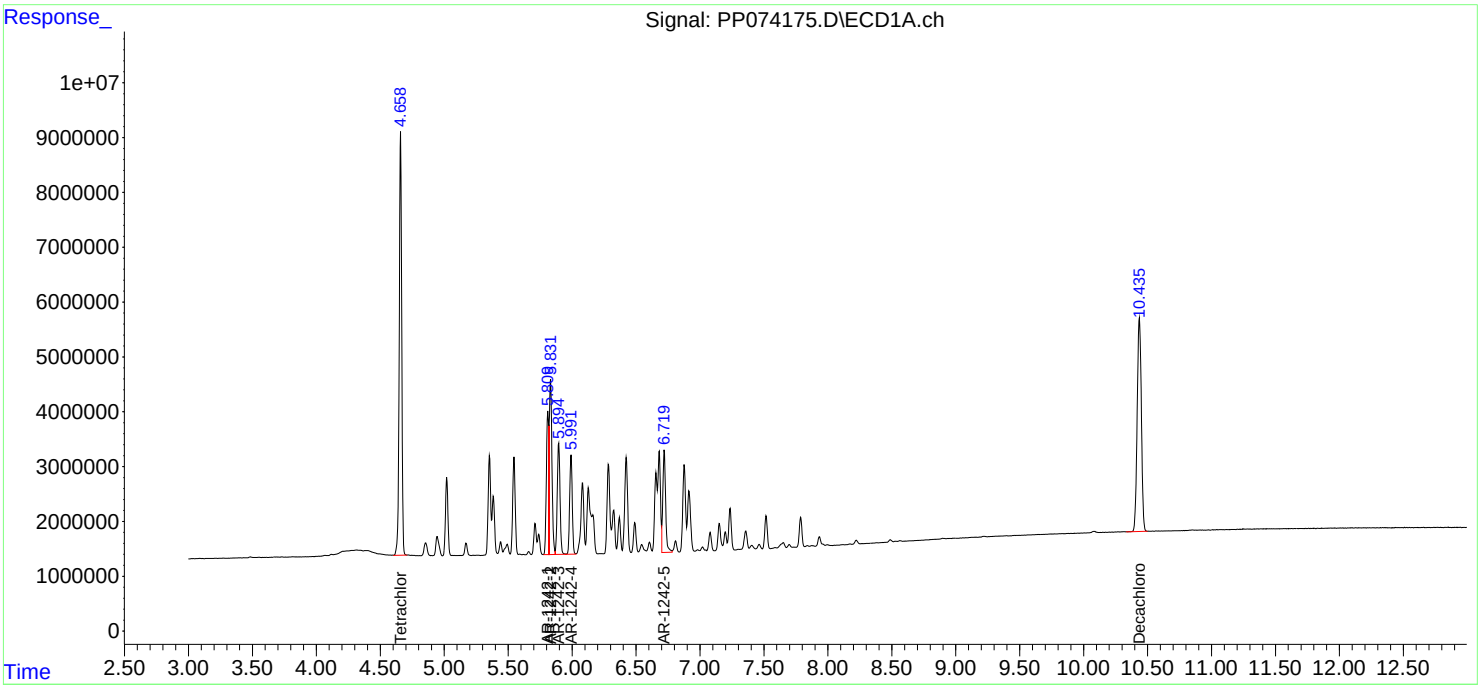
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

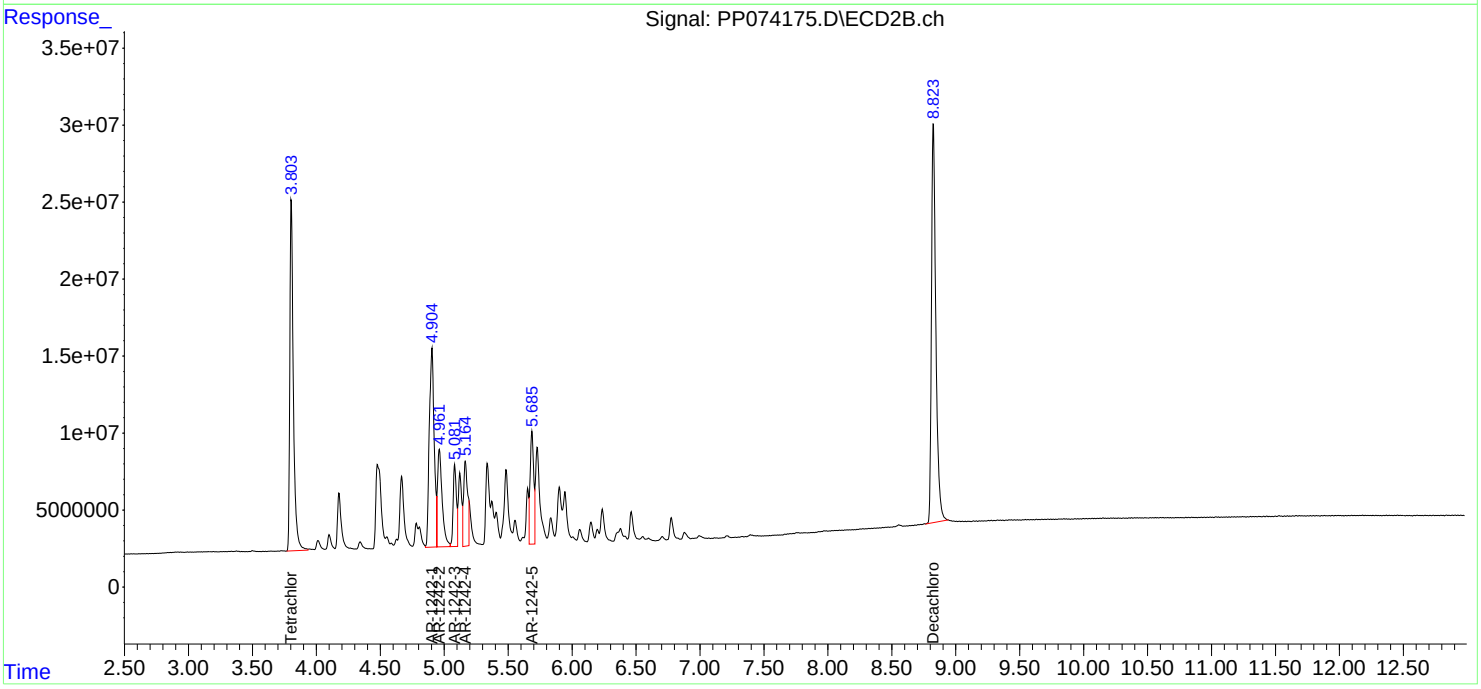
Manual Integrations APPROVED

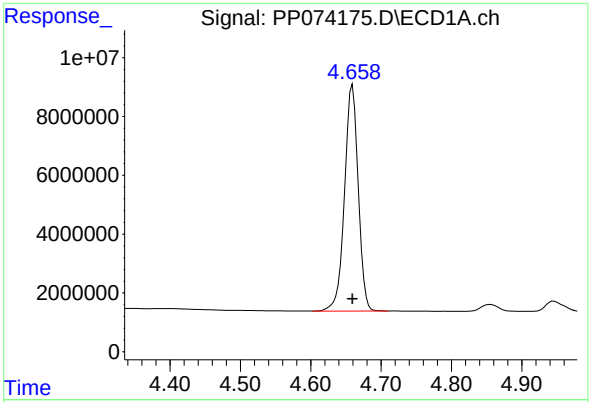
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







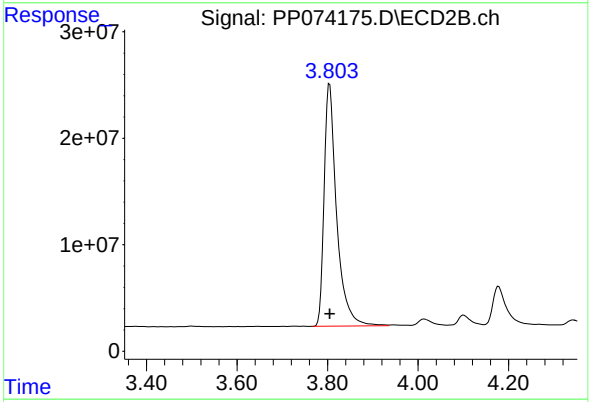
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

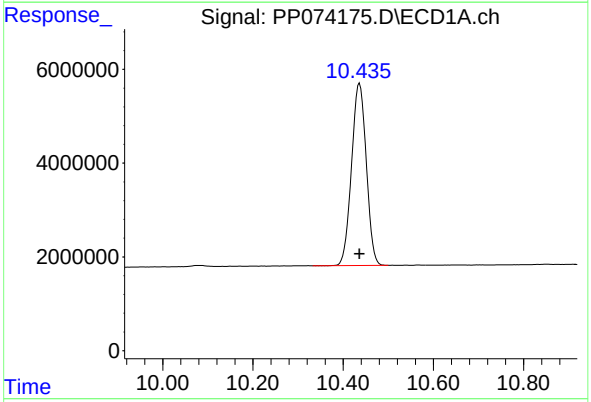
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



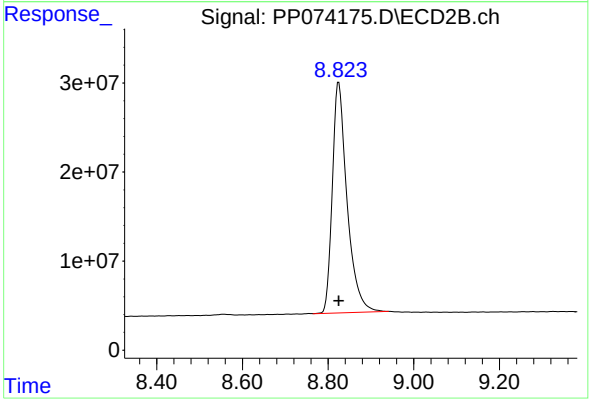
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml



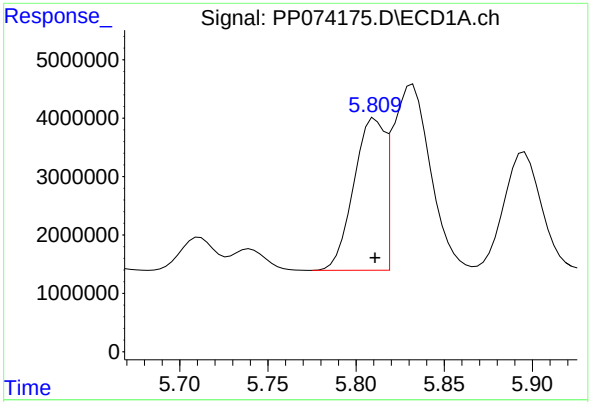
#2 Decachlorobiphenyl

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



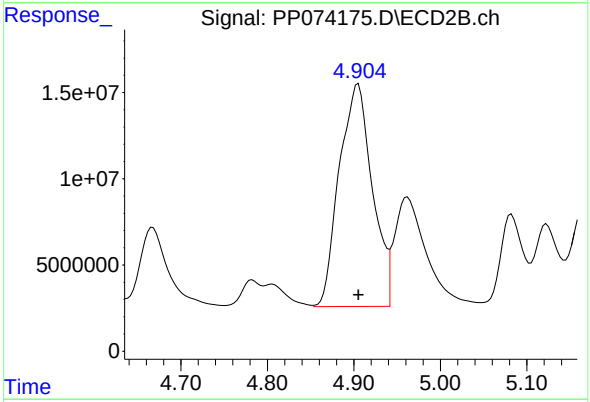
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

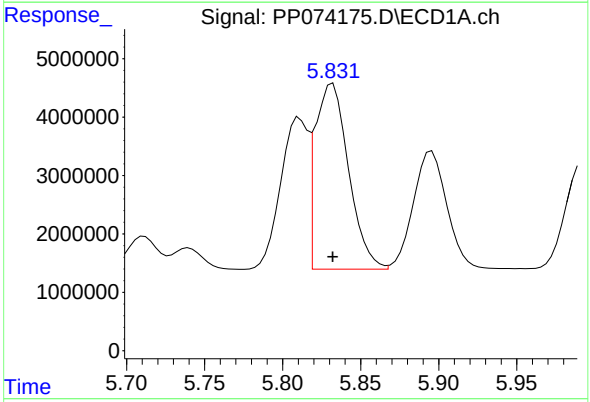
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



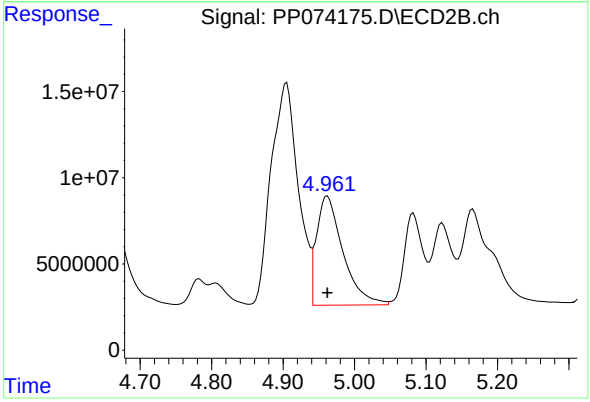
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml



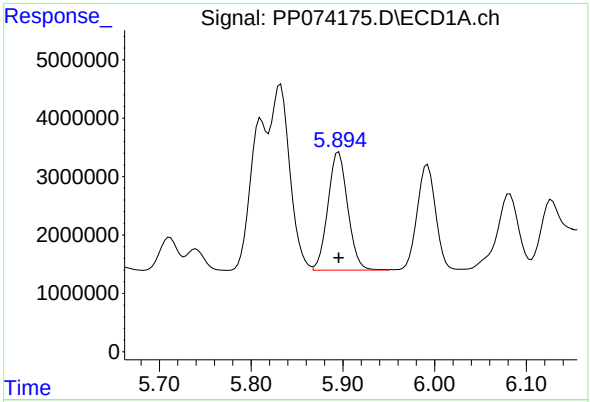
#17 AR-1242-2

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



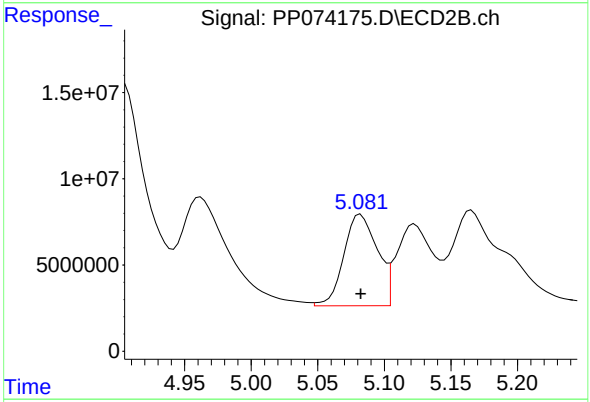
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

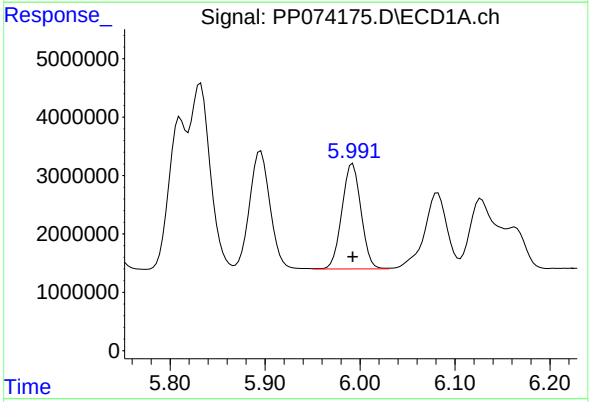
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



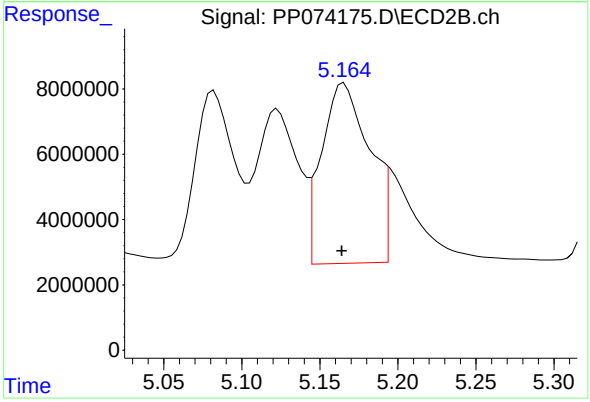
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml



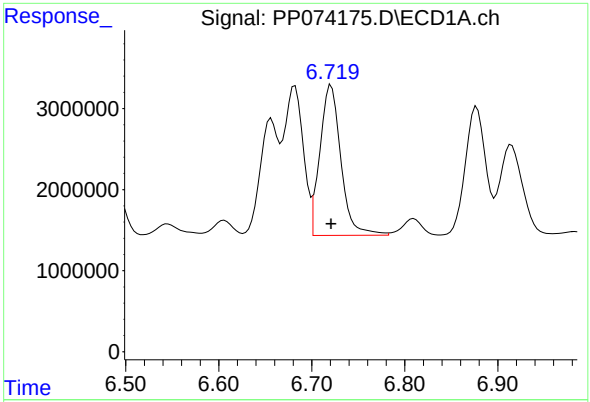
#19 AR-1242-4

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



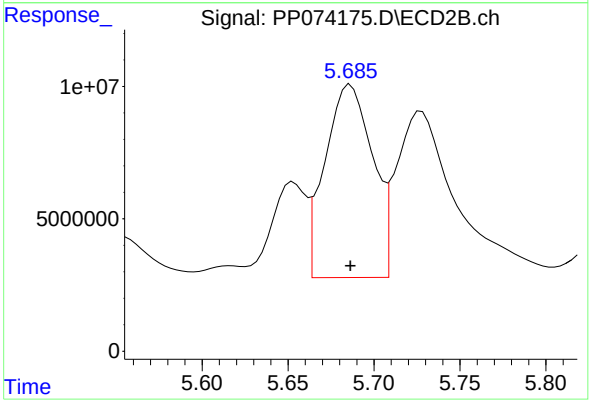
#20 AR-1242-5

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 08/05/2025



#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 08/05/2025

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

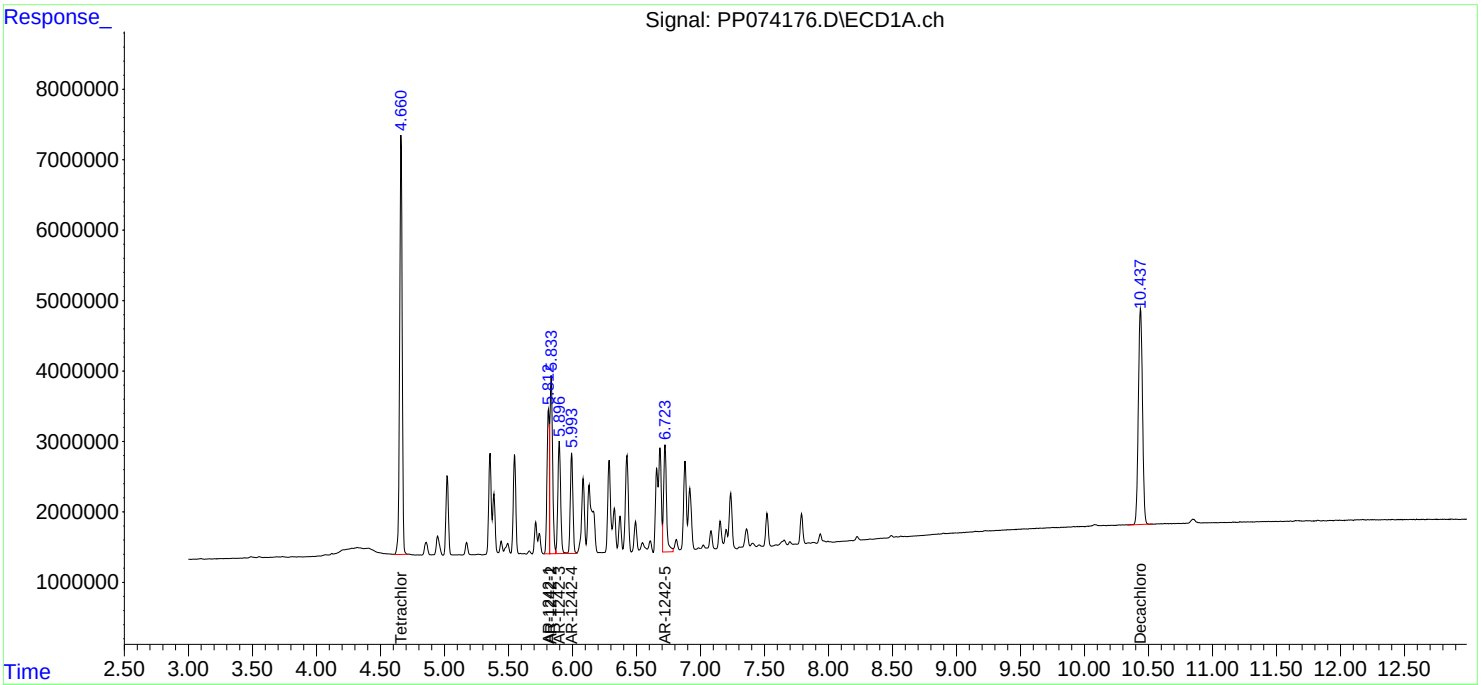
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

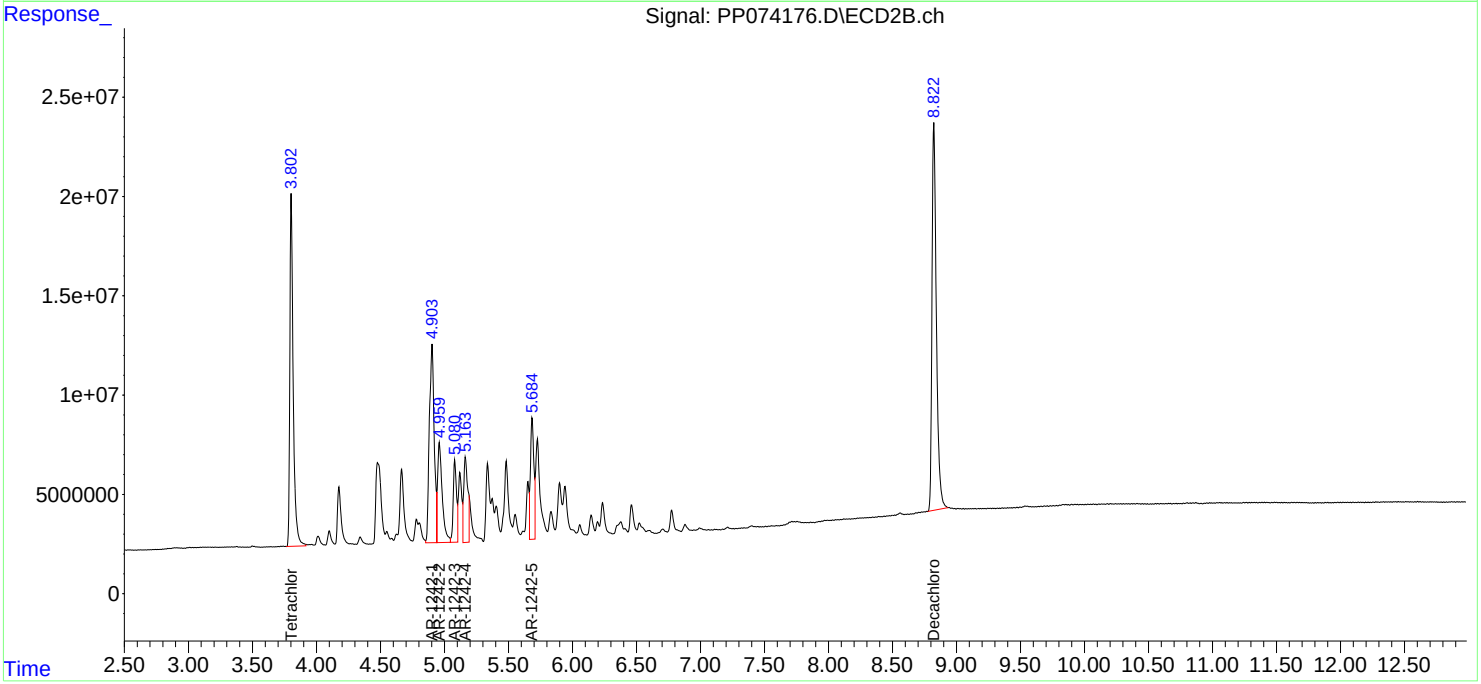
Manual Integrations APPROVED

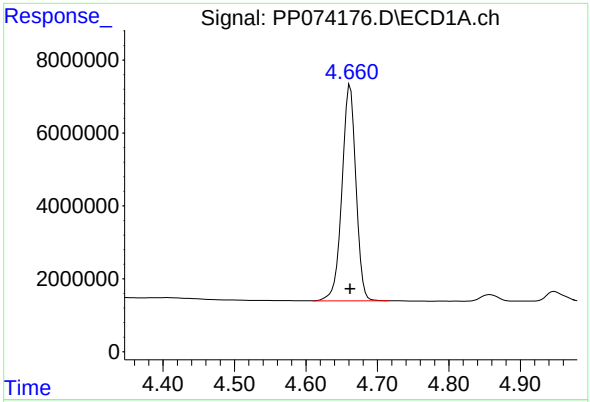
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







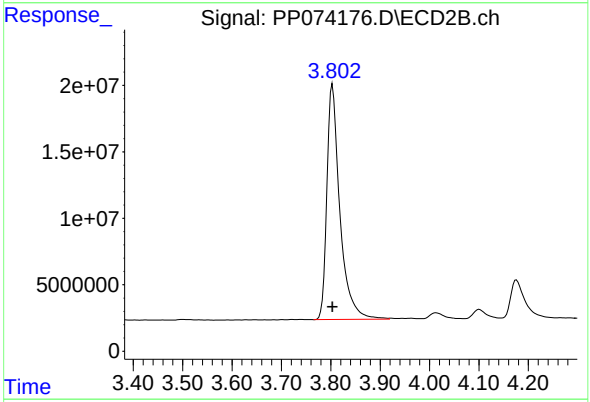
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

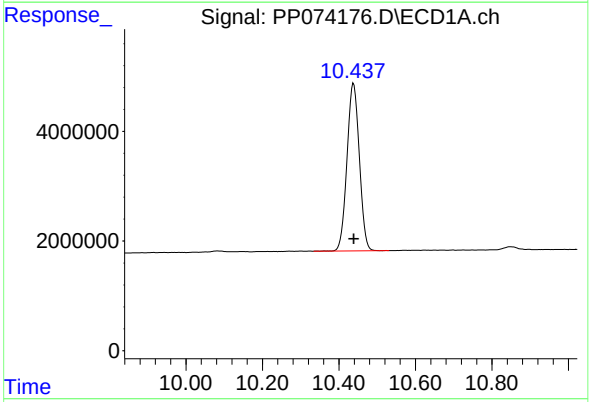
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



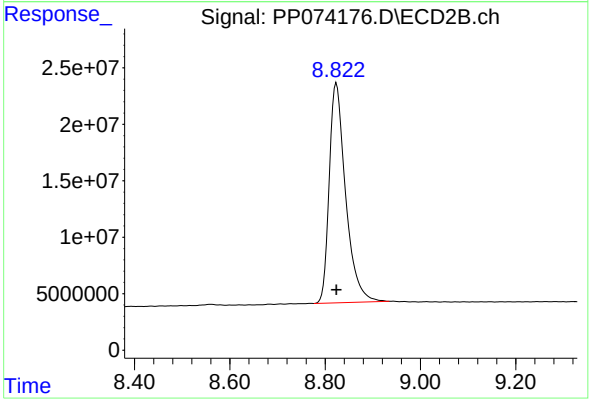
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml



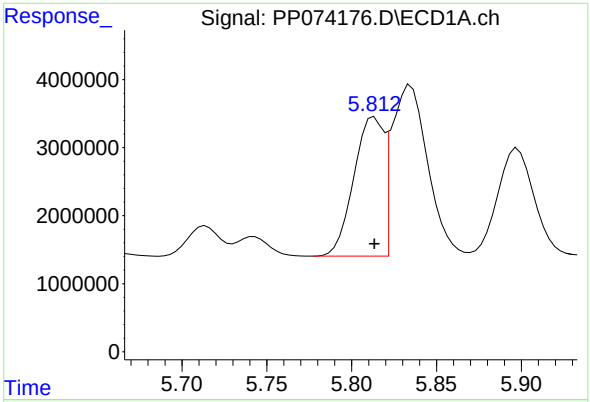
#2 Decachlorobiphenyl

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



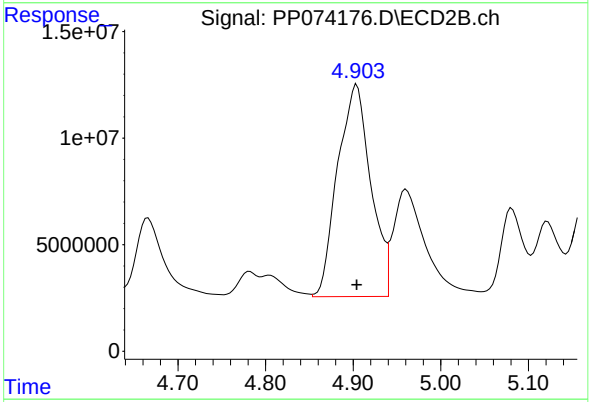
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

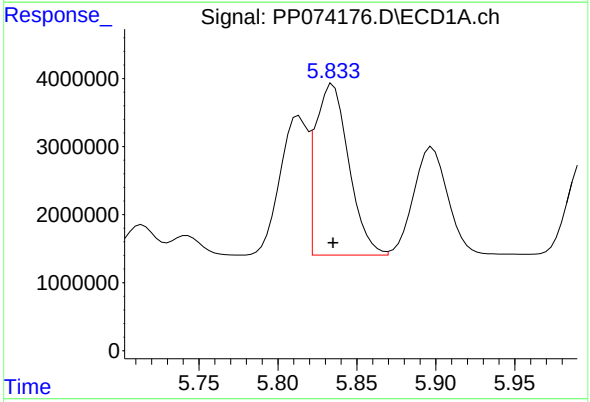
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



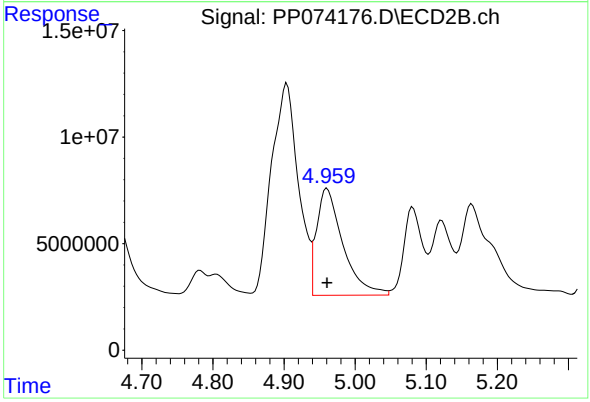
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



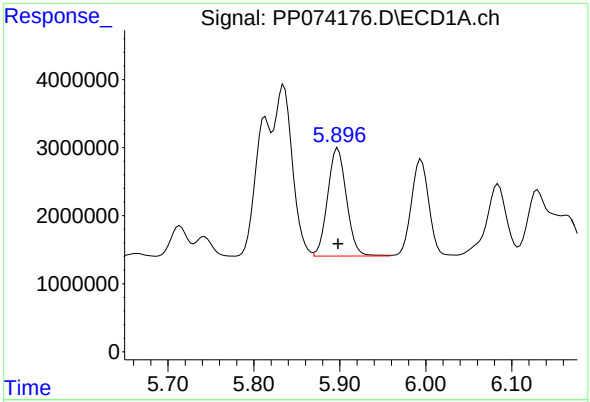
#17 AR-1242-2

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



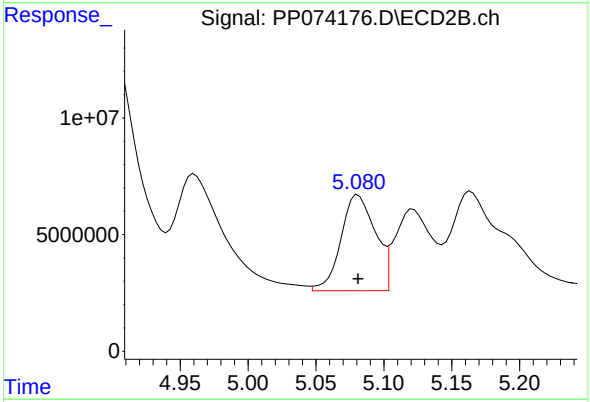
#18 AR-1242-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

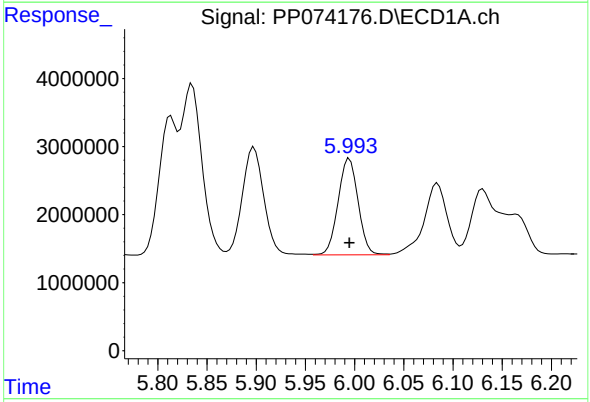
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



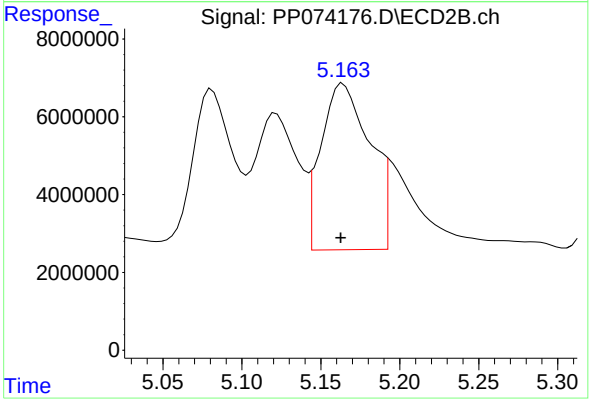
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



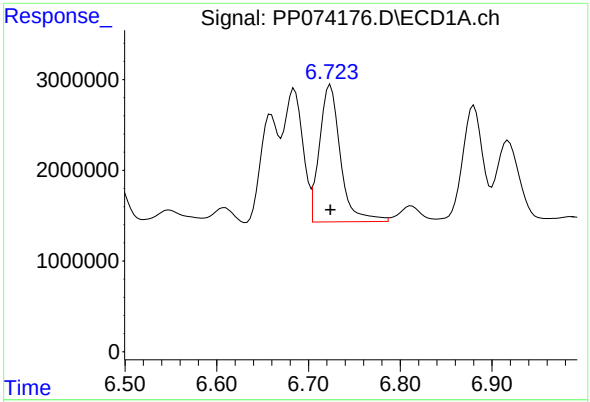
#19 AR-1242-4

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



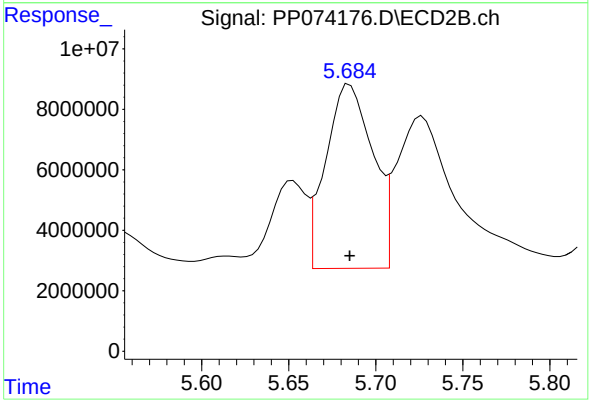
#20 AR-1242-5

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 08/05/2025



#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 08/05/2025

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

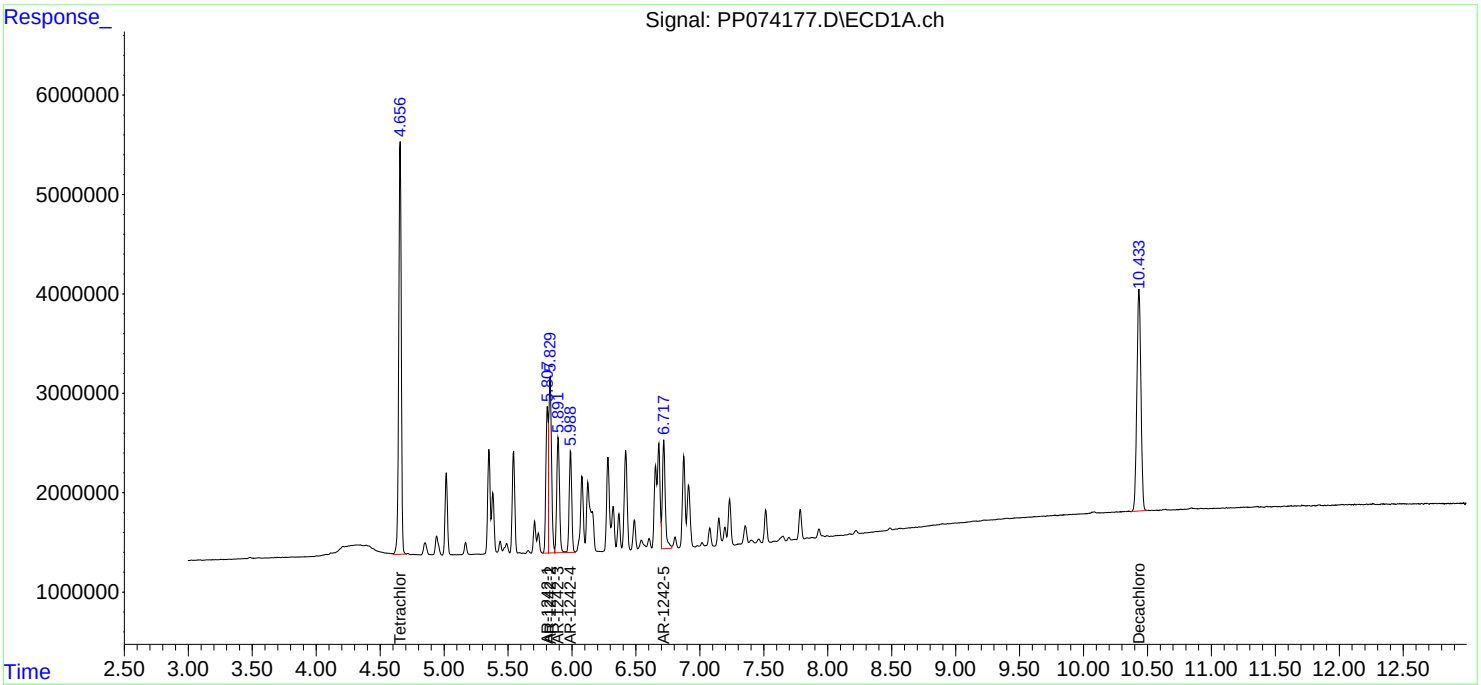
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

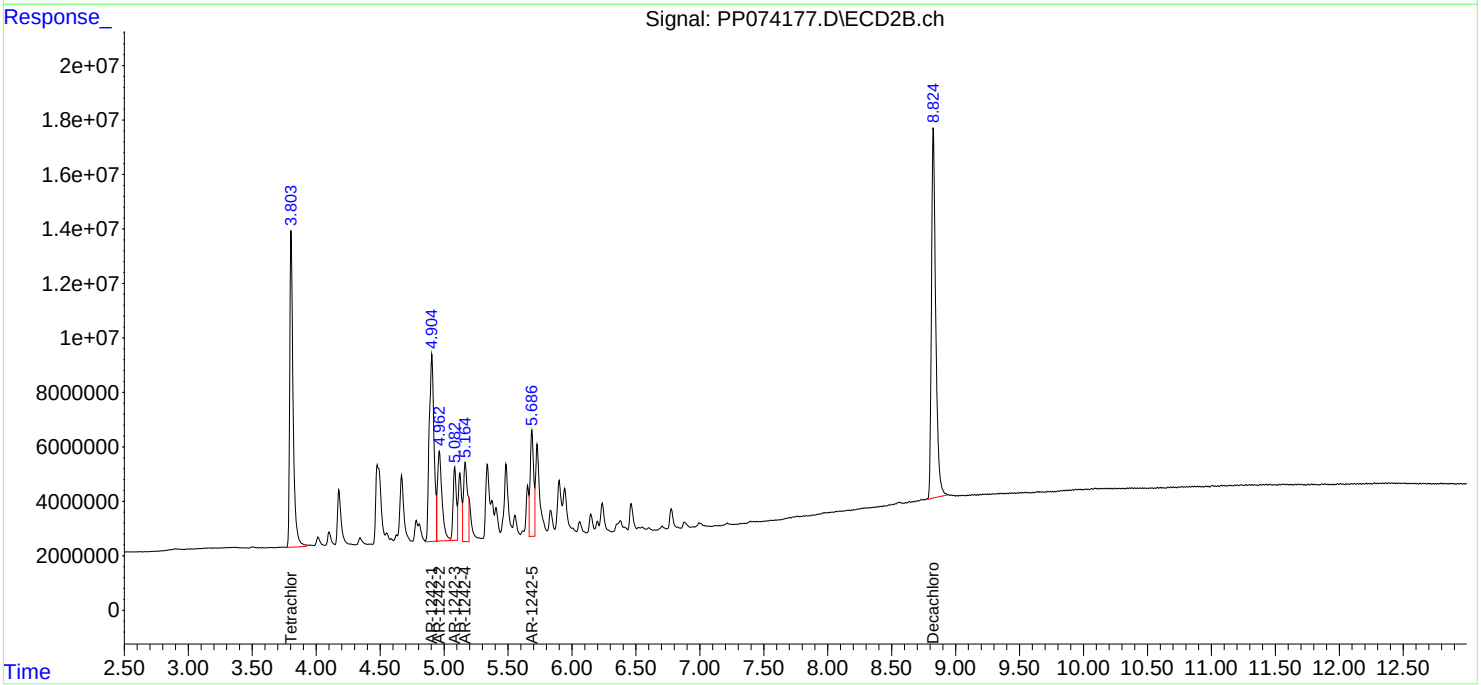
Manual Integrations APPROVED

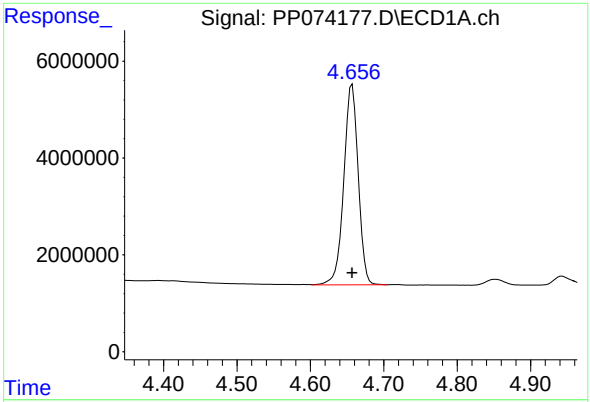
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







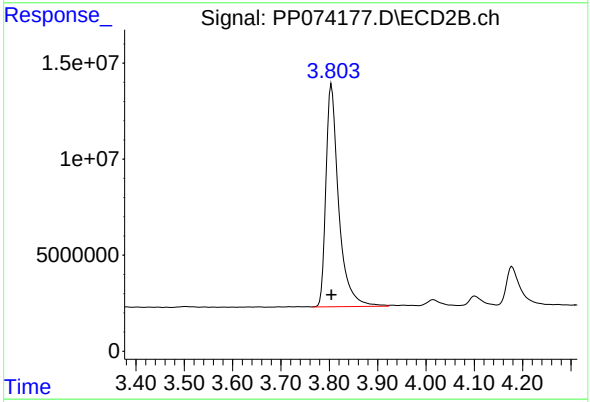
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

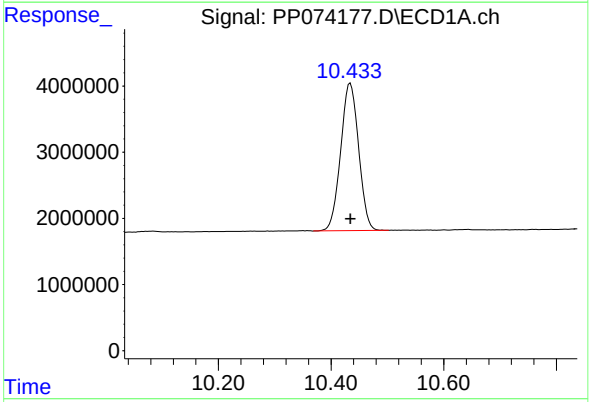
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



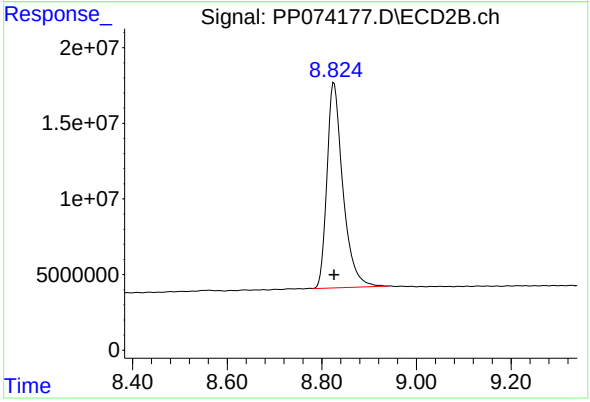
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



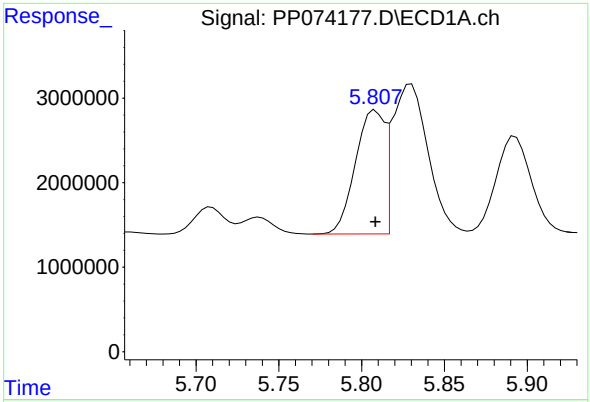
#2 Decachlorobiphenyl

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



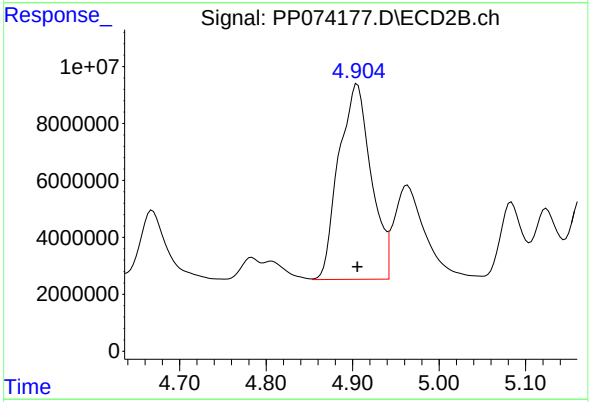
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

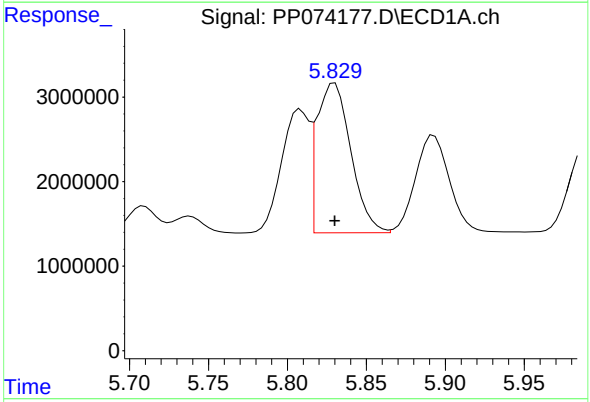
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



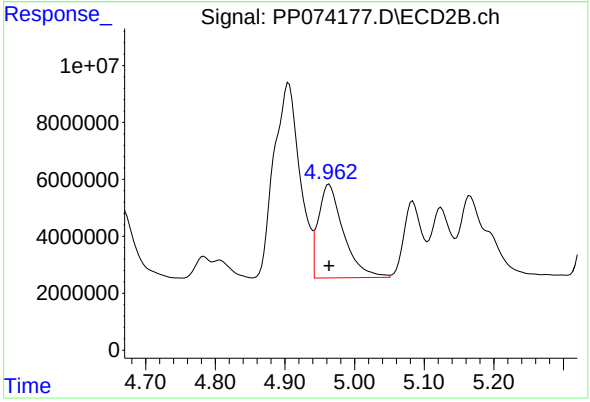
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



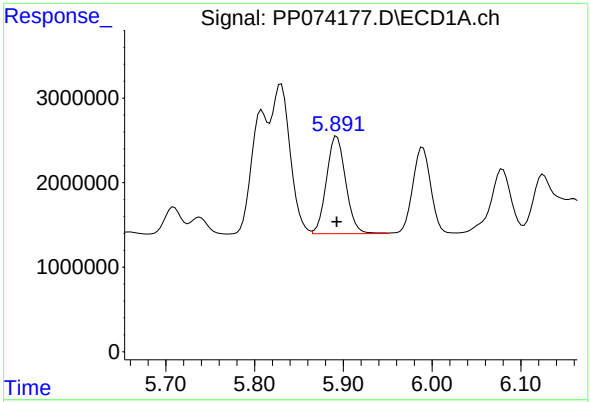
#17 AR-1242-2

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



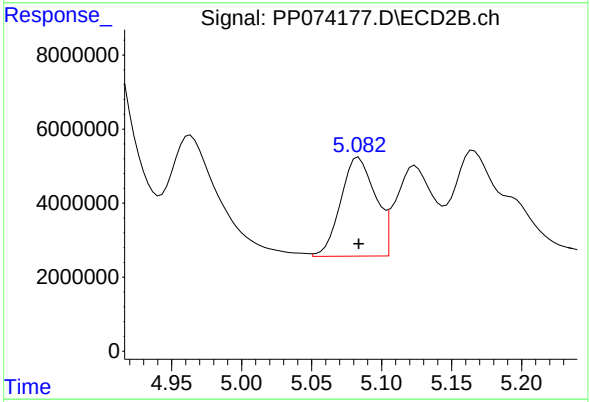
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

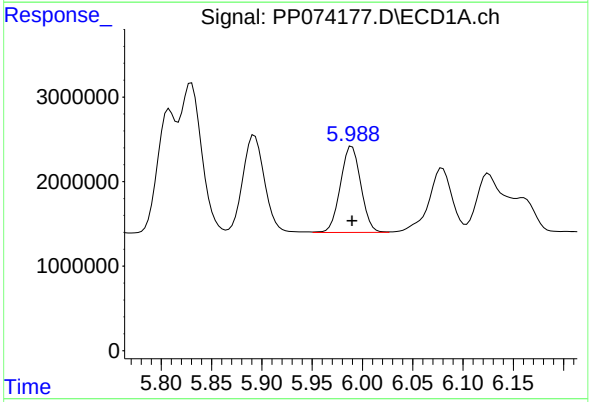
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



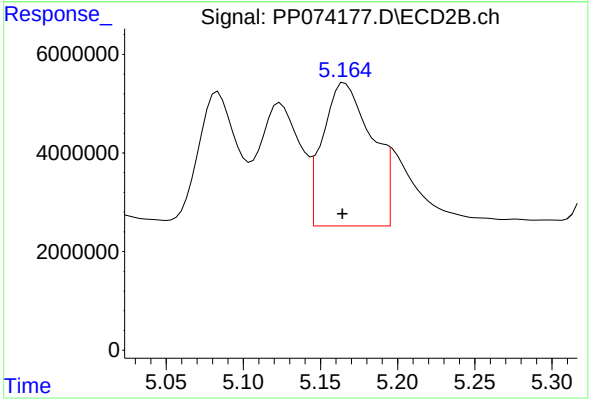
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



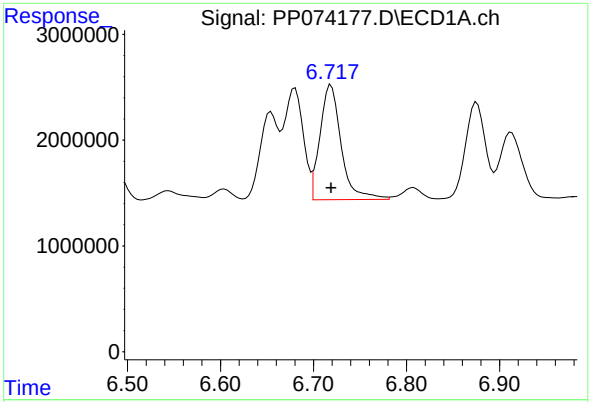
#19 AR-1242-4

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



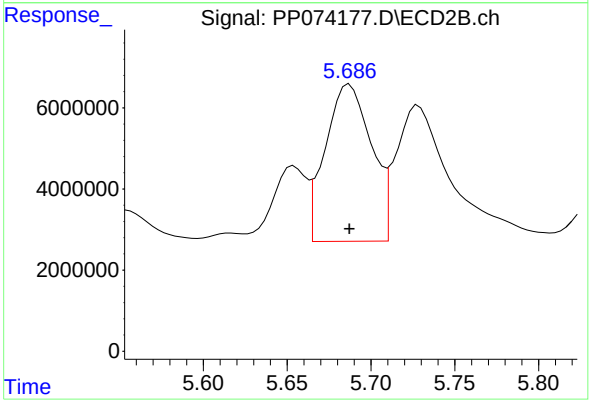
#20 AR-1242-5

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 08/05/2025



#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 08/05/2025

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

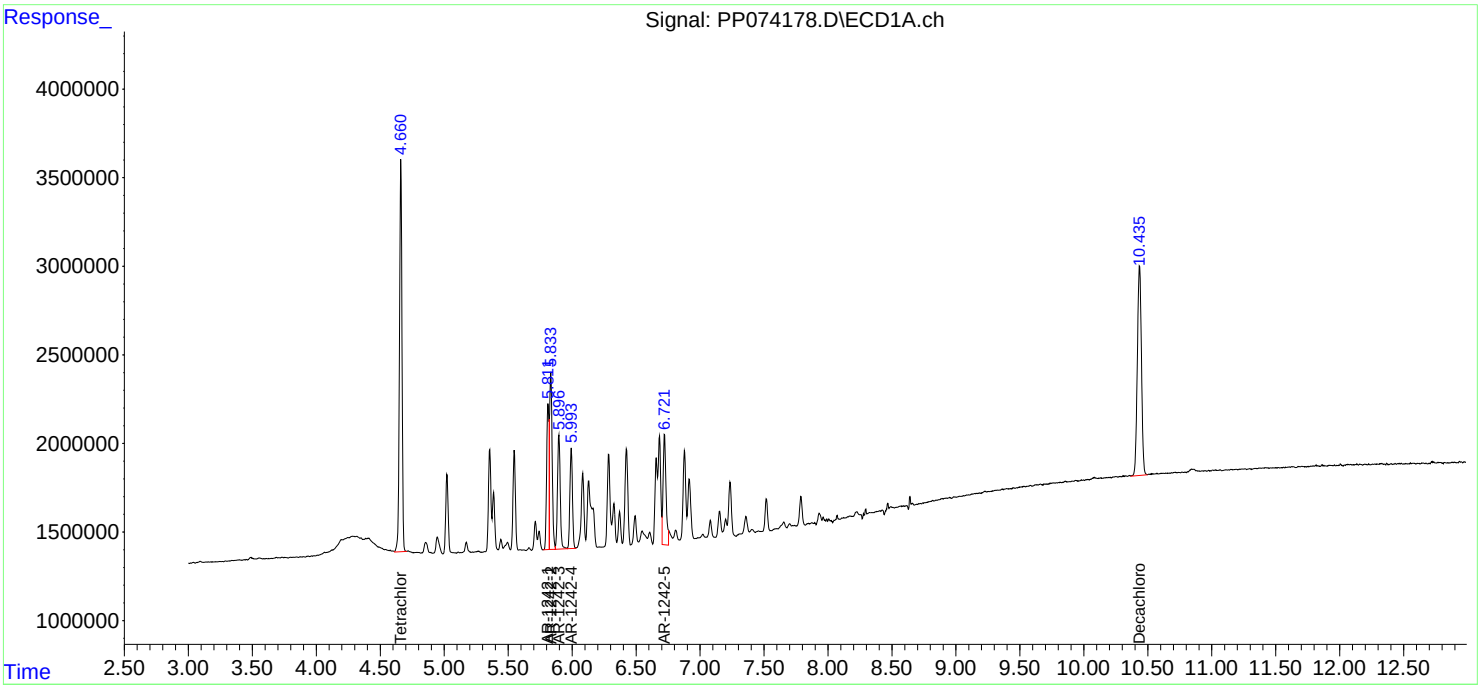
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

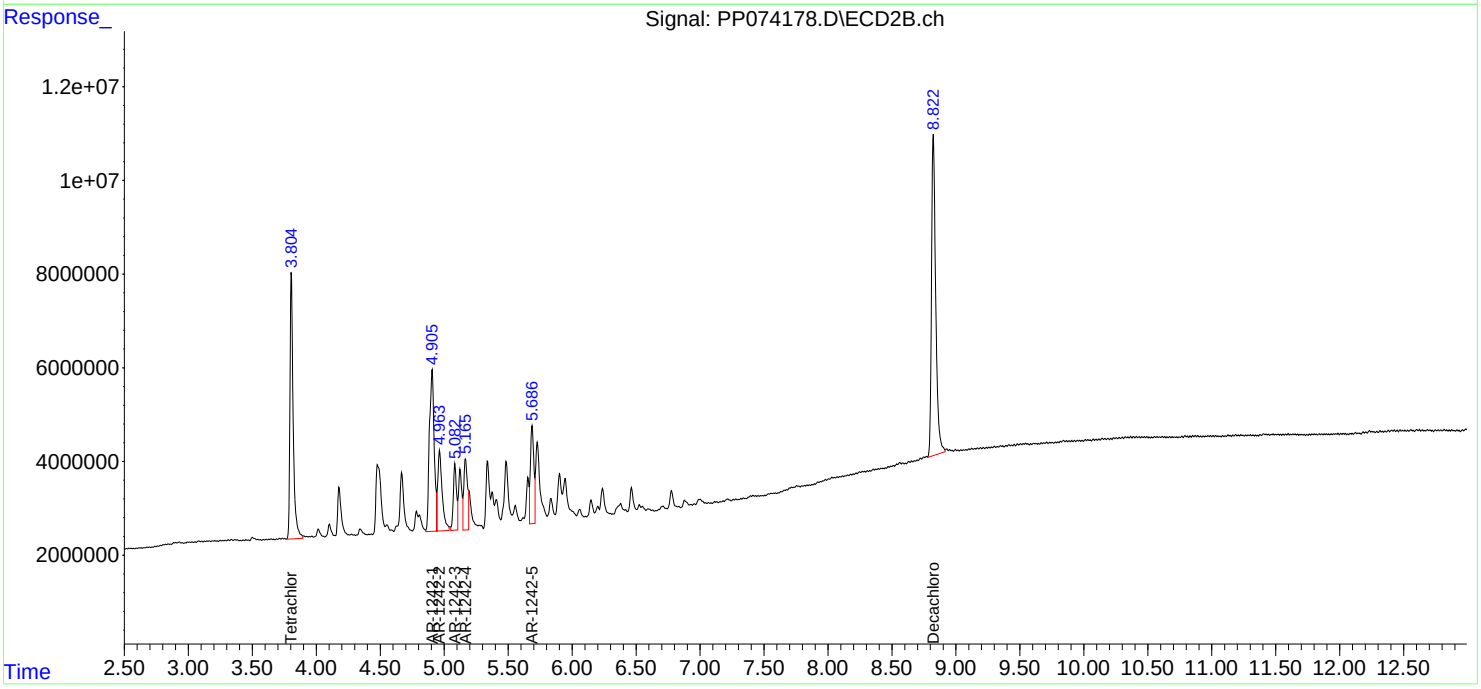
Manual Integrations APPROVED

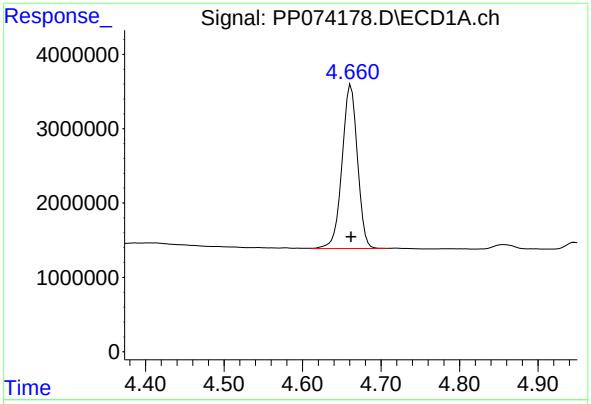
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







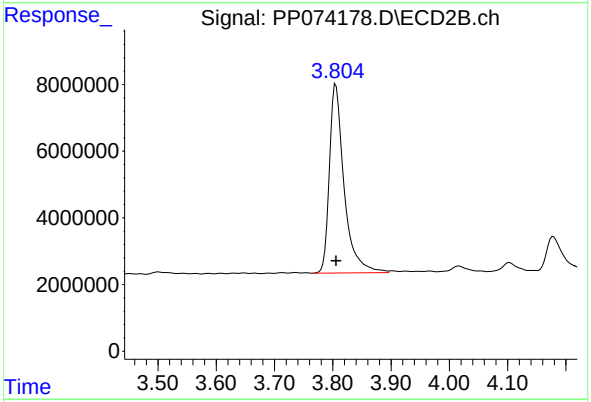
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

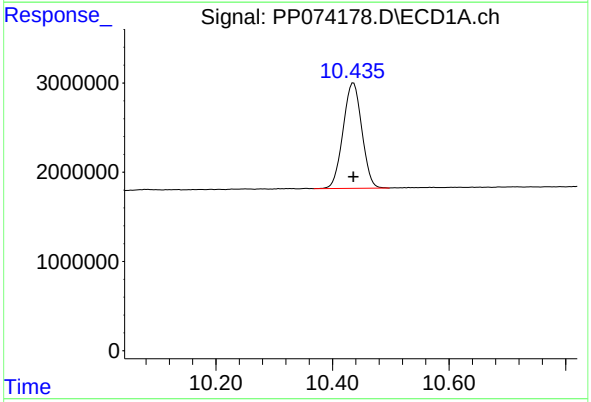
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



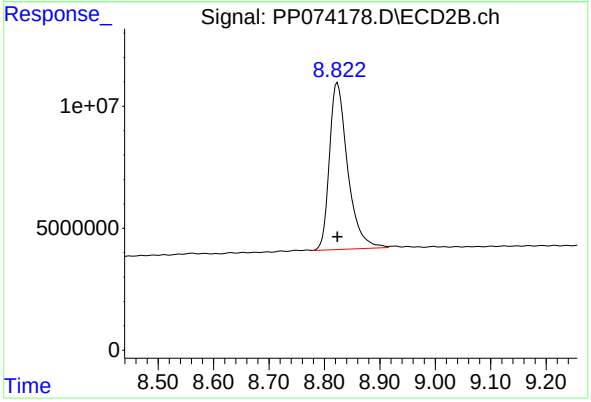
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



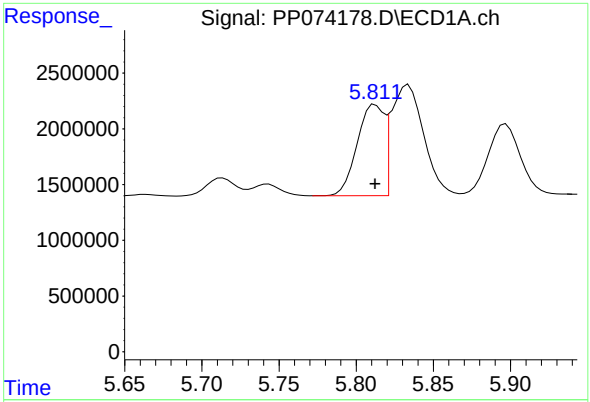
#2 Decachlorobiphenyl

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



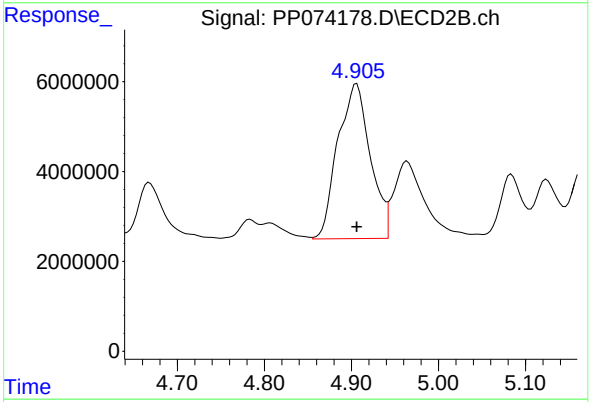
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

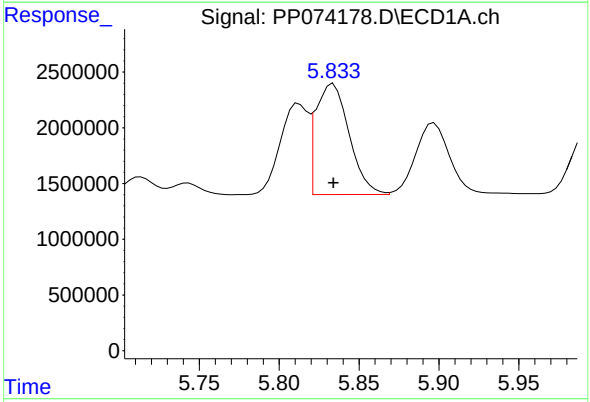
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



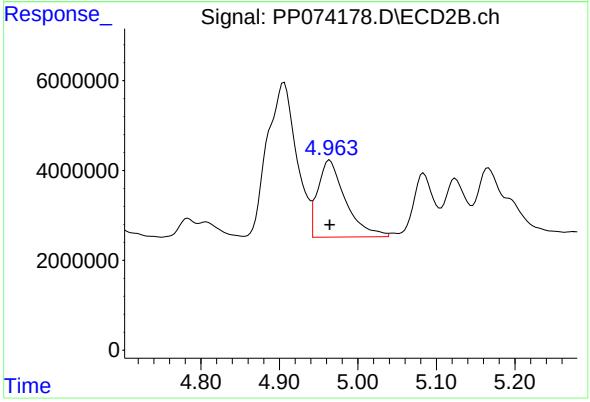
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



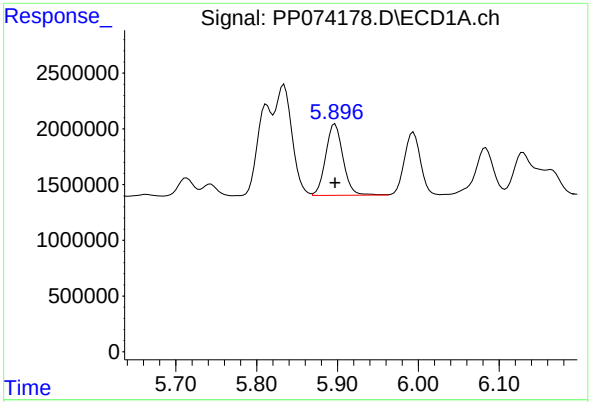
#17 AR-1242-2

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



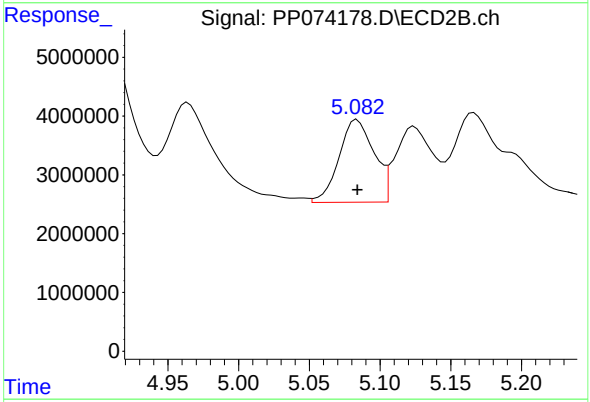
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

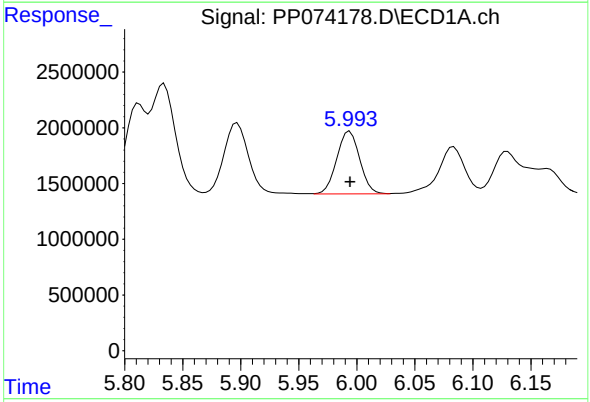
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



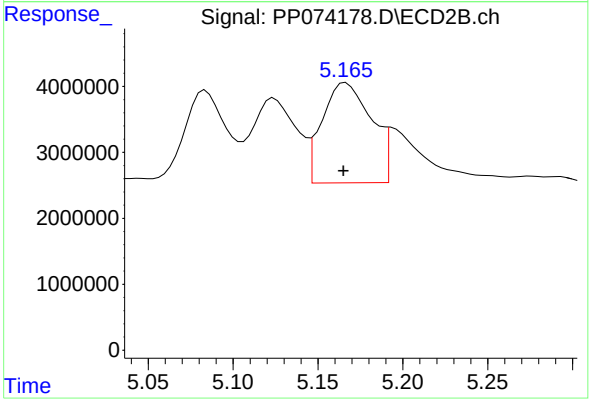
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



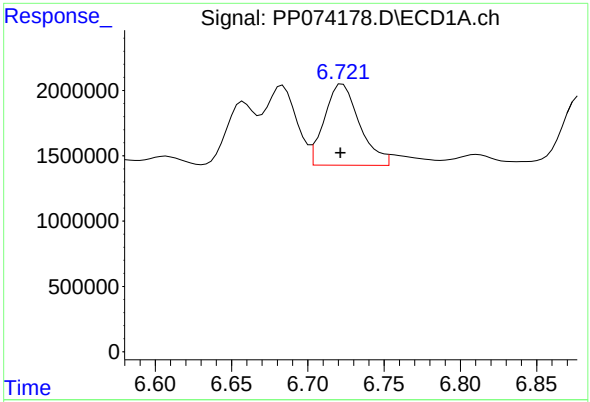
#19 AR-1242-4

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



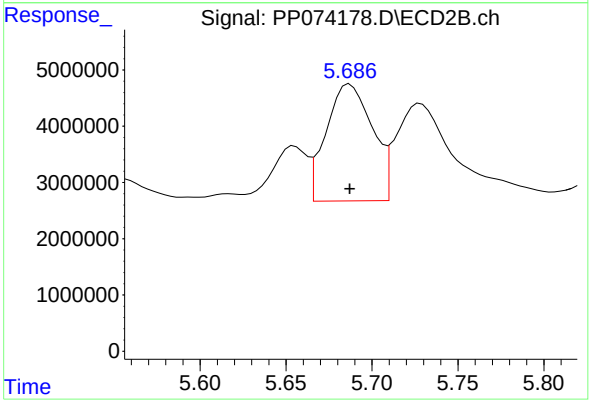
#20 AR-1242-5

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 08/05/2025



#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 08/05/2025

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

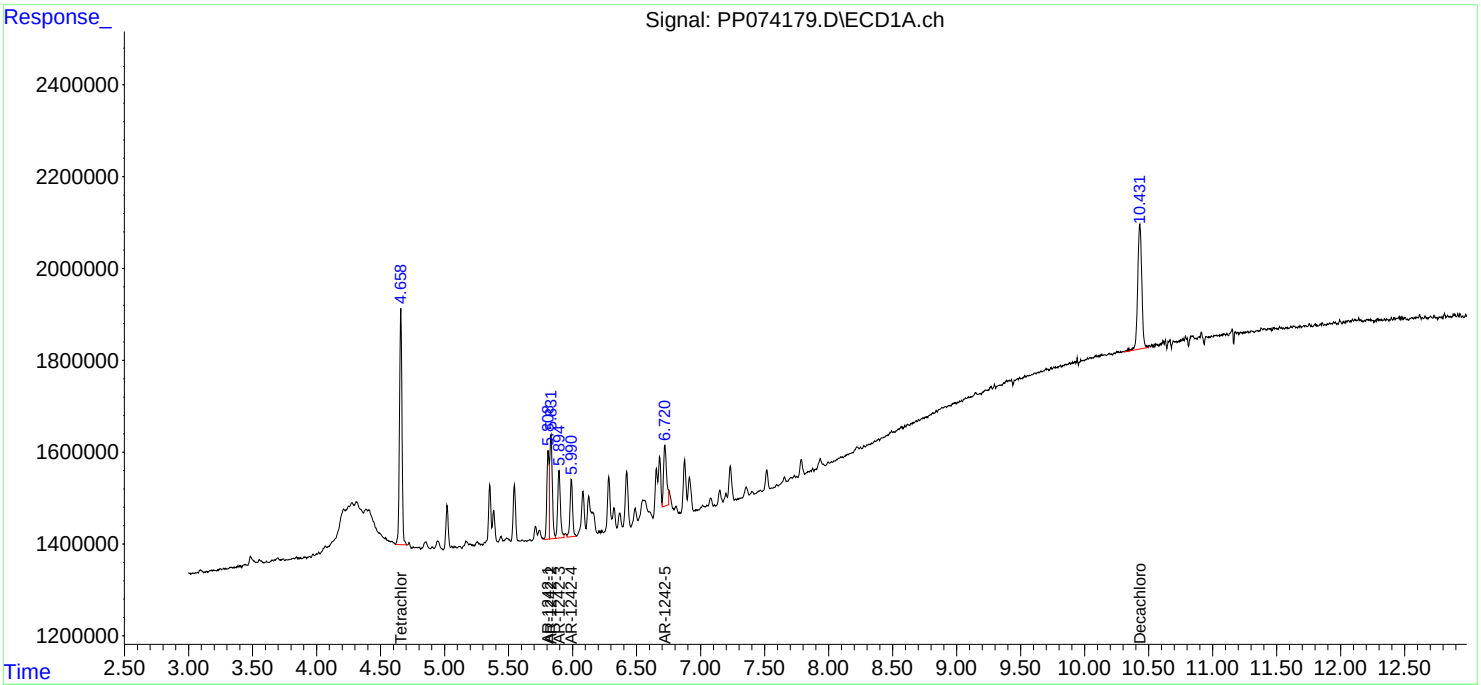
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

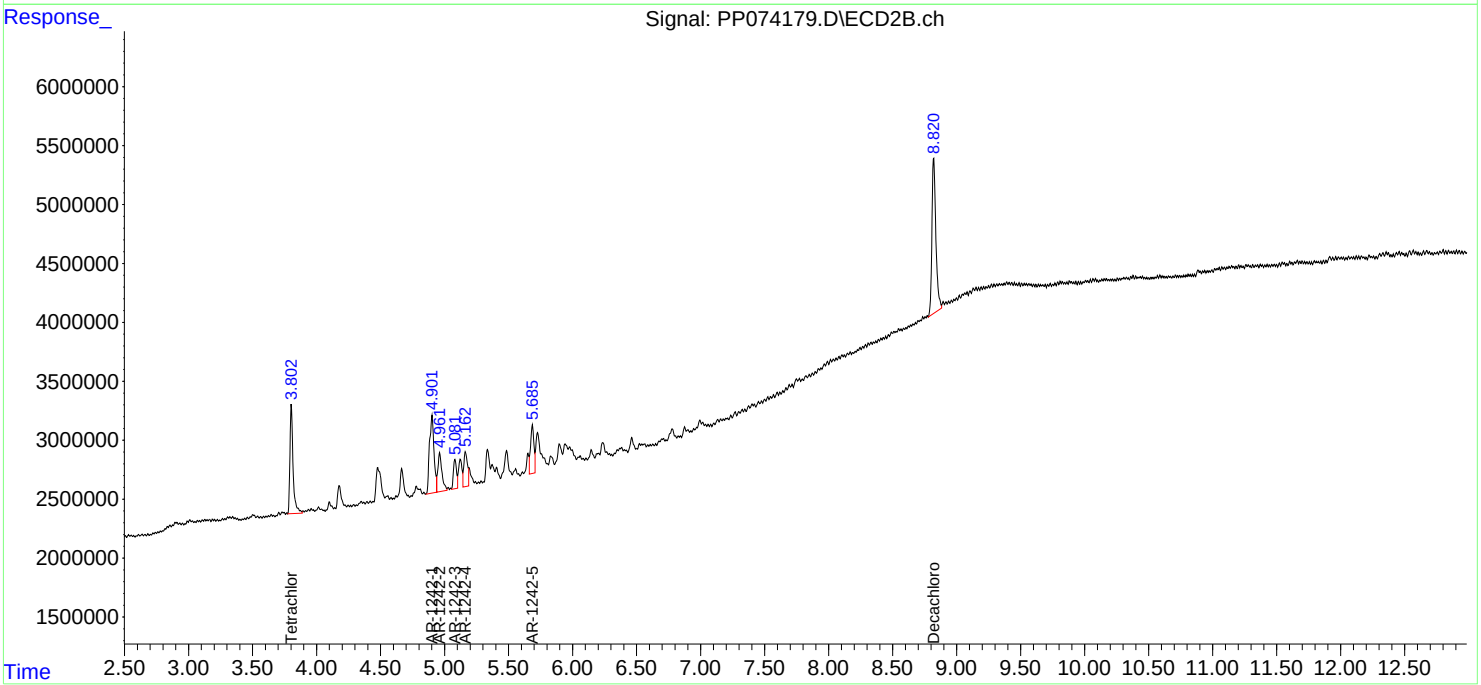
Manual Integrations APPROVED

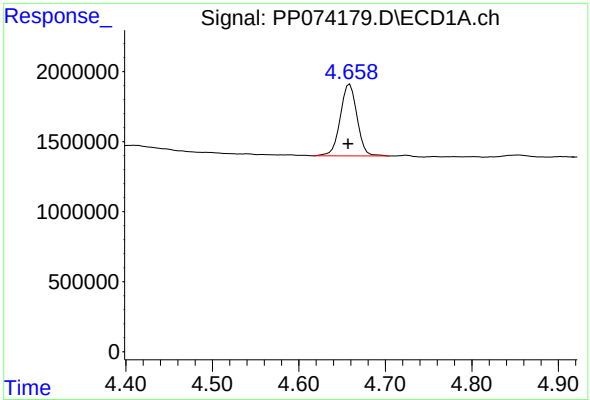
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







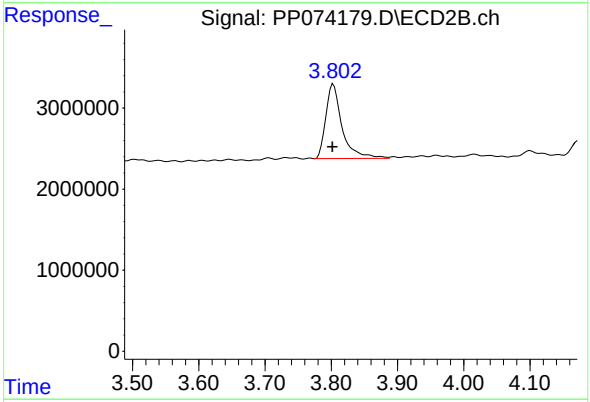
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 6853903
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

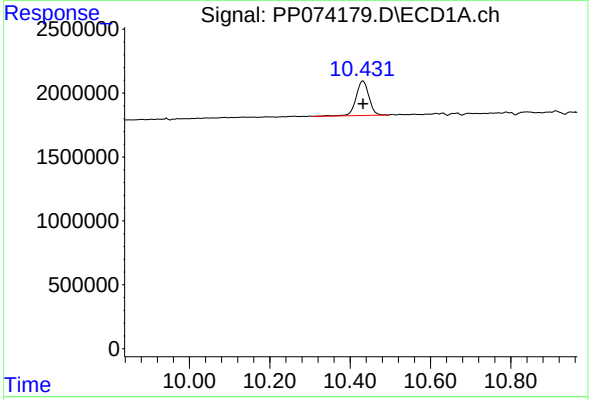
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



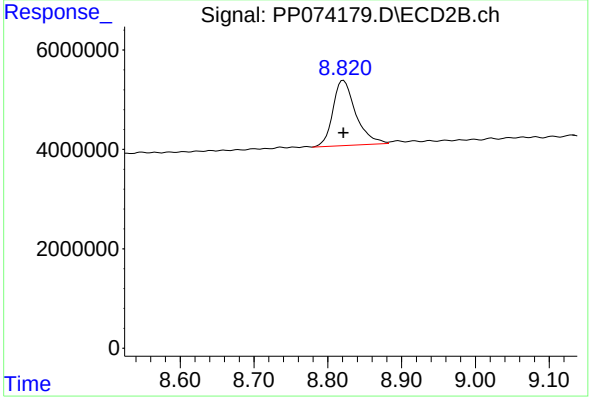
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 15691561
Conc: 3.91 ng/ml m



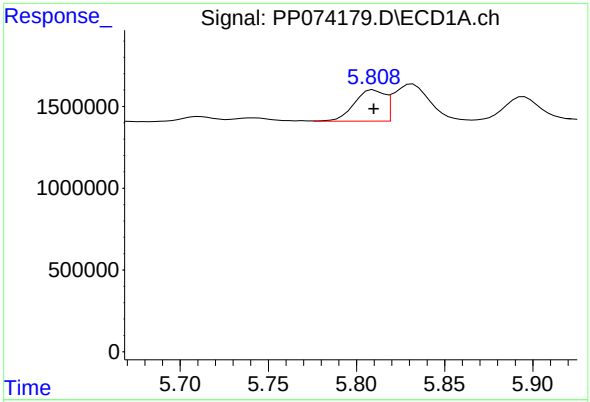
#2 Decachlorobiphenyl

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



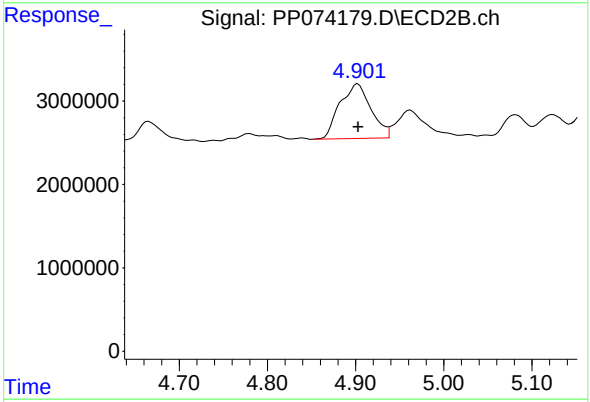
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

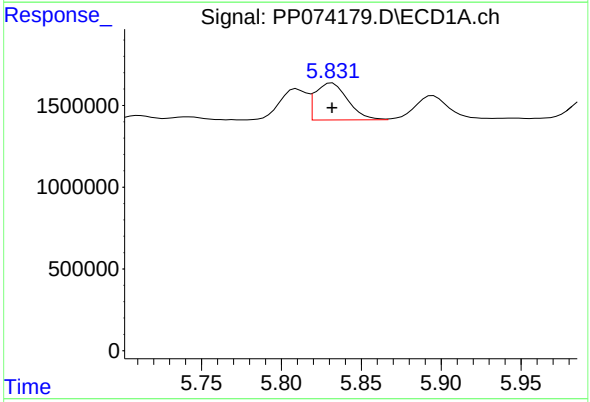
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



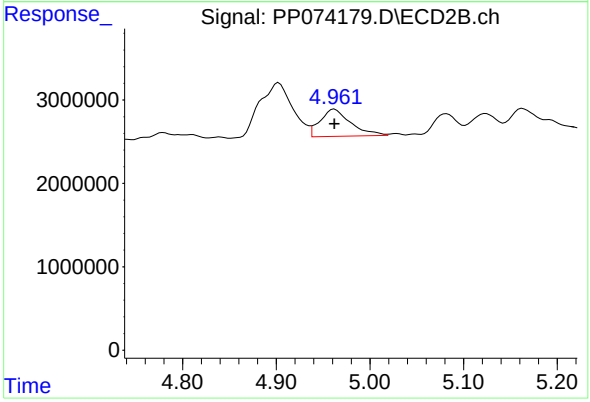
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



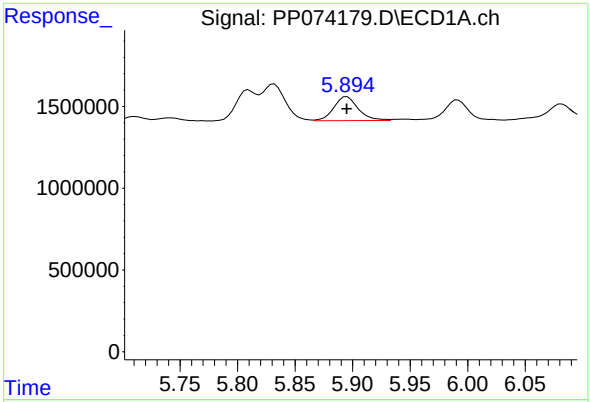
#17 AR-1242-2

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



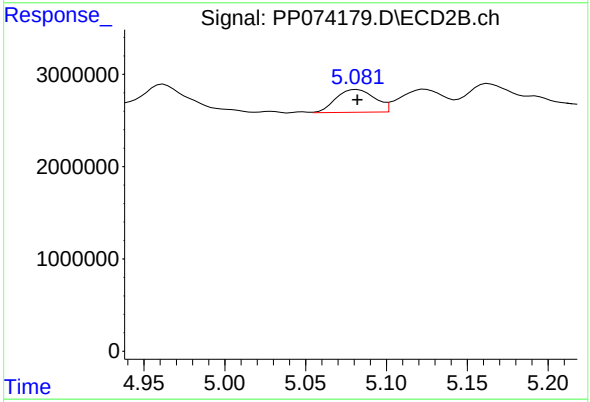
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

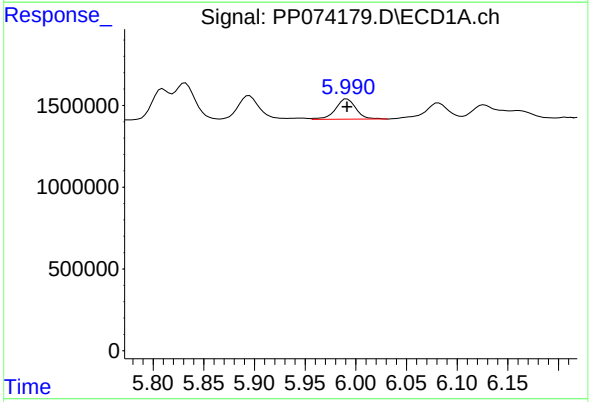
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



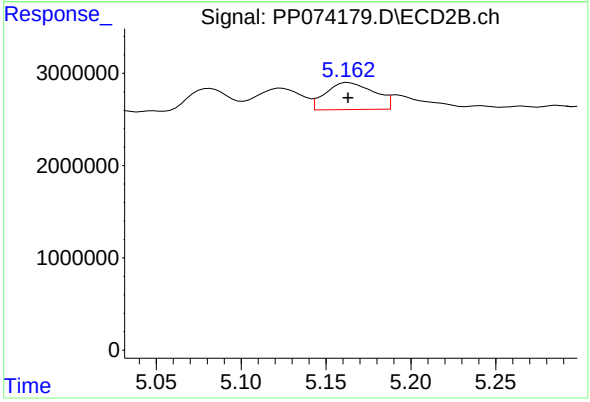
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



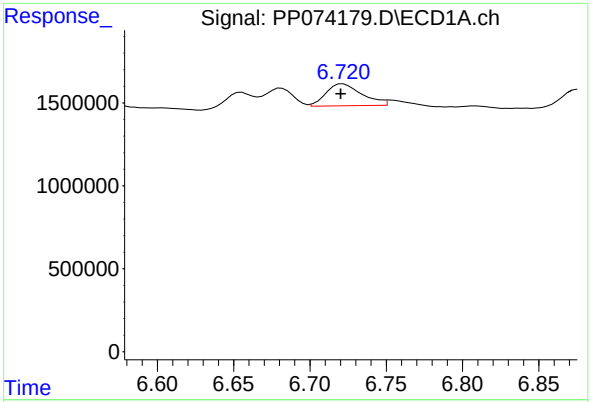
#19 AR-1242-4

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



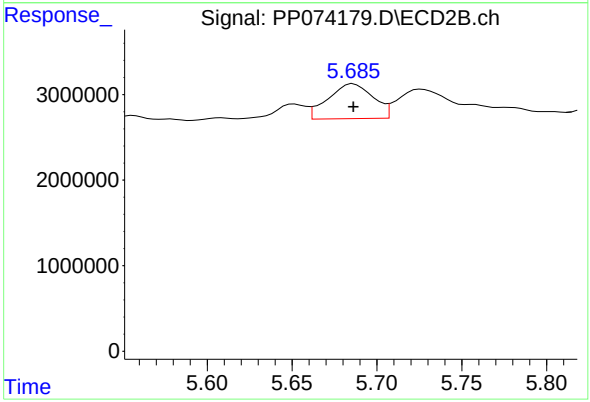
#20 AR-1242-5

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 08/05/2025



#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 : PP074180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:24
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:37 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...	4.661	3.803	106.8E6	438.5E6	97.267	111.165
2)	SA Decachlor...	10.434	8.822	90264623	631.3E6	93.246	103.579
	Target Compounds						
21)	L5 AR-1248-1	5.811	4.902	26012014	227.0E6	916.478	1015.023
22)	L5 AR-1248-2	6.083	5.121	36515572	144.1E6	908.629	975.147
23)	L5 AR-1248-3	6.286	5.161	40868019	173.0E6	915.485	919.736m
24)	L5 AR-1248-4	6.683	5.335	47283684	172.7E6	916.667	1033.883
25)	L5 AR-1248-5	6.722	5.725	46926066	294.5E6	881.404	972.492

(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 : PP074180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:24
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

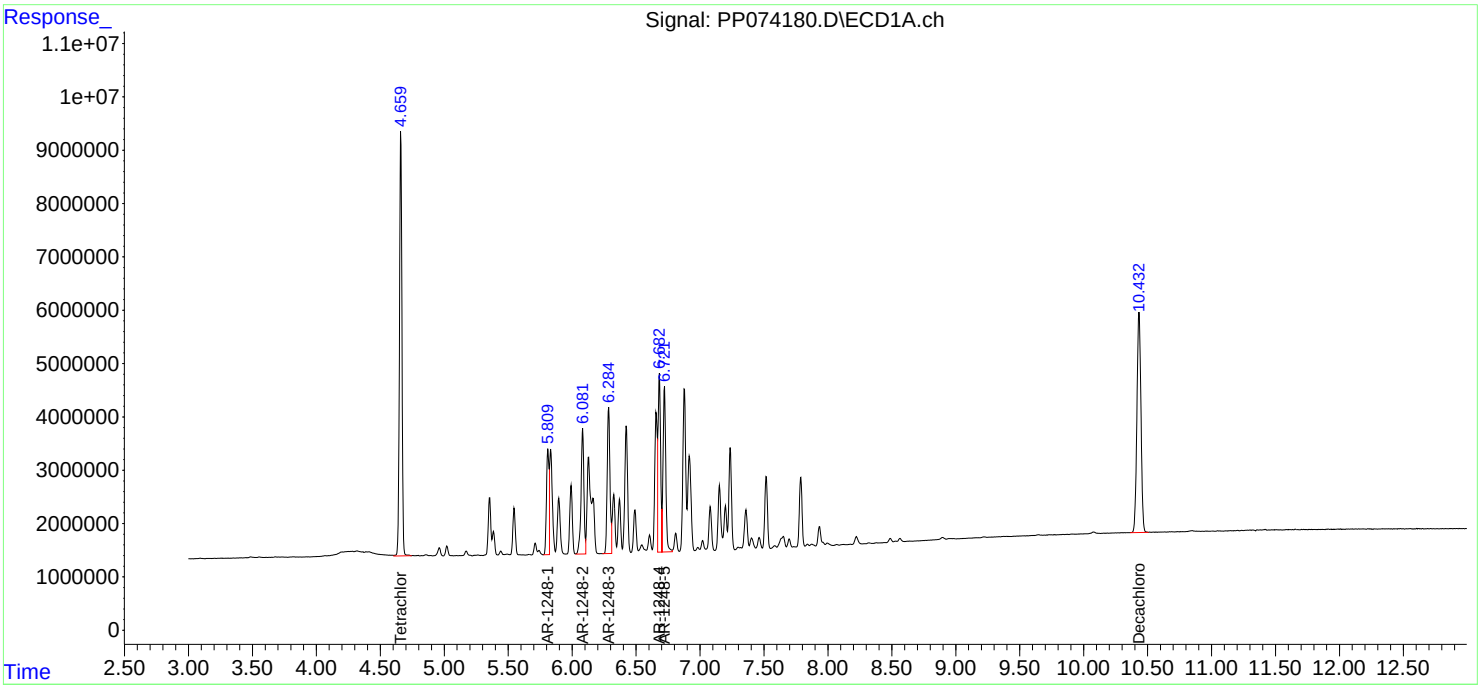
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

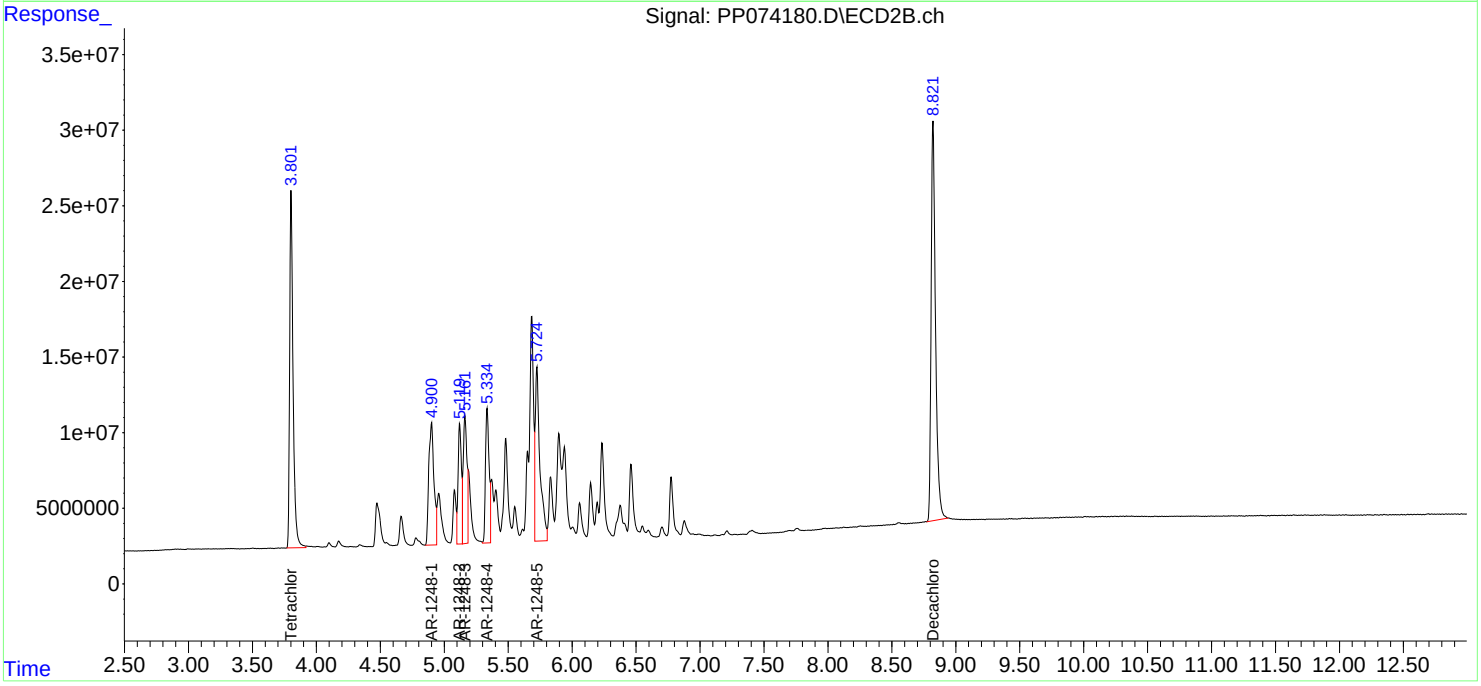
Manual Integrations APPROVED

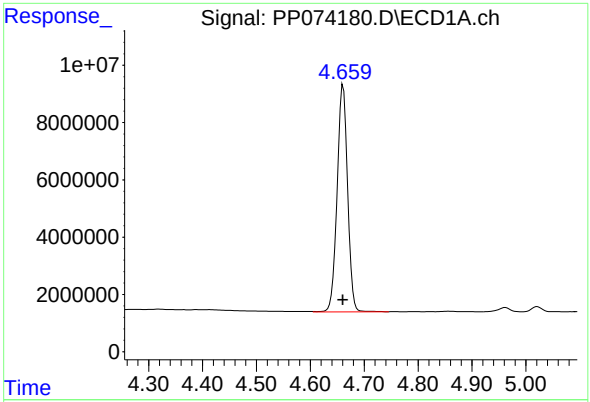
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:37 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







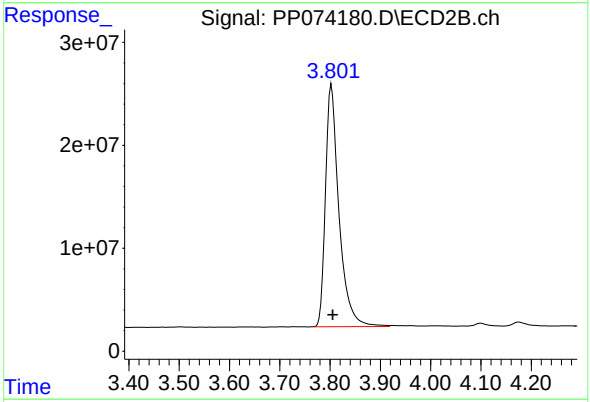
#1 Tetrachloro-m-xylene

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 106843636
Conc: 97.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

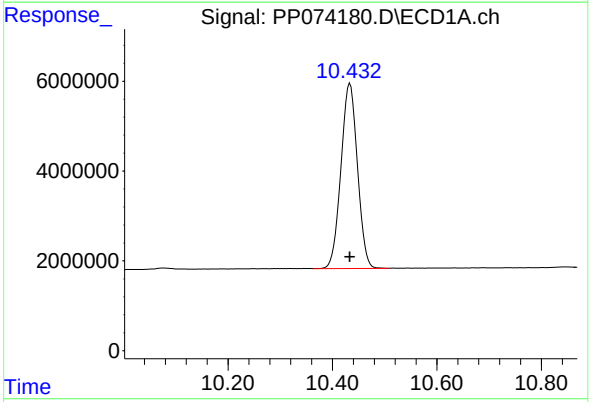
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



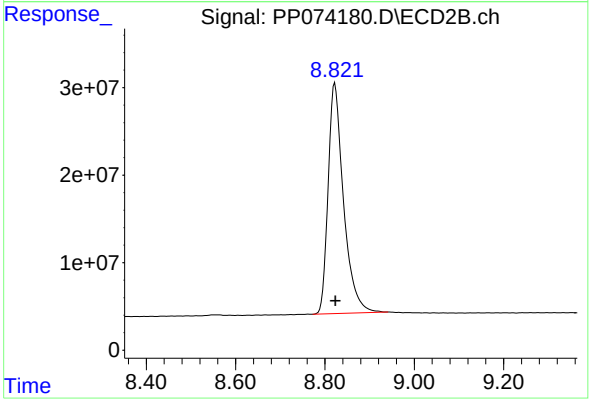
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 438530857
Conc: 111.17 ng/ml



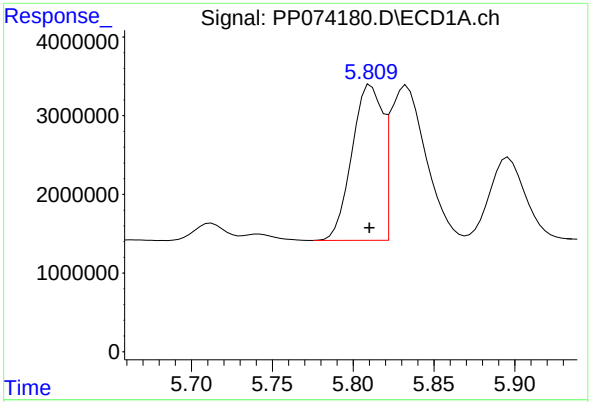
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 90264623
Conc: 93.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.001 min
Response: 631285519
Conc: 103.58 ng/ml



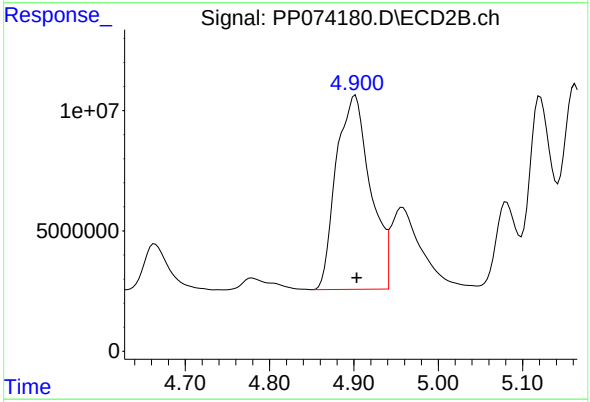
#21 AR-1248-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 26012014
Conc: 916.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

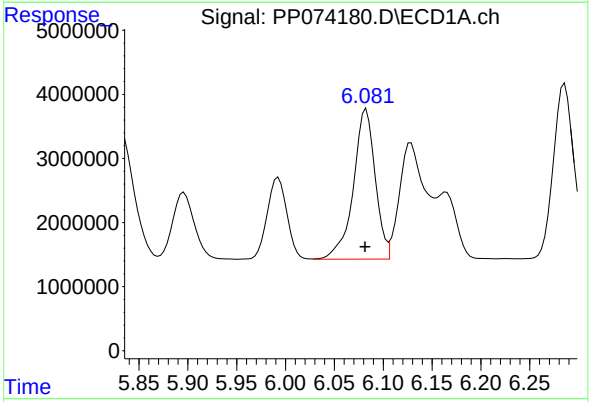
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



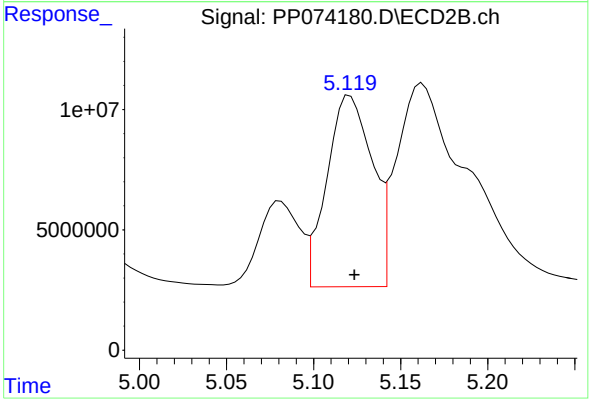
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 226988567
Conc: 1015.02 ng/ml



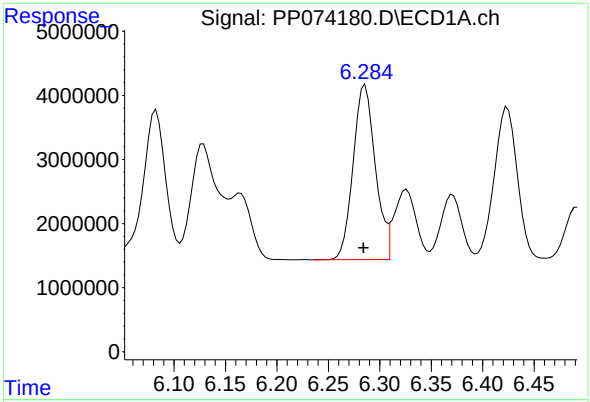
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.001 min
Response: 36515572
Conc: 908.63 ng/ml



#22 AR-1248-2

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 144097829
Conc: 975.15 ng/ml



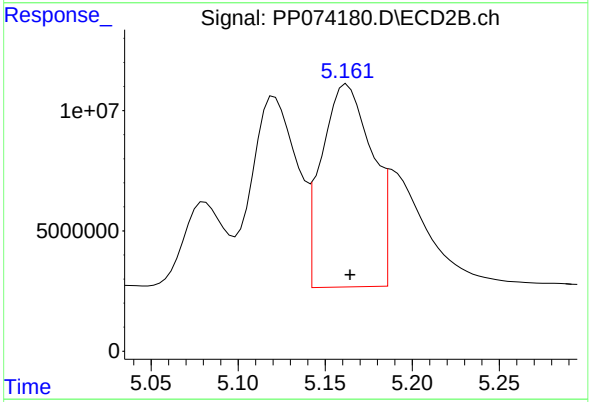
#23 AR-1248-3

R.T.: 6.286 min
Delta R.T.: 0.002 min
Response: 40868019
Conc: 915.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

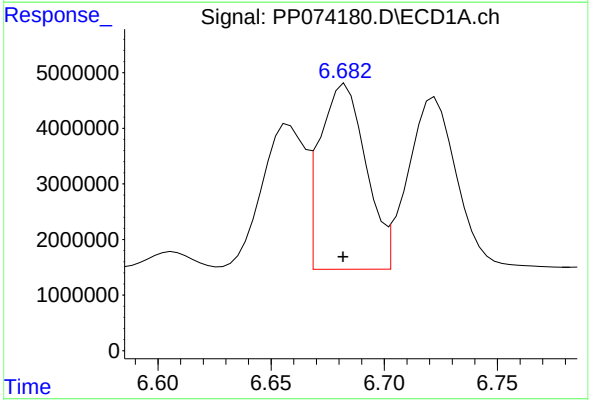
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



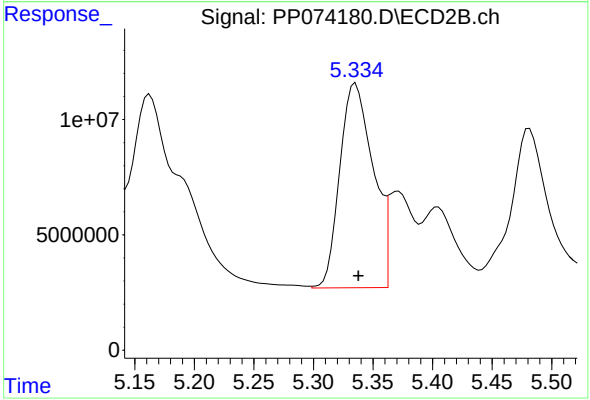
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 172976729
Conc: 919.74 ng/ml m



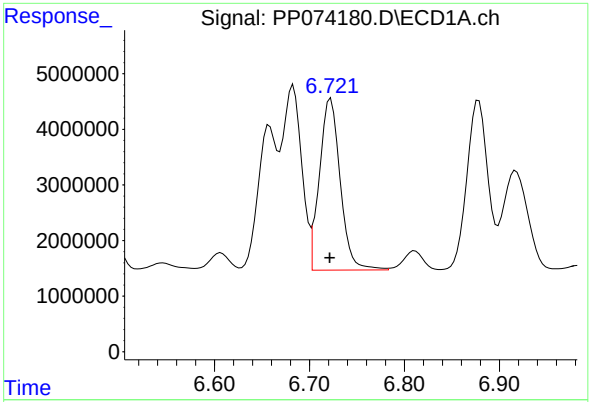
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 47283684
Conc: 916.67 ng/ml



#24 AR-1248-4

R.T.: 5.335 min
Delta R.T.: -0.002 min
Response: 172717217
Conc: 1033.88 ng/ml



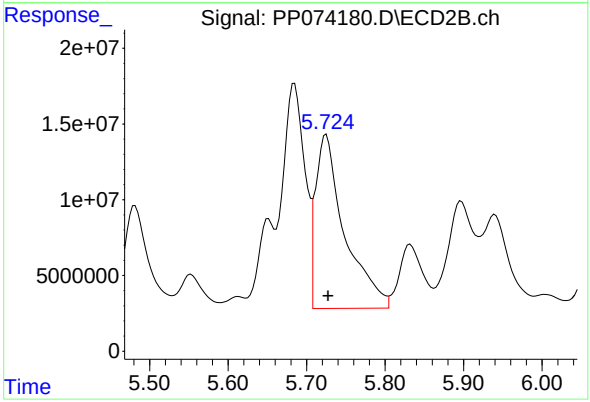
#25 AR-1248-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 46926066
Conc: 881.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#25 AR-1248-5

R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 294453856
Conc: 972.49 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:41
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:59 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...	4.657	3.805	80710571	322.6E6	73.476	81.788
2)	SA Decachlor...	10.431	8.824	70347525	475.6E6	72.671	78.041
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.904	20449841	172.5E6	720.506	771.319
22)	L5 AR-1248-2	6.079	5.123	28689235	112.6E6	713.884	761.783
23)	L5 AR-1248-3	6.282	5.164	31809127	133.6E6	712.557	710.304m
24)	L5 AR-1248-4	6.679	5.337	36623513	131.6E6	710.003	787.982
25)	L5 AR-1248-5	6.719	5.727	37078586	221.6E6	696.441	731.726

(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 : PP074181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:41
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

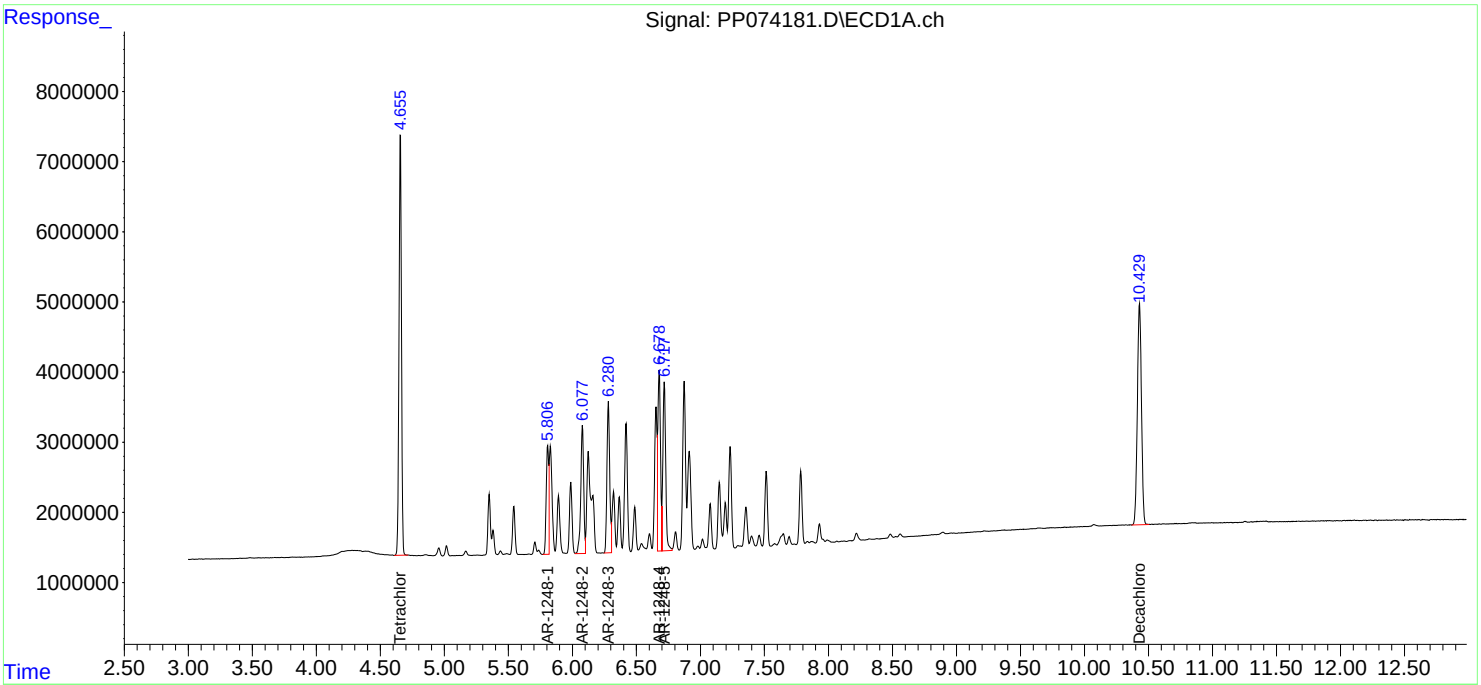
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

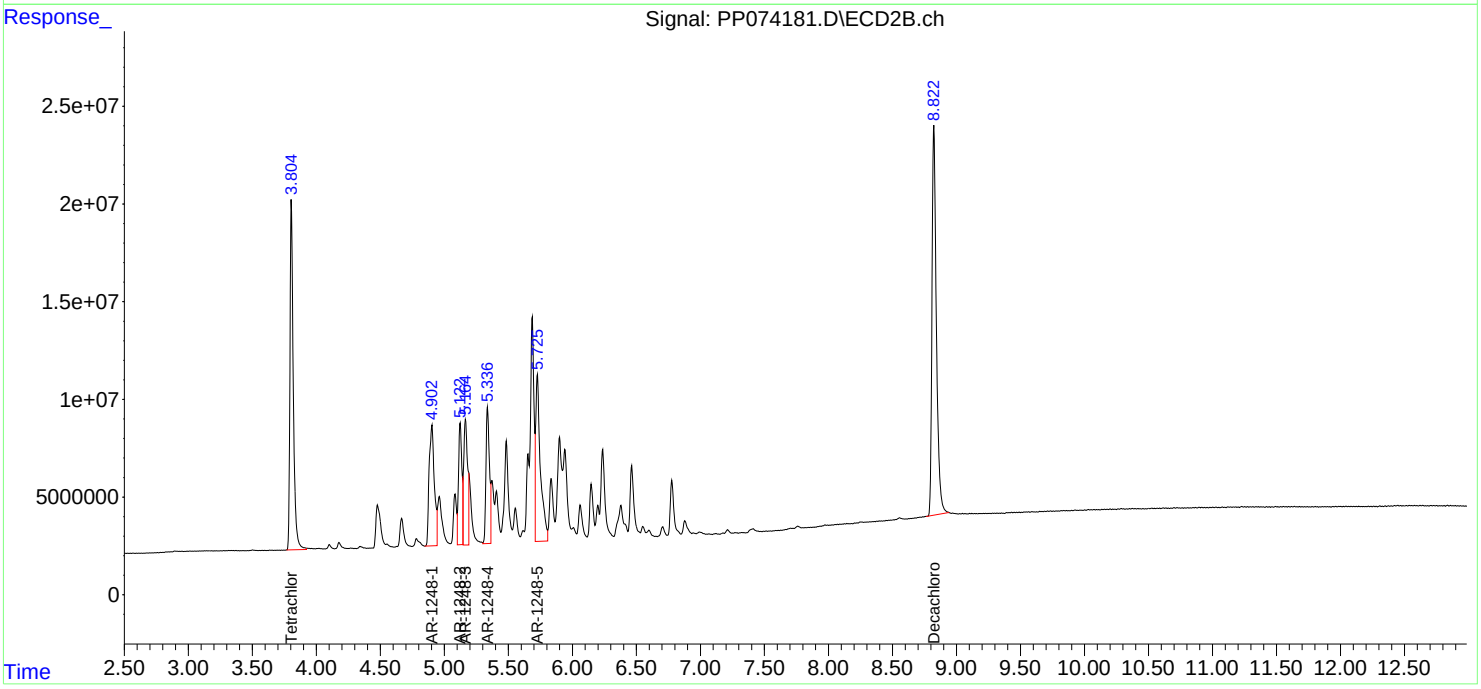
Manual Integrations APPROVED

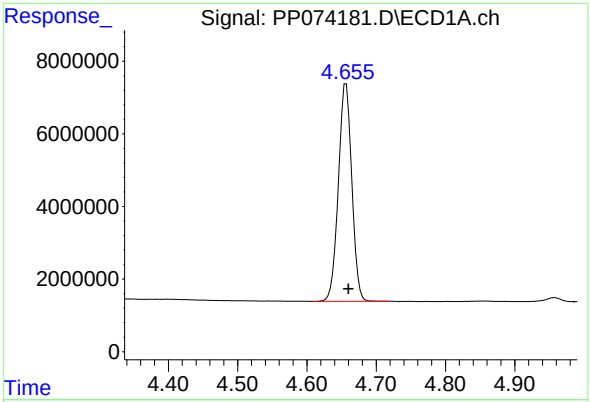
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:59 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







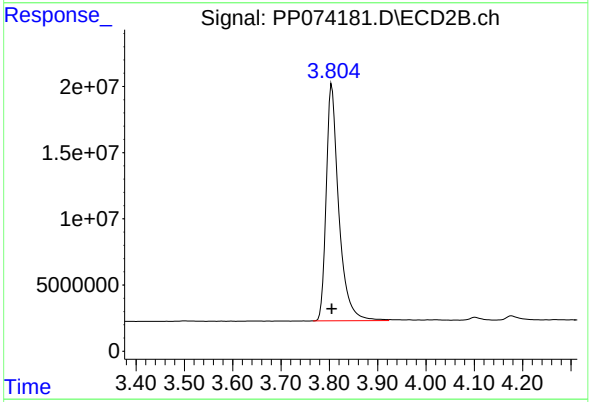
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 80710571
Conc: 73.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

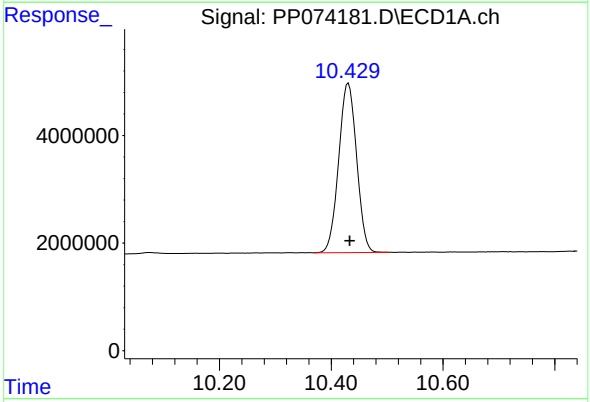
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



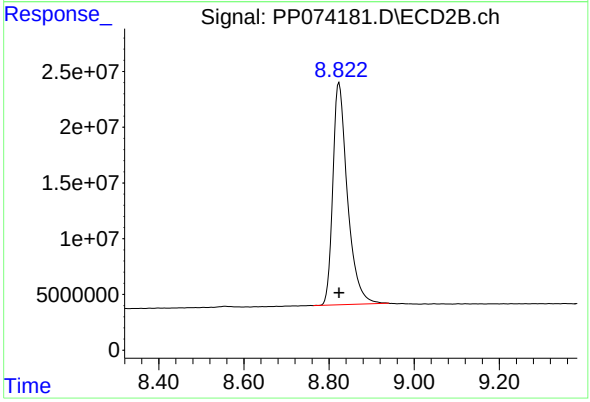
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 322643021
Conc: 81.79 ng/ml



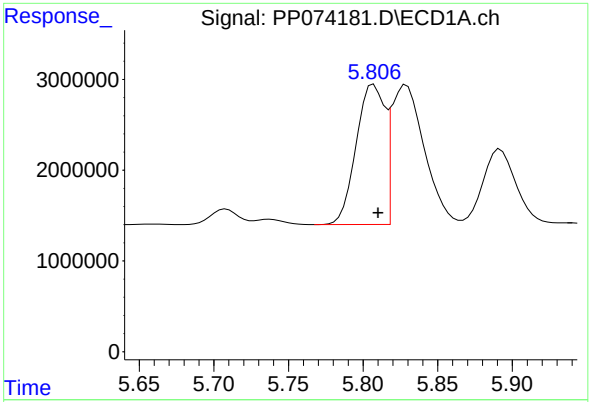
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.002 min
Response: 70347525
Conc: 72.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 475637246
Conc: 78.04 ng/ml



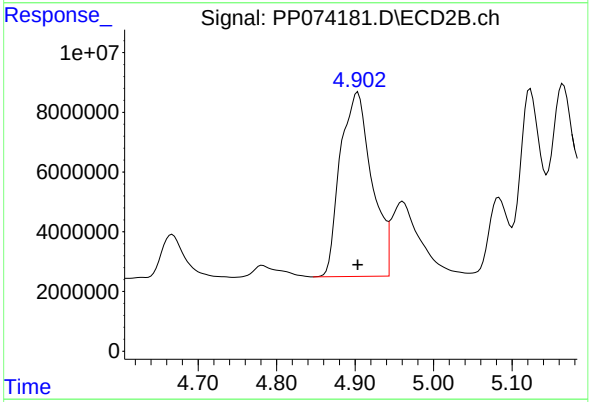
#21 AR-1248-1

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 20449841
Conc: 720.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

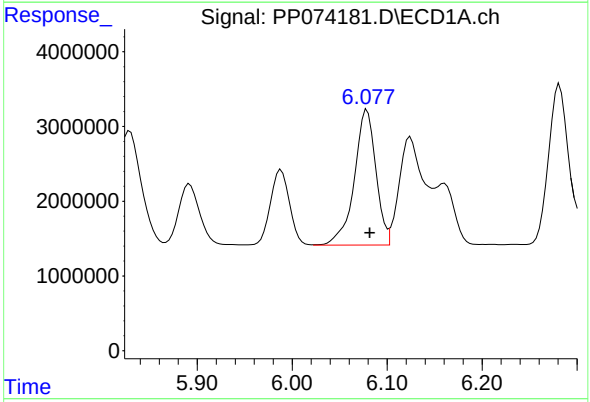
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



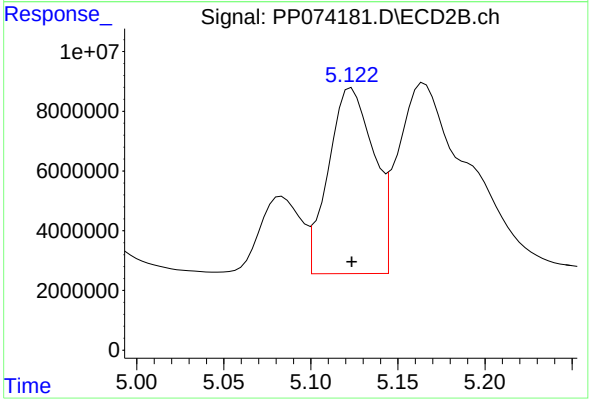
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 172489224
Conc: 771.32 ng/ml



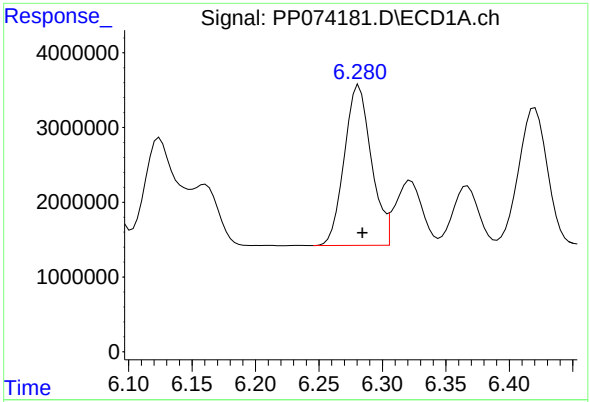
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 28689235
Conc: 713.88 ng/ml



#22 AR-1248-2

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 112568987
Conc: 761.78 ng/ml



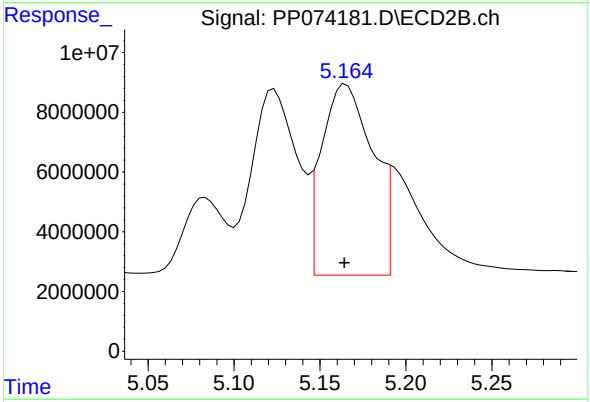
#23 AR-1248-3

R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 31809127
Conc: 712.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

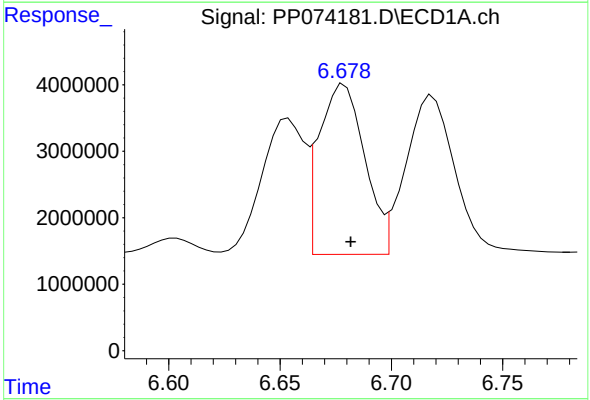
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



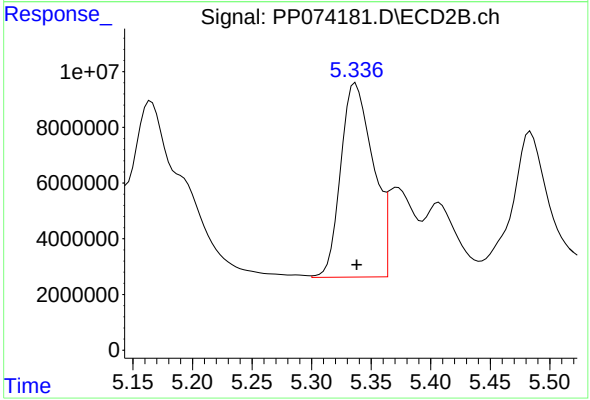
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 133588483
Conc: 710.30 ng/ml m



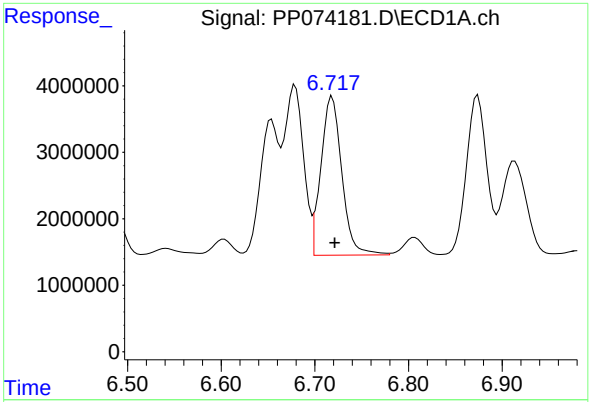
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 36623513
Conc: 710.00 ng/ml



#24 AR-1248-4

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 131637723
Conc: 787.98 ng/ml



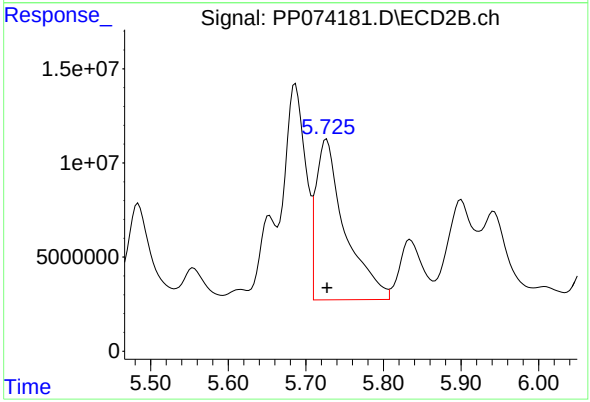
#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: -0.003 min
Response: 37078586
Conc: 696.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 221554076
Conc: 731.73 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 08/05/2025

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

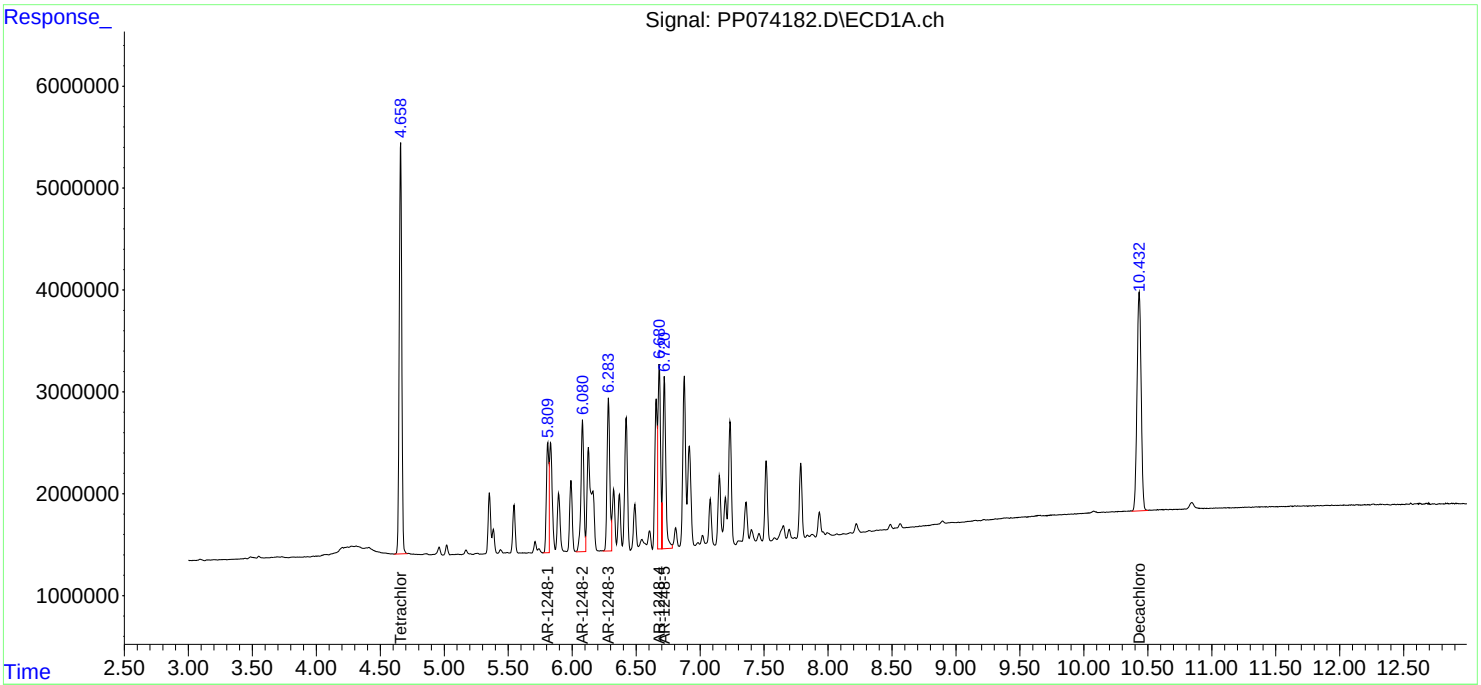
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

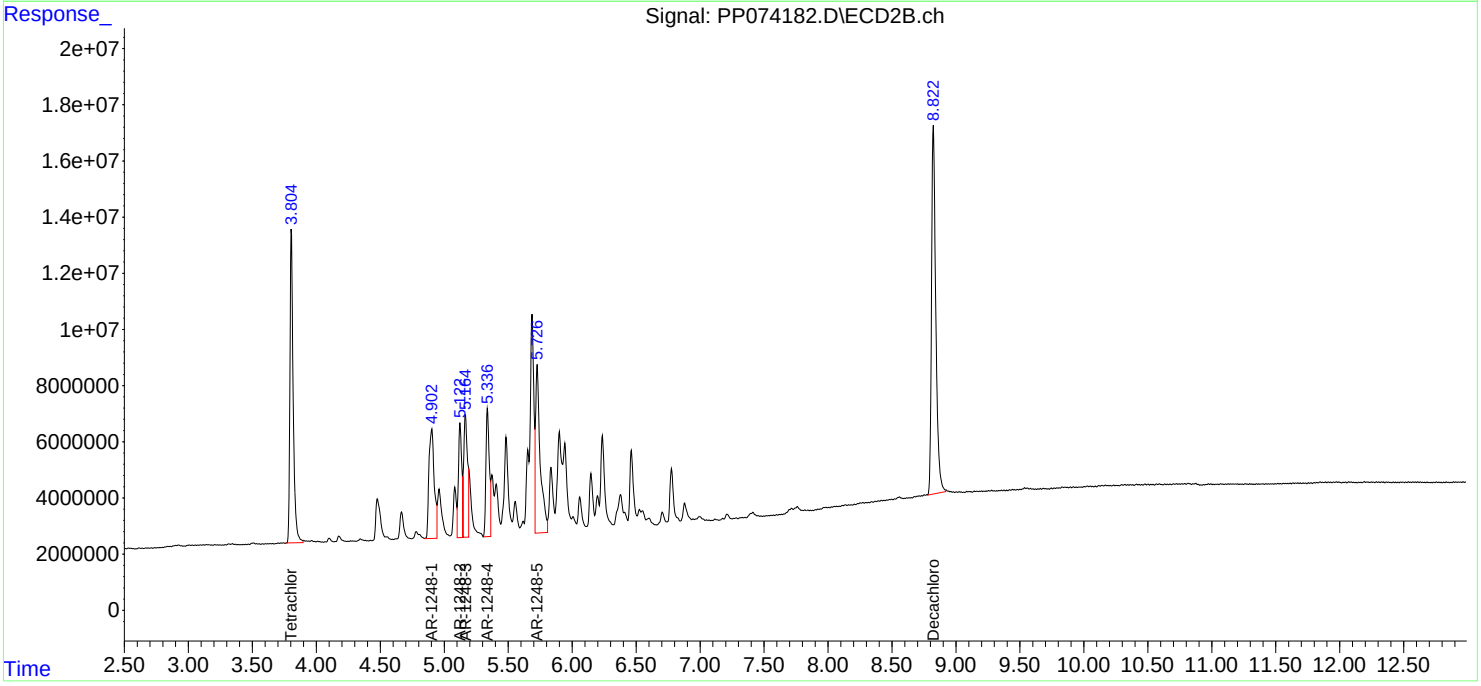
Manual Integrations APPROVED

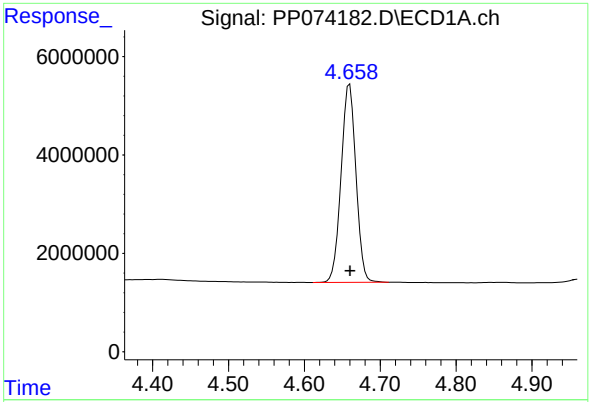
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







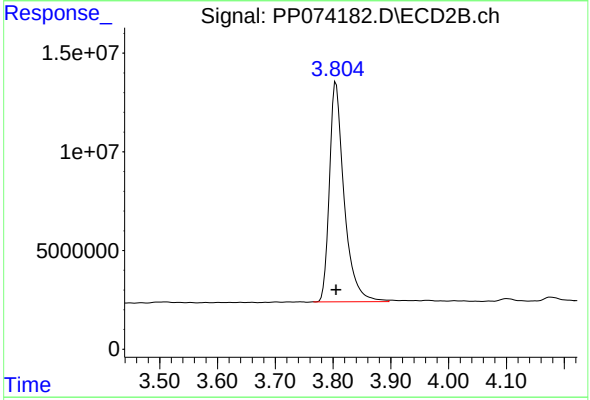
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

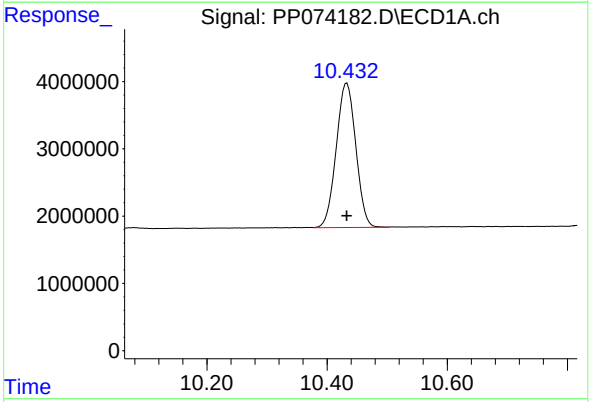
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



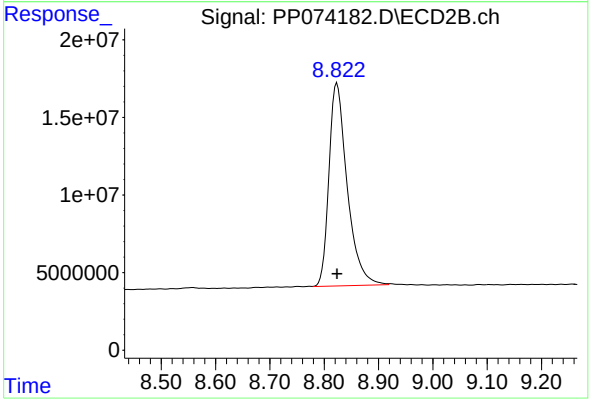
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



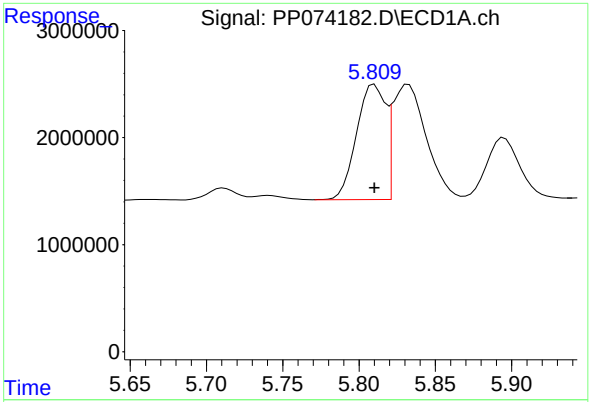
#2 Decachlorobiphenyl

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



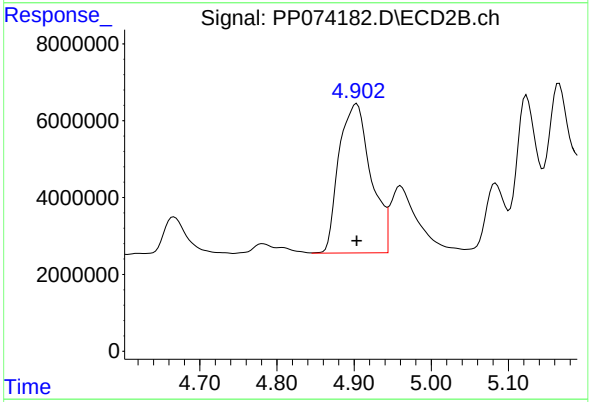
#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

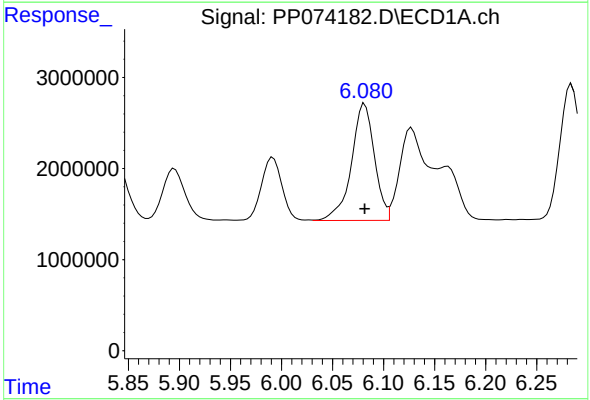
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



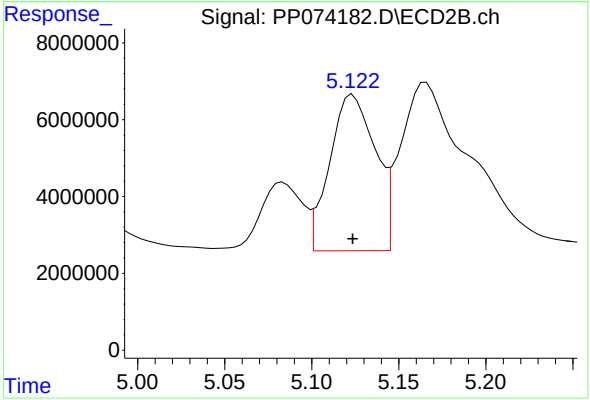
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



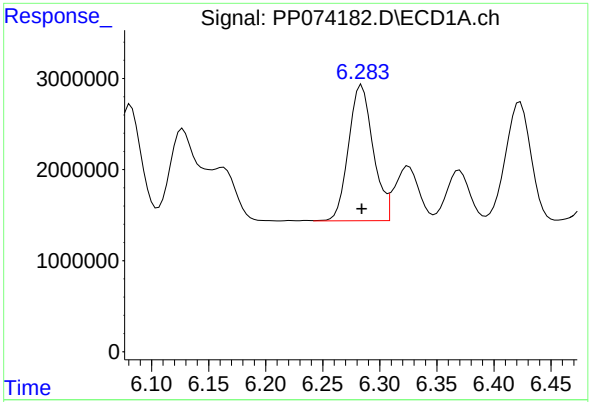
#22 AR-1248-2

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



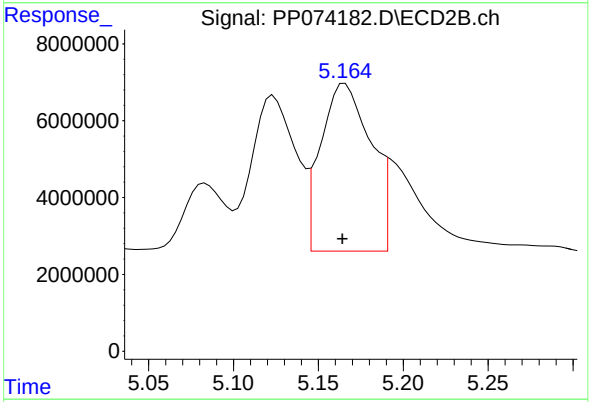
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

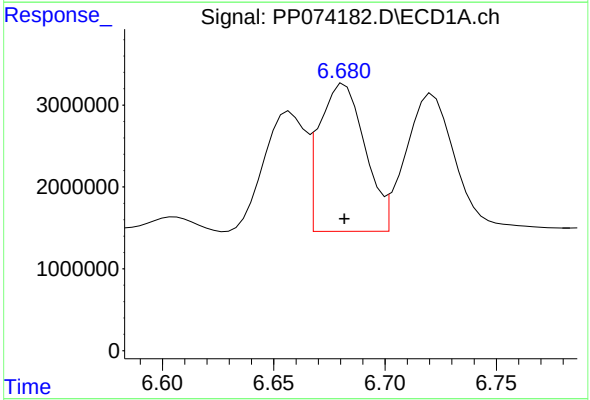
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



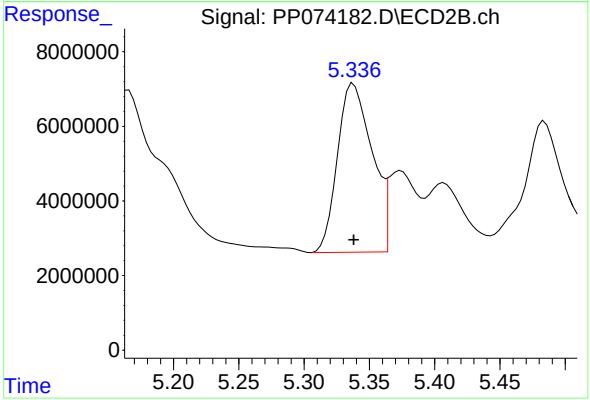
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 89773071
Conc: 477.33 ng/ml m



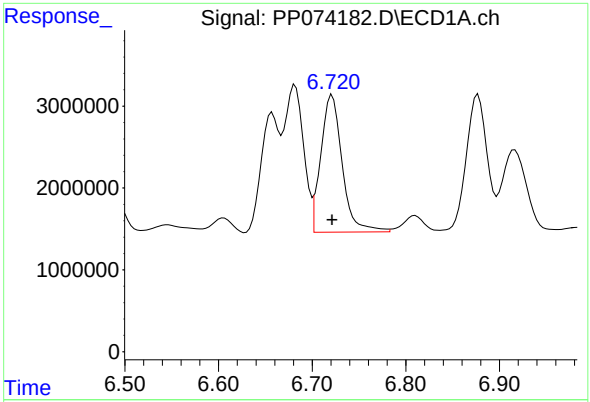
#24 AR-1248-4

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



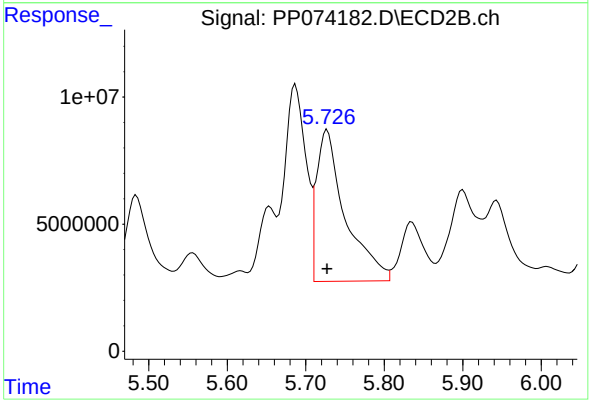
#25 AR-1248-5

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 08/05/2025



#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 : PP074183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:13
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:42 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...	4.658	3.803	30204378	97138985	27.497	24.624
2)	SA Decachlor...	10.432	8.822	26634667	155.2E6	27.514	25.462
	Target Compounds						
21)	L5 AR-1248-1	5.809	4.902	8094387	58805600	285.188	262.961
22)	L5 AR-1248-2	6.080	5.123	11513534	39336577	286.495	266.201
23)	L5 AR-1248-3	6.284	5.164	12904204	44786967	289.067	238.137m
24)	L5 AR-1248-4	6.681	5.336	14893139	44358232	288.727	265.528
25)	L5 AR-1248-5	6.720	5.726	16656065	78356187	312.848	258.787

(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 : PP074183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:13
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

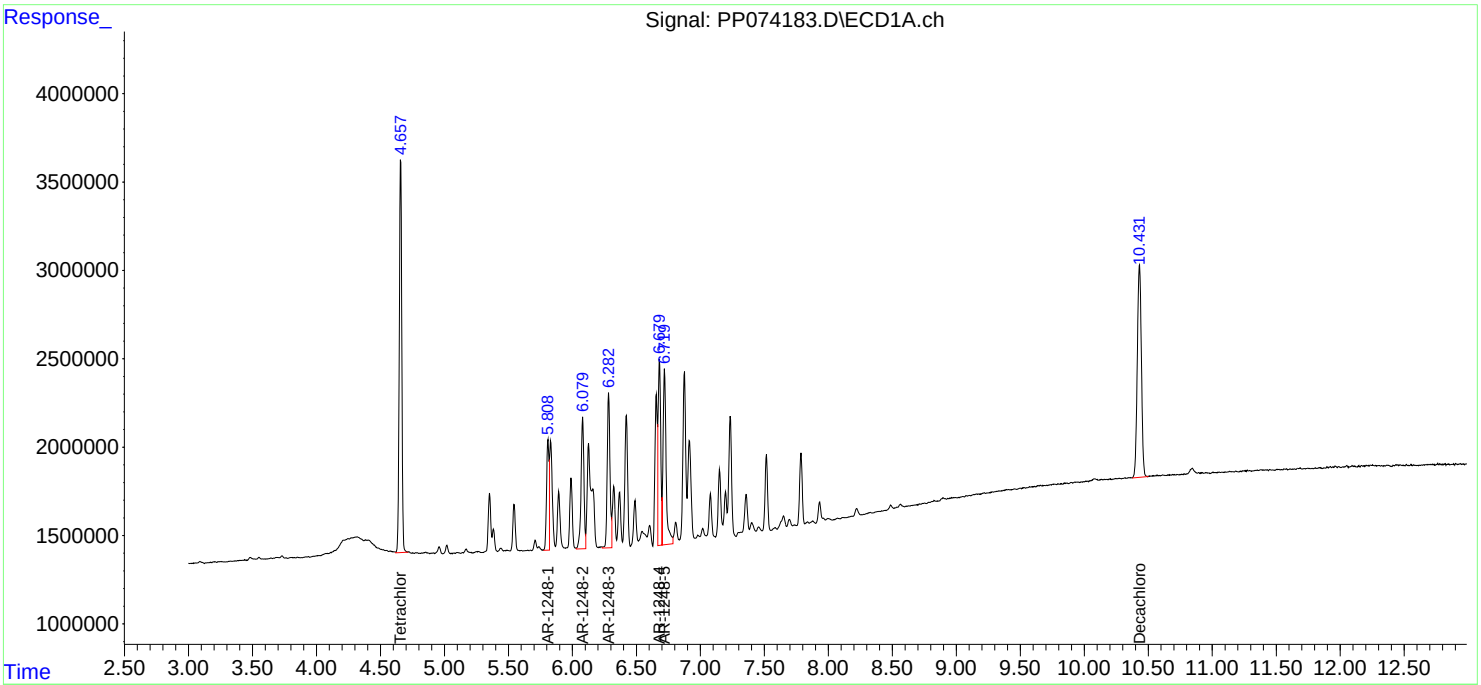
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

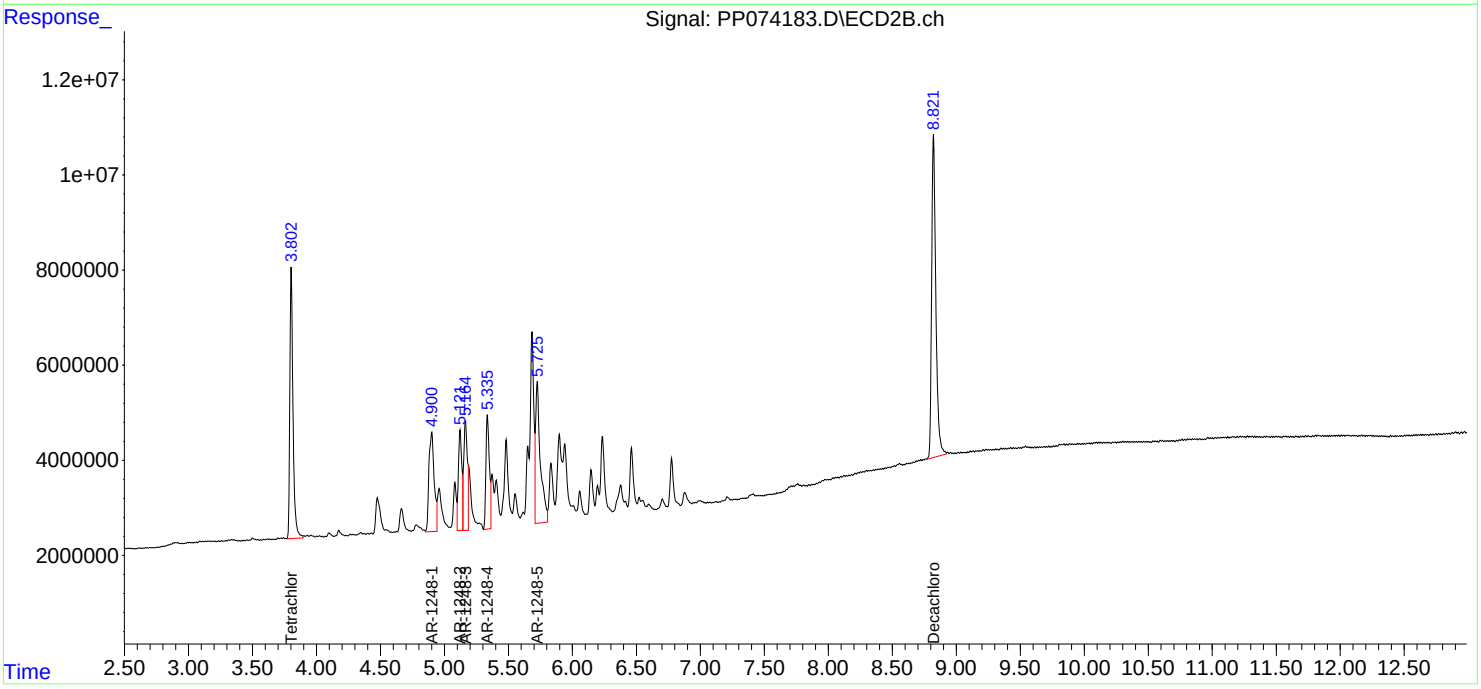
Manual Integrations APPROVED

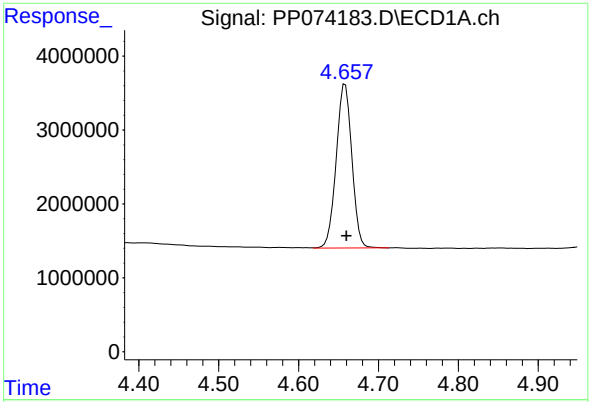
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:42 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







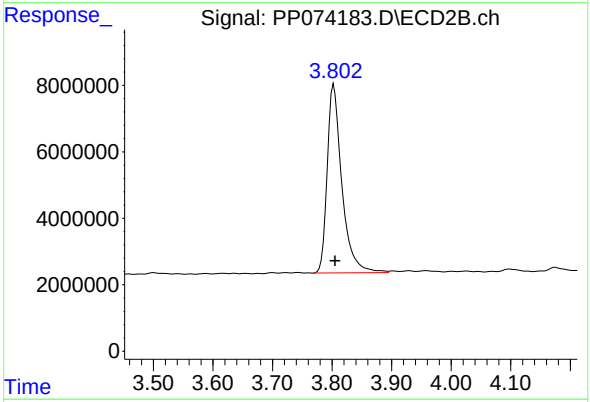
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 30204378
Conc: 27.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

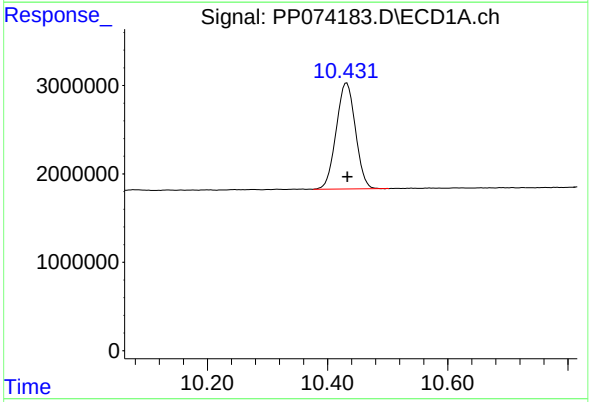
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



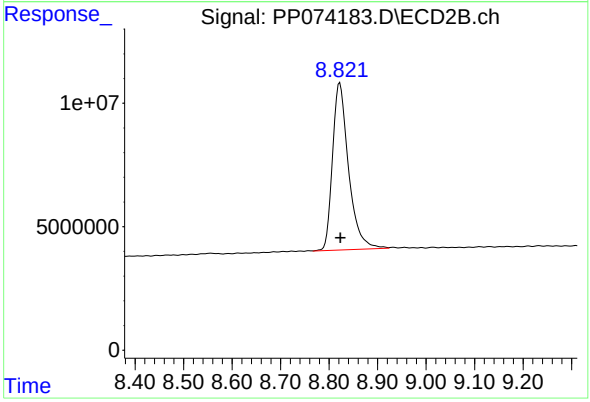
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 97138985
Conc: 24.62 ng/ml



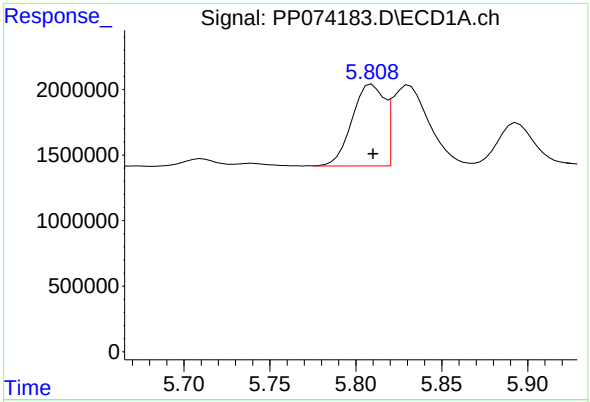
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.001 min
Response: 26634667
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.002 min
Response: 155185919
Conc: 25.46 ng/ml



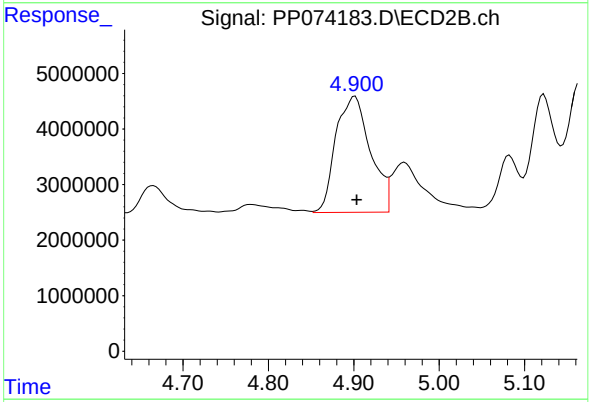
#21 AR-1248-1

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 8094387
Conc: 285.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

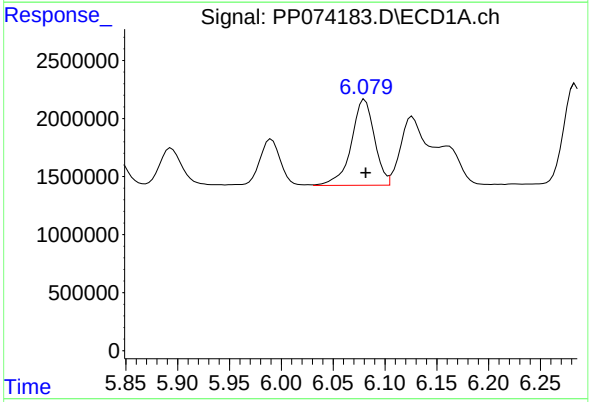
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



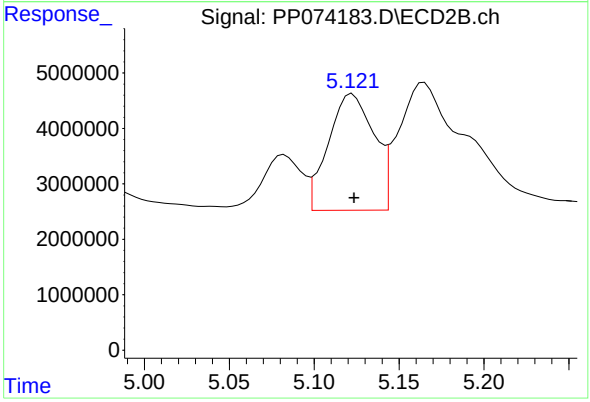
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 58805600
Conc: 262.96 ng/ml



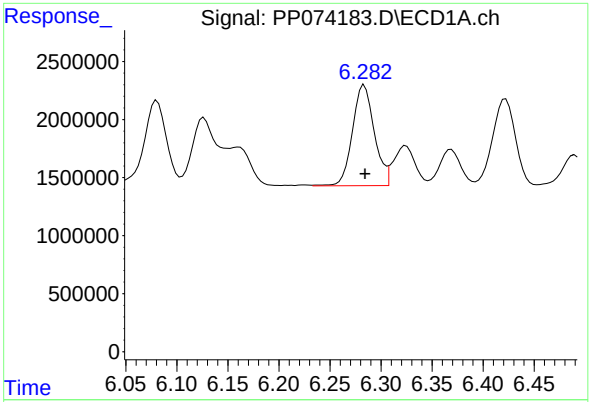
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 11513534
Conc: 286.50 ng/ml



#22 AR-1248-2

R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 39336577
Conc: 266.20 ng/ml



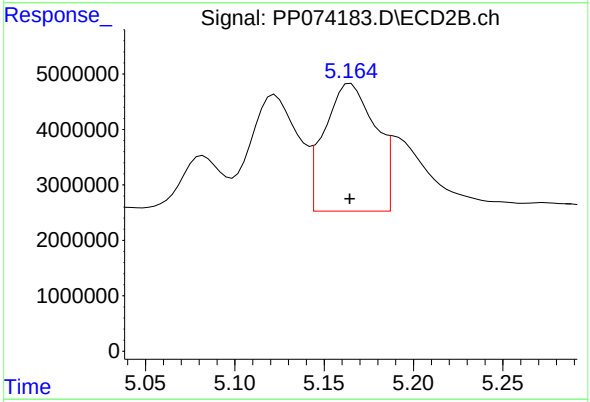
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 12904204
Conc: 289.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

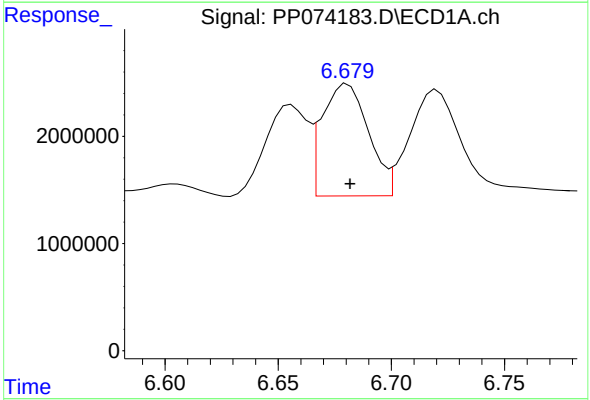
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



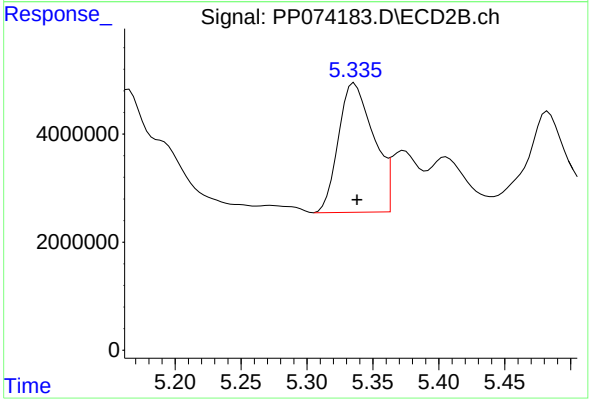
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 44786967
Conc: 238.14 ng/ml m



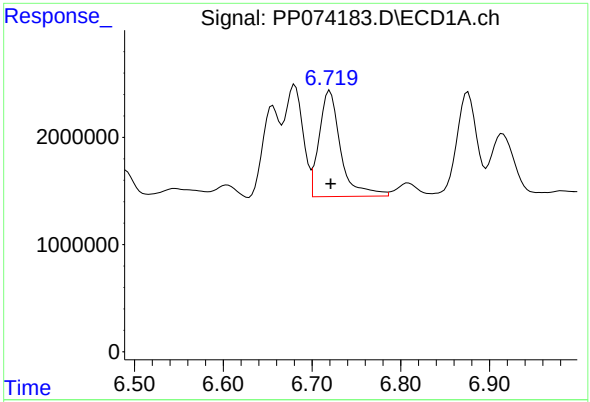
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 14893139
Conc: 288.73 ng/ml



#24 AR-1248-4

R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 44358232
Conc: 265.53 ng/ml



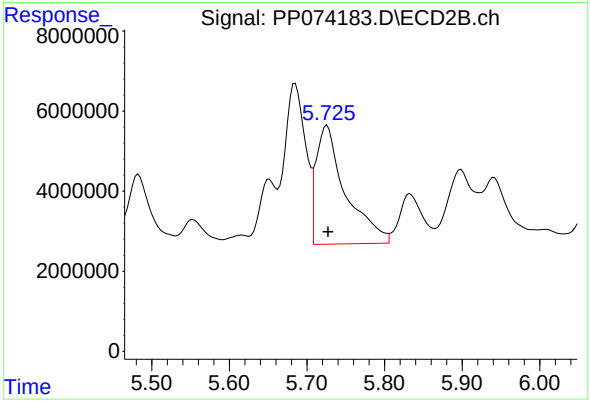
#25 AR-1248-5

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 16656065
Conc: 312.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#25 AR-1248-5

R.T.: 5.726 min
Delta R.T.: -0.001 min
Response: 78356187
Conc: 258.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:45
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:50:23 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...	4.656	3.805	5187181	10728554	4.681m	2.874 #
2)	SA Decachlor...	10.430	8.822	4528417	21556891	4.737	3.683
	Target Compounds						
21)	L5 AR-1248-1	5.808	4.904	1301704	7691669	46.465	35.954
22)	L5 AR-1248-2	6.079	5.124	2014788	6612812	50.043	45.196
23)	L5 AR-1248-3	6.282	5.164	2166497	7375572	48.605	43.111m
24)	L5 AR-1248-4	6.679	5.338	2645807	6957197	50.845	41.817
25)	L5 AR-1248-5	6.718	5.727	3424388	12438158	58.322m	42.672m#

(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 : PP074184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:45
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

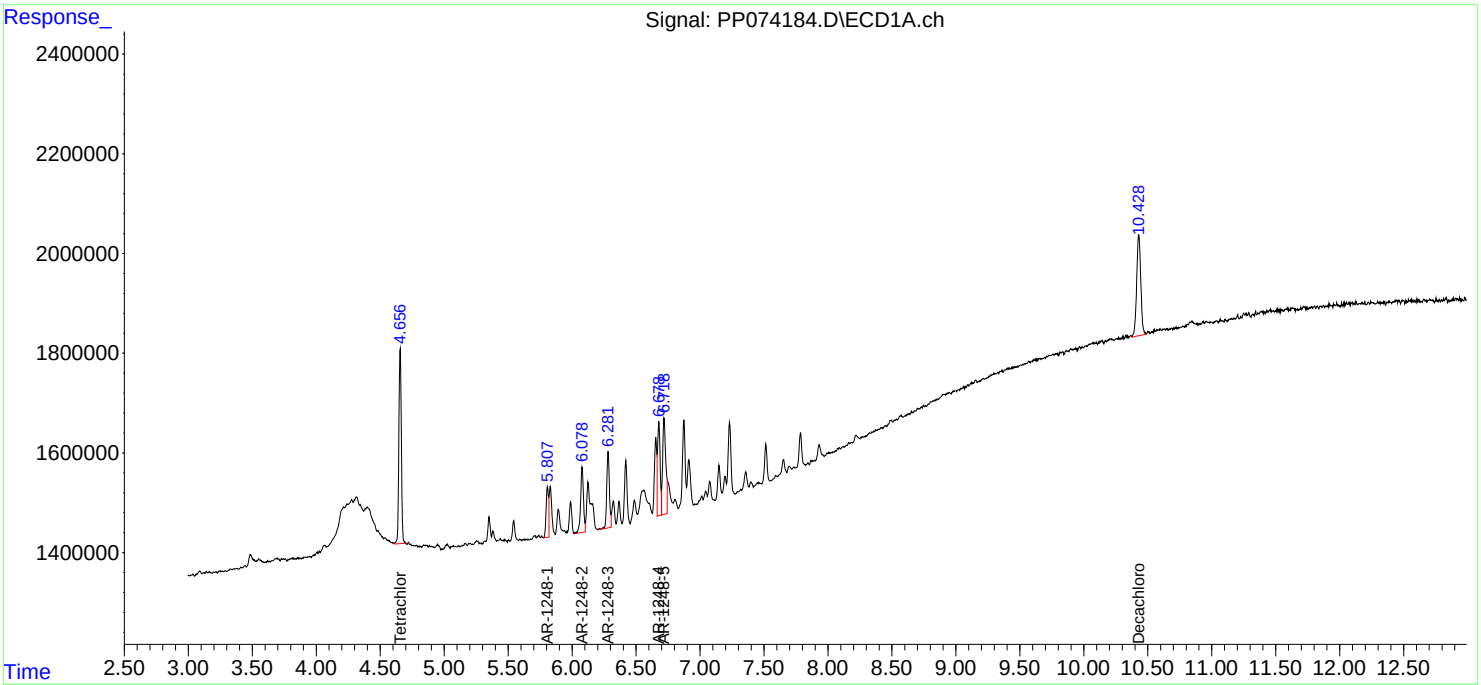
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

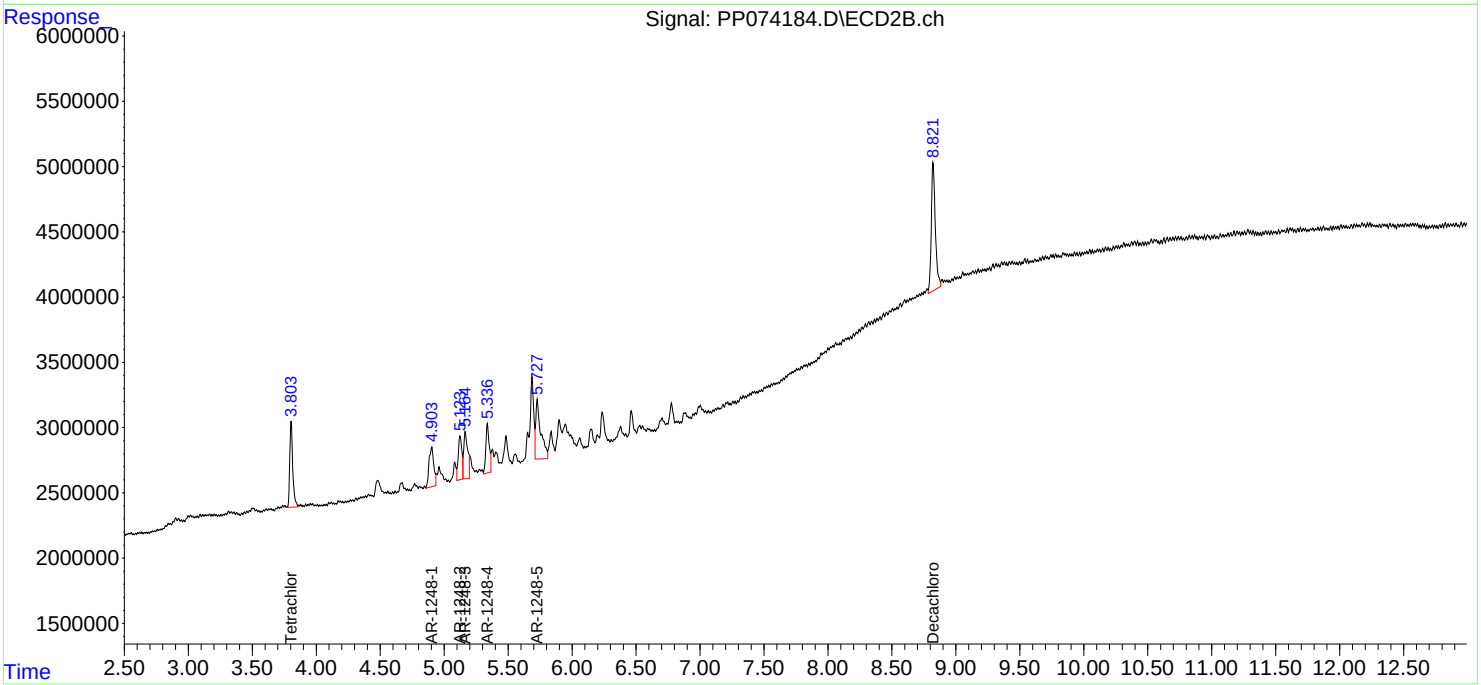
Manual Integrations APPROVED

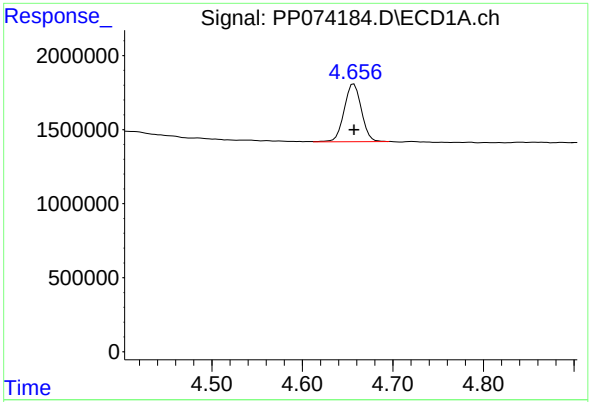
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:50:23 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







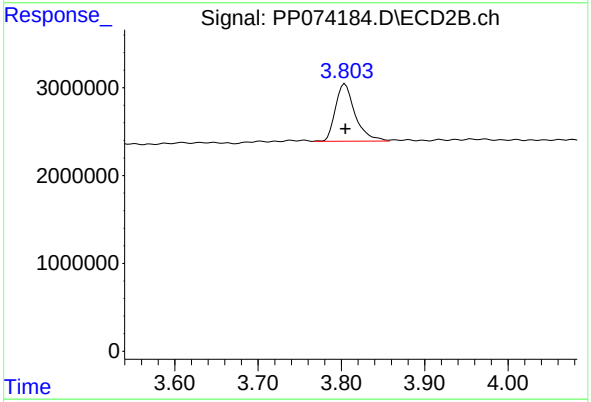
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.001 min
Response: 5187181
Conc: 4.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

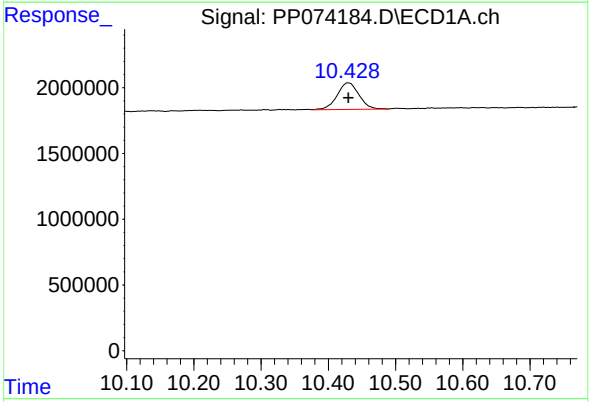
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



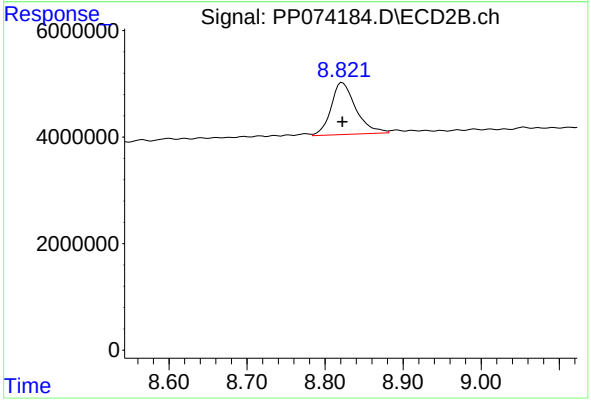
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 10728554
Conc: 2.87 ng/ml



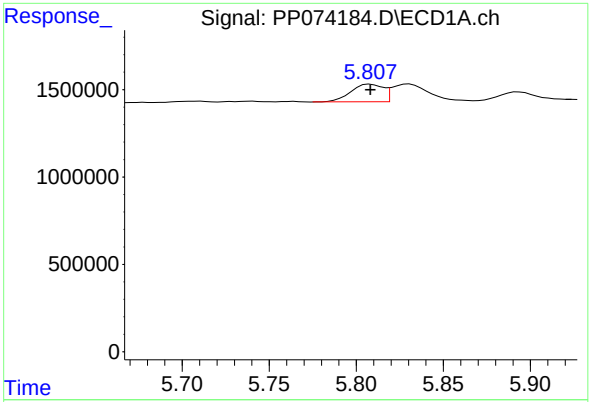
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 4528417
Conc: 4.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 21556891
Conc: 3.68 ng/ml



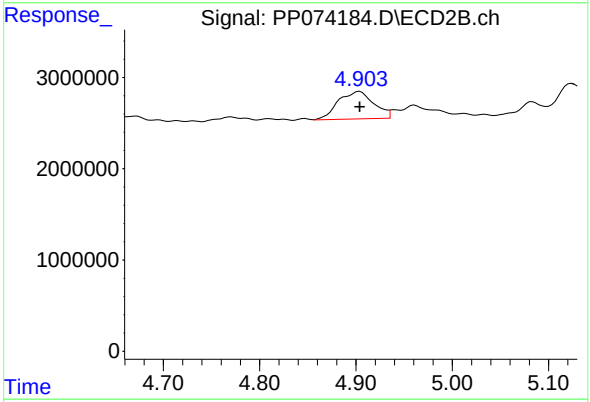
#21 AR-1248-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 1301704
Conc: 46.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

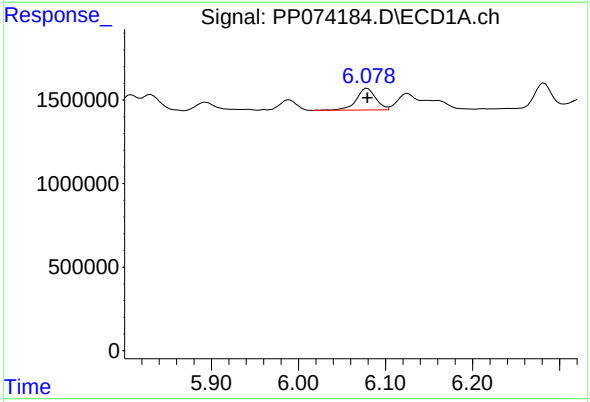
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



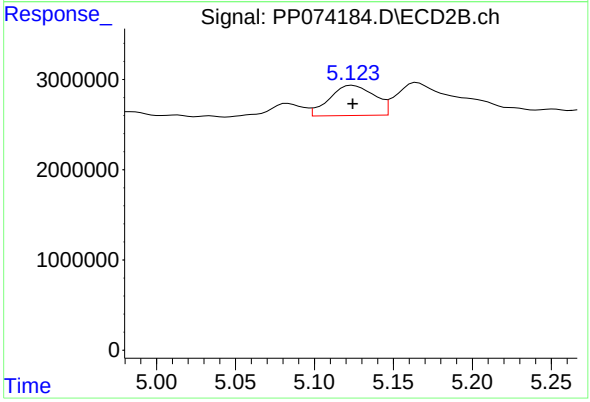
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 7691669
Conc: 35.95 ng/ml



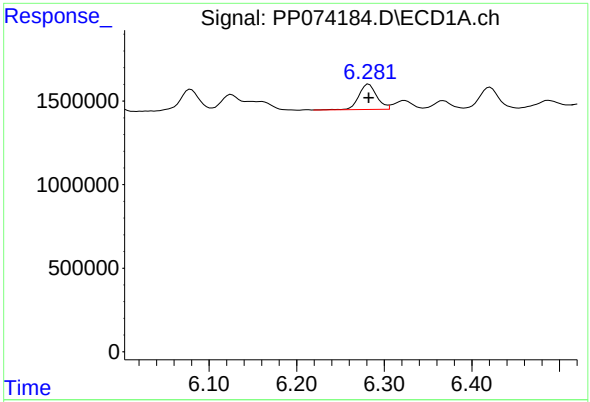
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 2014788
Conc: 50.04 ng/ml



#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 6612812
Conc: 45.20 ng/ml



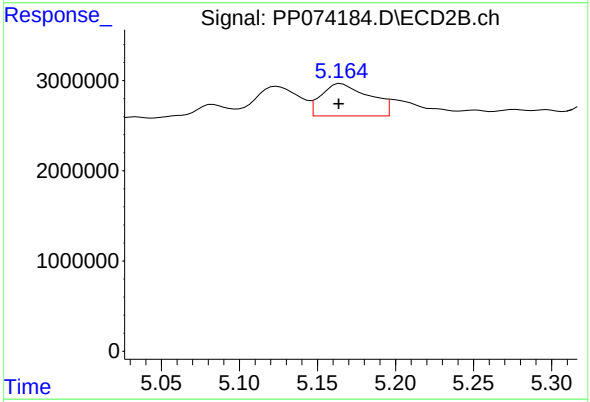
#23 AR-1248-3

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 2166497
Conc: 48.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

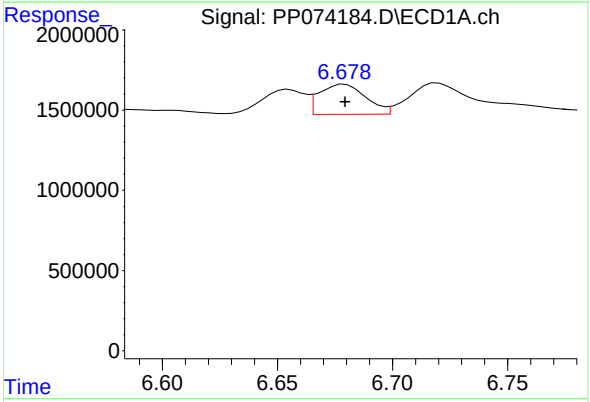
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



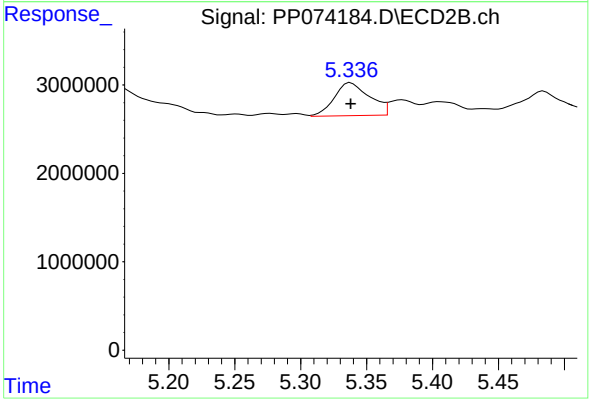
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 7375572
Conc: 43.11 ng/ml m



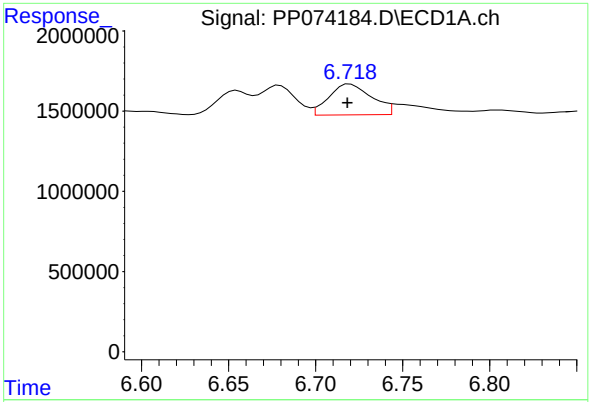
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2645807
Conc: 50.84 ng/ml



#24 AR-1248-4

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 6957197
Conc: 41.82 ng/ml



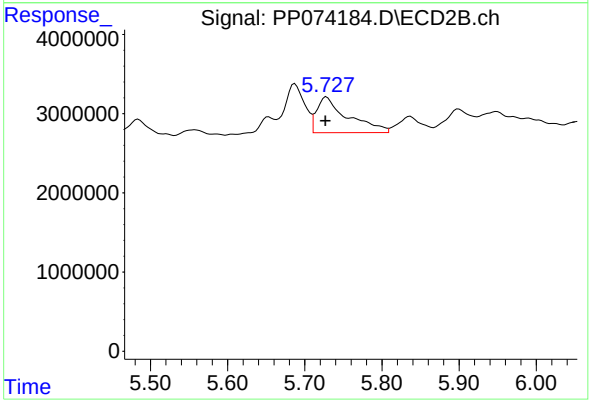
#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 3424388
Conc: 58.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 12438158
Conc: 42.67 ng/ml m

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 08/05/2025

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

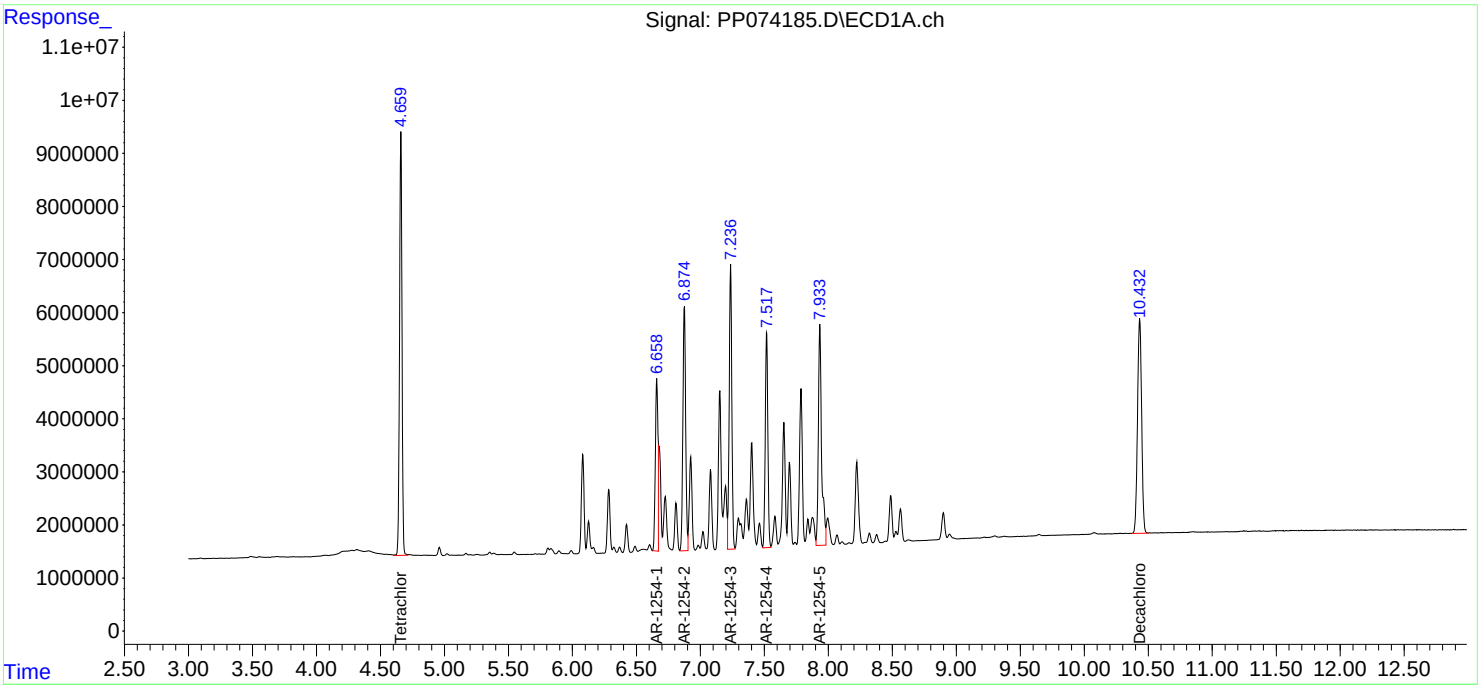
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

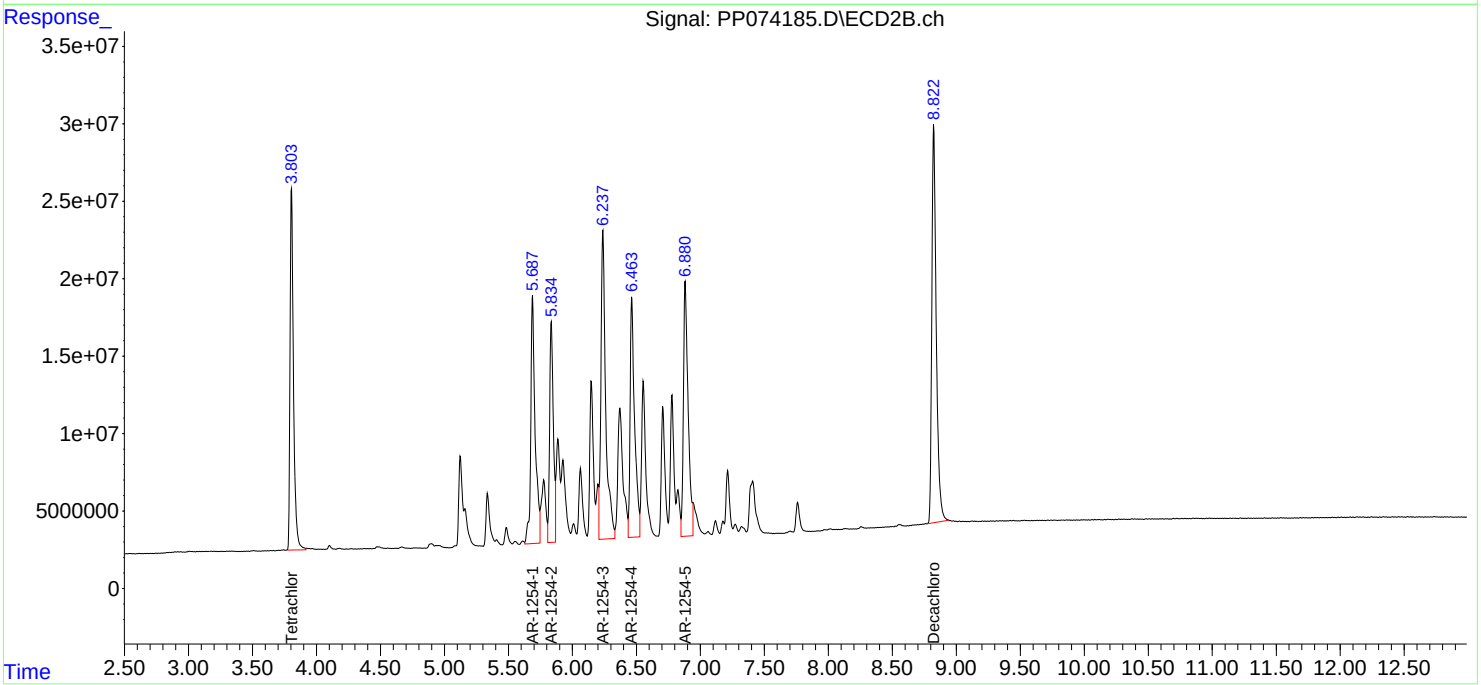
Manual Integrations APPROVED

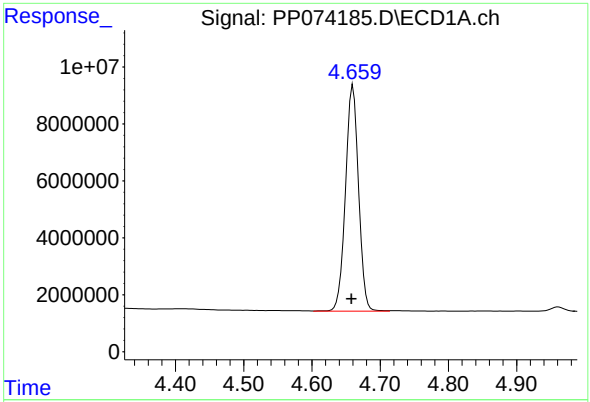
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







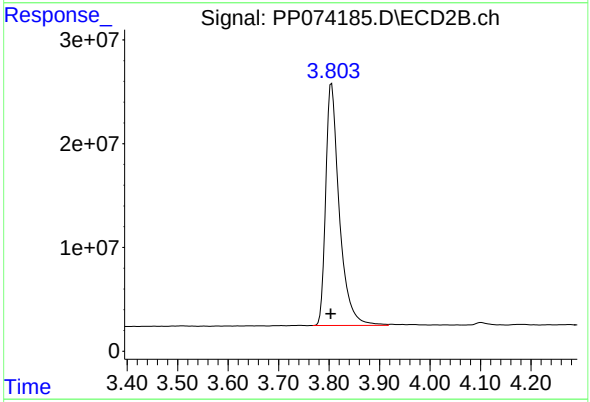
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

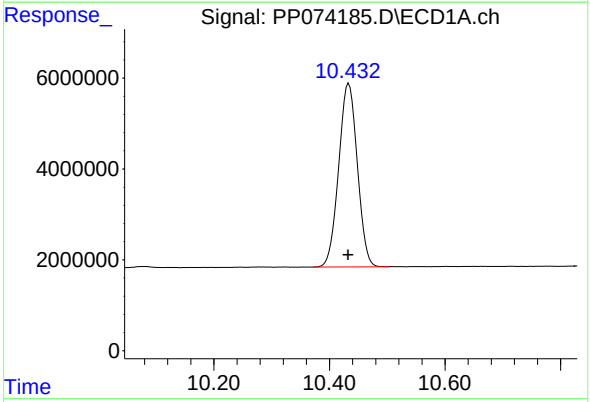
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



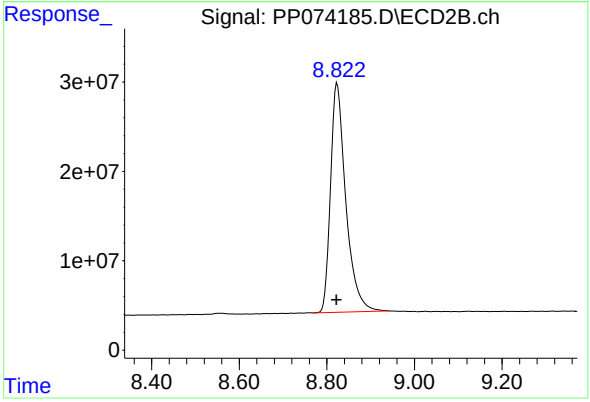
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



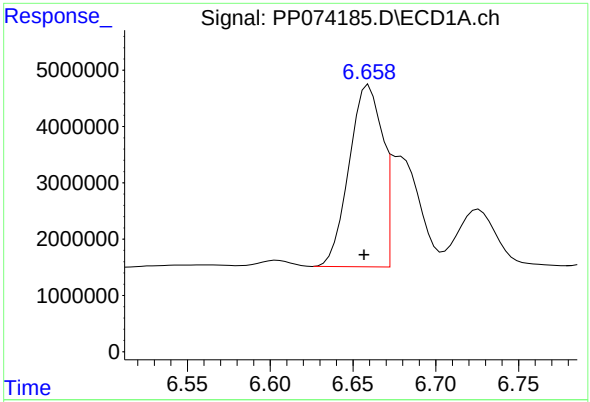
#2 Decachlorobiphenyl

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



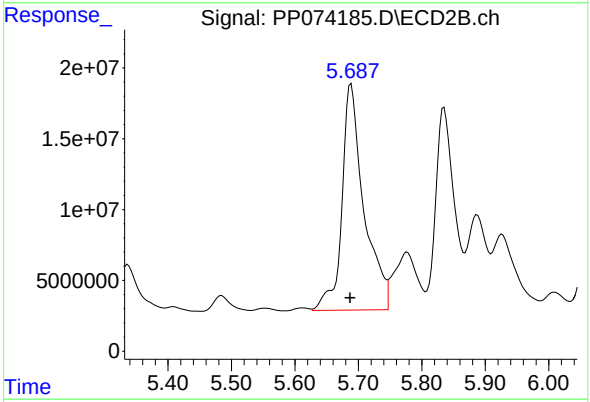
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 49559228
Conc: 913.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

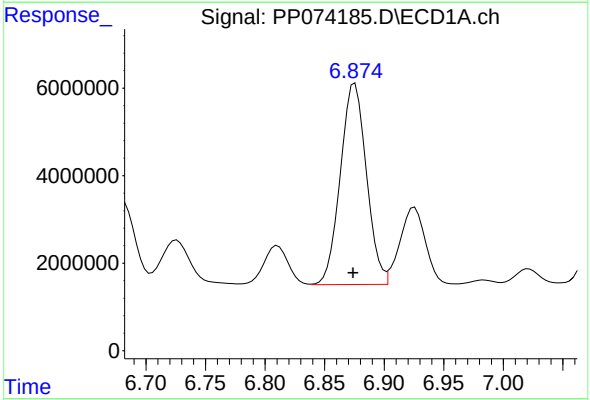
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



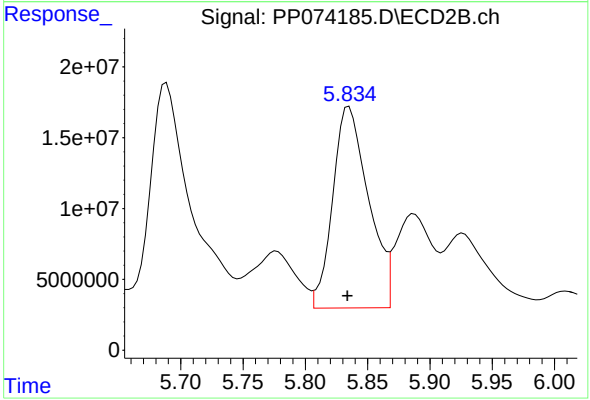
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



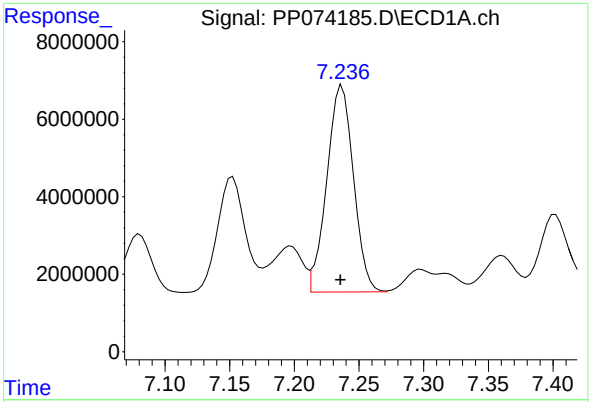
#27 AR-1254-2

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



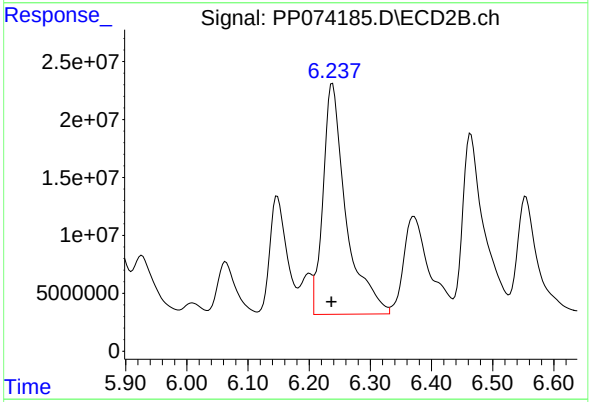
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

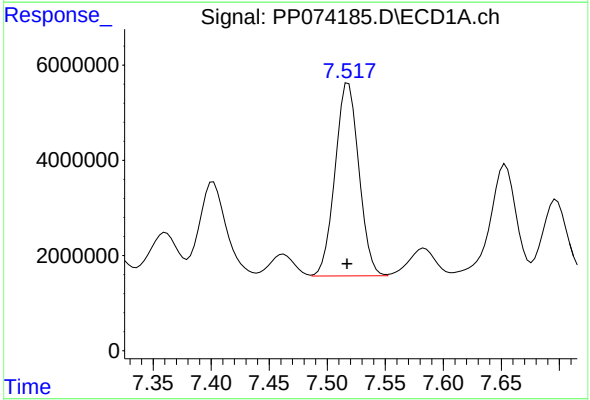
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



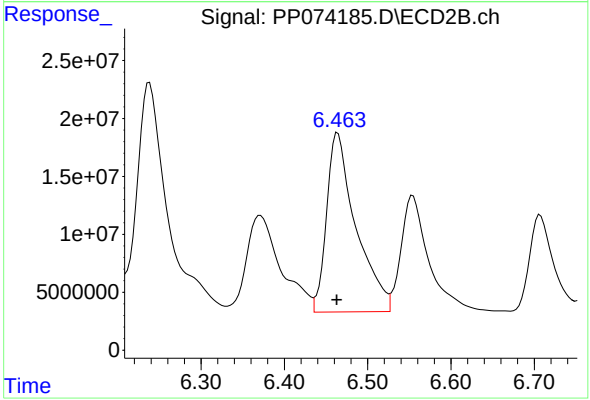
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



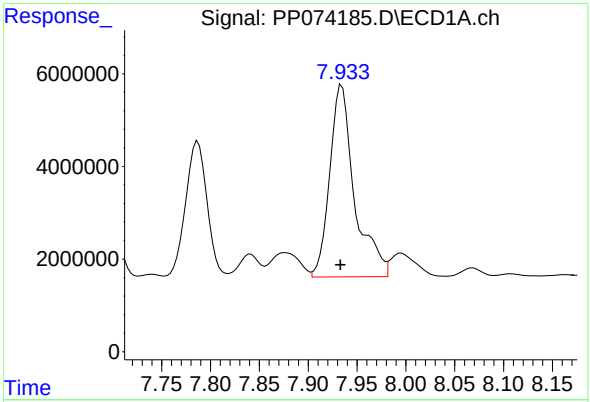
#29 AR-1254-4

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



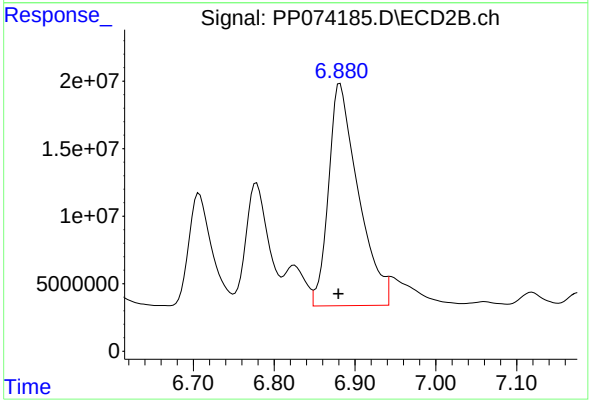
#30 AR-1254-5

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 08/05/2025



#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 08/05/2025

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

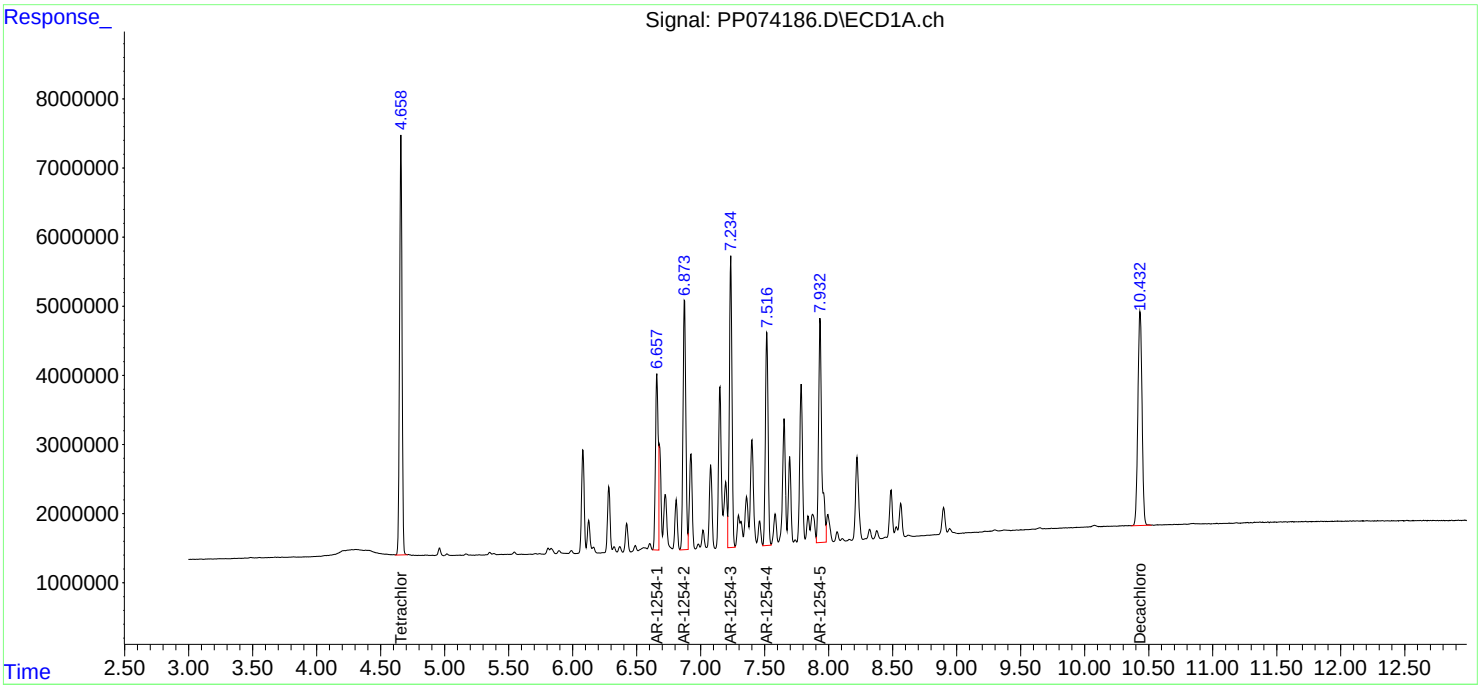
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

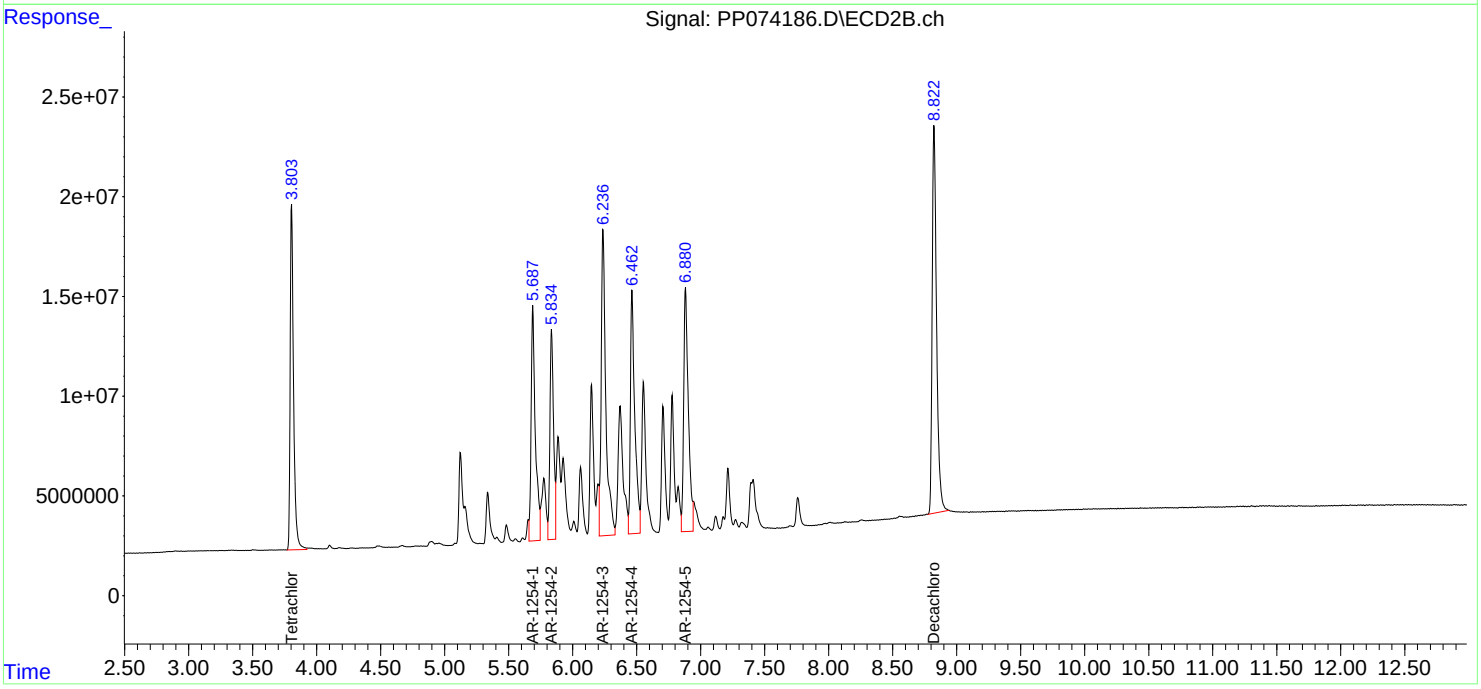
Manual Integrations APPROVED

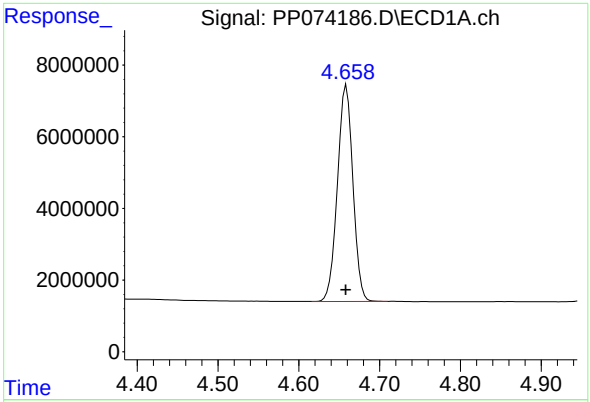
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







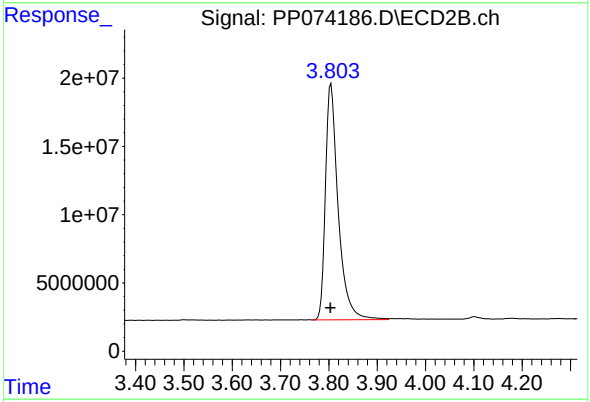
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

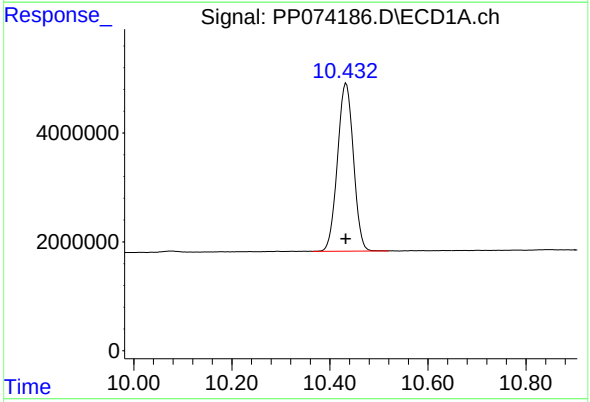
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



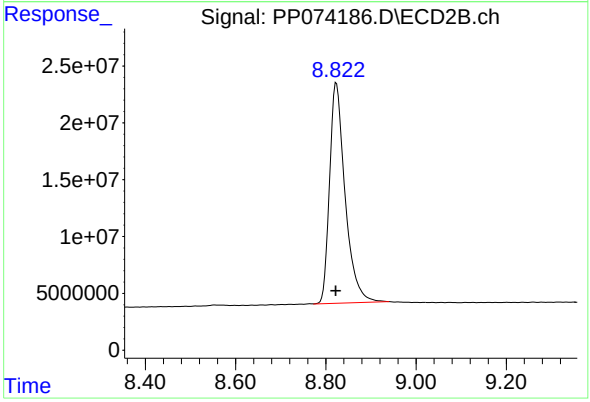
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



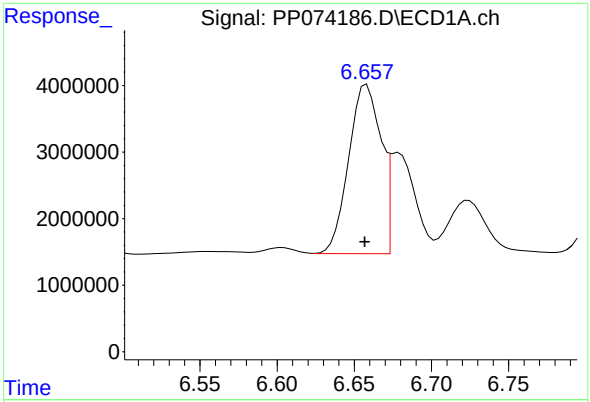
#2 Decachlorobiphenyl

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



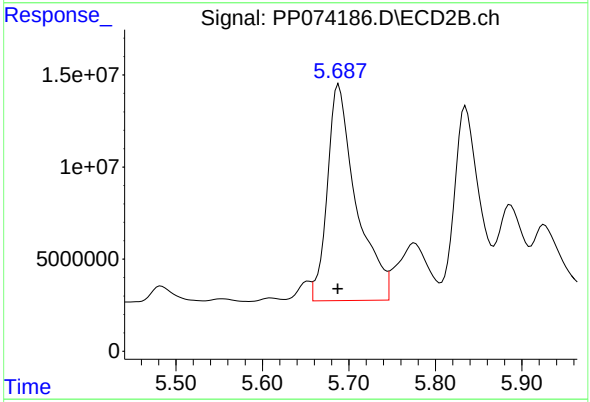
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 37358301
Conc: 688.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

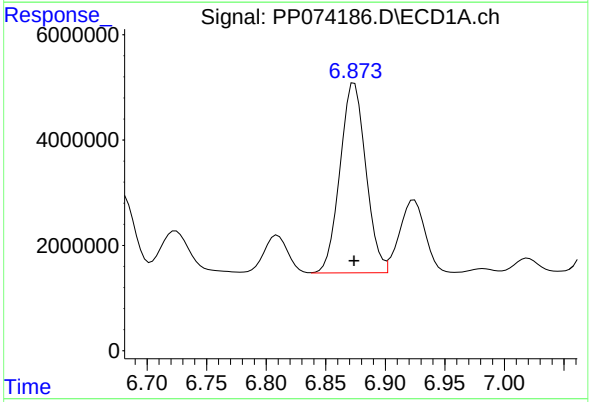
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



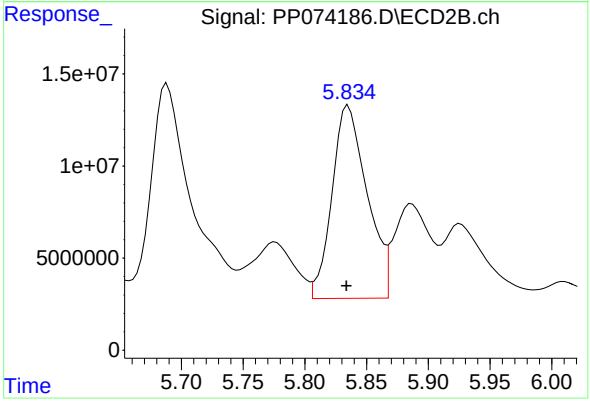
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



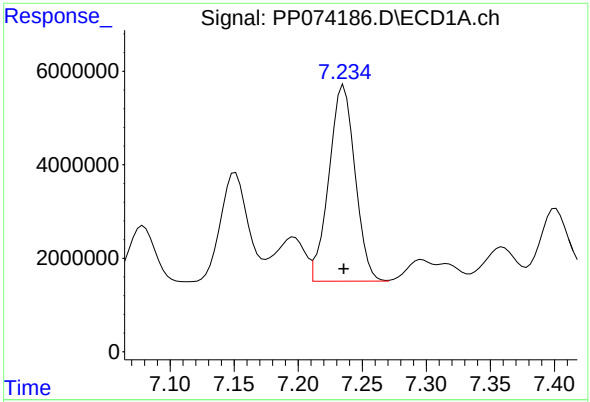
#27 AR-1254-2

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



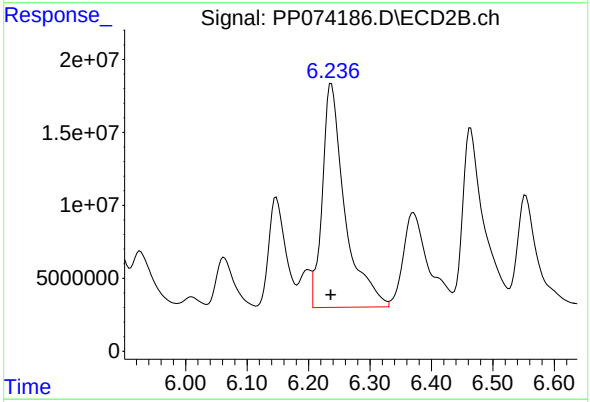
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

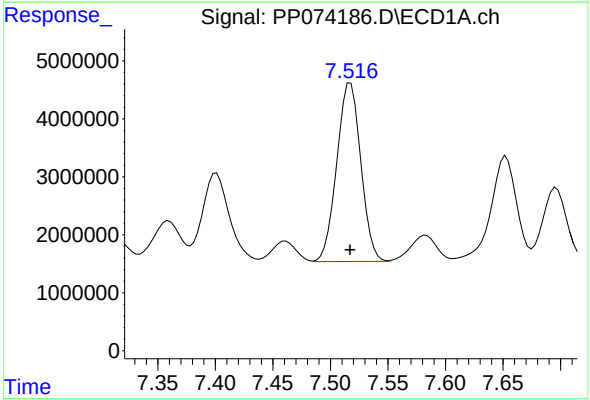
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



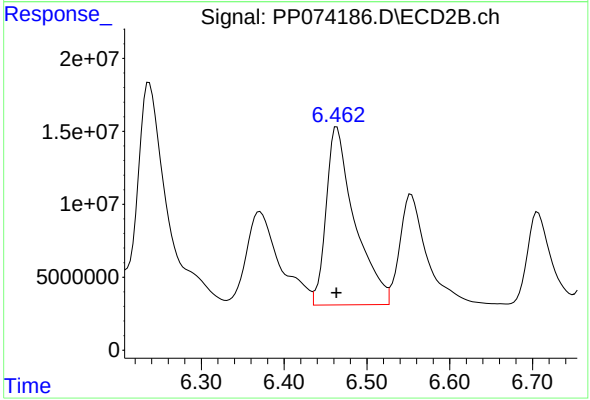
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



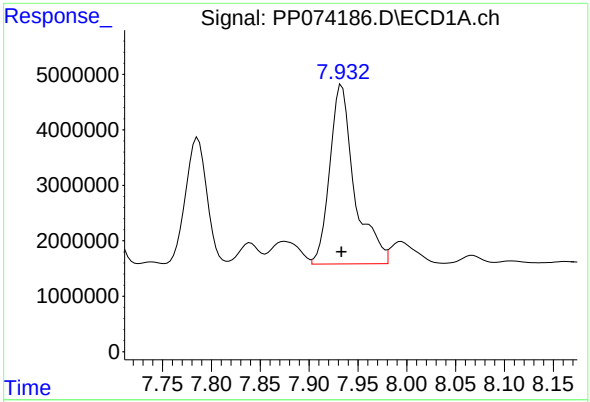
#29 AR-1254-4

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



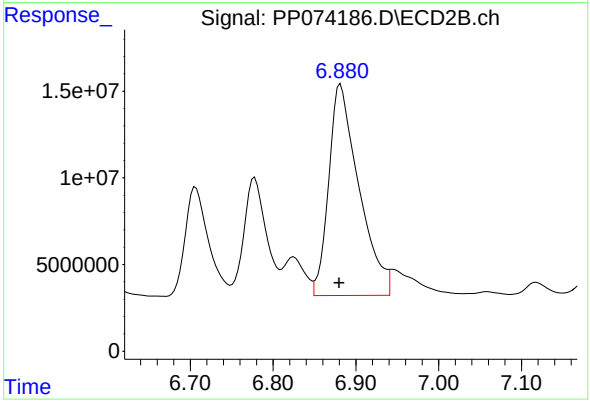
#30 AR-1254-5

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 08/05/2025



#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 08/05/2025

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

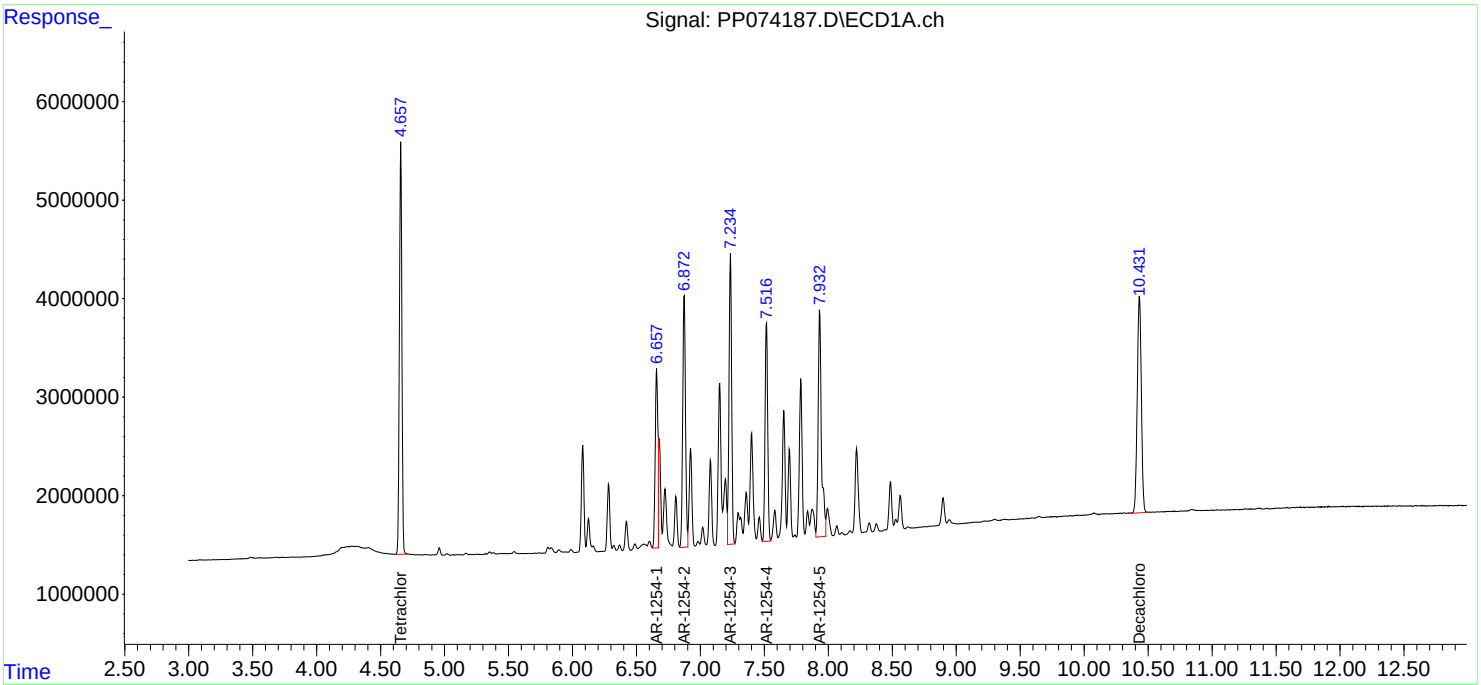
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

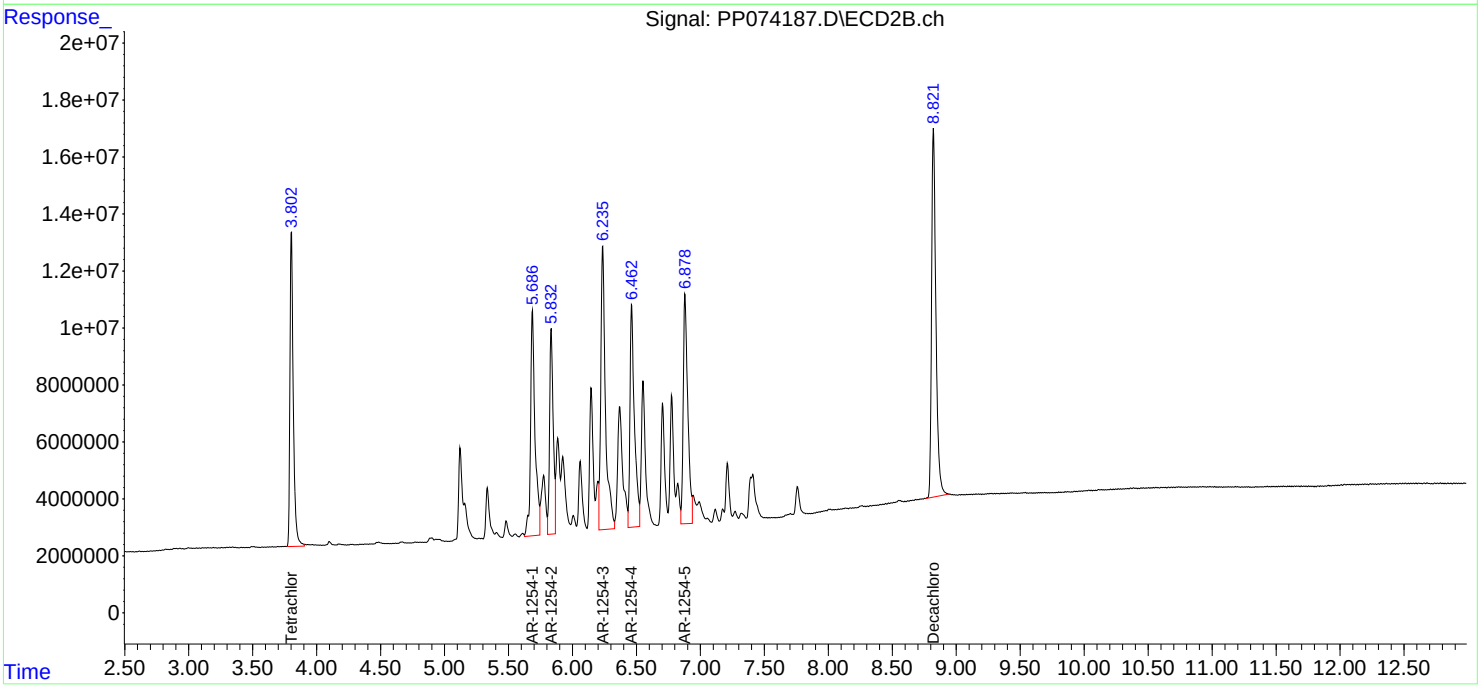
Manual Integrations APPROVED

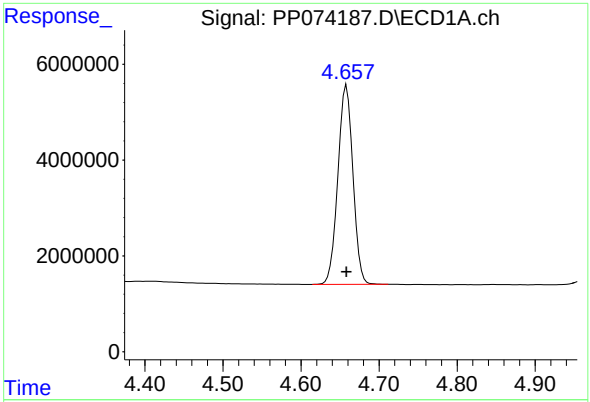
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







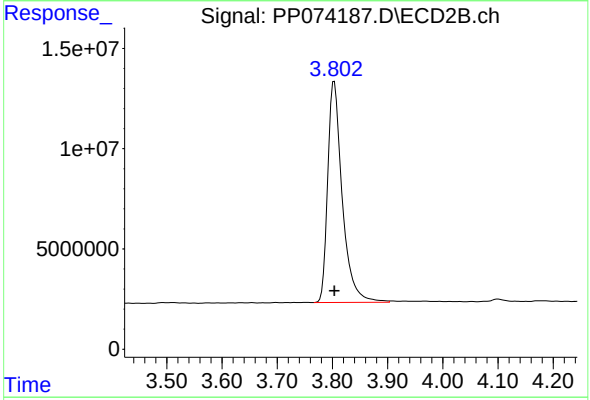
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

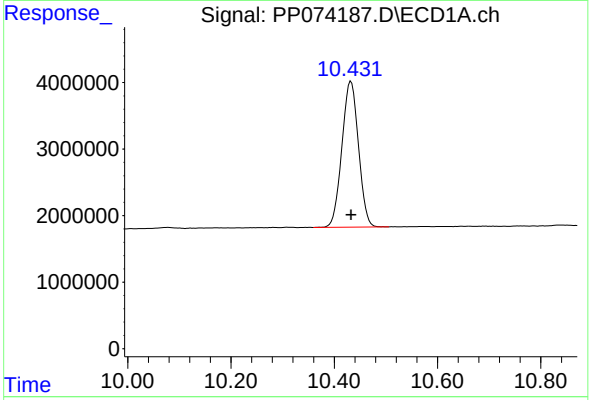
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



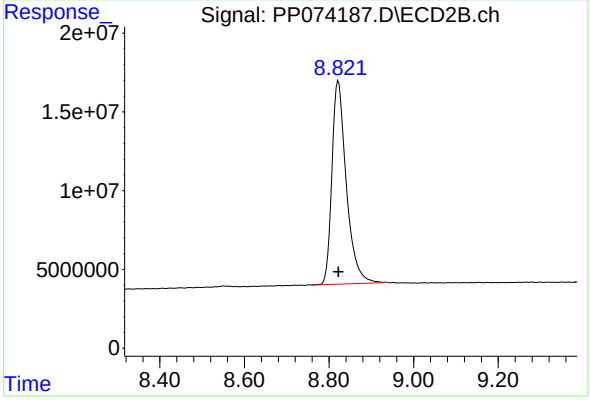
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



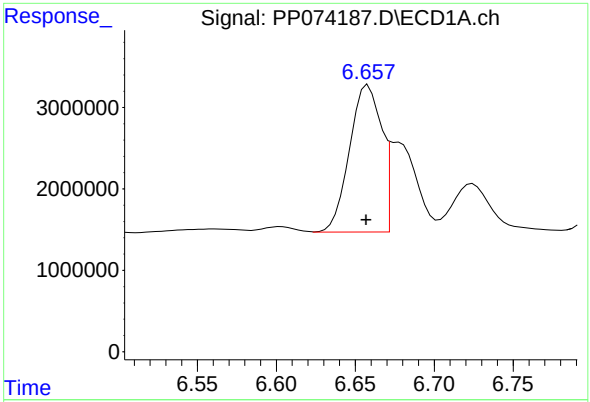
#2 Decachlorobiphenyl

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



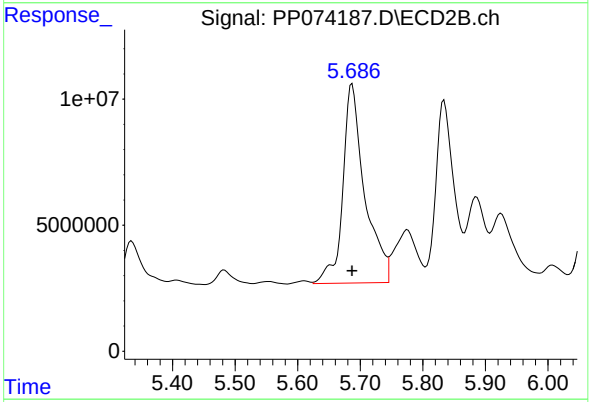
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 26953630
Conc: 497.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

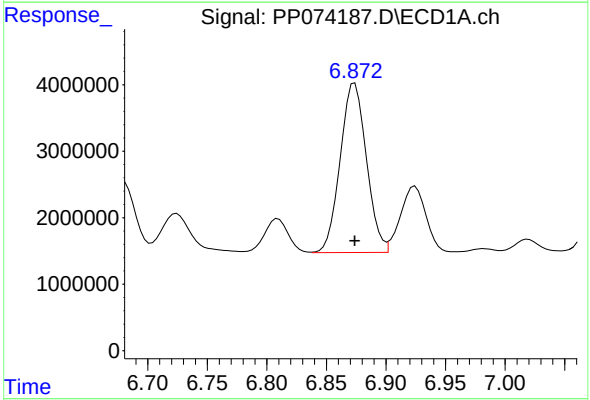
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



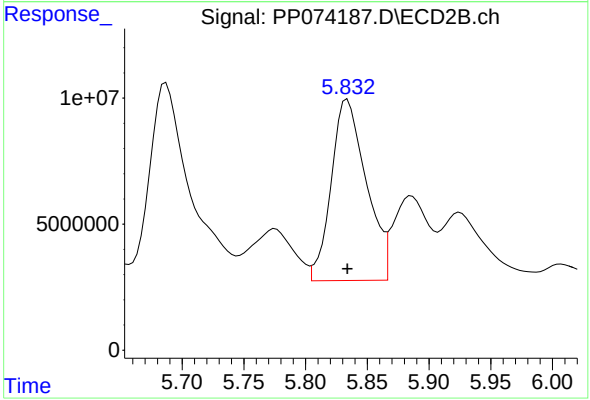
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



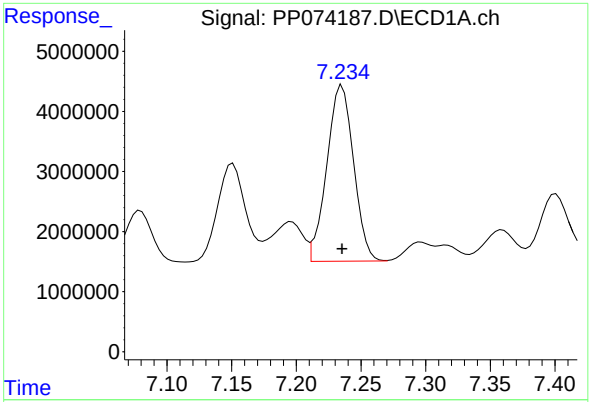
#27 AR-1254-2

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



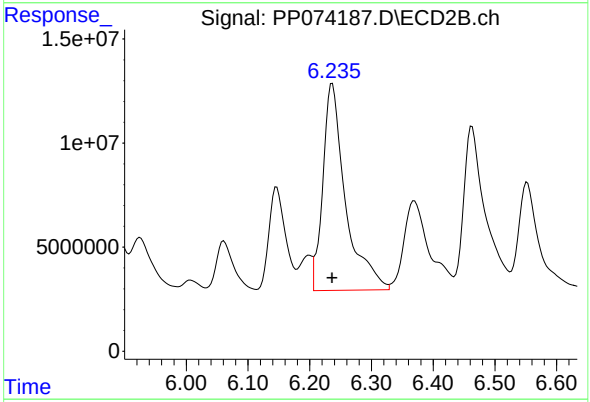
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

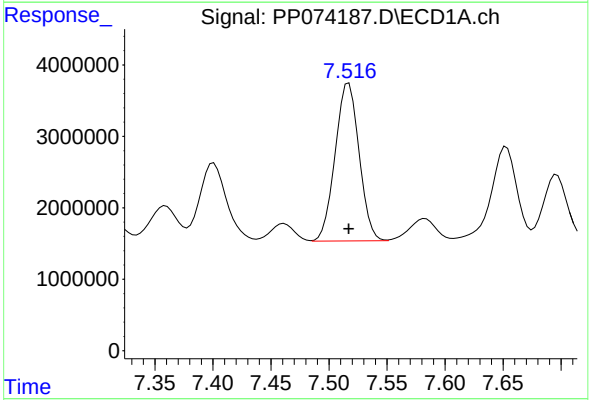
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



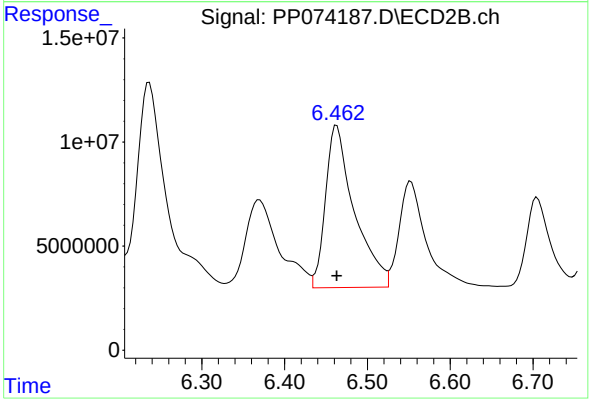
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



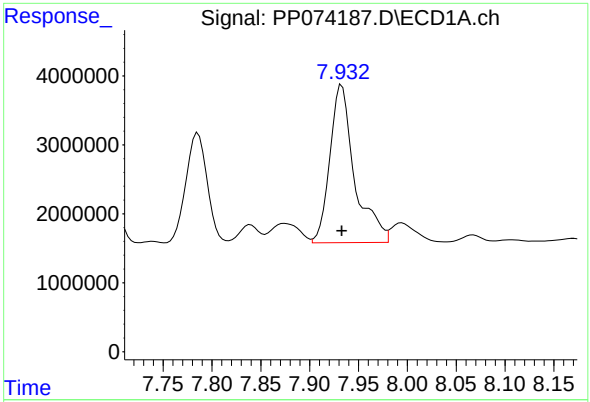
#29 AR-1254-4

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



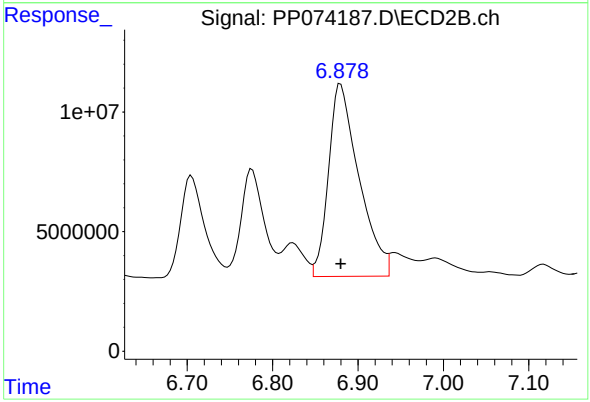
#30 AR-1254-5

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 08/05/2025



#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 08/05/2025

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

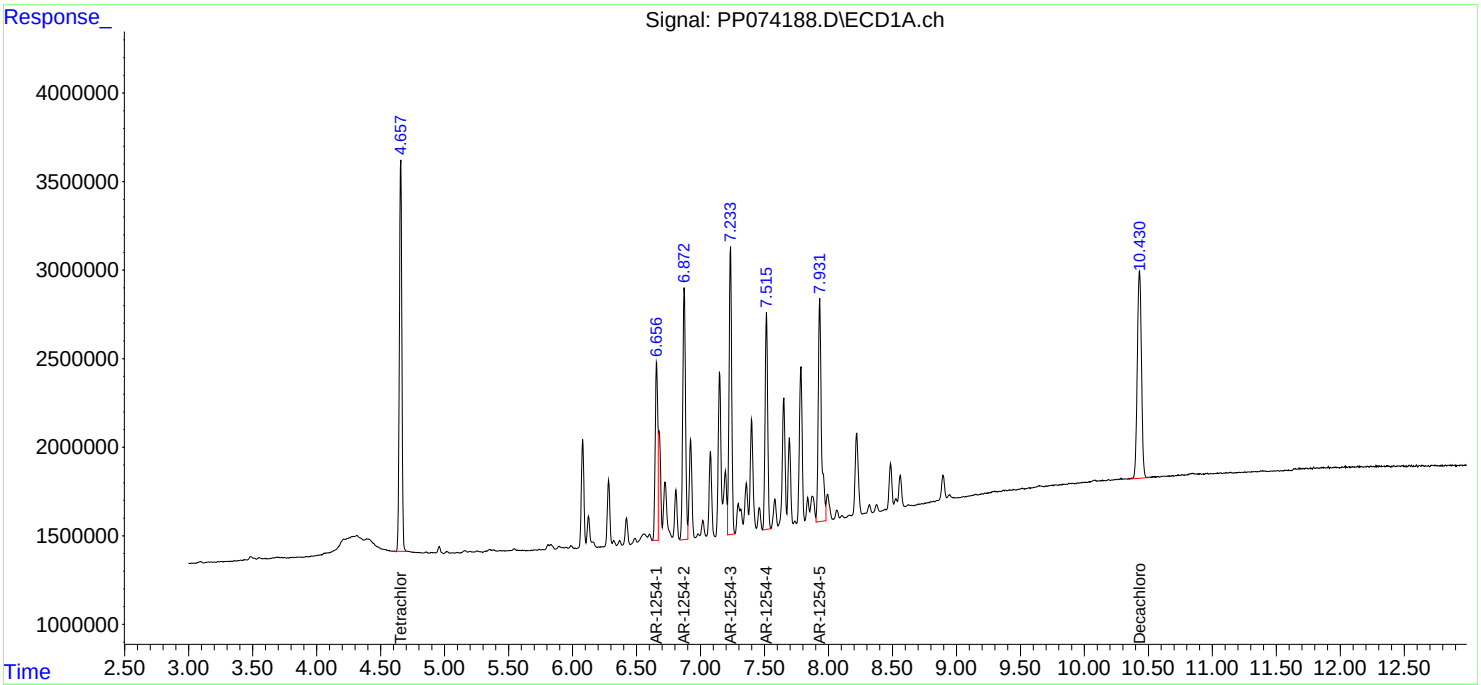
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

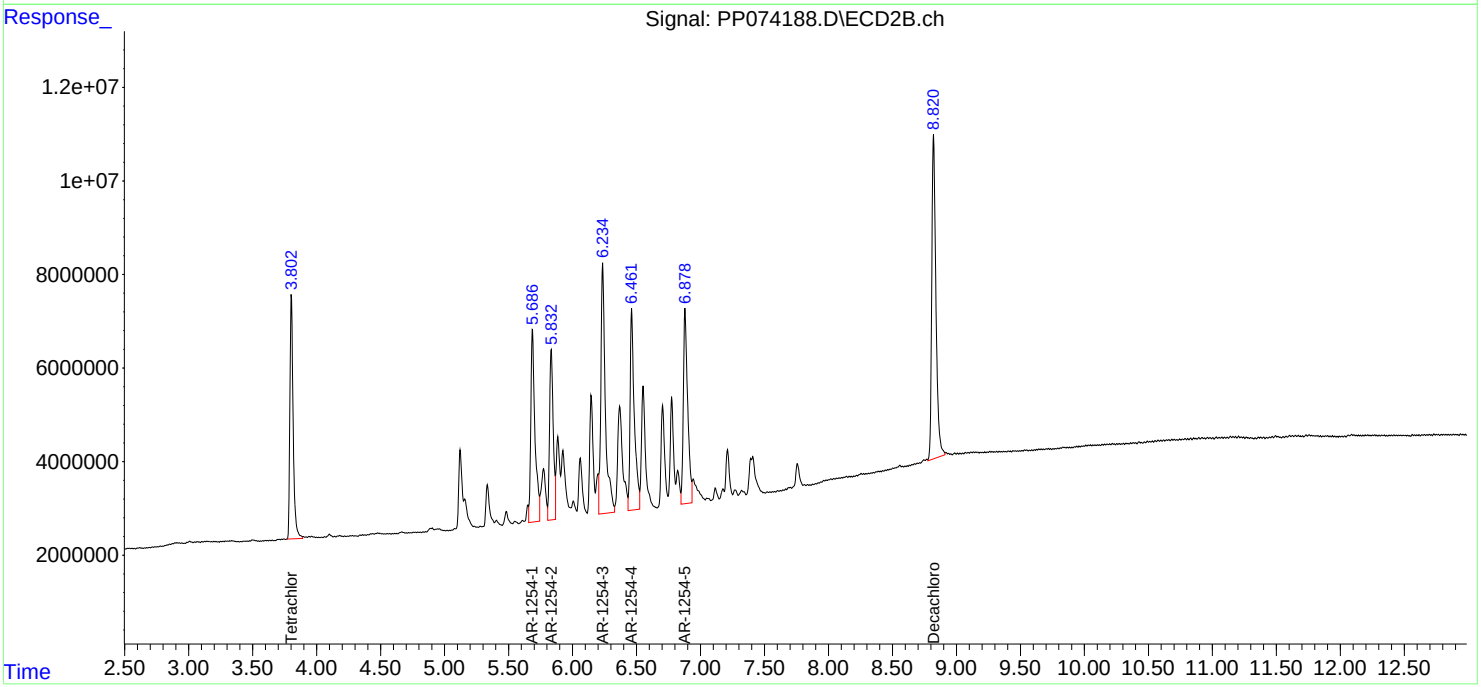
Manual Integrations APPROVED

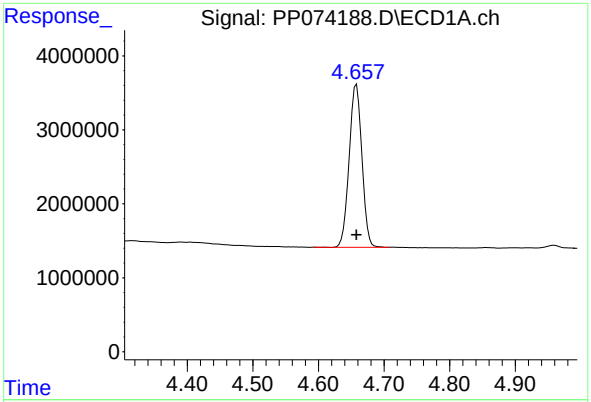
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







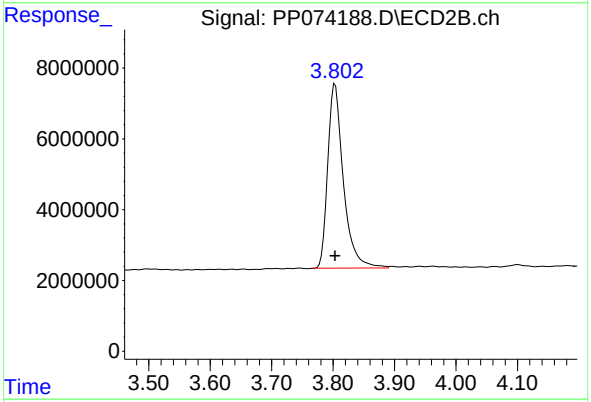
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

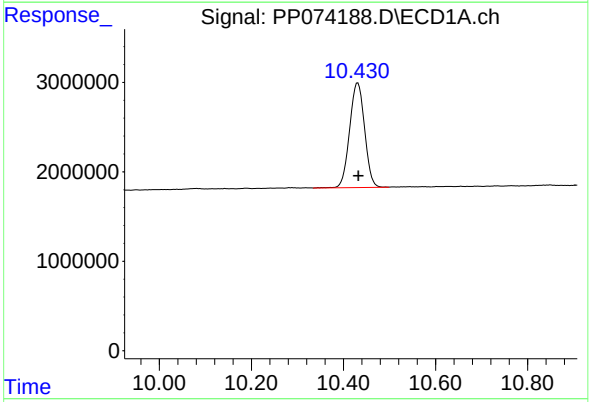
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



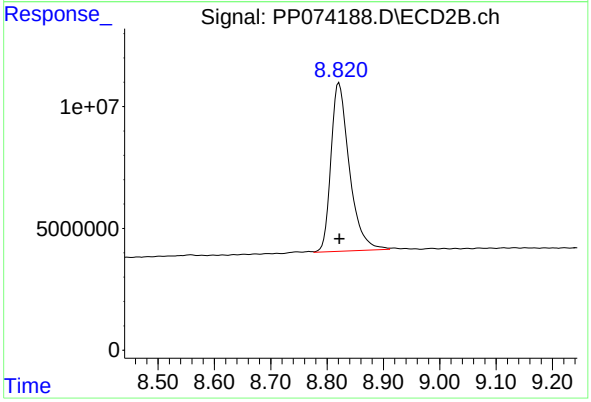
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



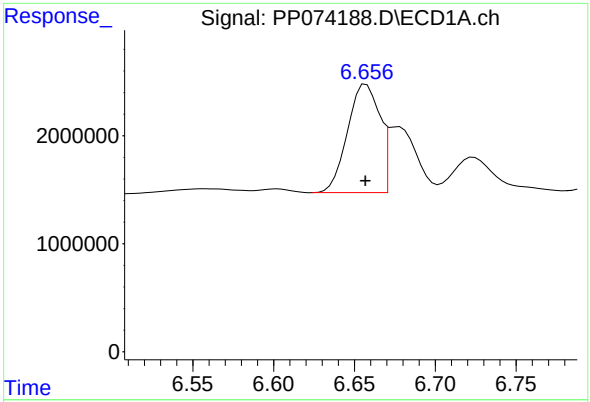
#2 Decachlorobiphenyl

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



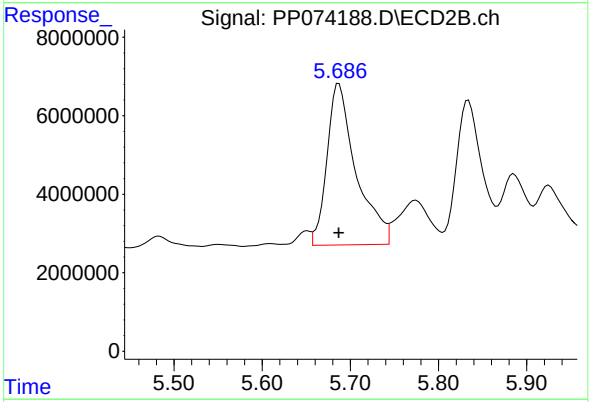
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 13498256
Conc: 248.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

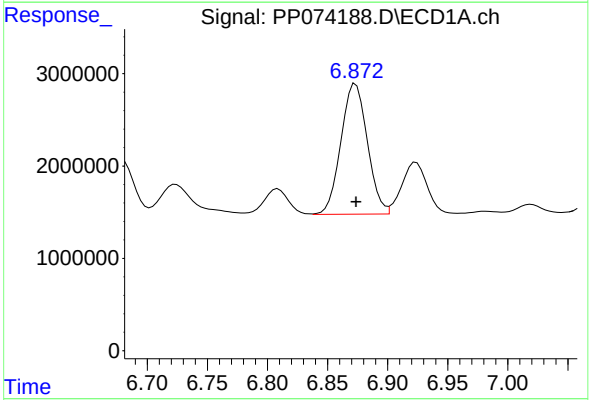
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



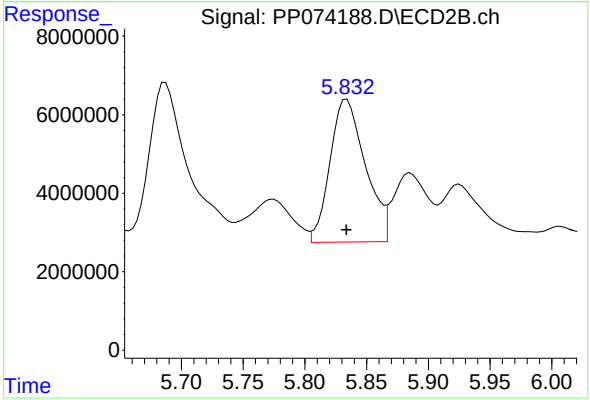
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



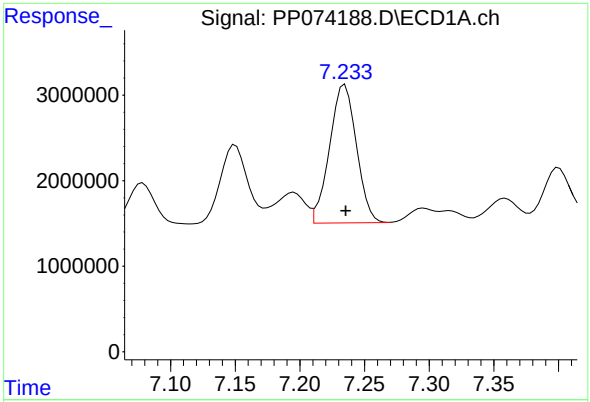
#27 AR-1254-2

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



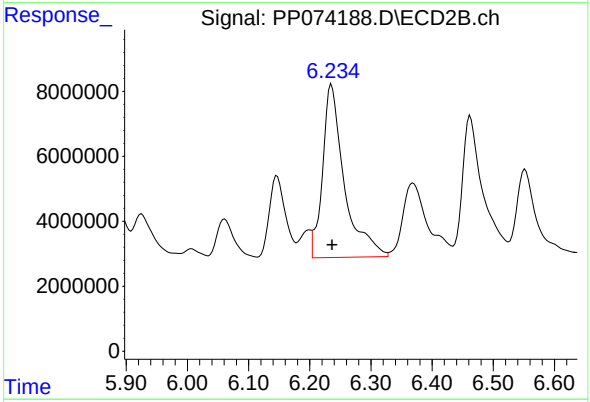
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

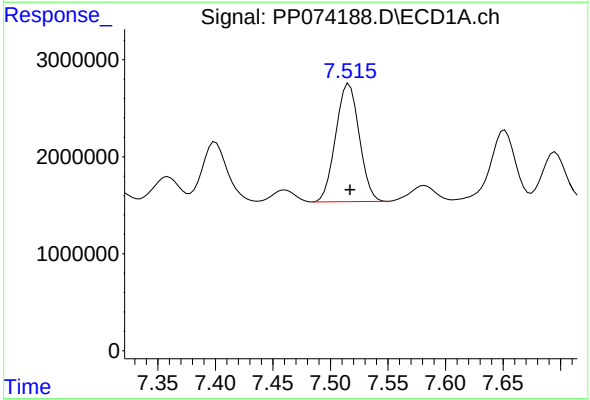
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



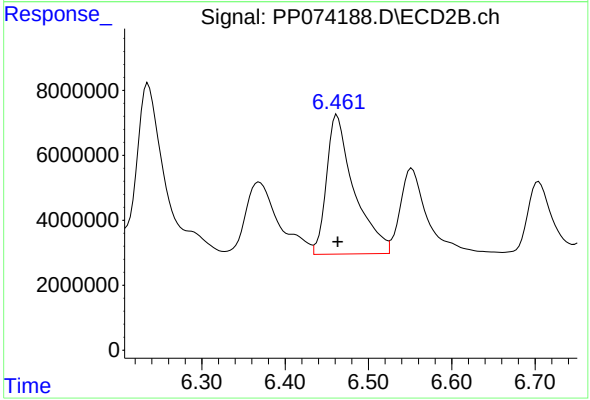
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



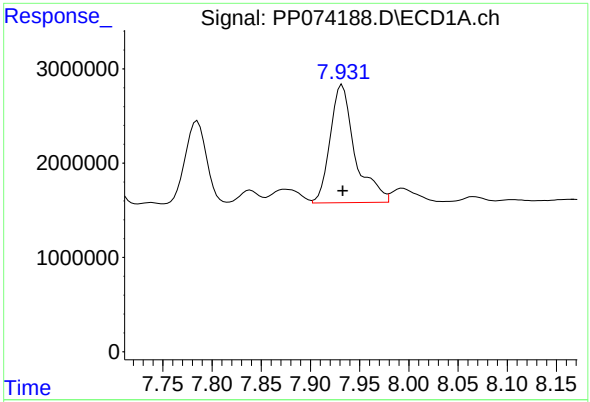
#29 AR-1254-4

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



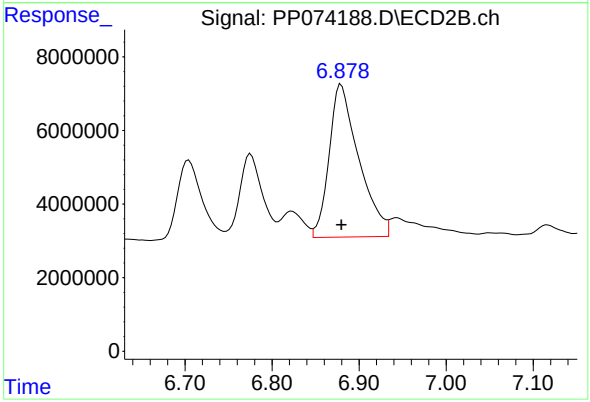
#30 AR-1254-5

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 08/05/2025



#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 08/05/2025

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

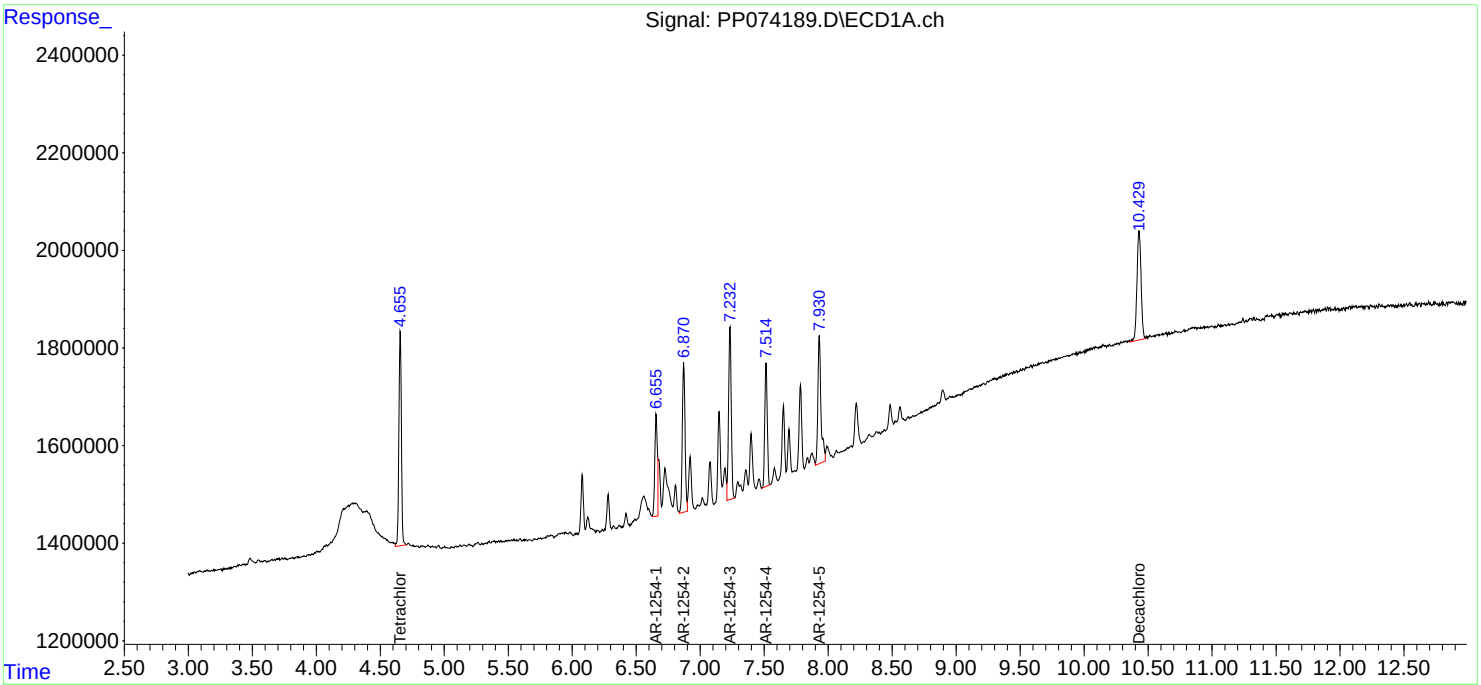
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

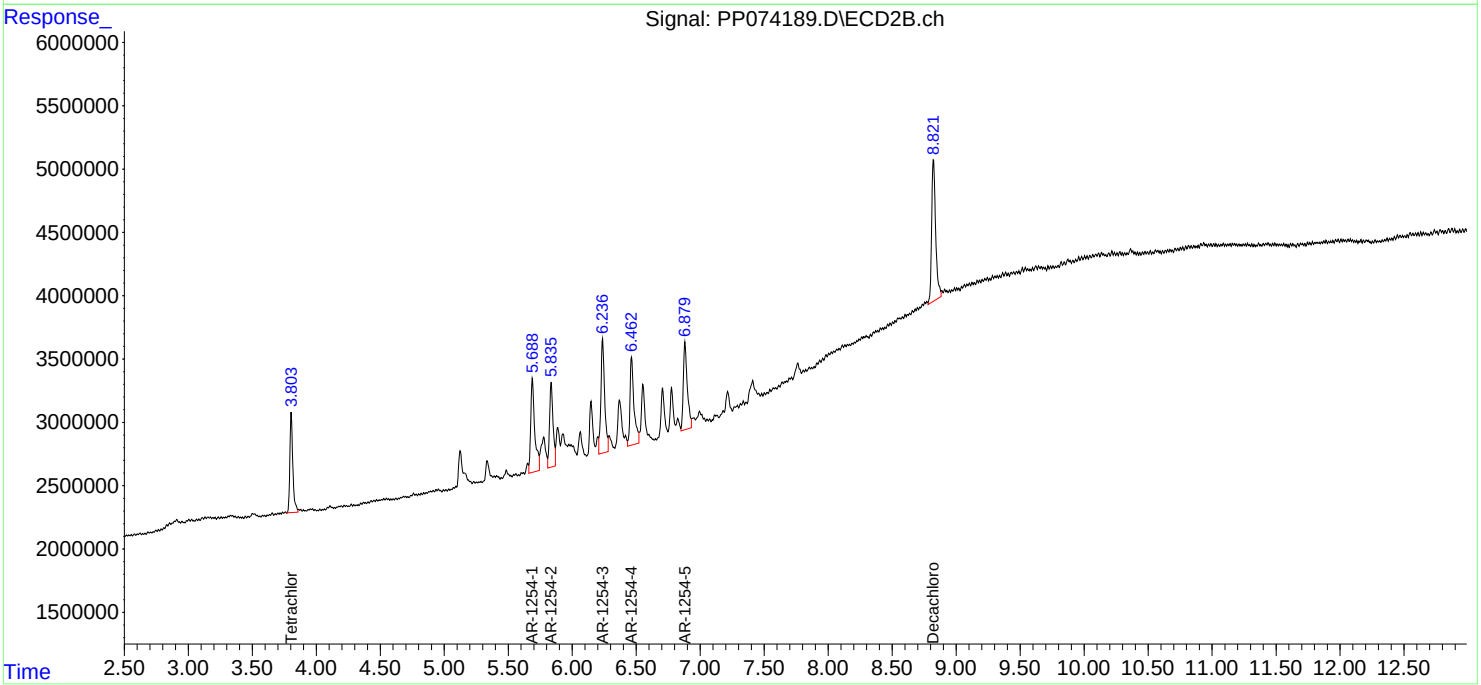
Manual Integrations APPROVED

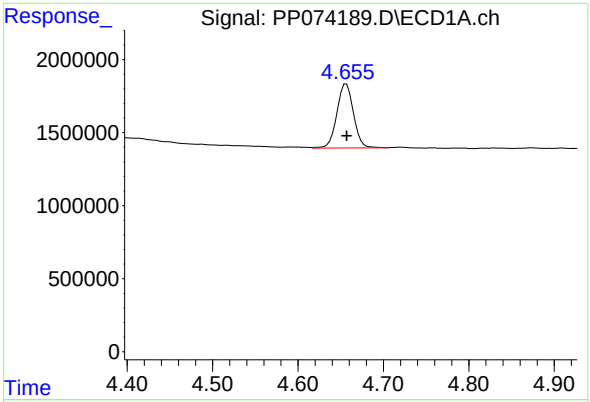
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







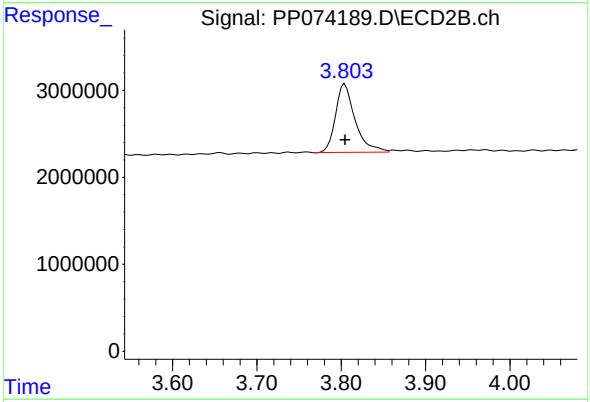
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

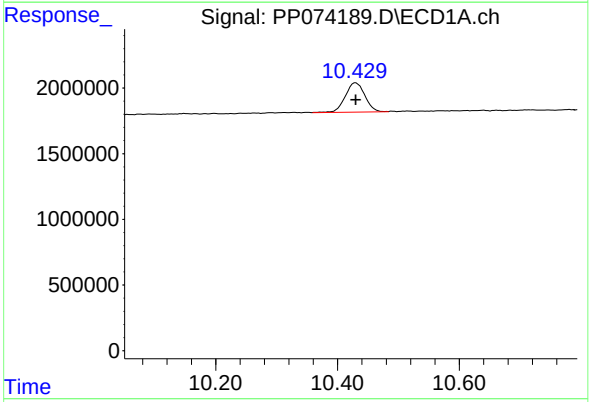
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



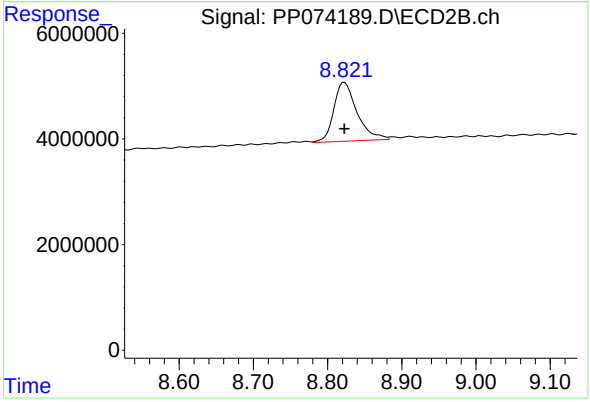
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



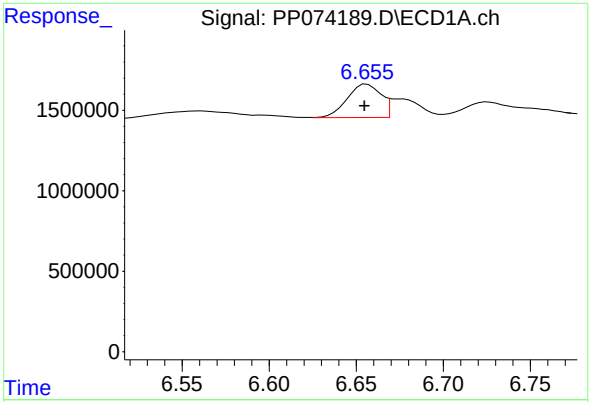
#2 Decachlorobiphenyl

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



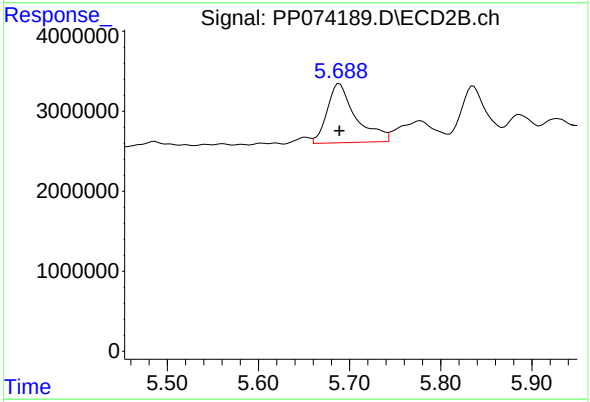
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 2796732
Conc: 51.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

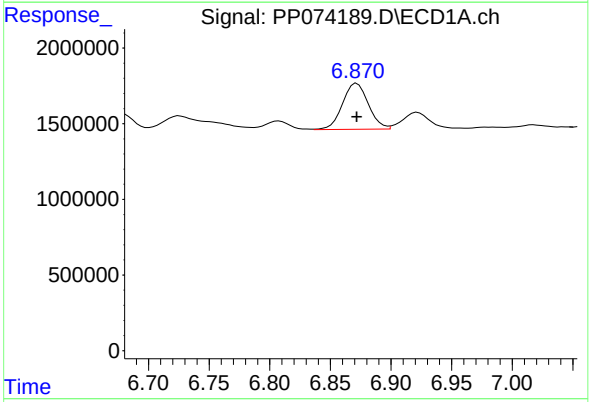
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



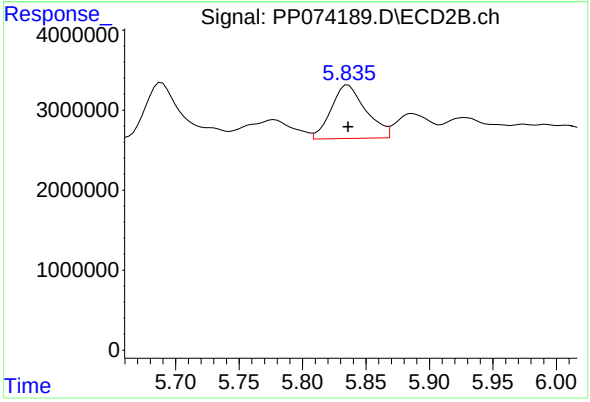
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



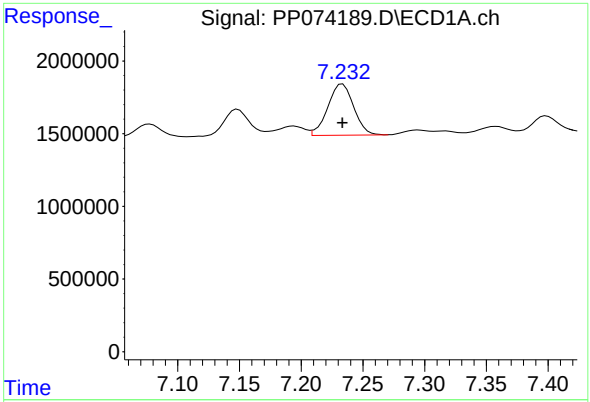
#27 AR-1254-2

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



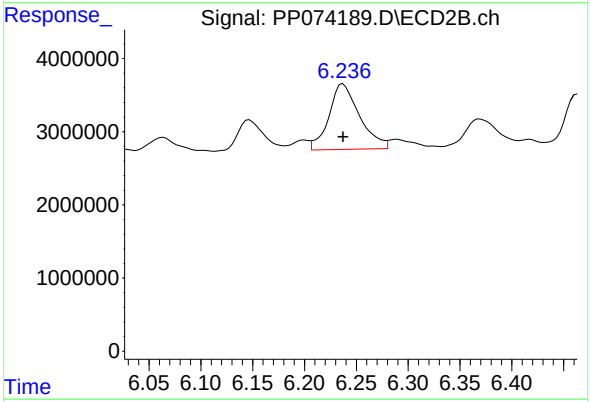
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

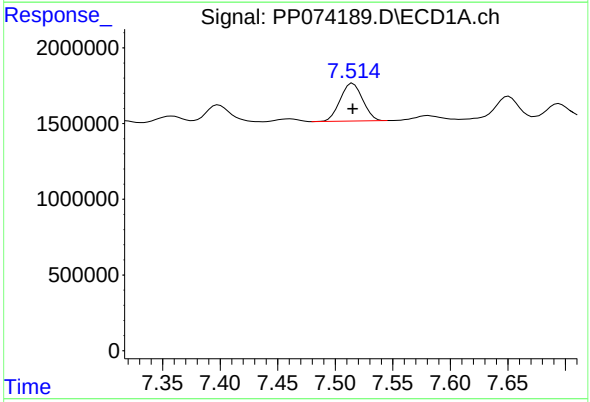
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



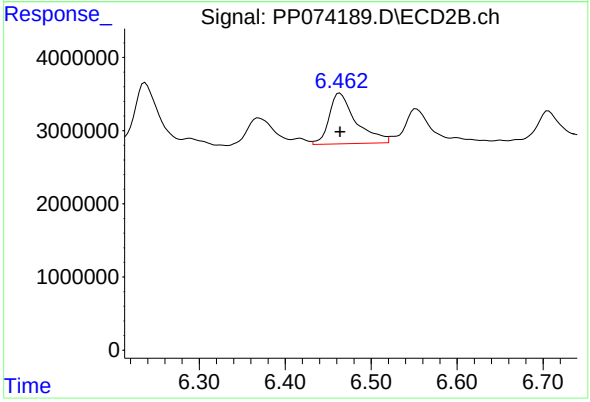
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



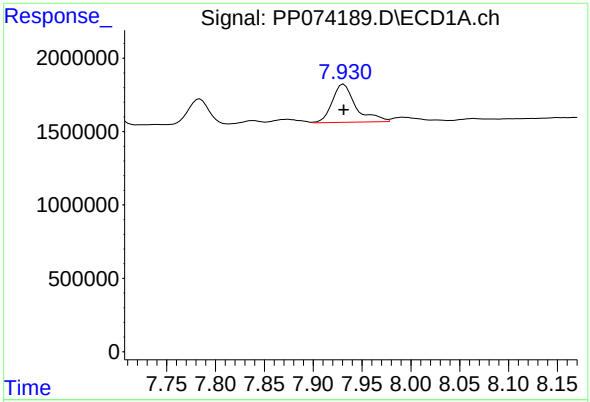
#29 AR-1254-4

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



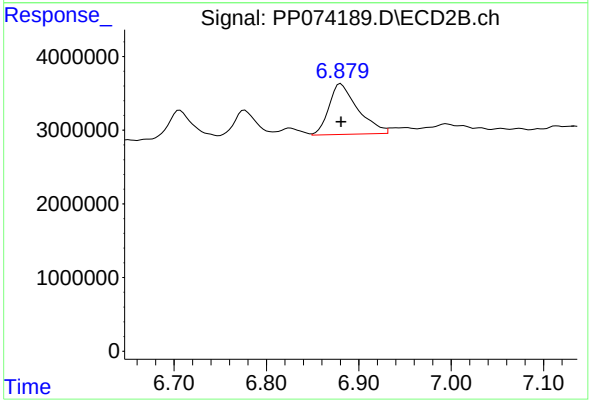
#30 AR-1254-5

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 08/05/2025



#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.

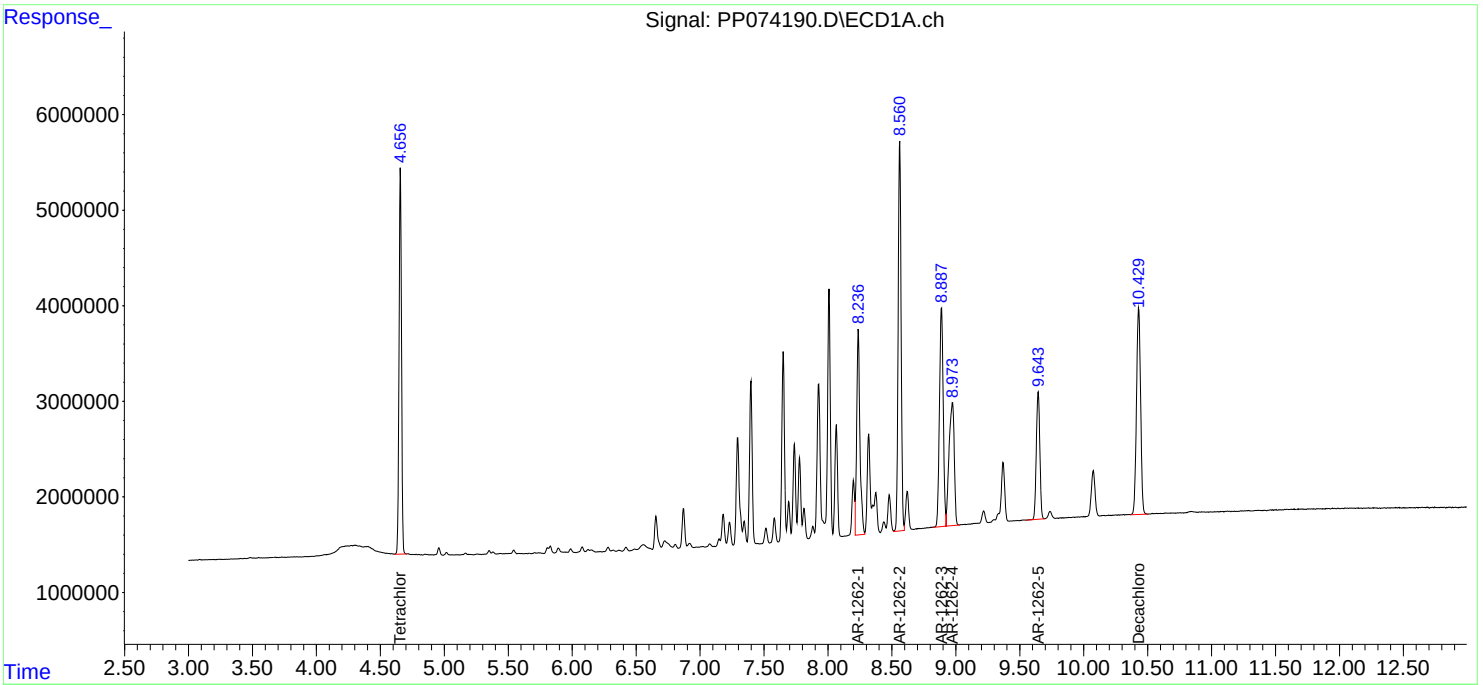
ICAL Form

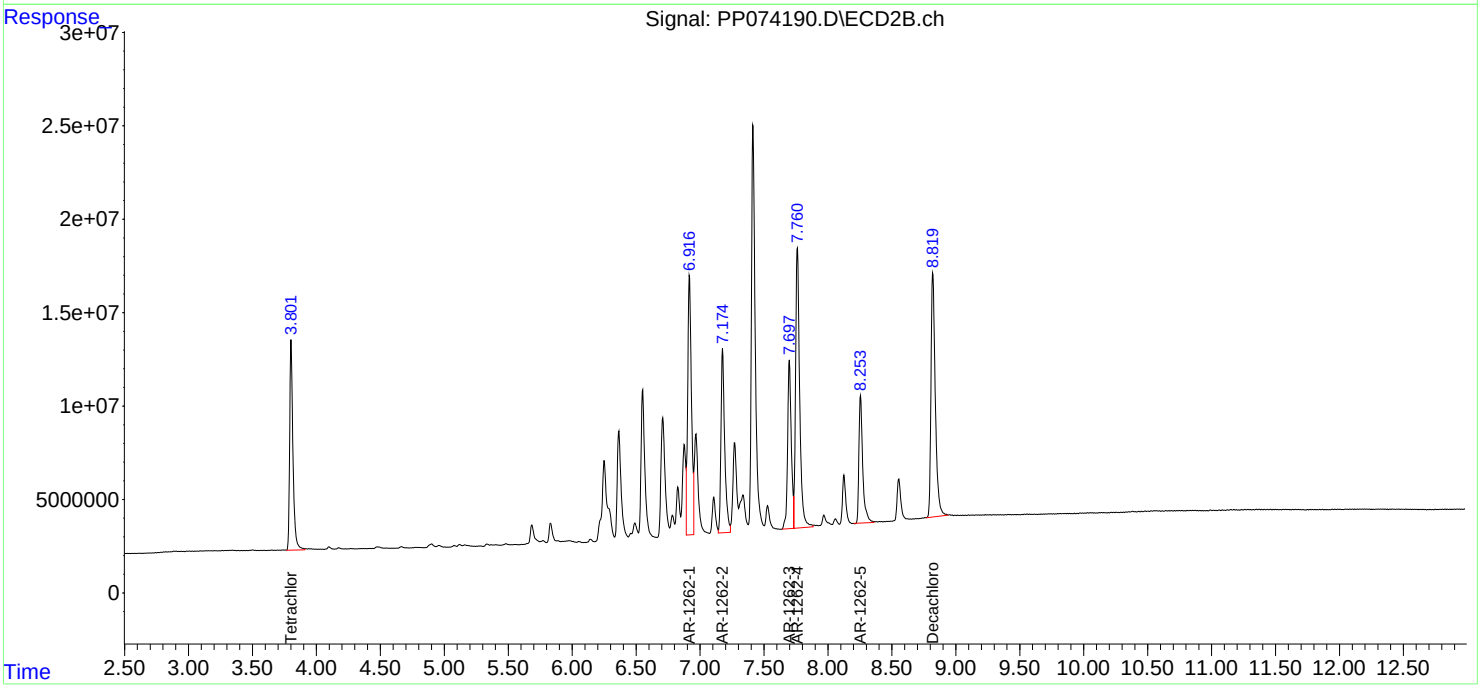
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

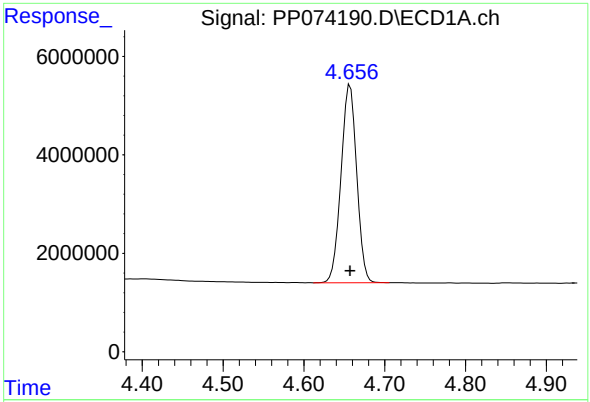
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

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



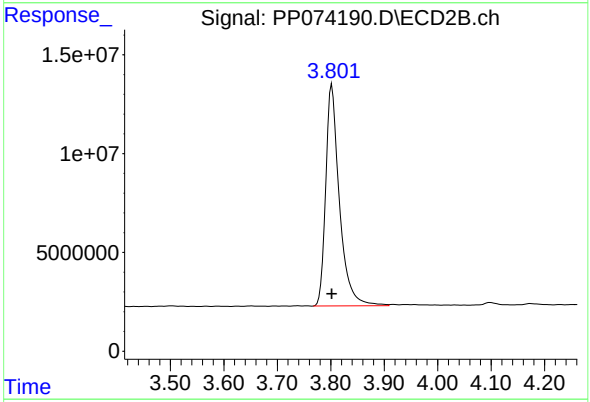




#1 Tetrachloro-m-xylene

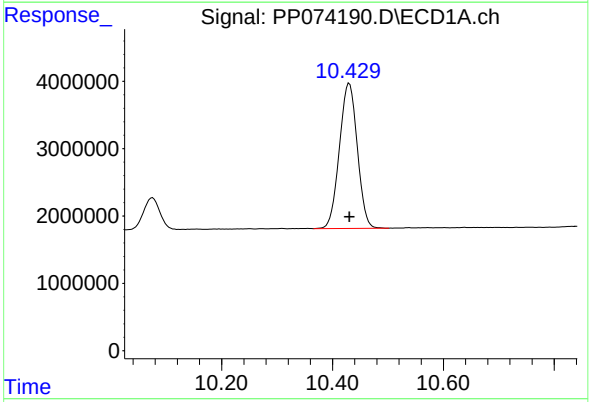
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 54354703
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



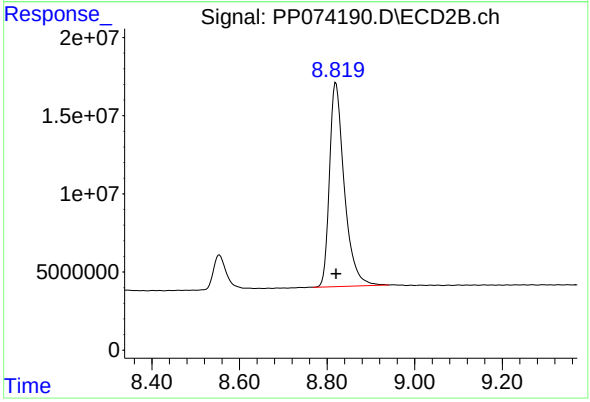
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 199655972
Conc: 50.00 ng/ml



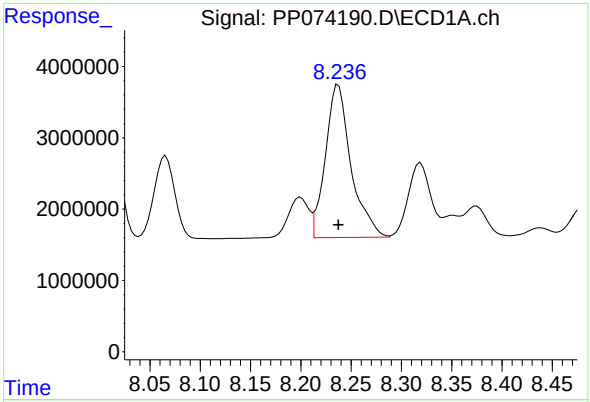
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 48321379
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

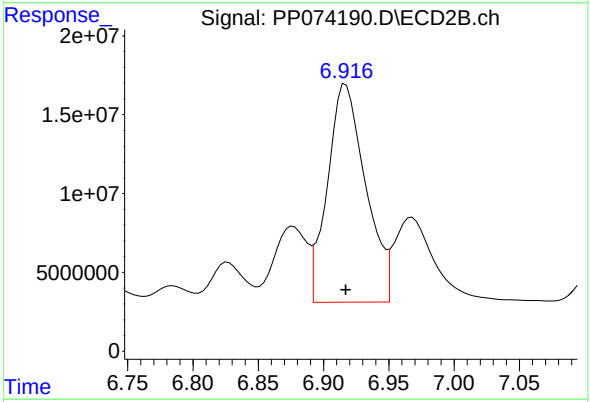
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 306598020
Conc: 50.00 ng/ml



#36 AR-1262-1

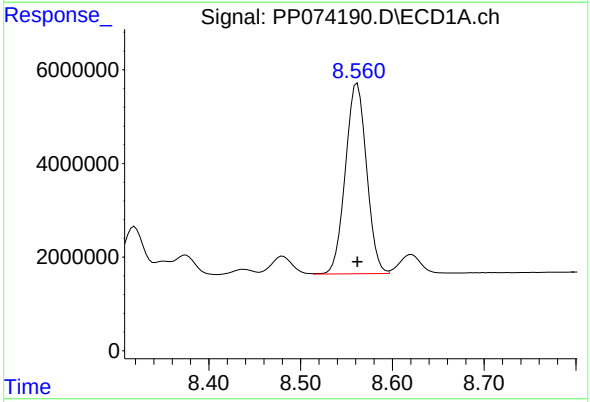
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 37894848
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



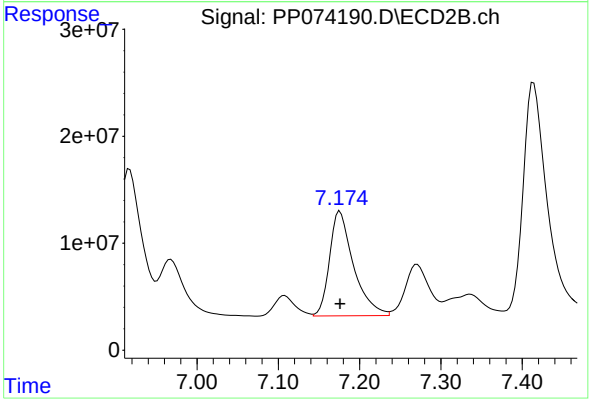
#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 281571248
Conc: 500.00 ng/ml



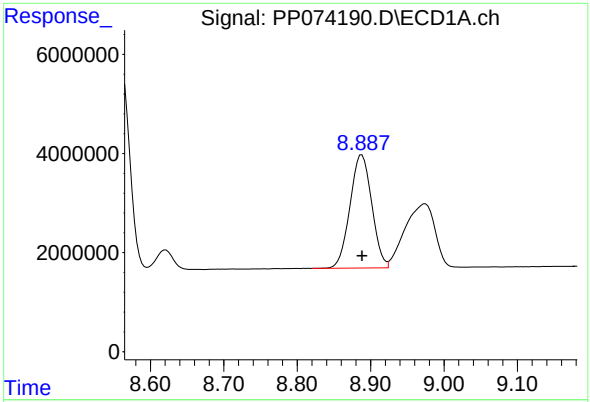
#37 AR-1262-2

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 65215013
Conc: 500.00 ng/ml



#37 AR-1262-2

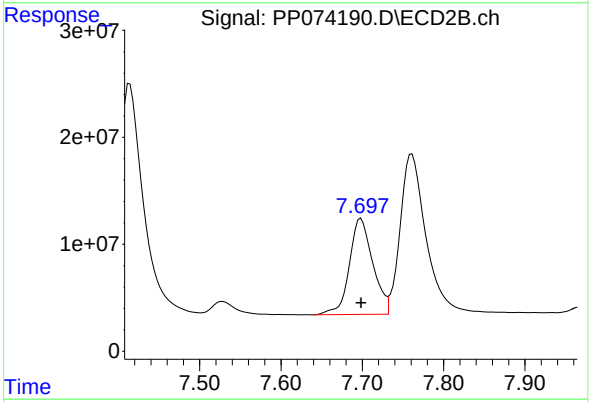
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 200511630
Conc: 500.00 ng/ml



#38 AR-1262-3

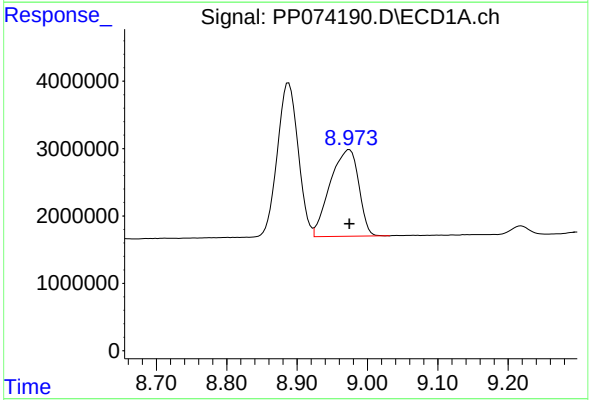
R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 47035440
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



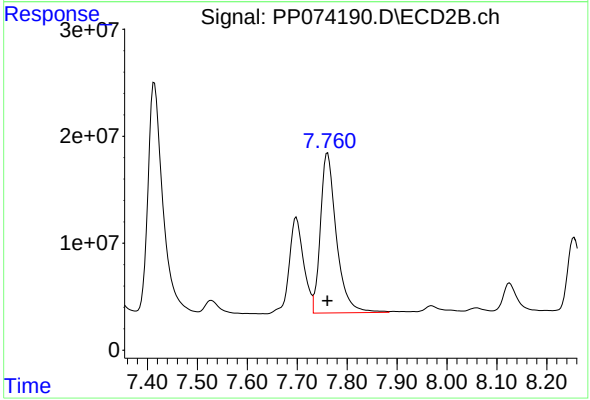
#38 AR-1262-3

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 179734932
Conc: 500.00 ng/ml



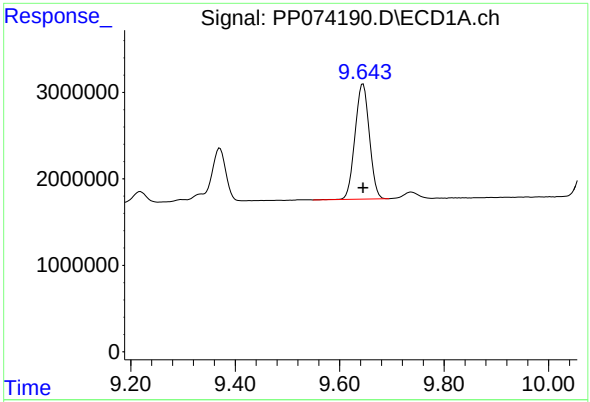
#39 AR-1262-4

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 36425846
Conc: 500.00 ng/ml



#39 AR-1262-4

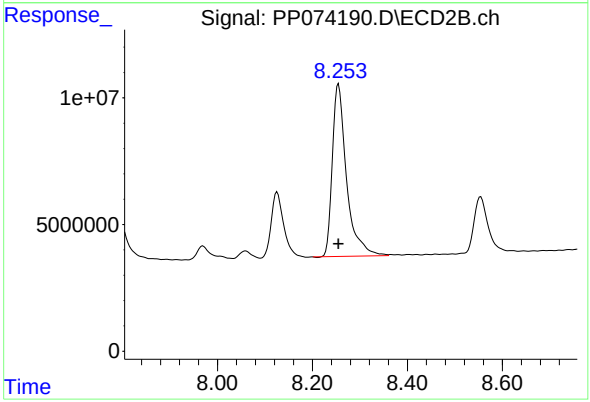
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 333460882
Conc: 500.00 ng/ml



#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 : PP074191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:55
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:14:16 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...	4.660	3.806	107.3E6	445.6E6	91.865	101.559
2)	SA Decachlor...	10.433	8.824	155.2E6	1157.5E6	89.969	97.766
	Target Compounds						
41)	L9 AR-1268-1	8.886	7.702	143.0E6	1143.7E6	904.622	978.134
42)	L9 AR-1268-2	8.982	7.765	131.9E6	1156.4E6	903.092	1007.226
43)	L9 AR-1268-3	9.222	7.975	109.2E6	878.4E6	899.165	984.874
44)	L9 AR-1268-4	9.648	8.259	53399207	344.2E6	895.237	1044.810
45)	L9 AR-1268-5	10.079	8.559	329.9E6	2783.9E6	921.775	1004.170

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

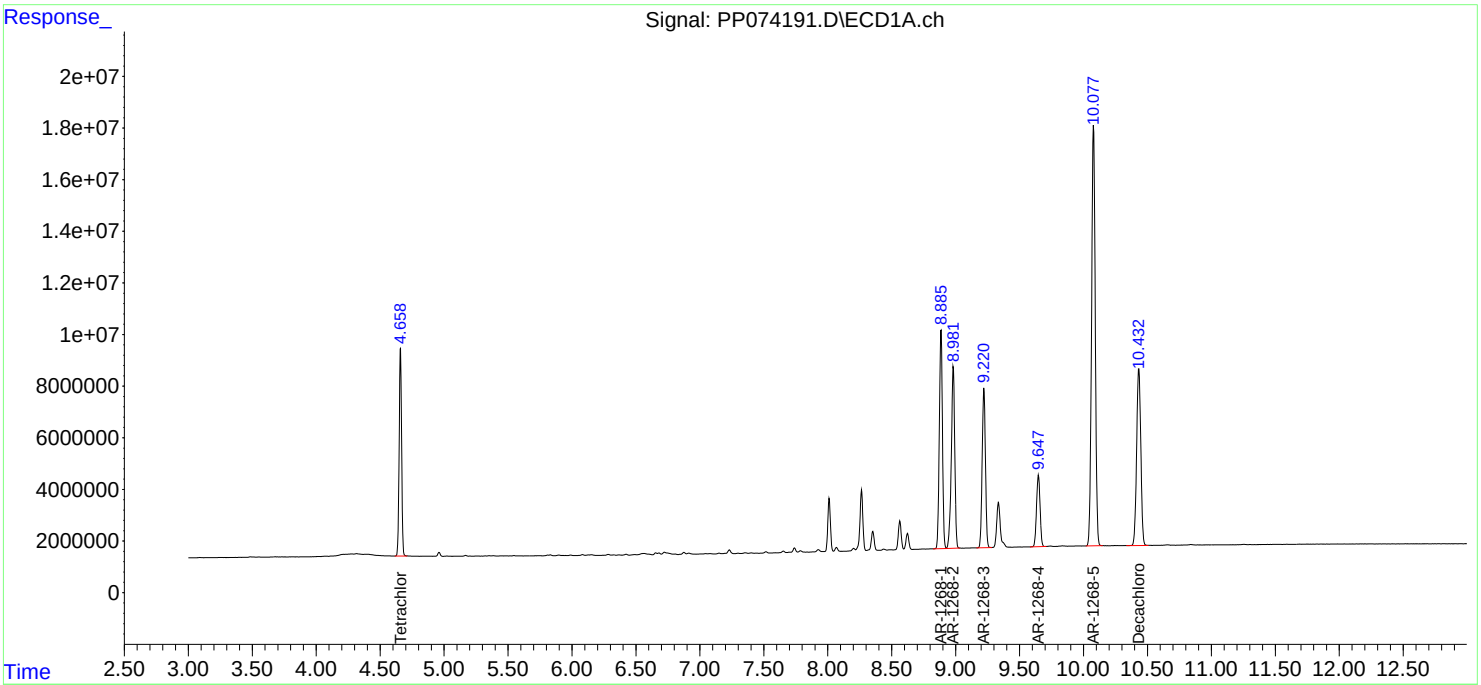
ICAL Form

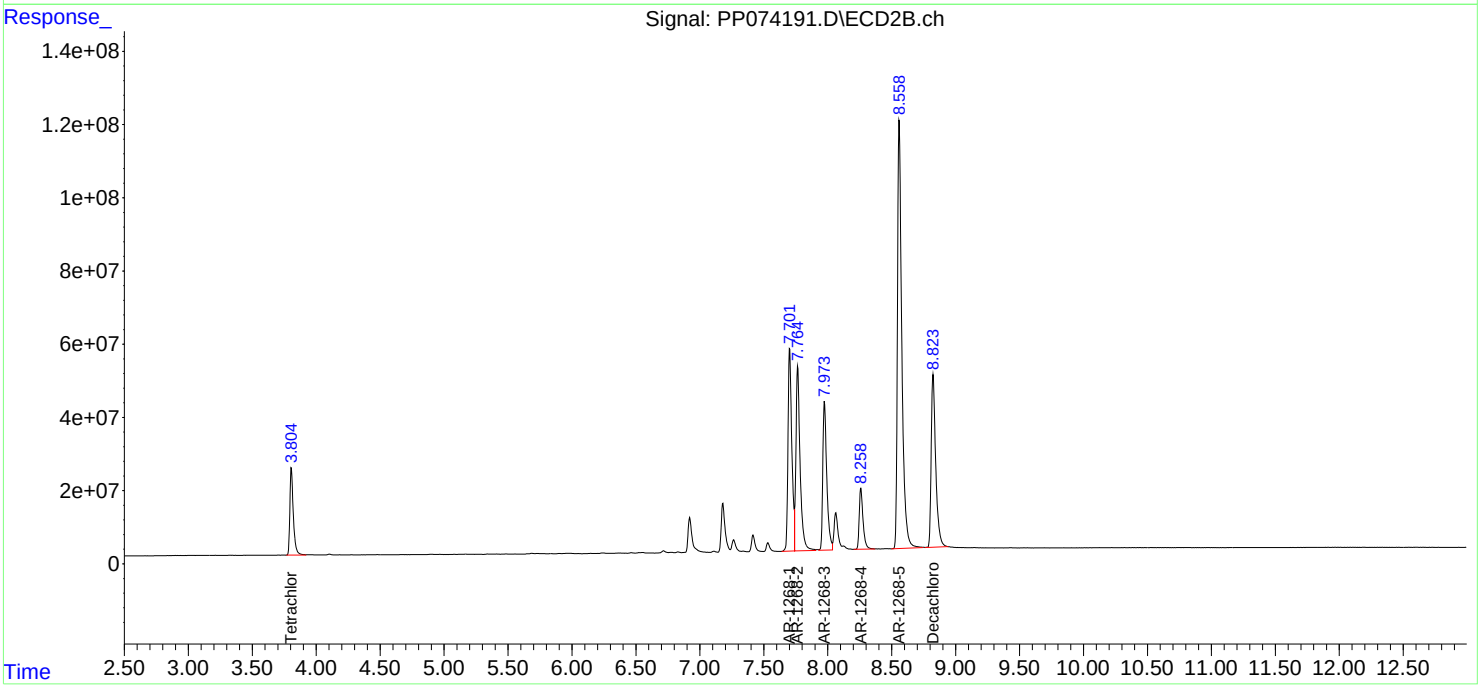
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:55
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

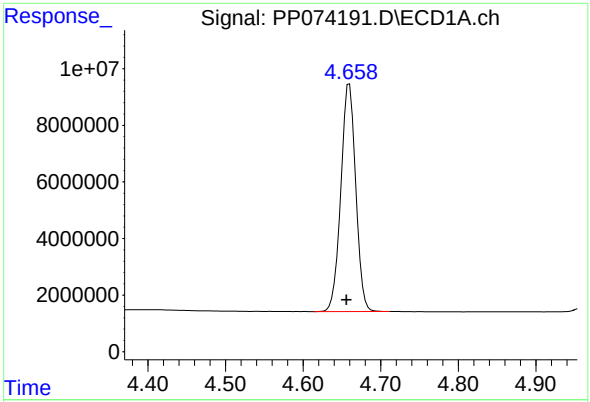
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:14:16 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



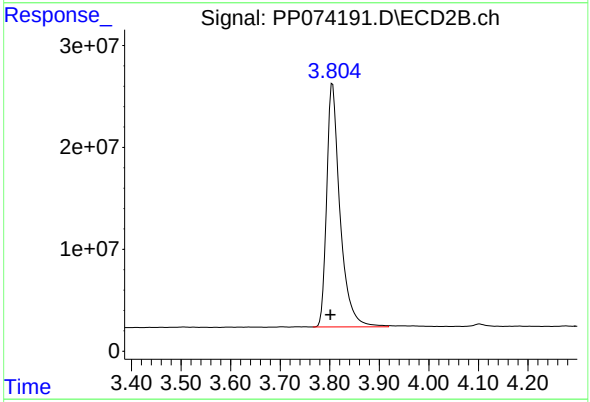




#1 Tetrachloro-m-xylene

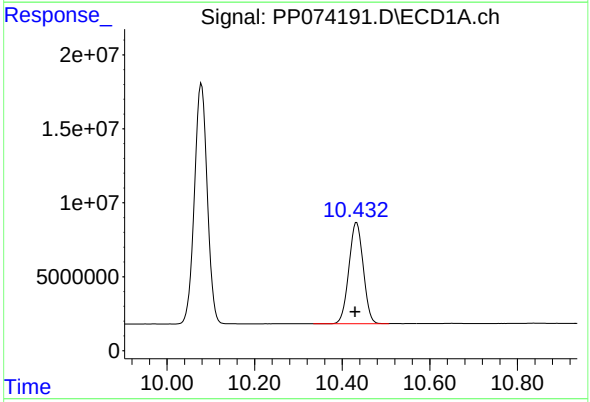
R.T.: 4.660 min
Delta R.T.: 0.004 min
Response: 107333129
Conc: 91.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



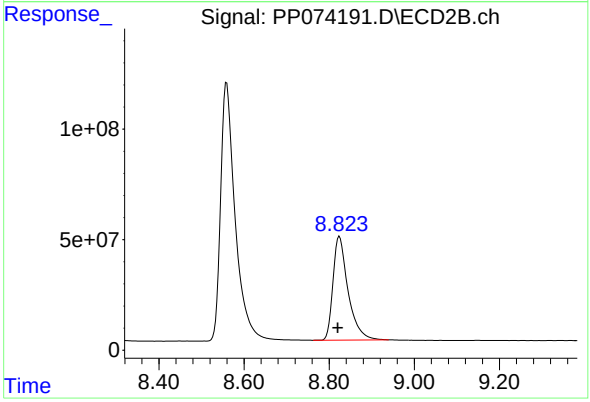
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.004 min
Response: 445644976
Conc: 101.56 ng/ml



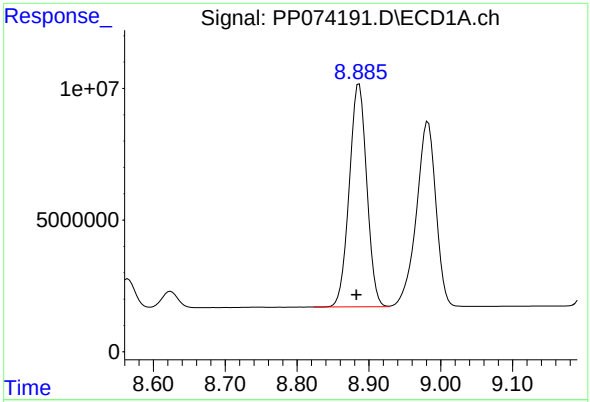
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.004 min
Response: 155232946
Conc: 89.97 ng/ml



#2 Decachlorobiphenyl

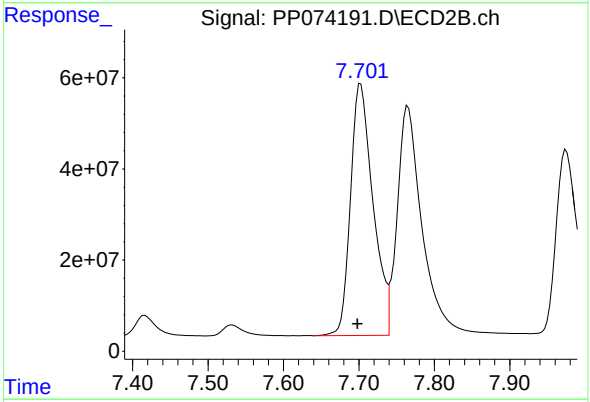
R.T.: 8.824 min
Delta R.T.: 0.004 min
Response: 1157483434
Conc: 97.77 ng/ml



#41 AR-1268-1

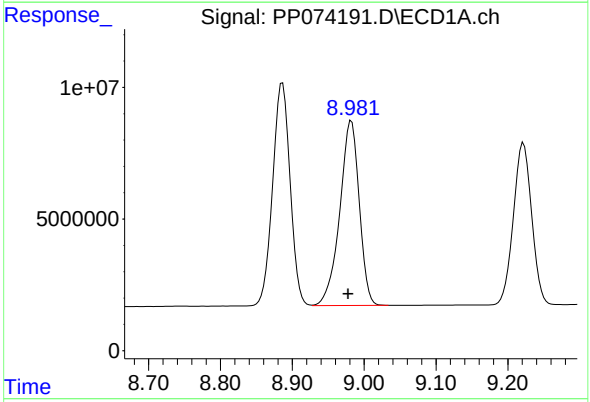
R.T.: 8.886 min
Delta R.T.: 0.004 min
Response: 142955272
Conc: 904.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



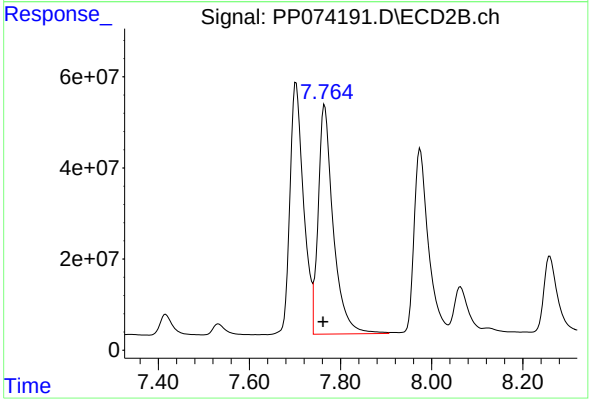
#41 AR-1268-1

R.T.: 7.702 min
Delta R.T.: 0.004 min
Response: 1143653576
Conc: 978.13 ng/ml



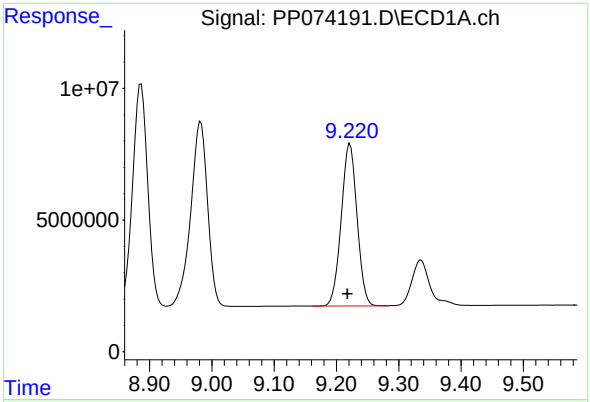
#42 AR-1268-2

R.T.: 8.982 min
Delta R.T.: 0.005 min
Response: 131876669
Conc: 903.09 ng/ml



#42 AR-1268-2

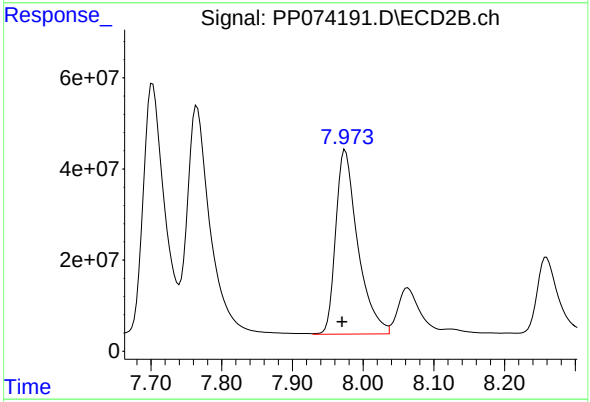
R.T.: 7.765 min
Delta R.T.: 0.004 min
Response: 1156429651
Conc: 1007.23 ng/ml



#43 AR-1268-3

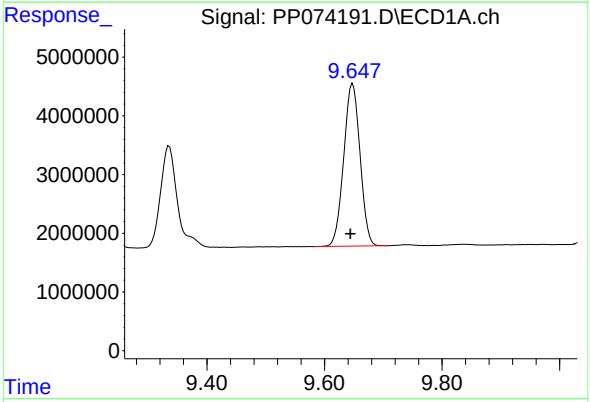
R.T.: 9.222 min
Delta R.T.: 0.004 min
Response: 109160207
Conc: 899.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



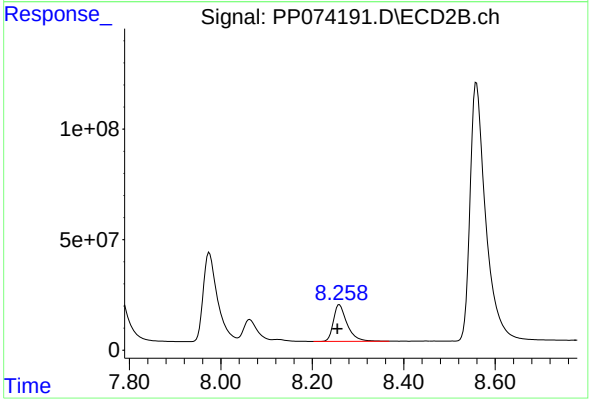
#43 AR-1268-3

R.T.: 7.975 min
Delta R.T.: 0.005 min
Response: 878376375
Conc: 984.87 ng/ml



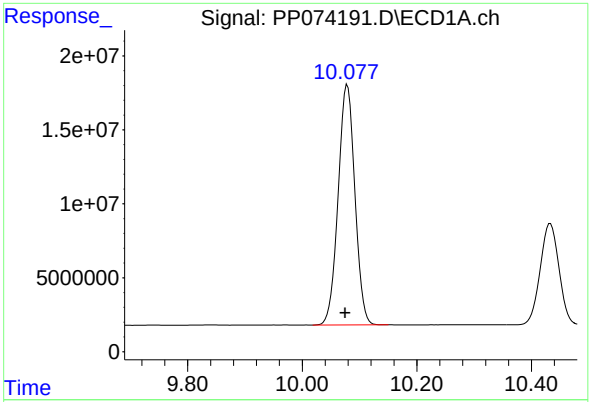
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.004 min
Response: 53399207
Conc: 895.24 ng/ml



#44 AR-1268-4

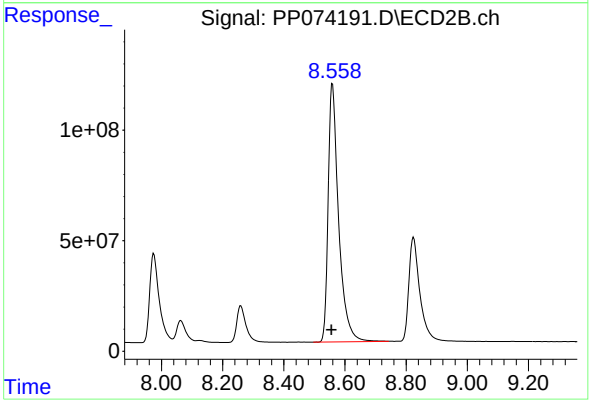
R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 344232734
Conc: 1044.81 ng/ml



#45 AR-1268-5

R.T.: 10.079 min
Delta R.T.: 0.004 min
Response: 329940751
Conc: 921.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.559 min
Delta R.T.: 0.003 min
Response: 2783858185
Conc: 1004.17 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:11
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:07 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...	4.660	3.805	82982141	328.5E6	71.024	74.872
2)	SA Decachlor...	10.434	8.824	122.6E6	883.8E6	71.035	74.649
	Target Compounds						
41)	L9 AR-1268-1	8.887	7.702	112.1E6	884.0E6	709.136	756.019
42)	L9 AR-1268-2	8.982	7.765	103.3E6	876.9E6	707.438	763.780
43)	L9 AR-1268-3	9.222	7.974	85685917	687.1E6	705.805	770.383
44)	L9 AR-1268-4	9.649	8.259	42371835	249.3E6	710.363	756.749
45)	L9 AR-1268-5	10.079	8.560	257.5E6	2073.8E6	719.349	748.028

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

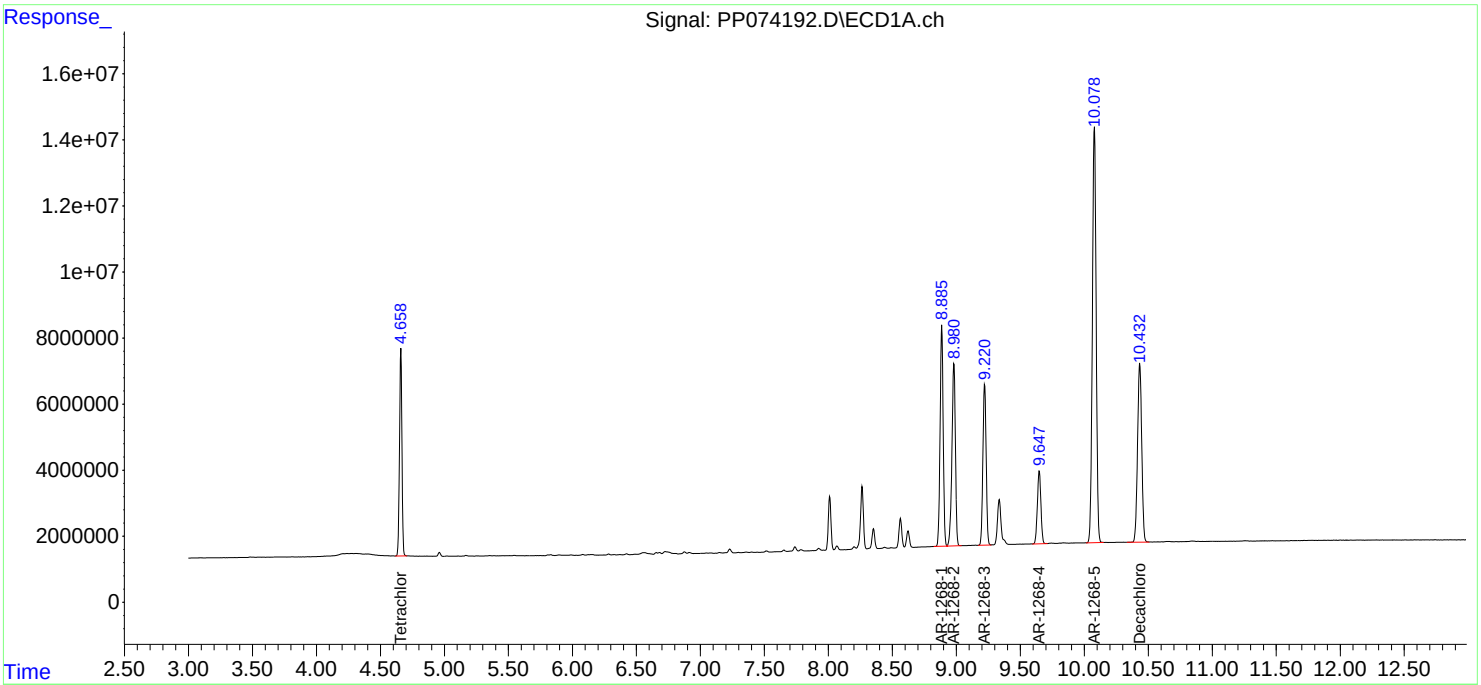
ICAL Form

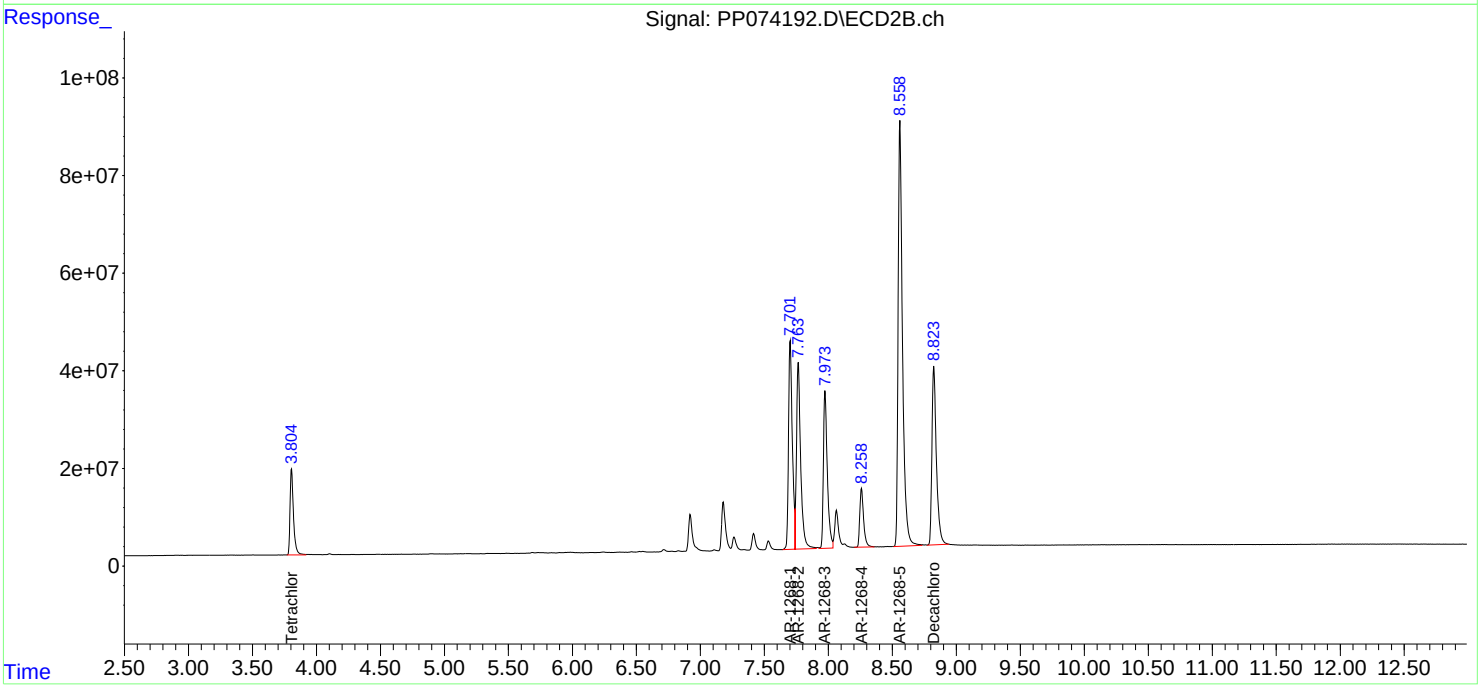
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:11
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

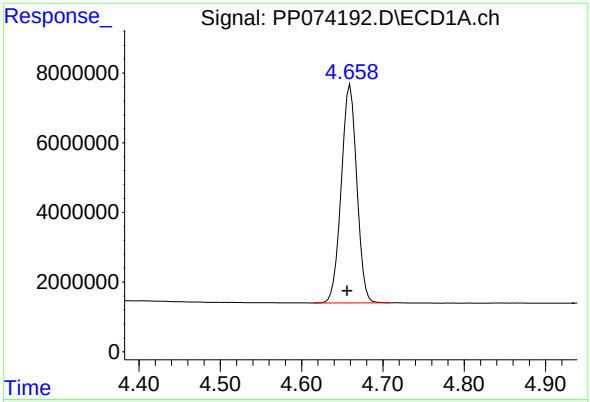
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:07 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



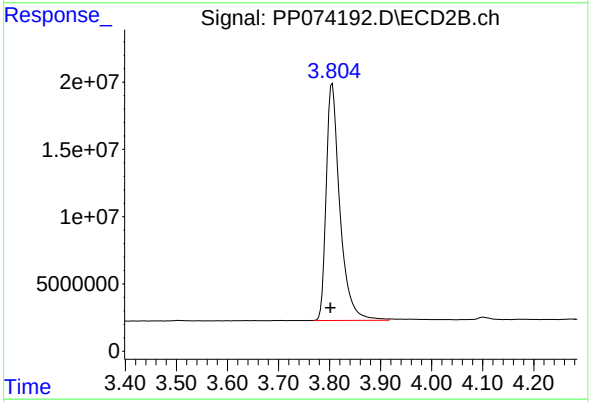




#1 Tetrachloro-m-xylene

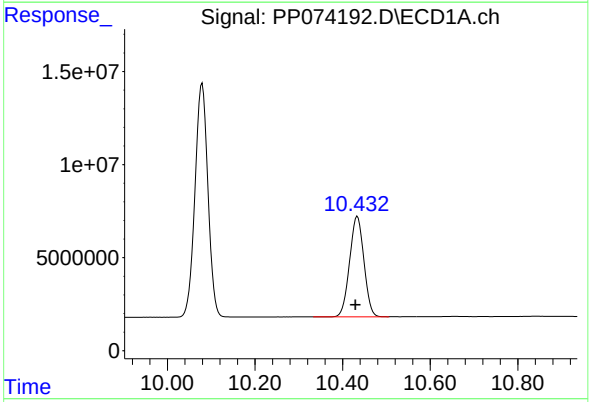
R.T.: 4.660 min
Delta R.T.: 0.004 min
Response: 82982141
Conc: 71.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



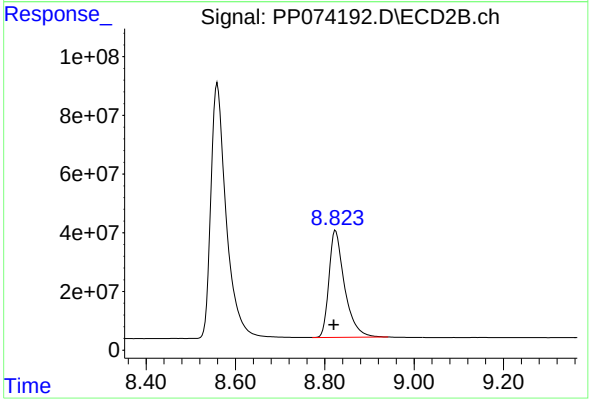
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.004 min
Response: 328540610
Conc: 74.87 ng/ml



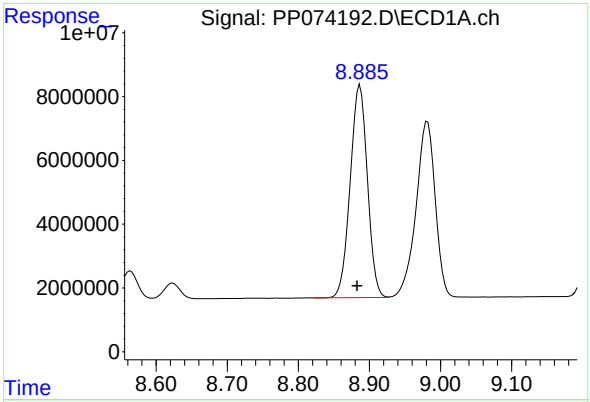
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 122564968
Conc: 71.04 ng/ml



#2 Decachlorobiphenyl

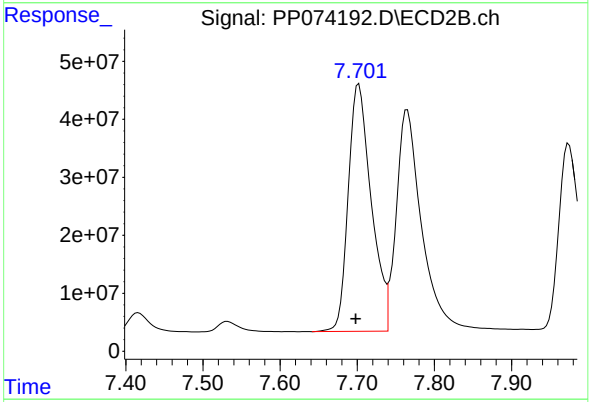
R.T.: 8.824 min
Delta R.T.: 0.004 min
Response: 883786802
Conc: 74.65 ng/ml



#41 AR-1268-1

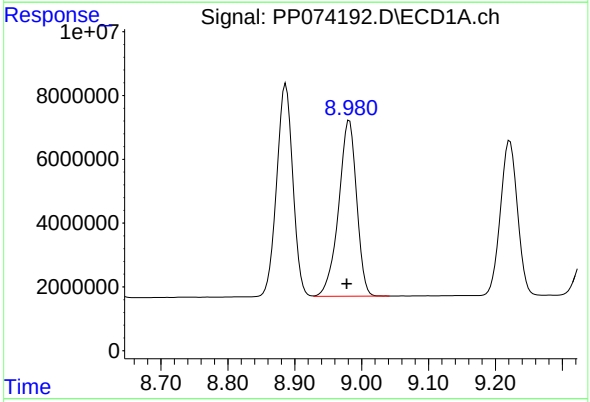
R.T.: 8.887 min
Delta R.T.: 0.004 min
Response: 112063033
Conc: 709.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



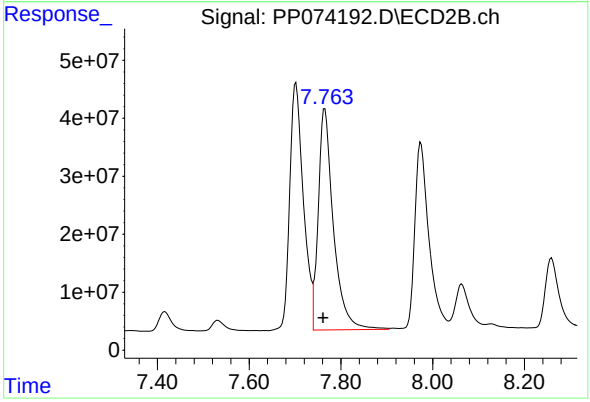
#41 AR-1268-1

R.T.: 7.702 min
Delta R.T.: 0.004 min
Response: 883952736
Conc: 756.02 ng/ml



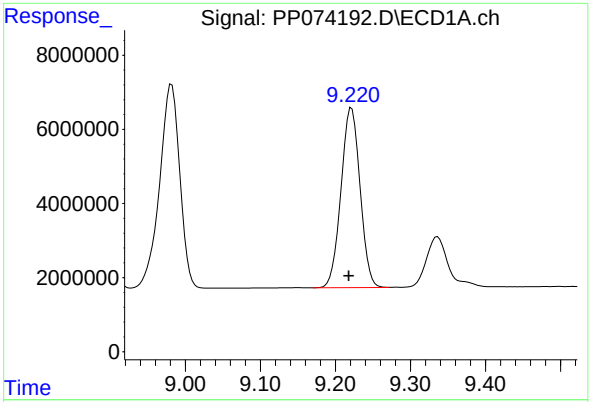
#42 AR-1268-2

R.T.: 8.982 min
Delta R.T.: 0.004 min
Response: 103305723
Conc: 707.44 ng/ml



#42 AR-1268-2

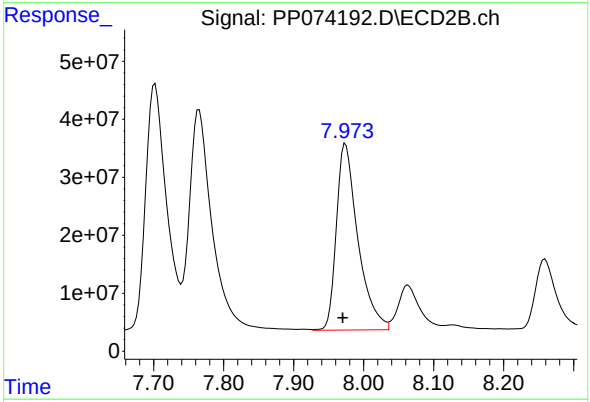
R.T.: 7.765 min
Delta R.T.: 0.003 min
Response: 876920343
Conc: 763.78 ng/ml



#43 AR-1268-3

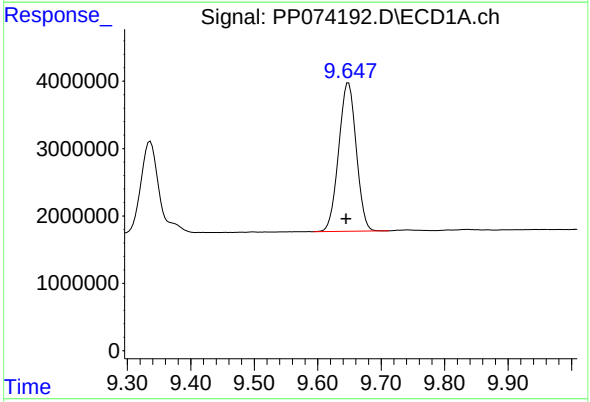
R.T.: 9.222 min
Delta R.T.: 0.004 min
Response: 85685917
Conc: 705.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



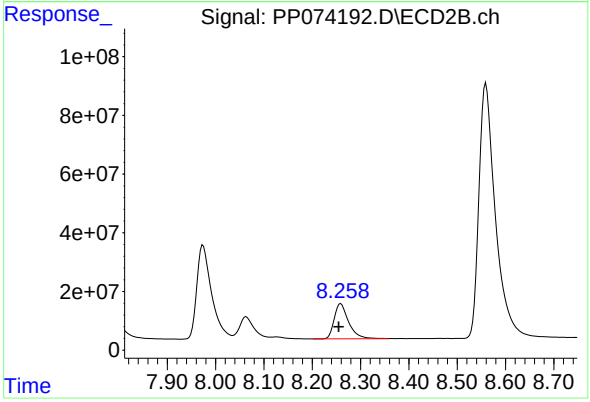
#43 AR-1268-3

R.T.: 7.974 min
Delta R.T.: 0.004 min
Response: 687078838
Conc: 770.38 ng/ml



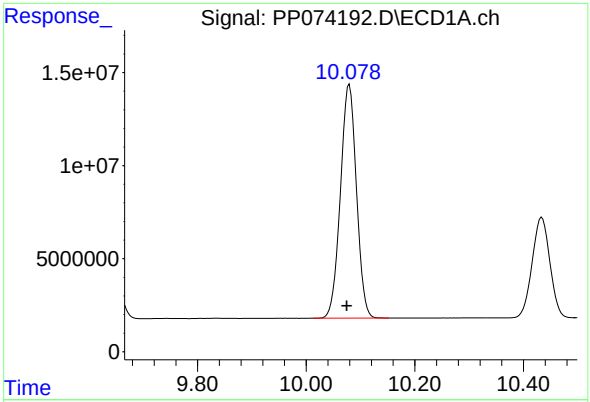
#44 AR-1268-4

R.T.: 9.649 min
Delta R.T.: 0.004 min
Response: 42371835
Conc: 710.36 ng/ml



#44 AR-1268-4

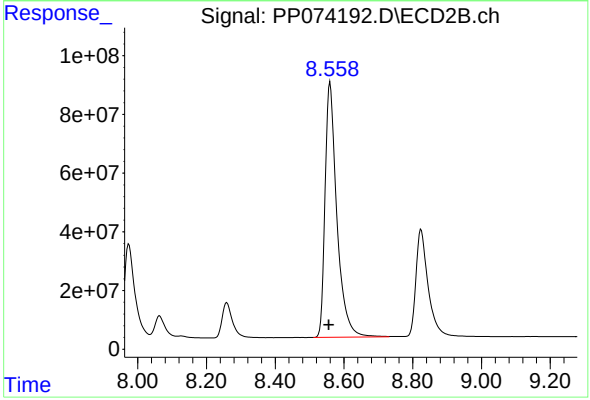
R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 249325715
Conc: 756.75 ng/ml



#45 AR-1268-5

R.T.: 10.079 min
Delta R.T.: 0.005 min
Response: 257484148
Conc: 719.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.560 min
Delta R.T.: 0.004 min
Response: 2073757013
Conc: 748.03 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.

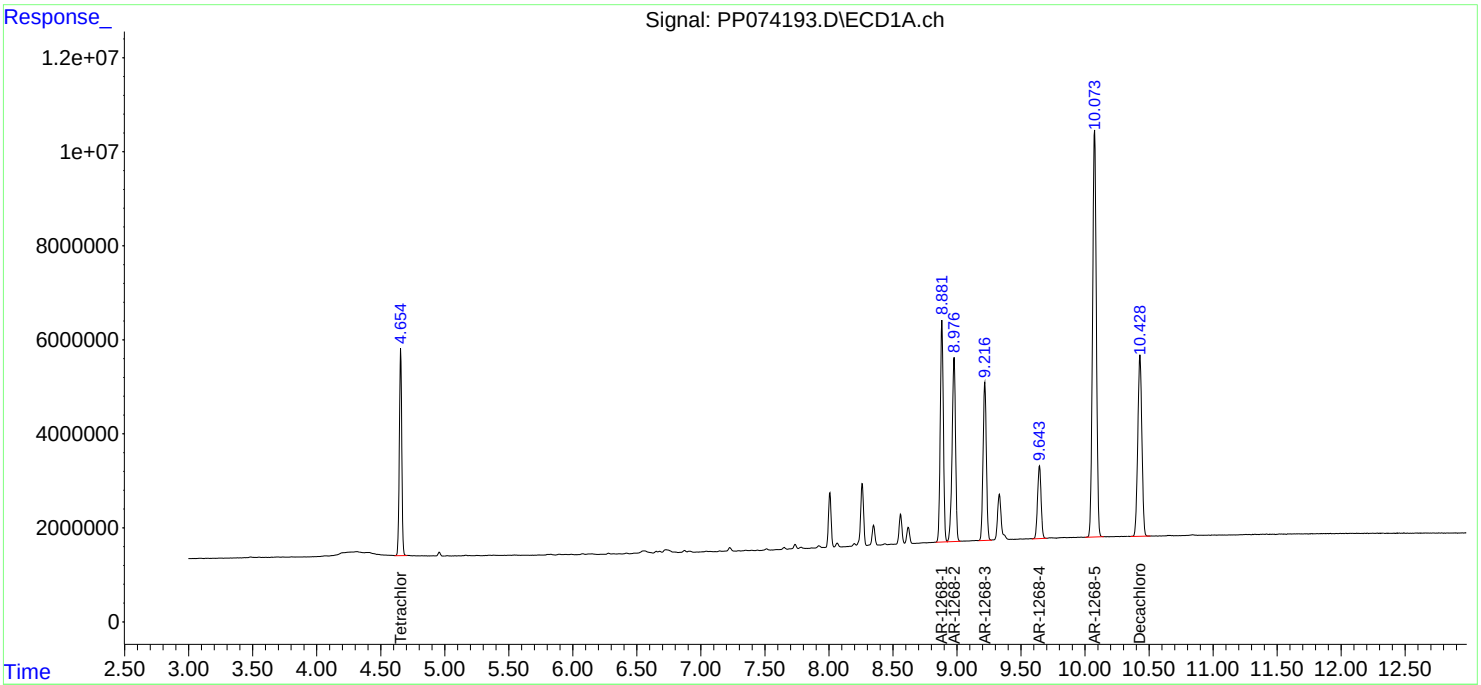
ICAL Form

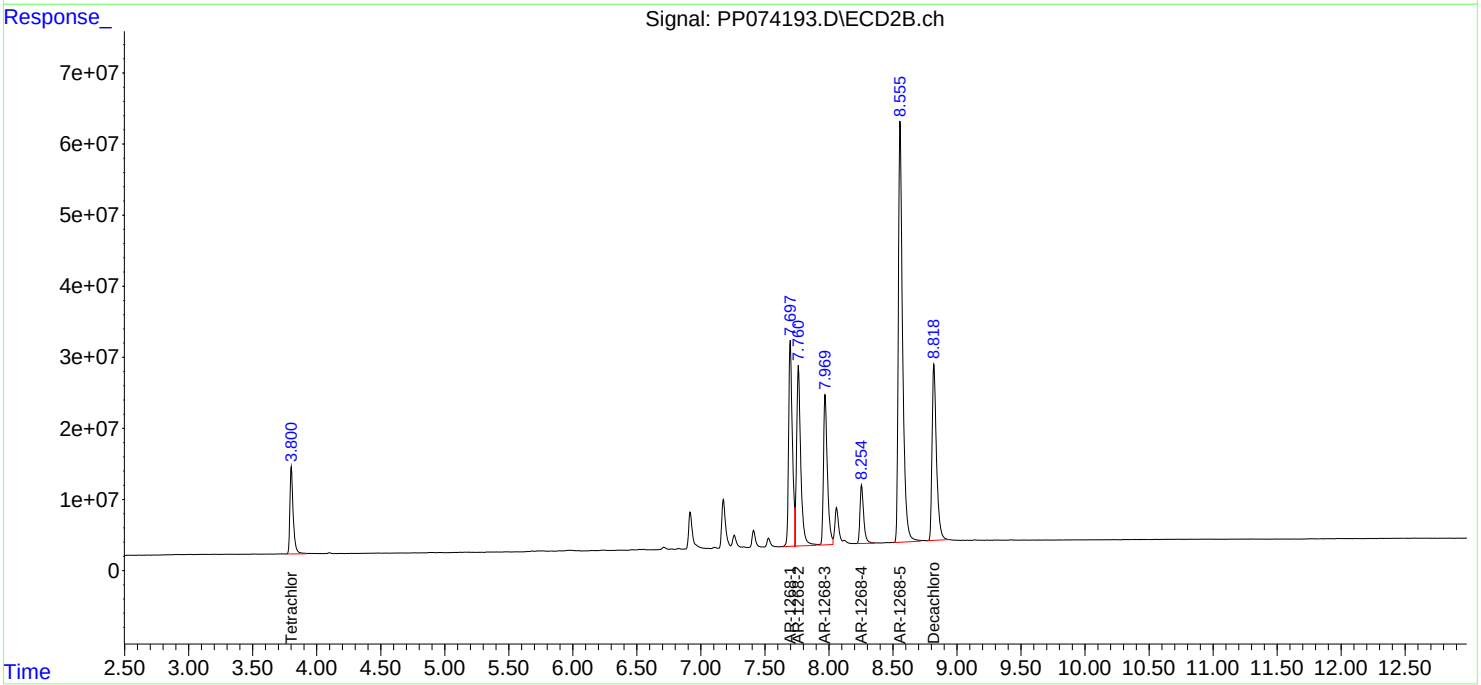
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

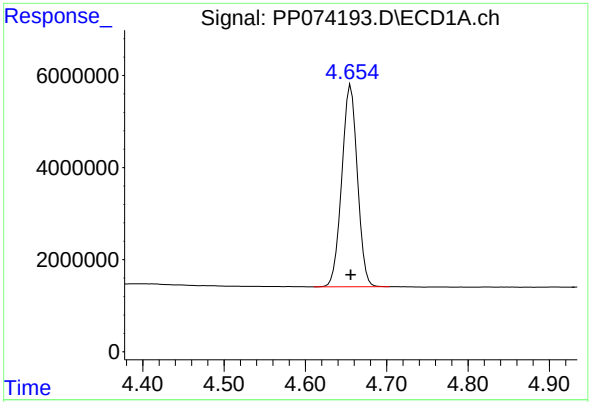
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

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



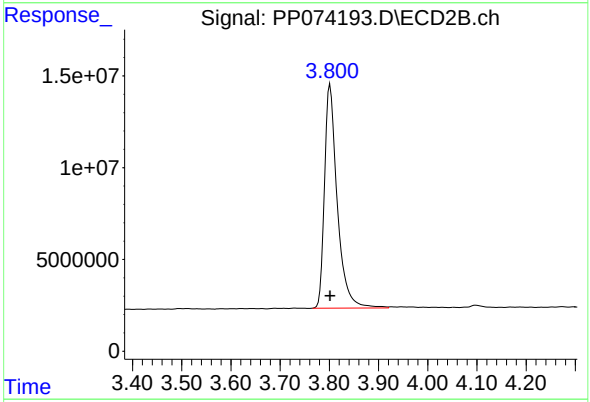




#1 Tetrachloro-m-xylene

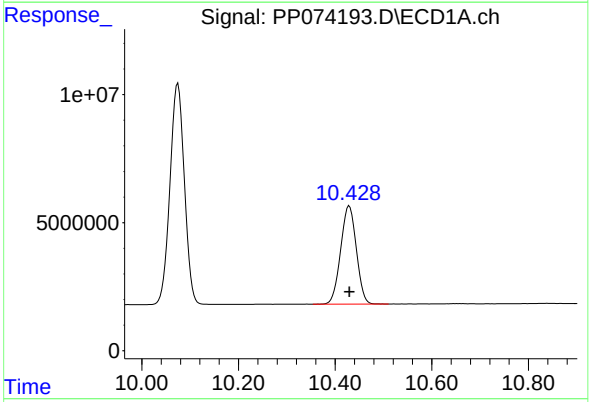
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 58418637
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



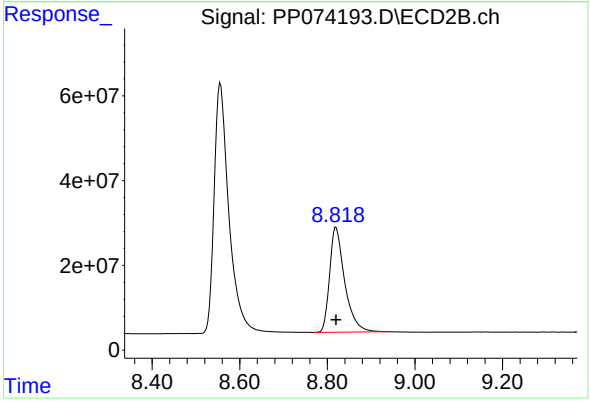
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 219400957
Conc: 50.00 ng/ml



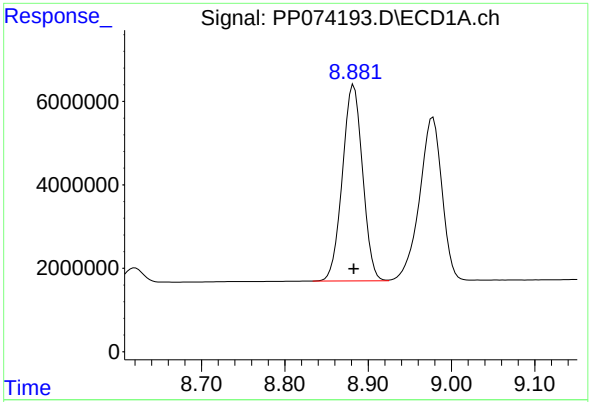
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 86270477
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

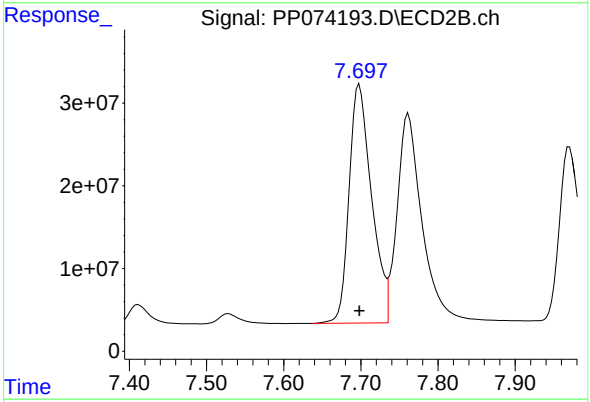
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 591964965
Conc: 50.00 ng/ml



#41 AR-1268-1

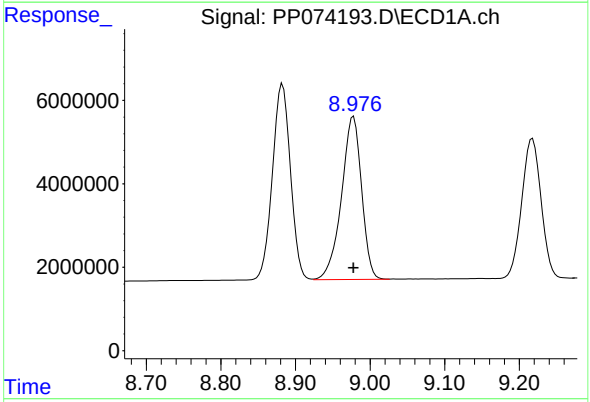
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 79013824
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



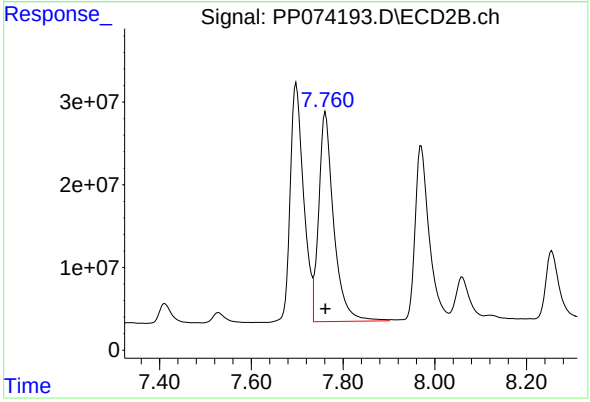
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 584610148
Conc: 500.00 ng/ml



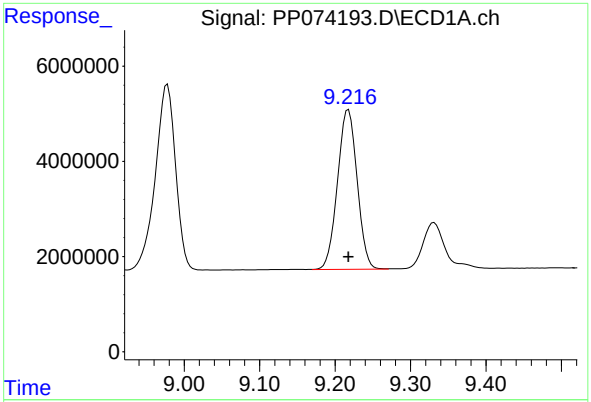
#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 73014004
Conc: 500.00 ng/ml



#42 AR-1268-2

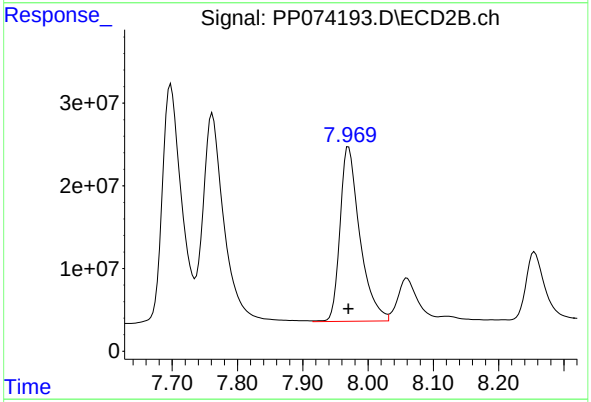
R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 574066353
Conc: 500.00 ng/ml



#43 AR-1268-3

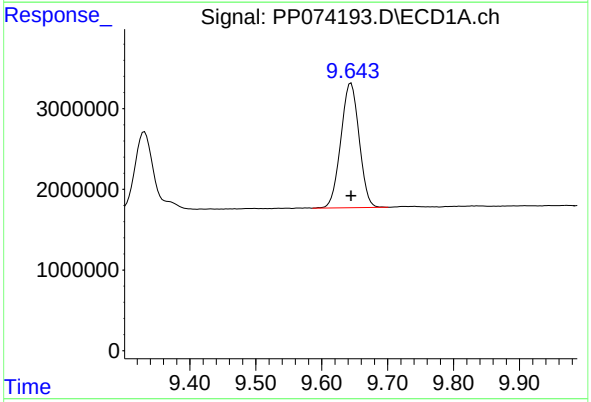
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 60700868
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



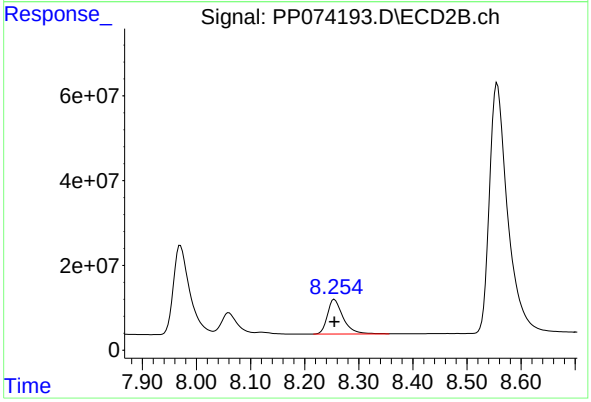
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 445933310
Conc: 500.00 ng/ml



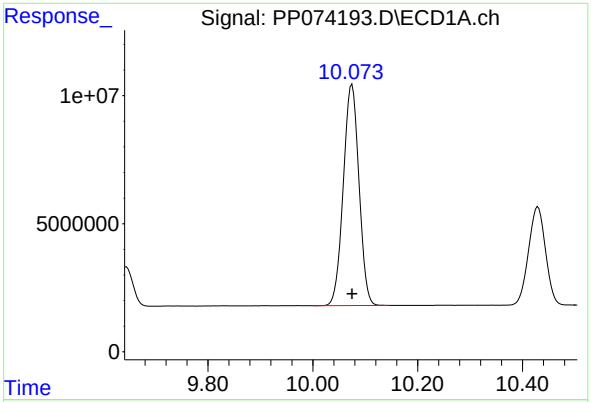
#44 AR-1268-4

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 29824069
Conc: 500.00 ng/ml



#44 AR-1268-4

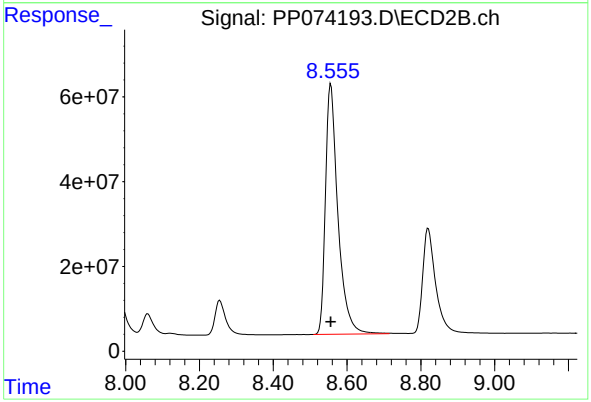
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 164734669
Conc: 500.00 ng/ml



#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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:44
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:16:13 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...	4.661	3.806	30619098	97280334	26.207	22.170
2)	SA Decachlor...	10.434	8.824	46251769	293.7E6	26.806	24.809
	Target Compounds						
41)	L9 AR-1268-1	8.887	7.703	42264669	284.5E6	267.451	243.315
42)	L9 AR-1268-2	8.982	7.766	39023835	270.5E6	267.235	235.582
43)	L9 AR-1268-3	9.222	7.975	32490870	212.9E6	267.631	238.737
44)	L9 AR-1268-4	9.649	8.259	16001642	77199021	268.267	234.313
45)	L9 AR-1268-5	10.080	8.560	93745099	663.4E6	261.901	239.304

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

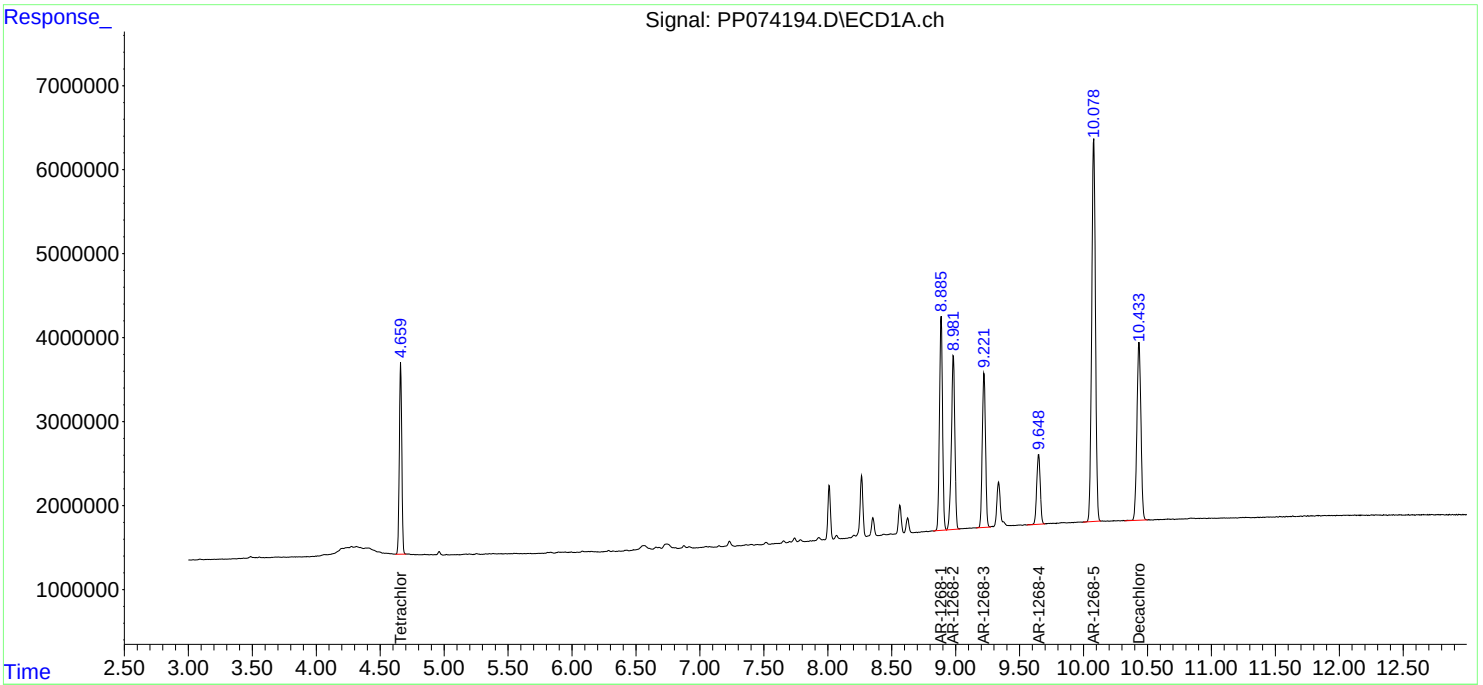
ICAL Form

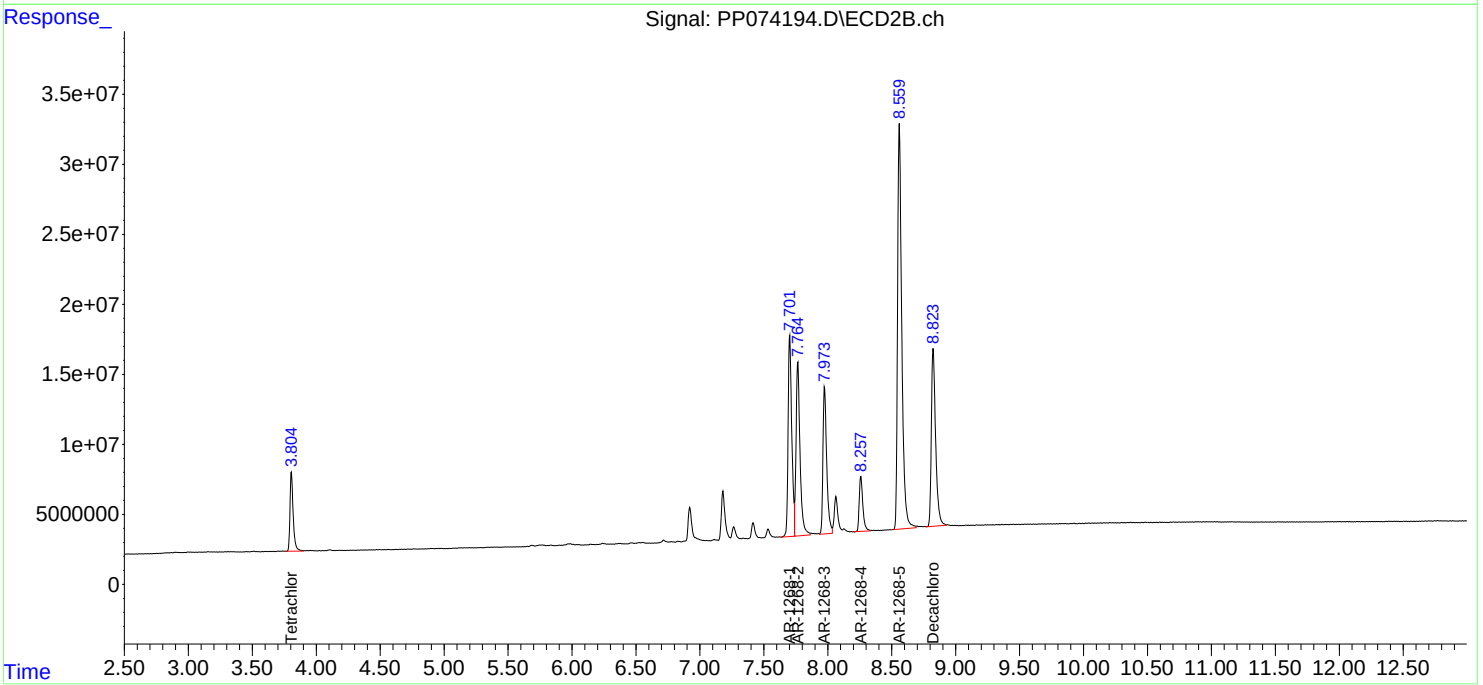
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:44
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

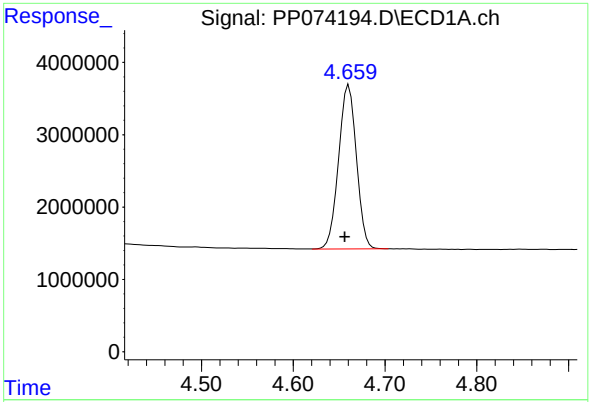
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:16:13 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



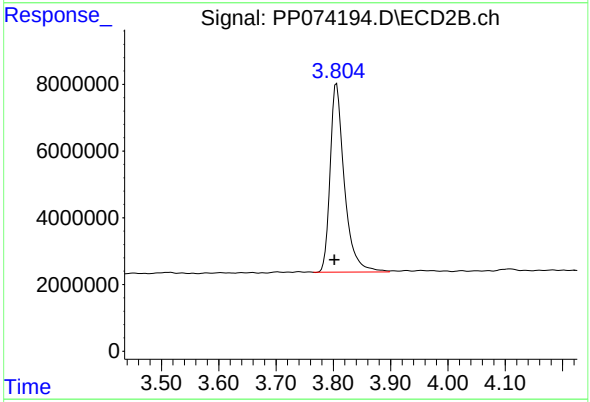




#1 Tetrachloro-m-xylene

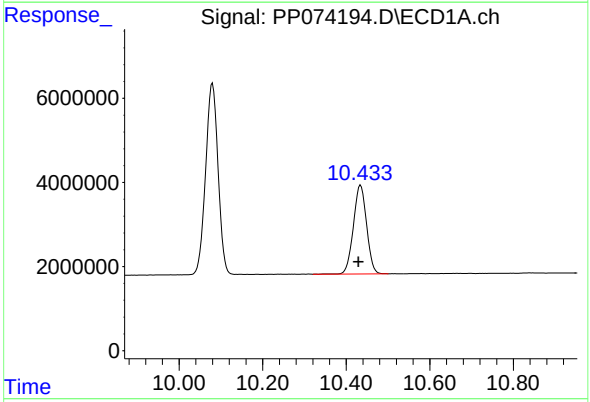
R.T.: 4.661 min
Delta R.T.: 0.005 min
Response: 30619098
Conc: 26.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



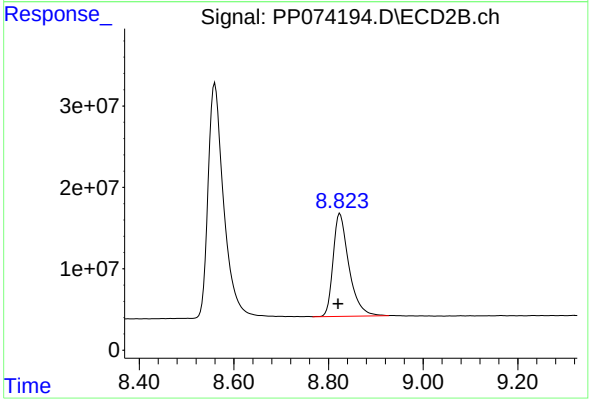
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.004 min
Response: 97280334
Conc: 22.17 ng/ml



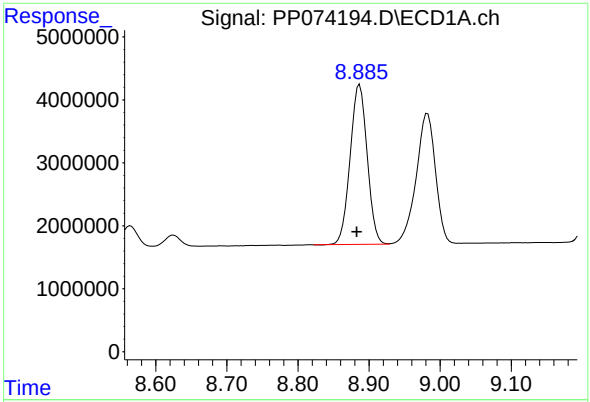
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 46251769
Conc: 26.81 ng/ml



#2 Decachlorobiphenyl

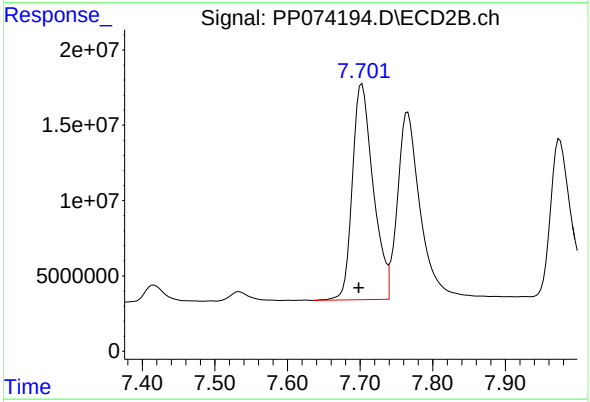
R.T.: 8.824 min
Delta R.T.: 0.004 min
Response: 293716119
Conc: 24.81 ng/ml



#41 AR-1268-1

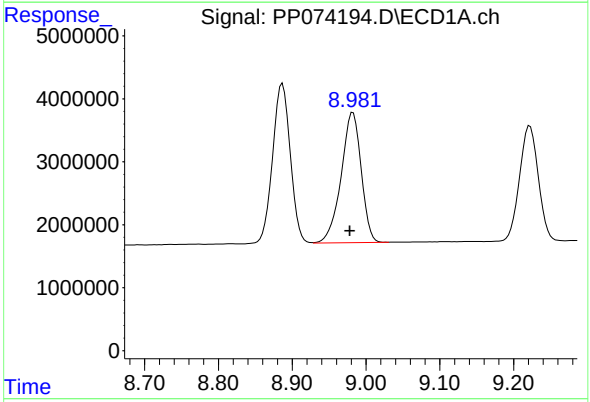
R.T.: 8.887 min
Delta R.T.: 0.004 min
Response: 42264669
Conc: 267.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



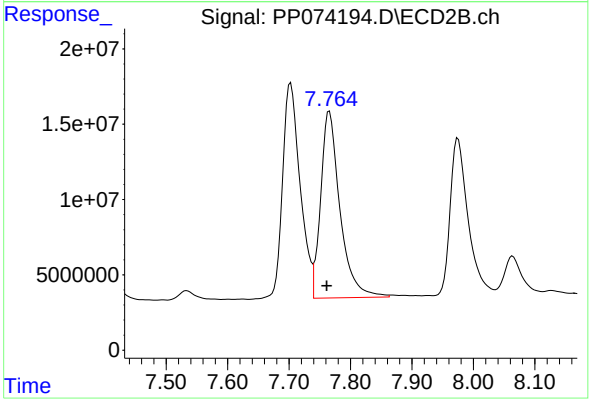
#41 AR-1268-1

R.T.: 7.703 min
Delta R.T.: 0.005 min
Response: 284488642
Conc: 243.31 ng/ml



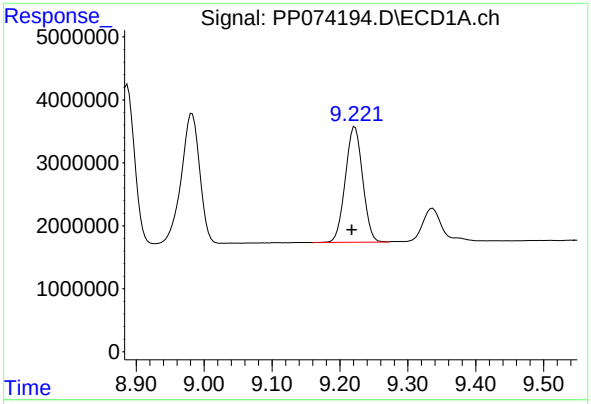
#42 AR-1268-2

R.T.: 8.982 min
Delta R.T.: 0.005 min
Response: 39023835
Conc: 267.24 ng/ml



#42 AR-1268-2

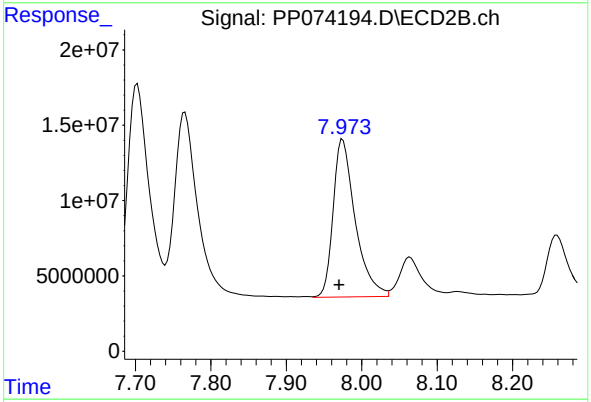
R.T.: 7.766 min
Delta R.T.: 0.004 min
Response: 270479885
Conc: 235.58 ng/ml



#43 AR-1268-3

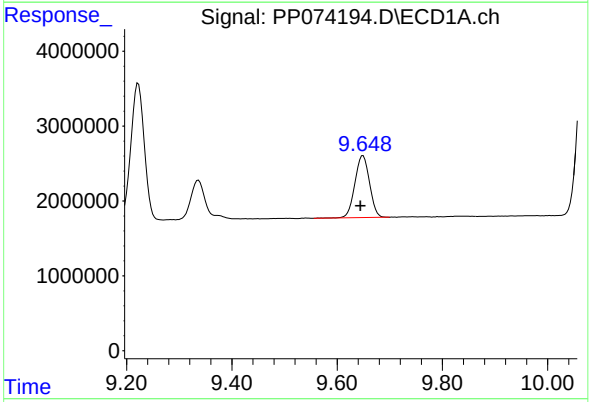
R.T.: 9.222 min
Delta R.T.: 0.004 min
Response: 32490870
Conc: 267.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



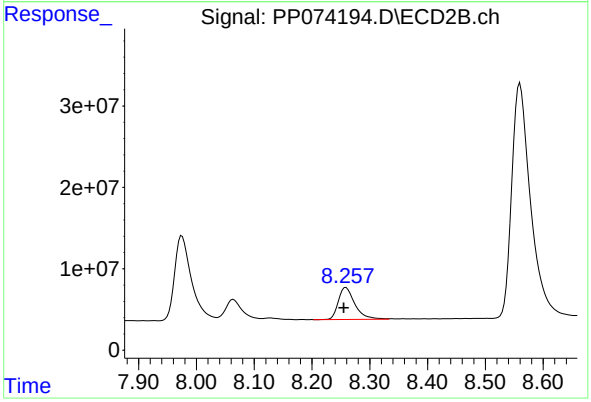
#43 AR-1268-3

R.T.: 7.975 min
Delta R.T.: 0.005 min
Response: 212921546
Conc: 238.74 ng/ml



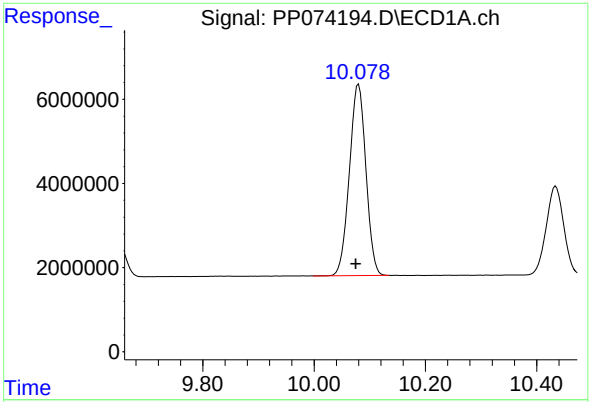
#44 AR-1268-4

R.T.: 9.649 min
Delta R.T.: 0.005 min
Response: 16001642
Conc: 268.27 ng/ml



#44 AR-1268-4

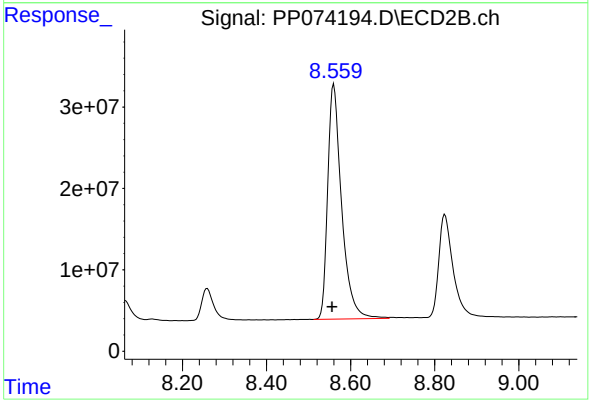
R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 77199021
Conc: 234.31 ng/ml



#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.005 min
Response: 93745099
Conc: 261.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.560 min
Delta R.T.: 0.004 min
Response: 663423438
Conc: 239.30 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:00
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:16:32 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	5827225	12005103	4.987	2.736	#
2)	SA Decachlor...	10.430	8.819	8646913	42976501	5.012	3.630	#
	Target Compounds							
41)	L9 AR-1268-1	8.882	7.697	7935249	41094520	50.214	35.147	#
42)	L9 AR-1268-2	8.978	7.760	7269391	37546193	49.781	32.702	#
43)	L9 AR-1268-3	9.218	7.970	6129676	31082139	50.491	34.851	#
44)	L9 AR-1268-4	9.644	8.254	3025660	11268179	50.725	34.201	#
45)	L9 AR-1268-5	10.075	8.554	17616065	88774571	49.215	32.022	#

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

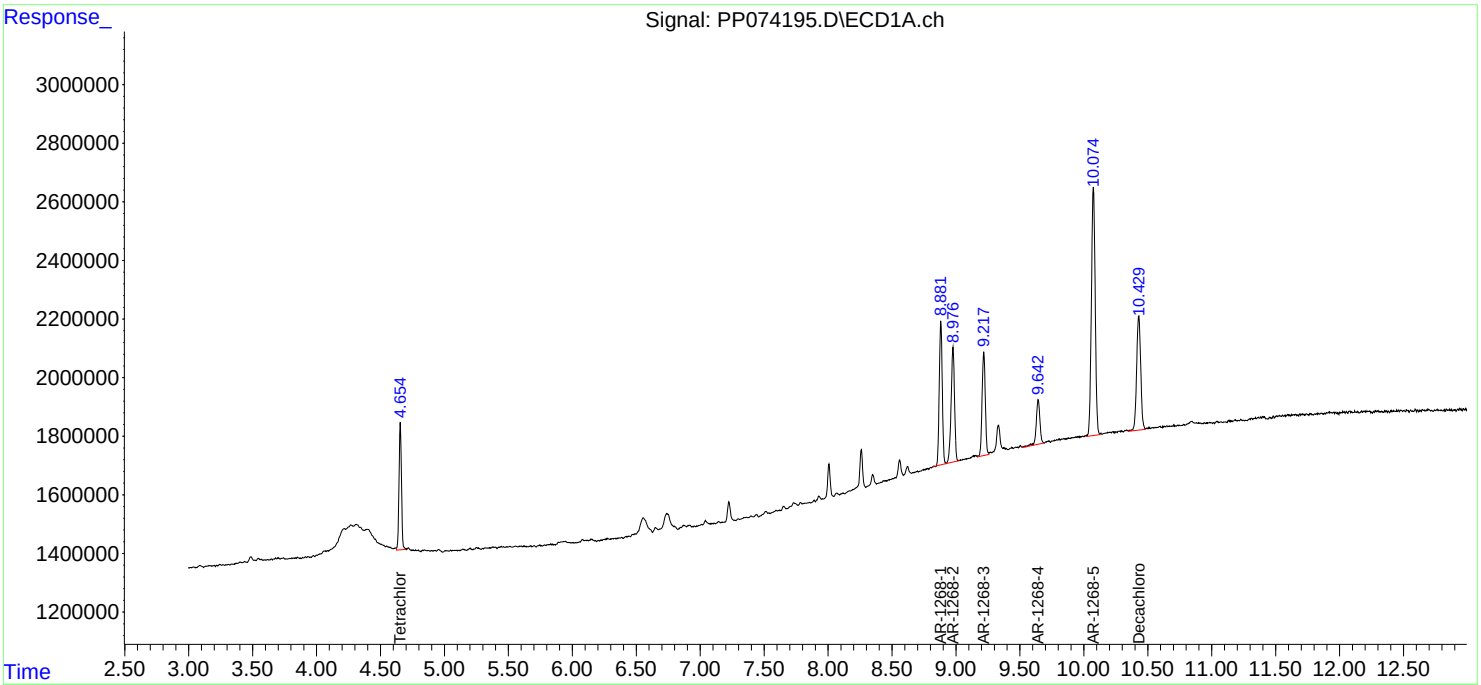
ICAL Form

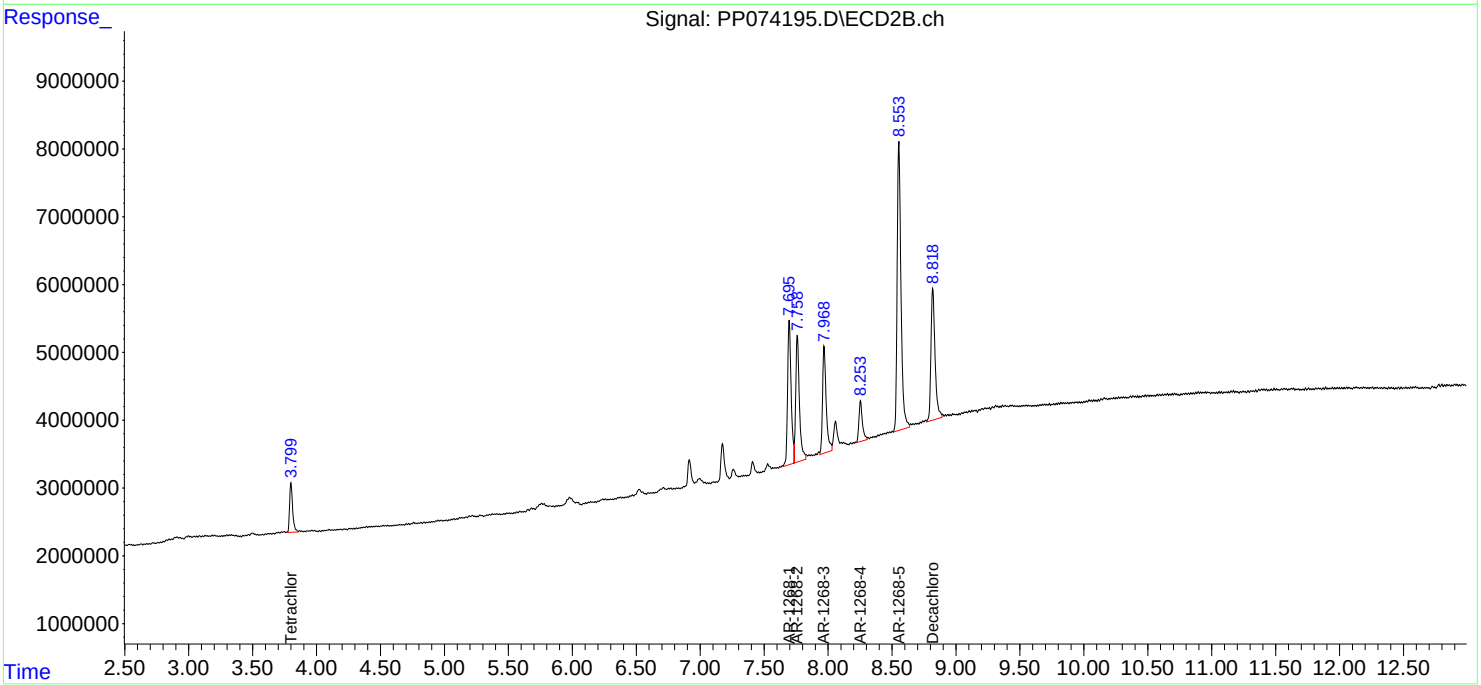
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:00
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

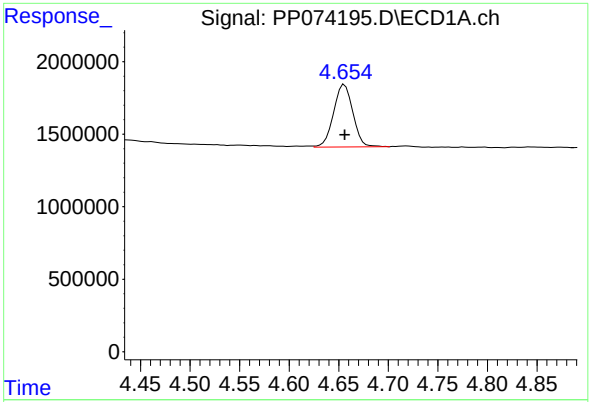
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:16:32 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



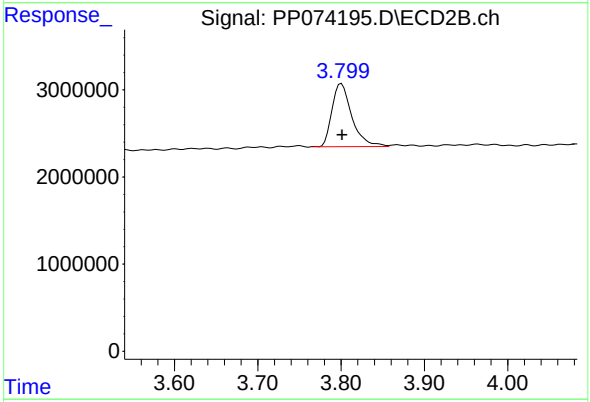




#1 Tetrachloro-m-xylene

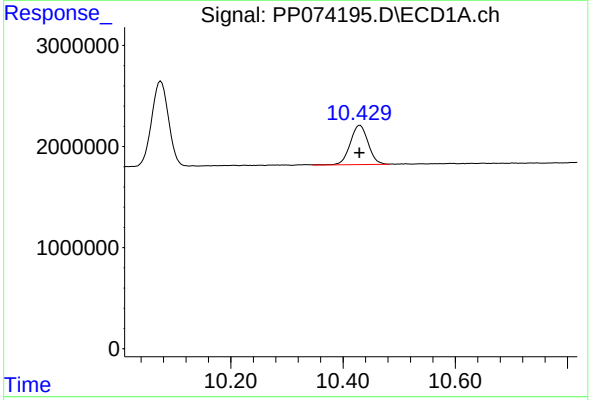
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 5827225
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



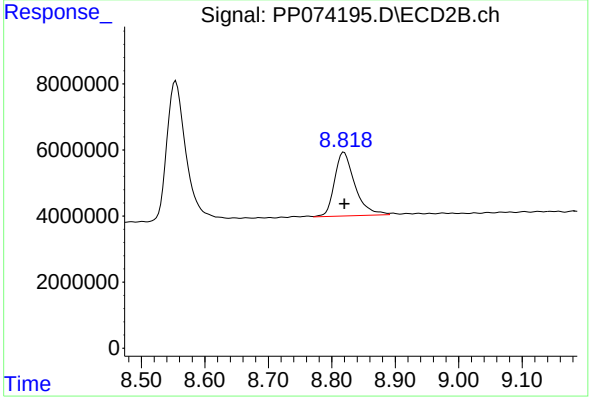
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 12005103
Conc: 2.74 ng/ml



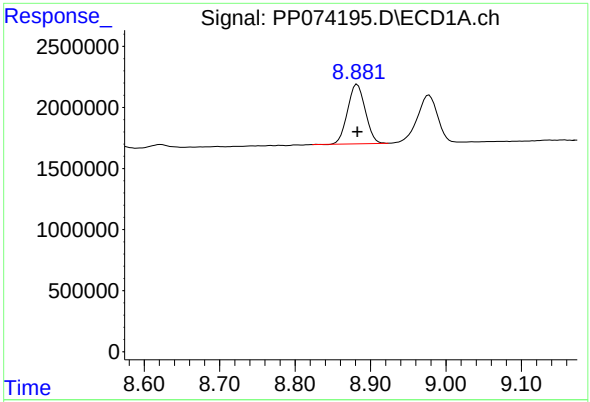
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.001 min
Response: 8646913
Conc: 5.01 ng/ml



#2 Decachlorobiphenyl

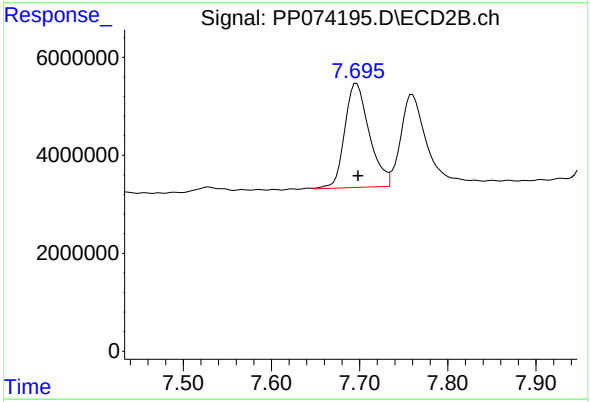
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 42976501
Conc: 3.63 ng/ml



#41 AR-1268-1

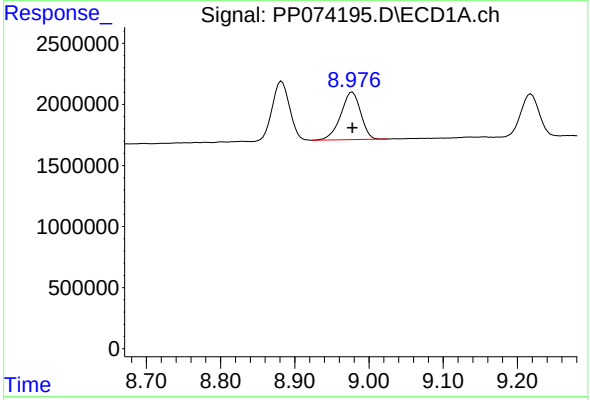
R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 7935249
Conc: 50.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



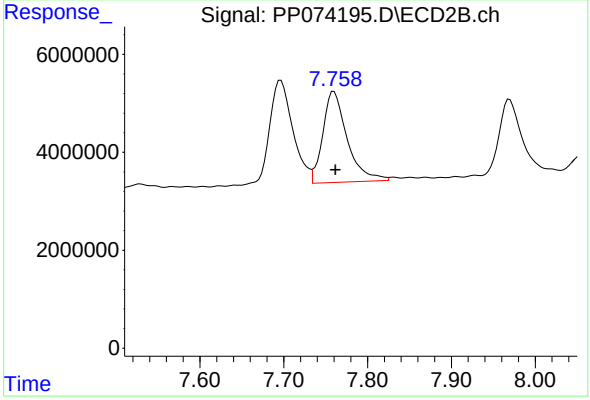
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 41094520
Conc: 35.15 ng/ml



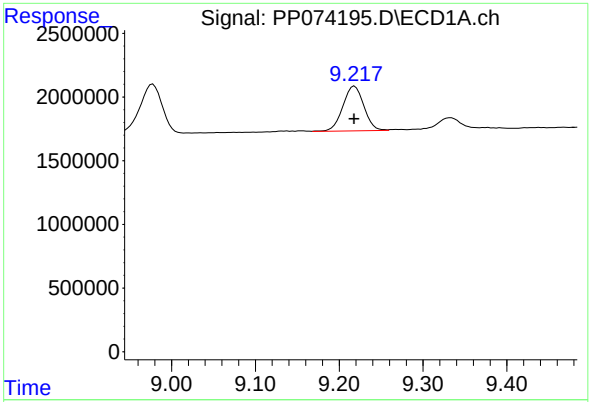
#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 7269391
Conc: 49.78 ng/ml



#42 AR-1268-2

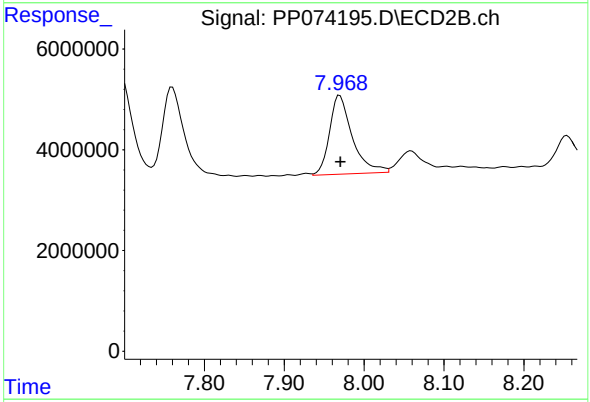
R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 37546193
Conc: 32.70 ng/ml



#43 AR-1268-3

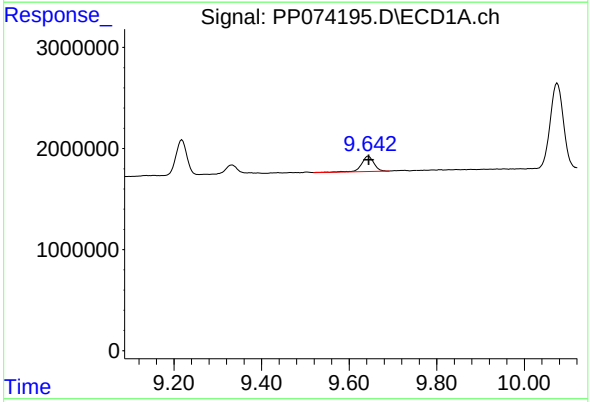
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 6129676
Conc: 50.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



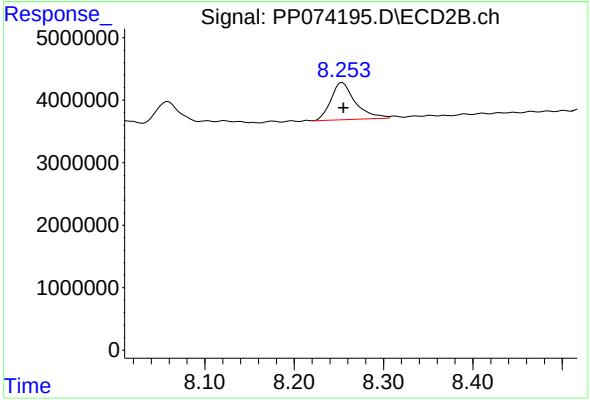
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 31082139
Conc: 34.85 ng/ml



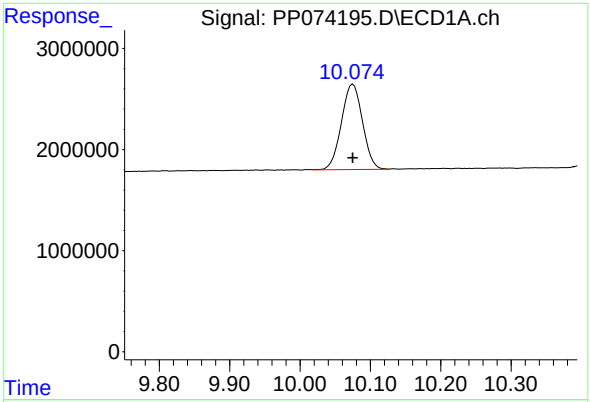
#44 AR-1268-4

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 3025660
Conc: 50.73 ng/ml



#44 AR-1268-4

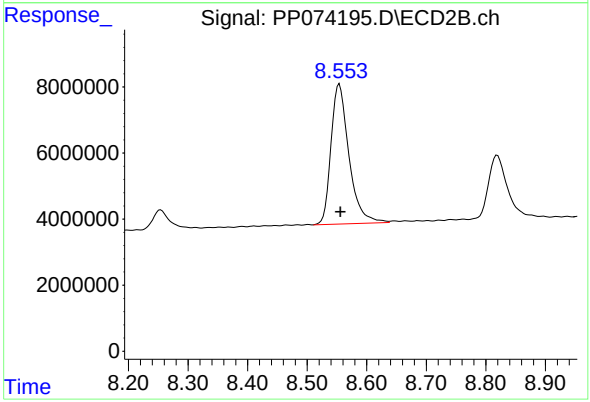
R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 11268179
Conc: 34.20 ng/ml



#45 AR-1268-5

R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 17616065
Conc: 49.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: -0.002 min
Response: 88774571
Conc: 32.02 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.

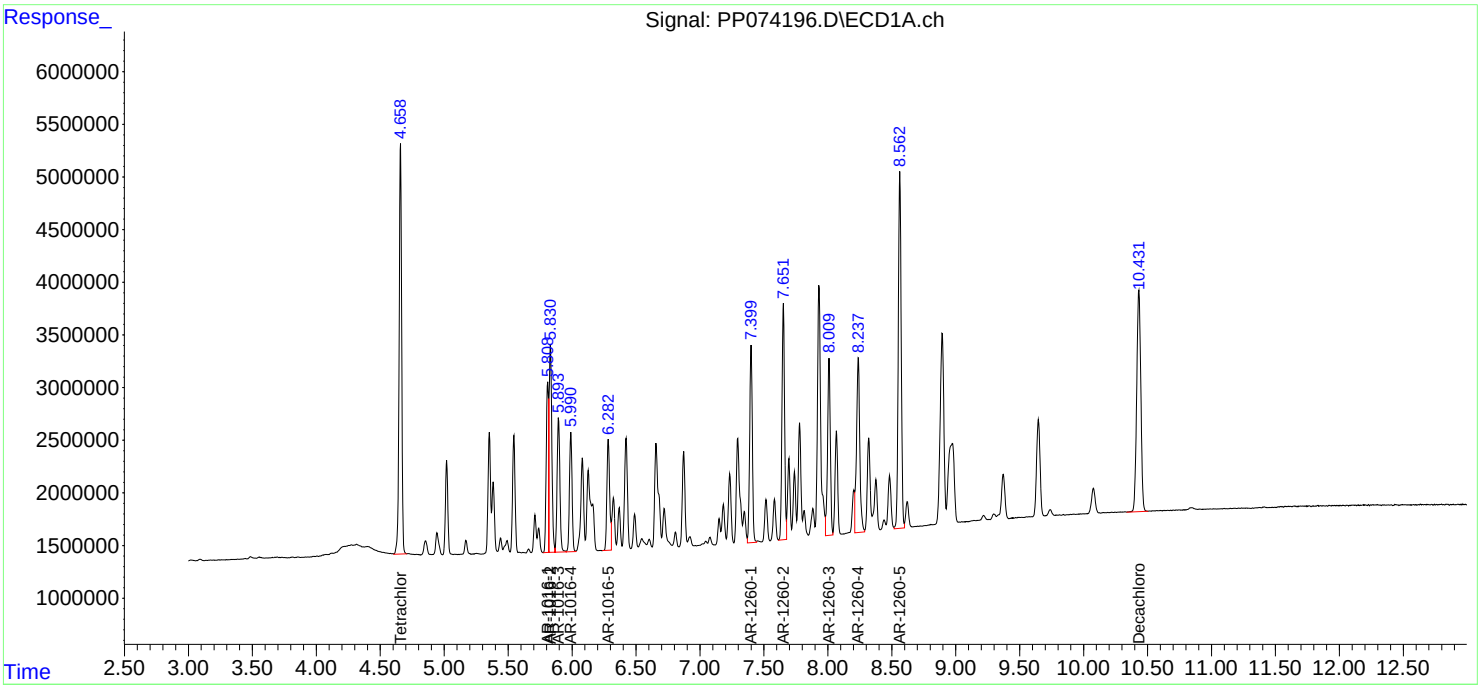
ICAL Form

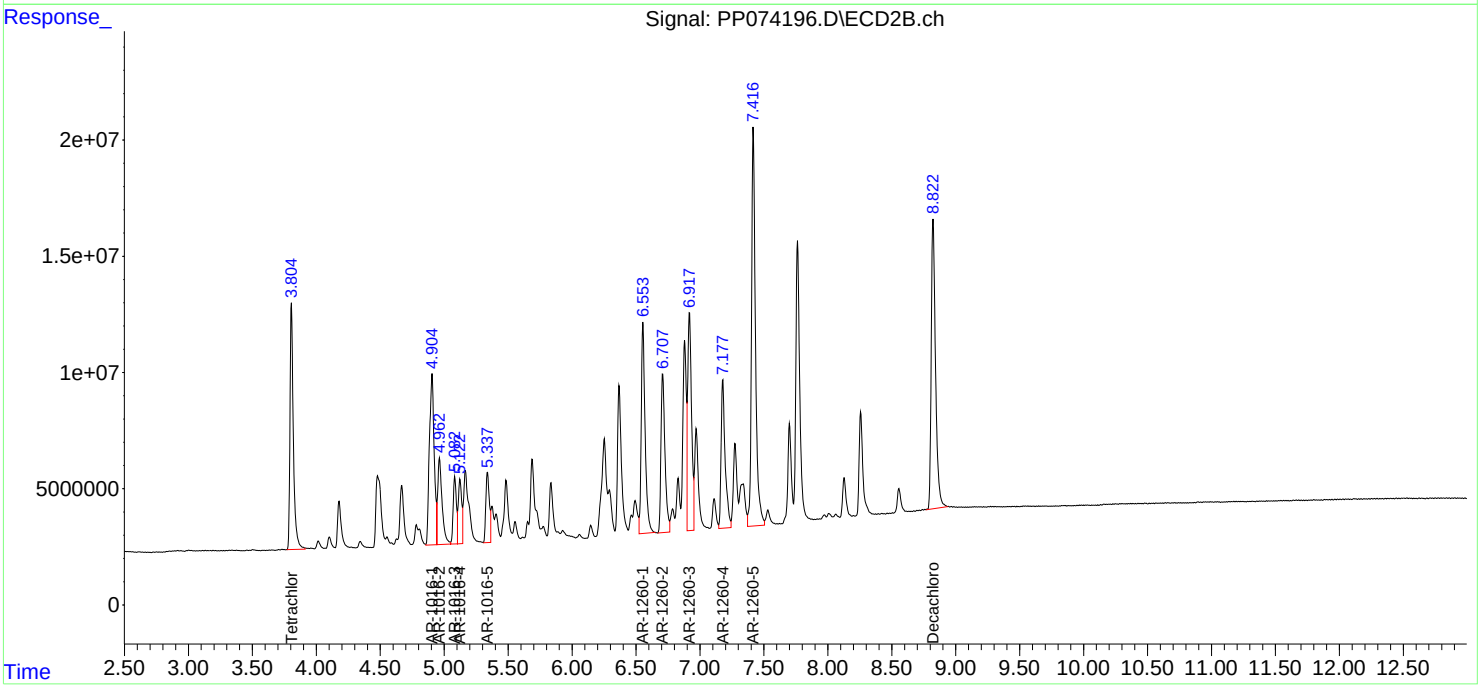
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP\AJ
Sample : PP080125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

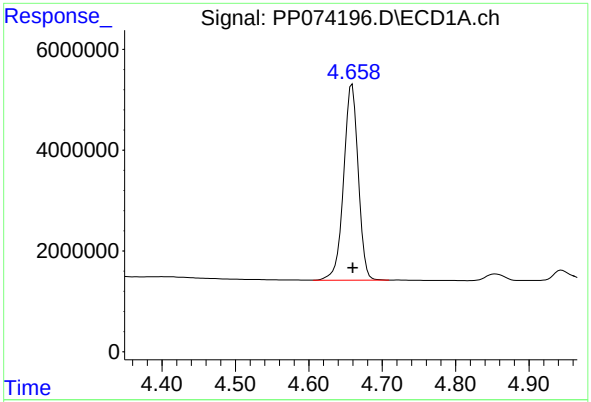
Instrument :
ECD_P
ClientSampleId :
ICVPP080125

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



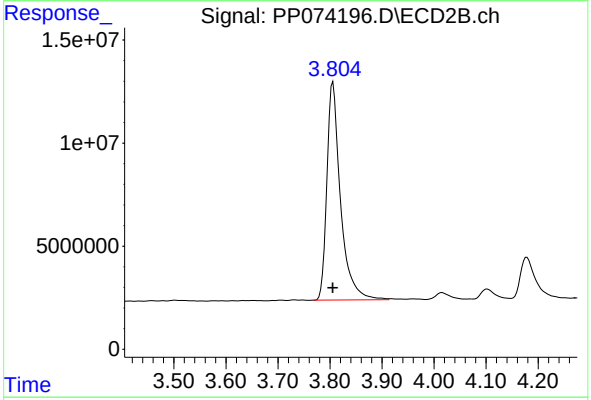




#1 Tetrachloro-m-xylene

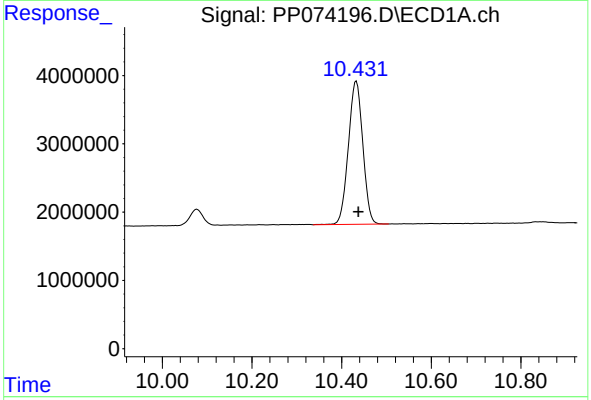
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 53809613
Conc: 48.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



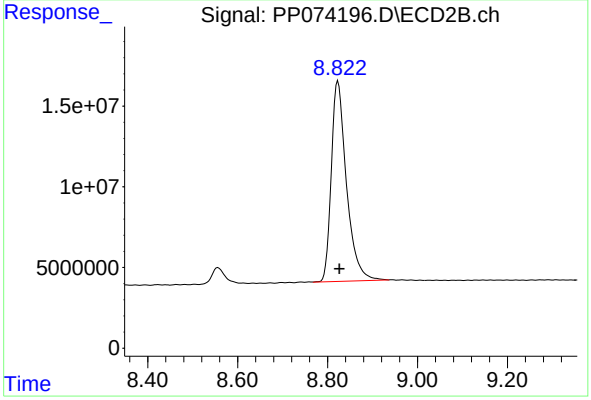
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 192460994
Conc: 50.19 ng/ml



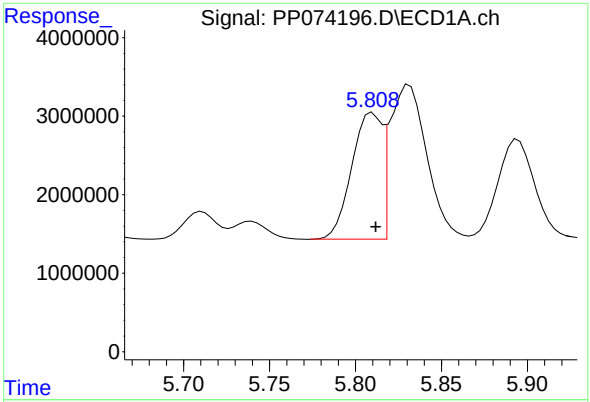
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.004 min
Response: 46918201
Conc: 48.31 ng/ml



#2 Decachlorobiphenyl

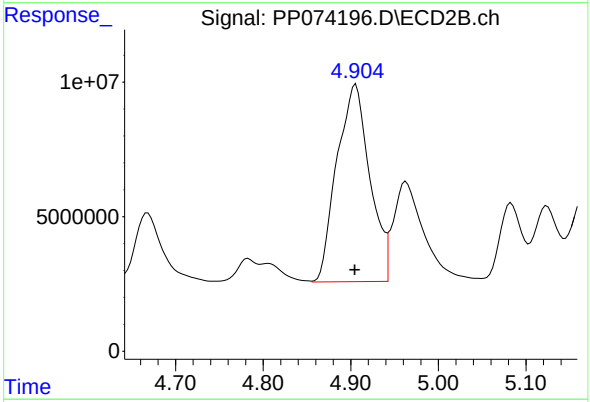
R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 290236674
Conc: 48.26 ng/ml



#3 AR-1016-1

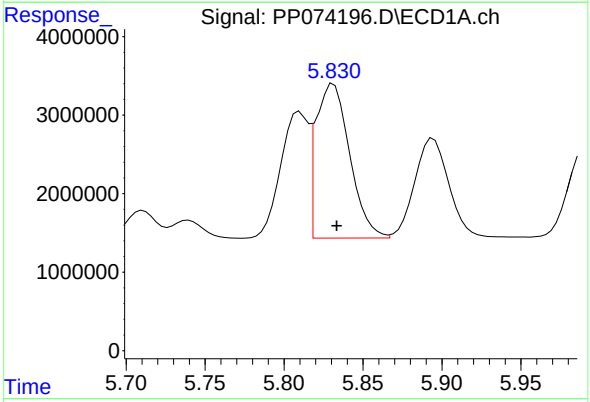
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 19711119
Conc: 477.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



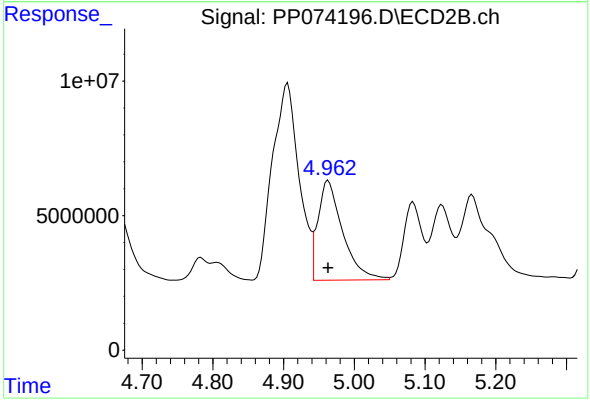
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.001 min
Response: 191326645
Conc: 479.65 ng/ml



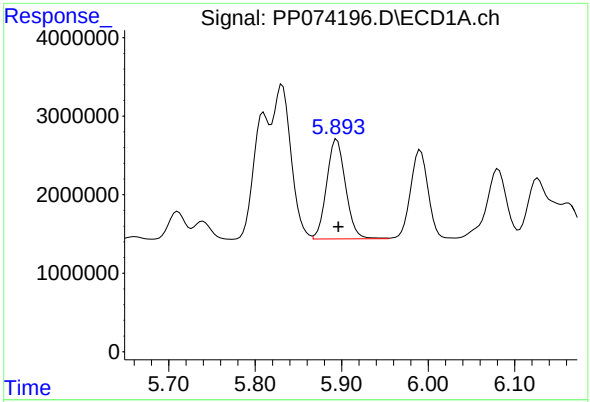
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 29290082
Conc: 482.21 ng/ml



#4 AR-1016-2

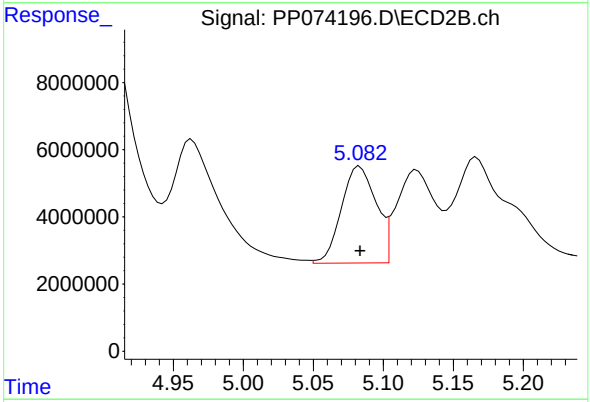
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 90085682
Conc: 479.67 ng/ml



#5 AR-1016-3

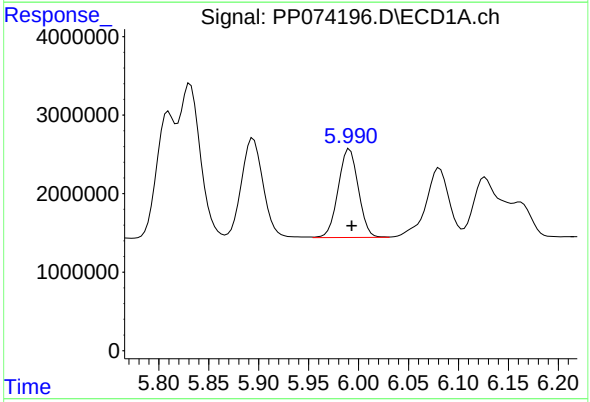
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 19171615
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



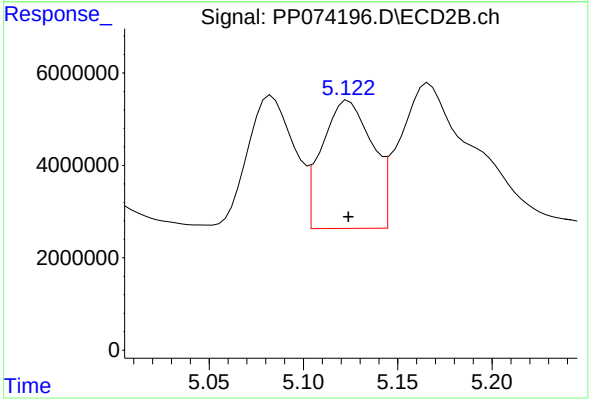
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 49893167
Conc: 470.38 ng/ml



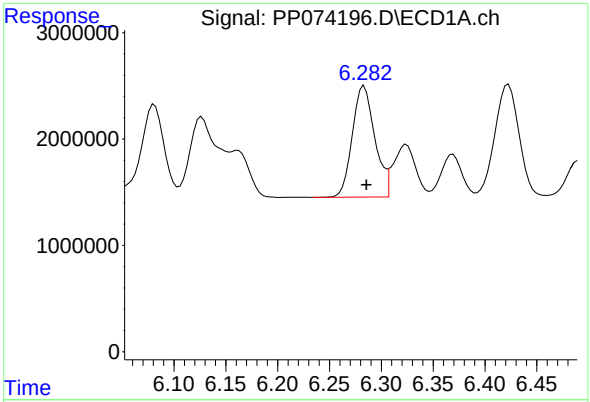
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 15834175
Conc: 486.54 ng/ml



#6 AR-1016-4

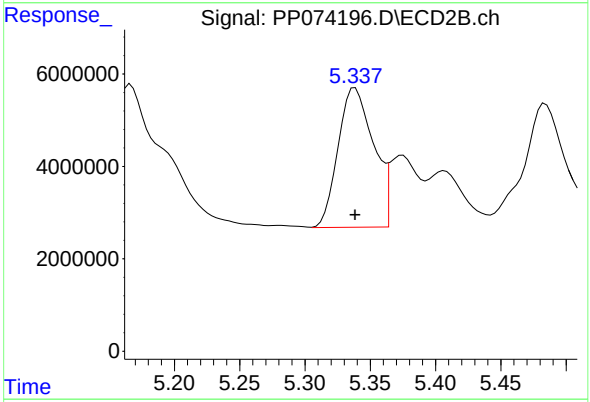
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 51335124
Conc: 470.02 ng/ml



#7 AR-1016-5

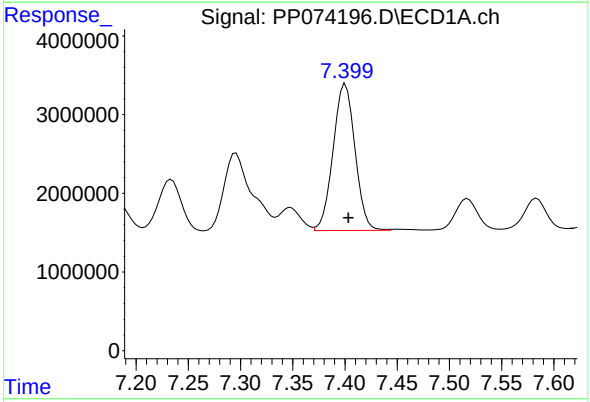
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 15788703
Conc: 486.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



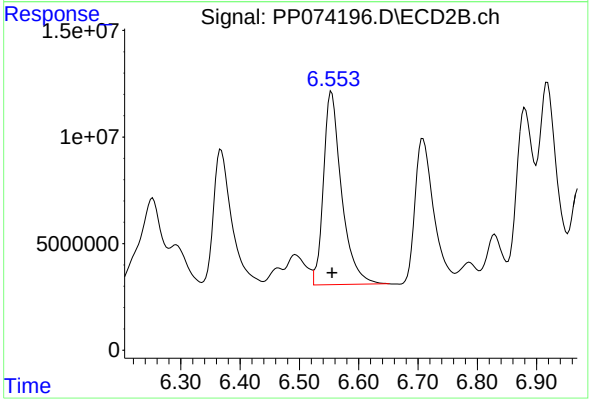
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 57011251
Conc: 487.43 ng/ml



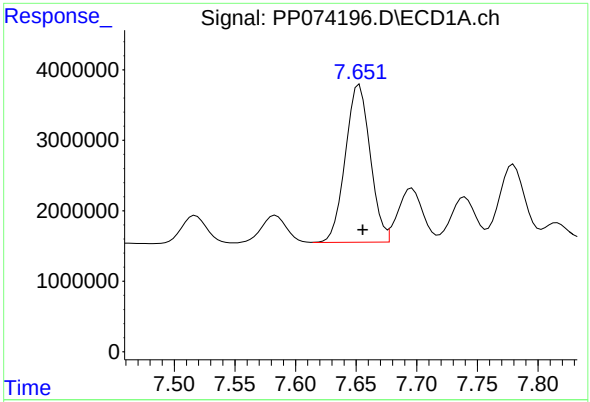
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 27159073
Conc: 481.92 ng/ml



#31 AR-1260-1

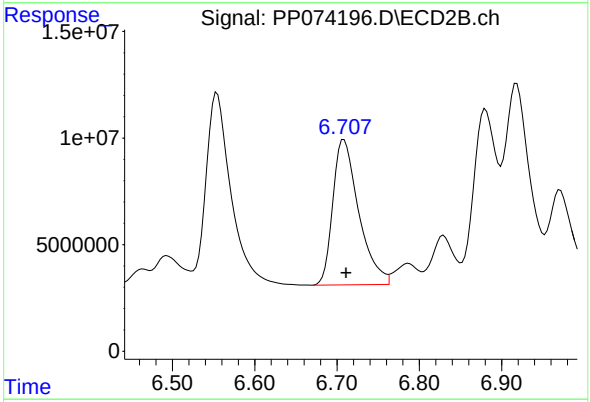
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 192539458
Conc: 476.63 ng/ml



#32 AR-1260-2

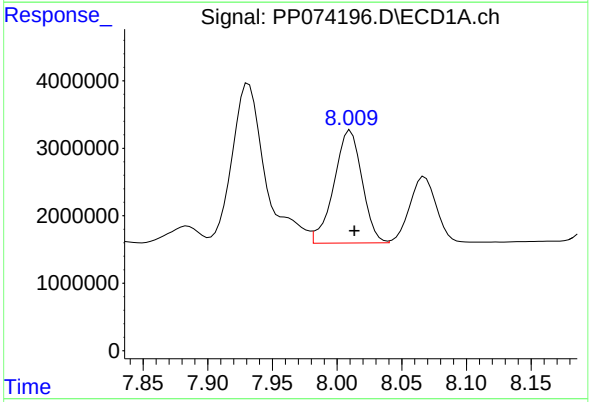
R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 31876376
Conc: 467.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



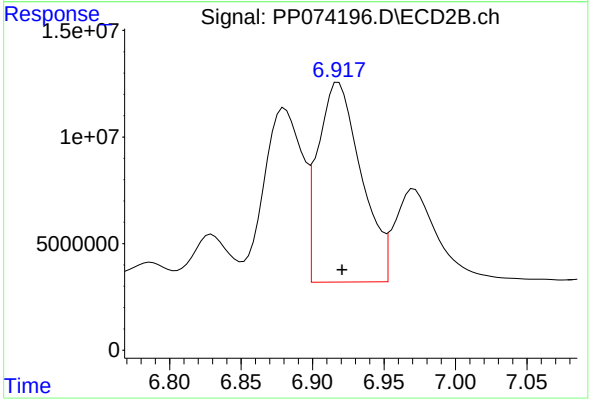
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 149358620
Conc: 477.64 ng/ml



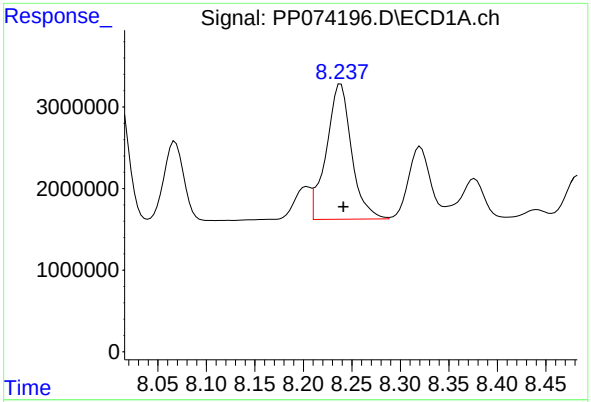
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 25282960
Conc: 474.39 ng/ml



#33 AR-1260-3

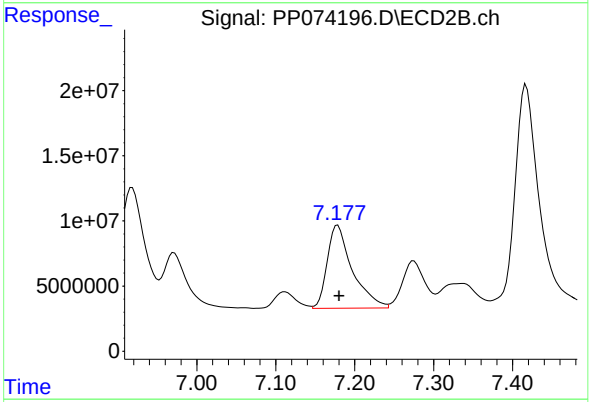
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 196859105
Conc: 499.49 ng/ml



#34 AR-1260-4

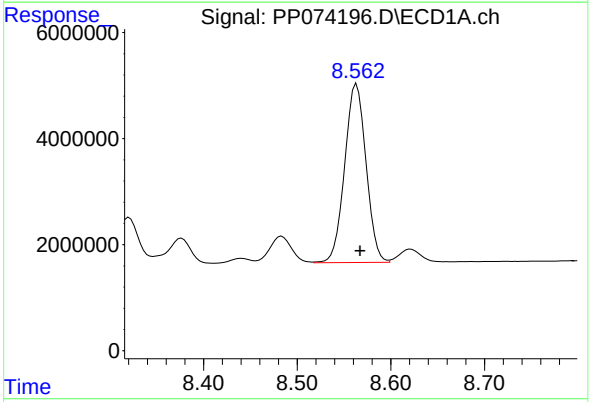
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 29964985
Conc: 478.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



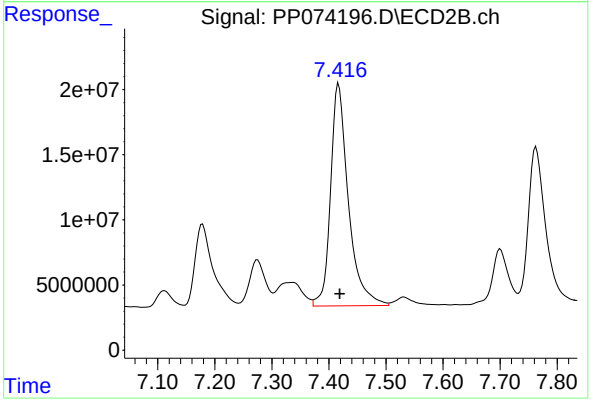
#34 AR-1260-4

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 08/05/2025

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

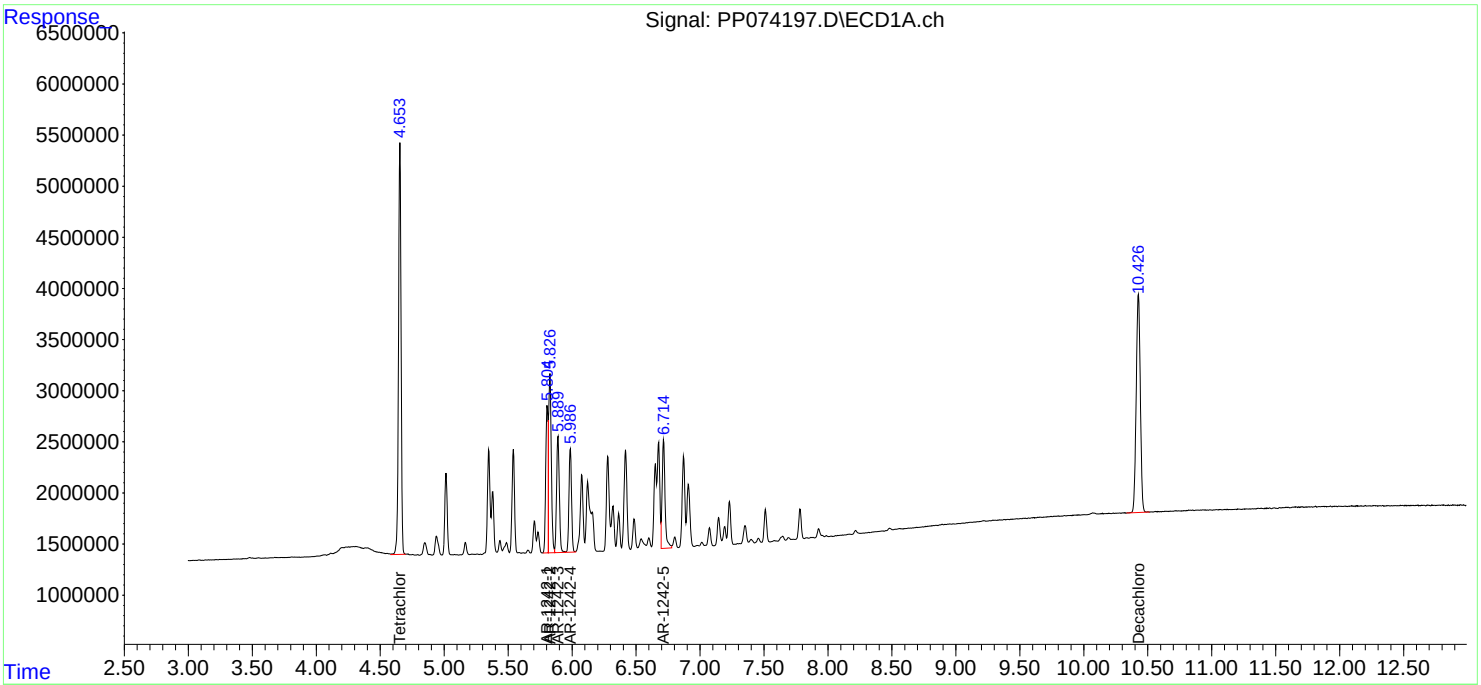
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

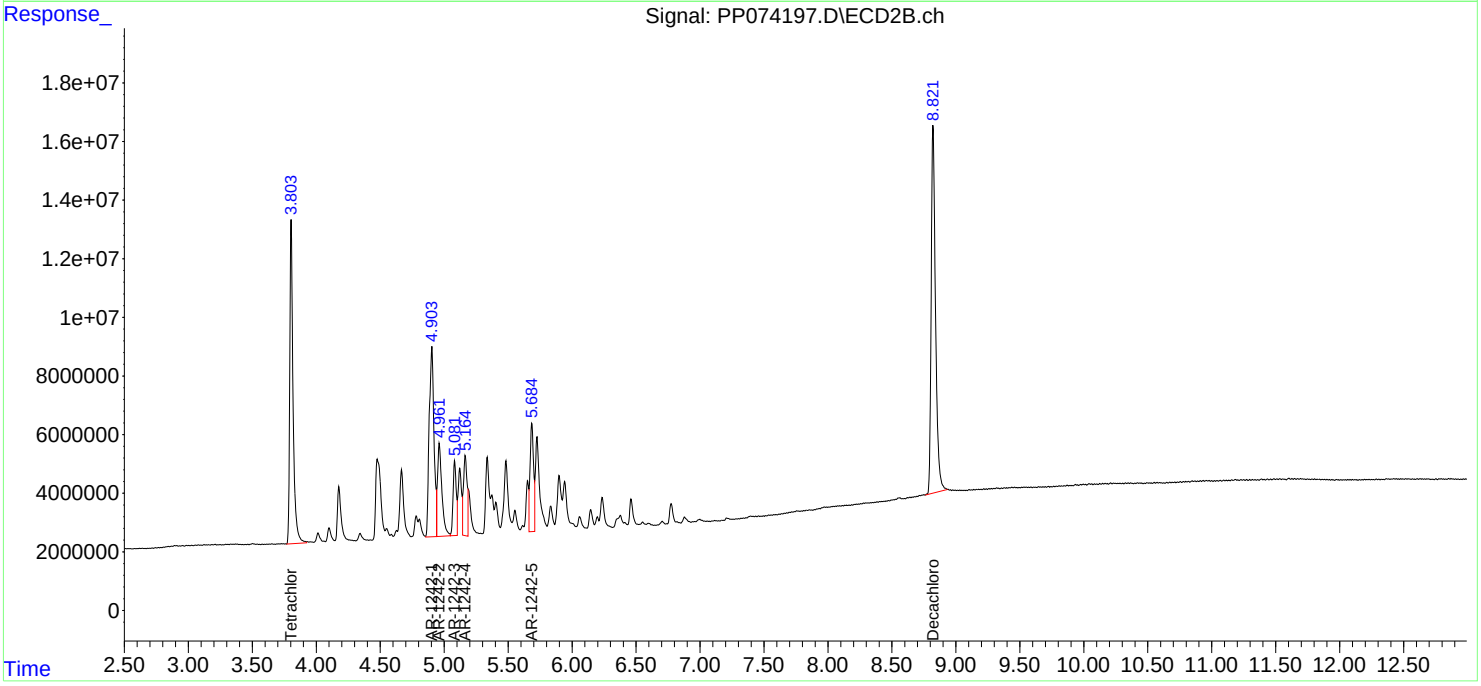
Manual Integrations APPROVED

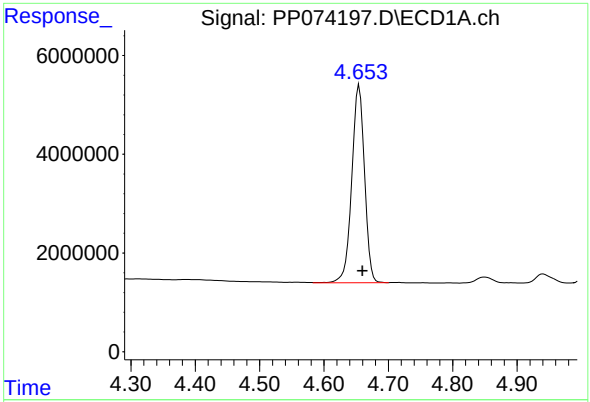
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







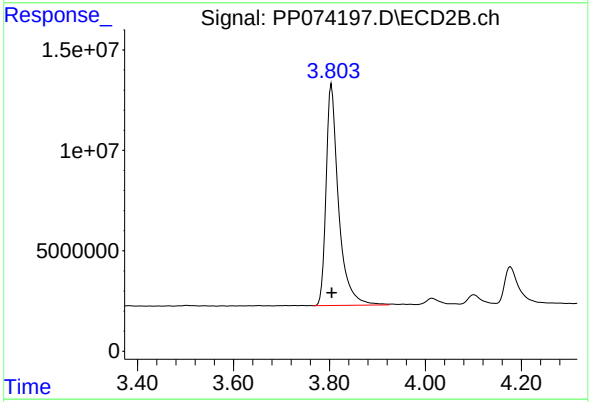
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

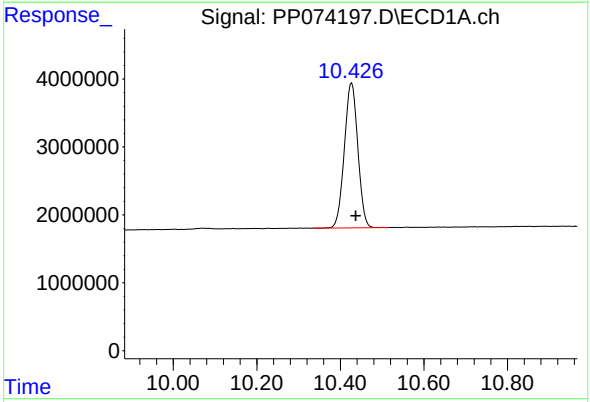
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



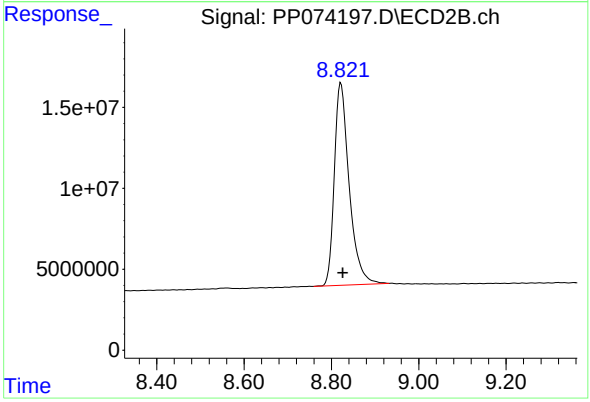
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



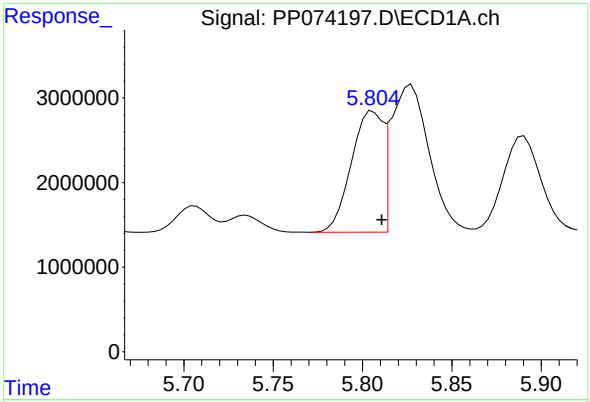
#2 Decachlorobiphenyl

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



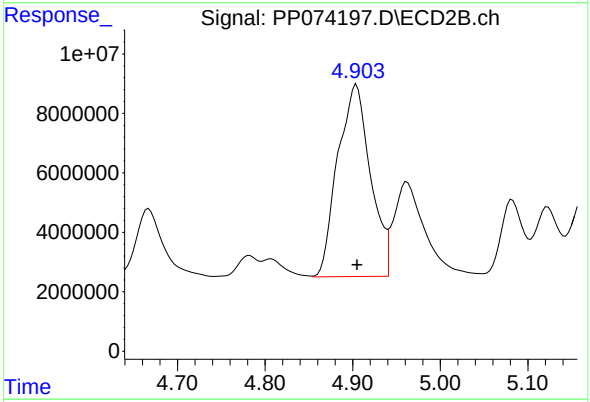
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

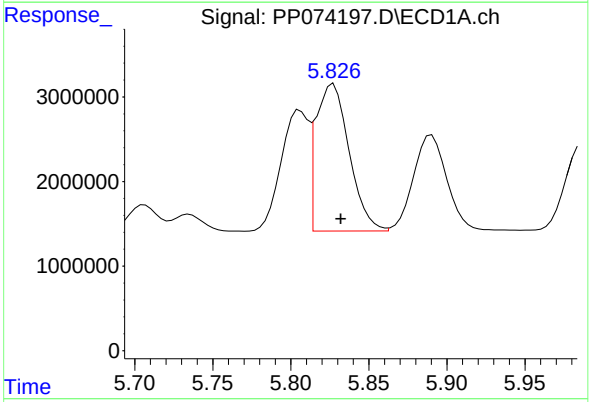
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



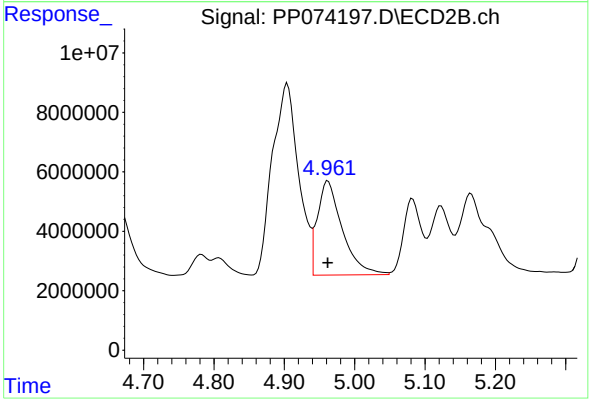
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



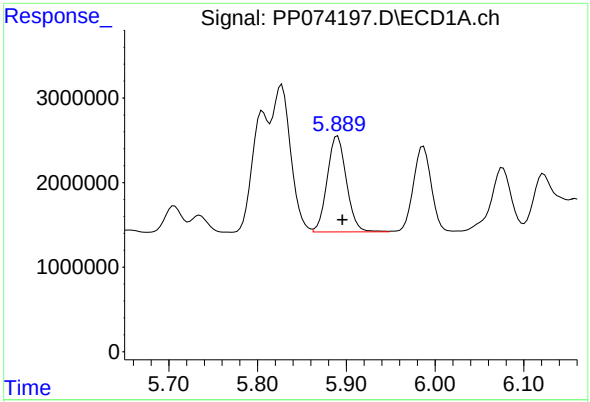
#17 AR-1242-2

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



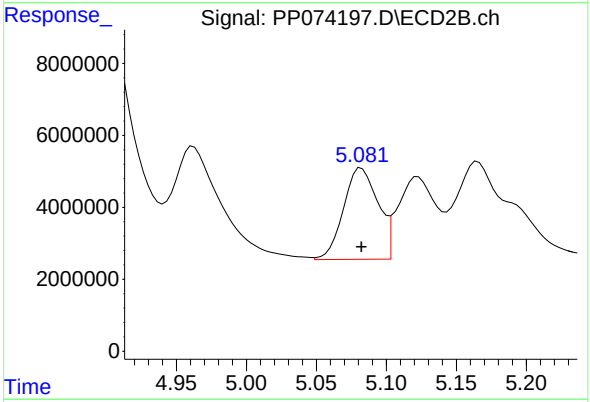
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

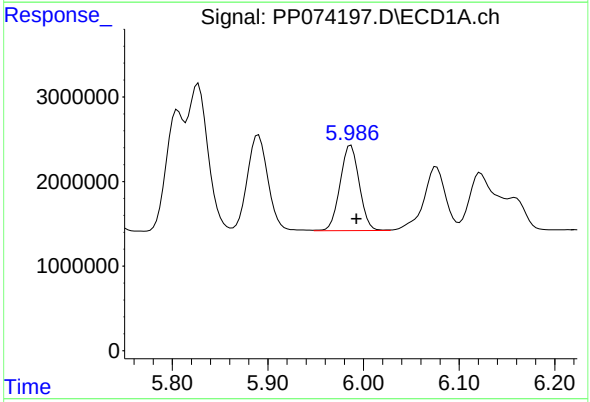
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



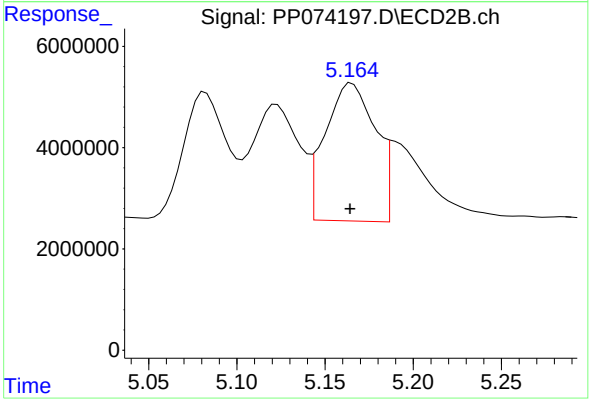
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



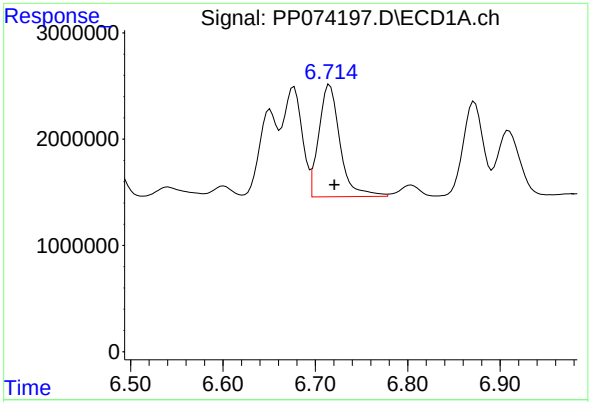
#19 AR-1242-4

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



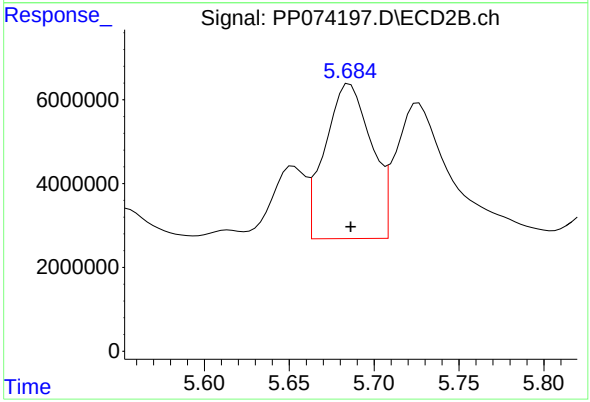
#20 AR-1242-5

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 08/05/2025



#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 : PP074198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:37
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:51 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	3.805	53554793	191.1E6	47.889	49.847
2)	SA Decachlor...	10.428	8.824	47537298	295.3E6	48.949	49.101
	Target Compounds						
21)	L5 AR-1248-1	5.806	4.904	13951339	107.6E6	498.004	503.095
22)	L5 AR-1248-2	6.077	5.124	19721117	71900356	489.831	491.416
23)	L5 AR-1248-3	6.280	5.165	21866877	85869463	490.580	500.813m
24)	L5 AR-1248-4	6.677	5.338	24961771	82403417	479.691	495.291
25)	L5 AR-1248-5	6.717	5.728	25702187	138.2E6	451.365	474.938

(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 : PP074198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:37
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

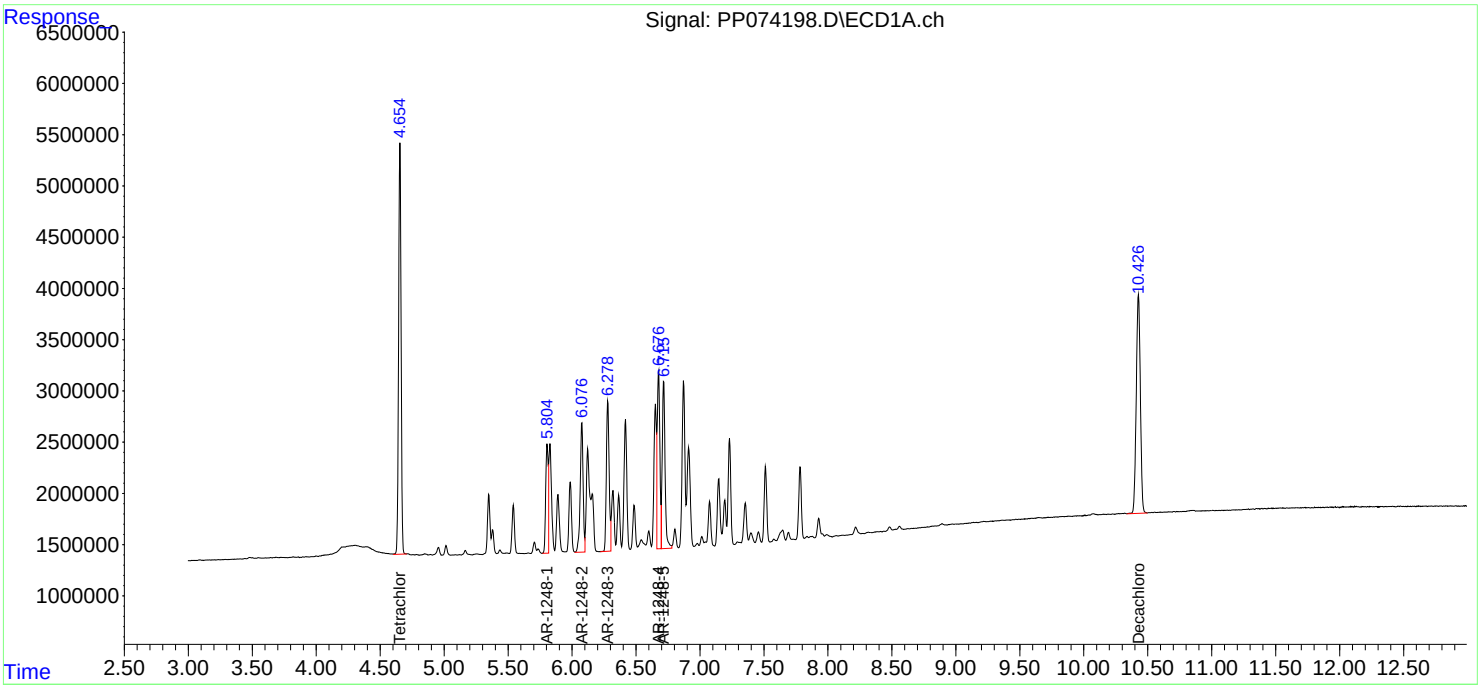
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

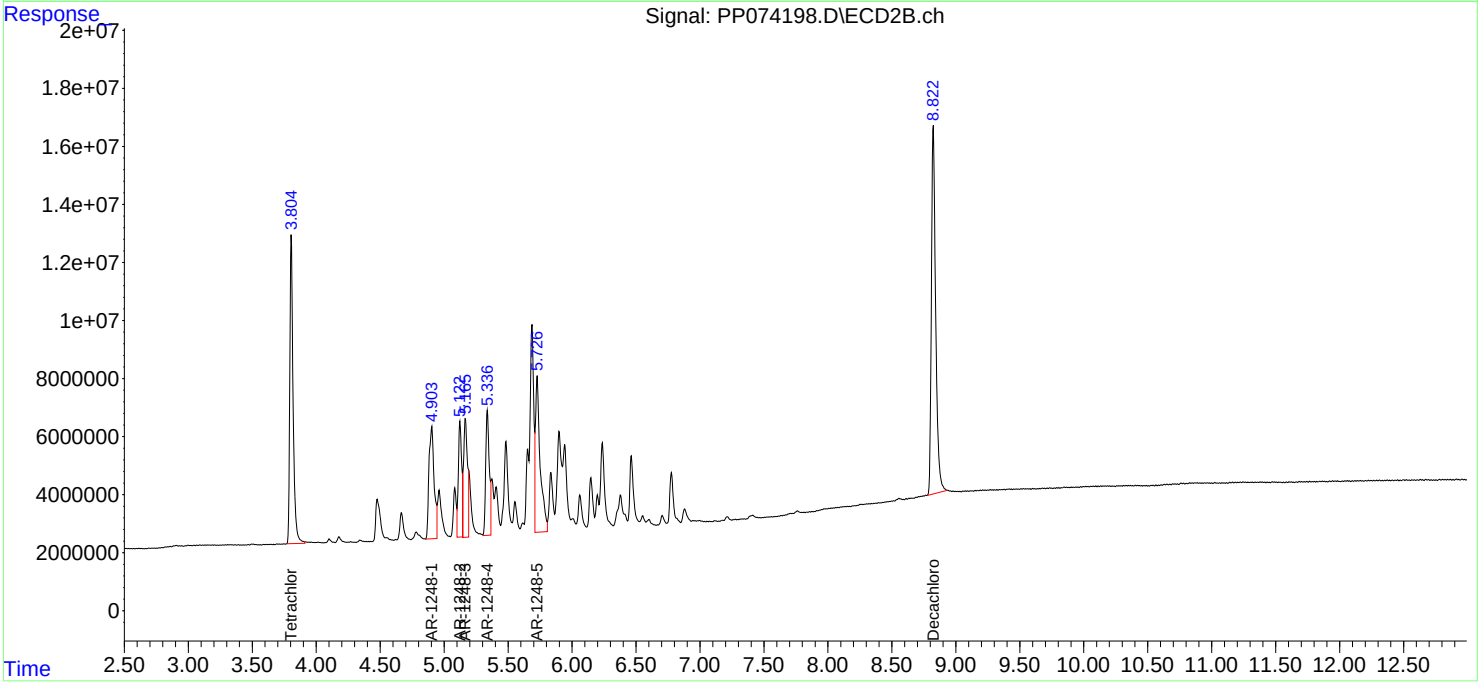
Manual Integrations APPROVED

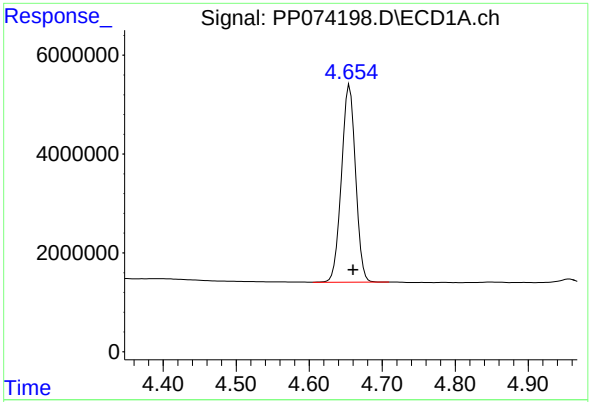
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:51 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







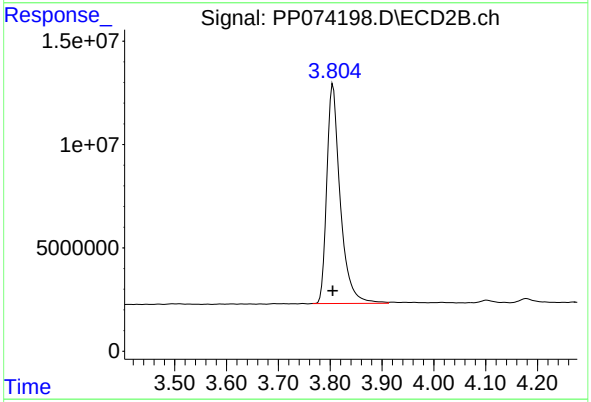
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 53554793
Conc: 47.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

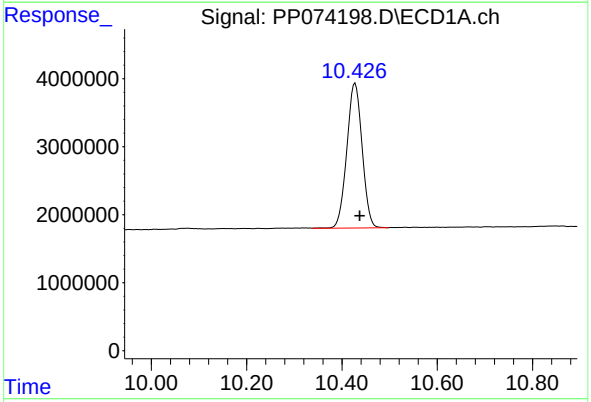
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



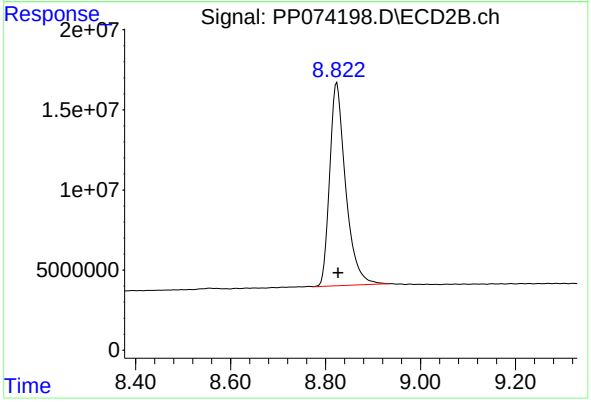
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 191135288
Conc: 49.85 ng/ml



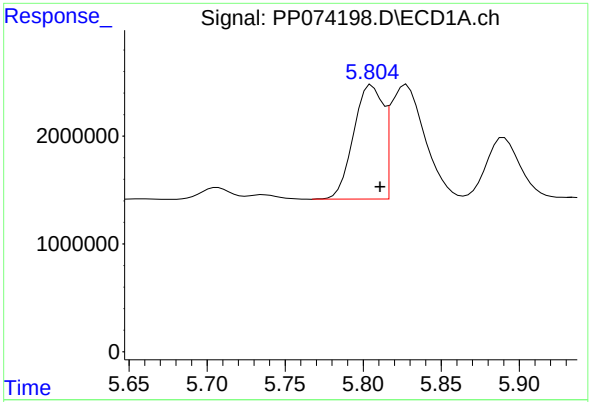
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.009 min
Response: 47537298
Conc: 48.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 295276609
Conc: 49.10 ng/ml



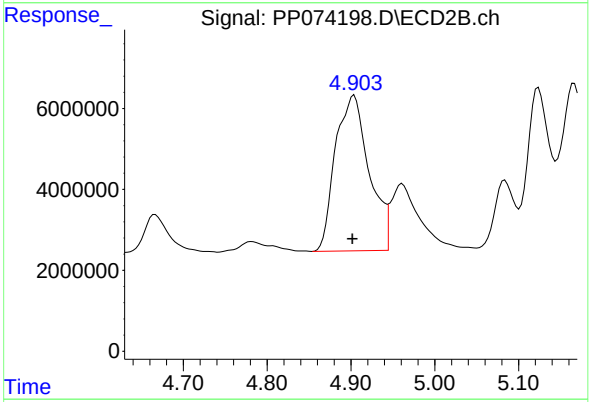
#21 AR-1248-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 13951339
Conc: 498.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

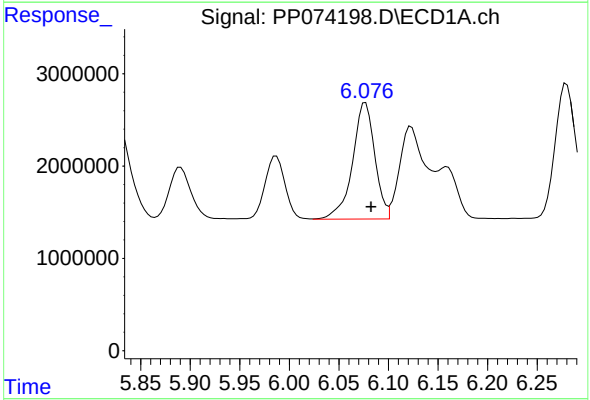
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



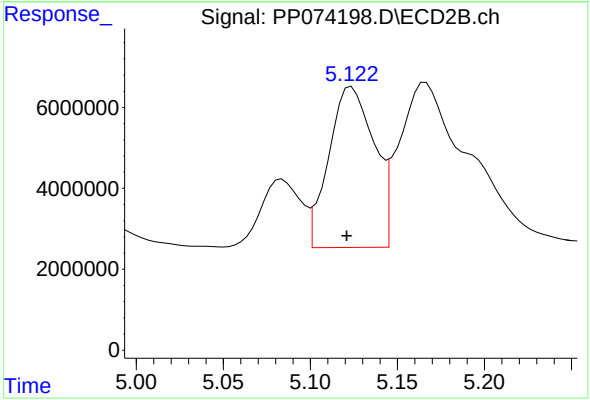
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 107627908
Conc: 503.09 ng/ml



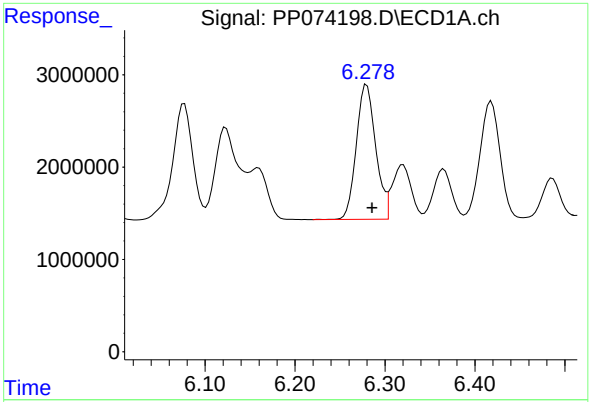
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 19721117
Conc: 489.83 ng/ml



#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: 0.003 min
Response: 71900356
Conc: 491.42 ng/ml



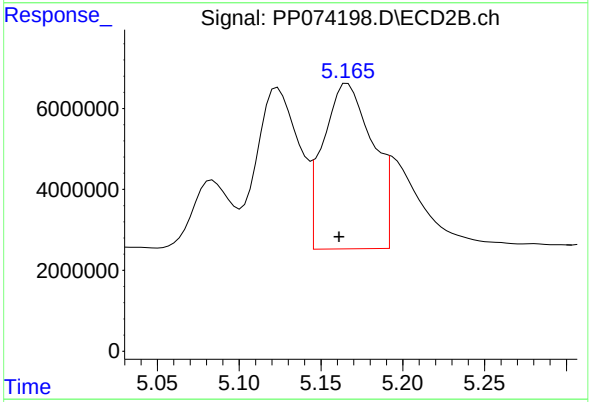
#23 AR-1248-3

R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 21866877
Conc: 490.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

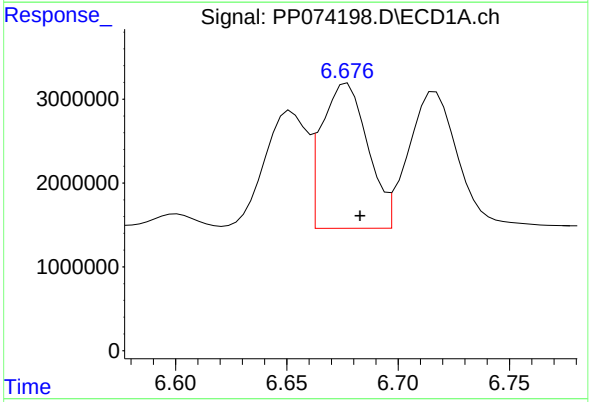
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



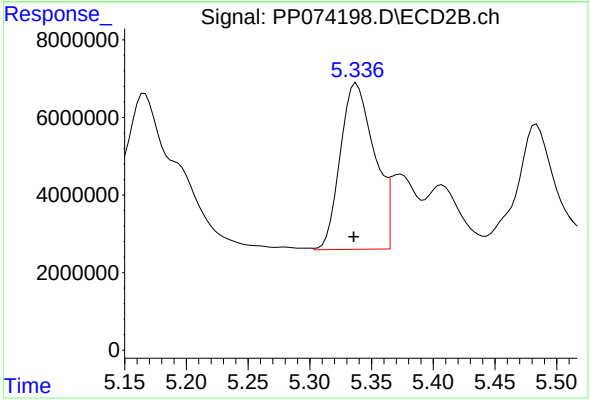
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 85869463
Conc: 500.81 ng/ml m



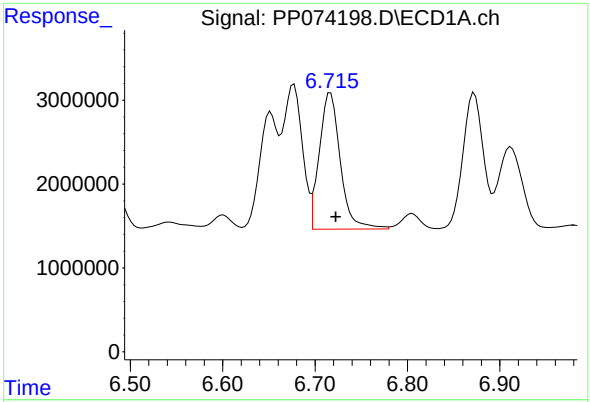
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 24961771
Conc: 479.69 ng/ml



#24 AR-1248-4

R.T.: 5.338 min
Delta R.T.: 0.002 min
Response: 82403417
Conc: 495.29 ng/ml



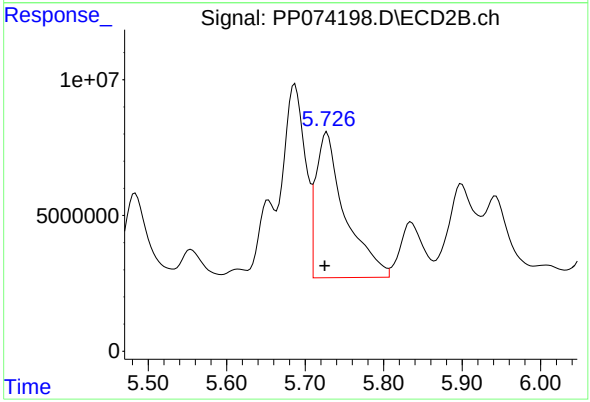
#25 AR-1248-5

R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 25702187
Conc: 451.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: 0.003 min
Response: 138190942
Conc: 474.94 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 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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	31007482	178.5E6	589.036m	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

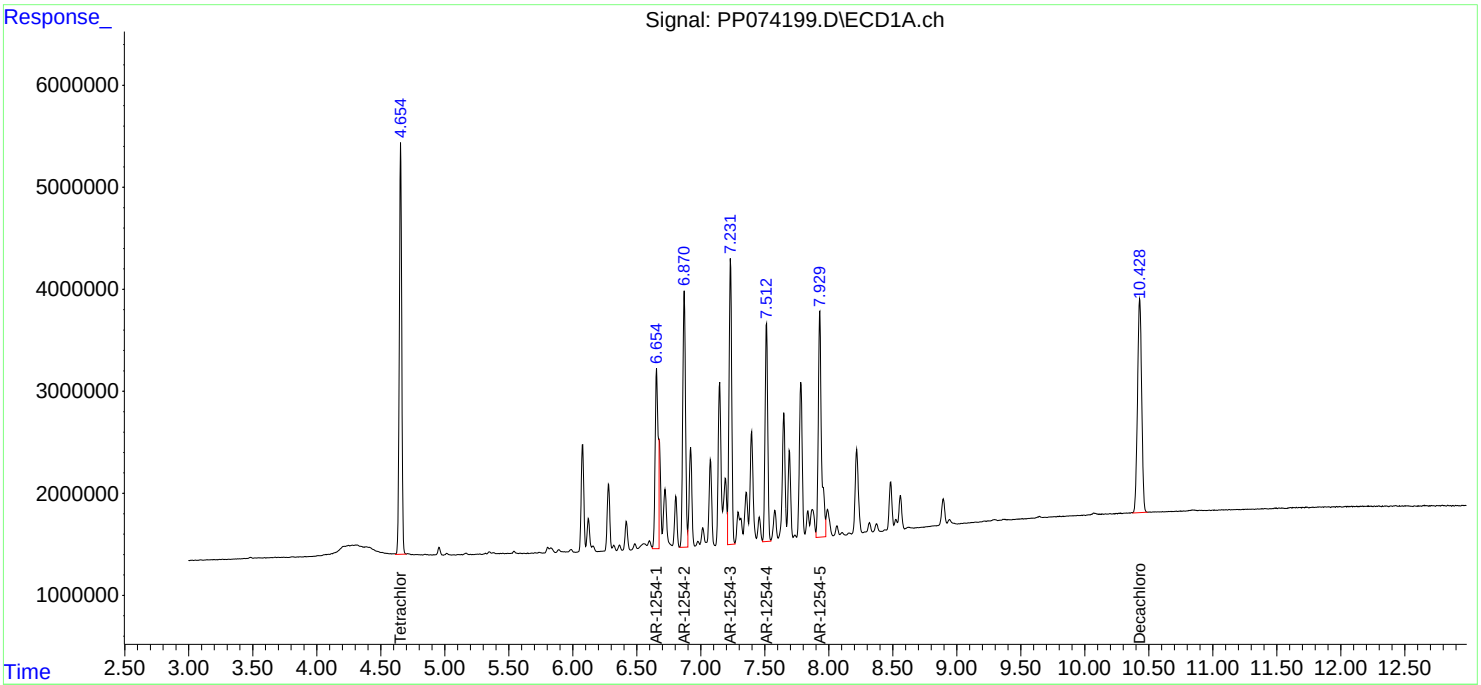
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

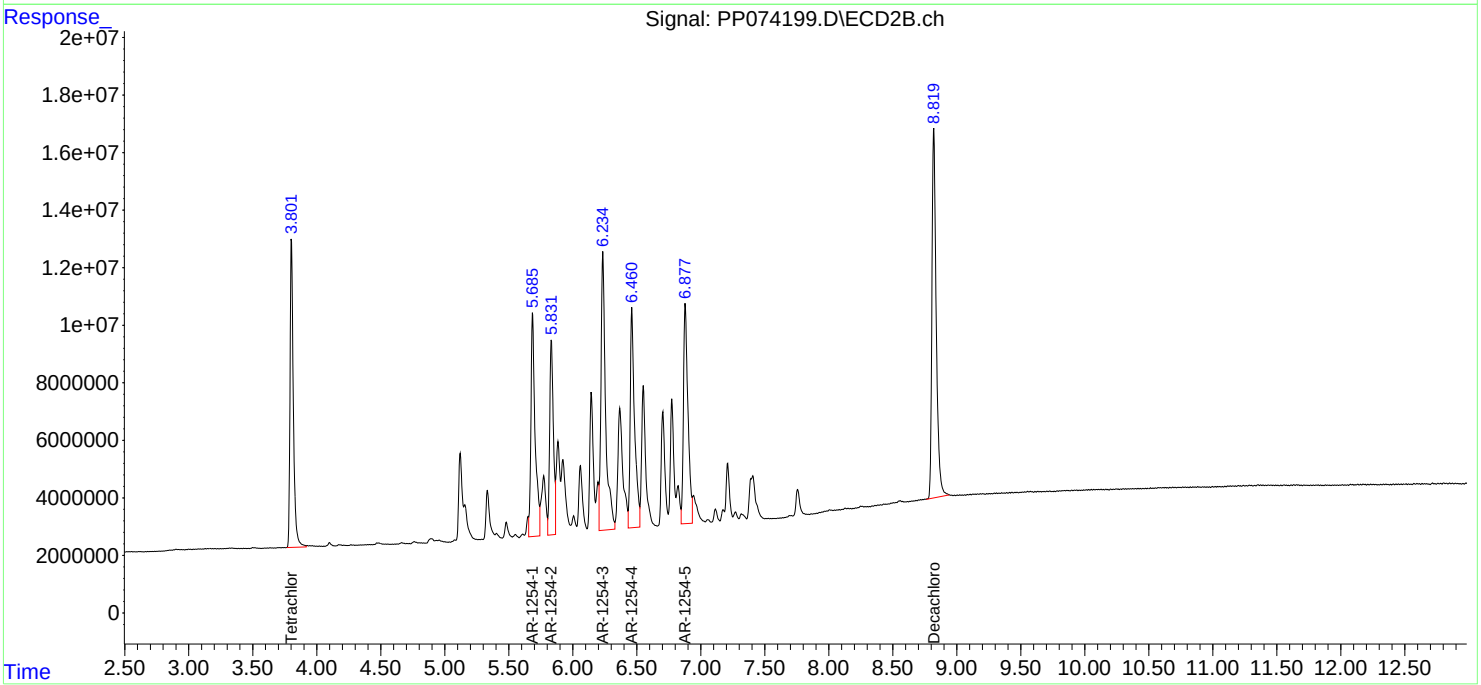
Manual Integrations APPROVED

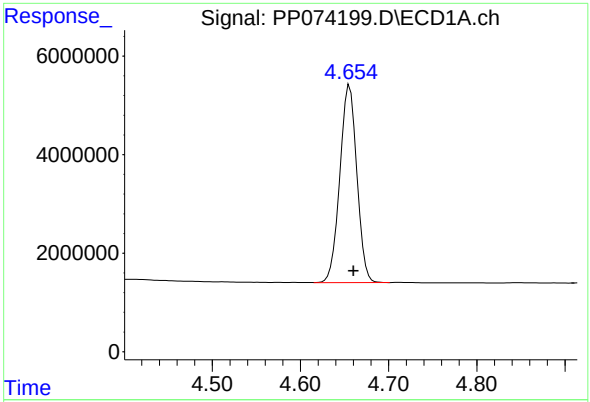
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

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







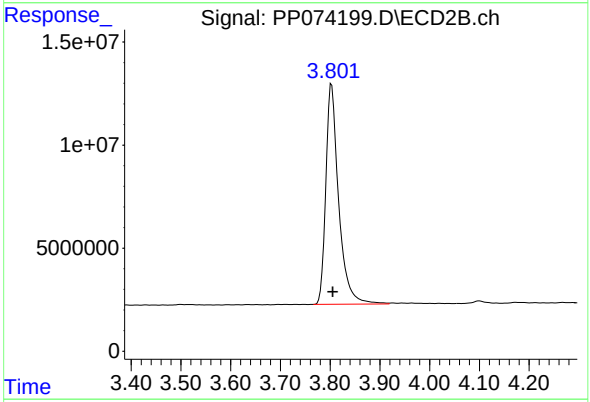
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

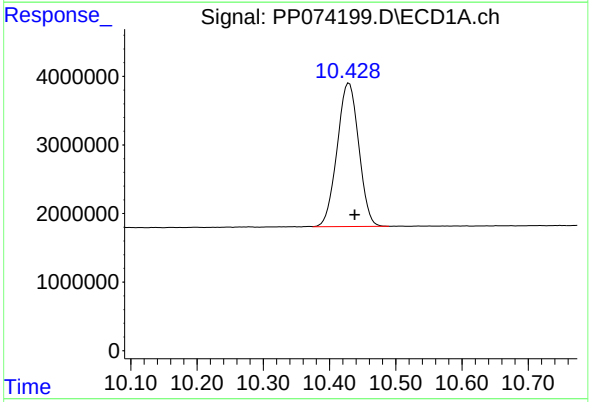
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



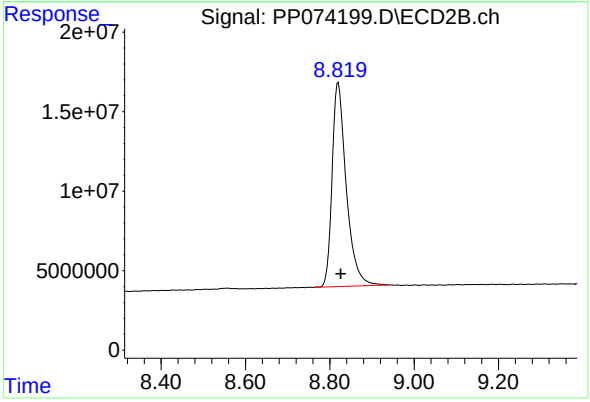
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 191609515
Conc: 49.97 ng/ml



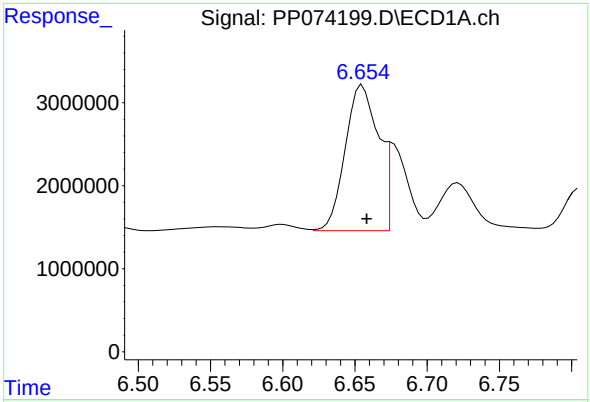
#2 Decachlorobiphenyl

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



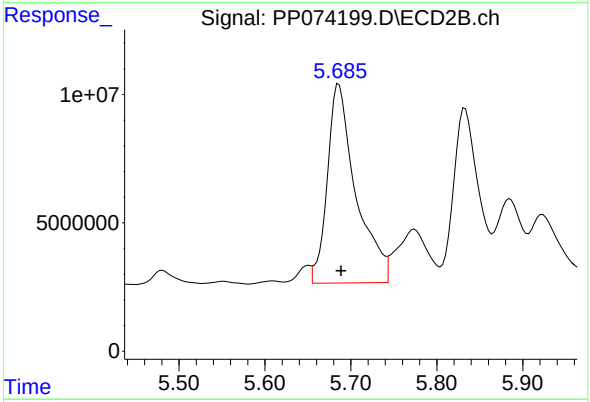
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 31007482
Conc: 589.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

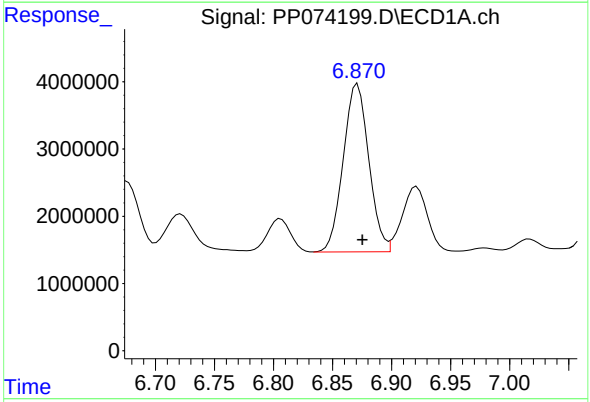
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



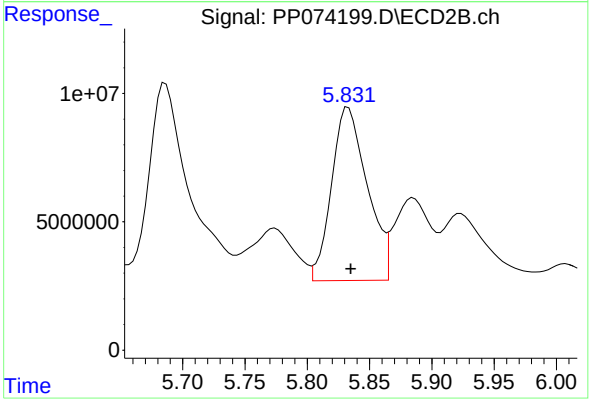
#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



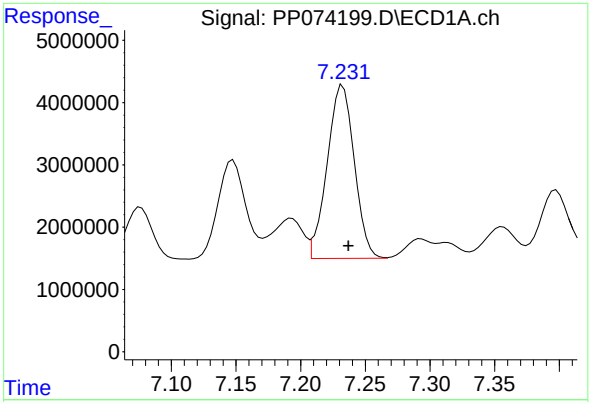
#27 AR-1254-2

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



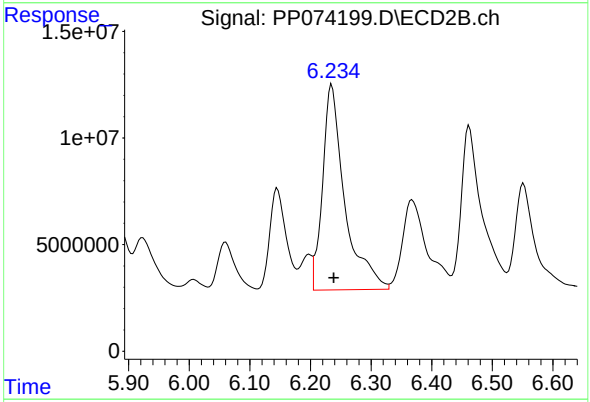
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

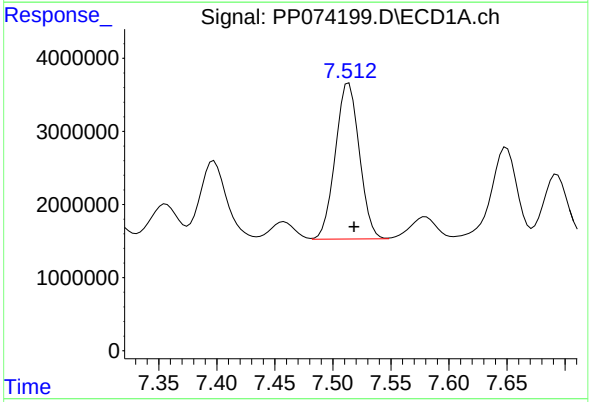
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



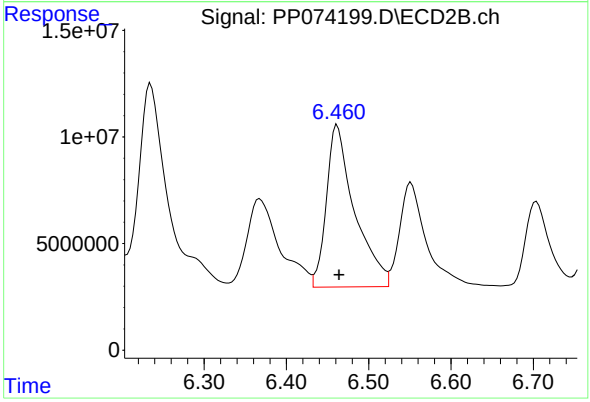
#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



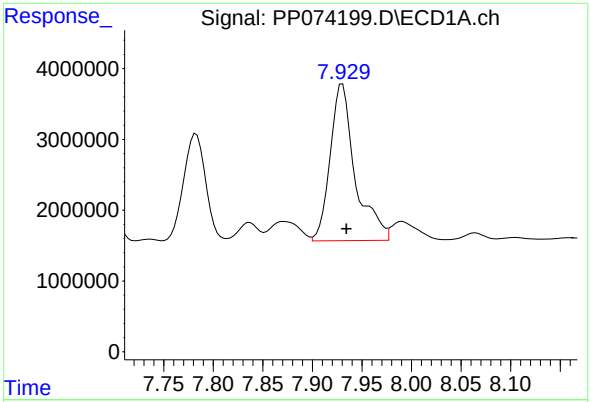
#29 AR-1254-4

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



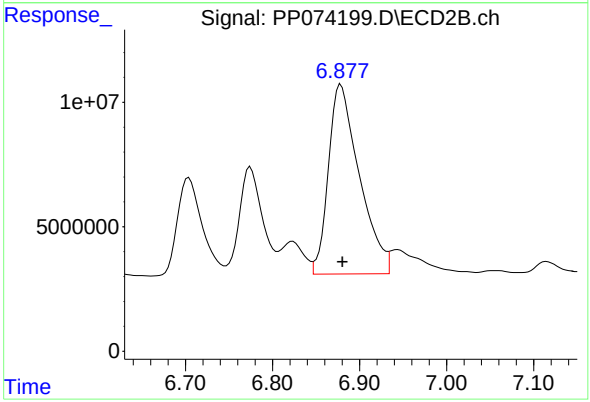
#30 AR-1254-5

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 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 188193102
Conc: 488.60 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:42
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:25:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:23:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.804	55201921	199.0E6	48.099	50.981
2)	SA Decachlor...	10.426	8.822	82544950	560.4E6	48.605	50.452
	Target Compounds						
41)	L9 AR-1268-1	8.879	7.701	75022320	549.0E6	482.047	503.522
42)	L9 AR-1268-2	8.975	7.764	69343438	540.7E6	483.480	509.488
43)	L9 AR-1268-3	9.215	7.973	57914901	420.0E6	484.752	504.814
44)	L9 AR-1268-4	9.641	8.257	28601597	156.0E6	486.318	506.427
45)	L9 AR-1268-5	10.071	8.557	170.0E6	1304.3E6	483.271	511.465

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

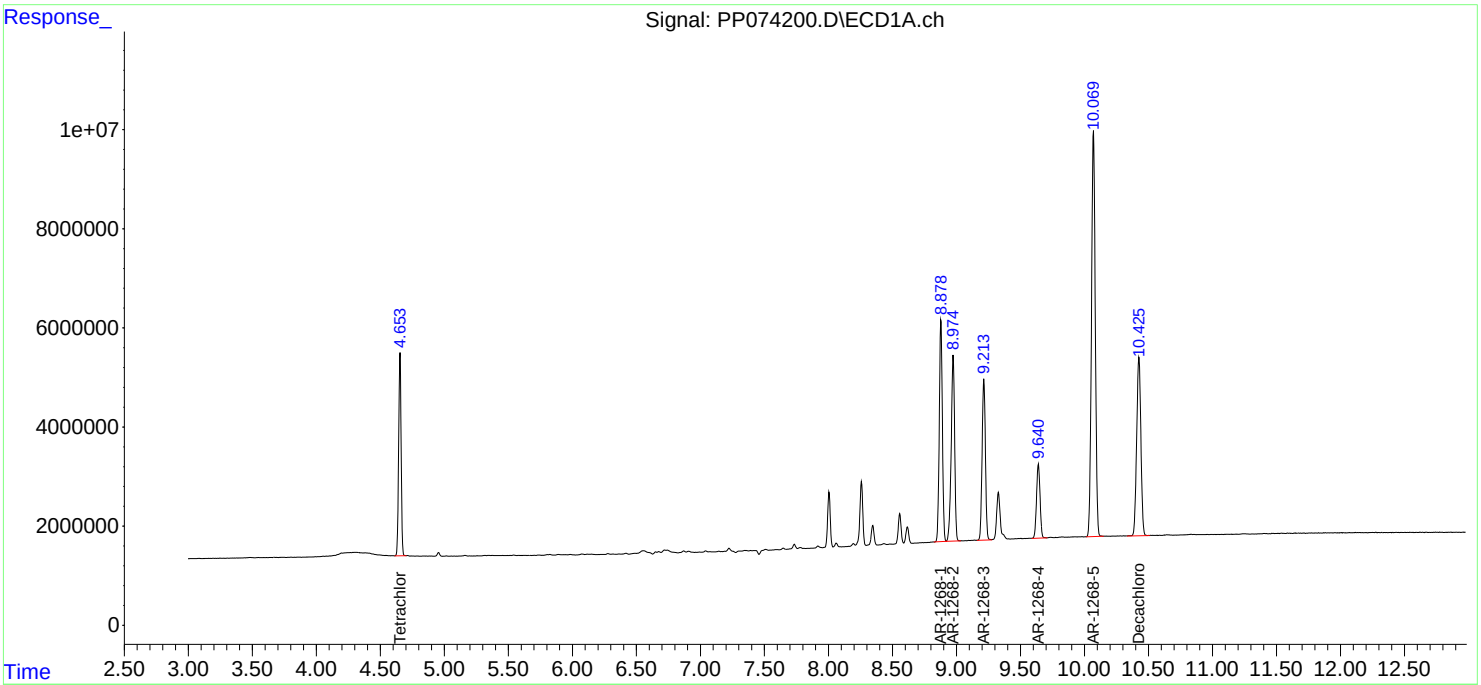
ICAL Form

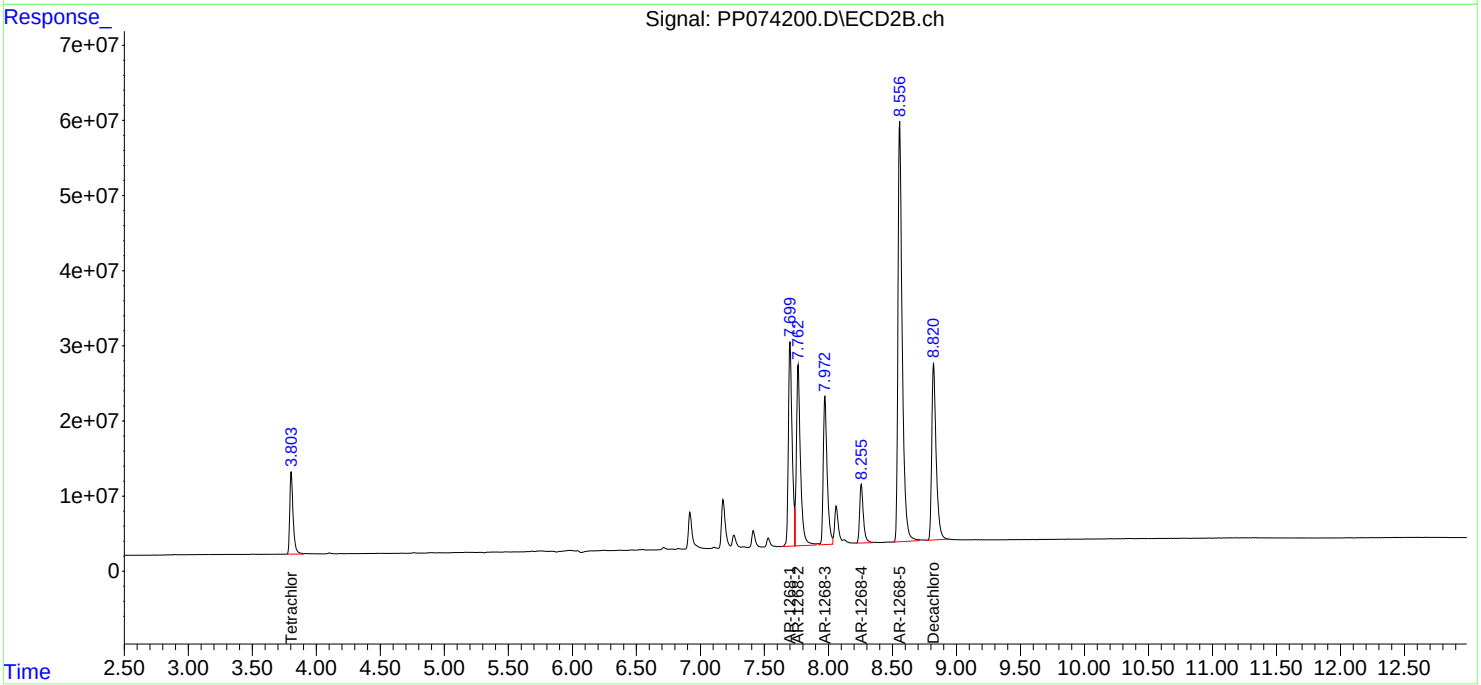
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:42
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

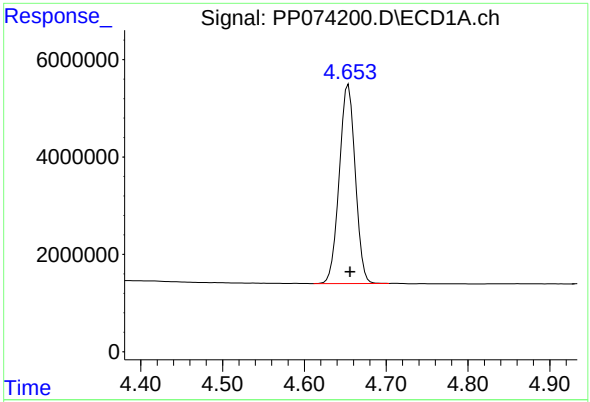
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:25:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:23:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



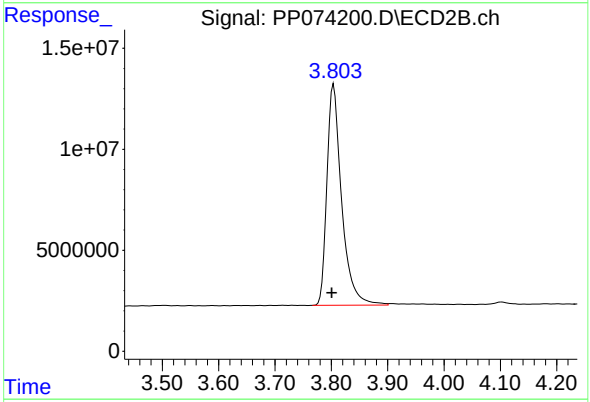




#1 Tetrachloro-m-xylene

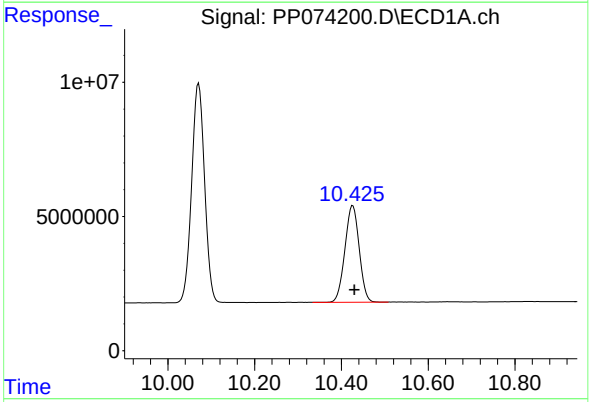
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 55201921
Conc: 48.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



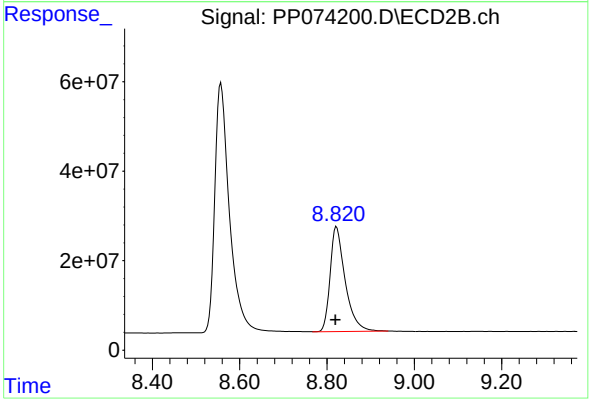
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.004 min
Response: 199002498
Conc: 50.98 ng/ml



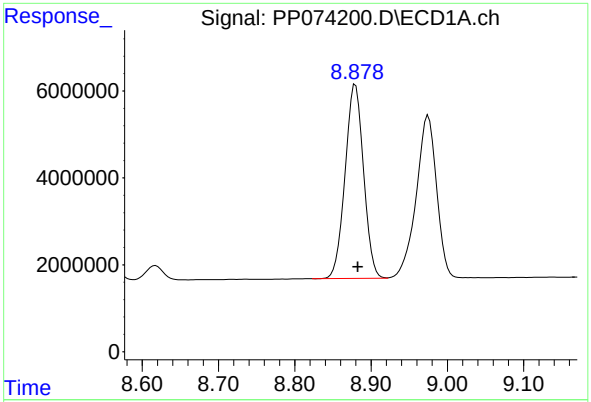
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.004 min
Response: 82544950
Conc: 48.61 ng/ml



#2 Decachlorobiphenyl

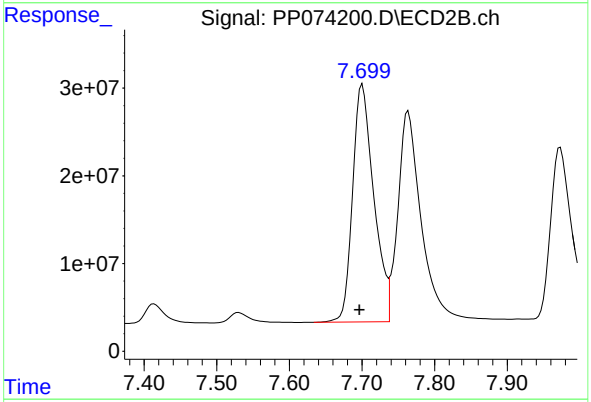
R.T.: 8.822 min
Delta R.T.: 0.002 min
Response: 560439717
Conc: 50.45 ng/ml



#41 AR-1268-1

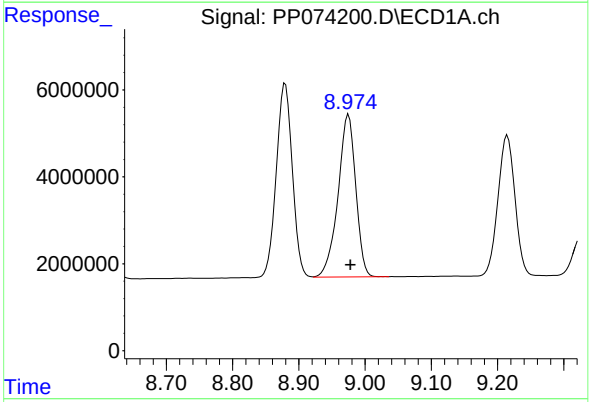
R.T.: 8.879 min
Delta R.T.: -0.003 min
Response: 75022320
Conc: 482.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



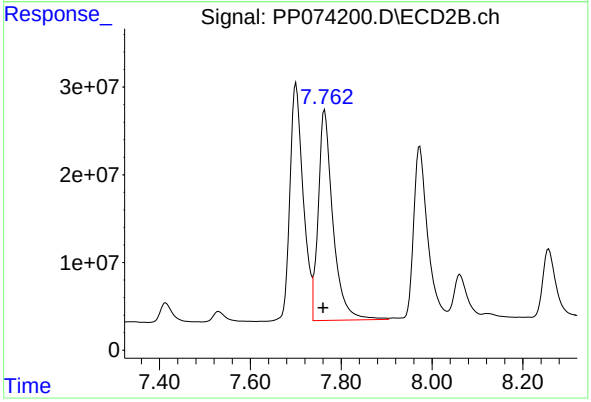
#41 AR-1268-1

R.T.: 7.701 min
Delta R.T.: 0.004 min
Response: 548972696
Conc: 503.52 ng/ml



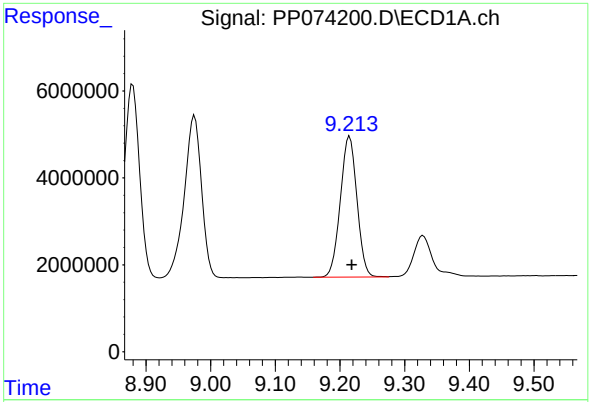
#42 AR-1268-2

R.T.: 8.975 min
Delta R.T.: -0.003 min
Response: 69343438
Conc: 483.48 ng/ml



#42 AR-1268-2

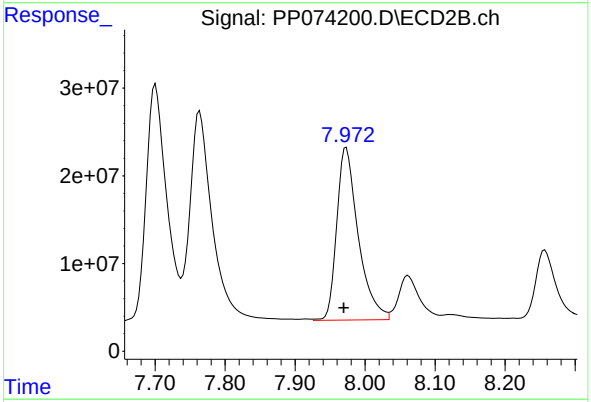
R.T.: 7.764 min
Delta R.T.: 0.004 min
Response: 540733077
Conc: 509.49 ng/ml



#43 AR-1268-3

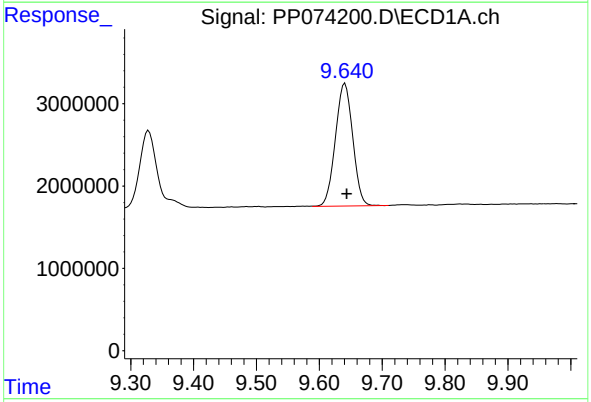
R.T.: 9.215 min
Delta R.T.: -0.003 min
Response: 57914901
Conc: 484.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



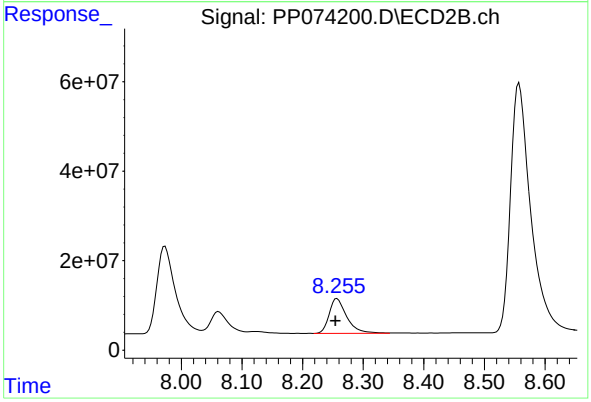
#43 AR-1268-3

R.T.: 7.973 min
Delta R.T.: 0.003 min
Response: 419972704
Conc: 504.81 ng/ml



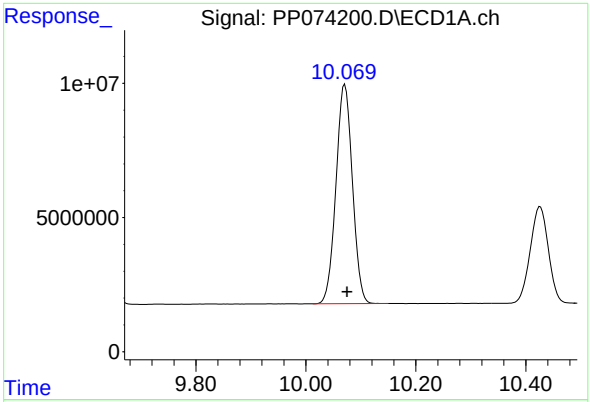
#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: -0.003 min
Response: 28601597
Conc: 486.32 ng/ml



#44 AR-1268-4

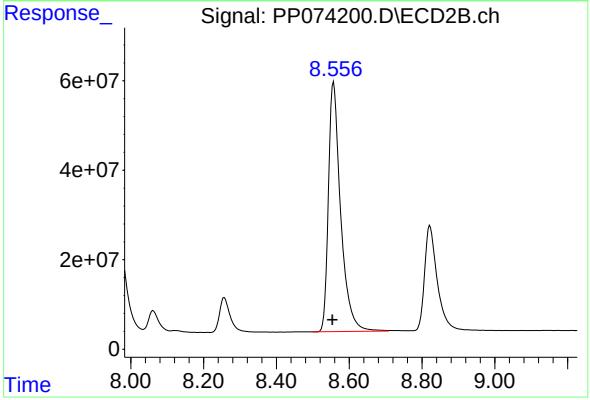
R.T.: 8.257 min
Delta R.T.: 0.003 min
Response: 156009466
Conc: 506.43 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: -0.004 min
Response: 169966134
Conc: 483.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



#45 AR-1268-5

R.T.: 8.557 min
Delta R.T.: 0.003 min
Response: 1304272028
Conc: 511.47 ng/ml

Raw Data: **PO112718.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 12:11 **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	0.00
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)	7.06	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: **PO112718.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 12:11 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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

Raw Data: **PO112718.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112718.D **Time Analyzed:** 12:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.750	4.655	4.855	611.200	500.000	22.2
Aroclor-1016-2	4.769	4.674	4.874	539.760	500.000	8.0
Aroclor-1016-3	4.827	4.731	4.931	541.820	500.000	8.4
Aroclor-1016-4	4.946	4.851	5.051	552.060	500.000	10.4
Aroclor-1016-5	5.202	5.108	5.308	578.860	500.000	15.8
Aroclor-1260-1	6.240	6.145	6.345	553.900	500.000	10.8
Aroclor-1260-2	6.429	6.333	6.533	547.200	500.000	9.4
Aroclor-1260-3	6.795	6.700	6.900	577.380	500.000	15.5
Aroclor-1260-4	7.055	6.959	7.159	553.500	500.000	10.7
Aroclor-1260-5	7.297	7.203	7.403	554.550	500.000	10.9
Decachlorobiphenyl	8.686	8.593	8.793	52.570	50.000	5.1
Tetrachloro-m-xylene	3.666	3.569	3.769	56.010	50.000	12.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112718.D **Time Analyzed:** 12:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.638	4.838	513.580	500.000	2.7
Aroclor-1016-2	4.752	4.656	4.856	504.760	500.000	1.0
Aroclor-1016-3	4.927	4.831	5.031	505.790	500.000	1.2
Aroclor-1016-4	4.969	4.873	5.073	507.940	500.000	1.6
Aroclor-1016-5	5.181	5.085	5.285	515.790	500.000	3.2
Aroclor-1260-1	6.209	6.113	6.313	524.320	500.000	4.9
Aroclor-1260-2	6.397	6.302	6.502	529.280	500.000	5.9
Aroclor-1260-3	6.548	6.453	6.653	559.700	500.000	11.9
Aroclor-1260-4	7.017	6.923	7.123	531.590	500.000	6.3
Aroclor-1260-5	7.260	7.164	7.364	557.900	500.000	11.6
Decachlorobiphenyl	8.634	8.540	8.740	52.550	50.000	5.1
Tetrachloro-m-xylene	3.660	3.562	3.762	52.730	50.000	5.5

Sample Results: **PO112718.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112718.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:11
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 12:52:48 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	3.660	455.5E6	262.0E6	56.013	52.729
2)	SA Decachlor...	8.686	8.634	384.4E6	92867702	52.569m	52.553
	Target Compounds						
3)	L1 AR-1016-1	4.750	4.734	164.0E6	89880366	611.204m	513.581
4)	L1 AR-1016-2	4.769	4.752	219.2E6	131.5E6	539.757m	504.762
5)	L1 AR-1016-3	4.827	4.927	141.8E6	68770045	541.825	505.787
6)	L1 AR-1016-4	4.946	4.969	116.9E6	56424669	552.059	507.942
7)	L1 AR-1016-5	5.202	5.181	127.0E6	73914268	578.857	515.790
31)	L7 AR-1260-1	6.240	6.209	243.3E6	130.3E6	553.903	524.318
32)	L7 AR-1260-2	6.429	6.397	376.4E6	174.4E6	547.203	529.284
33)	L7 AR-1260-3	6.795	6.548	339.5E6	143.8E6	577.376	559.703m
34)	L7 AR-1260-4	7.055	7.017	249.6E6	101.7E6	553.501	531.593
35)	L7 AR-1260-5	7.297	7.260	687.2E6	230.0E6	554.548	557.898

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112718.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:11
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

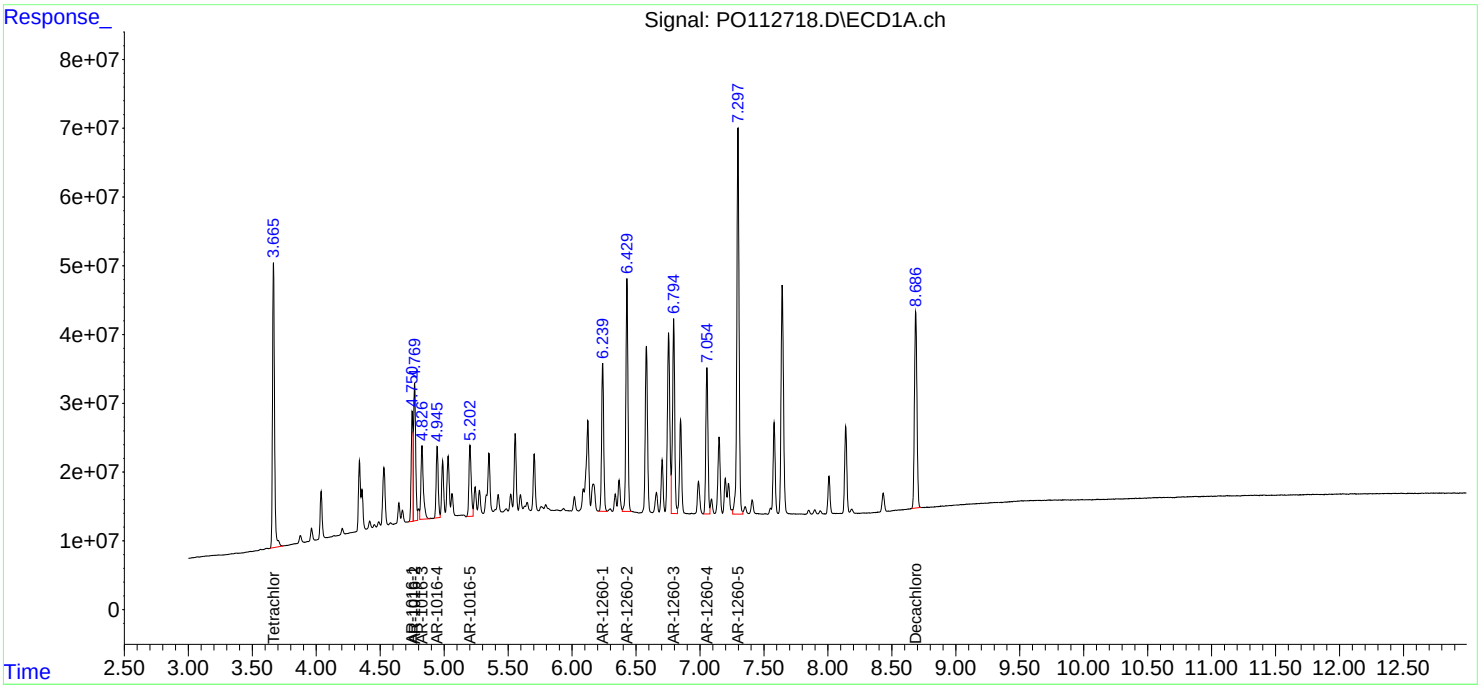
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

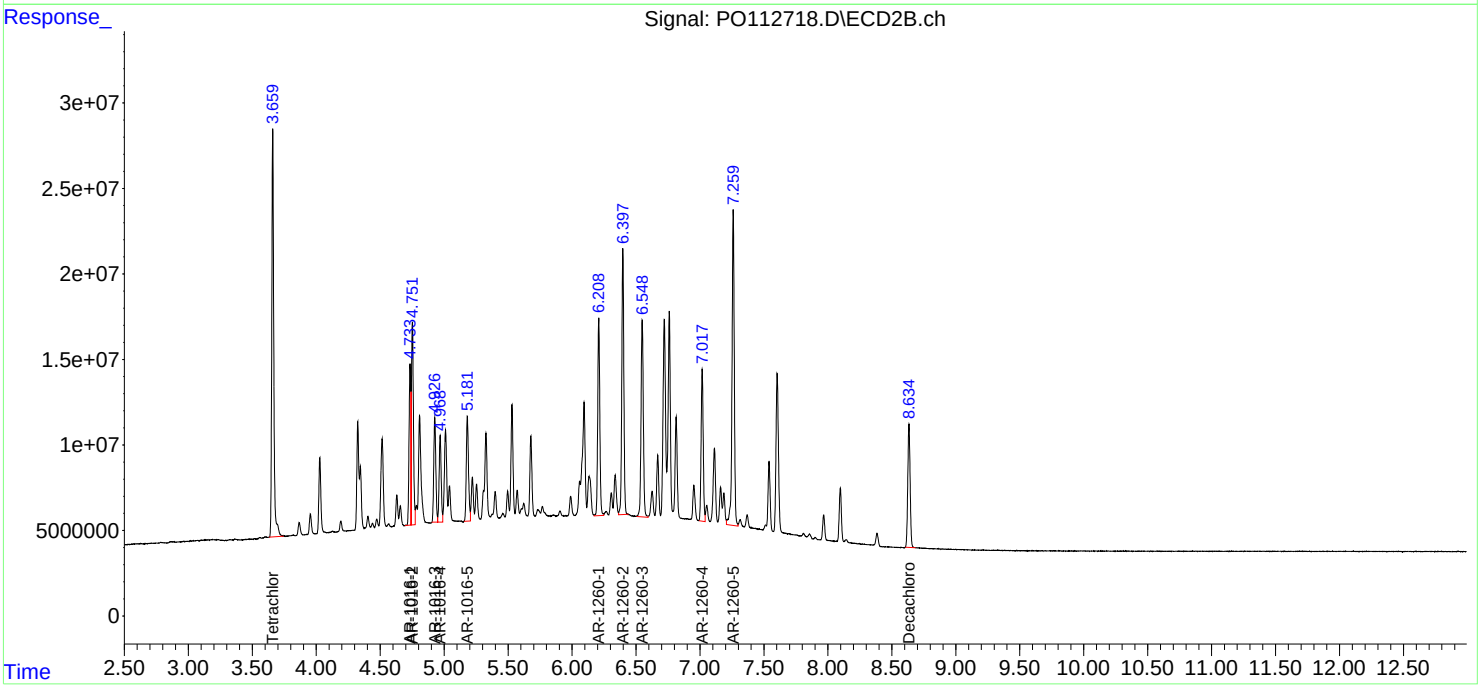
Manual Integrations APPROVED

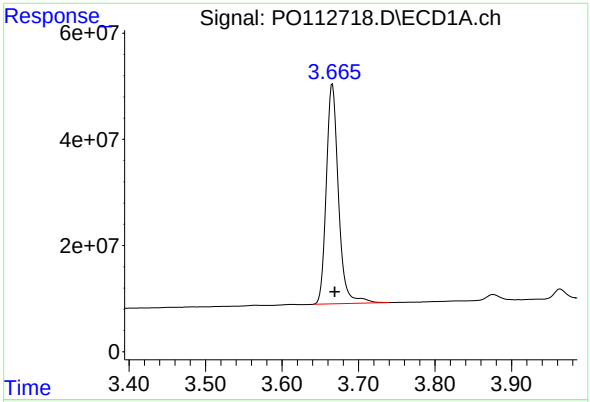
Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 12:52:48 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







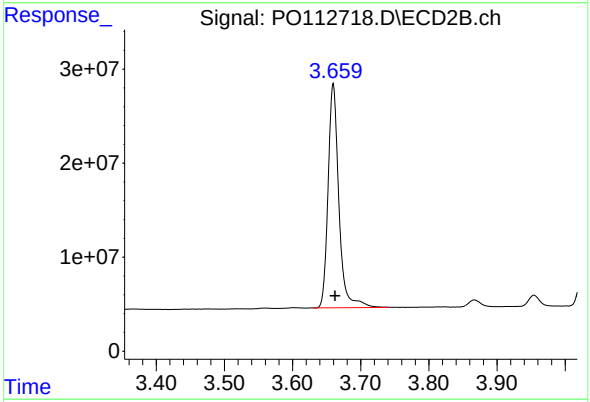
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 455475293
Conc: 56.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

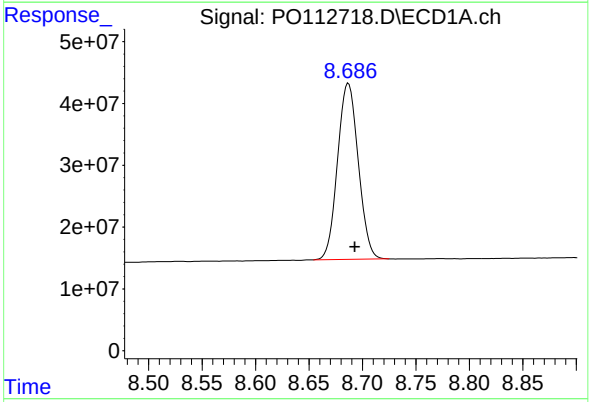
Manual Integrations
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Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



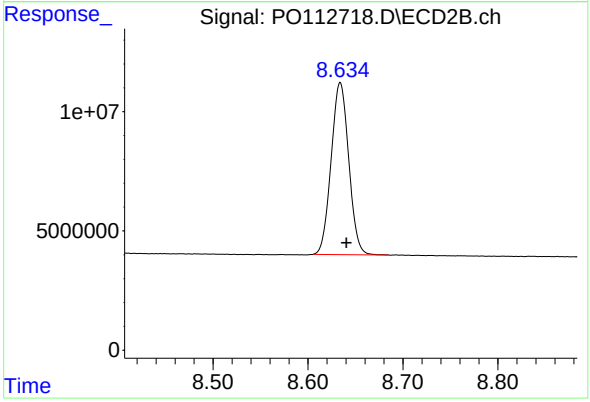
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 262020381
Conc: 52.73 ng/ml



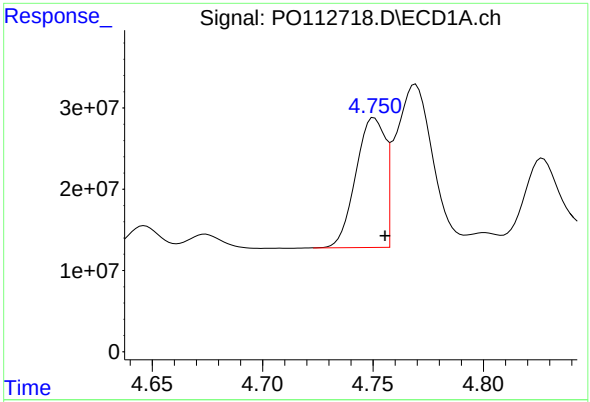
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.006 min
Response: 384376394
Conc: 52.57 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 92867702
Conc: 52.55 ng/ml



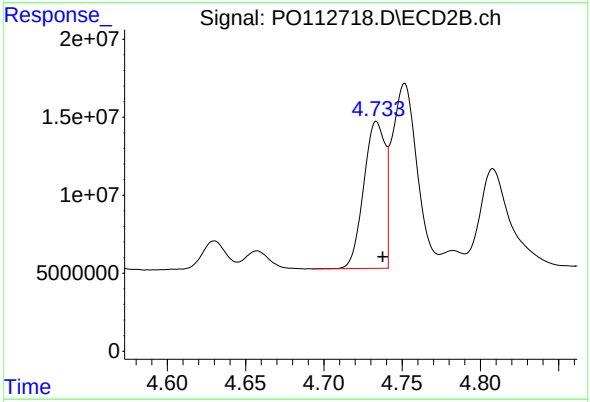
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 164026126
Conc: 611.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

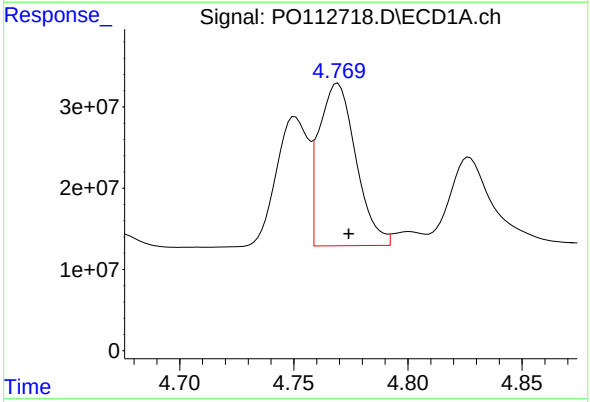
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



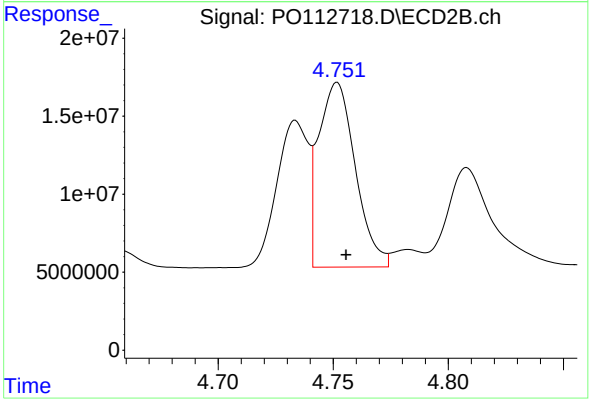
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 89880366
Conc: 513.58 ng/ml



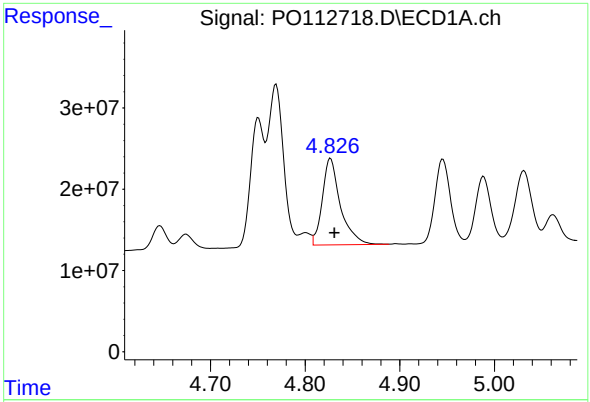
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 219204843
Conc: 539.76 ng/ml m



#4 AR-1016-2

R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 131487879
Conc: 504.76 ng/ml



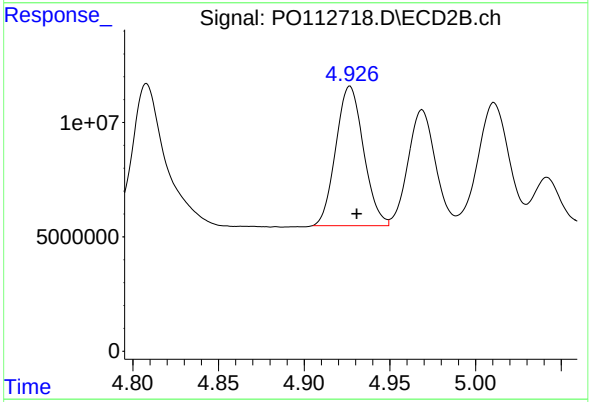
#5 AR-1016-3

R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 141781389
Conc: 541.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

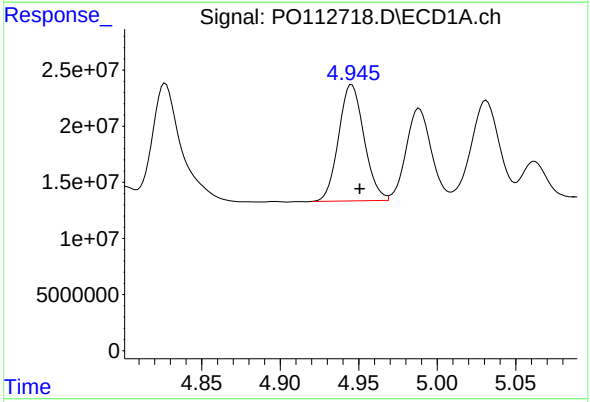
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



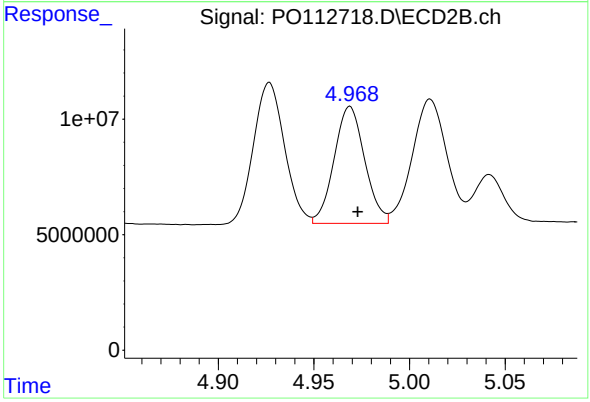
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 68770045
Conc: 505.79 ng/ml



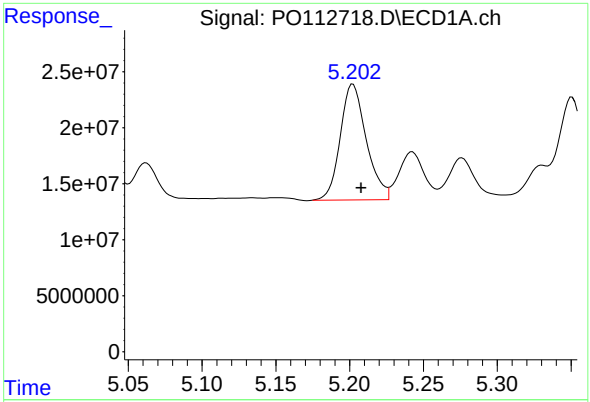
#6 AR-1016-4

R.T.: 4.946 min
Delta R.T.: -0.005 min
Response: 116949011
Conc: 552.06 ng/ml



#6 AR-1016-4

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 56424669
Conc: 507.94 ng/ml



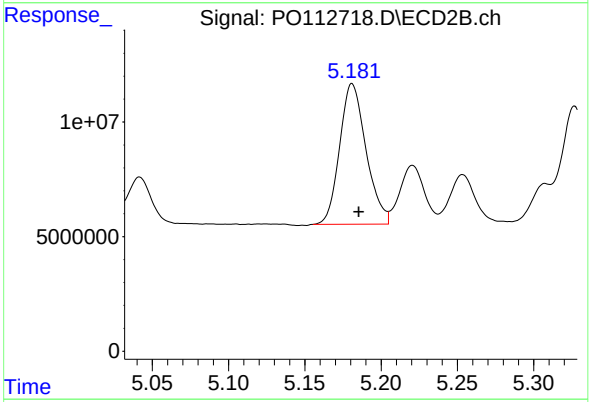
#7 AR-1016-5

R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 127042207
Conc: 578.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

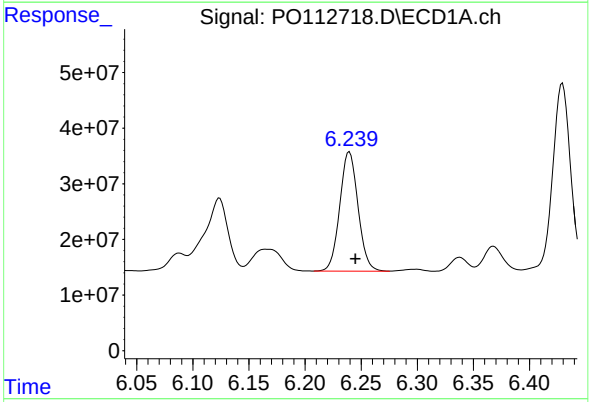
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



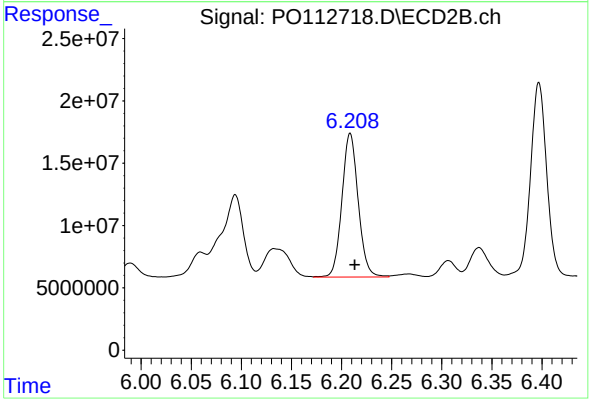
#7 AR-1016-5

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 73914268
Conc: 515.79 ng/ml



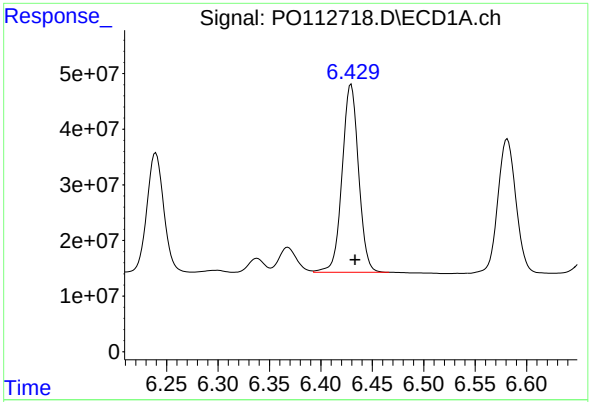
#31 AR-1260-1

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 243346766
Conc: 553.90 ng/ml



#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 130298779
Conc: 524.32 ng/ml



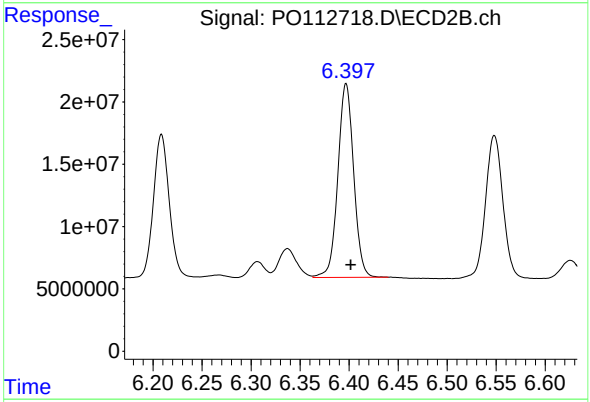
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 376417785
Conc: 547.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

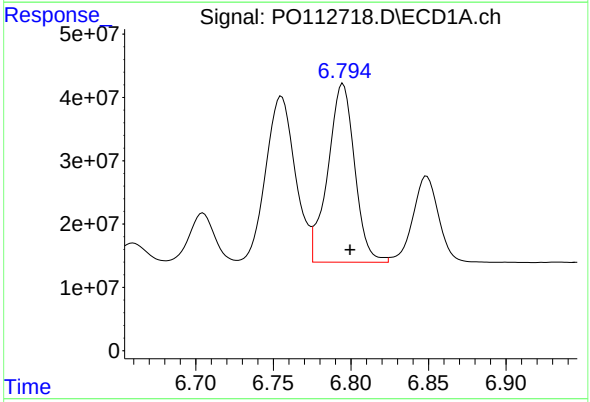
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



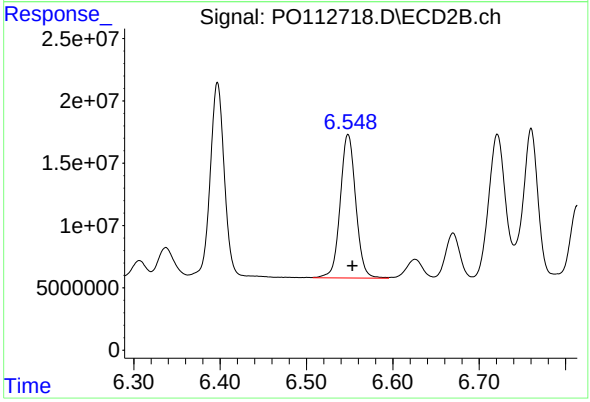
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 174395534
Conc: 529.28 ng/ml



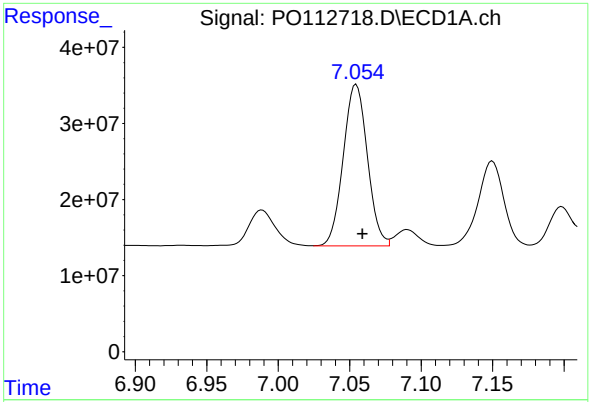
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 339508559
Conc: 577.38 ng/ml



#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 143799385
Conc: 559.70 ng/ml m



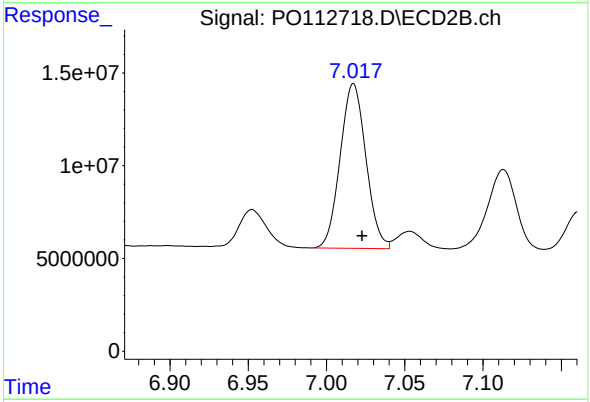
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 249631572
Conc: 553.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

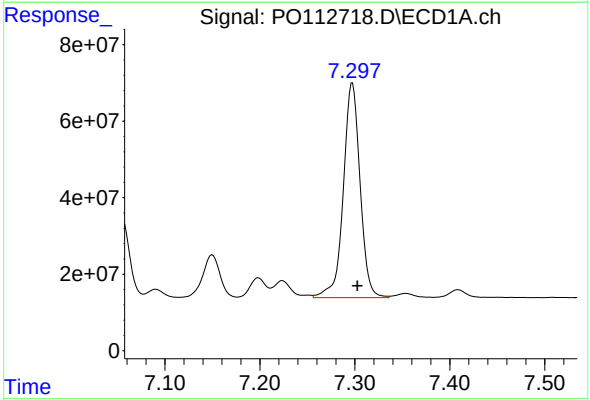
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



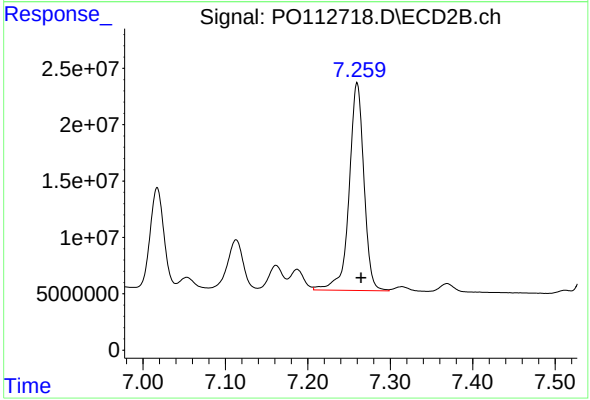
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.005 min
Response: 101699372
Conc: 531.59 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 687161385
Conc: 554.55 ng/ml



#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 229962021
Conc: 557.90 ng/ml

Raw Data: **PO112728.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 16:10 **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	0.00
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)	7.06	7.06	6.96	7.16	0.00
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: **PO112728.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 16:10 **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:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112728.D **Time Analyzed:** 16:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.753	4.655	4.855	542.310	500.000	8.5
Aroclor-1016-2	4.771	4.674	4.874	544.310	500.000	8.9
Aroclor-1016-3	4.828	4.731	4.931	531.700	500.000	6.3
Aroclor-1016-4	4.948	4.851	5.051	537.730	500.000	7.5
Aroclor-1016-5	5.204	5.108	5.308	585.920	500.000	17.2
Aroclor-1260-1	6.241	6.145	6.345	531.610	500.000	6.3
Aroclor-1260-2	6.431	6.333	6.533	535.830	500.000	7.2
Aroclor-1260-3	6.797	6.700	6.900	556.820	500.000	11.4
Aroclor-1260-4	7.056	6.959	7.159	524.850	500.000	5.0
Aroclor-1260-5	7.300	7.203	7.403	525.610	500.000	5.1
Decachlorobiphenyl	8.688	8.593	8.793	50.400	50.000	0.8
Tetrachloro-m-xylene	3.667	3.569	3.769	54.350	50.000	8.7

Raw Data: **PO112728.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112728.D **Time Analyzed:** 16:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.638	4.838	518.090	500.000	3.6
Aroclor-1016-2	4.752	4.656	4.856	507.610	500.000	1.5
Aroclor-1016-3	4.926	4.831	5.031	505.890	500.000	1.2
Aroclor-1016-4	4.969	4.873	5.073	503.770	500.000	0.8
Aroclor-1016-5	5.181	5.085	5.285	524.580	500.000	4.9
Aroclor-1260-1	6.209	6.113	6.313	530.550	500.000	6.1
Aroclor-1260-2	6.397	6.302	6.502	529.660	500.000	5.9
Aroclor-1260-3	6.548	6.453	6.653	550.420	500.000	10.1
Aroclor-1260-4	7.018	6.923	7.123	537.980	500.000	7.6
Aroclor-1260-5	7.260	7.164	7.364	555.820	500.000	11.2
Decachlorobiphenyl	8.634	8.540	8.740	52.460	50.000	4.9
Tetrachloro-m-xylene	3.660	3.562	3.762	52.840	50.000	5.7

Sample Results: **PO112728.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:43:59 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...	3.667	3.660	442.0E6	262.6E6	54.354	52.836
2)	SA Decachlor...	8.688	8.634	368.5E6	92711508	50.403m	52.465
	Target Compounds						
3)	L1 AR-1016-1	4.753	4.734	145.5E6	90669580	542.310	518.091
4)	L1 AR-1016-2	4.771	4.752	221.1E6	132.2E6	544.314	507.609
5)	L1 AR-1016-3	4.828	4.926	139.1E6	68784597	531.702	505.894
6)	L1 AR-1016-4	4.948	4.969	113.9E6	55960633	537.726	503.765
7)	L1 AR-1016-5	5.204	5.181	128.6E6	75174459	585.920m	524.584
31)	L7 AR-1260-1	6.241	6.209	233.6E6	131.8E6	531.613	530.552
32)	L7 AR-1260-2	6.431	6.397	368.6E6	174.5E6	535.833	529.662
33)	L7 AR-1260-3	6.797	6.548	327.4E6	141.4E6	556.815	550.424m
34)	L7 AR-1260-4	7.056	7.018	236.7E6	102.9E6	524.848	537.983
35)	L7 AR-1260-5	7.300	7.260	651.3E6	229.1E6	525.613	555.823

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

Sample Results: **PO112728.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

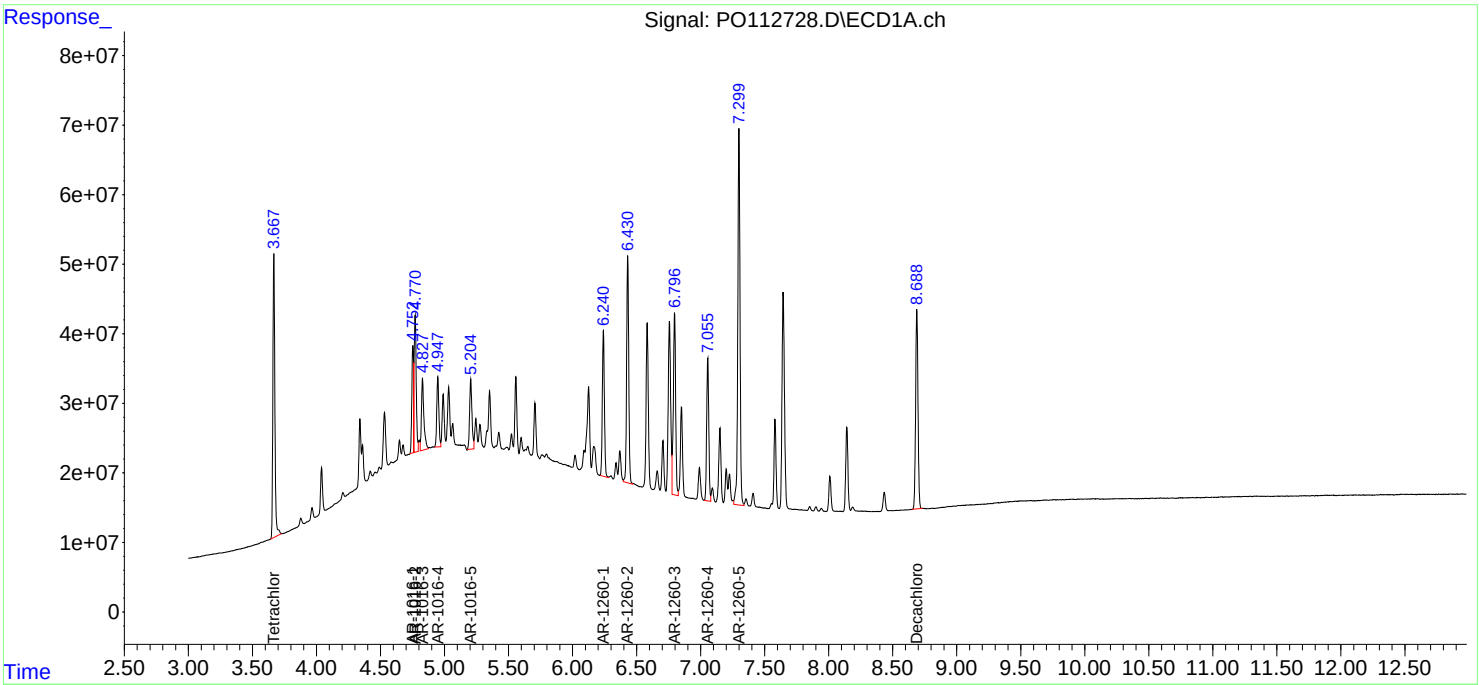
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

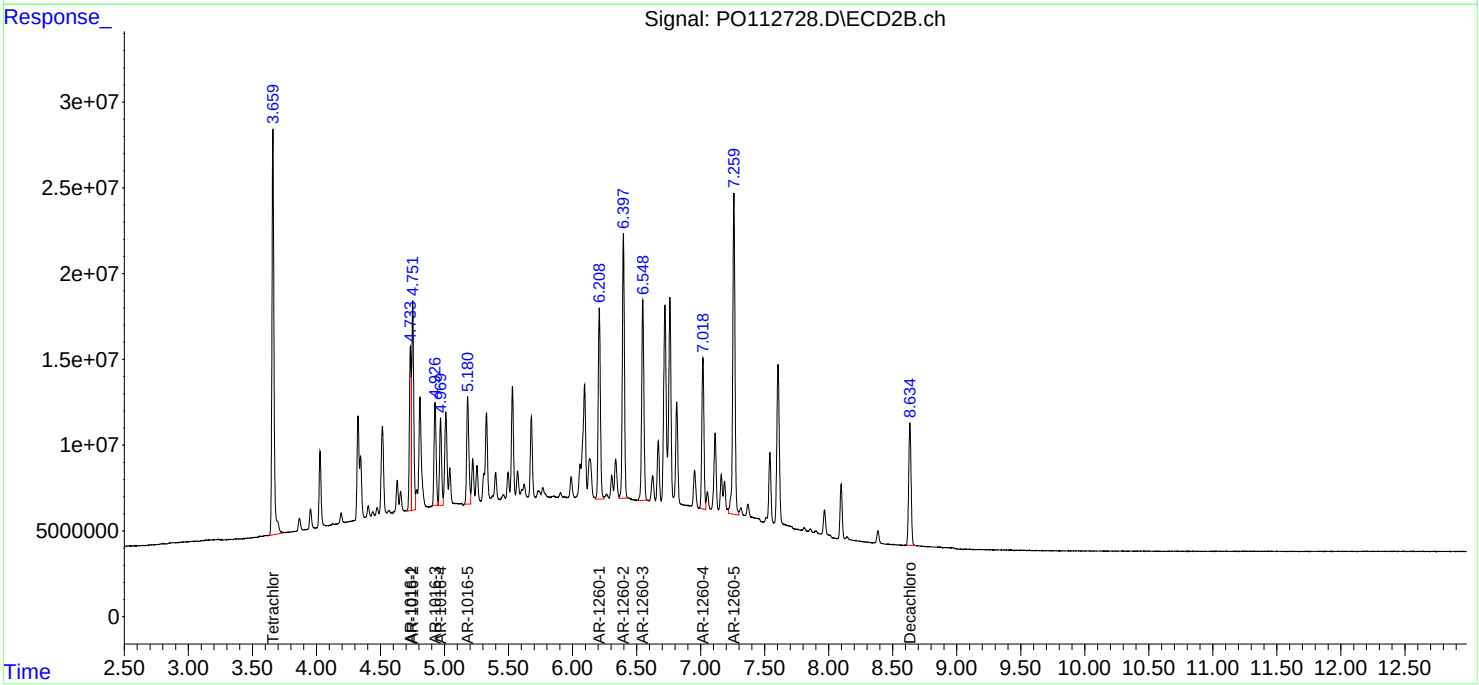
Manual Integrations APPROVED

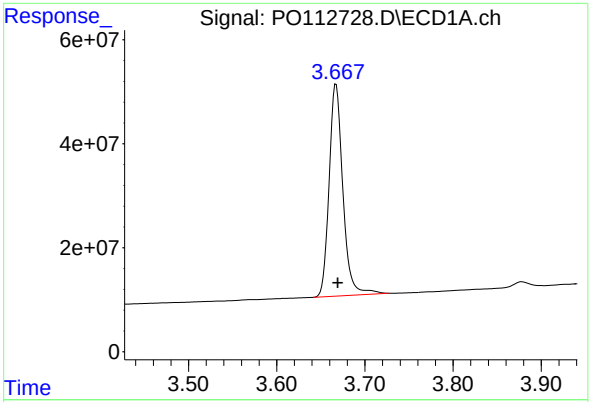
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:43:59 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







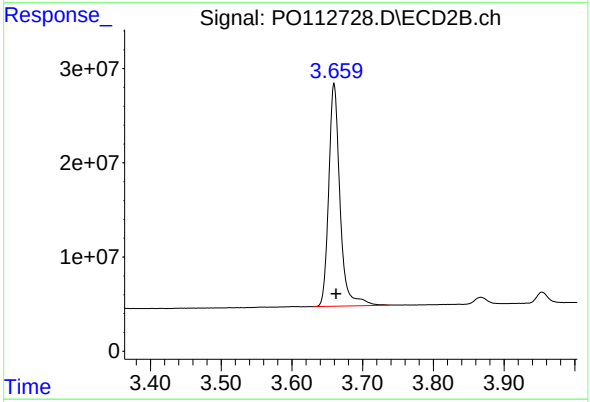
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 441986989
Conc: 54.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

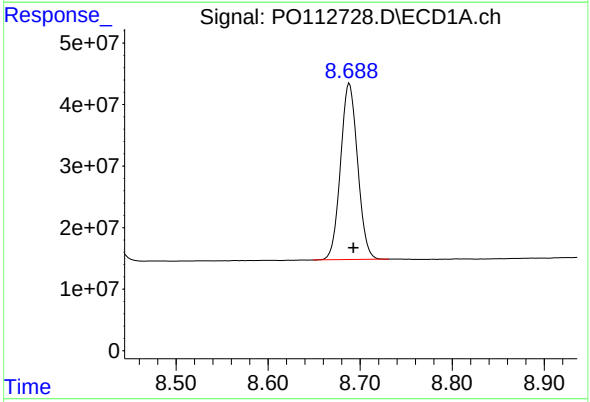
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



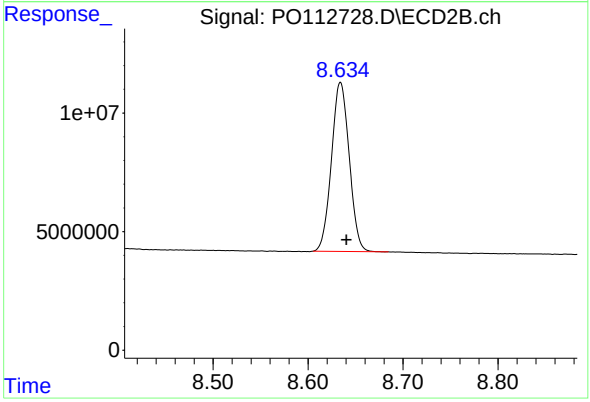
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 262552694
Conc: 52.84 ng/ml



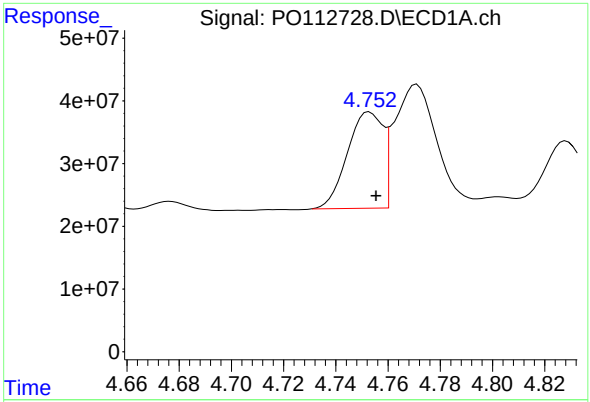
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 368538559
Conc: 50.40 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 92711508
Conc: 52.46 ng/ml



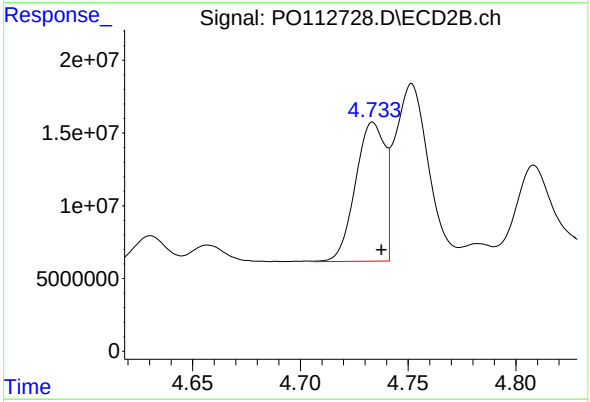
#3 AR-1016-1

R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 145537431
Conc: 542.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

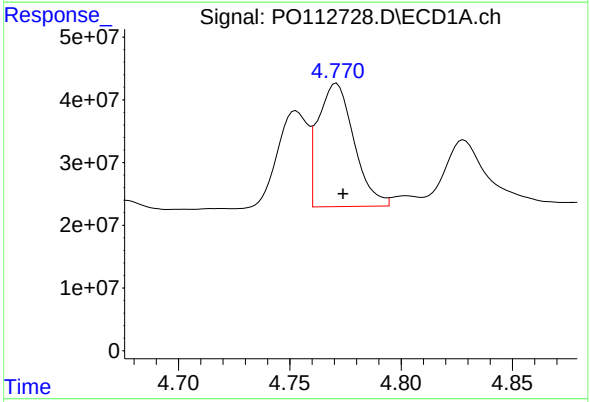
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



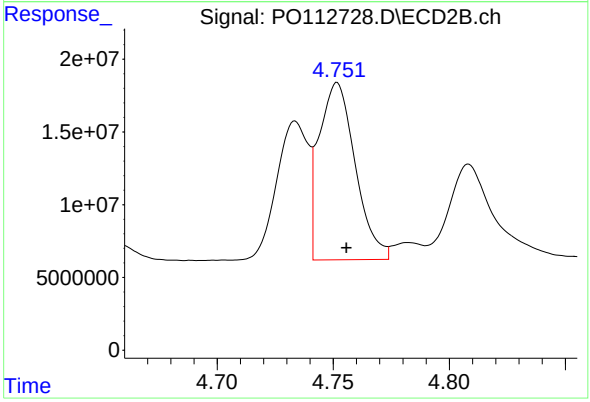
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 90669580
Conc: 518.09 ng/ml



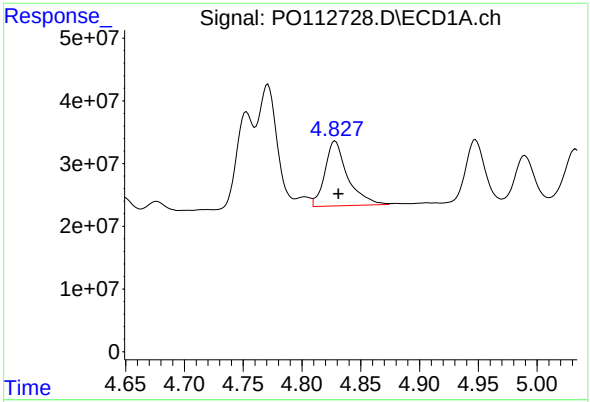
#4 AR-1016-2

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 221055269
Conc: 544.31 ng/ml



#4 AR-1016-2

R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 132229620
Conc: 507.61 ng/ml



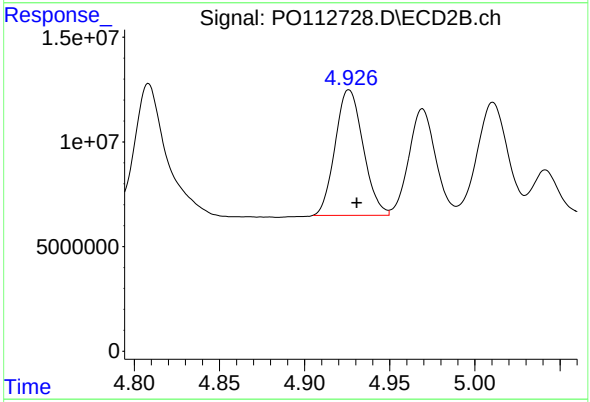
#5 AR-1016-3

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 139132623
Conc: 531.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

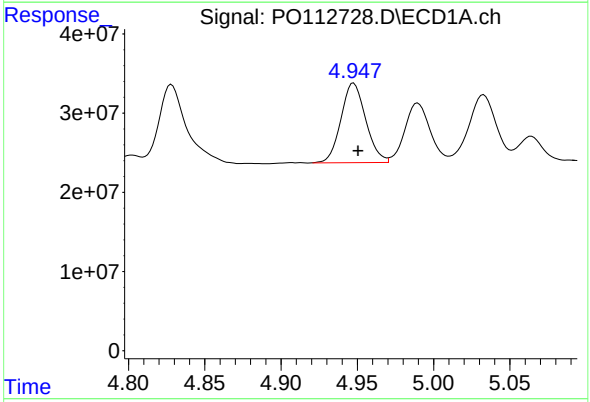
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



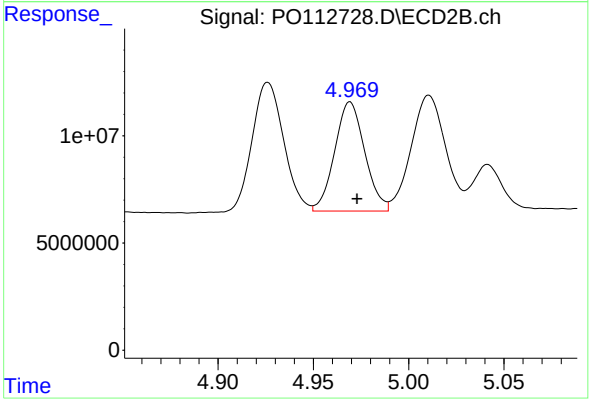
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 68784597
Conc: 505.89 ng/ml



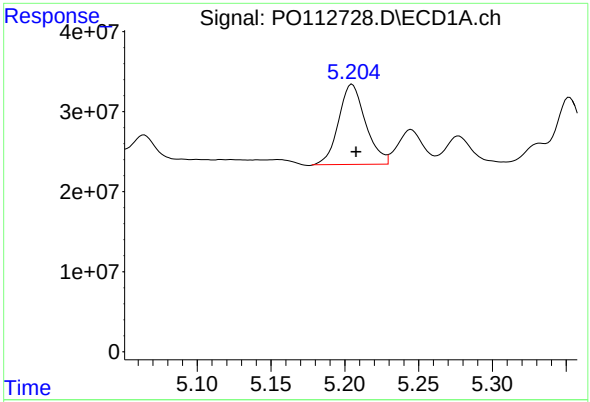
#6 AR-1016-4

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 113912612
Conc: 537.73 ng/ml



#6 AR-1016-4

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 55960633
Conc: 503.77 ng/ml



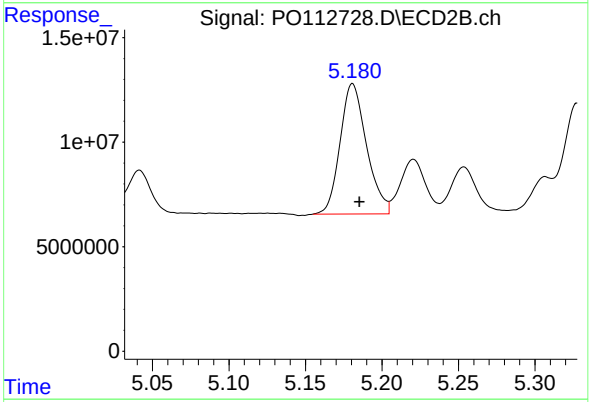
#7 AR-1016-5

R.T.: 5.204 min
Delta R.T.: -0.003 min
Response: 128592259
Conc: 585.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

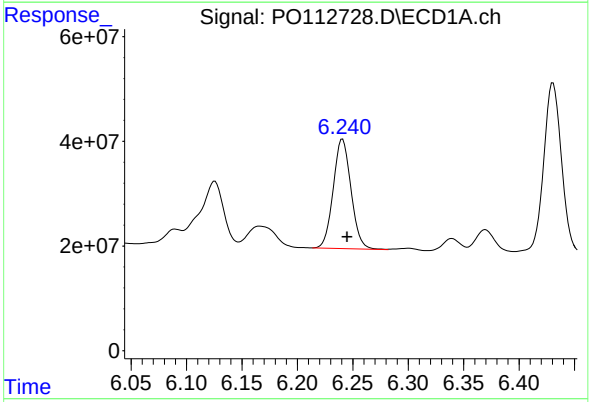
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



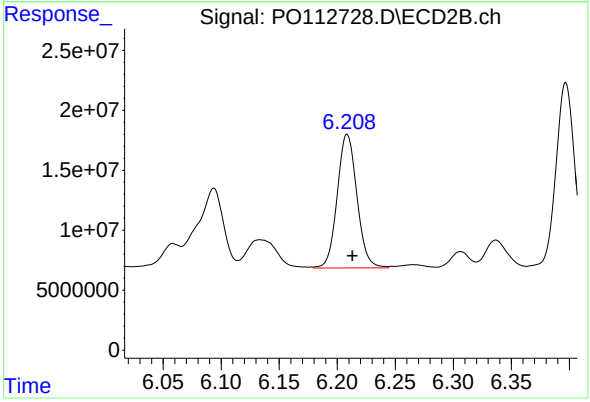
#7 AR-1016-5

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 75174459
Conc: 524.58 ng/ml



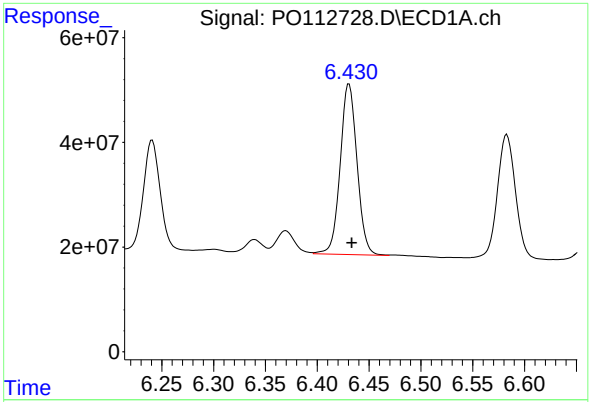
#31 AR-1260-1

R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 233554089
Conc: 531.61 ng/ml



#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 131848091
Conc: 530.55 ng/ml



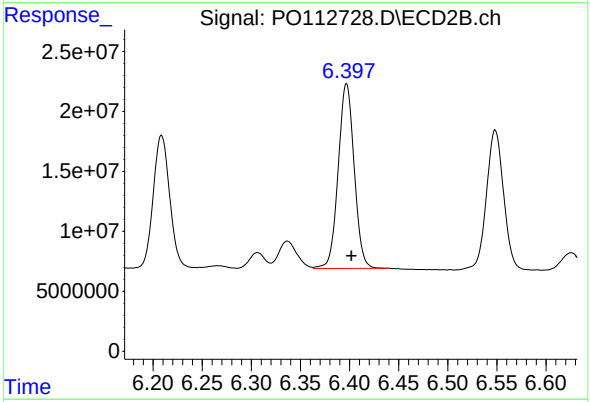
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 368595937
Conc: 535.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

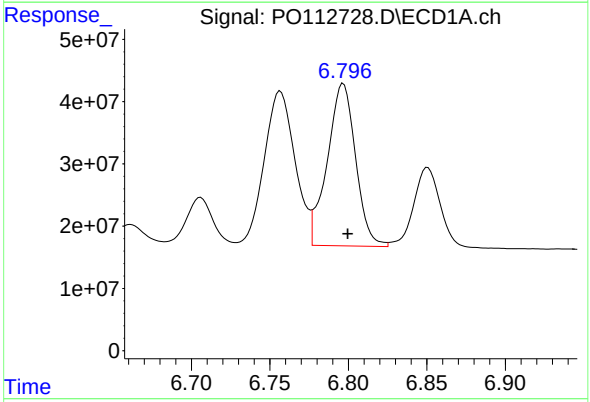
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



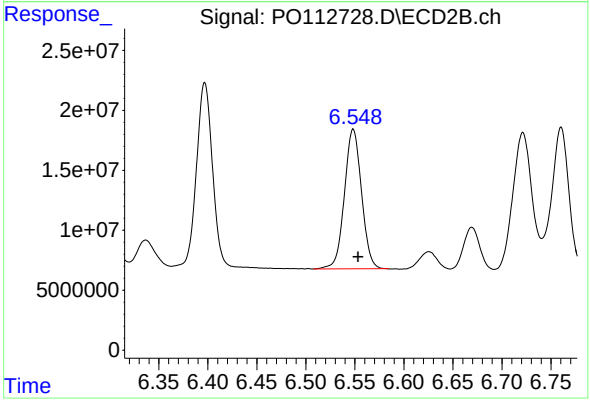
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 174520161
Conc: 529.66 ng/ml



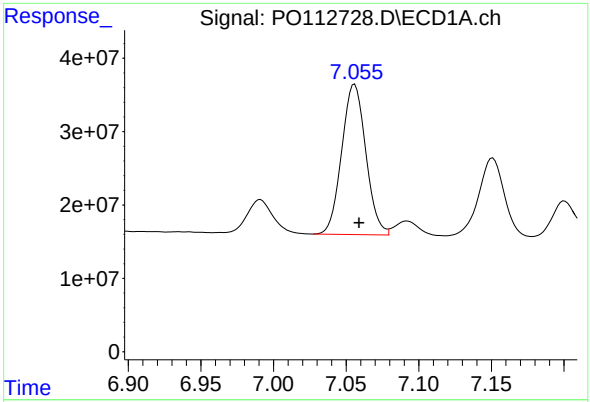
#33 AR-1260-3

R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 327418252
Conc: 556.82 ng/ml



#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 141415586
Conc: 550.42 ng/ml m



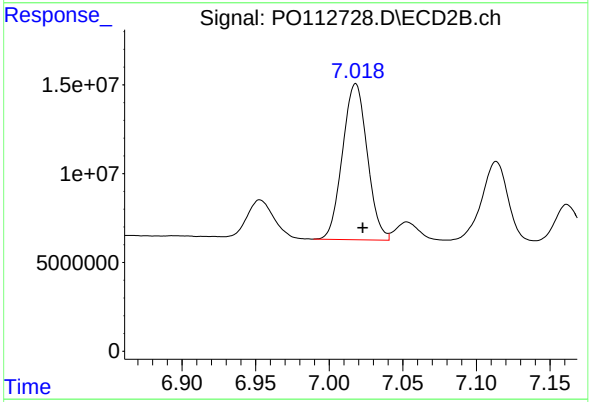
#34 AR-1260-4

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 236708849
Conc: 524.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

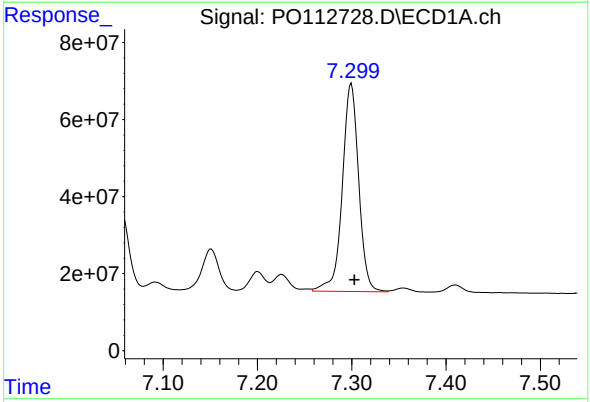
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



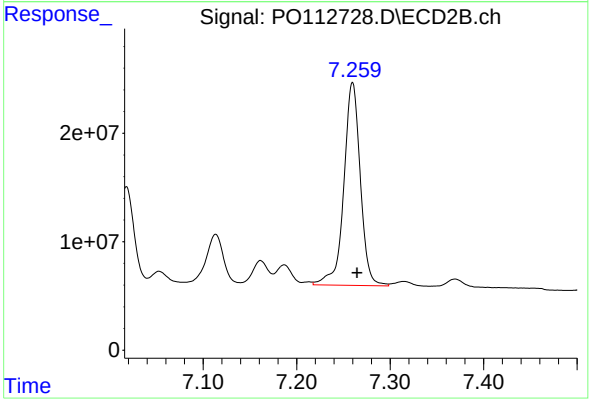
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 102921872
Conc: 537.98 ng/ml



#35 AR-1260-5

R.T.: 7.300 min
Delta R.T.: -0.003 min
Response: 651307820
Conc: 525.61 ng/ml



#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 229106826
Conc: 555.82 ng/ml

Raw Data: **PO112740.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:29 **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	0.00
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: **PO112740.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:29 **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:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112740.D **Time Analyzed:** 08:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.751	4.655	4.855	588.790	500.000	17.8
Aroclor-1016-2	4.770	4.674	4.874	588.650	500.000	17.7
Aroclor-1016-3	4.828	4.731	4.931	570.570	500.000	14.1
Aroclor-1016-4	4.946	4.851	5.051	579.010	500.000	15.8
Aroclor-1016-5	5.203	5.108	5.308	591.820	500.000	18.4
Aroclor-1260-1	6.240	6.145	6.345	583.750	500.000	16.8
Aroclor-1260-2	6.429	6.333	6.533	575.540	500.000	15.1
Aroclor-1260-3	6.795	6.700	6.900	589.860	500.000	18.0
Aroclor-1260-4	7.054	6.959	7.159	575.960	500.000	15.2
Aroclor-1260-5	7.297	7.203	7.403	570.460	500.000	14.1
Decachlorobiphenyl	8.686	8.593	8.793	55.110	50.000	10.2
Tetrachloro-m-xylene	3.667	3.569	3.769	59.130	50.000	18.3

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112740.D **Time Analyzed:** 08:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.732	4.638	4.838	534.220	500.000	6.8
Aroclor-1016-2	4.751	4.656	4.856	533.520	500.000	6.7
Aroclor-1016-3	4.926	4.831	5.031	526.410	500.000	5.3
Aroclor-1016-4	4.968	4.873	5.073	523.300	500.000	4.7
Aroclor-1016-5	5.180	5.085	5.285	550.320	500.000	10.1
Aroclor-1260-1	6.207	6.113	6.313	551.900	500.000	10.4
Aroclor-1260-2	6.396	6.302	6.502	553.970	500.000	10.8
Aroclor-1260-3	6.547	6.453	6.653	576.070	500.000	15.2
Aroclor-1260-4	7.016	6.923	7.123	560.700	500.000	12.1
Aroclor-1260-5	7.258	7.164	7.364	581.870	500.000	16.4
Decachlorobiphenyl	8.633	8.540	8.740	55.140	50.000	10.3
Tetrachloro-m-xylene	3.659	3.562	3.762	55.610	50.000	11.2

Sample Results: **PO112740.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:29
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:04:33 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...	3.667	3.659	480.8E6	276.3E6	59.129	55.607
2)	SA Decachlor...	8.686	8.633	403.0E6	97437475	55.111m	55.139m
	Target Compounds						
3)	L1 AR-1016-1	4.751	4.732	158.0E6	93492909	588.792	534.224
4)	L1 AR-1016-2	4.770	4.751	239.1E6	139.0E6	588.646	533.521
5)	L1 AR-1016-3	4.828	4.926	149.3E6	71573625	570.571	526.406
6)	L1 AR-1016-4	4.946	4.968	122.7E6	58130146	579.014	523.295
7)	L1 AR-1016-5	5.203	5.180	129.9E6	78862879	591.820m	550.323
31)	L7 AR-1260-1	6.240	6.207	256.5E6	137.2E6	583.754	551.900
32)	L7 AR-1260-2	6.429	6.396	395.9E6	182.5E6	575.542	553.971
33)	L7 AR-1260-3	6.795	6.547	346.9E6	148.0E6	589.862m	576.068m
34)	L7 AR-1260-4	7.054	7.016	259.8E6	107.3E6	575.964	560.705
35)	L7 AR-1260-5	7.297	7.258	706.9E6	239.8E6	570.463	581.870

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:29
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

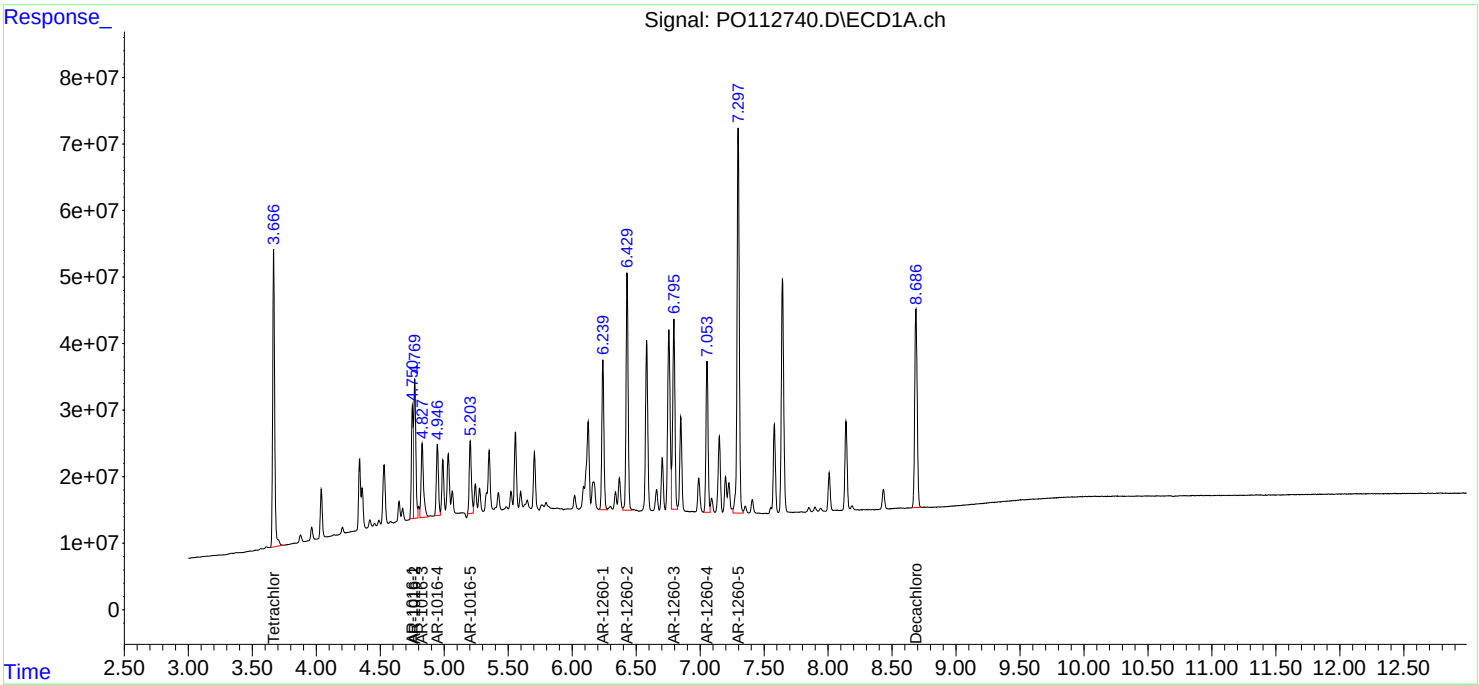
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

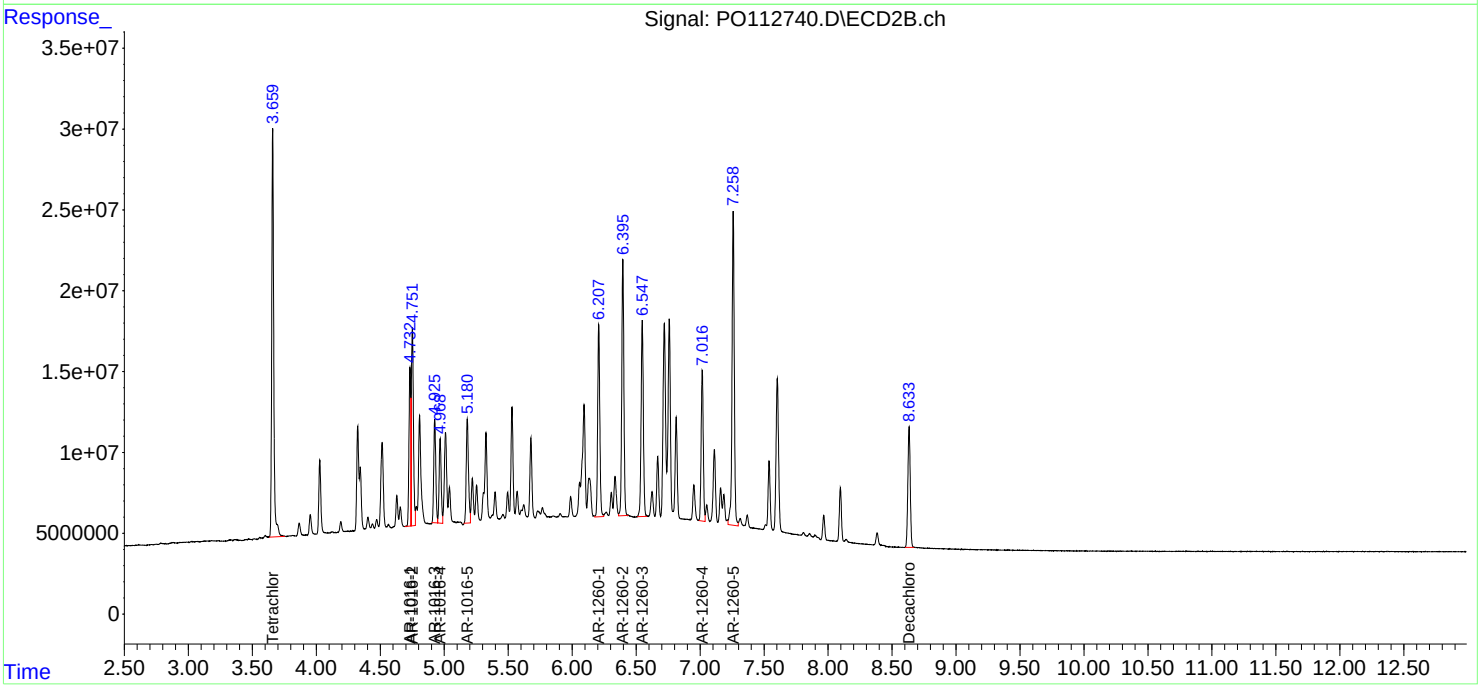
Manual Integrations APPROVED

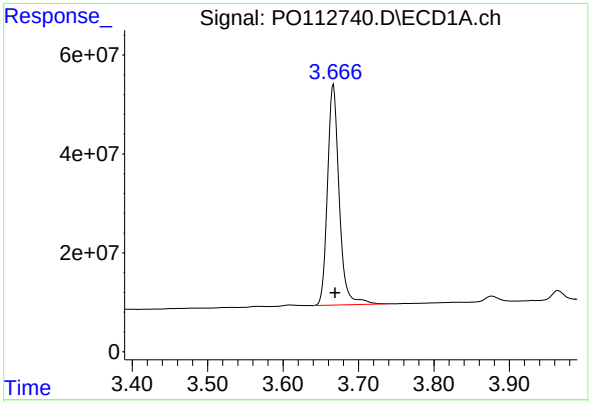
Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:04:33 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







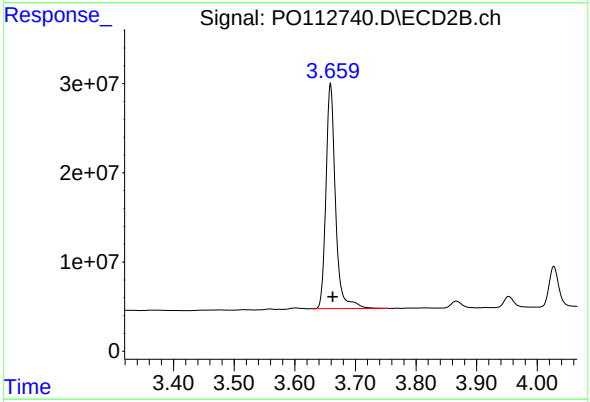
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 480813105
Conc: 59.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

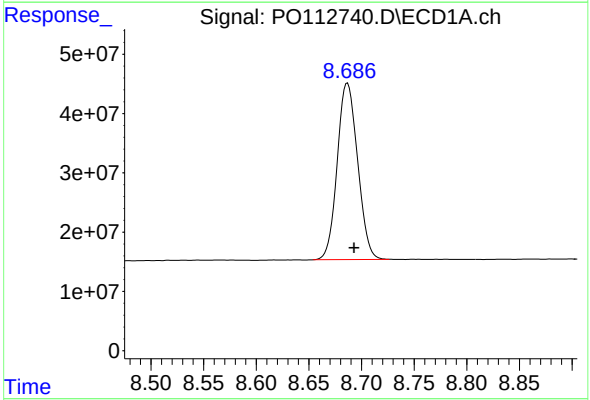
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



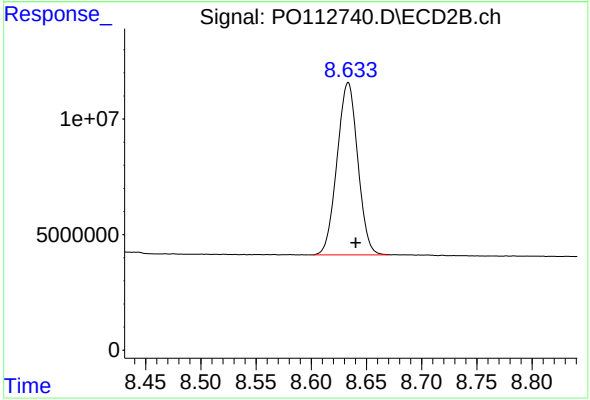
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 276321837
Conc: 55.61 ng/ml



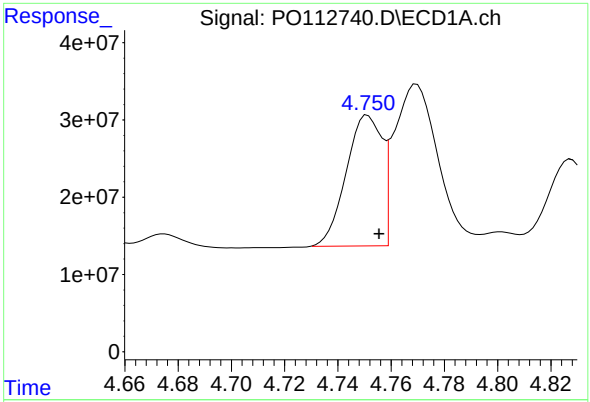
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 402960248
Conc: 55.11 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 97437475
Conc: 55.14 ng/ml m



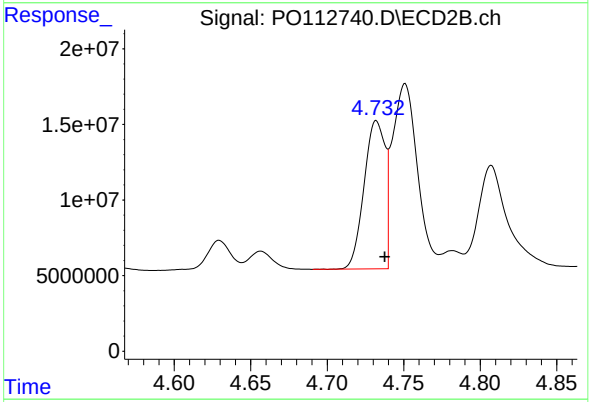
#3 AR-1016-1

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 158011671
Conc: 588.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

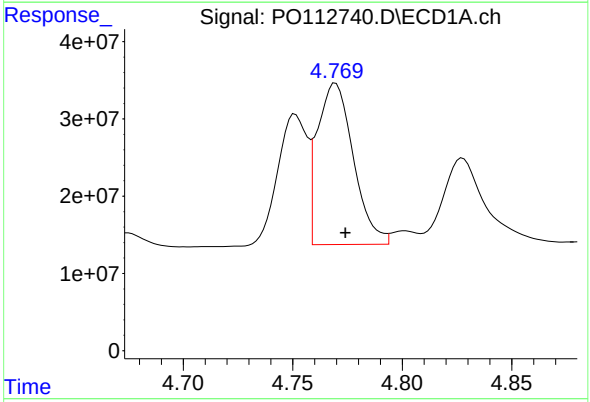
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



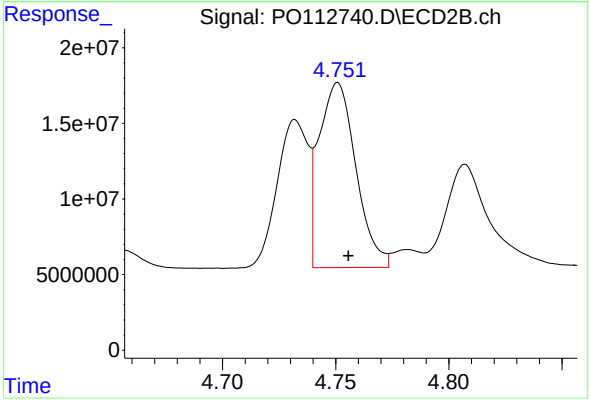
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.005 min
Response: 93492909
Conc: 534.22 ng/ml



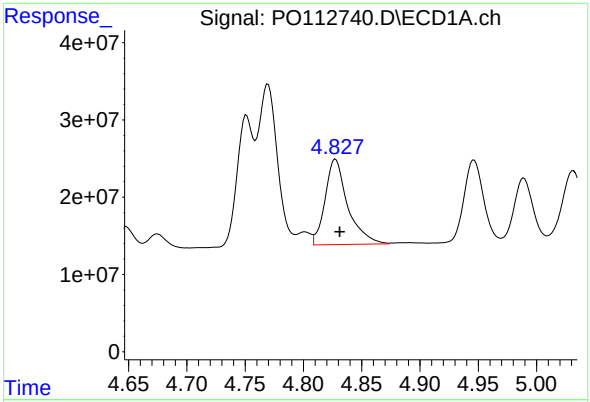
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 239059370
Conc: 588.65 ng/ml



#4 AR-1016-2

R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 138979472
Conc: 533.52 ng/ml



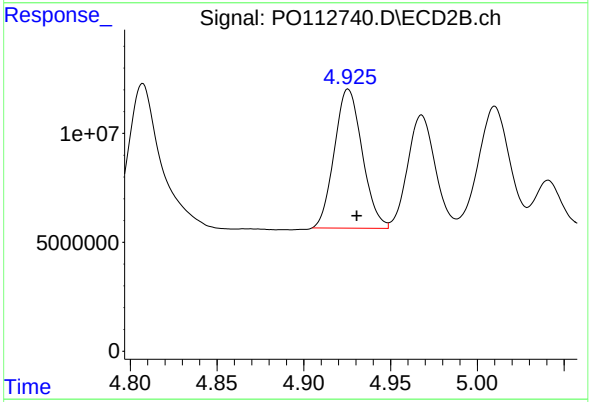
#5 AR-1016-3

R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 149303600
Conc: 570.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

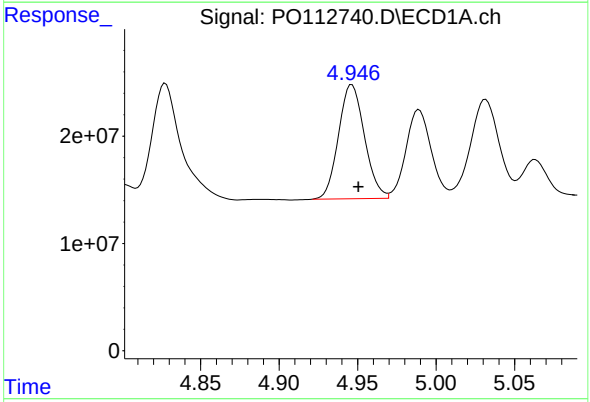
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



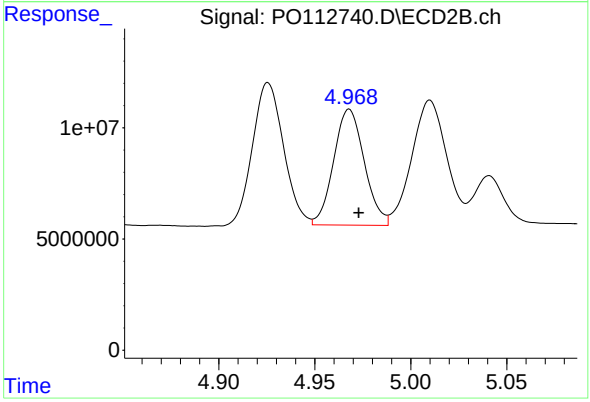
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 71573625
Conc: 526.41 ng/ml



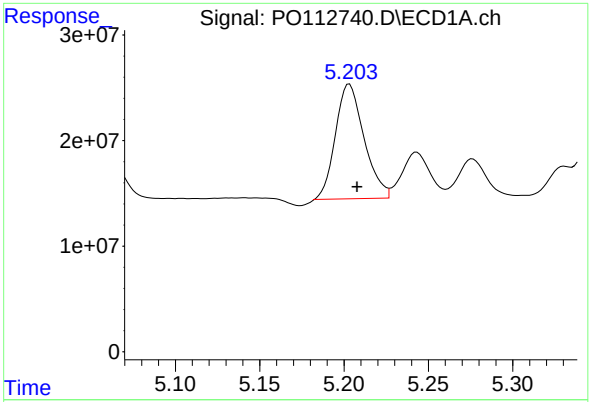
#6 AR-1016-4

R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 122659240
Conc: 579.01 ng/ml



#6 AR-1016-4

R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 58130146
Conc: 523.30 ng/ml



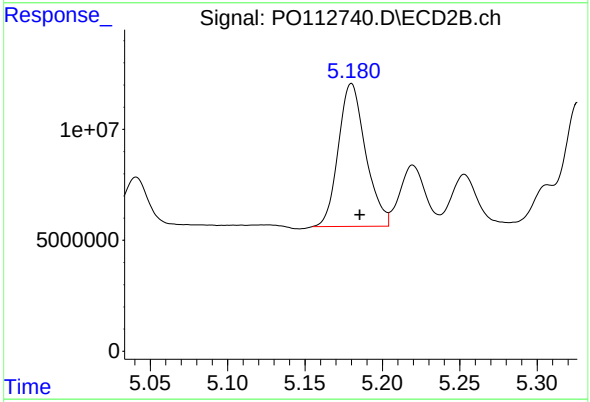
#7 AR-1016-5

R.T.: 5.203 min
Delta R.T.: -0.005 min
Response: 129887017
Conc: 591.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

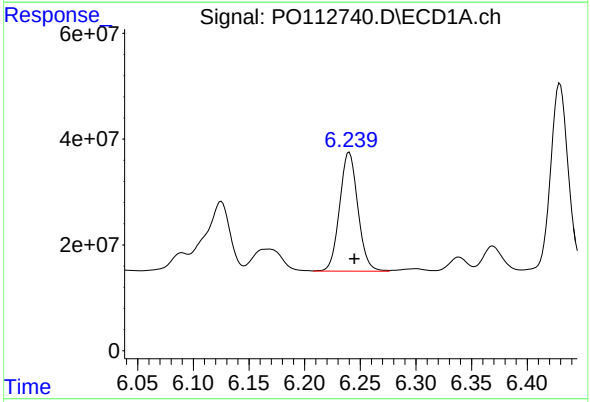
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



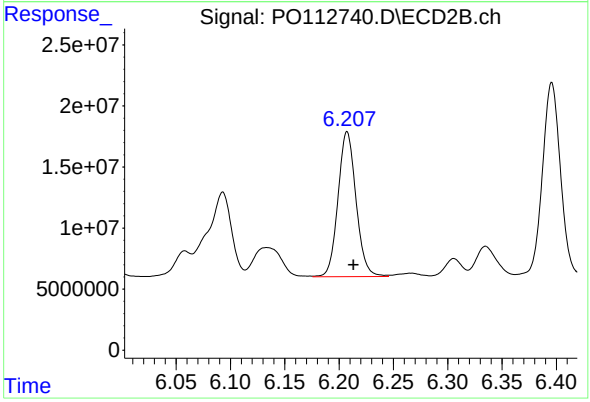
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 78862879
Conc: 550.32 ng/ml



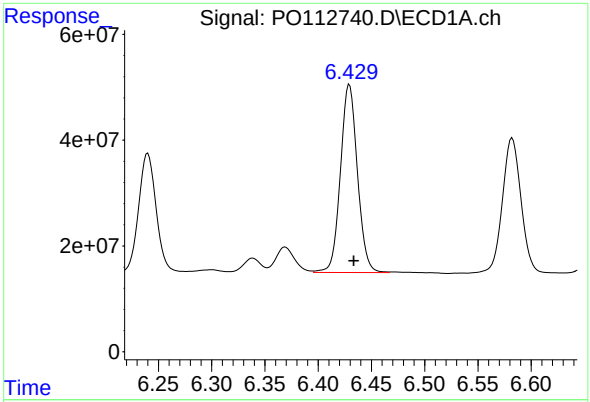
#31 AR-1260-1

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 256461189
Conc: 583.75 ng/ml



#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 137153285
Conc: 551.90 ng/ml



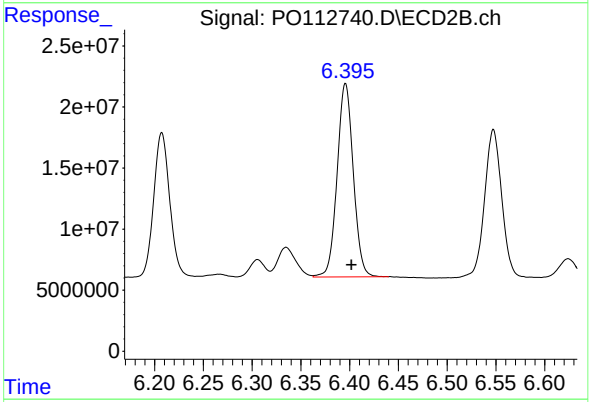
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 395912069
Conc: 575.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

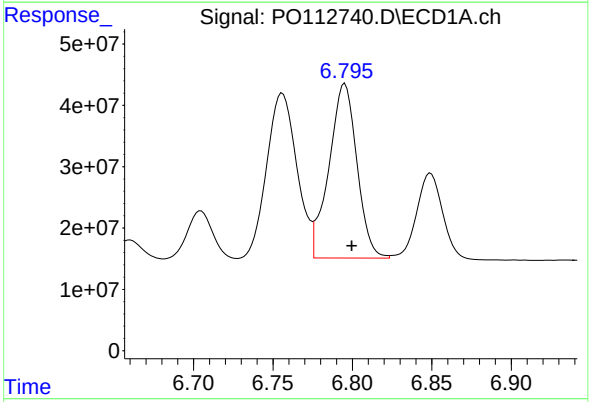
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



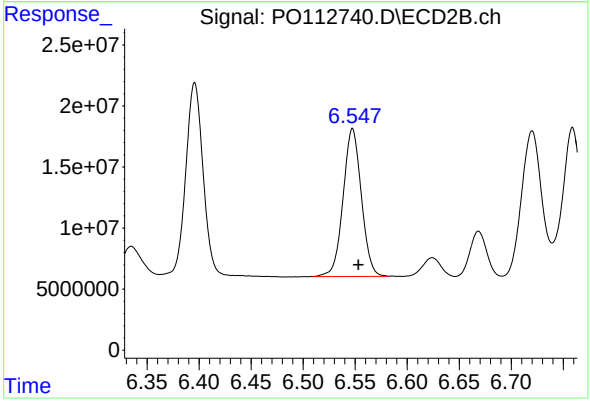
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 182529987
Conc: 553.97 ng/ml



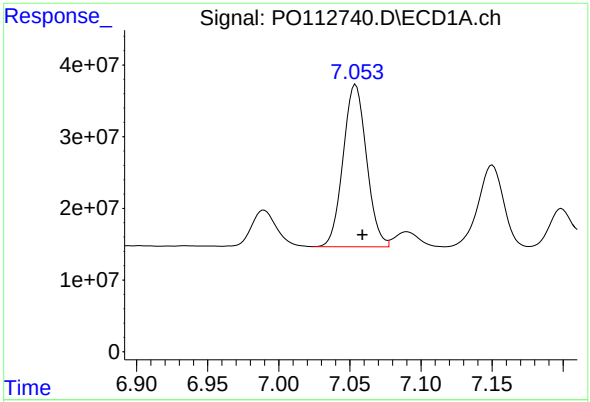
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 346850124
Conc: 589.86 ng/ml m



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 148003919
Conc: 576.07 ng/ml m



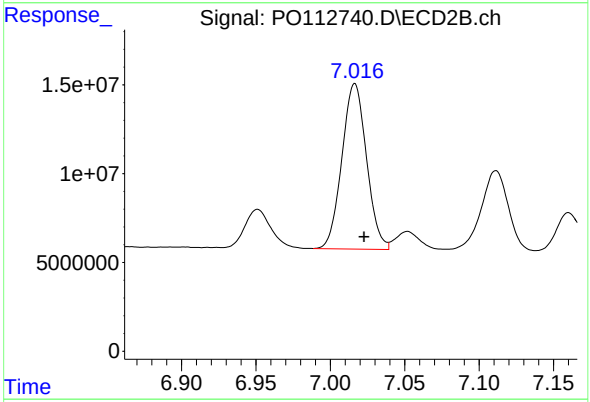
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 259762531
Conc: 575.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

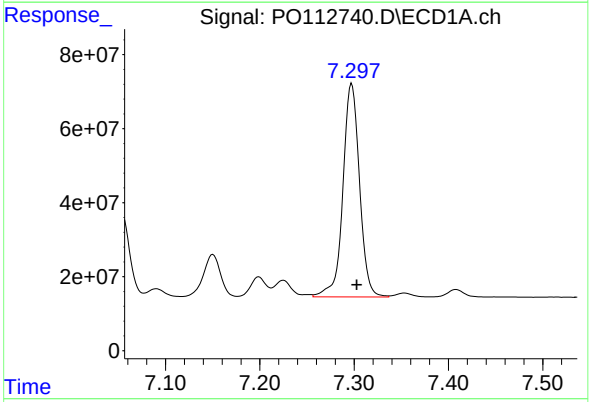
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



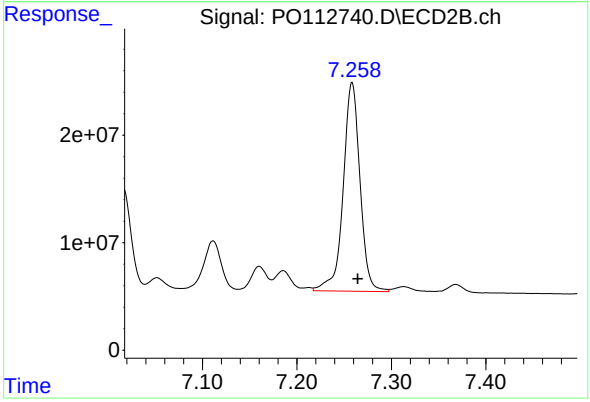
#34 AR-1260-4

R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 107268823
Conc: 560.70 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 706882249
Conc: 570.46 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 239843064
Conc: 581.87 ng/ml

Raw Data: **PO112744.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 10:05 **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)	7.06	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: **PO112744.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 10:05 **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:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112744.D **Time Analyzed:** 10:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.752	4.655	4.855	492.690	500.000	-1.5
Aroclor-1016-2	4.770	4.674	4.874	484.830	500.000	-3.0
Aroclor-1016-3	4.828	4.731	4.931	480.470	500.000	-3.9
Aroclor-1016-4	4.947	4.851	5.051	480.160	500.000	-4.0
Aroclor-1016-5	5.204	5.108	5.308	494.700	500.000	-1.1
Aroclor-1260-1	6.241	6.145	6.345	480.100	500.000	-4.0
Aroclor-1260-2	6.430	6.333	6.533	469.920	500.000	-6.0
Aroclor-1260-3	6.796	6.700	6.900	498.060	500.000	-0.4
Aroclor-1260-4	7.055	6.959	7.159	469.500	500.000	-6.1
Aroclor-1260-5	7.298	7.203	7.403	468.040	500.000	-6.4
Decachlorobiphenyl	8.687	8.593	8.793	45.470	50.000	-9.1
Tetrachloro-m-xylene	3.667	3.569	3.769	48.650	50.000	-2.7

Raw Data: **PO112744.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112744.D **Time Analyzed:** 10:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.733	4.638	4.838	447.870	500.000	-10.4
Aroclor-1016-2	4.751	4.656	4.856	445.070	500.000	-11.0
Aroclor-1016-3	4.926	4.831	5.031	438.480	500.000	-12.3
Aroclor-1016-4	4.968	4.873	5.073	443.220	500.000	-11.4
Aroclor-1016-5	5.180	5.085	5.285	448.020	500.000	-10.4
Aroclor-1260-1	6.208	6.113	6.313	456.840	500.000	-8.6
Aroclor-1260-2	6.396	6.302	6.502	457.410	500.000	-8.5
Aroclor-1260-3	6.547	6.453	6.653	472.500	500.000	-5.5
Aroclor-1260-4	7.017	6.923	7.123	472.330	500.000	-5.5
Aroclor-1260-5	7.259	7.164	7.364	485.130	500.000	-3.0
Decachlorobiphenyl	8.632	8.540	8.740	45.260	50.000	-9.5
Tetrachloro-m-xylene	3.659	3.562	3.762	46.200	50.000	-7.6

Sample Results: **PO112744.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:05
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:07:48 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...	3.667	3.659	395.6E6	229.6E6	48.649	46.197
2)	SA Decachlor...	8.687	8.632	332.5E6	79983966	45.469m	45.263
	Target Compounds						
3)	L1 AR-1016-1	4.752	4.733	132.2E6	78380255	492.691	447.869
4)	L1 AR-1016-2	4.770	4.751	196.9E6	115.9E6	484.827	445.065
5)	L1 AR-1016-3	4.828	4.926	125.7E6	59618151	480.471	438.477
6)	L1 AR-1016-4	4.947	4.968	101.7E6	49235193	480.164	443.222
7)	L1 AR-1016-5	5.204	5.180	108.6E6	64202669	494.700	448.020
31)	L7 AR-1260-1	6.241	6.208	210.9E6	113.5E6	480.105	456.836
32)	L7 AR-1260-2	6.430	6.396	323.3E6	150.7E6	469.923	457.415
33)	L7 AR-1260-3	6.796	6.547	292.9E6	121.4E6	498.062	472.504m
34)	L7 AR-1260-4	7.055	7.017	211.7E6	90360893	469.496	472.325
35)	L7 AR-1260-5	7.298	7.259	580.0E6	200.0E6	468.045	485.128

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:05
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

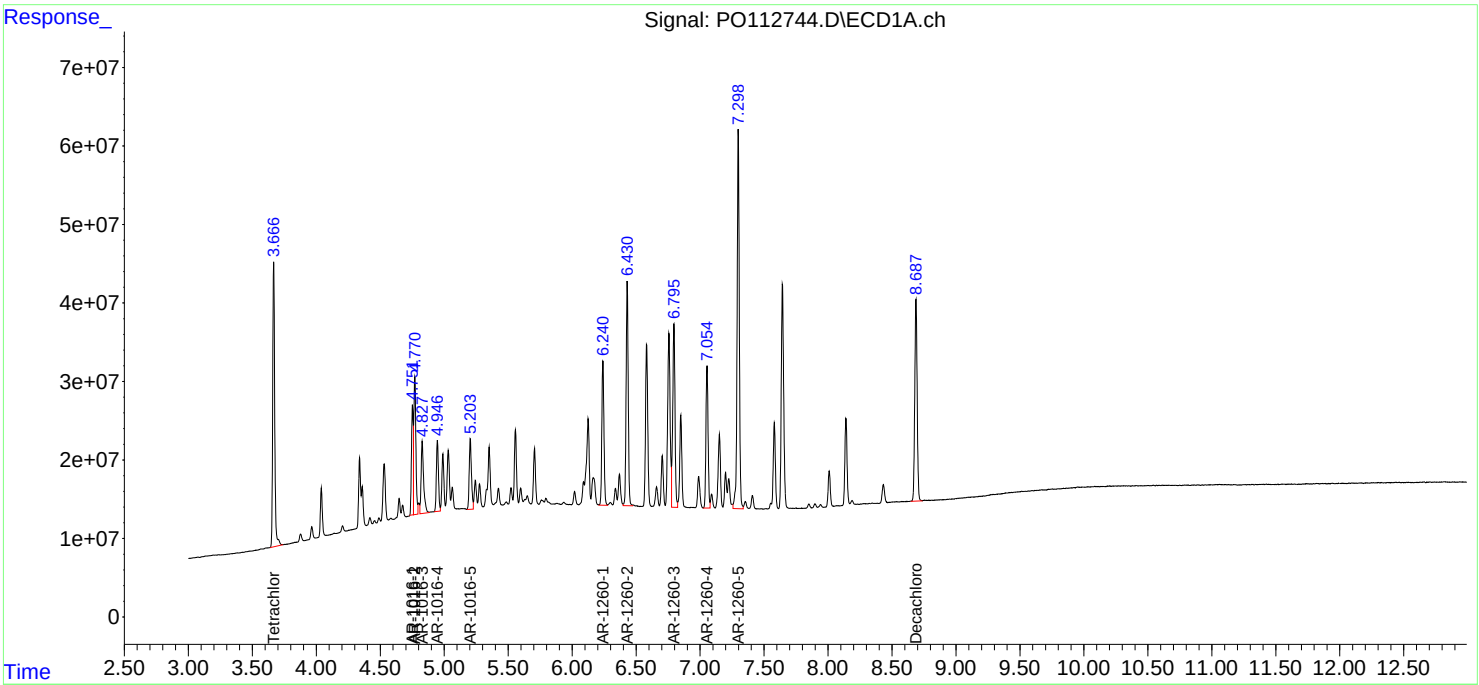
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

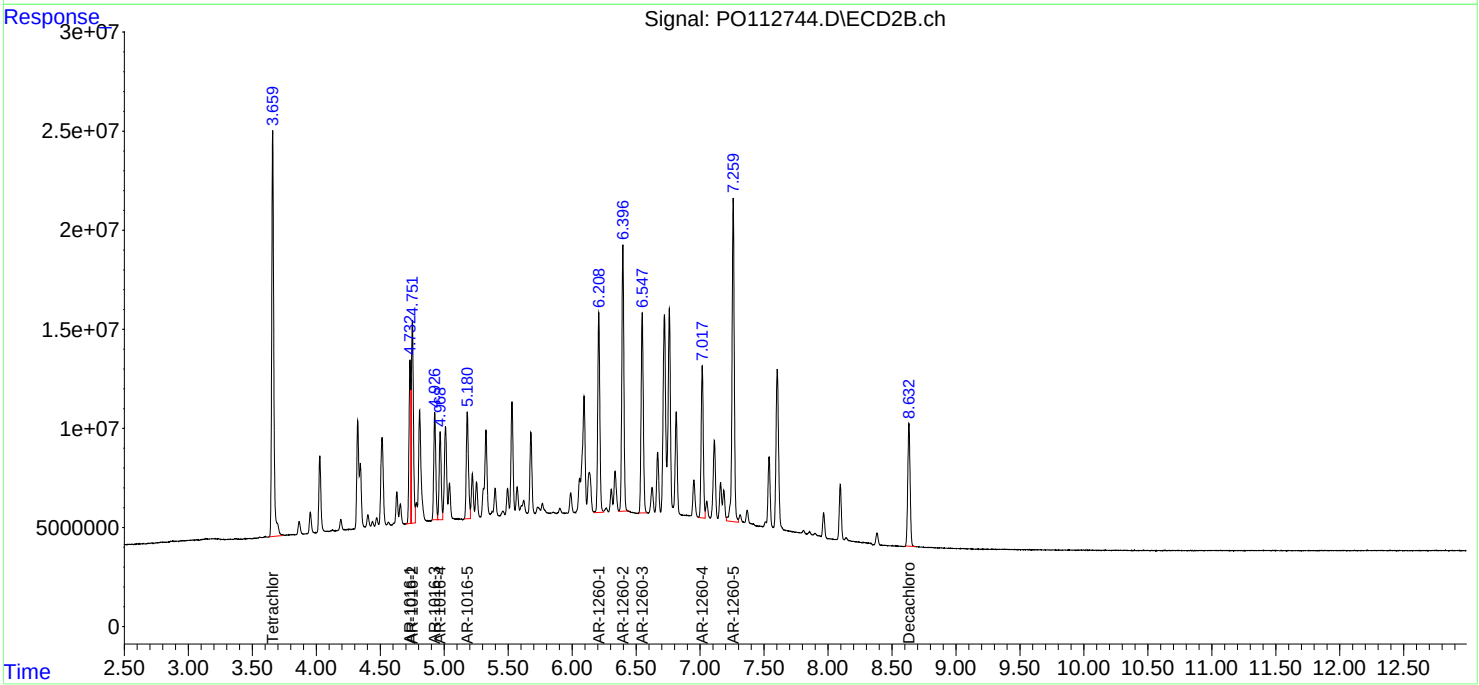
Manual Integrations APPROVED

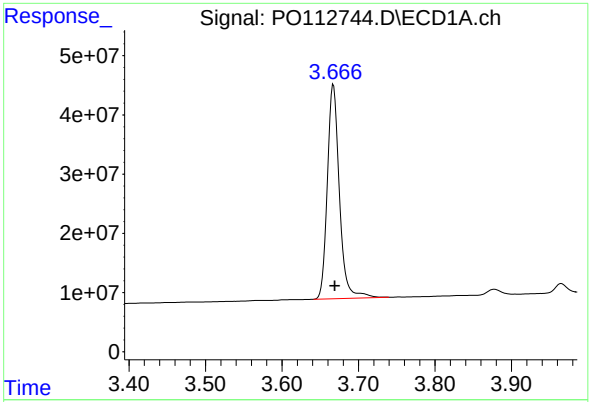
Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:07:48 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







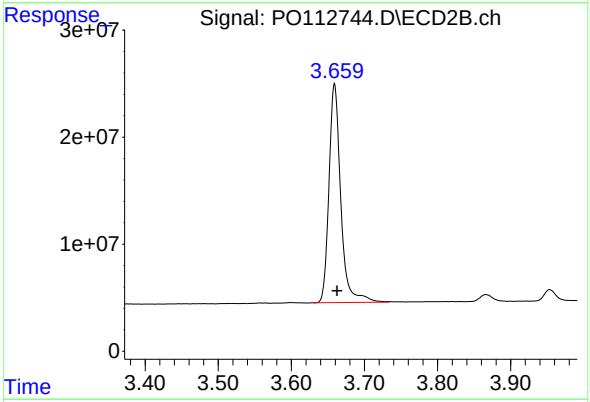
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 395588761
Conc: 48.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

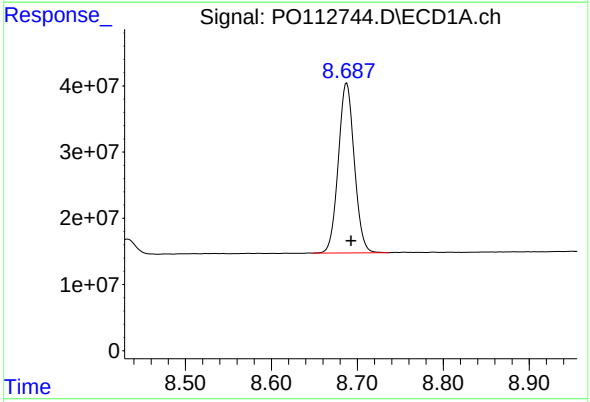
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



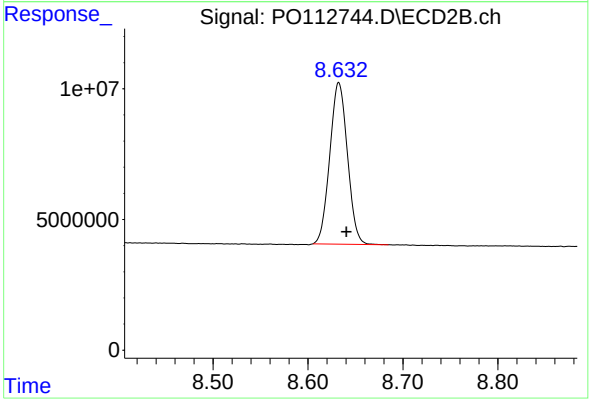
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 229560108
Conc: 46.20 ng/ml



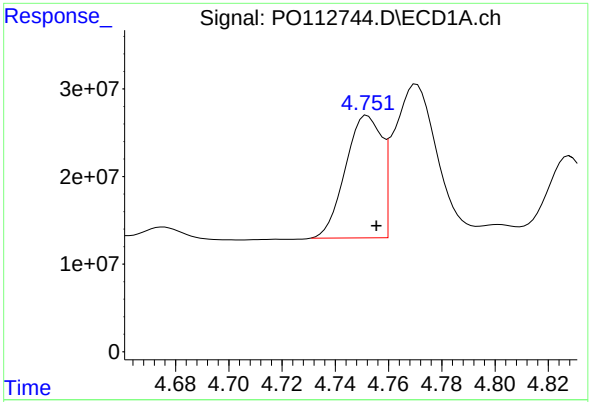
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 332463447
Conc: 45.47 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 79983966
Conc: 45.26 ng/ml



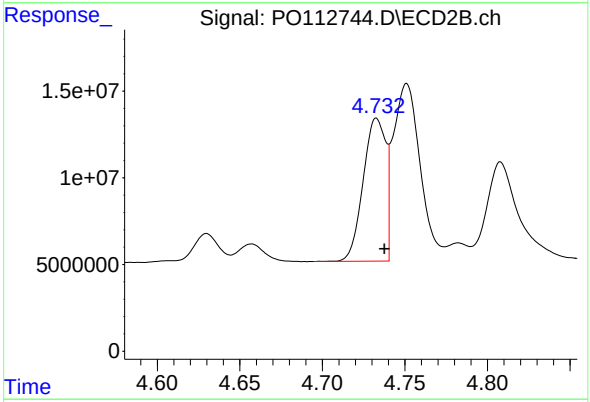
#3 AR-1016-1

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 132221514
Conc: 492.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

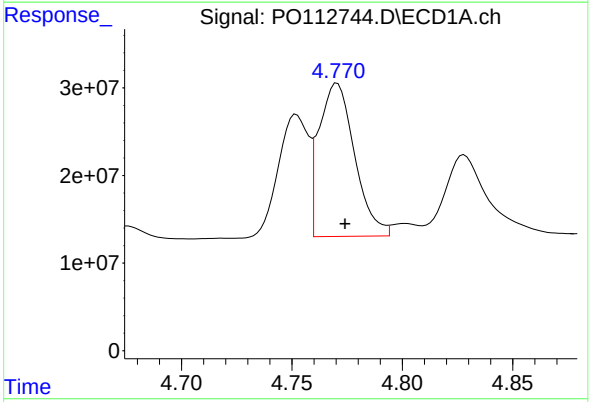
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



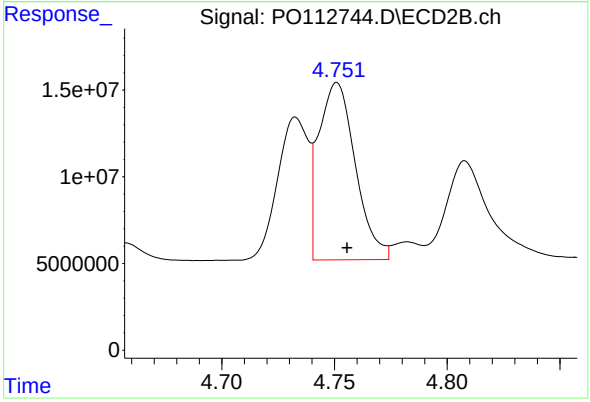
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 78380255
Conc: 447.87 ng/ml



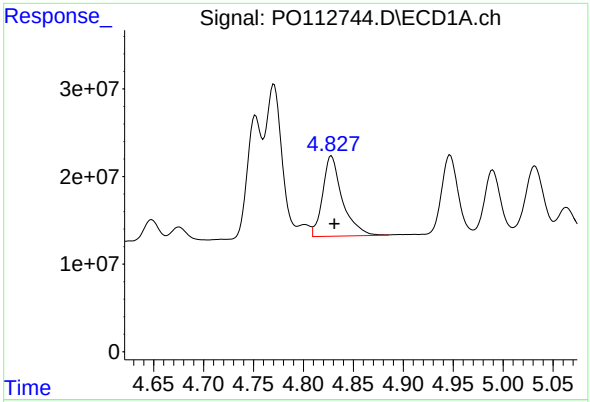
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 196896710
Conc: 484.83 ng/ml



#4 AR-1016-2

R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 115937294
Conc: 445.07 ng/ml



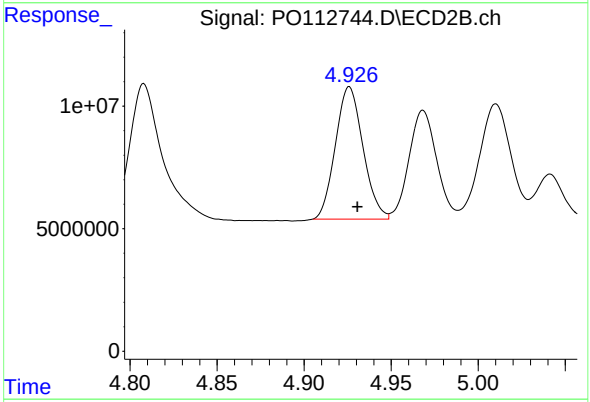
#5 AR-1016-3

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 125726737
Conc: 480.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

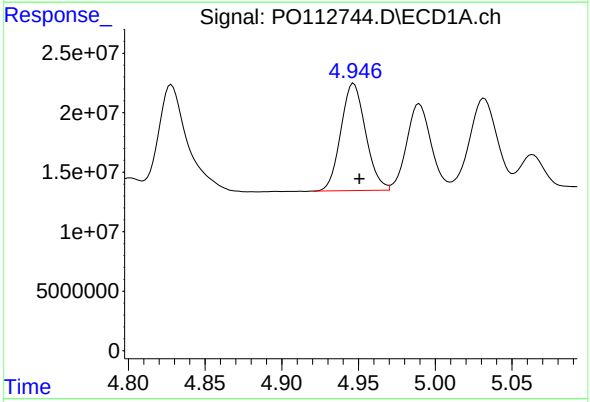
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



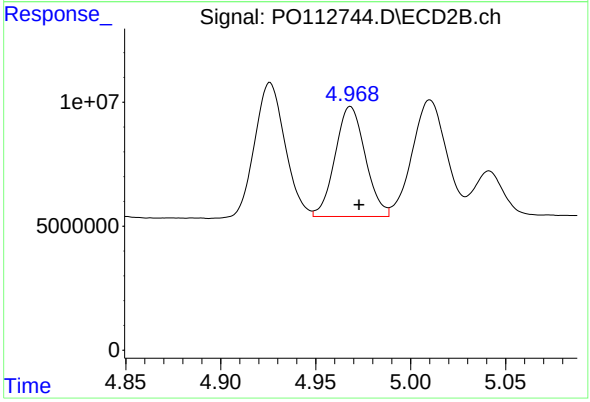
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 59618151
Conc: 438.48 ng/ml



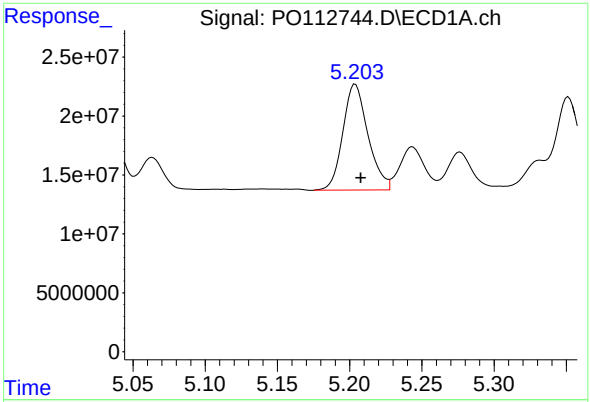
#6 AR-1016-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 101718677
Conc: 480.16 ng/ml



#6 AR-1016-4

R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 49235193
Conc: 443.22 ng/ml



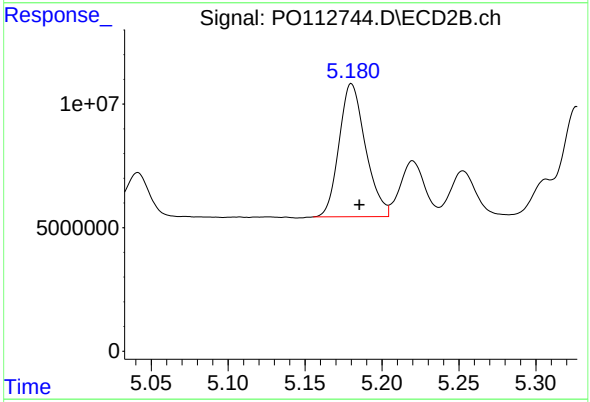
#7 AR-1016-5

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 108572106
Conc: 494.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

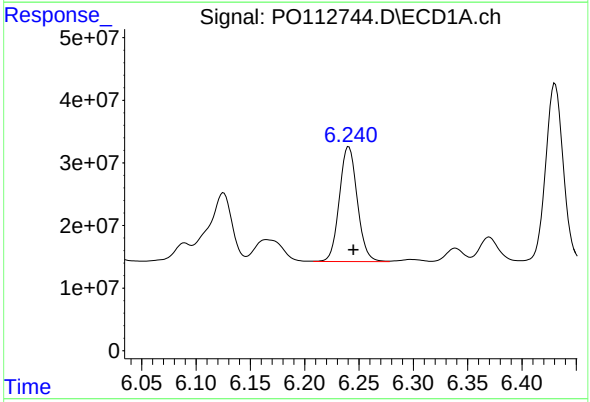
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



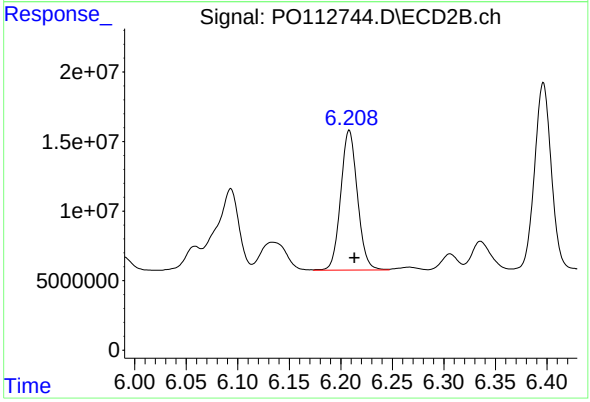
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 64202669
Conc: 448.02 ng/ml



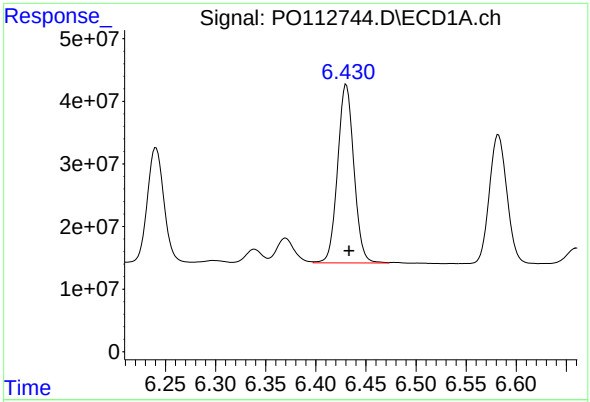
#31 AR-1260-1

R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 210924853
Conc: 480.10 ng/ml



#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 113528906
Conc: 456.84 ng/ml



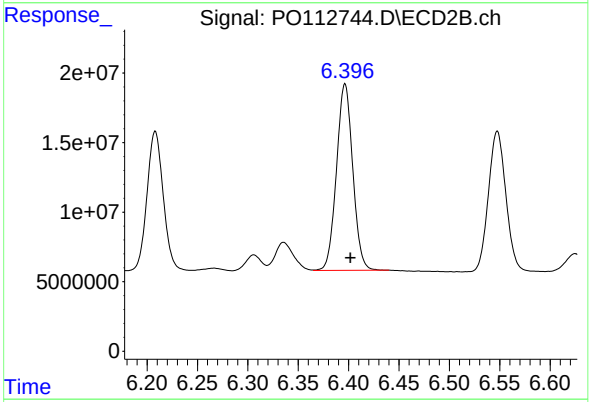
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 323257193
Conc: 469.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

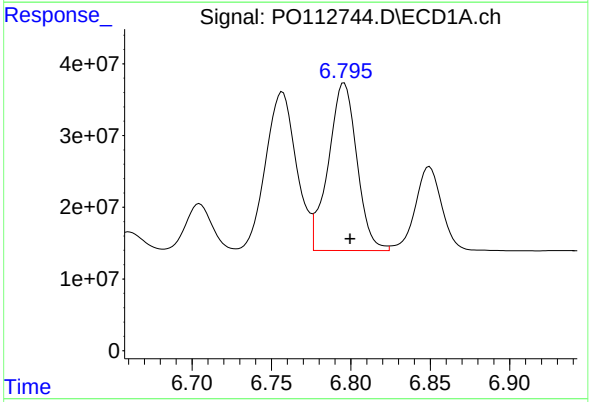
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



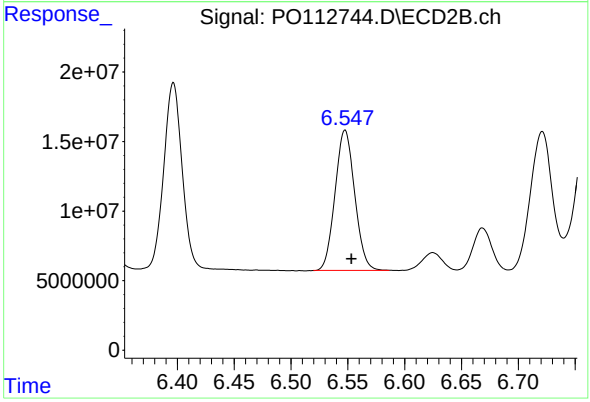
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 150715175
Conc: 457.41 ng/ml



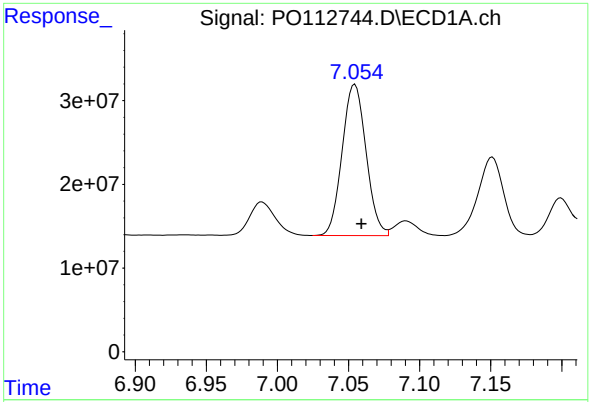
#33 AR-1260-3

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 292869997
Conc: 498.06 ng/ml



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 121396299
Conc: 472.50 ng/ml m



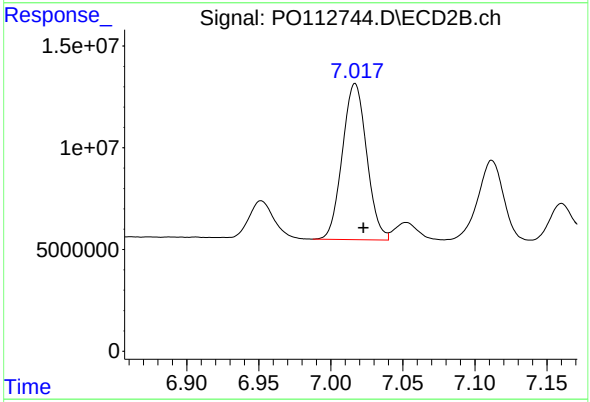
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 211744976
Conc: 469.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

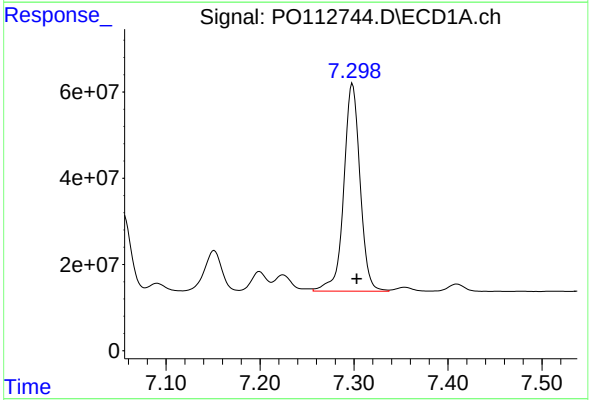
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



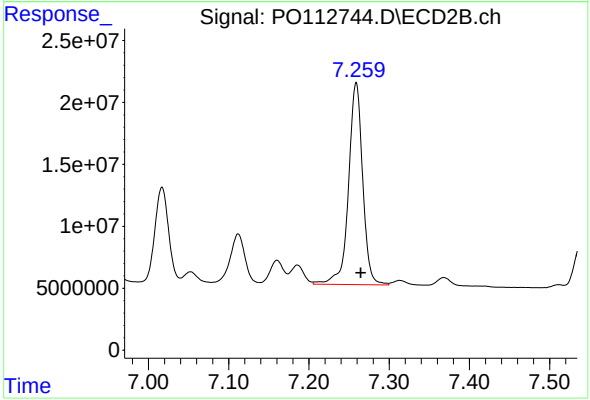
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 90360893
Conc: 472.33 ng/ml



#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.004 min
Response: 579972155
Conc: 468.04 ng/ml



#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 199966578
Conc: 485.13 ng/ml

Raw Data: **PP074203.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 09:20 **Initial Calibration Time(s):** 12:05 21:00

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01

Raw Data: **PP074203.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 09:20 **Initial Calibration Time(s):** 12:05 21:00

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	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)	5.34	5.34	5.24	5.44	0.00
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	0.00
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074203.D **Time Analyzed:** 09:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.808	5.712	5.912	518.450	500.000	3.7
Aroclor-1016-2	5.830	5.733	5.933	519.980	500.000	4.0
Aroclor-1016-3	5.893	5.796	5.996	527.530	500.000	5.5
Aroclor-1016-4	5.990	5.893	6.093	530.670	500.000	6.1
Aroclor-1016-5	6.282	6.186	6.386	519.430	500.000	3.9
Aroclor-1260-1	7.399	7.303	7.503	514.320	500.000	2.9
Aroclor-1260-2	7.652	7.555	7.755	493.090	500.000	-1.4
Aroclor-1260-3	8.010	7.913	8.113	500.890	500.000	0.2
Aroclor-1260-4	8.238	8.142	8.342	508.010	500.000	1.6
Aroclor-1260-5	8.563	8.468	8.668	493.510	500.000	-1.3
Decachlorobiphenyl	10.433	10.338	10.538	50.720	50.000	1.4
Tetrachloro-m-xylene	4.657	4.560	4.760	54.520	50.000	9.0

Raw Data: **PP074203.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074203.D **Time Analyzed:** 09:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.904	4.806	5.006	514.160	500.000	2.8
Aroclor-1016-2	4.961	4.863	5.063	520.690	500.000	4.1
Aroclor-1016-3	5.081	4.983	5.183	507.050	500.000	1.4
Aroclor-1016-4	5.122	5.023	5.223	508.480	500.000	1.7
Aroclor-1016-5	5.336	5.239	5.439	526.840	500.000	5.4
Aroclor-1260-1	6.553	6.455	6.655	492.160	500.000	-1.6
Aroclor-1260-2	6.707	6.609	6.809	490.910	500.000	-1.8
Aroclor-1260-3	6.918	6.819	7.019	501.210	500.000	0.2
Aroclor-1260-4	7.177	7.079	7.279	490.060	500.000	-2.0
Aroclor-1260-5	7.416	7.318	7.518	509.190	500.000	1.8
Decachlorobiphenyl	8.823	8.726	8.926	48.830	50.000	-2.3
Tetrachloro-m-xylene	3.803	3.705	3.905	52.420	50.000	4.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 09:20
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 04 14:03:11 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	3.803	60968273	201.0E6	54.518	52.415
2)	SA	Decachlor...	10.433	8.823	49259476	293.7E6	50.722	48.834
	Target Compounds							
3)	L1	AR-1016-1	5.808	4.904	21389663	205.1E6	518.452	514.160
4)	L1	AR-1016-2	5.830	4.961	31584695	97789539	519.983	520.686
5)	L1	AR-1016-3	5.893	5.081	20922057	53782458	527.529	507.049
6)	L1	AR-1016-4	5.990	5.122	17270383	55536638	530.670	508.484
7)	L1	AR-1016-5	6.282	5.336	16864882	61620500	519.430	526.836
31)	L7	AR-1260-1	7.399	6.553	28984796	198.8E6	514.315	492.161
32)	L7	AR-1260-2	7.652	6.707	33605290	153.5E6	493.091	490.913
33)	L7	AR-1260-3	8.010	6.918	26695182	197.5E6	500.886	501.208
34)	L7	AR-1260-4	8.238	7.177	31809140	142.6E6	508.012	490.065
35)	L7	AR-1260-5	8.563	7.416	55916860	385.7E6	493.508	509.192

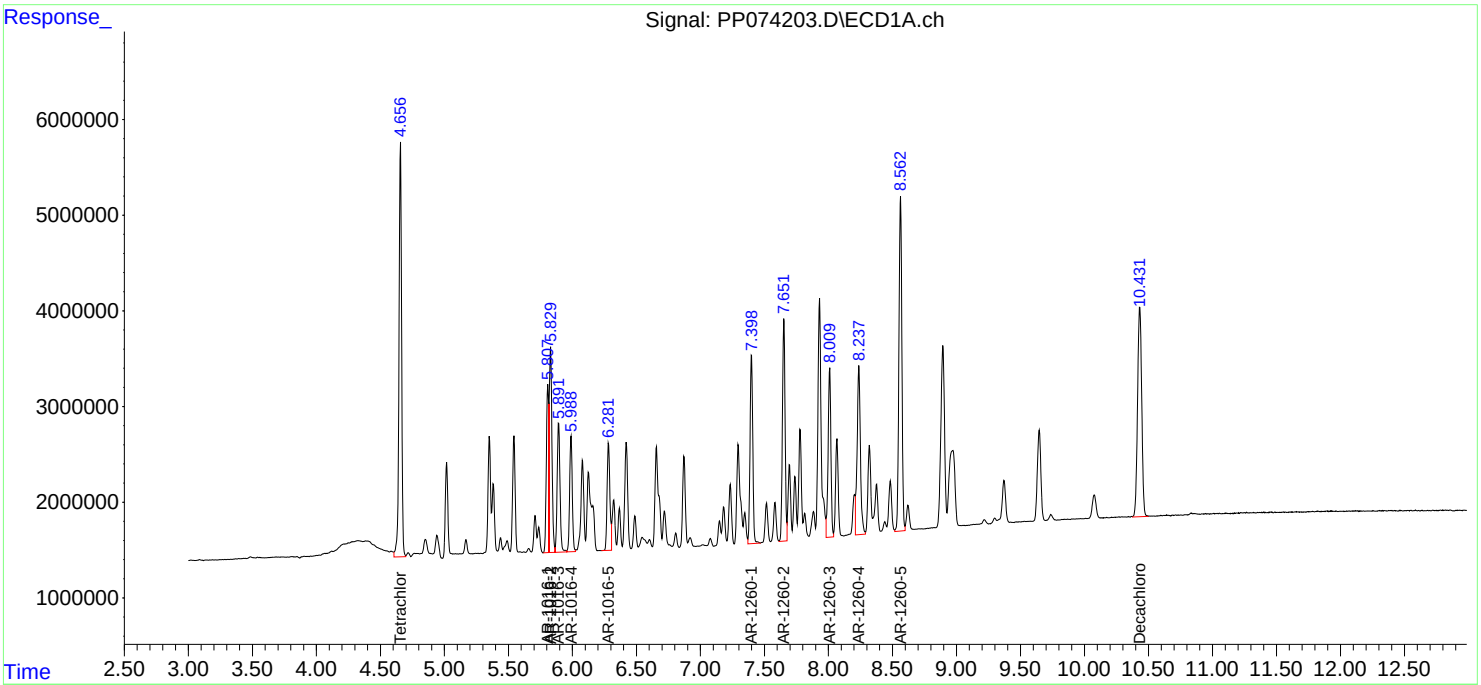
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

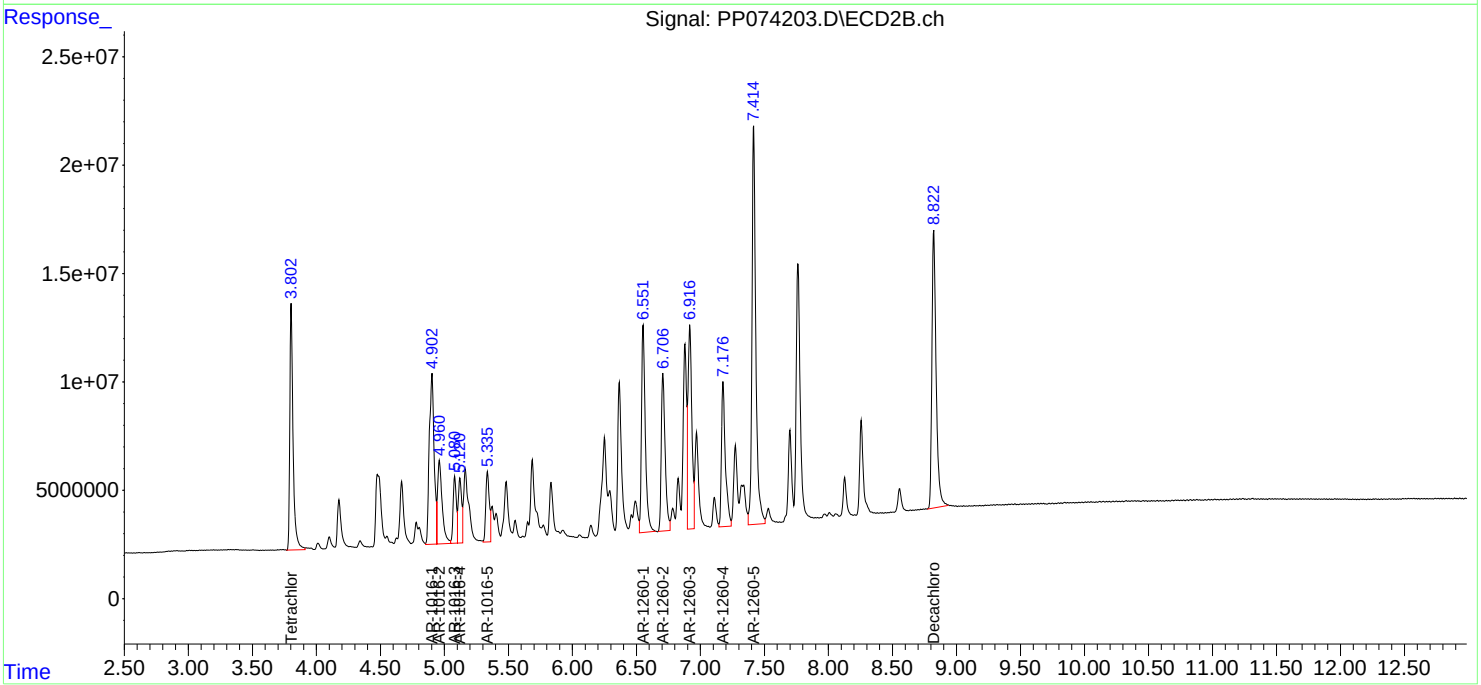
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 09:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

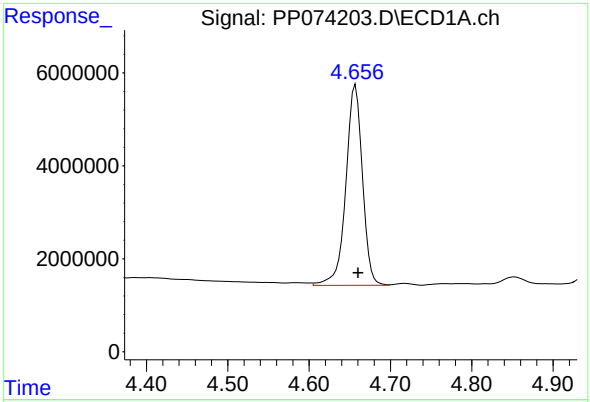
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:03:11 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



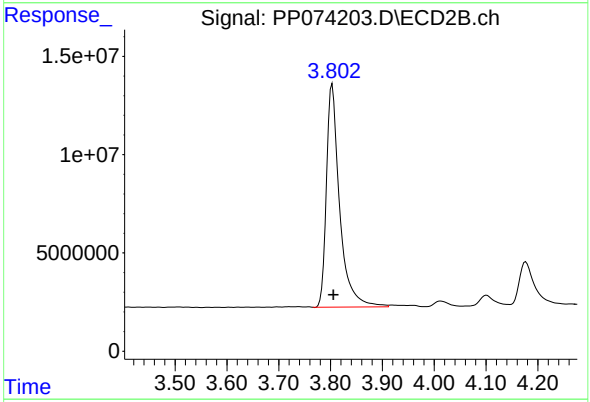




#1 Tetrachloro-m-xylene

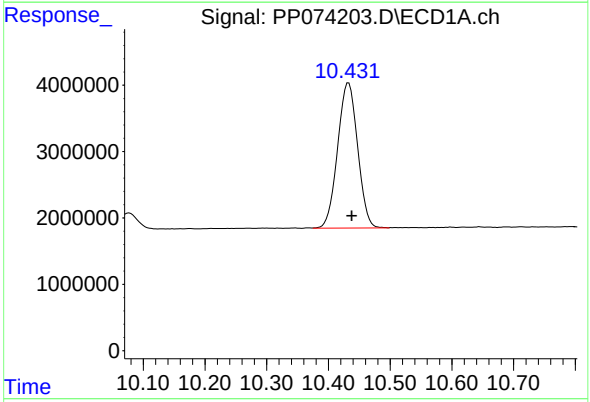
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 60968273
Conc: 54.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



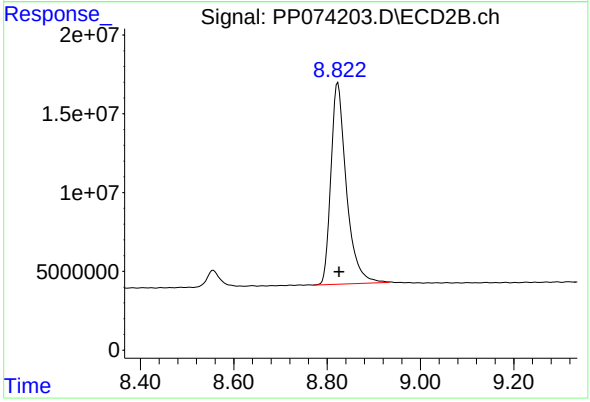
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 200981920
Conc: 52.42 ng/ml



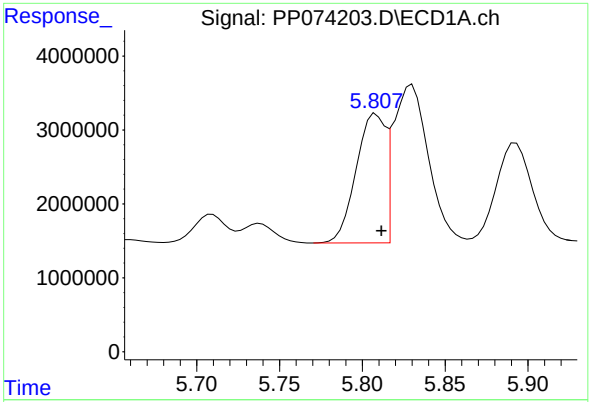
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.005 min
Response: 49259476
Conc: 50.72 ng/ml



#2 Decachlorobiphenyl

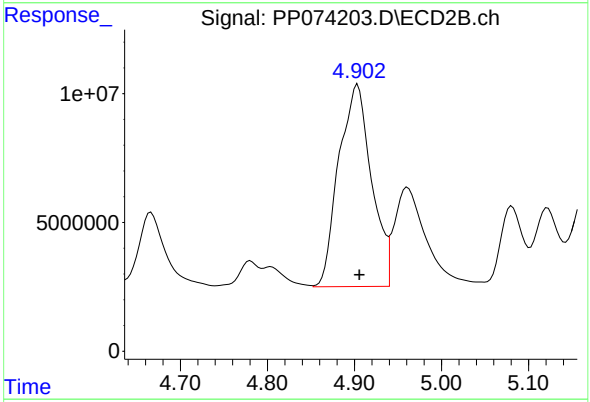
R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 293670163
Conc: 48.83 ng/ml



#3 AR-1016-1

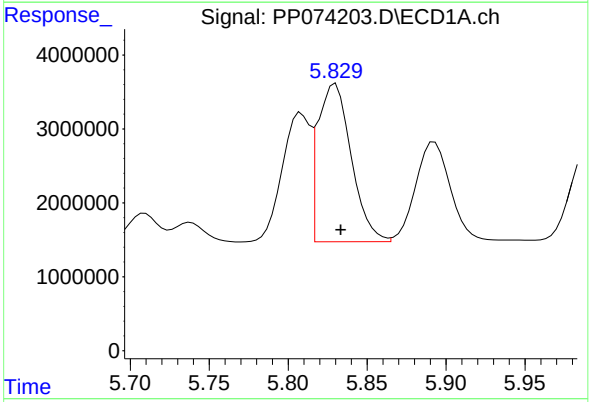
R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 21389663
Conc: 518.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



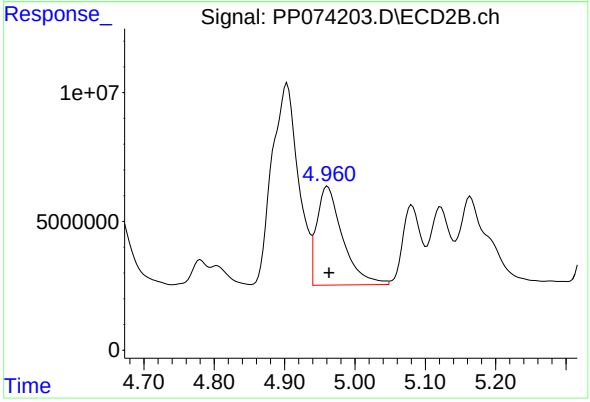
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 205091840
Conc: 514.16 ng/ml



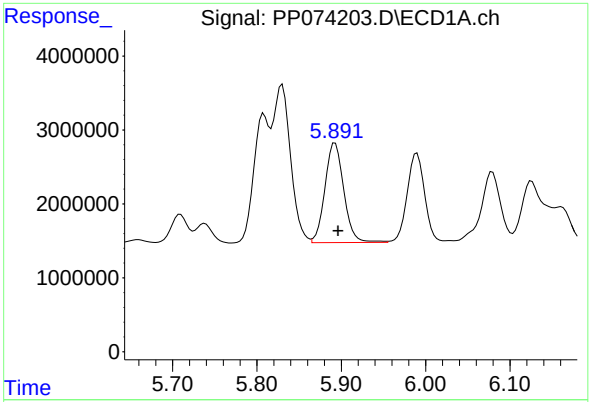
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 31584695
Conc: 519.98 ng/ml



#4 AR-1016-2

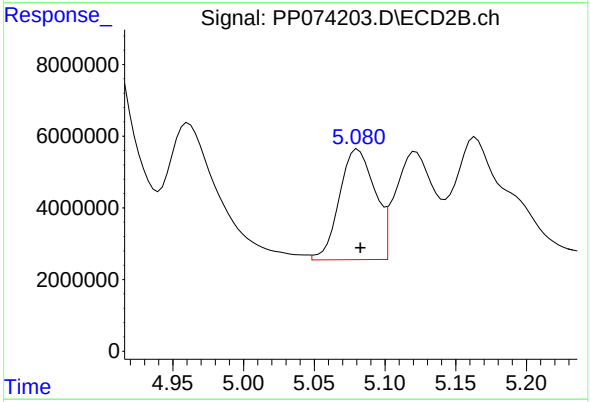
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 97789539
Conc: 520.69 ng/ml



#5 AR-1016-3

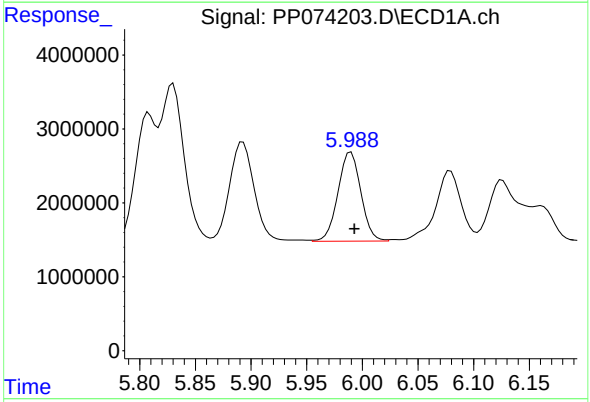
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 20922057
Conc: 527.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



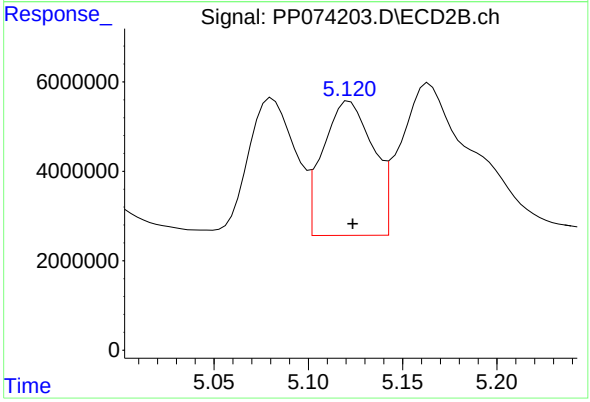
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 53782458
Conc: 507.05 ng/ml



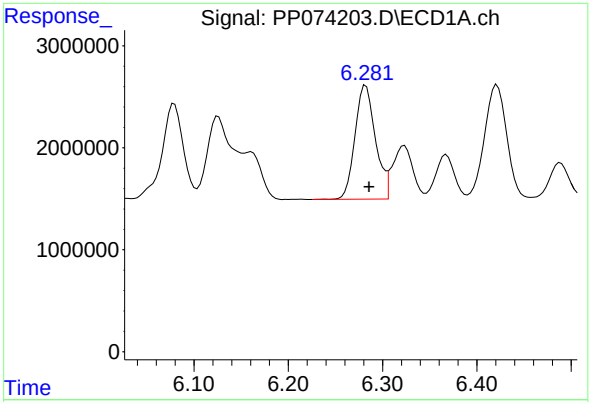
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 17270383
Conc: 530.67 ng/ml



#6 AR-1016-4

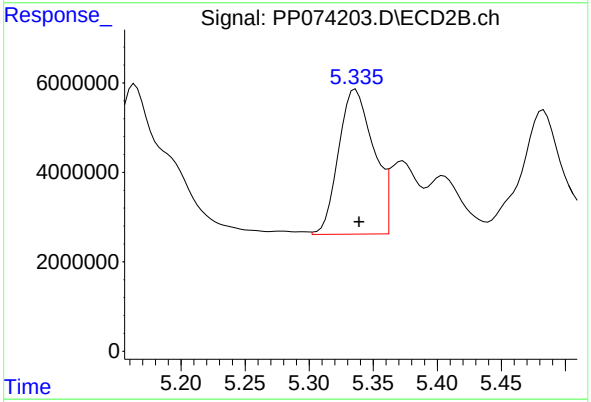
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 55536638
Conc: 508.48 ng/ml



#7 AR-1016-5

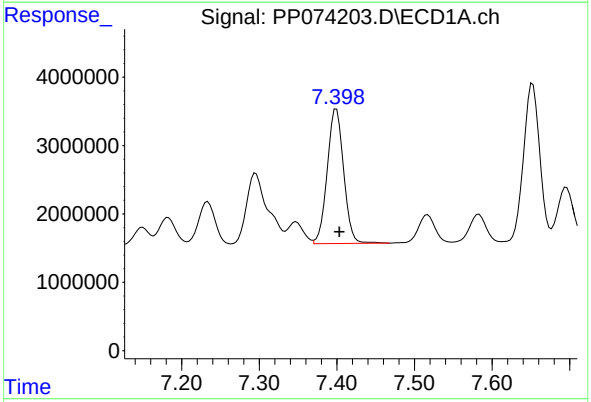
R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 16864882
Conc: 519.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



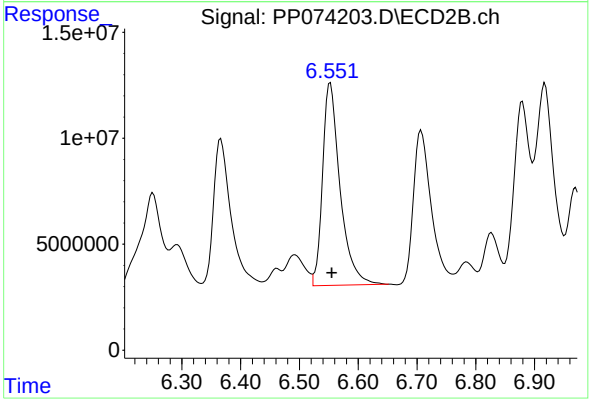
#7 AR-1016-5

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 61620500
Conc: 526.84 ng/ml



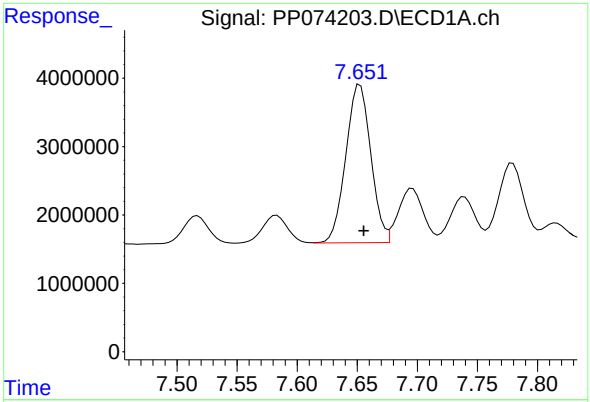
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 28984796
Conc: 514.32 ng/ml



#31 AR-1260-1

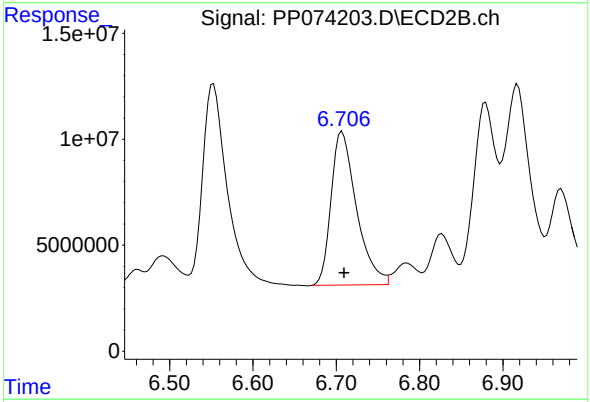
R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 198811981
Conc: 492.16 ng/ml



#32 AR-1260-2

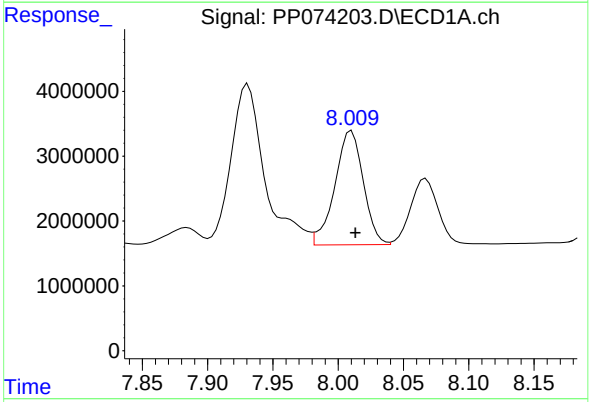
R.T.: 7.652 min
Delta R.T.: -0.003 min
Response: 33605290
Conc: 493.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



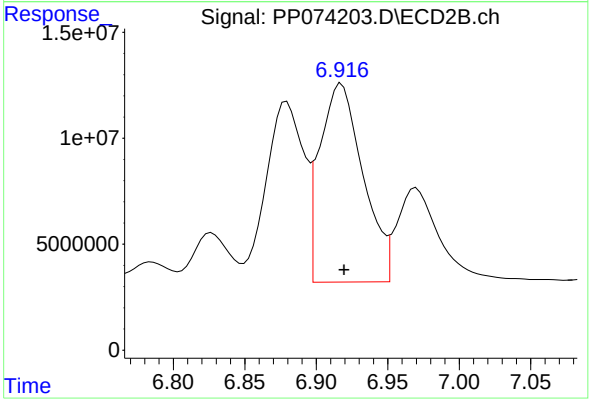
#32 AR-1260-2

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 153508031
Conc: 490.91 ng/ml



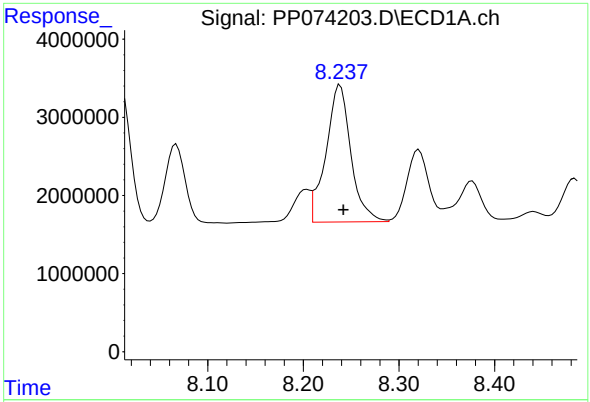
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 26695182
Conc: 500.89 ng/ml



#33 AR-1260-3

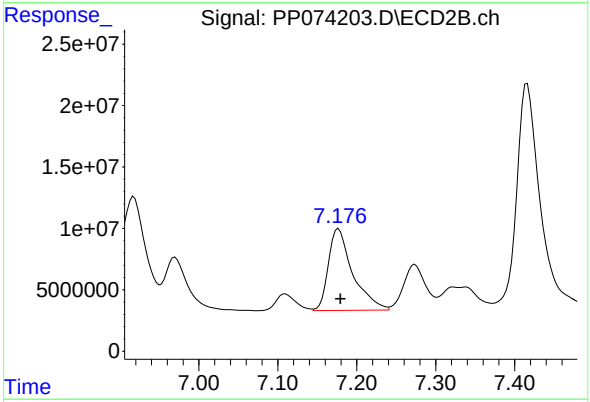
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 197535268
Conc: 501.21 ng/ml



#34 AR-1260-4

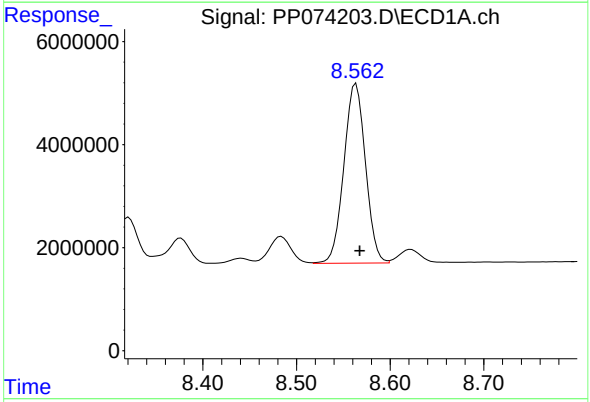
R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 31809140
Conc: 508.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



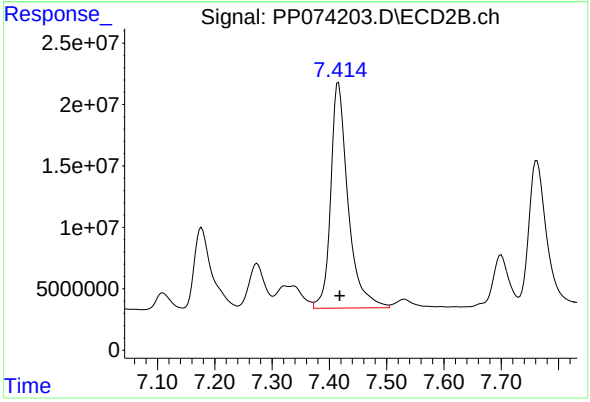
#34 AR-1260-4

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 142598699
Conc: 490.06 ng/ml



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 55916860
Conc: 493.51 ng/ml



#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 385667292
Conc: 509.19 ng/ml

Raw Data: **PP074214.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:02 **Initial Calibration Time(s):** 12:05 21:00

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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)	6.28	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: **PP074214.D**

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/04/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:02 **Initial Calibration Time(s):** 12:05 21:00

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)	4.91	4.91	4.81	5.01	0.00
Aroclor-1016-2	(2)	4.97	4.96	4.86	5.06	-0.01
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.13	5.12	5.02	5.22	-0.01
Aroclor-1016-5	(5)	5.34	5.34	5.24	5.44	0.00
Aroclor-1260-1	(1)	6.56	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	0.00
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.83	8.83	8.73	8.93	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL06 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074214.D **Time Analyzed:** 15:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.810	5.712	5.912	518.860	500.000	3.8
Aroclor-1016-2	5.832	5.733	5.933	528.460	500.000	5.7
Aroclor-1016-3	5.895	5.796	5.996	526.530	500.000	5.3
Aroclor-1016-4	5.992	5.893	6.093	529.720	500.000	5.9
Aroclor-1016-5	6.284	6.186	6.386	528.550	500.000	5.7
Aroclor-1260-1	7.401	7.303	7.503	520.430	500.000	4.1
Aroclor-1260-2	7.654	7.555	7.755	502.070	500.000	0.4
Aroclor-1260-3	8.012	7.913	8.113	509.260	500.000	1.9
Aroclor-1260-4	8.240	8.142	8.342	513.110	500.000	2.6
Aroclor-1260-5	8.565	8.468	8.668	501.760	500.000	0.4
Decachlorobiphenyl	10.435	10.338	10.538	51.610	50.000	3.2
Tetrachloro-m-xylene	4.660	4.560	4.760	52.820	50.000	5.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL06 **Date Analyzed:** 08/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074214.D **Time Analyzed:** 15:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.907	4.806	5.006	538.570	500.000	7.7
Aroclor-1016-2	4.965	4.863	5.063	536.500	500.000	7.3
Aroclor-1016-3	5.084	4.983	5.183	538.190	500.000	7.6
Aroclor-1016-4	5.125	5.023	5.223	541.020	500.000	8.2
Aroclor-1016-5	5.340	5.239	5.439	541.120	500.000	8.2
Aroclor-1260-1	6.555	6.455	6.655	522.820	500.000	4.6
Aroclor-1260-2	6.710	6.609	6.809	514.440	500.000	2.9
Aroclor-1260-3	6.921	6.819	7.019	531.650	500.000	6.3
Aroclor-1260-4	7.180	7.079	7.279	523.920	500.000	4.8
Aroclor-1260-5	7.419	7.318	7.518	531.100	500.000	6.2
Decachlorobiphenyl	8.825	8.726	8.926	51.460	50.000	2.9
Tetrachloro-m-xylene	3.807	3.705	3.905	56.600	50.000	13.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 15:02
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 04 15:52:42 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	3.807	59070365	217.0E6	52.821	56.596
2)	SA Decachlor...	10.435	8.825	50123908	309.4E6	51.612	51.456
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.907	21406633	214.8E6	518.863	538.573
4)	L1 AR-1016-2	5.832	4.965	32099832	100.8E6	528.464	536.501
5)	L1 AR-1016-3	5.895	5.084	20882625	57085746	526.534	538.191
6)	L1 AR-1016-4	5.992	5.125	17239425	59089868	529.719	541.017
7)	L1 AR-1016-5	6.284	5.340	17161147	63291325	528.555	541.121
31)	L7 AR-1260-1	7.401	6.555	29329401	211.2E6	520.430	522.815
32)	L7 AR-1260-2	7.654	6.710	34217562	160.9E6	502.074	514.439
33)	L7 AR-1260-3	8.012	6.921	27141432	209.5E6	509.259	531.647
34)	L7 AR-1260-4	8.240	7.180	32128117	152.4E6	513.106	523.917
35)	L7 AR-1260-5	8.565	7.419	56851498	402.3E6	501.757	531.101

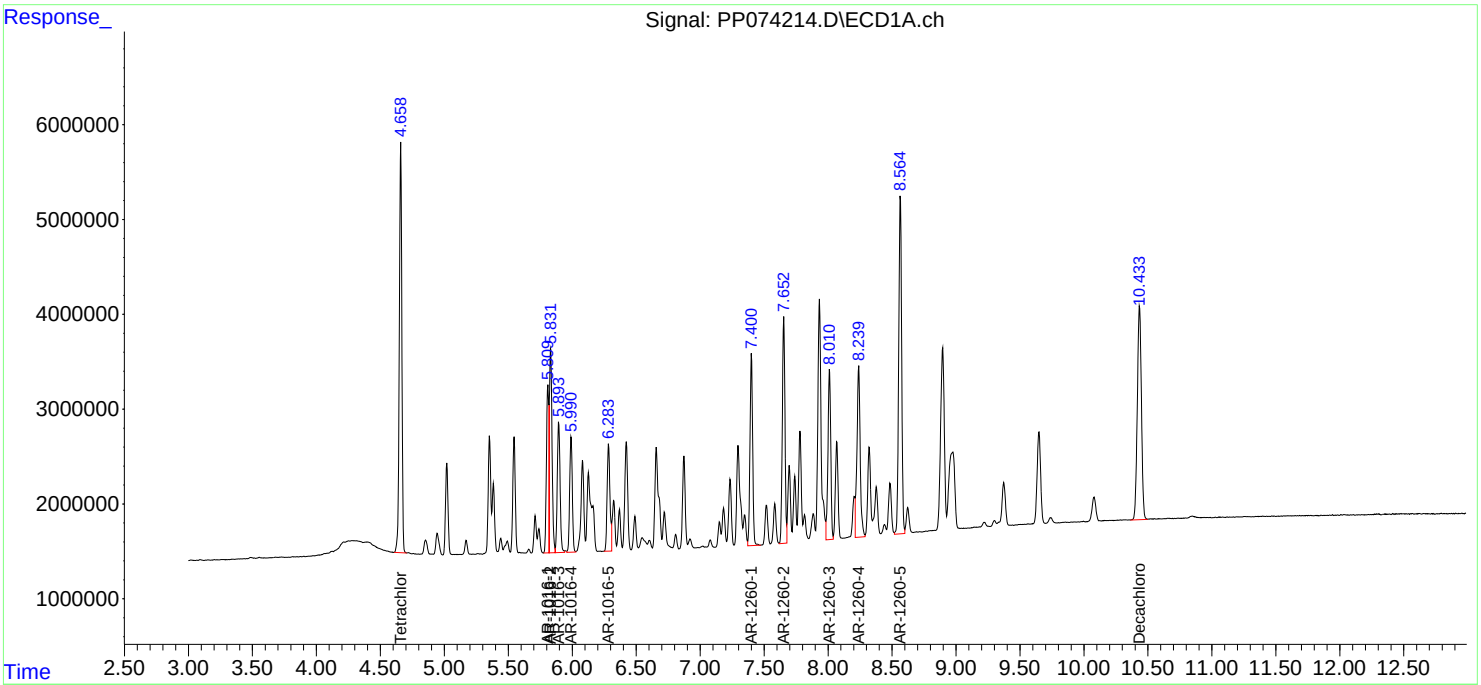
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

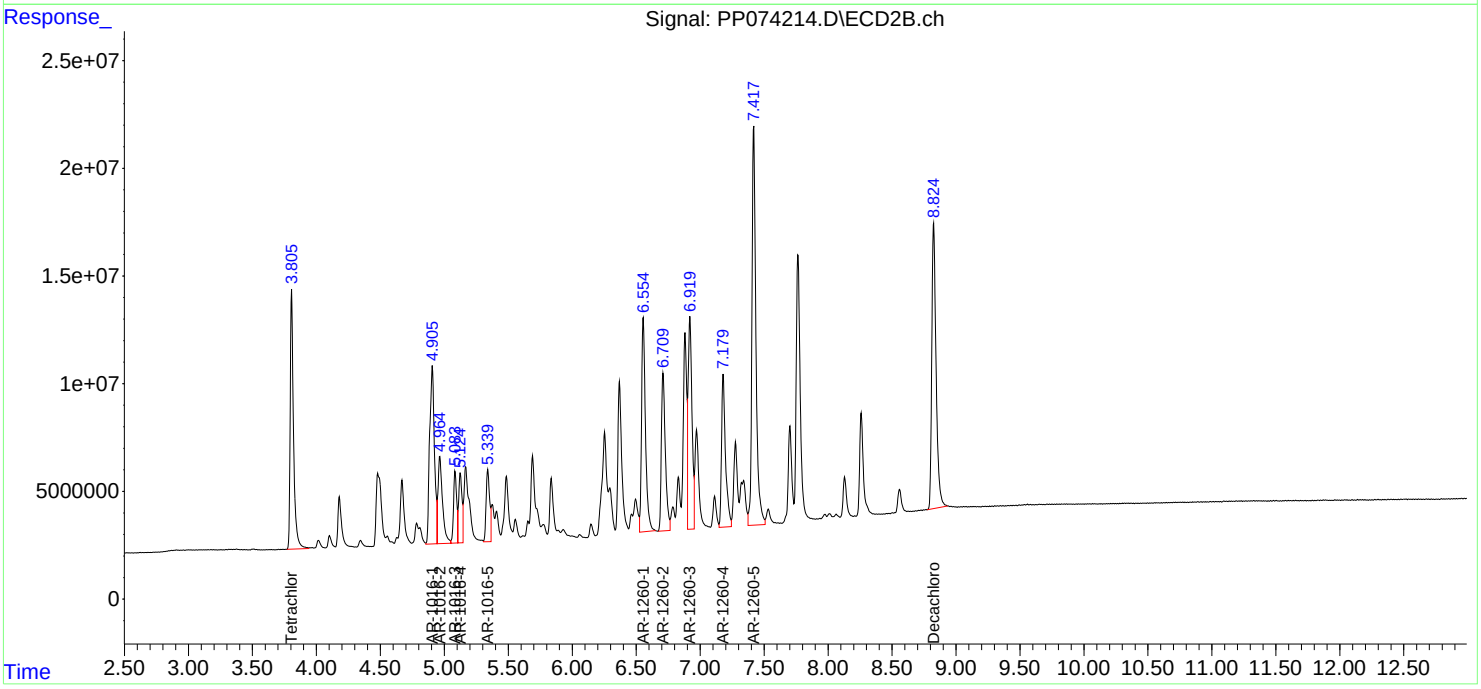
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 15:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

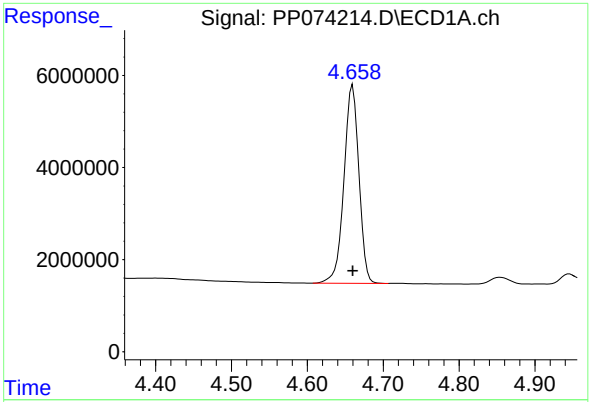
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 15:52:42 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



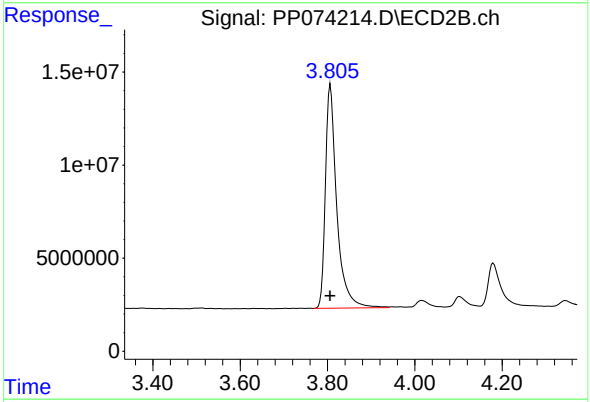




#1 Tetrachloro-m-xylene

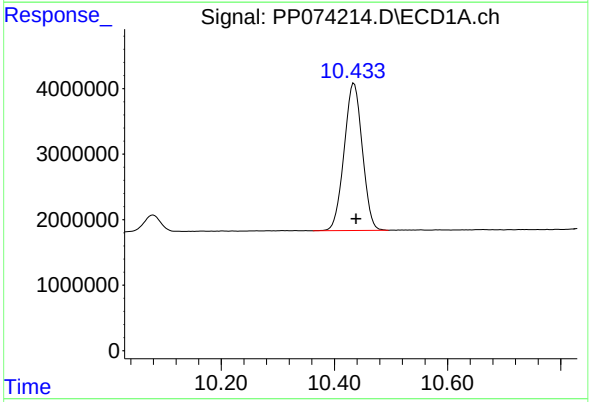
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 59070365
Conc: 52.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



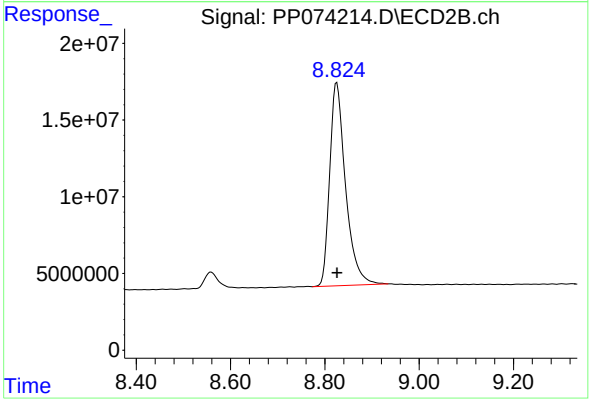
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.001 min
Response: 217011325
Conc: 56.60 ng/ml



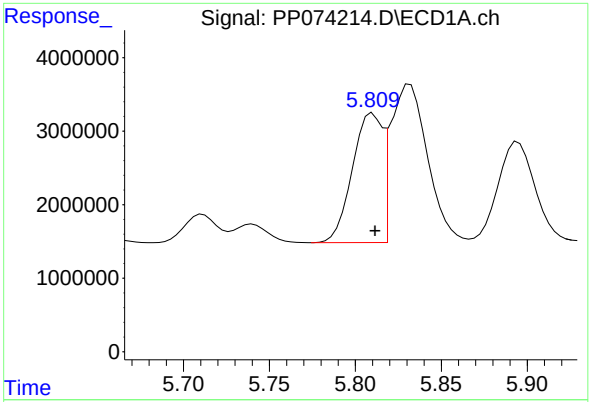
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 50123908
Conc: 51.61 ng/ml



#2 Decachlorobiphenyl

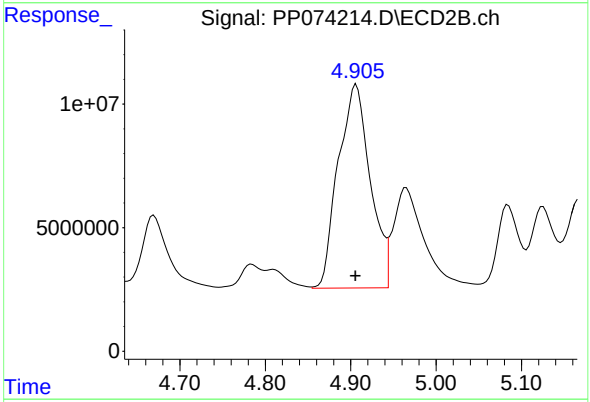
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 309434630
Conc: 51.46 ng/ml



#3 AR-1016-1

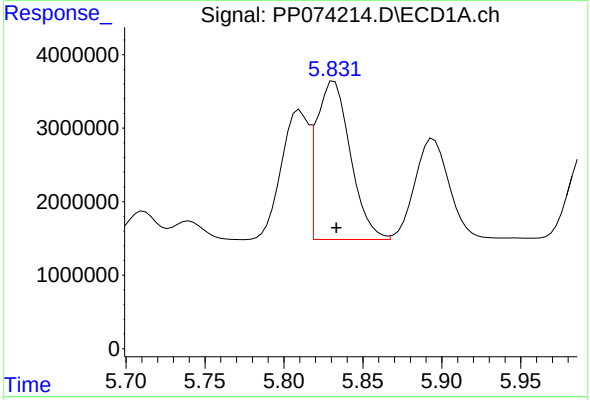
R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 21406633
Conc: 518.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



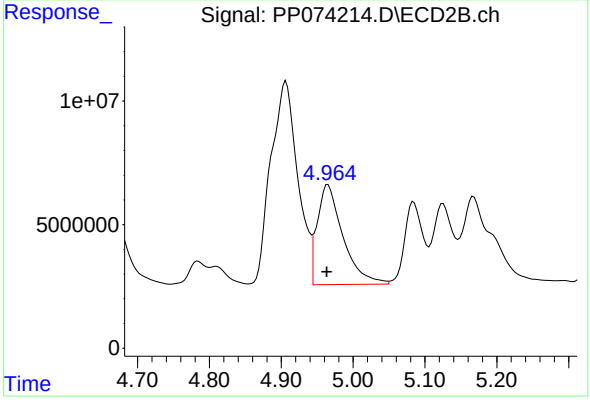
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 214829766
Conc: 538.57 ng/ml



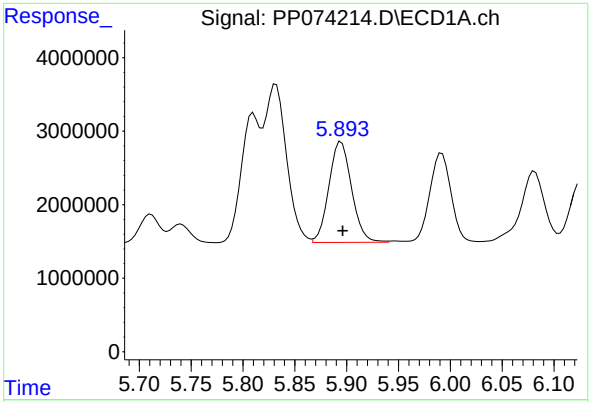
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 32099832
Conc: 528.46 ng/ml



#4 AR-1016-2

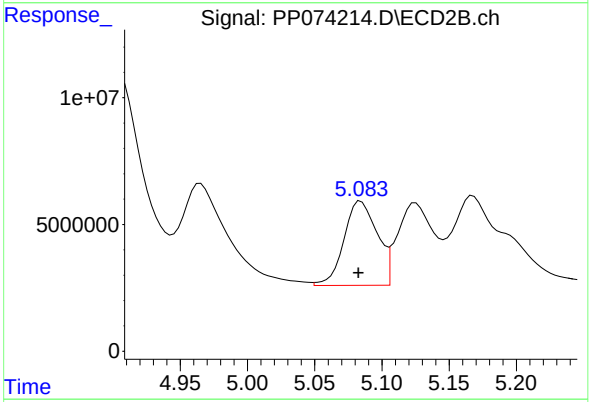
R.T.: 4.965 min
Delta R.T.: 0.002 min
Response: 100759686
Conc: 536.50 ng/ml



#5 AR-1016-3

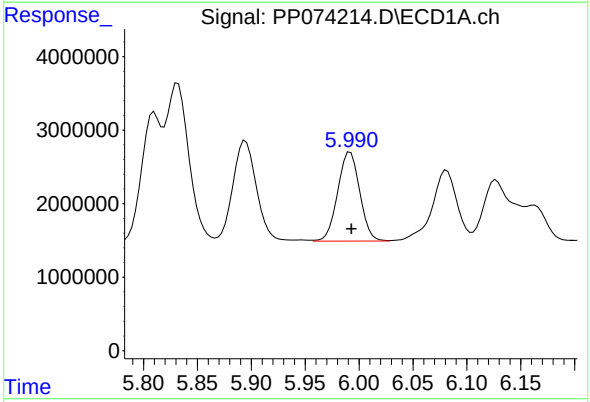
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 20882625
Conc: 526.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



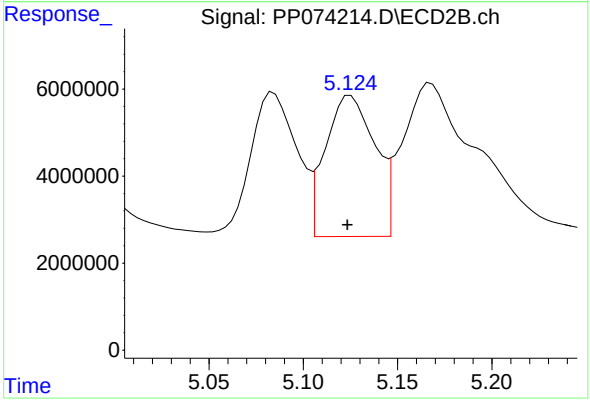
#5 AR-1016-3

R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 57085746
Conc: 538.19 ng/ml



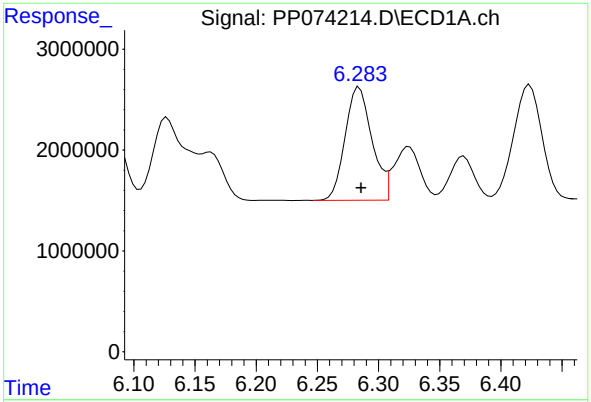
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: -0.001 min
Response: 17239425
Conc: 529.72 ng/ml



#6 AR-1016-4

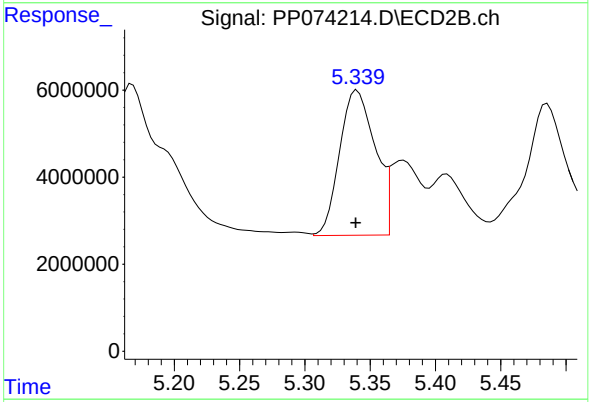
R.T.: 5.125 min
Delta R.T.: 0.002 min
Response: 59089868
Conc: 541.02 ng/ml



#7 AR-1016-5

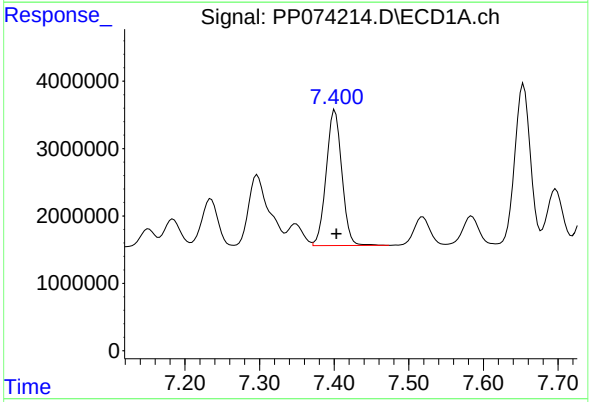
R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 17161147
Conc: 528.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



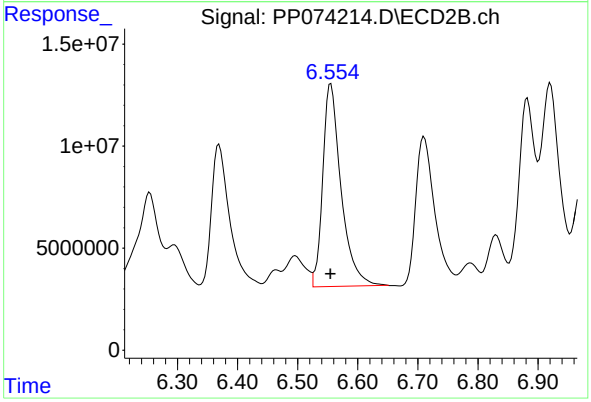
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.001 min
Response: 63291325
Conc: 541.12 ng/ml



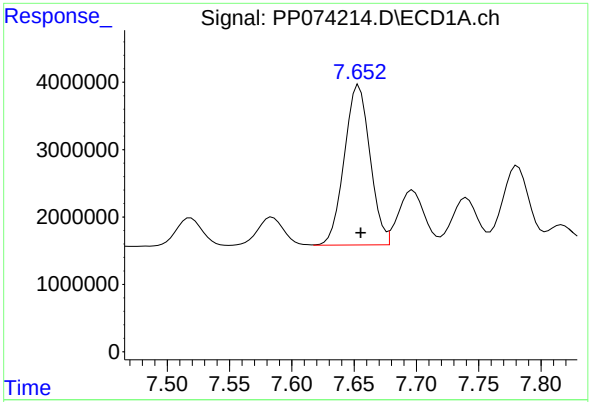
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 29329401
Conc: 520.43 ng/ml



#31 AR-1260-1

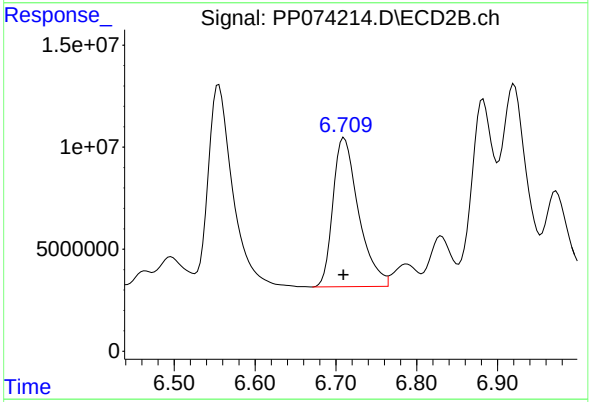
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 211195054
Conc: 522.82 ng/ml



#32 AR-1260-2

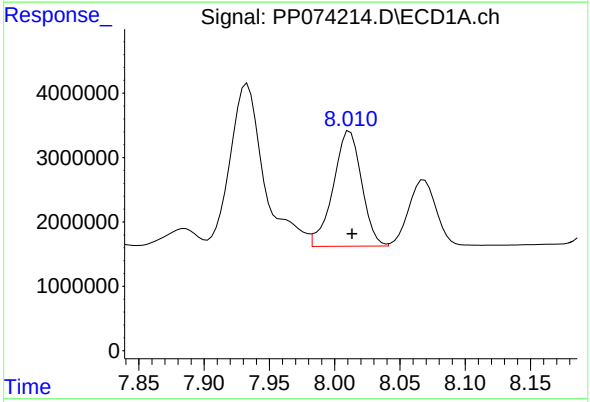
R.T.: 7.654 min
Delta R.T.: -0.002 min
Response: 34217562
Conc: 502.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



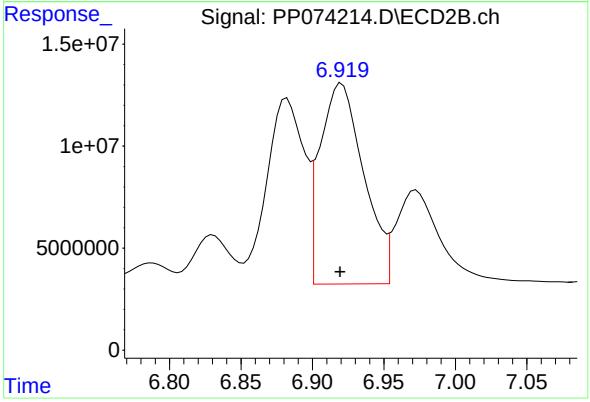
#32 AR-1260-2

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 160864663
Conc: 514.44 ng/ml



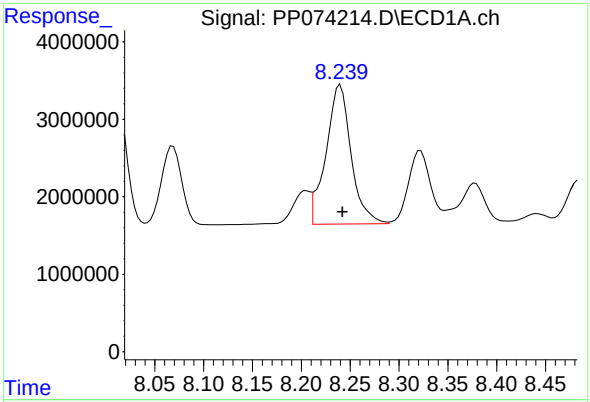
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 27141432
Conc: 509.26 ng/ml



#33 AR-1260-3

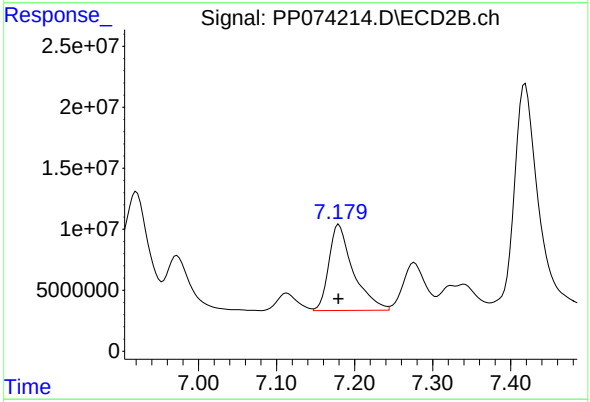
R.T.: 6.921 min
Delta R.T.: 0.001 min
Response: 209531960
Conc: 531.65 ng/ml



#34 AR-1260-4

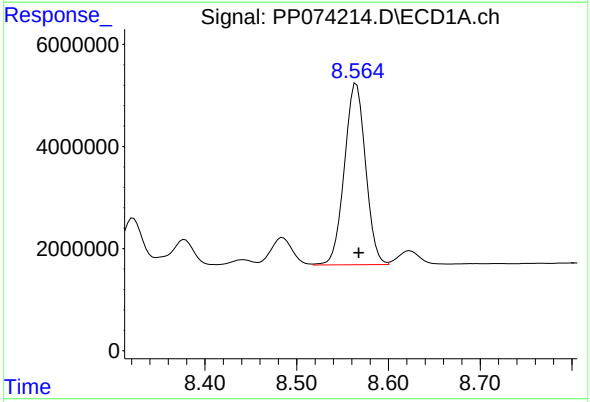
R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 32128117
Conc: 513.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



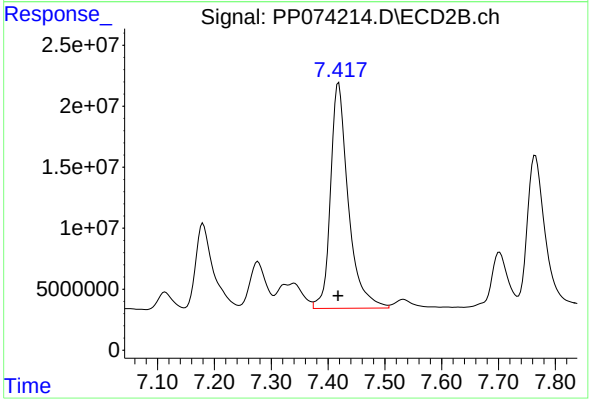
#34 AR-1260-4

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 152448892
Conc: 523.92 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 56851498
Conc: 501.76 ng/ml



#35 AR-1260-5

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 402260756
Conc: 531.10 ng/ml

Raw Data: **PP074219.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 08:31 **Initial Calibration Time(s):** 12:05 21:00

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.01
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)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.00	8.01	7.91	8.11	0.01
Aroclor-1260-4	(4)	8.23	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01

Raw Data: **PP074219.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 08:31 **Initial Calibration Time(s):** 12:05 21:00

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	0.01
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: **PP074219.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL07 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074219.D **Time Analyzed:** 08:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.804	5.712	5.912	539.830	500.000	8.0
Aroclor-1016-2	5.825	5.733	5.933	534.330	500.000	6.9
Aroclor-1016-3	5.888	5.796	5.996	544.330	500.000	8.9
Aroclor-1016-4	5.985	5.893	6.093	545.670	500.000	9.1
Aroclor-1016-5	6.277	6.186	6.386	541.360	500.000	8.3
Aroclor-1260-1	7.394	7.303	7.503	527.510	500.000	5.5
Aroclor-1260-2	7.647	7.555	7.755	508.540	500.000	1.7
Aroclor-1260-3	8.004	7.913	8.113	517.320	500.000	3.5
Aroclor-1260-4	8.232	8.142	8.342	520.560	500.000	4.1
Aroclor-1260-5	8.557	8.468	8.668	505.610	500.000	1.1
Decachlorobiphenyl	10.425	10.338	10.538	51.970	50.000	3.9
Tetrachloro-m-xylene	4.653	4.560	4.760	55.200	50.000	10.4

Raw Data: **PP074219.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL07 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074219.D **Time Analyzed:** 08:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.902	4.806	5.006	546.950	500.000	9.4
Aroclor-1016-2	4.960	4.863	5.063	550.450	500.000	10.1
Aroclor-1016-3	5.080	4.983	5.183	537.480	500.000	7.5
Aroclor-1016-4	5.120	5.023	5.223	566.810	500.000	13.4
Aroclor-1016-5	5.334	5.239	5.439	567.310	500.000	13.5
Aroclor-1260-1	6.551	6.455	6.655	540.310	500.000	8.1
Aroclor-1260-2	6.706	6.609	6.809	521.750	500.000	4.4
Aroclor-1260-3	6.915	6.819	7.019	553.110	500.000	10.6
Aroclor-1260-4	7.176	7.079	7.279	529.980	500.000	6.0
Aroclor-1260-5	7.414	7.318	7.518	551.700	500.000	10.3
Decachlorobiphenyl	8.820	8.726	8.926	52.050	50.000	4.1
Tetrachloro-m-xylene	3.802	3.705	3.905	57.780	50.000	15.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:31
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 05 11:40:40 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...	4.653	3.802	61731281	221.6E6	55.201	57.781
2)	SA Decachlor...	10.425	8.820	50475446	313.0E6	51.974	52.055
	Target Compounds						
3)	L1 AR-1016-1	5.804	4.902	22271643	218.2E6	539.830	546.946
4)	L1 AR-1016-2	5.825	4.960	32456031	103.4E6	534.328	550.445
5)	L1 AR-1016-3	5.888	5.080	21588432	57010663	544.331	537.483
6)	L1 AR-1016-4	5.985	5.120	17758415	61907121	545.666	566.811
7)	L1 AR-1016-5	6.277	5.334	17577011	66354367	541.363	567.309
31)	L7 AR-1260-1	7.394	6.551	29728137	218.3E6	527.506	540.312
32)	L7 AR-1260-2	7.647	6.706	34658194	163.2E6	508.540	521.749
33)	L7 AR-1260-3	8.004	6.915	27570926	218.0E6	517.318	553.107
34)	L7 AR-1260-4	8.232	7.176	32594733	154.2E6	520.558	529.982
35)	L7 AR-1260-5	8.557	7.414	57287903	417.9E6	505.608	551.700

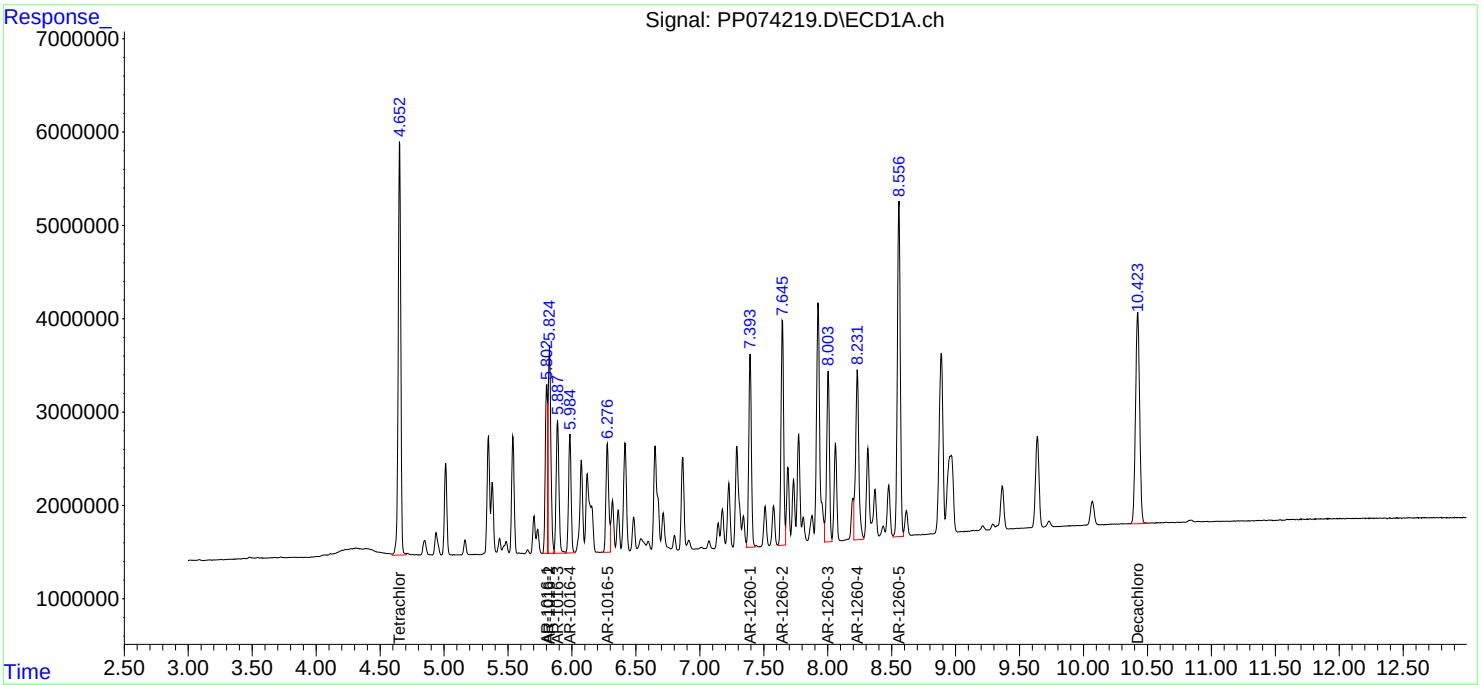
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

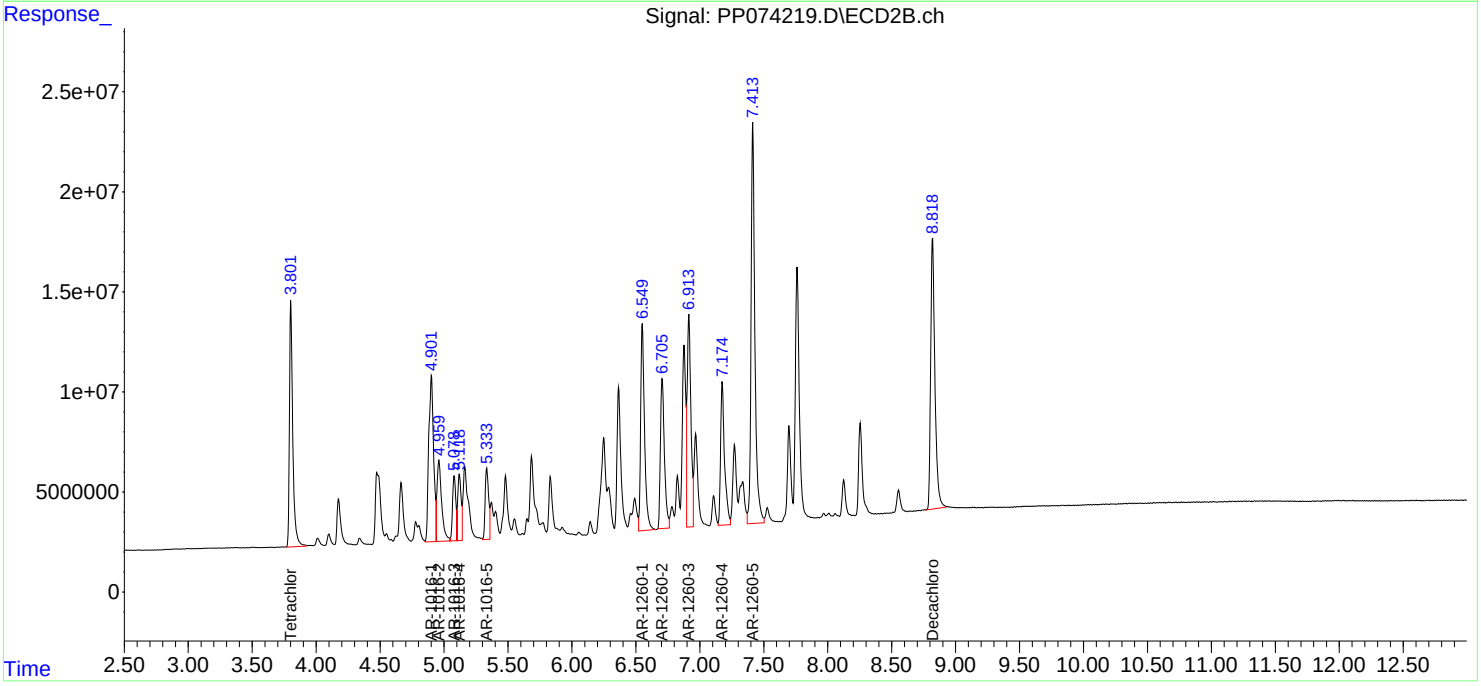
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

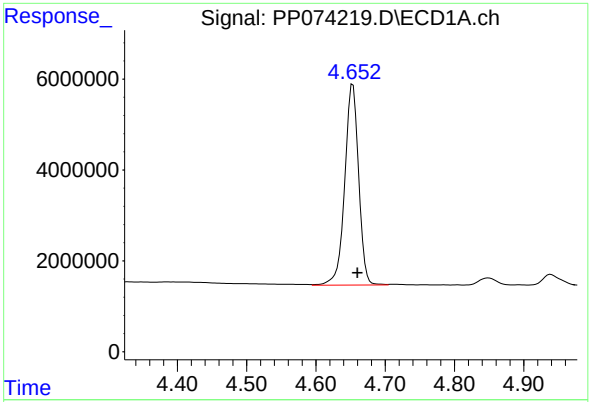
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:40:40 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



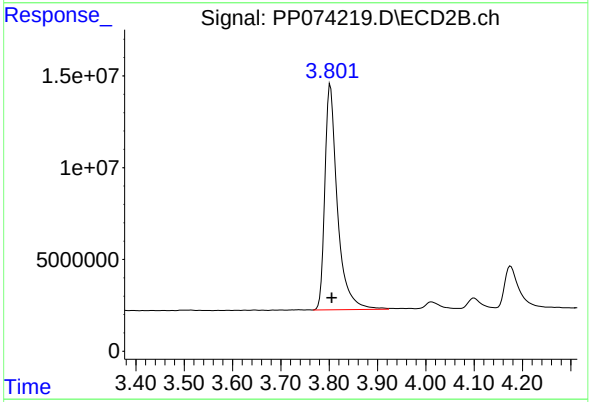




#1 Tetrachloro-m-xylene

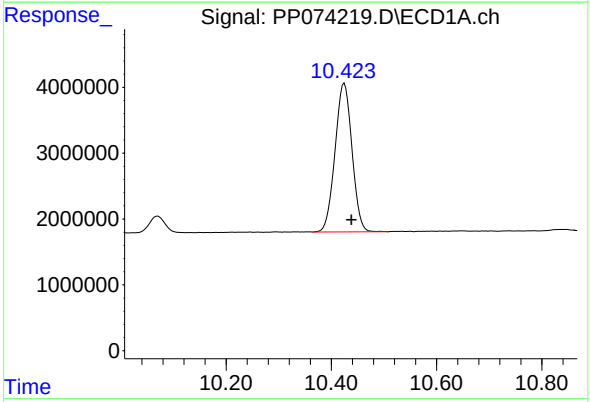
R.T.: 4.653 min
Delta R.T.: -0.007 min
Response: 61731281
Conc: 55.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



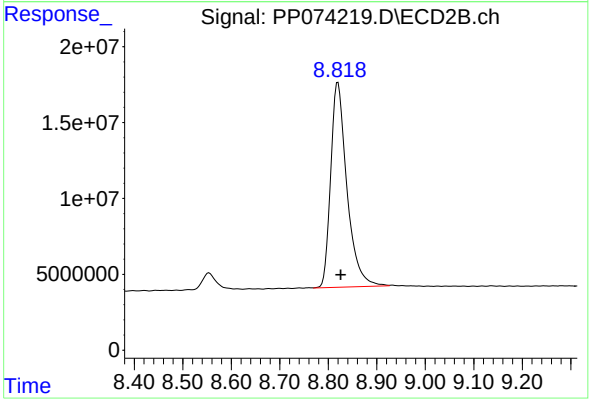
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 221556708
Conc: 57.78 ng/ml



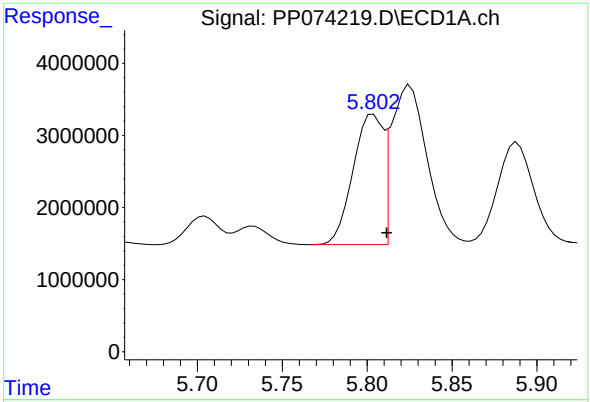
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: -0.013 min
Response: 50475446
Conc: 51.97 ng/ml



#2 Decachlorobiphenyl

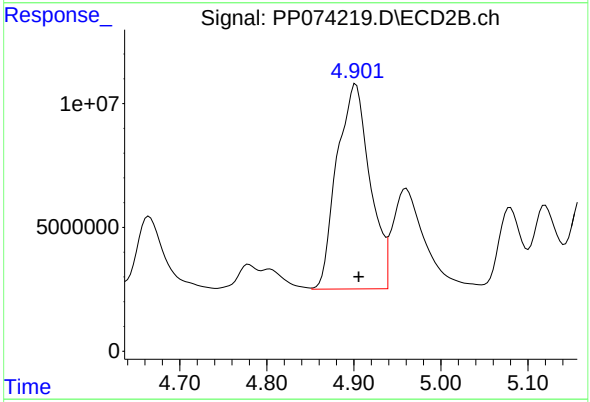
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 313036339
Conc: 52.05 ng/ml



#3 AR-1016-1

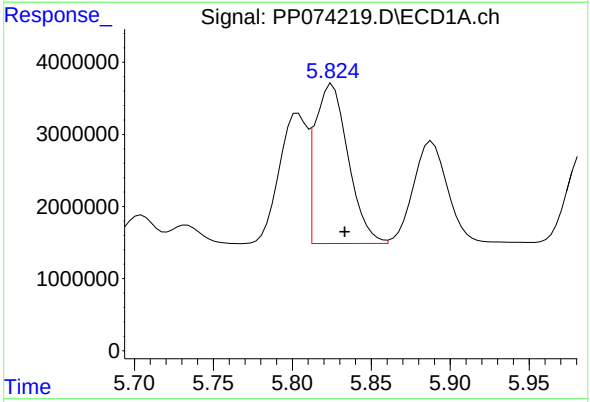
R.T.: 5.804 min
Delta R.T.: -0.008 min
Response: 22271643
Conc: 539.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



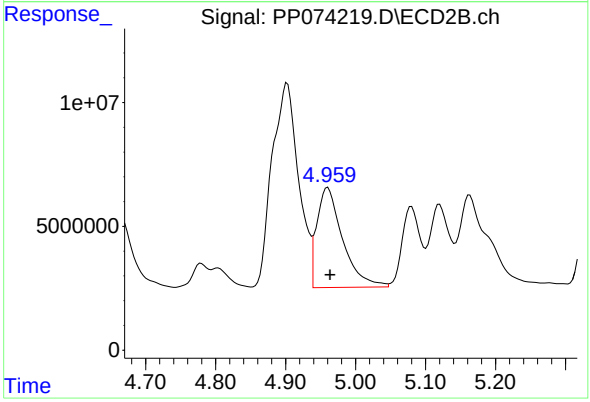
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 218169779
Conc: 546.95 ng/ml



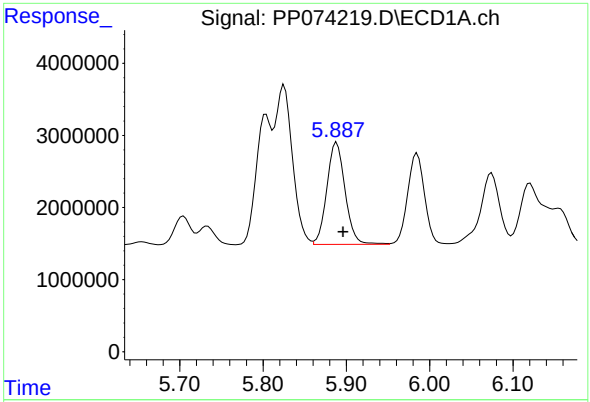
#4 AR-1016-2

R.T.: 5.825 min
Delta R.T.: -0.008 min
Response: 32456031
Conc: 534.33 ng/ml



#4 AR-1016-2

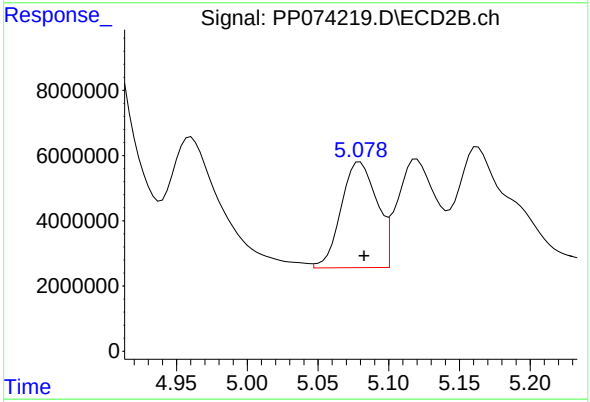
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 103378545
Conc: 550.45 ng/ml



#5 AR-1016-3

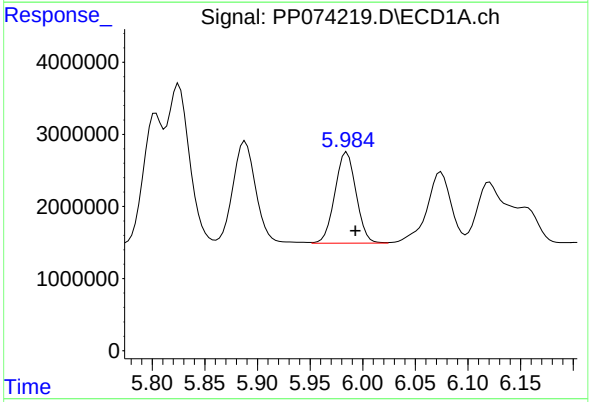
R.T.: 5.888 min
Delta R.T.: -0.008 min
Response: 21588432
Conc: 544.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



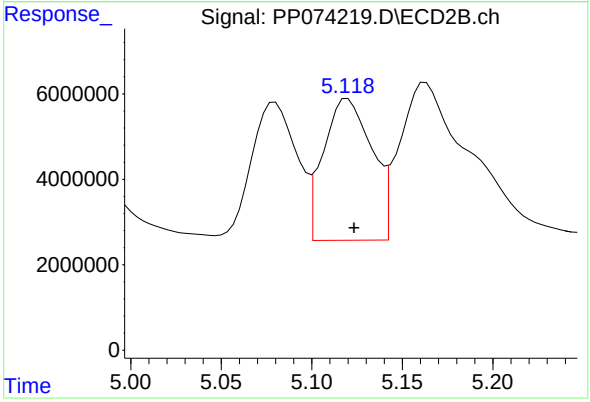
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 57010663
Conc: 537.48 ng/ml



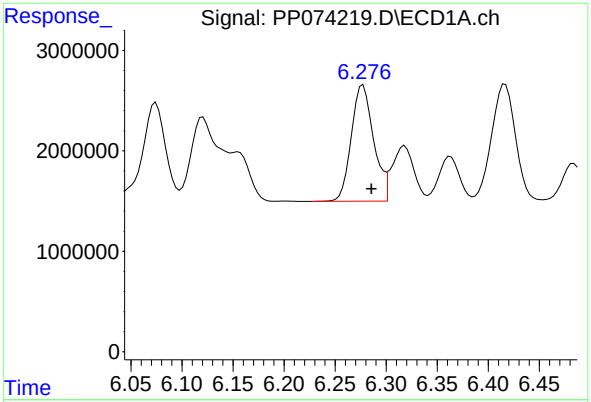
#6 AR-1016-4

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 17758415
Conc: 545.67 ng/ml



#6 AR-1016-4

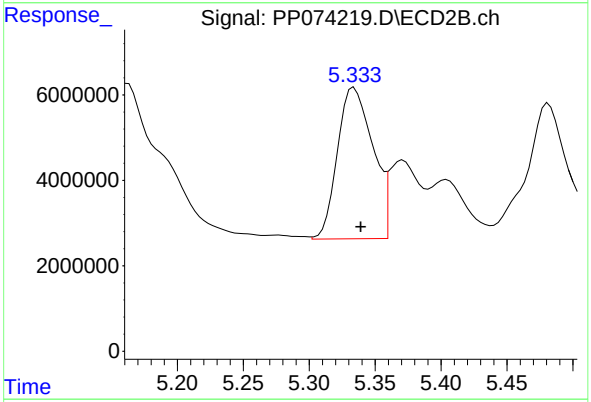
R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 61907121
Conc: 566.81 ng/ml



#7 AR-1016-5

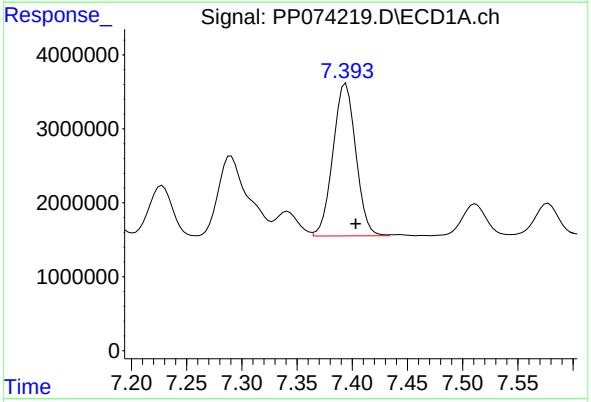
R.T.: 6.277 min
Delta R.T.: -0.008 min
Response: 17577011
Conc: 541.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



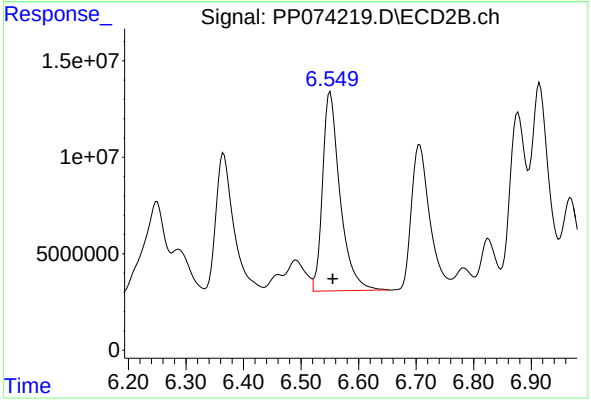
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 66354367
Conc: 567.31 ng/ml



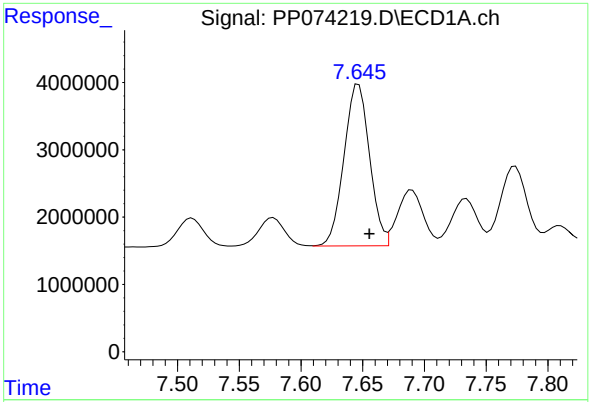
#31 AR-1260-1

R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 29728137
Conc: 527.51 ng/ml



#31 AR-1260-1

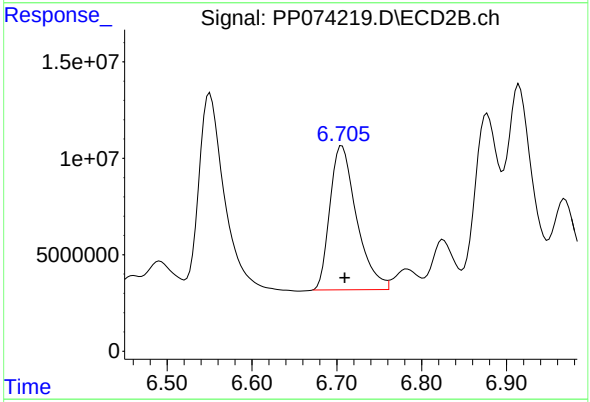
R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 218262918
Conc: 540.31 ng/ml



#32 AR-1260-2

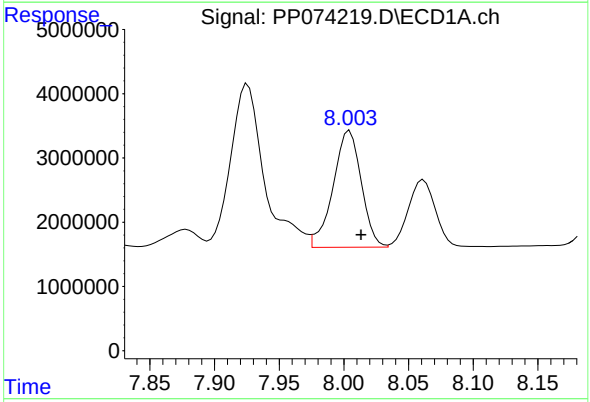
R.T.: 7.647 min
Delta R.T.: -0.009 min
Response: 34658194
Conc: 508.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



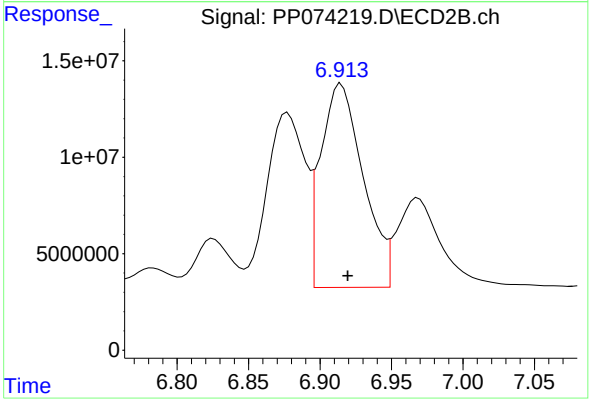
#32 AR-1260-2

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 163150314
Conc: 521.75 ng/ml



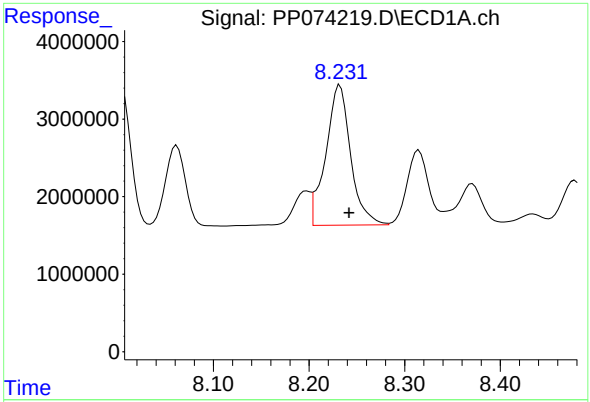
#33 AR-1260-3

R.T.: 8.004 min
Delta R.T.: -0.009 min
Response: 27570926
Conc: 517.32 ng/ml



#33 AR-1260-3

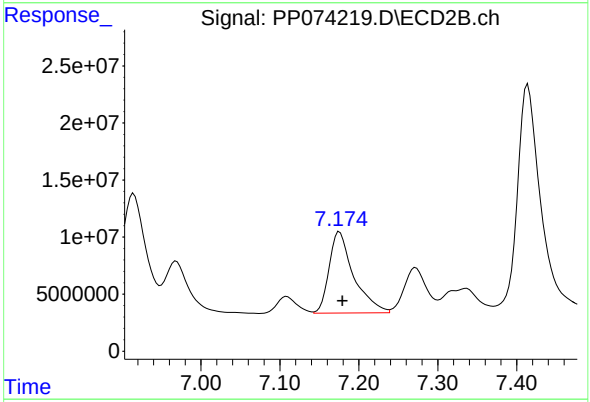
R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 217989665
Conc: 553.11 ng/ml



#34 AR-1260-4

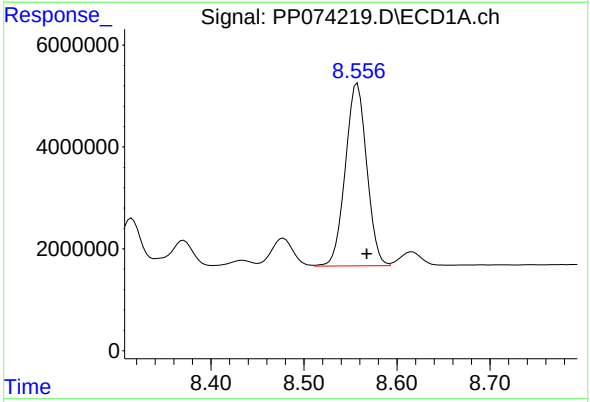
R.T.: 8.232 min
Delta R.T.: -0.009 min
Response: 32594733
Conc: 520.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



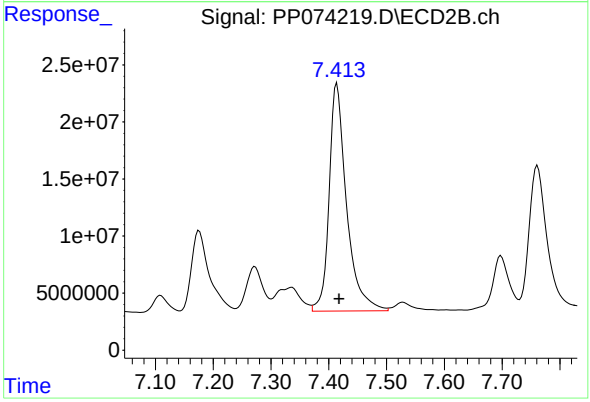
#34 AR-1260-4

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 154213759
Conc: 529.98 ng/ml



#35 AR-1260-5

R.T.: 8.557 min
Delta R.T.: -0.010 min
Response: 57287903
Conc: 505.61 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 417863311
Conc: 551.70 ng/ml

Raw Data: **PP074224.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 10:35 **Initial Calibration Time(s):** 12:05 21:00

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01

Raw Data: **PP074224.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

Continuing Calib Date: 08/05/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 10:35 **Initial Calibration Time(s):** 12:05 21:00

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)	5.34	5.34	5.24	5.44	0.00
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	0.00
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

Raw Data: **PP074224.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL08 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074224.D **Time Analyzed:** 10:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.712	5.912	529.600	500.000	5.9
Aroclor-1016-2	5.830	5.733	5.933	533.620	500.000	6.7
Aroclor-1016-3	5.893	5.796	5.996	536.280	500.000	7.3
Aroclor-1016-4	5.990	5.893	6.093	538.680	500.000	7.7
Aroclor-1016-5	6.283	6.186	6.386	537.510	500.000	7.5
Aroclor-1260-1	7.400	7.303	7.503	529.550	500.000	5.9
Aroclor-1260-2	7.652	7.555	7.755	506.080	500.000	1.2
Aroclor-1260-3	8.010	7.913	8.113	509.930	500.000	2.0
Aroclor-1260-4	8.239	8.142	8.342	513.310	500.000	2.7
Aroclor-1260-5	8.564	8.468	8.668	500.370	500.000	0.1
Decachlorobiphenyl	10.433	10.338	10.538	51.200	50.000	2.4
Tetrachloro-m-xylene	4.658	4.560	4.760	54.490	50.000	9.0

Raw Data: **PP074224.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **SDG NO.:** Q2747

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL08 **Date Analyzed:** 08/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074224.D **Time Analyzed:** 10:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.904	4.806	5.006	555.950	500.000	11.2
Aroclor-1016-2	4.962	4.863	5.063	559.870	500.000	12.0
Aroclor-1016-3	5.083	4.983	5.183	546.400	500.000	9.3
Aroclor-1016-4	5.123	5.023	5.223	543.720	500.000	8.7
Aroclor-1016-5	5.337	5.239	5.439	560.300	500.000	12.1
Aroclor-1260-1	6.553	6.455	6.655	547.710	500.000	9.5
Aroclor-1260-2	6.709	6.609	6.809	526.600	500.000	5.3
Aroclor-1260-3	6.918	6.819	7.019	544.840	500.000	9.0
Aroclor-1260-4	7.178	7.079	7.279	529.000	500.000	5.8
Aroclor-1260-5	7.417	7.318	7.518	531.910	500.000	6.4
Decachlorobiphenyl	8.822	8.726	8.926	51.840	50.000	3.7
Tetrachloro-m-xylene	3.805	3.705	3.905	57.110	50.000	14.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:35
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 05 11:43:15 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	3.805	60932481	219.0E6	54.486	57.110
2)	SA Decachlor...	10.433	8.822	49719916	311.7E6	51.196	51.839
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.904	21849578	221.8E6	529.599	555.955
4)	L1 AR-1016-2	5.830	4.962	32413170	105.1E6	533.623	559.866
5)	L1 AR-1016-3	5.893	5.083	21269132	57956161	536.280	546.397
6)	L1 AR-1016-4	5.990	5.123	17530954	59385328	538.677	543.722
7)	L1 AR-1016-5	6.283	5.337	17452006	65534087	537.513	560.296
31)	L7 AR-1260-1	7.400	6.553	29843163	221.3E6	529.547	547.708
32)	L7 AR-1260-2	7.652	6.709	34490371	164.7E6	506.077	526.600
33)	L7 AR-1260-3	8.010	6.918	27177343	214.7E6	509.933	544.839
34)	L7 AR-1260-4	8.239	7.178	32140797	153.9E6	513.308	529.003
35)	L7 AR-1260-5	8.564	7.417	56694774	402.9E6	500.373	531.914

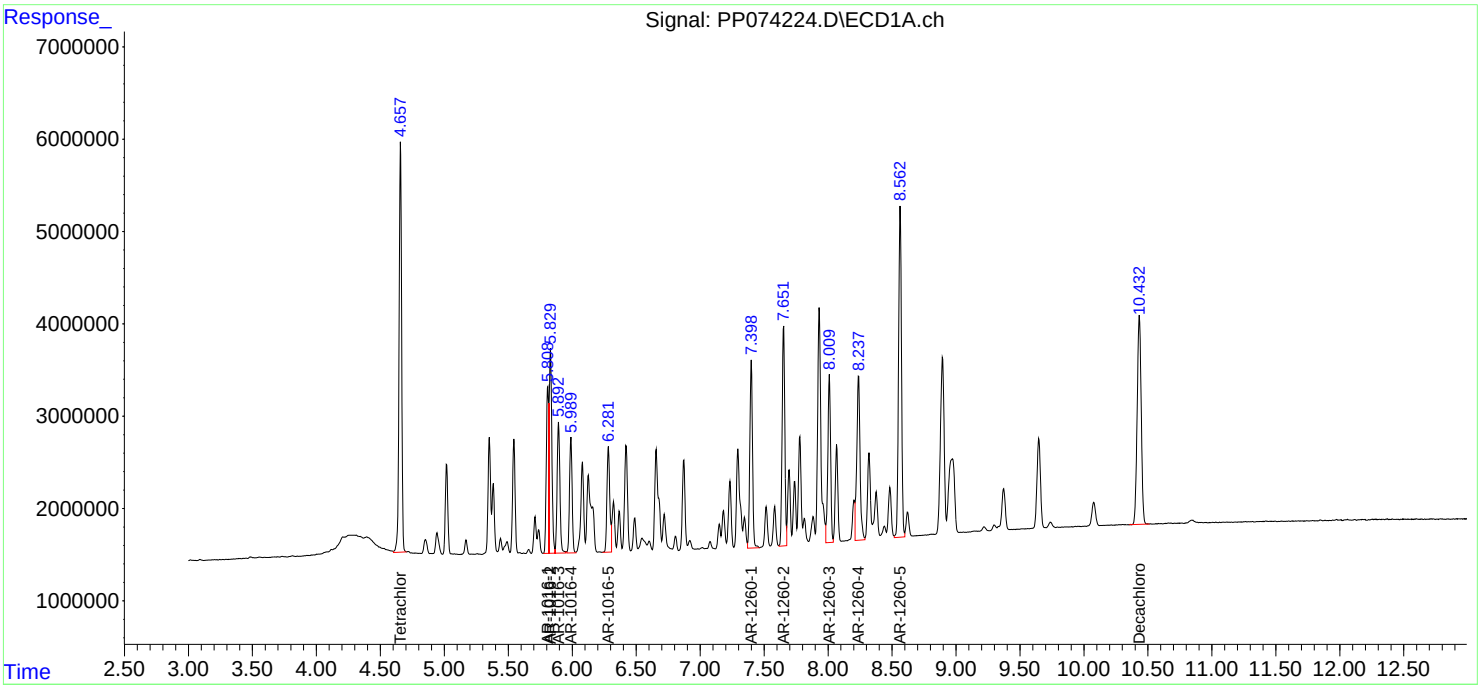
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

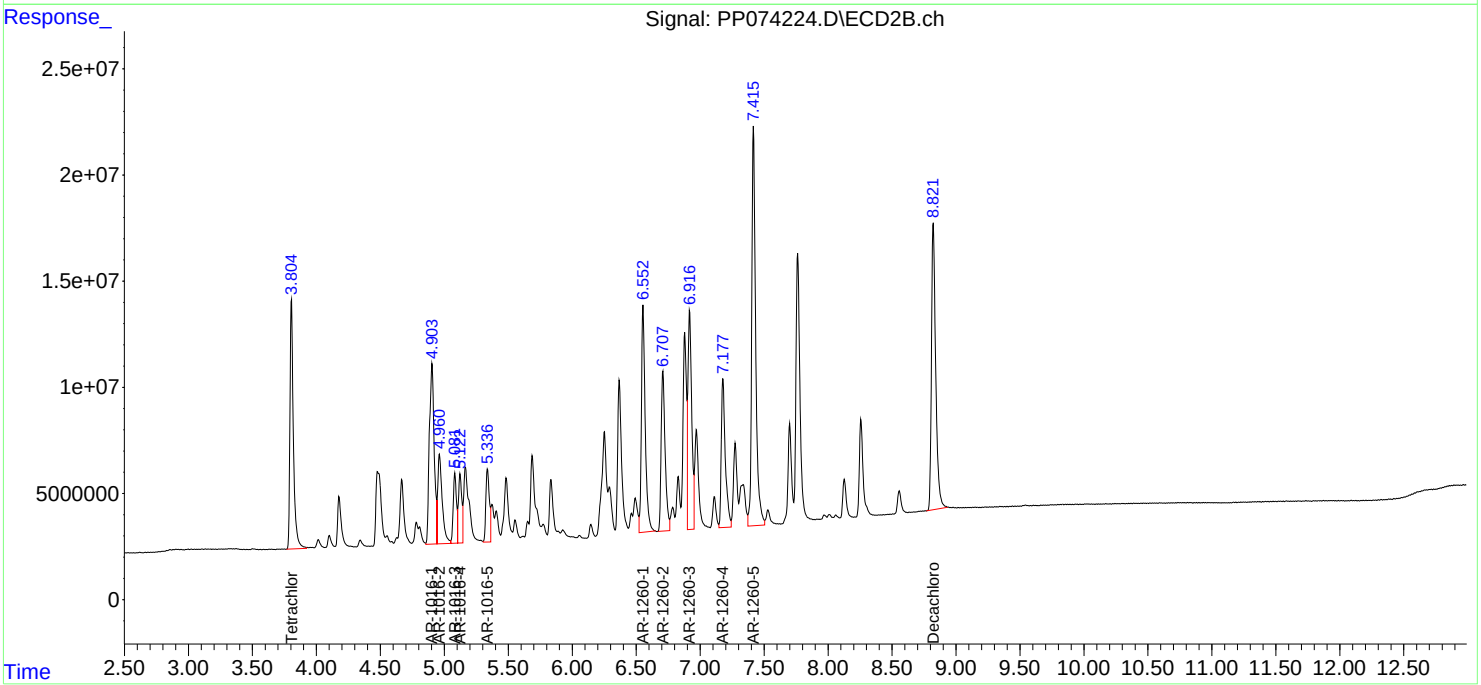
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

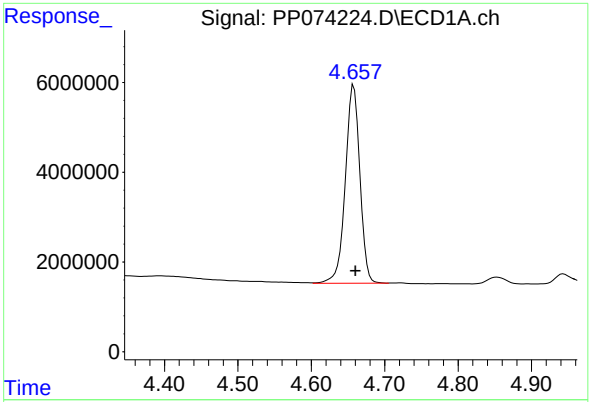
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:43:15 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



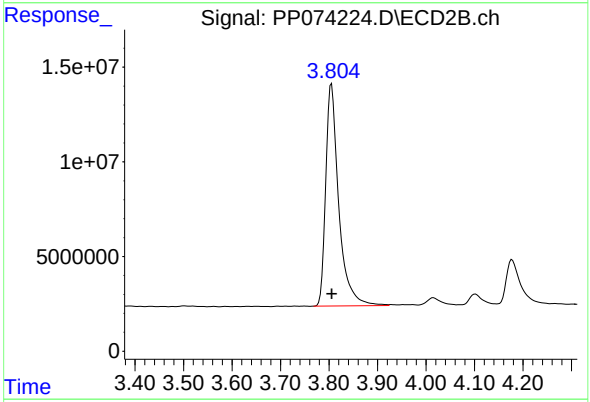




#1 Tetrachloro-m-xylene

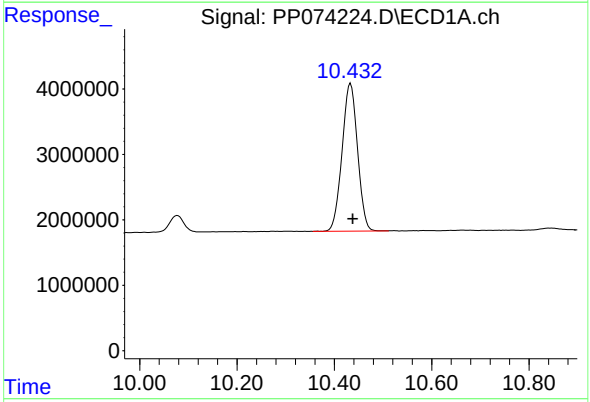
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 60932481
Conc: 54.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



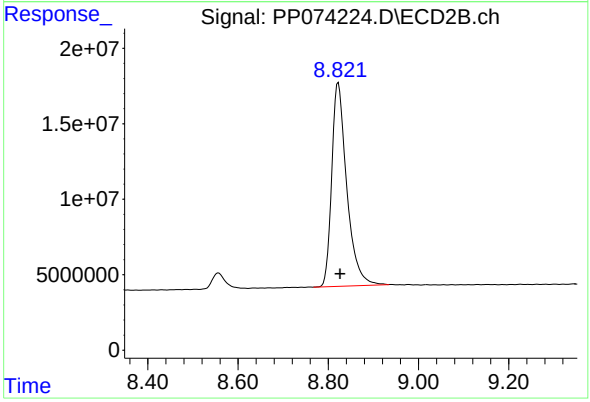
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 218985373
Conc: 57.11 ng/ml



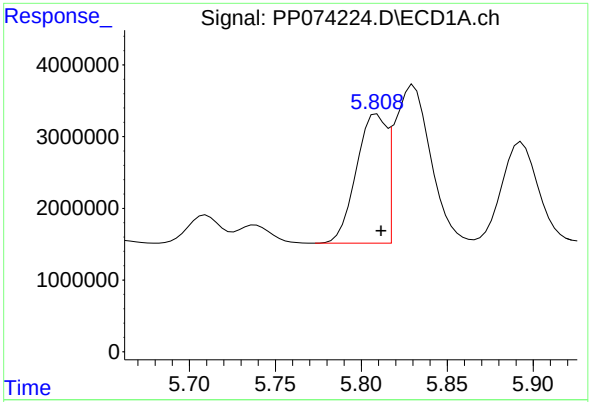
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.005 min
Response: 49719916
Conc: 51.20 ng/ml



#2 Decachlorobiphenyl

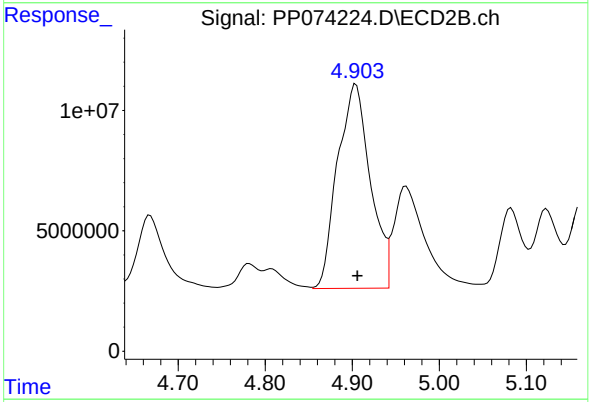
R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 311742253
Conc: 51.84 ng/ml



#3 AR-1016-1

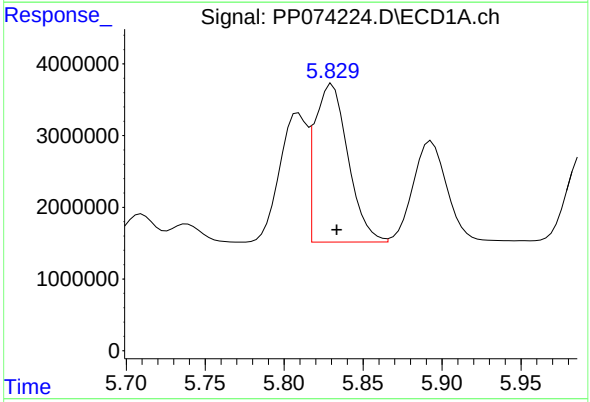
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 21849578
Conc: 529.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



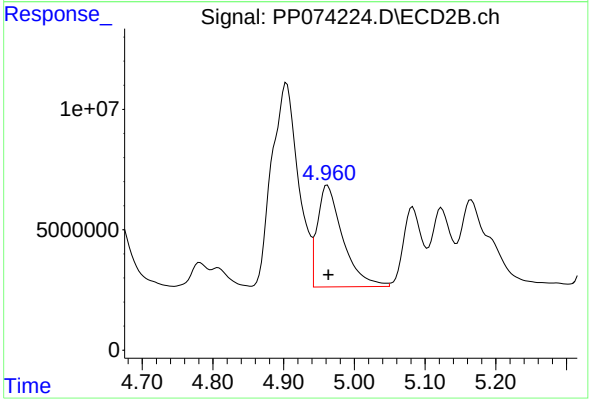
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 221763244
Conc: 555.95 ng/ml



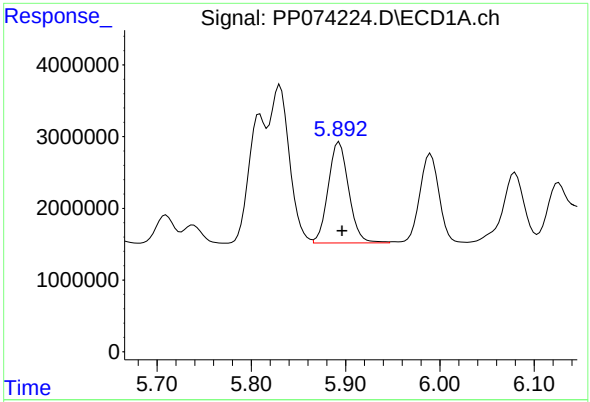
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 32413170
Conc: 533.62 ng/ml



#4 AR-1016-2

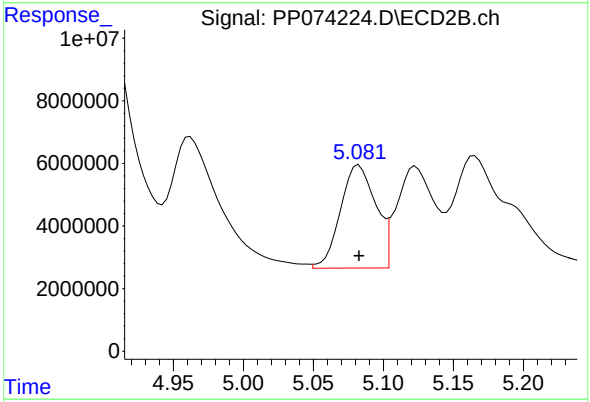
R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 105147793
Conc: 559.87 ng/ml



#5 AR-1016-3

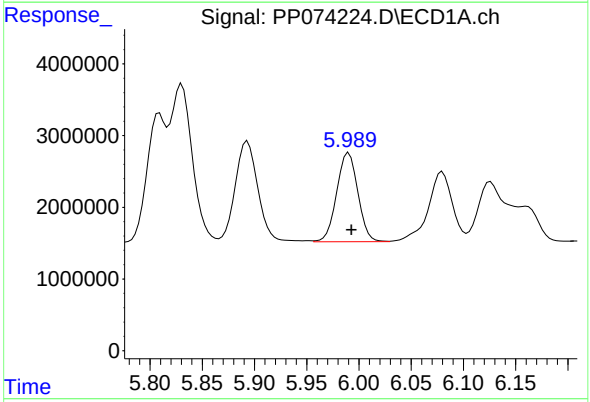
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 21269132
Conc: 536.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



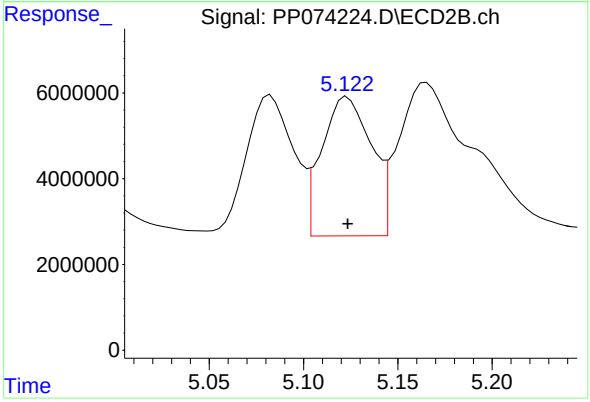
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 57956161
Conc: 546.40 ng/ml



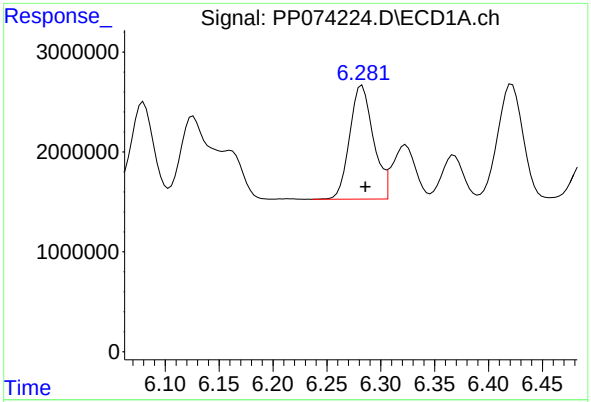
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 17530954
Conc: 538.68 ng/ml



#6 AR-1016-4

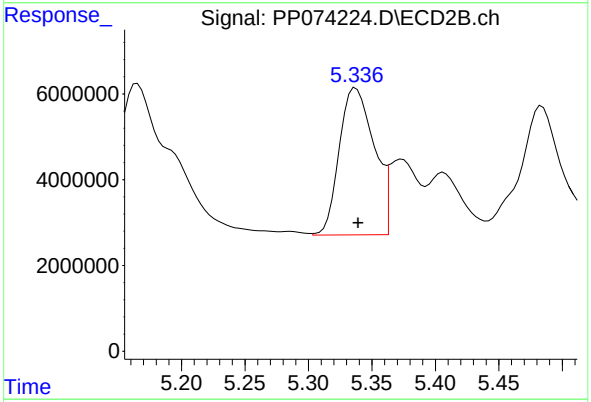
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 59385328
Conc: 543.72 ng/ml



#7 AR-1016-5

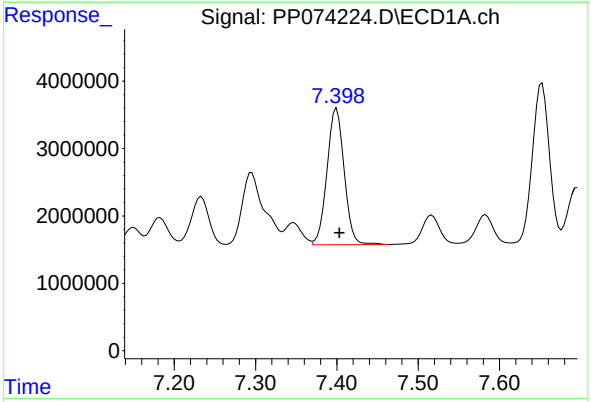
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 17452006
Conc: 537.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



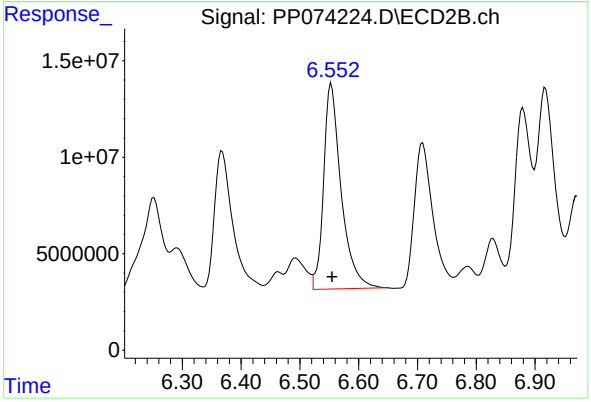
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 65534087
Conc: 560.30 ng/ml



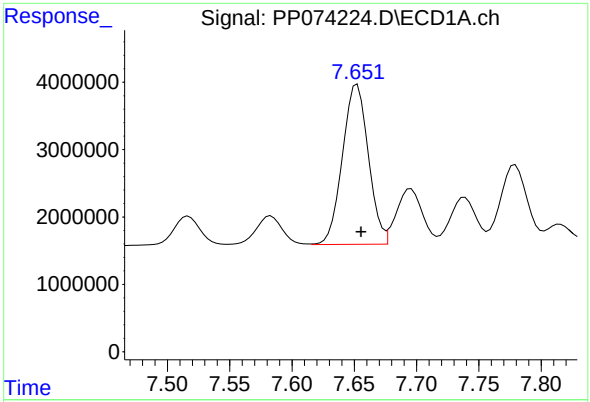
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 29843163
Conc: 529.55 ng/ml



#31 AR-1260-1

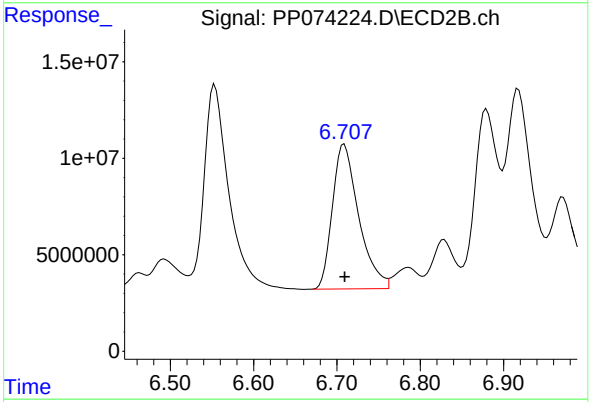
R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 221250589
Conc: 547.71 ng/ml



#32 AR-1260-2

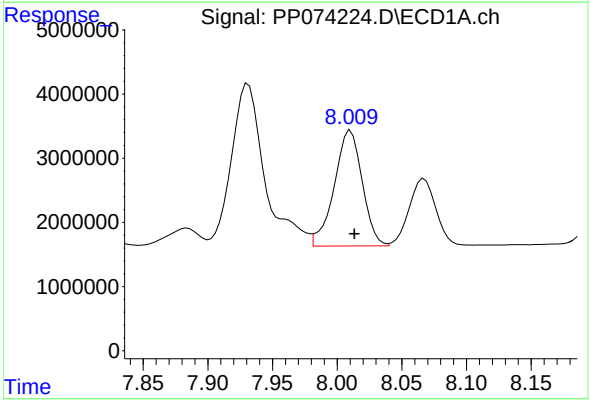
R.T.: 7.652 min
Delta R.T.: -0.003 min
Response: 34490371
Conc: 506.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



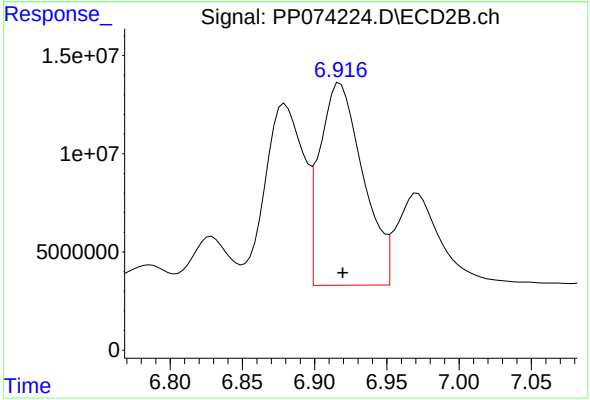
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 164667287
Conc: 526.60 ng/ml



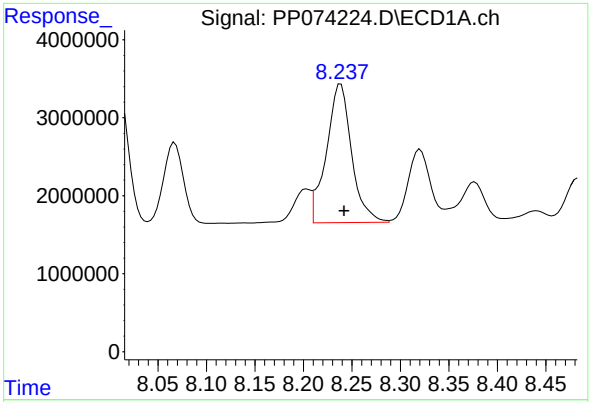
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 27177343
Conc: 509.93 ng/ml



#33 AR-1260-3

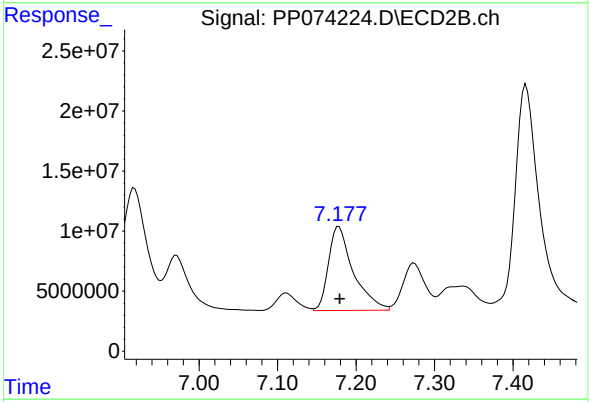
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 214731121
Conc: 544.84 ng/ml



#34 AR-1260-4

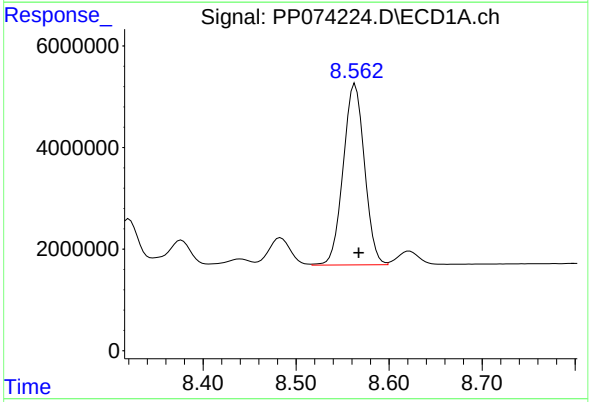
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 32140797
Conc: 513.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



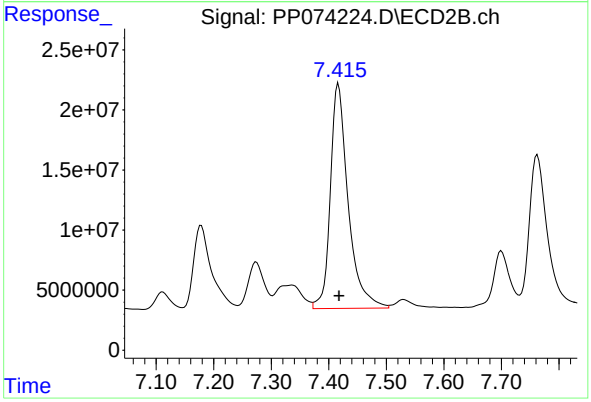
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: -0.001 min
Response: 153928976
Conc: 529.00 ng/ml



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 56694774
Conc: 500.37 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: -0.001 min
Response: 402876669
Conc: 531.91 ng/ml

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

Analytical Sequence

Client: Nobis Group **SDG No.:** Q2747

Project: Raymark Superfund Site **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	08/04/2025	12:11	PO112718.D	8.69	3.67
I.BLK	I.BLK	08/04/2025	13:24	PO112722.D	8.69	3.67
OU4-TS-GRILLO-OG3-073125	Q2747-03	08/04/2025	14:01	PO112724.D	8.69	3.67
OU4-TS-GRILLO-OG4-073125	Q2747-05	08/04/2025	14:19	PO112725.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/04/2025	16:10	PO112728.D	8.69	3.67
I.BLK	I.BLK	08/04/2025	17:22	PO112732.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/05/2025	08:29	PO112740.D	8.69	3.67
I.BLK	I.BLK	08/05/2025	08:50	PO112741.D	8.69	3.67
OU4-TS-GRILLO-OG2-073125	Q2747-01	08/05/2025	09:28	PO112743.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/05/2025	10:05	PO112744.D	8.69	3.67
I.BLK	I.BLK	08/05/2025	11:32	PO112748.D	8.69	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

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Analytical Sequence

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
AR1248ICC1000	AR1248ICC1000	08/01/2025	16:24	PP074180.D	10.43	4.66
AR1248ICC750	AR1248ICC750	08/01/2025	16:41	PP074181.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1248ICC250	AR1248ICC250	08/01/2025	17:13	PP074183.D	10.43	4.66
AR1248ICC050	AR1248ICC050	08/01/2025	17:45	PP074184.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
AR1268ICC1000	AR1268ICC1000	08/01/2025	19:55	PP074191.D	10.43	4.66
AR1268ICC750	AR1268ICC750	08/01/2025	20:11	PP074192.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1268ICC250	AR1268ICC250	08/01/2025	20:44	PP074194.D	10.43	4.66
AR1268ICC050	AR1268ICC050	08/01/2025	21:00	PP074195.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/04/2025	09:20	PP074203.D	10.43	4.66
I.BLK	I.BLK	08/04/2025	10:53	PP074206.D	10.43	4.66
PB169092BL	PB169092BL	08/04/2025	12:36	PP074208.D	10.44	4.66
PB169092BS	PB169092BS	08/04/2025	12:52	PP074209.D	10.44	4.66
289MS	Q2753-01MS	08/04/2025	13:25	PP074211.D	10.44	4.66
289MSD	Q2753-01MSD	08/04/2025	13:41	PP074212.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/04/2025	15:02	PP074214.D	10.44	4.66
I.BLK	I.BLK	08/04/2025	15:51	PP074217.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/05/2025	08:31	PP074219.D	10.43	4.65
I.BLK	I.BLK	08/05/2025	08:57	PP074220.D	10.44	4.66
OU4-TS-GRILLO-TSCP01-073125	Q2747-07	08/05/2025	09:29	PP074222.D	10.43	4.66
OU4-TS-GRILLO-TSCP02-073125	Q2747-09	08/05/2025	09:46	PP074223.D	10.43	4.65
AR1660CCC500	AR1660CCC500	08/05/2025	10:35	PP074224.D	10.43	4.66
I.BLK	I.BLK	08/05/2025	11:23	PP074227.D	10.44	4.66

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Analytical Sequence

Client: Nobis Group **SDG No.:** Q2747

Project: Raymark Superfund Site **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	08/04/2025	12:11	PO112718.D	8.63	3.66
I.BLK	I.BLK	08/04/2025	13:24	PO112722.D	8.63	3.66
OU4-TS-GRILLO-OG3-073125	Q2747-03	08/04/2025	14:01	PO112724.D	8.64	3.66
OU4-TS-GRILLO-OG4-073125	Q2747-05	08/04/2025	14:19	PO112725.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/04/2025	16:10	PO112728.D	8.63	3.66
I.BLK	I.BLK	08/04/2025	17:22	PO112732.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/05/2025	08:29	PO112740.D	8.63	3.66
I.BLK	I.BLK	08/05/2025	08:50	PO112741.D	8.63	3.66
OU4-TS-GRILLO-OG2-073125	Q2747-01	08/05/2025	09:28	PO112743.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/05/2025	10:05	PO112744.D	8.63	3.66
I.BLK	I.BLK	08/05/2025	11:32	PO112748.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

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Analytical Sequence

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
AR1248ICC1000	AR1248ICC1000	08/01/2025	16:24	PP074180.D	8.82	3.80
AR1248ICC750	AR1248ICC750	08/01/2025	16:41	PP074181.D	8.82	3.81
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1248ICC250	AR1248ICC250	08/01/2025	17:13	PP074183.D	8.82	3.80
AR1248ICC050	AR1248ICC050	08/01/2025	17:45	PP074184.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
AR1268ICC1000	AR1268ICC1000	08/01/2025	19:55	PP074191.D	8.82	3.81
AR1268ICC750	AR1268ICC750	08/01/2025	20:11	PP074192.D	8.82	3.81
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1268ICC250	AR1268ICC250	08/01/2025	20:44	PP074194.D	8.82	3.81
AR1268ICC050	AR1268ICC050	08/01/2025	21:00	PP074195.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/04/2025	09:20	PP074203.D	8.82	3.80
I.BLK	I.BLK	08/04/2025	10:53	PP074206.D	8.82	3.80
PB169092BL	PB169092BL	08/04/2025	12:36	PP074208.D	8.82	3.80
PB169092BS	PB169092BS	08/04/2025	12:52	PP074209.D	8.83	3.80
289MS	Q2753-01MS	08/04/2025	13:25	PP074211.D	8.82	3.80
289MSD	Q2753-01MSD	08/04/2025	13:41	PP074212.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/04/2025	15:02	PP074214.D	8.83	3.81
I.BLK	I.BLK	08/04/2025	15:51	PP074217.D	8.83	3.81
AR1660CCC500	AR1660CCC500	08/05/2025	08:31	PP074219.D	8.82	3.80
I.BLK	I.BLK	08/05/2025	08:57	PP074220.D	8.82	3.80
OU4-TS-GRILLO-TSCP01-073125	Q2747-07	08/05/2025	09:29	PP074222.D	8.82	3.80
OU4-TS-GRILLO-TSCP02-073125	Q2747-09	08/05/2025	09:46	PP074223.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/05/2025	10:35	PP074224.D	8.82	3.81
I.BLK	I.BLK	08/05/2025	11:23	PP074227.D	8.82	3.81

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169092BS

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2747

Lab Sample ID: PB169092BS Date(s) Analyzed: 08/04/2025 08/04/2025

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 PP074209.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.81	5.76	5.86	178		
	2	5.832	5.782	5.882	179		
	3	5.895	5.845	5.945	179		
COLUMN 1	4	5.992	5.942	6.042	179		
	5	6.284	6.234	6.334	172	178	
	1	4.905	4.855	4.955	173		
	2	4.962	4.912	5.012	170		
	3	5.082	5.032	5.132	168		
	4	5.123	5.073	5.173	167		
COLUMN 2	5	5.338	5.288	5.388	176	171	4.01
Aroclor-1260	1	7.402	7.352	7.452	181		
	2	7.655	7.605	7.705	176		
	3	8.013	7.963	8.063	150		
COLUMN 1	4	8.24	8.19	8.29	162		
	5	8.567	8.517	8.617	151	164	
	1	6.555	6.505	6.605	174		
	2	6.708	6.658	6.758	176		
	3	6.919	6.869	6.969	153		
	4	7.179	7.129	7.229	153		
COLUMN 2	5	7.418	7.368	7.468	156	162	1.23

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: 289MS

Lab Name: Alliance | Contract: NOBI03
Lab Code: ACE | SDG NO.: Q2747
Lab Sample ID: Q2753-01MS | Date(s) Analyzed: 08/04/2025 08/04/2025
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: PP074211.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.809	5.759	5.859	188		
	2	5.83	5.78	5.88	189		
	3	5.894	5.844	5.944	189		
COLUMN 1	4	5.99	5.94	6.04	191		
	5	6.282	6.232	6.332	185	188	
	1	4.903	4.853	4.953	192		
	2	4.96	4.91	5.01	193		
	3	5.08	5.03	5.13	190		
	4	5.122	5.072	5.172	182		
COLUMN 2	5	5.336	5.286	5.386	195	190	1.06
Aroclor-1254	1	6.657	6.607	6.707	115		
	2	6.872	6.822	6.922	68.4		
	3	7.235	7.185	7.285	42.0		
COLUMN 1	4	7.516	7.466	7.566	40.7		
	5	7.932	7.882	7.982	230	99.2	
	1	5.687	5.637	5.737	70.3		
	2	5.833	5.783	5.883	79.7		
	3	6.25	6.2	6.3	93.8		
	4	6.461	6.411	6.511	9.41		
COLUMN 2	5	6.879	6.829	6.929	186	87.8	12.19

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.399	7.349	7.449	200		
	2	7.653	7.603	7.703	190		
	3	8.01	7.96	8.06	165		
COLUMN 1	4	8.237	8.187	8.287	184		
	5	8.564	8.514	8.614	166	181	
	1	6.553	6.503	6.603	193		
	2	6.706	6.656	6.756	195		
	3	6.916	6.866	6.966	171		
	4	7.177	7.127	7.227	176		
COLUMN 2	5	7.416	7.366	7.466	172	181	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: 289MSD

Lab Name: Alliance
Contract: NOBI03
Lab Code: ACE
SDG NO.: Q2747
Lab Sample ID: Q2753-01MSD
Date(s) Analyzed: 08/04/2025 08/04/2025
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: PP074212.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.811	5.761	5.861	185		
	2	5.833	5.783	5.883	183		
	3	5.896	5.846	5.946	182		
COLUMN 1	4	5.993	5.943	6.043	184		
	5	6.285	6.235	6.335	177	182	
	1	4.903	4.853	4.953	182		
	2	4.96	4.91	5.01	183		
	3	5.08	5.03	5.13	182		
	4	5.121	5.071	5.171	177		
COLUMN 2	5	5.335	5.285	5.385	185	182	0
Aroclor-1254	1	6.66	6.61	6.71	109		
	2	6.875	6.825	6.925	65.8		
	3	7.238	7.188	7.288	41.7		
COLUMN 1	4	7.52	7.47	7.57	39.8		
	5	7.935	7.885	7.985	230	97.2	
	1	5.686	5.636	5.736	71.9		
	2	5.832	5.782	5.882	76.7		
	3	6.25	6.2	6.3	94.3		
	4	6.46	6.41	6.51	9.59		
COLUMN 2	5	6.878	6.828	6.928	185	87.6	10.39

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.403	7.353	7.453	197		
	2	7.655	7.605	7.705	191		
	3	8.013	7.963	8.063	165		
COLUMN 1	4	8.24	8.19	8.29	188		
	5	8.567	8.517	8.617	166	181	
	1	6.552	6.502	6.602	193		
	2	6.707	6.657	6.757	192		
	3	6.916	6.866	6.966	171		
	4	7.176	7.126	7.226	176		
COLUMN 2	5	7.416	7.366	7.466	170	181	0

QC SAMPLE DATA

Raw Data: **PP074208.D**

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

Report of Analysis

Client:	Nobis Group		Date Collected:		
Project:	Raymark Superfund Site		Date Received:		
Client Sample ID:	PB169092BL		SDG No.:	Q2747	
Lab Sample ID:	PB169092BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074208.D	1	08/04/25 08:55	08/04/25 12:36	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.30	U	3.90	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	4.00	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	8.30	U	3.70	8.30	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	4.00	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	5.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	8.30	U	3.20	8.30	17.0	ug/kg
37324-23-5	Aroclor-1262	13.0	U	5.00	13.0	17.0	ug/kg
11100-14-4	Aroclor-1268	8.30	U	3.60	8.30	17.0	ug/kg
11096-82-5	Aroclor-1260	8.30	U	3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.5		44 - 130		113%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		60 - 125		113%	SPK: 20

Comments:

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

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

Sample Results: **PP074208.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:36
Operator : YP\AJ
Sample : PB169092BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169092BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:24:53 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	3.801	25186707	72738228	22.522m	18.970
2)	SA Decachlor...	10.436	8.821	22030337	116.4E6	22.685	19.358
	Target Compounds						

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

Sample Results: **PP074208.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:36
Operator : YP\AJ
Sample : PB169092BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

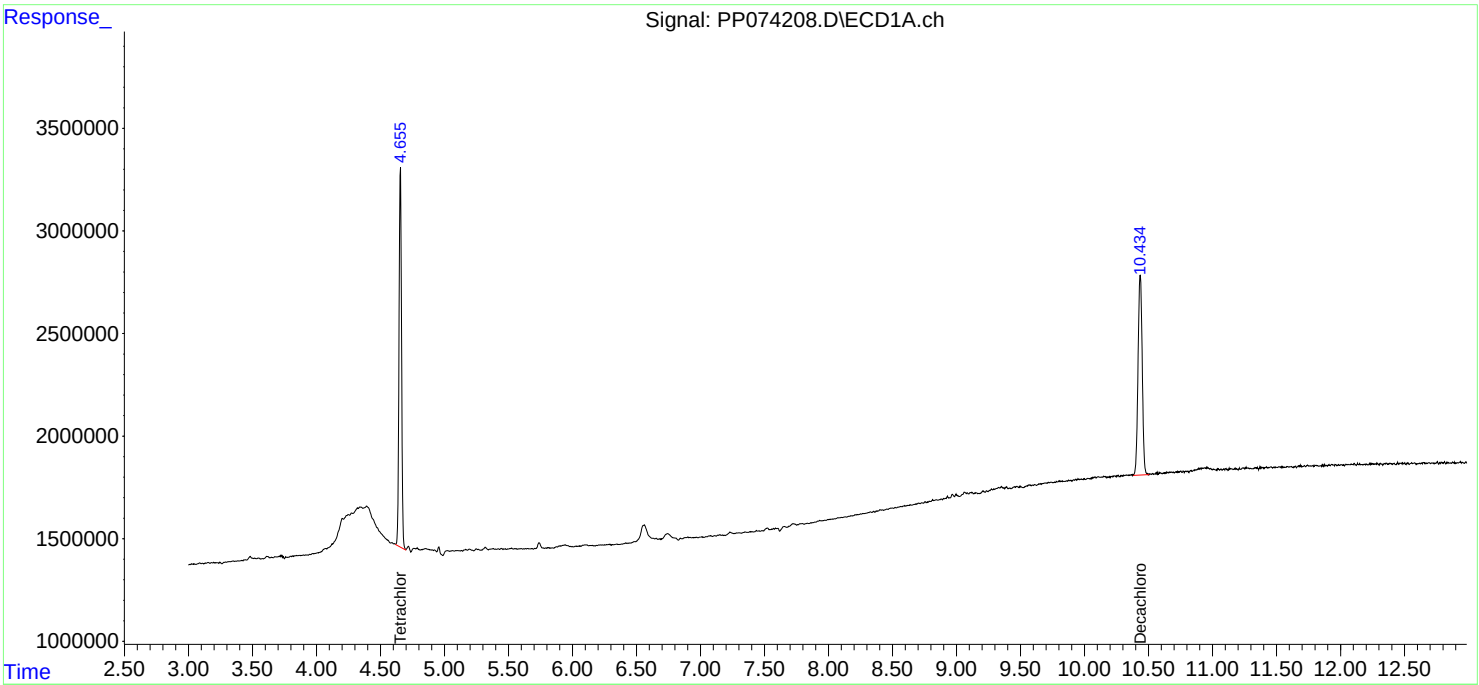
Instrument :
ECD_P
ClientSampleId :
PB169092BL

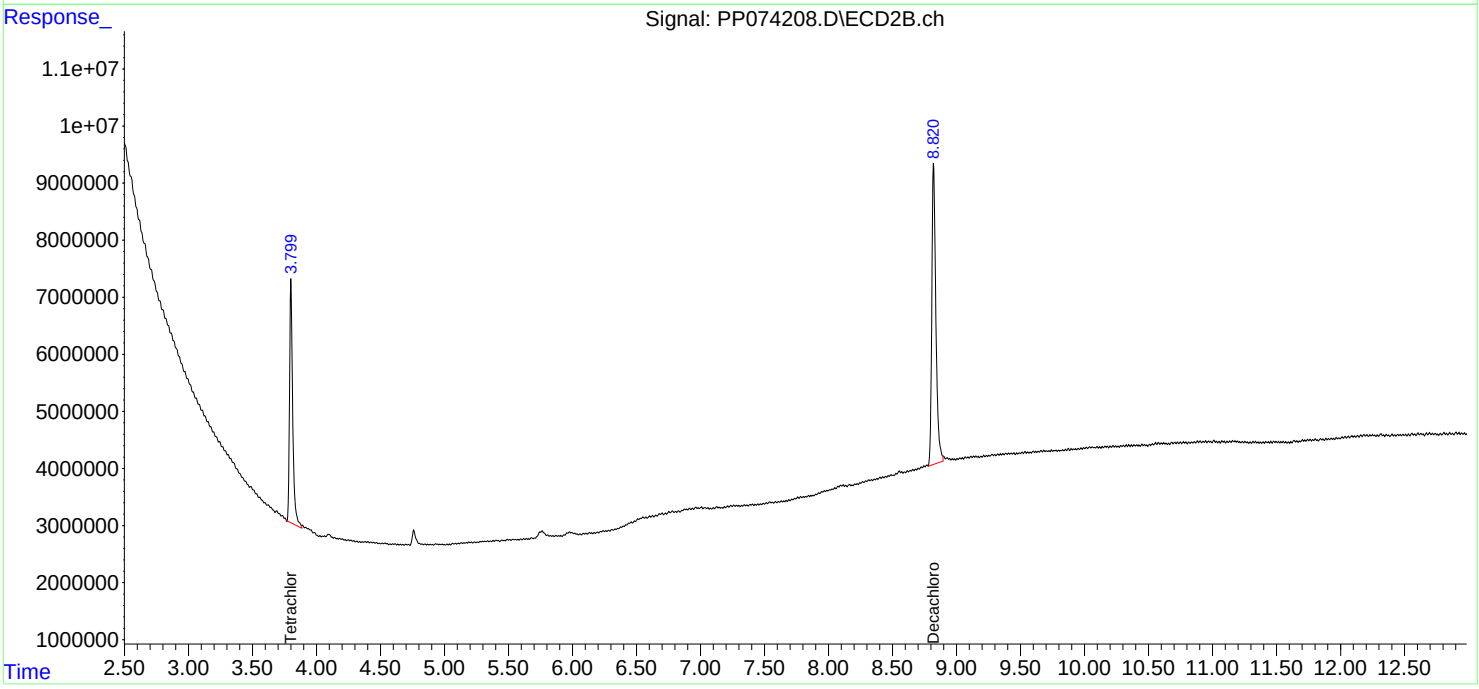
Manual Integrations APPROVED

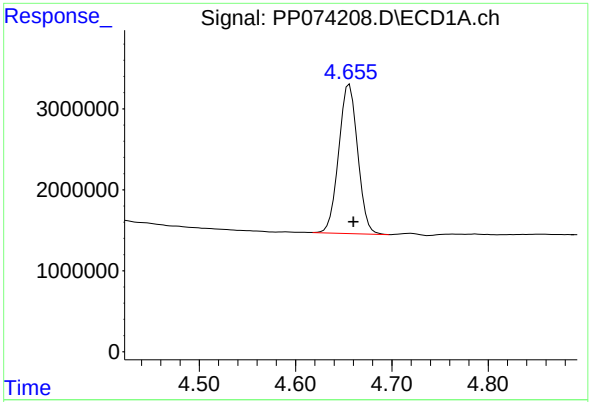
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:24:53 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







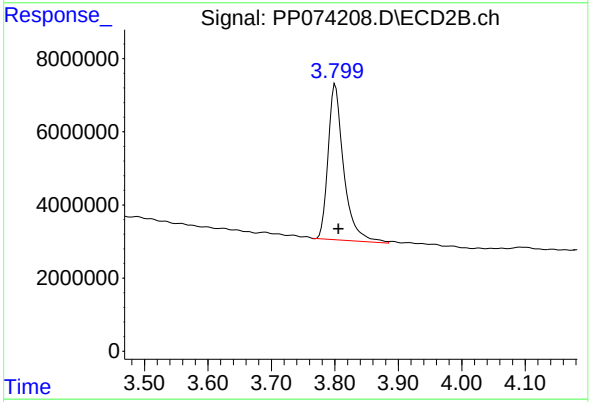
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 25186707
Conc: 22.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BL

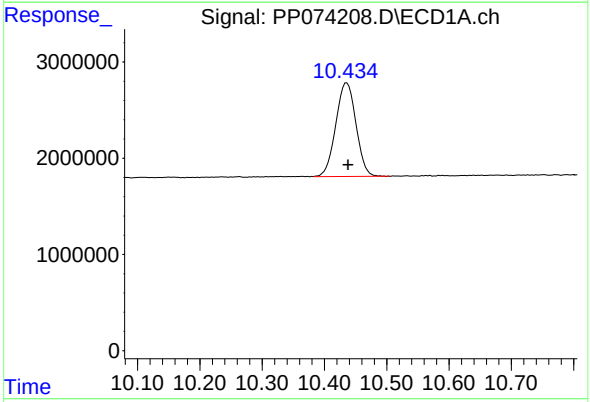
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



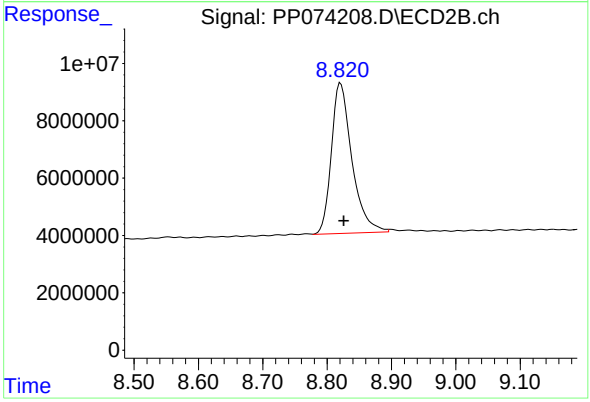
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 72738228
Conc: 18.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: -0.002 min
Response: 22030337
Conc: 22.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: -0.005 min
Response: 116409283
Conc: 19.36 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:	Nobis Group	Date Collected:	07/23/25
Project:	Raymark Superfund Site	Date Received:	07/23/25
Client Sample ID:	PIBLK-PO112413.D	SDG No.:	Q2747
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						

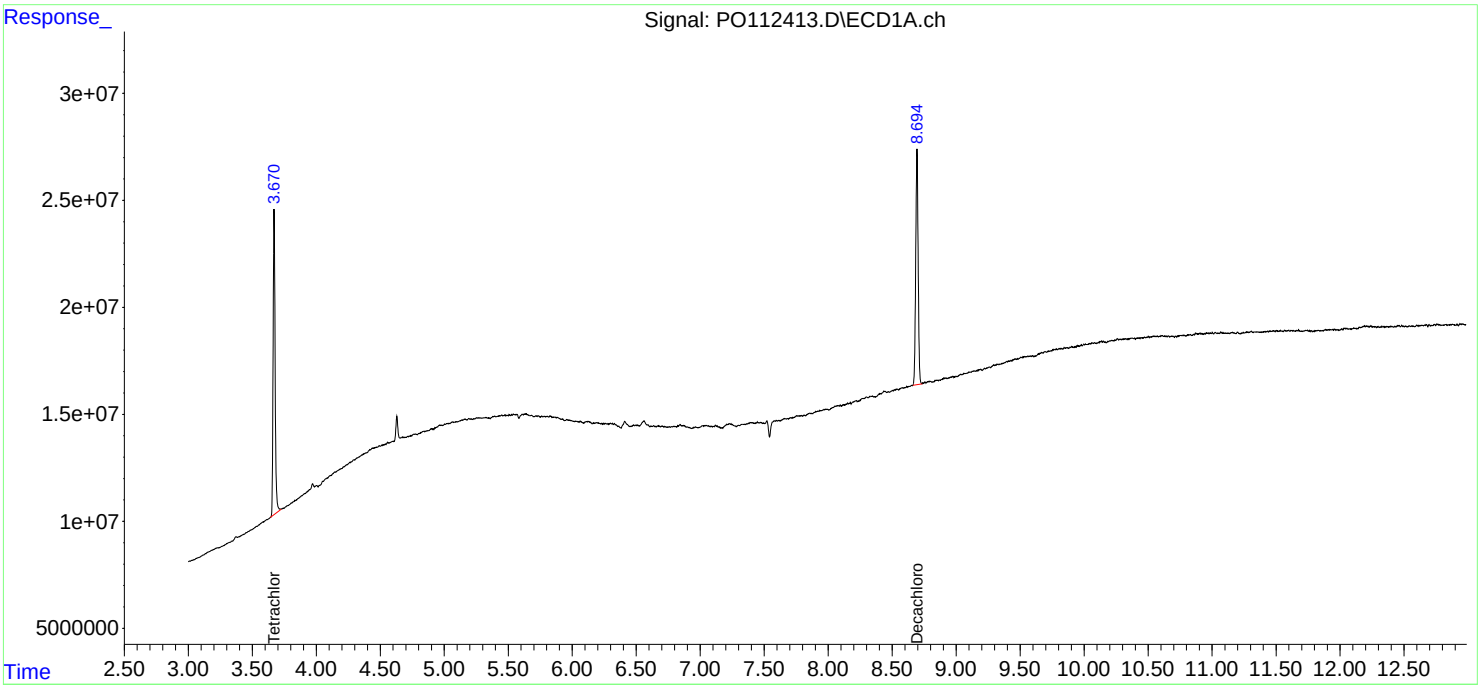
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

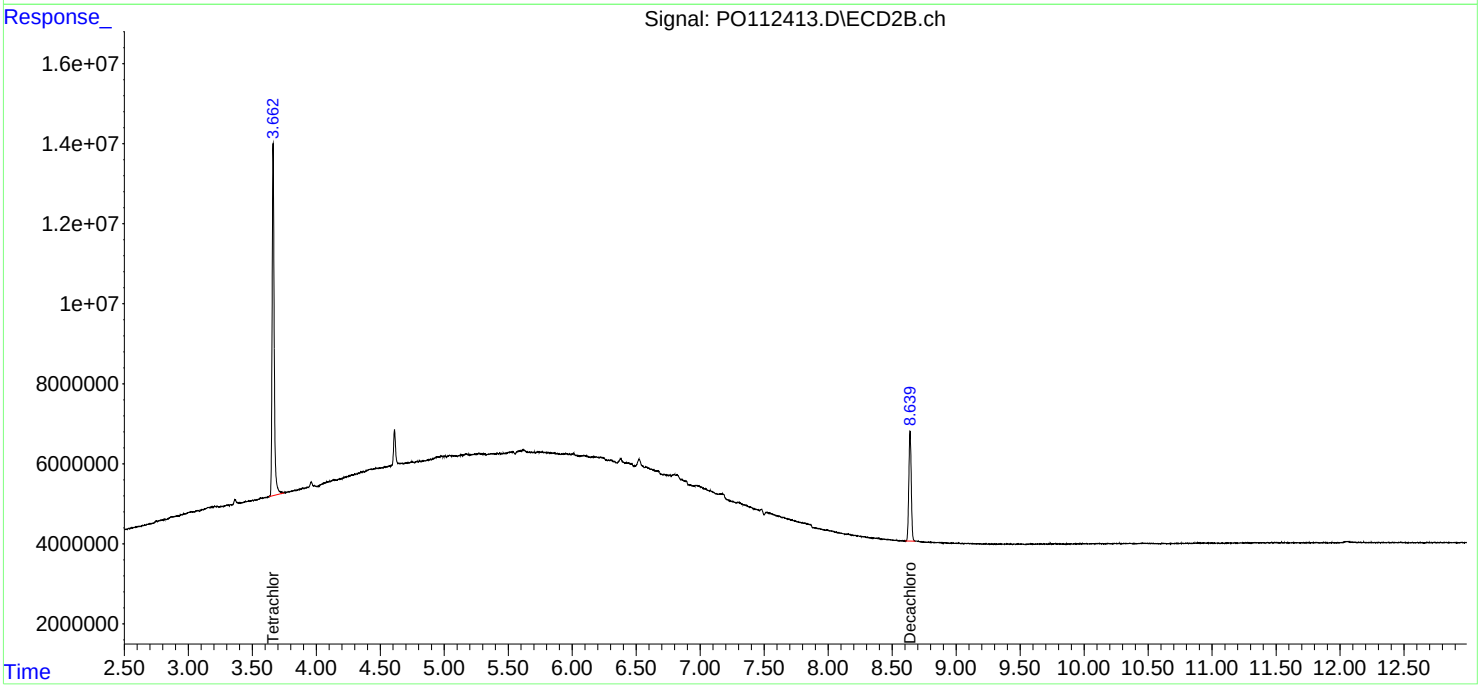
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

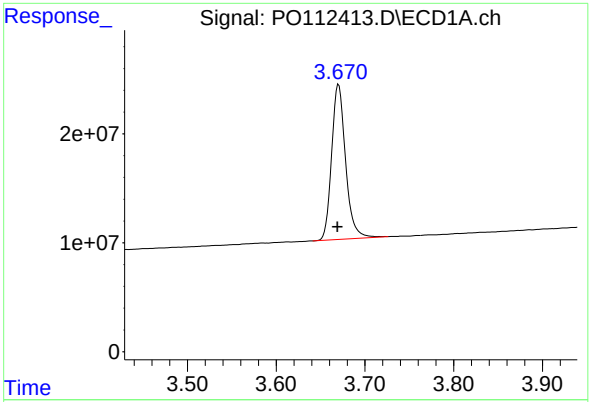
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



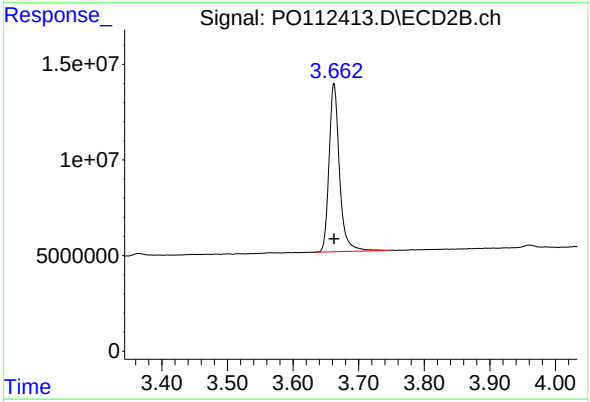




#1 Tetrachloro-m-xylene

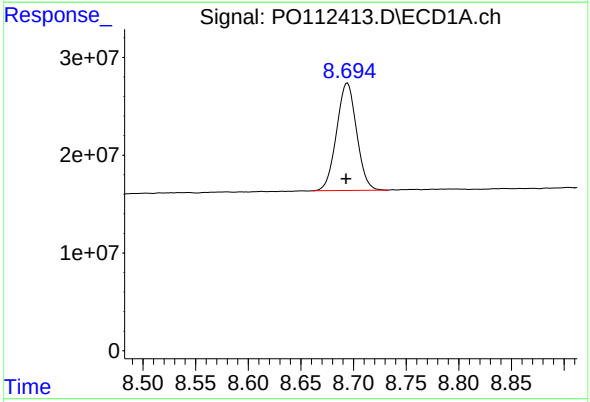
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 155090113
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



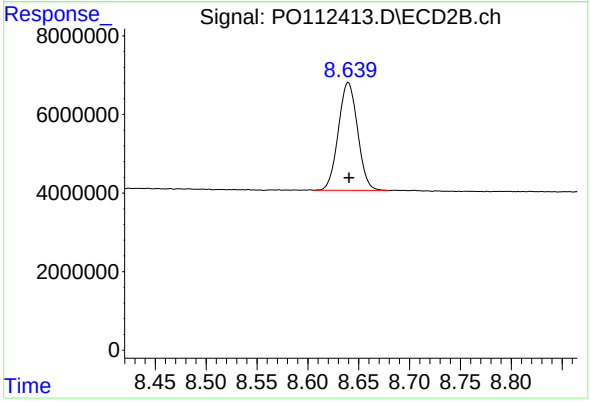
#1 Tetrachloro-m-xylene

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: **PO112722.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/04/25
Project:	Raymark Superfund Site	Date Received:	08/04/25
Client Sample ID:	PIBLK-PO112722.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PO112722.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
PO112722.D	1		08/04/25	PO080425

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	19.0		60 - 140		95%	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\PO080425\
Data File : PO112722.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 13:24
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 04 13:37:16 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...	3.667	3.659	160.8E6	94225662	19.769	18.962
2)	SA Decachlor...	8.689	8.634	140.6E6	34462134	19.227	19.502
	Target Compounds						

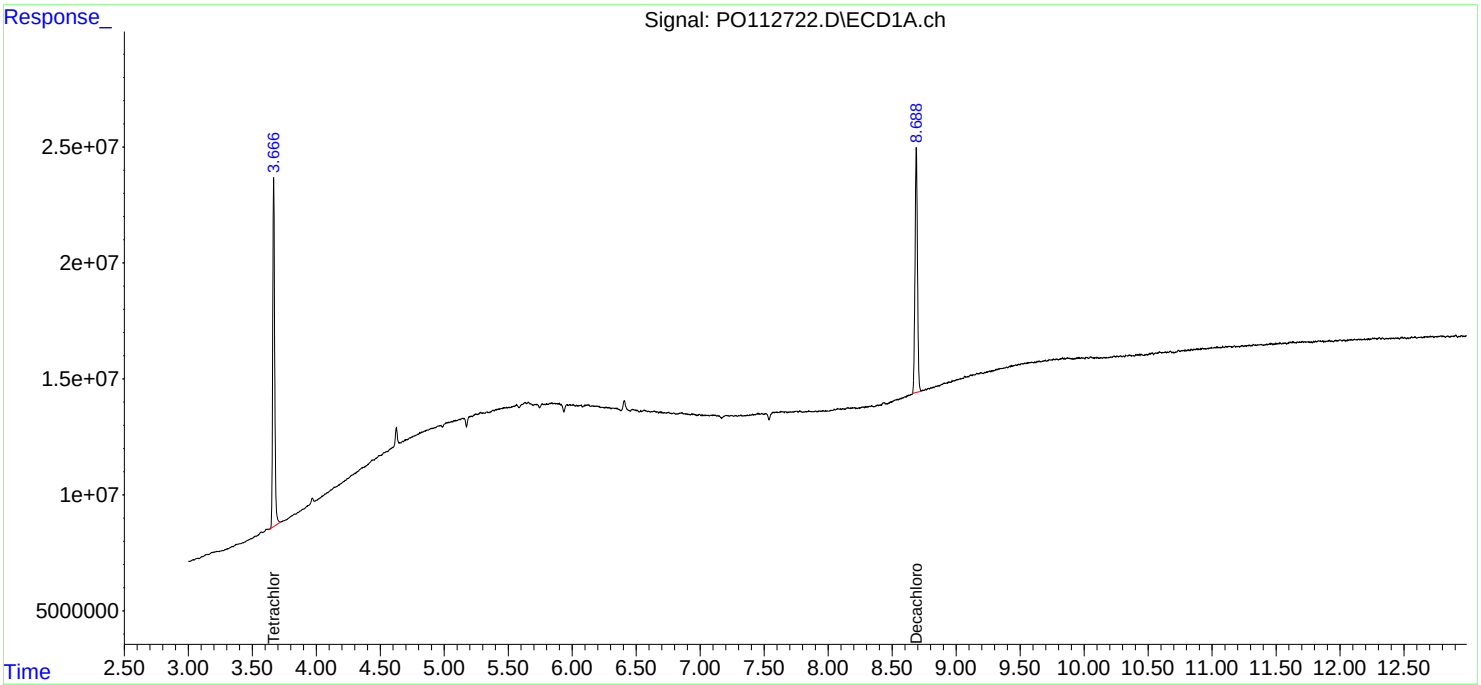
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

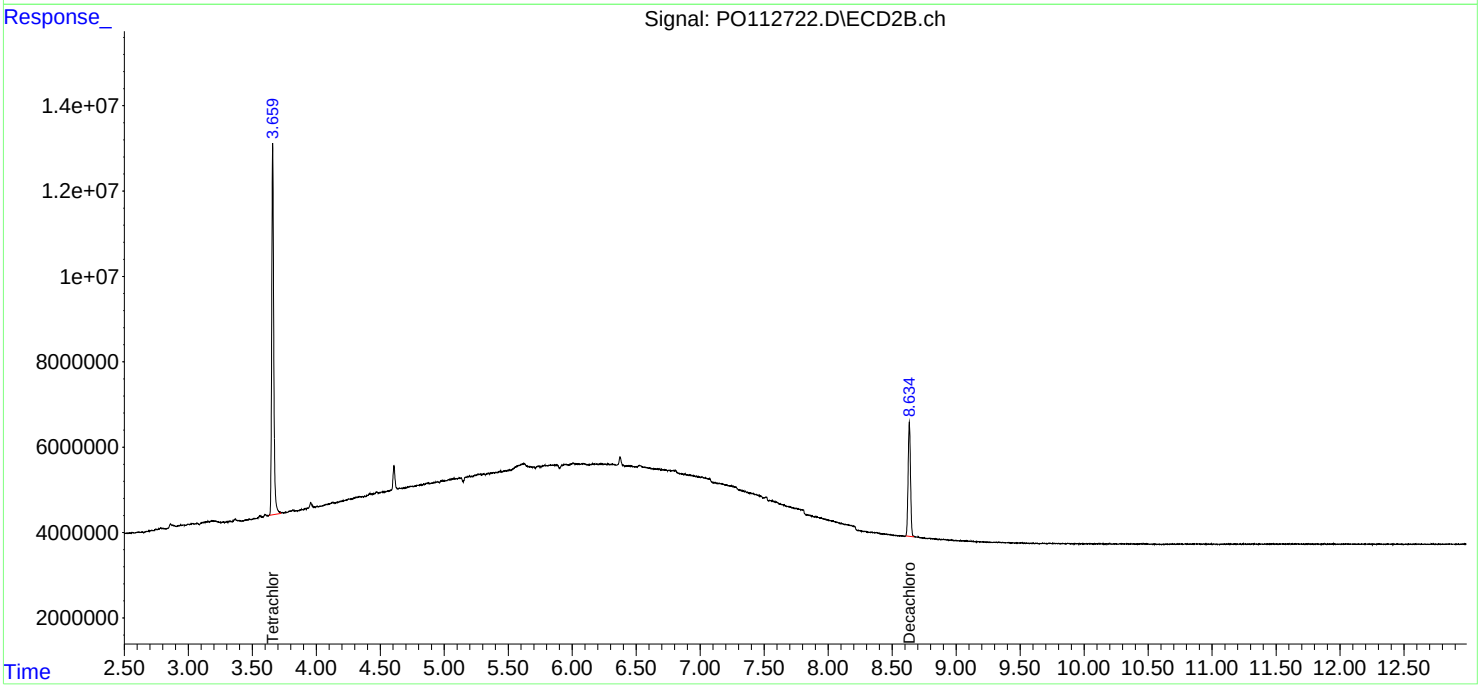
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112722.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 13:24
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

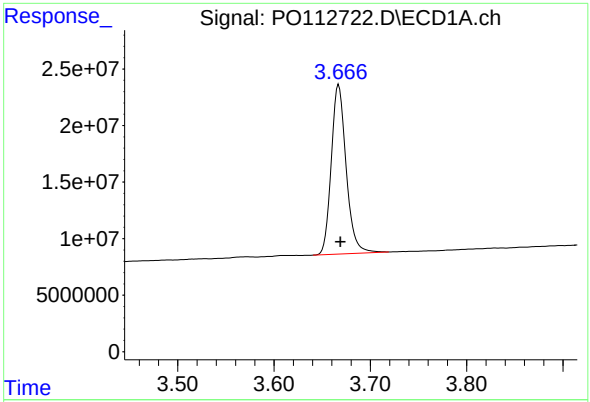
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 13:37:16 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



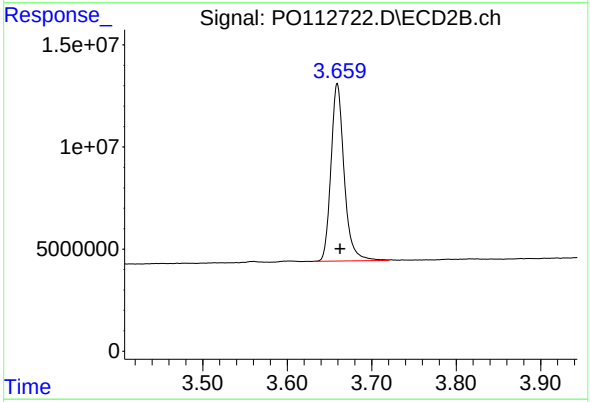




#1 Tetrachloro-m-xylene

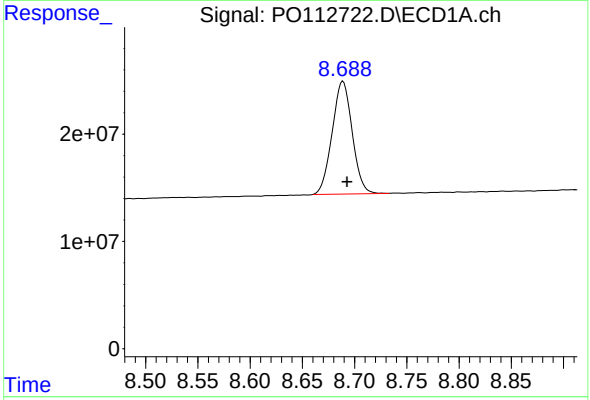
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 160754517
Conc: 19.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



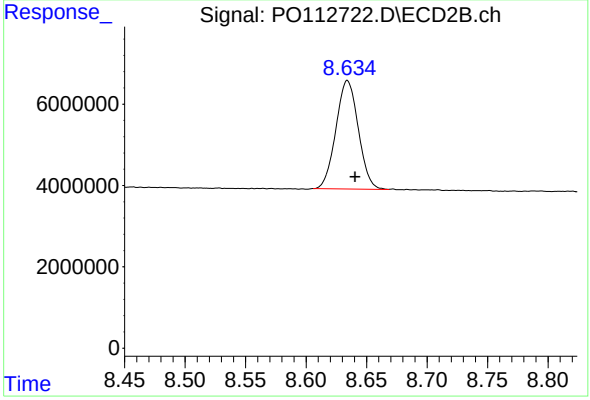
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 94225662
Conc: 18.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 140583156
Conc: 19.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 34462134
Conc: 19.50 ng/ml

Raw Data: **PO112732.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/04/25
Project:	Raymark Superfund Site	Date Received:	08/04/25
Client Sample ID:	PIBLK-PO112732.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PO112732.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
PO112732.D	1		08/04/25	po080425

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	18.8		60 - 140		94%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 140		92%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 17:22
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 05 01:45:48 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...	3.667	3.659	155.1E6	93505570	19.068	18.817
2)	SA Decachlor...	8.689	8.634	134.1E6	34502035	18.336	19.525
	Target Compounds						

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

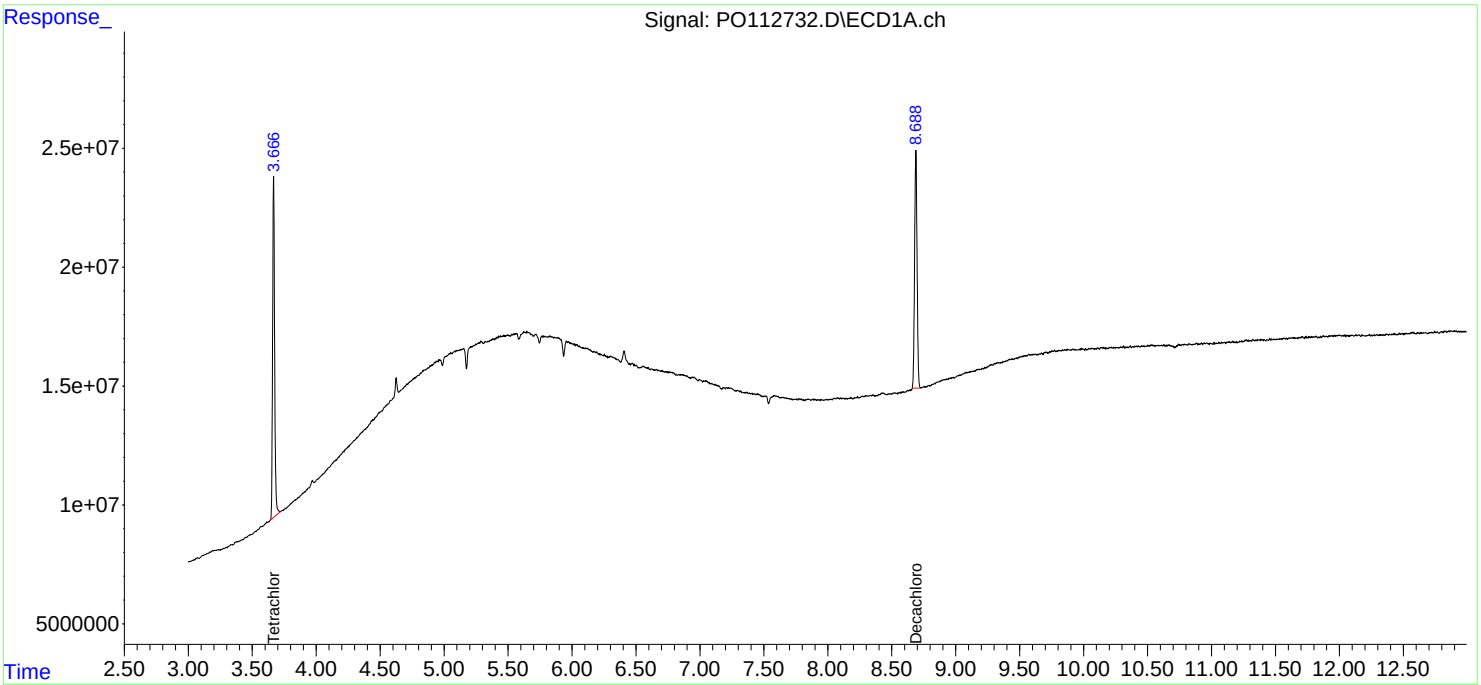
Sample Results: **PO112732.D**

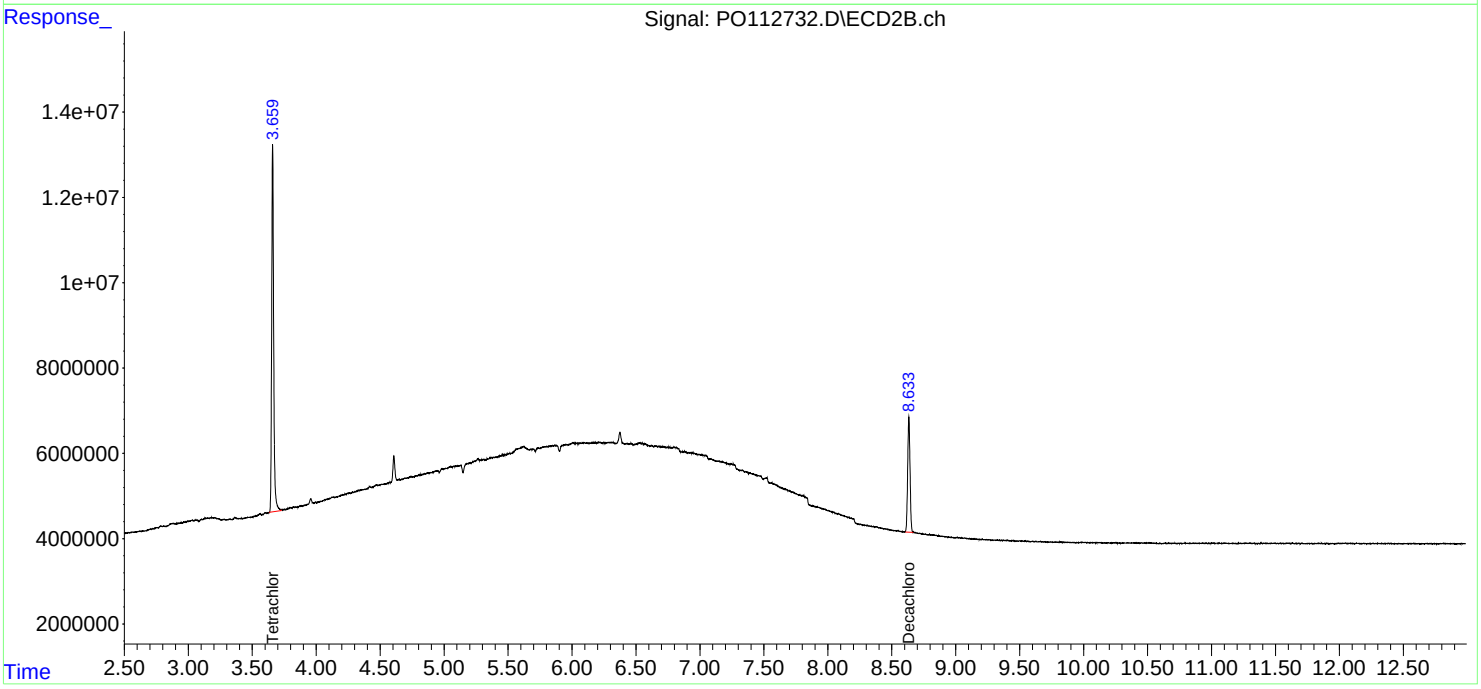
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 17:22
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

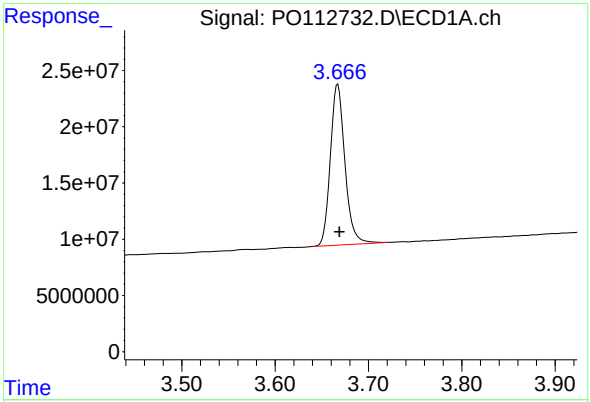
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:45:48 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



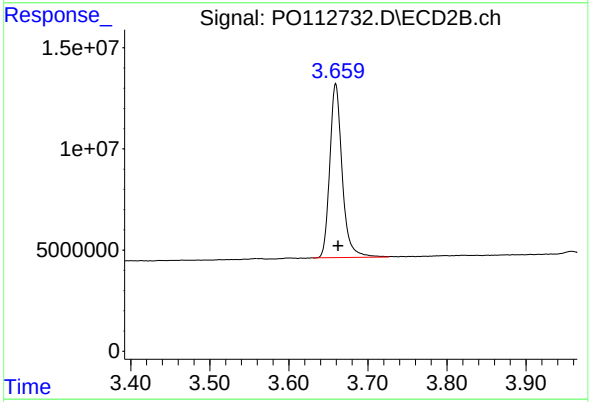




#1 Tetrachloro-m-xylene

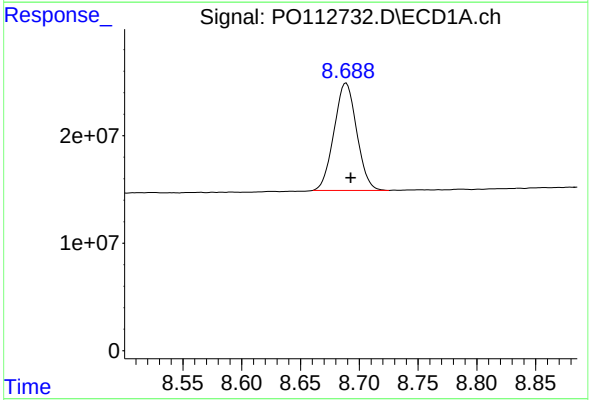
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 155050748
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



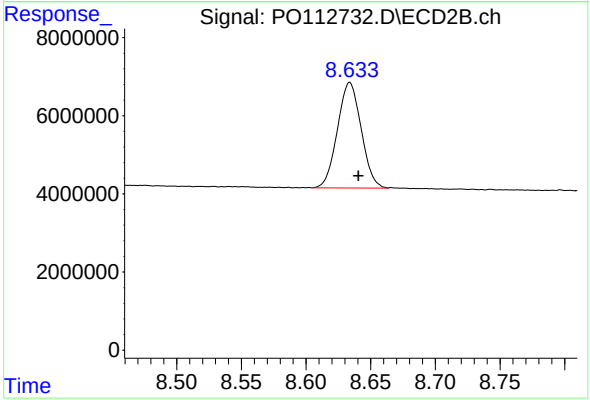
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 93505570
Conc: 18.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 134071094
Conc: 18.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.007 min
Response: 34502035
Conc: 19.52 ng/ml

Raw Data: **PO112741.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/05/25
Project:	Raymark Superfund Site	Date Received:	08/05/25
Client Sample ID:	PIBLK-PO112741.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PO112741.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
PO112741.D	1		08/05/25	po080525

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	19.7		60 - 140		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		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

Sample Results: **PO112741.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:50
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 05 11:05:15 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...	3.670	3.659	169.3E6	97878986	20.814	19.697
2)	SA Decachlor...	8.691	8.633	145.5E6	36158118	19.903	20.462
	Target Compounds						

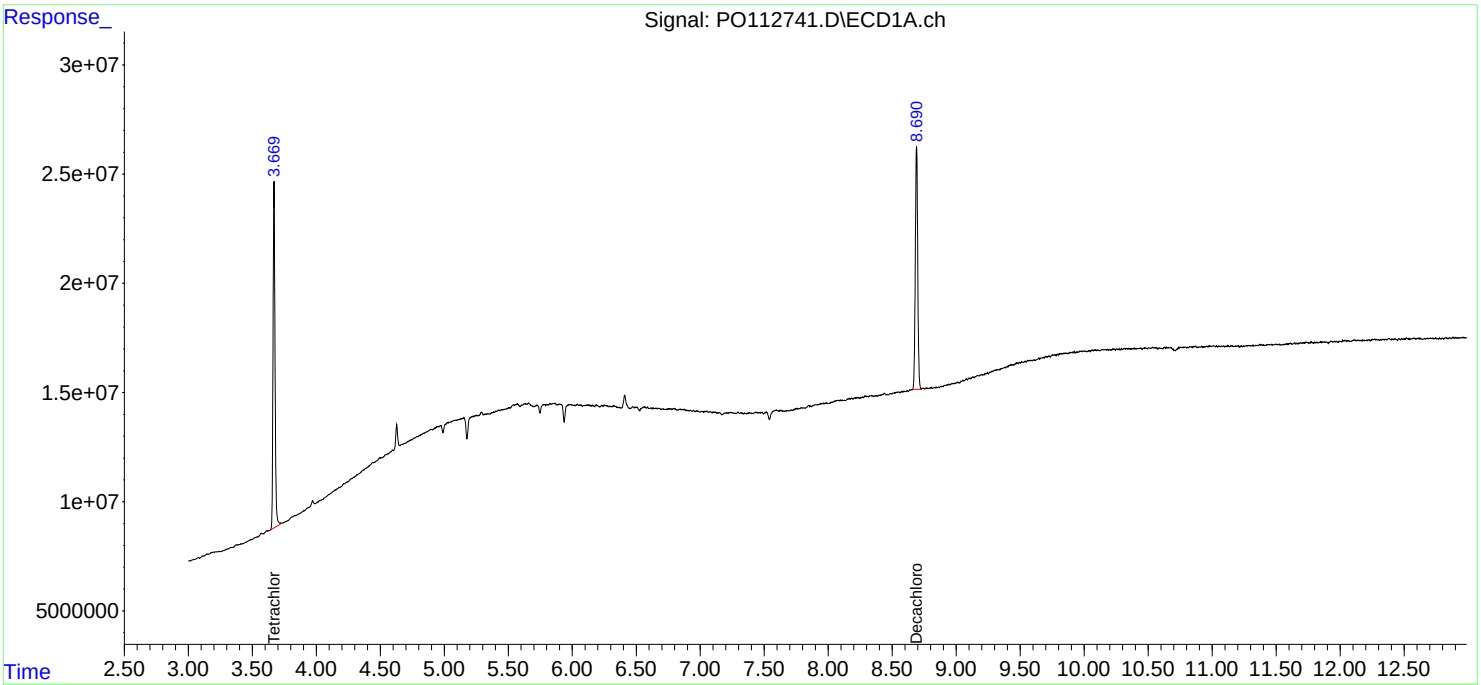
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

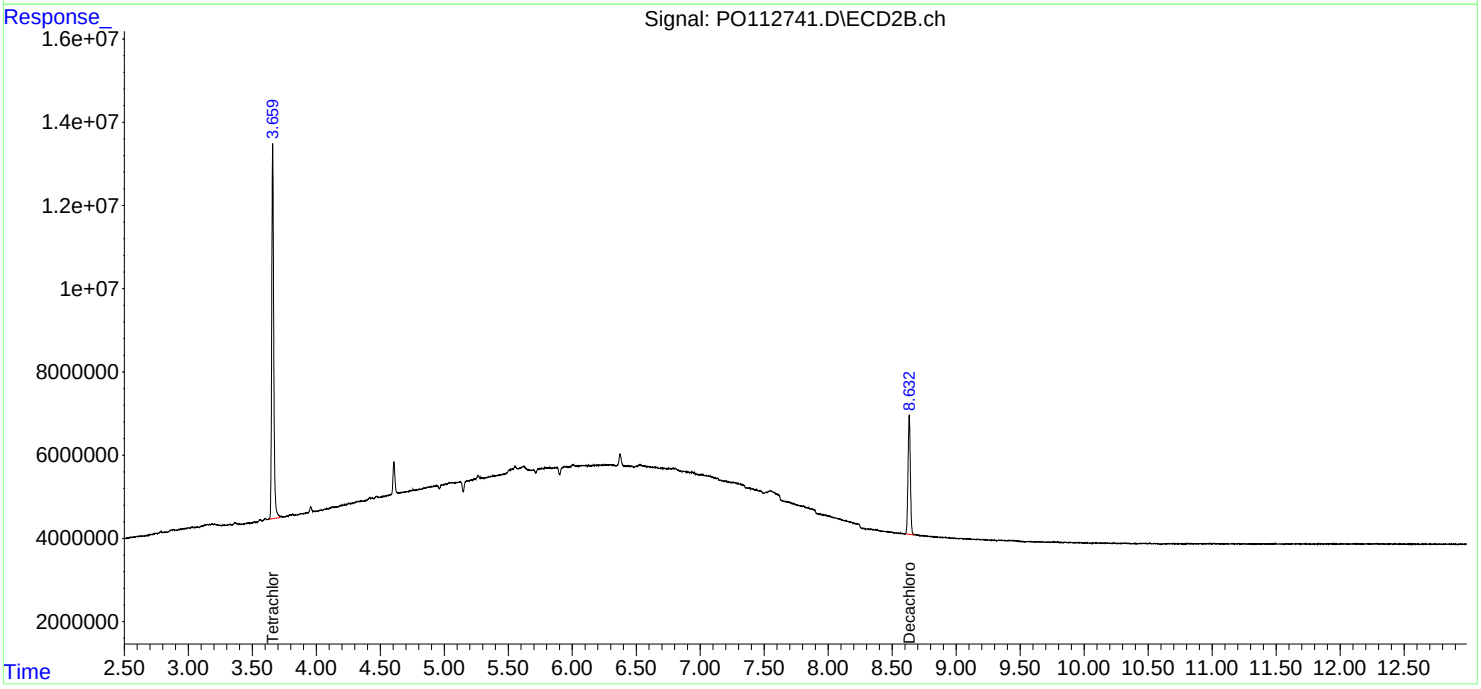
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:50
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

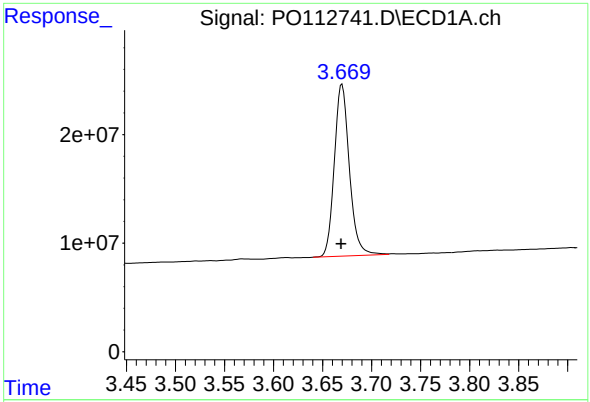
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:05:15 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



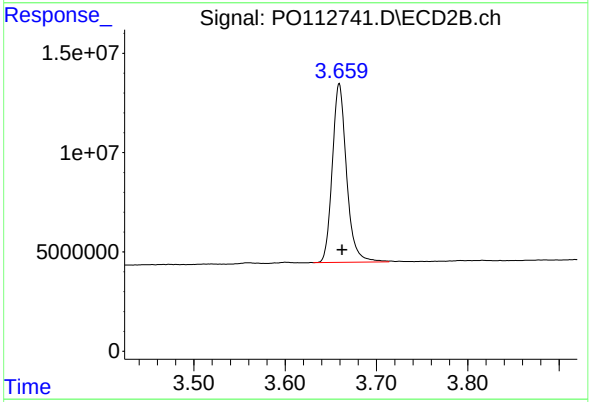




#1 Tetrachloro-m-xylene

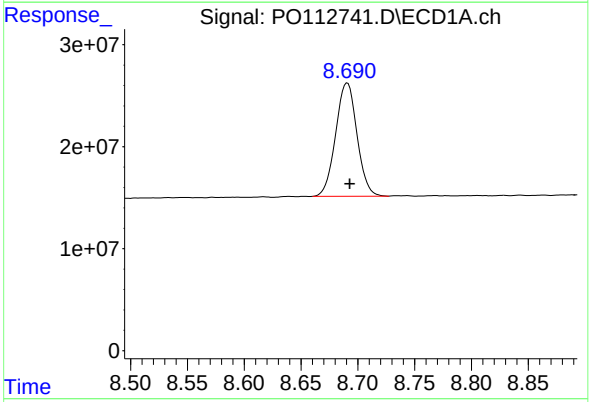
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 169253309
Conc: 20.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



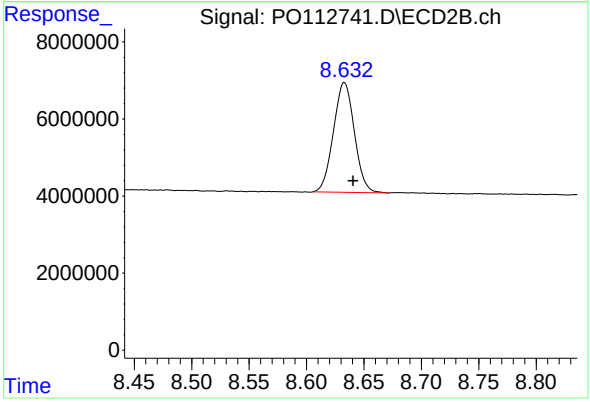
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 97878986
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 145526290
Conc: 19.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 36158118
Conc: 20.46 ng/ml

Raw Data: **PO112748.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/05/25
Project:	Raymark Superfund Site	Date Received:	08/05/25
Client Sample ID:	PIBLK-PO112748.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PO112748.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
PO112748.D	1		08/05/25	po080525

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	17.4		60 - 140		87%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 140		89%	SPK: 20

Comments:

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

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

Sample Results: **PO112748.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 11:32
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 12:13:23 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...	3.667	3.659	147.4E6	86613928	18.128	17.430
2)	SA Decachlor...	8.686	8.632	129.9E6	32242998	17.763m	18.246m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 11:32
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

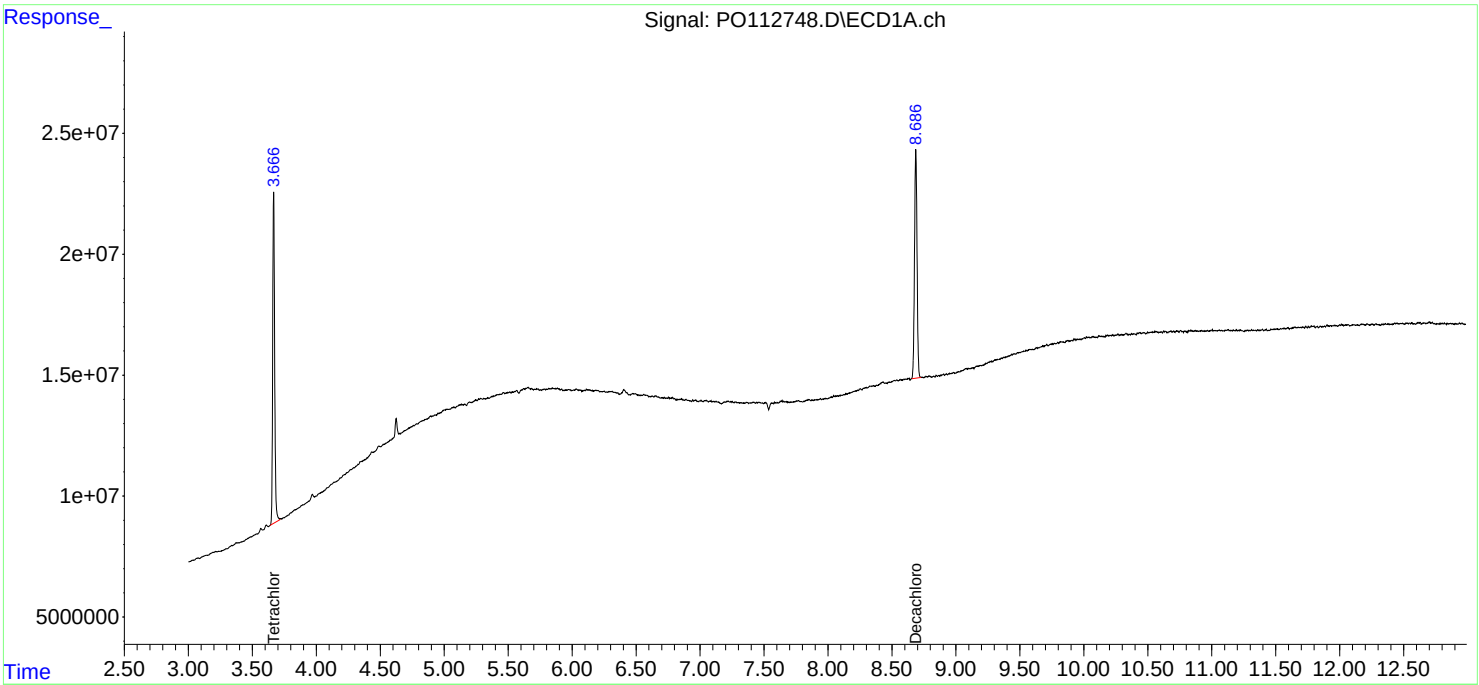
Instrument :
ECD_O
ClientSampleId :
I.BLK

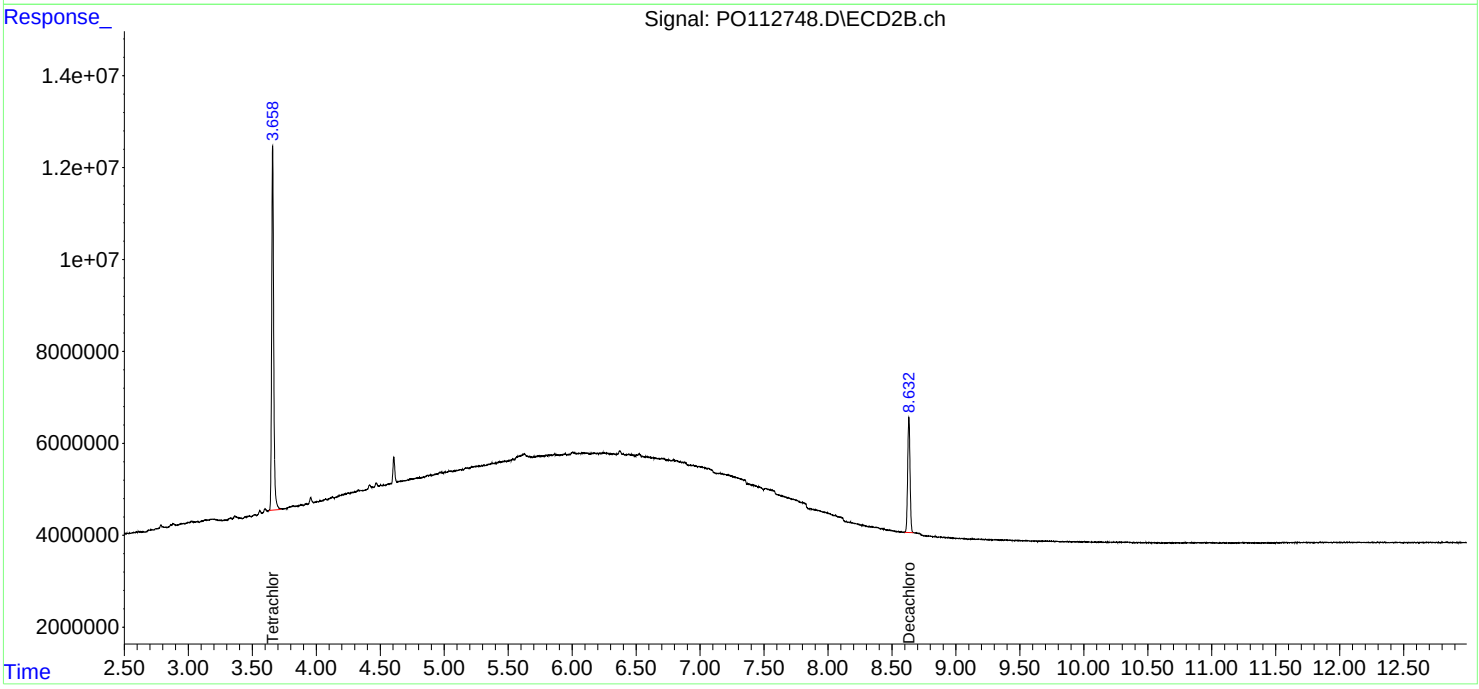
Manual Integrations APPROVED

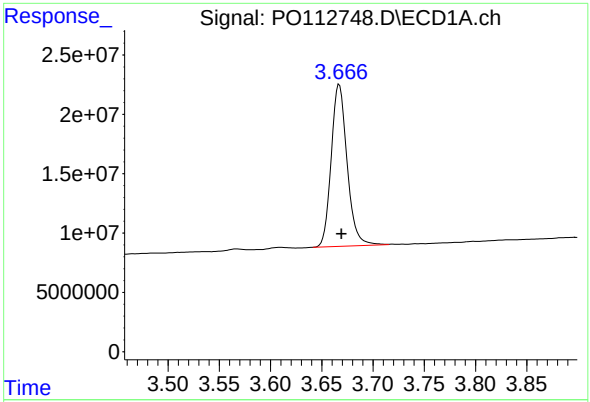
Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 12:13:23 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







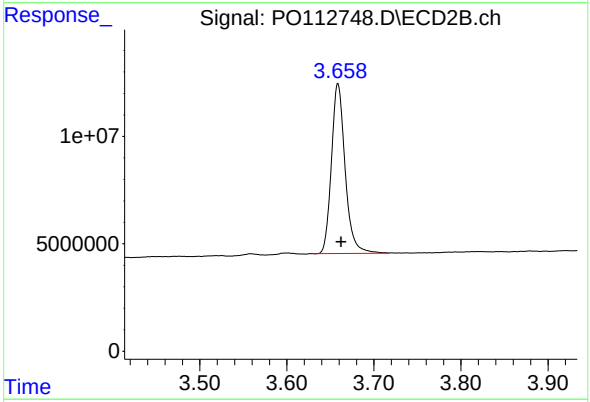
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 147411909
Conc: 18.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

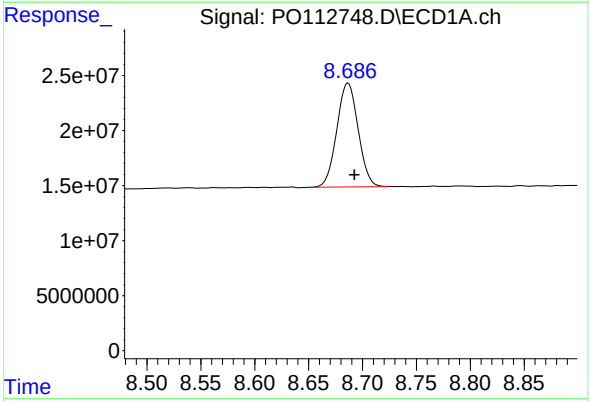
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



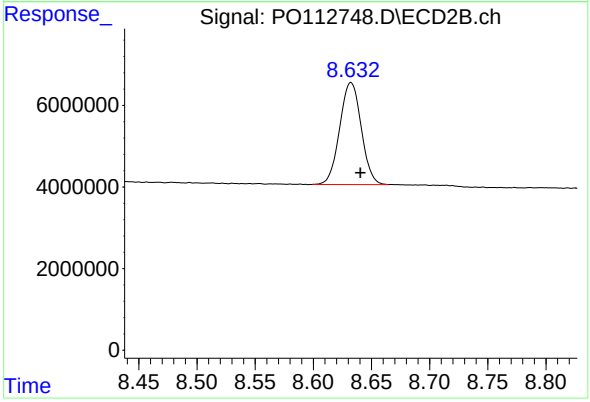
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 86613928
Conc: 17.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 129881146
Conc: 17.76 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.009 min
Response: 32242998
Conc: 18.25 ng/ml m

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:	Nobis Group	Date Collected:	08/01/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	PIBLK-PP074167.D	SDG No.:	Q2747
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 :	3510C		

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
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	19.1		35 - 137		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		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: **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						

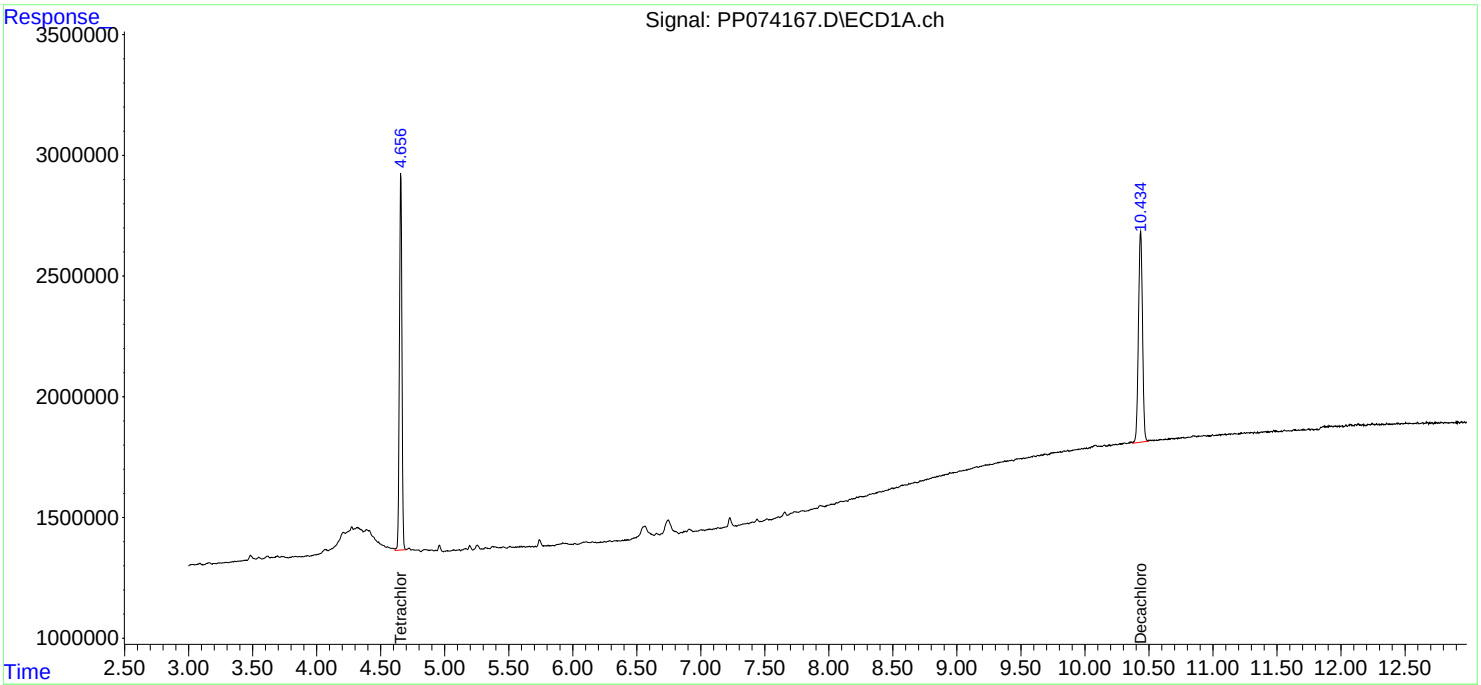
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

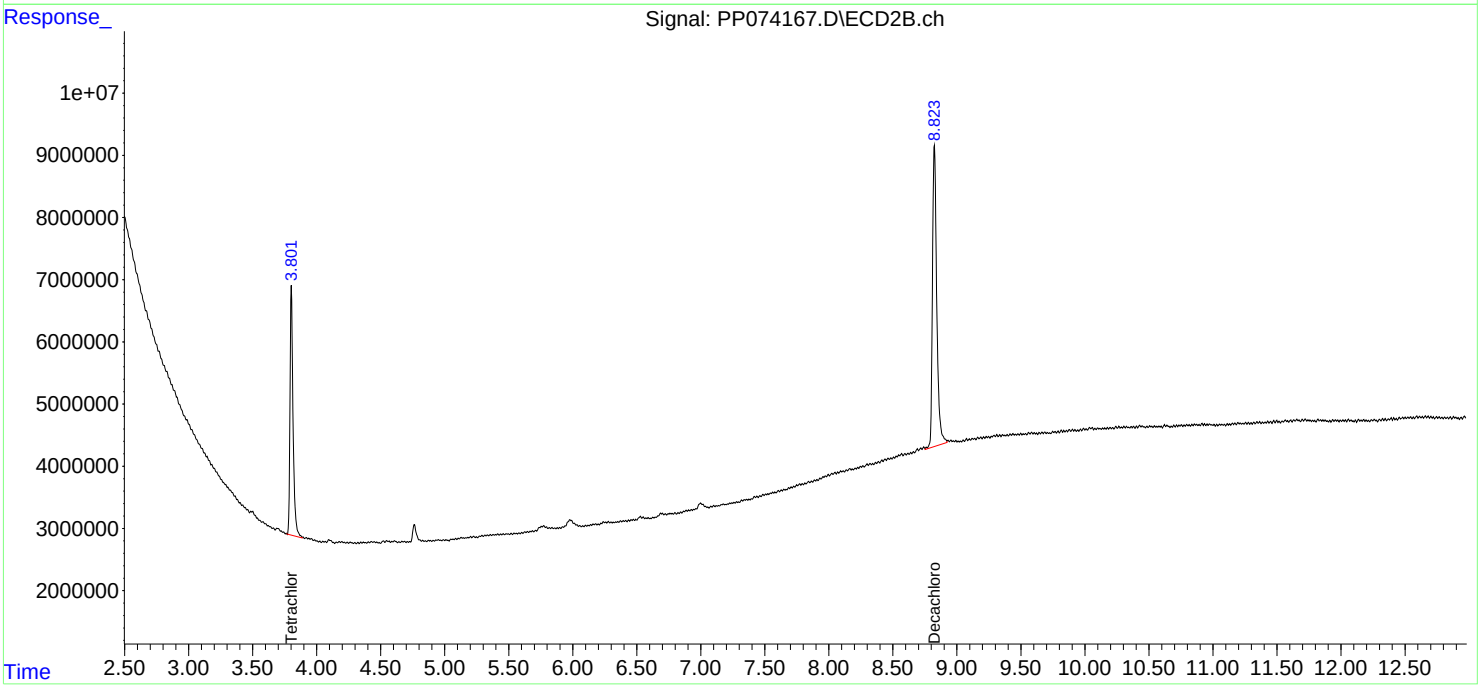
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

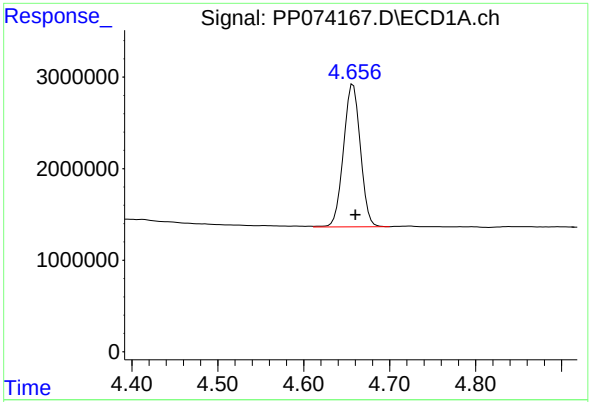
Instrument :
ECD_P
ClientSampleId :
I.BLK

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



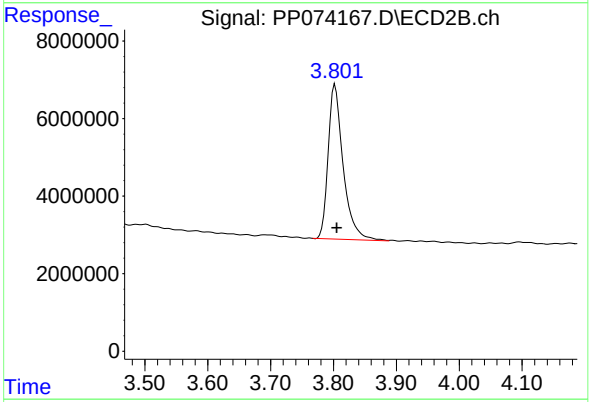




#1 Tetrachloro-m-xylene

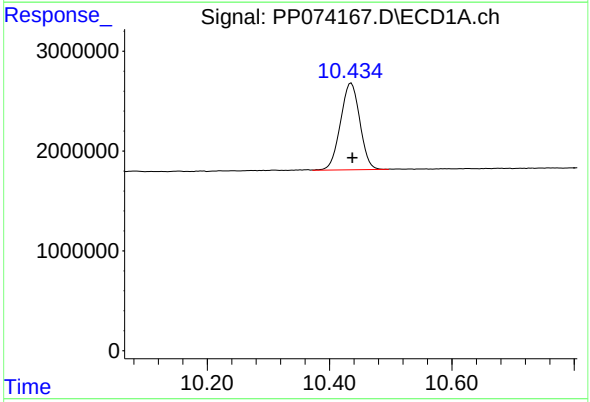
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 21300659
Conc: 19.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



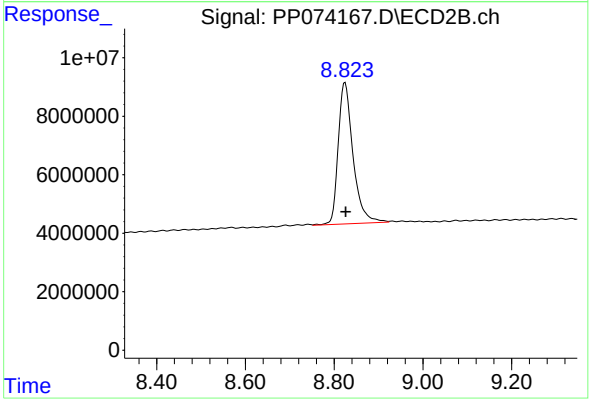
#1 Tetrachloro-m-xylene

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: **PP074206.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/04/25
Project:	Raymark Superfund Site	Date Received:	08/04/25
Client Sample ID:	PIBLK-PP074206.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PP074206.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
PP074206.D	1		08/04/25	PP080425

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	17.9		60 - 140		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 140		91%	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: **PP074206.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 10:53
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 04 14:06:34 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	3.801	24335828	68719503	21.761	17.922
2)	SA Decachlor...	10.431	8.820	20761549	109.8E6	21.378	18.264
	Target Compounds						

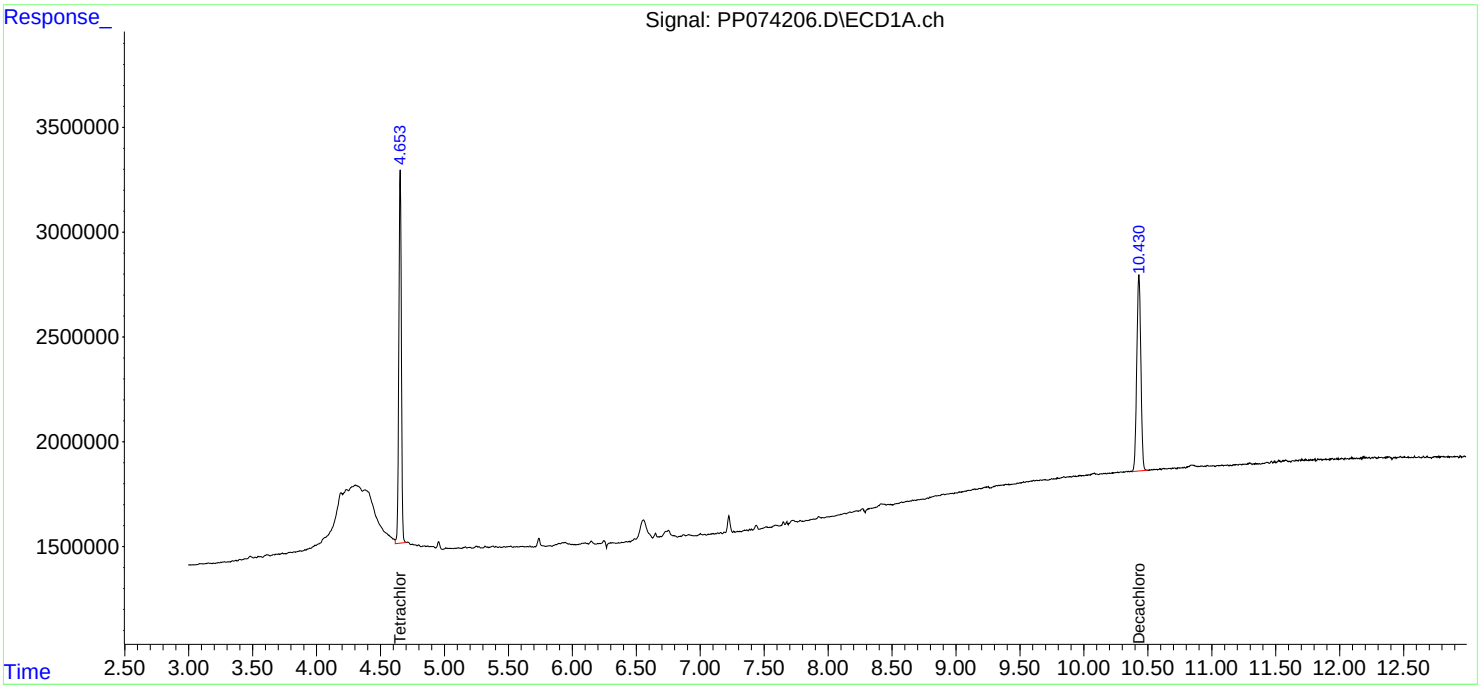
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

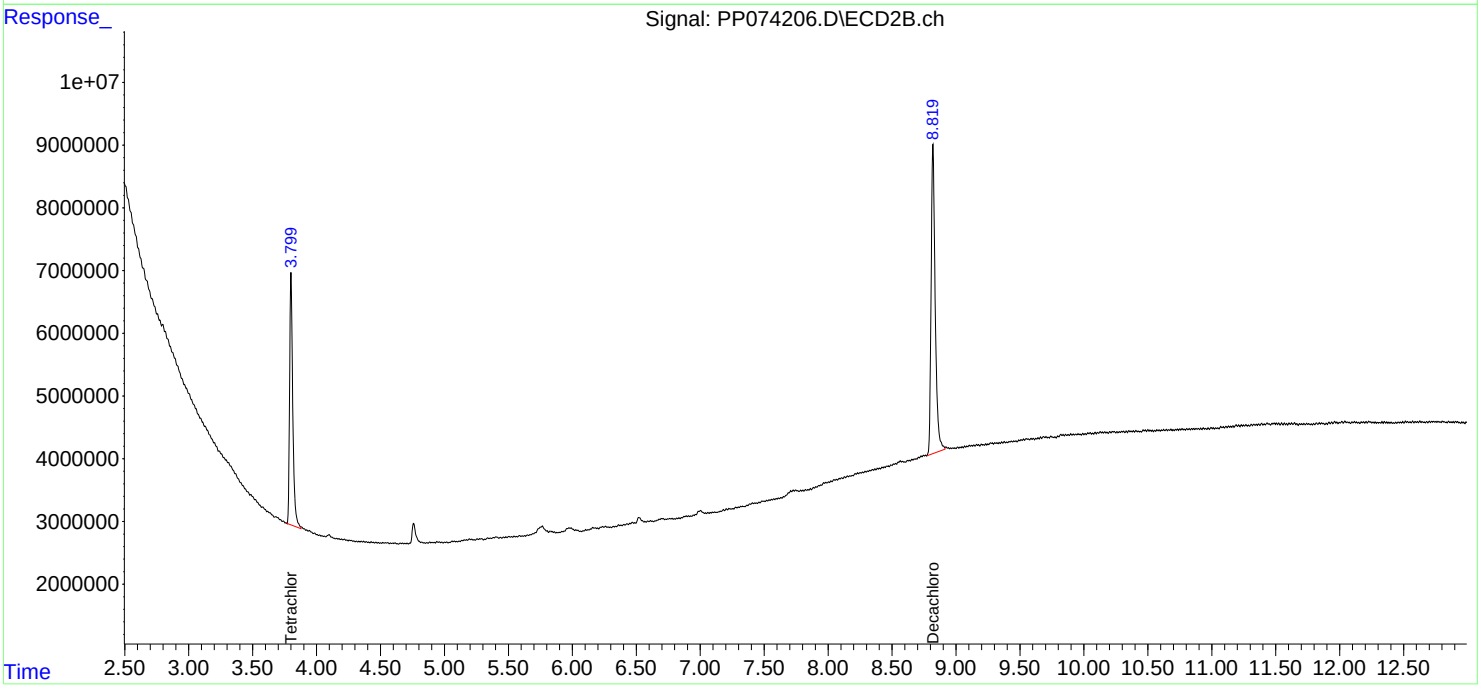
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 10:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

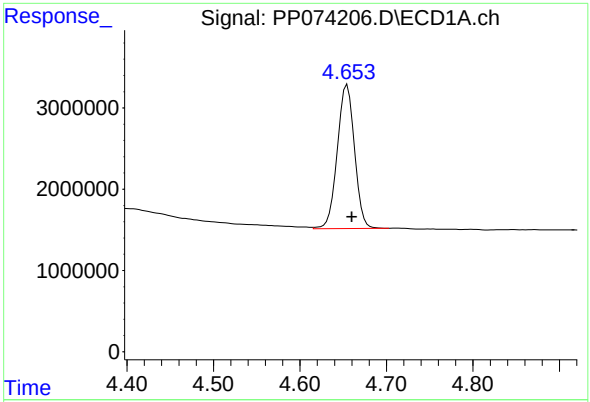
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:06:34 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



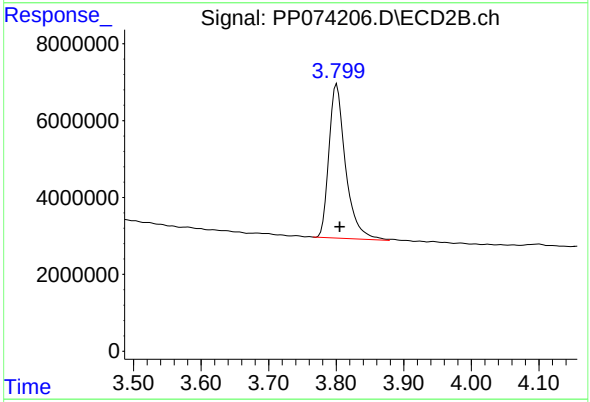




#1 Tetrachloro-m-xylene

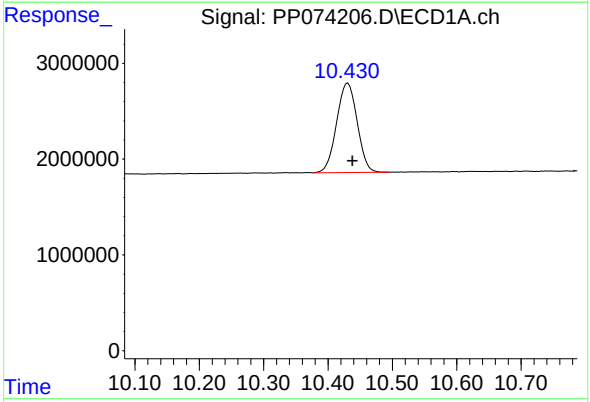
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 24335828
Conc: 21.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



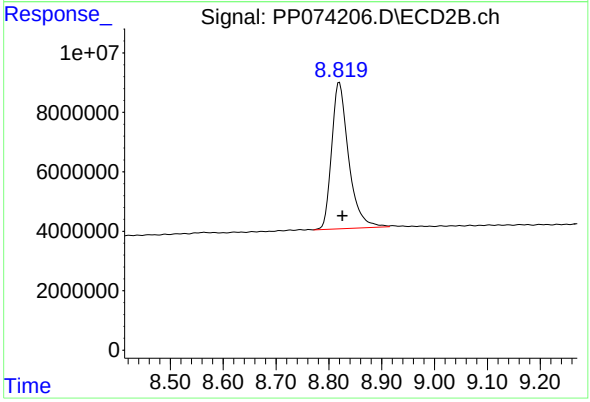
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 68719503
Conc: 17.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.007 min
Response: 20761549
Conc: 21.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 109833678
Conc: 18.26 ng/ml

Raw Data: **PP074217.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/04/25
Project:	Raymark Superfund Site	Date Received:	08/04/25
Client Sample ID:	PIBLK-PP074217.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PP074217.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
PP074217.D	1		08/04/25	PP080425

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	18.3		60 - 140		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140		95%	SPK: 20

Comments:

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

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

Sample Results: **PP074217.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 15:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 16:03:25 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	3.806	24494220	70140160	21.903	18.292
2)	SA Decachlor...	10.437	8.825	21183073	113.9E6	21.812	18.932
	Target Compounds						

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

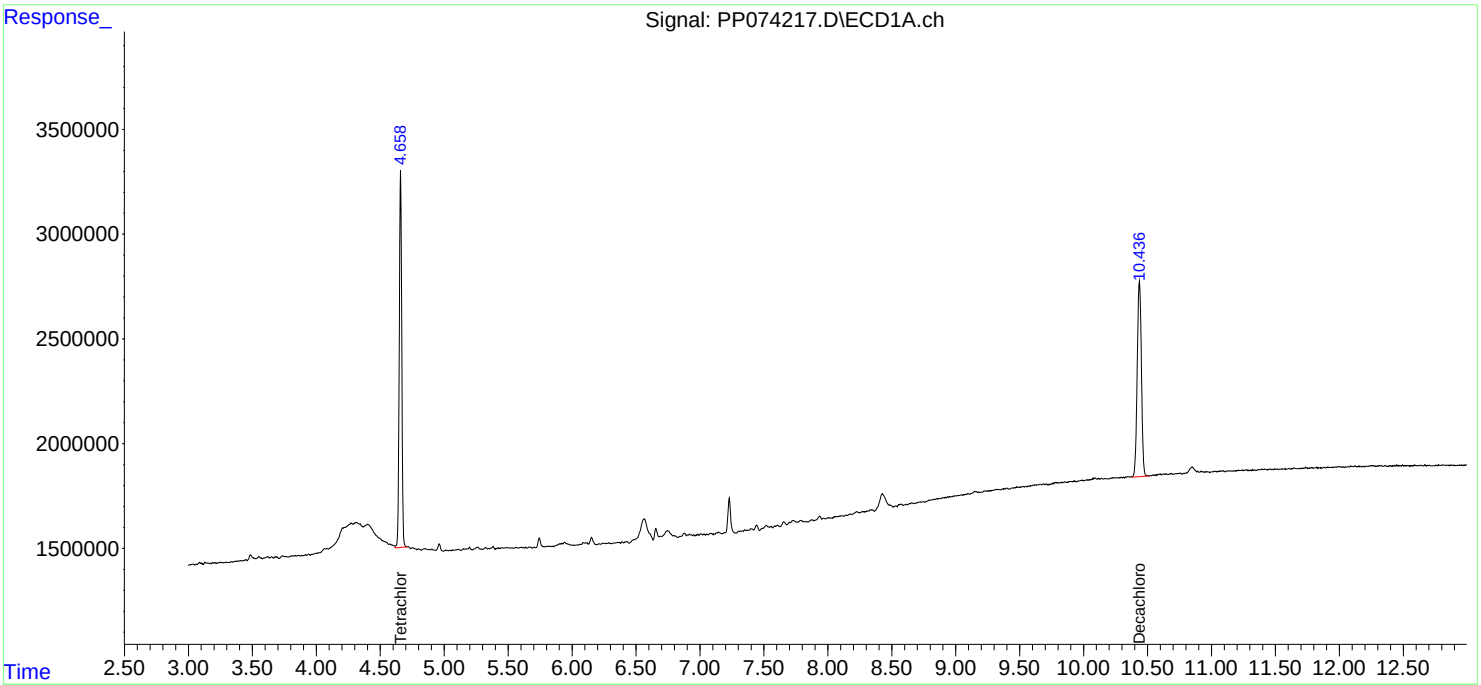
Sample Results: **PP074217.D**

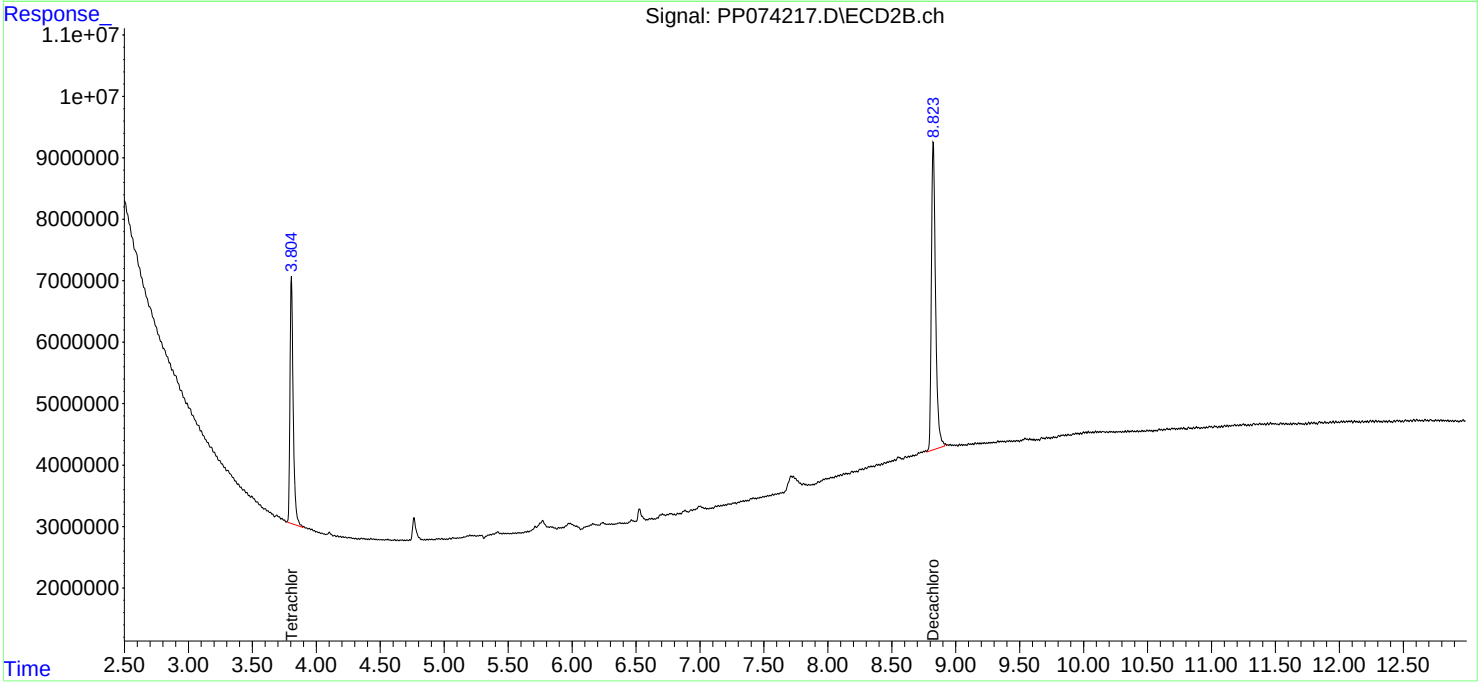
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 15:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

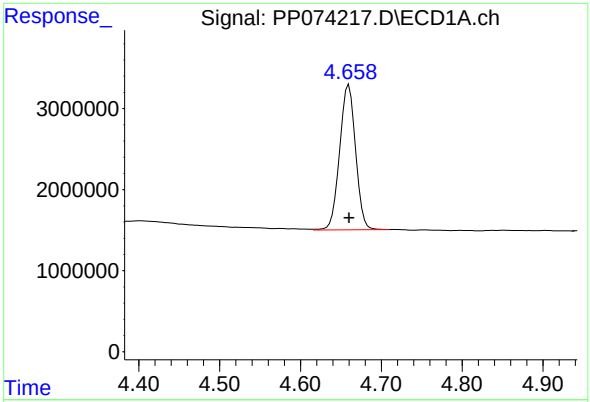
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 16:03:25 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



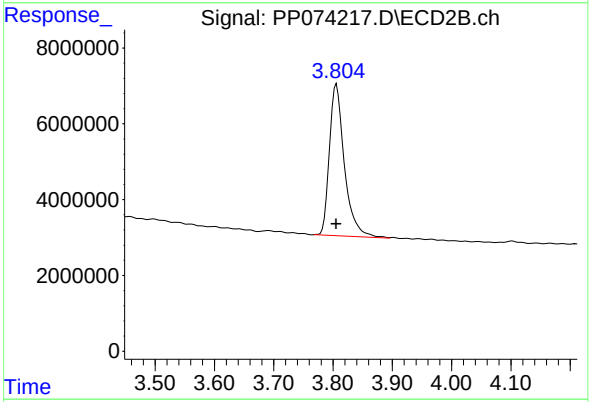




#1 Tetrachloro-m-xylene

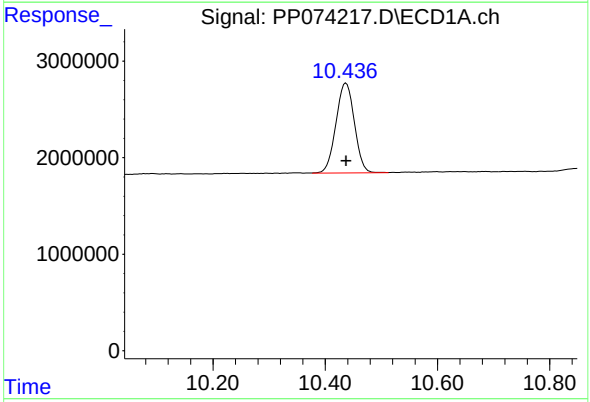
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 24494220
Conc: 21.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



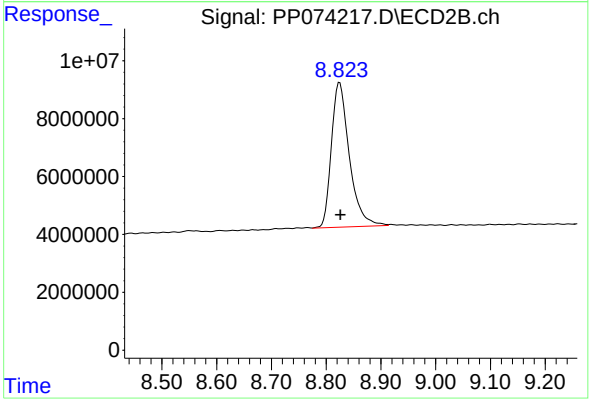
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 70140160
Conc: 18.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 21183073
Conc: 21.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 113852808
Conc: 18.93 ng/ml

Raw Data: **PP074220.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/05/25
Project:	Raymark Superfund Site	Date Received:	08/05/25
Client Sample ID:	PIBLK-PP074220.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PP074220.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
PP074220.D	1		08/05/25	pp080525

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		96%	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

Sample Results: **PP074220.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:57
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 05 11:41:13 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...	4.663	3.802	25070198	73371043	22.418	19.135
2)	SA Decachlor...	10.440	8.822	21451968	118.2E6	22.089	19.658
	Target Compounds						

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

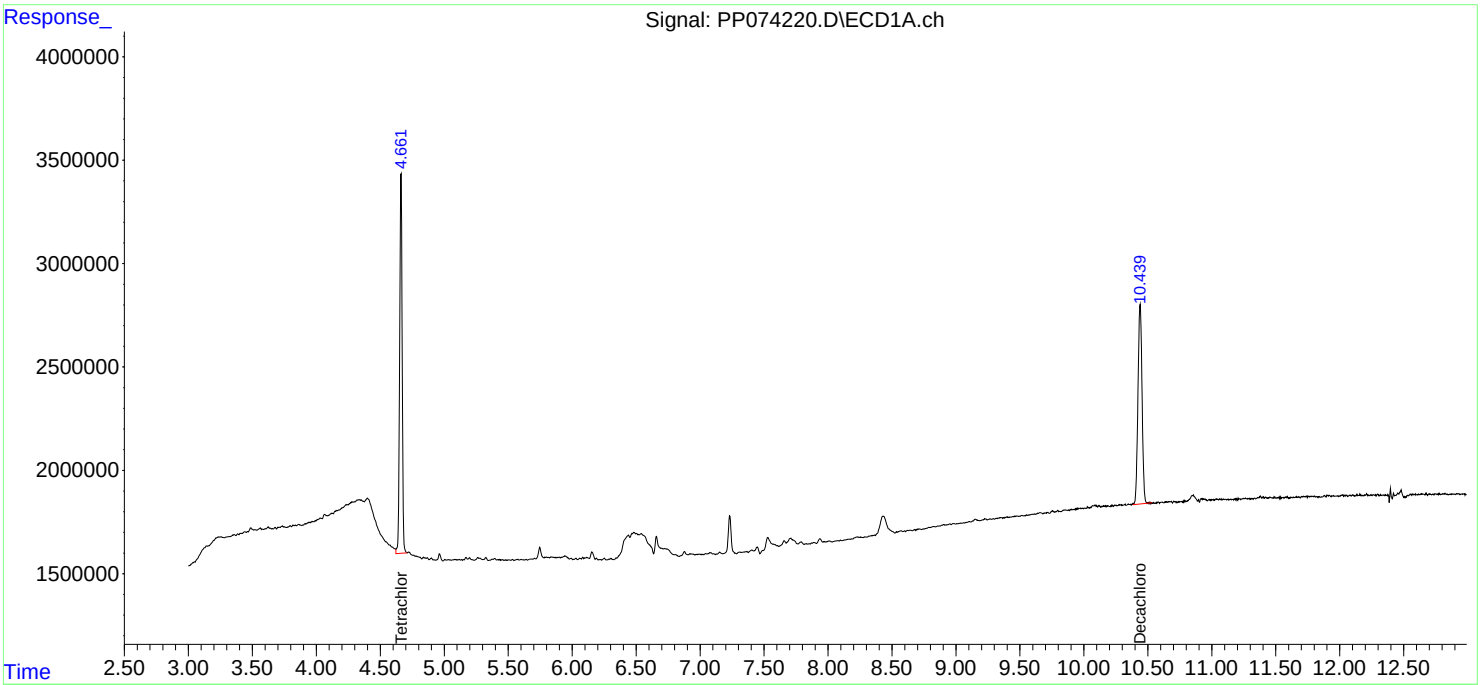
Sample Results: **PP074220.D**

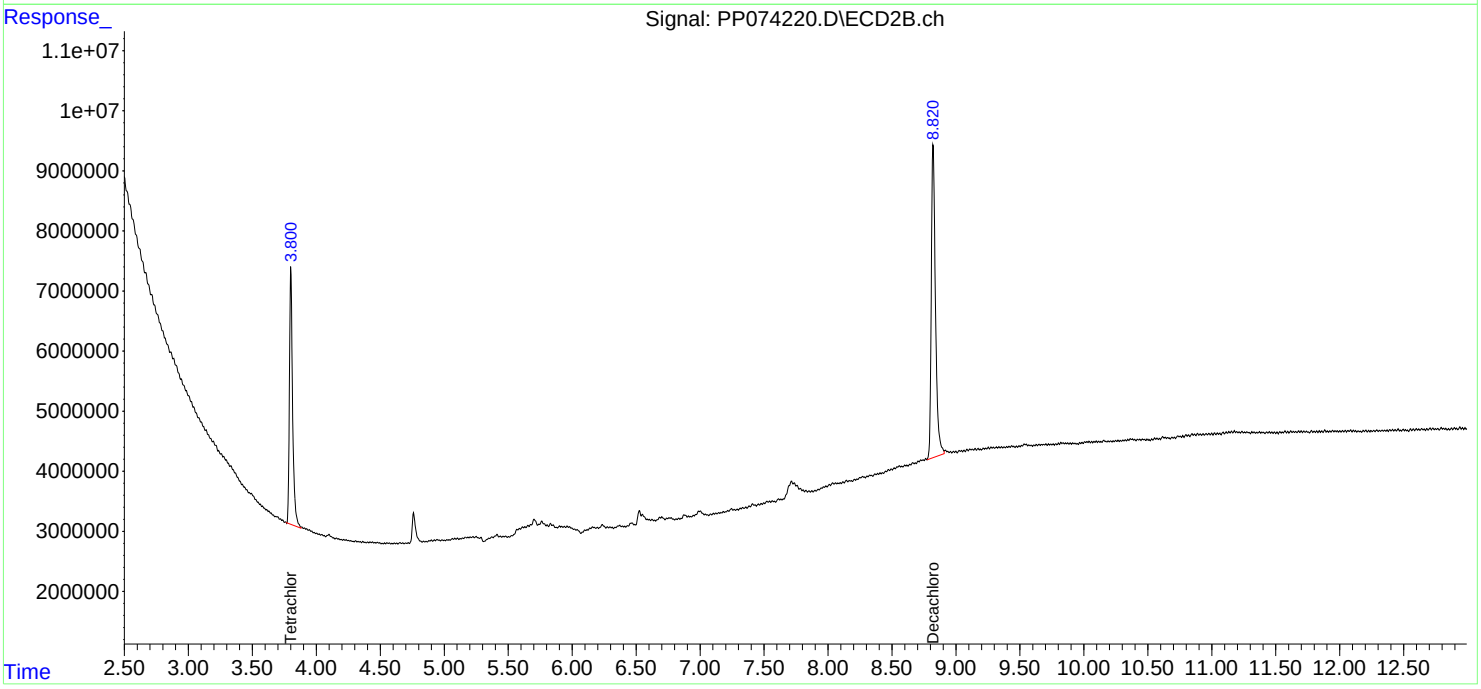
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:57
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

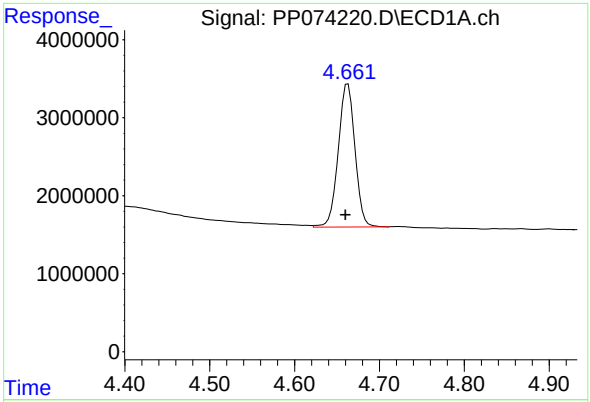
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:41:13 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



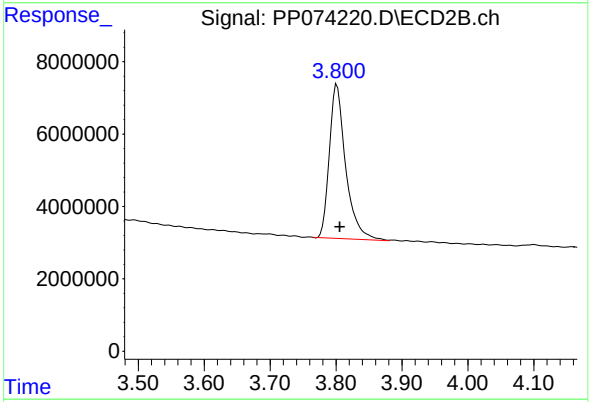




#1 Tetrachloro-m-xylene

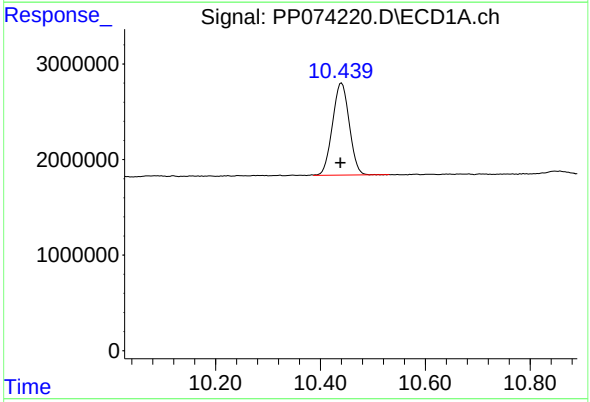
R.T.: 4.663 min
Delta R.T.: 0.003 min
Response: 25070198
Conc: 22.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



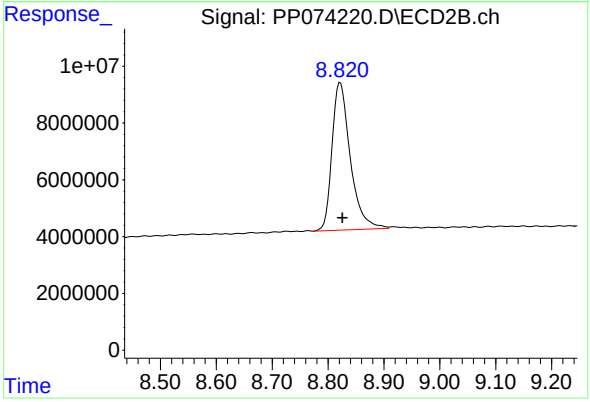
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 73371043
Conc: 19.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.002 min
Response: 21451968
Conc: 22.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 118217879
Conc: 19.66 ng/ml

Raw Data: **PP074227.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/05/25
Project:	Raymark Superfund Site	Date Received:	08/05/25
Client Sample ID:	PIBLK-PP074227.D	SDG No.:	Q2747
Lab Sample ID:	I.BLK-PP074227.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
PP074227.D	1		08/05/25	pp080525

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	19.0		60 - 140		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		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

Sample Results: **PP074227.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 11:23
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 05 11:53:48 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	3.807	25071010	72759589	22.419	18.975
2)	SA Decachlor...	10.435	8.824	21169115	115.9E6	21.798	19.274
	Target Compounds						

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

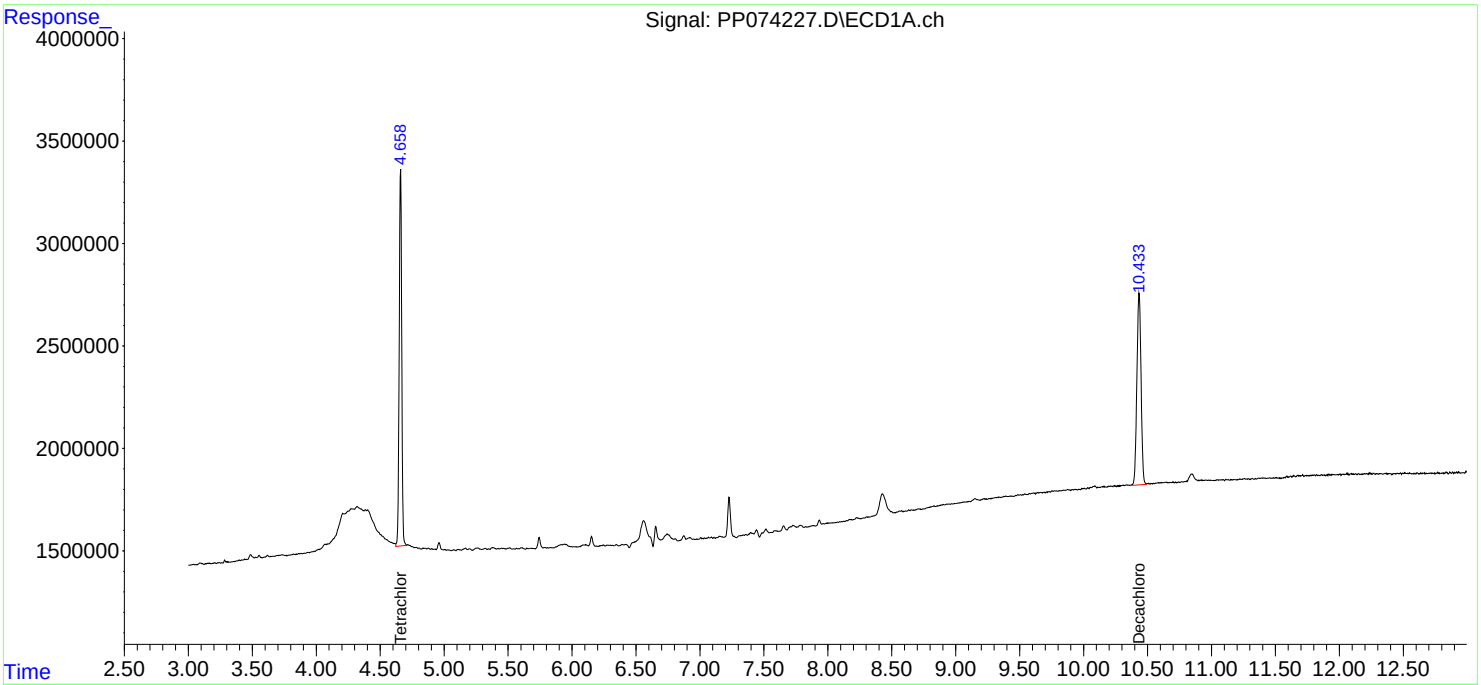
Sample Results: **PP074227.D**

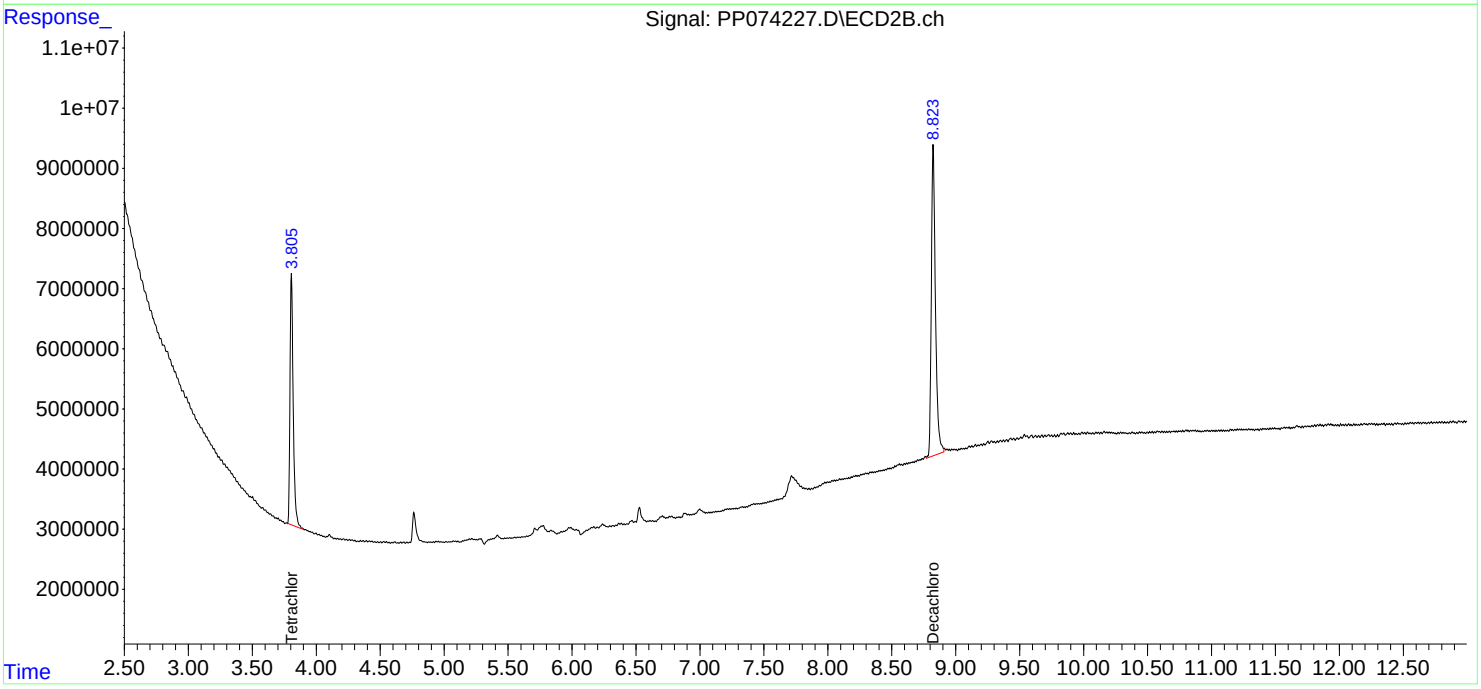
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080525\
Data File : PP074227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 11:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

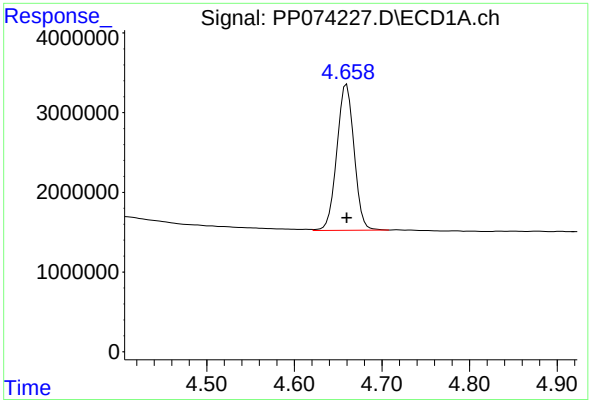
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:53:48 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



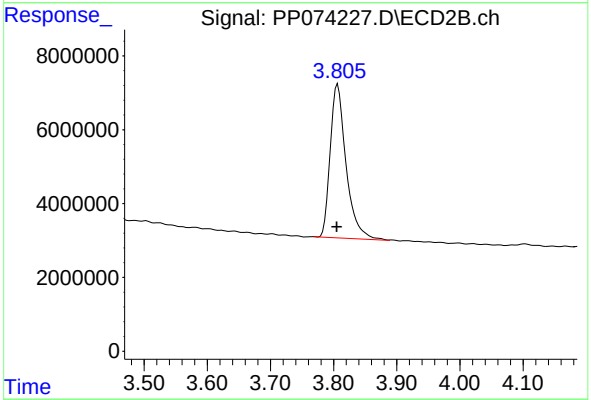




#1 Tetrachloro-m-xylene

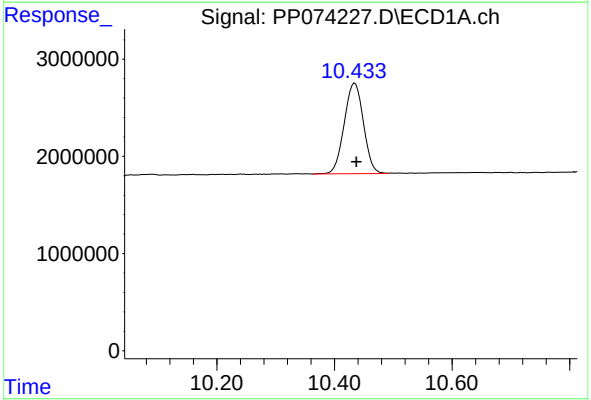
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 25071010
Conc: 22.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



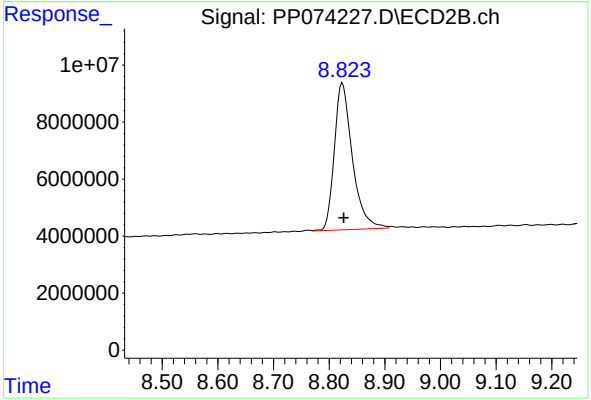
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 72759589
Conc: 18.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.002 min
Response: 21169115
Conc: 21.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 115904281
Conc: 19.27 ng/ml

Raw Data: **PP074209.D**

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

Report of Analysis

Client:	Nobis Group		Date Collected:		
Project:	Raymark Superfund Site		Date Received:		
Client Sample ID:	PB169092BS		SDG No.:	Q2747	
Lab Sample ID:	PB169092BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074209.D	1	08/04/25 08:55	08/04/25 12:52	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	178		3.90	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	4.00	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	8.30	U	3.70	8.30	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	4.00	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	5.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	8.30	U	3.20	8.30	17.0	ug/kg
37324-23-5	Aroclor-1262	13.0	U	5.00	13.0	17.0	ug/kg
11100-14-4	Aroclor-1268	8.30	U	3.60	8.30	17.0	ug/kg
11096-82-5	Aroclor-1260	164		3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.9		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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: **PP074209.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:52
Operator : YP\AJ
Sample : PB169092BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169092BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:25:35 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	3.804	26711148	77658321	23.885m	20.253
2)	SA Decachlor...	10.437	8.825	22721653	122.4E6	23.396	20.361
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.905	22057236	206.8E6	534.633	518.326
4)	L1 AR-1016-2	5.832	4.962	32582362	95712411	536.408	509.626
5)	L1 AR-1016-3	5.895	5.082	21332229	53658596	537.871	505.881
6)	L1 AR-1016-4	5.992	5.123	17541483	54671926	539.000	500.567
7)	L1 AR-1016-5	6.284	5.338	16816789	61664883	517.949	527.216
31)	L7 AR-1260-1	7.402	6.555	30604165	210.8E6	543.050	521.786
32)	L7 AR-1260-2	7.655	6.708	35967706	165.5E6	527.754	529.315
33)	L7 AR-1260-3	8.013	6.919	24011890	180.9E6	450.539	459.071
34)	L7 AR-1260-4	8.240	7.179	30479231	133.4E6	486.772m	458.611
35)	L7 AR-1260-5	8.567	7.418	51506201	355.9E6	454.580	469.847

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:52
Operator : YP\AJ
Sample : PB169092BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

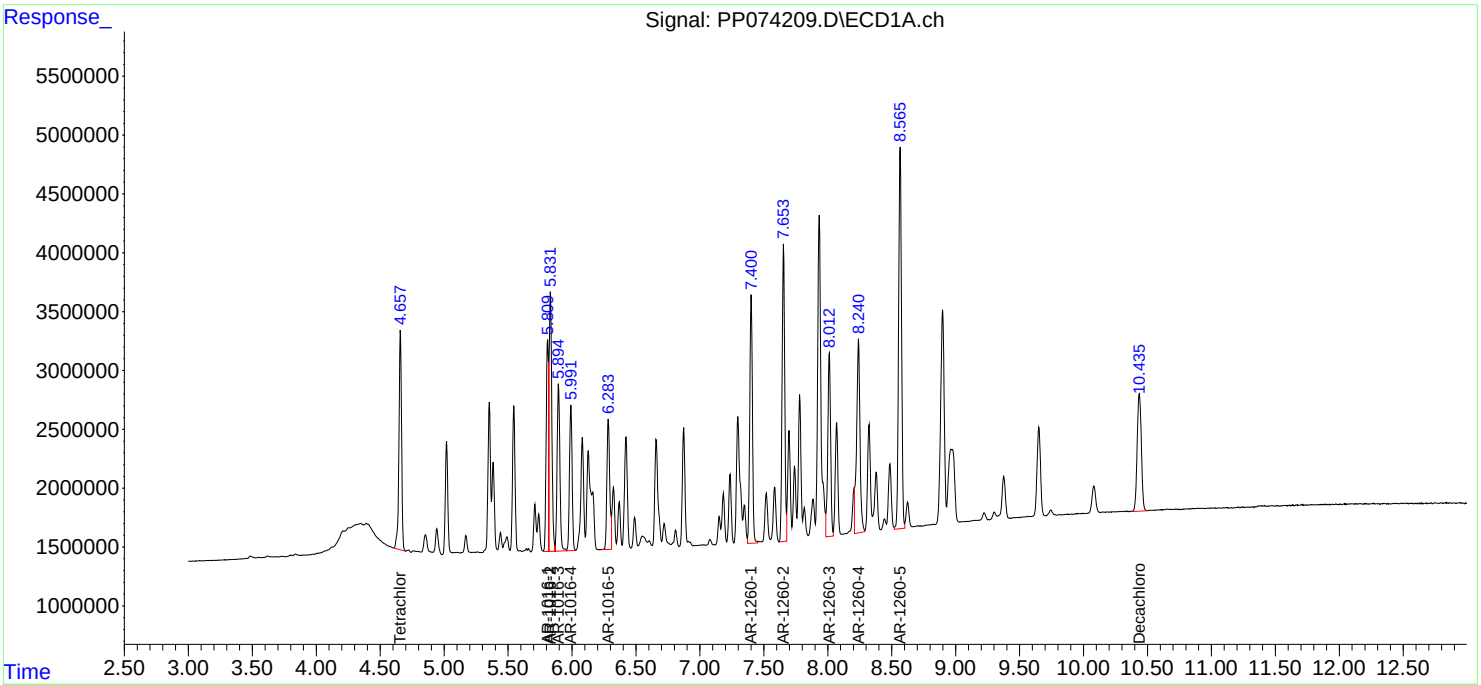
Instrument :
ECD_P
ClientSampleId :
PB169092BS

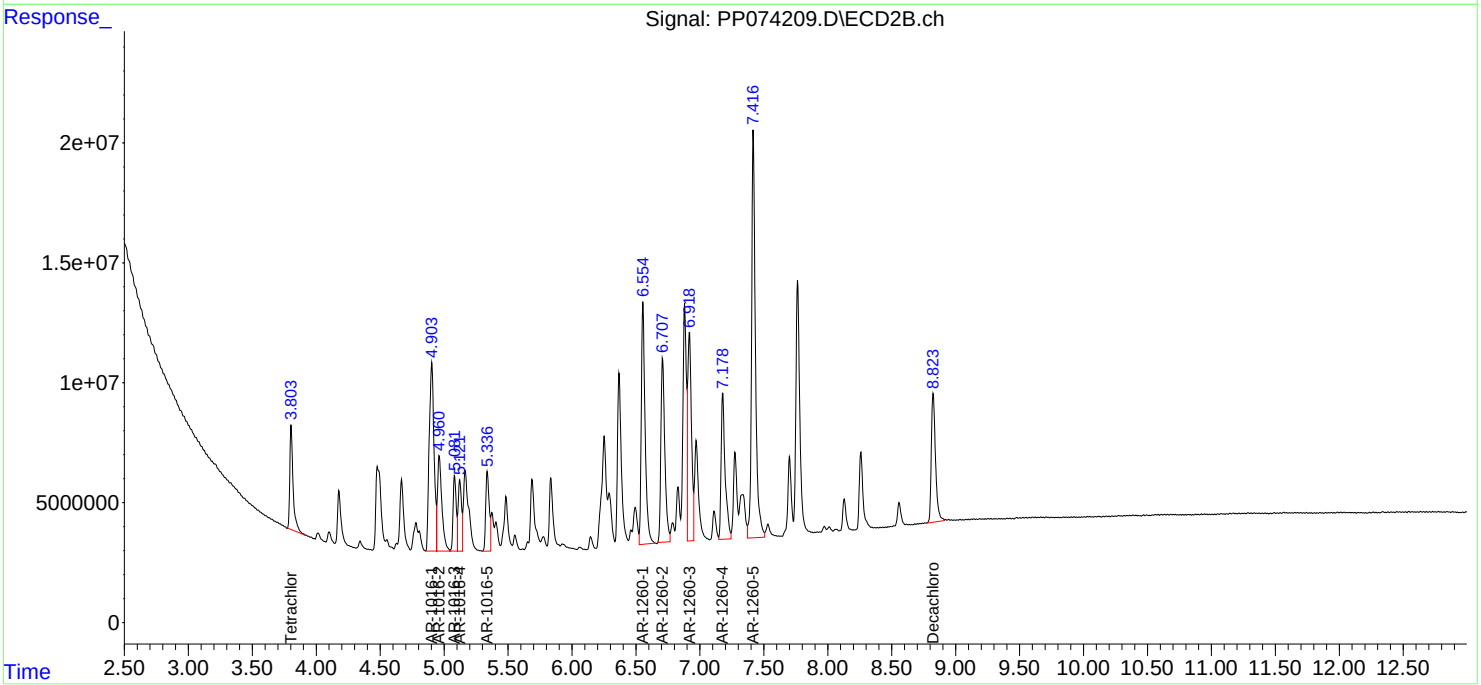
Manual Integrations APPROVED

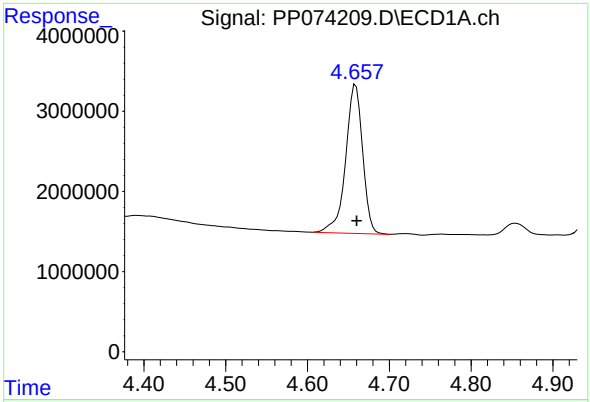
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:25:35 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







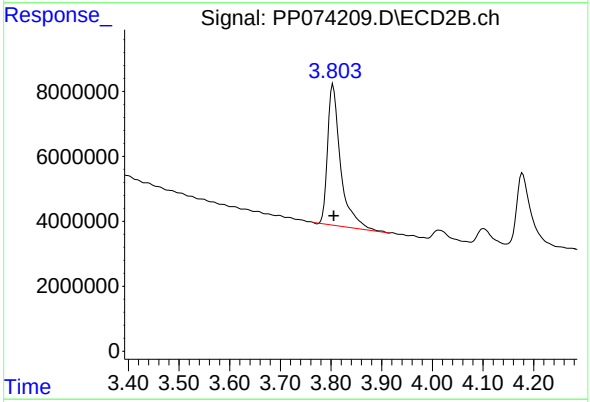
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 26711148
Conc: 23.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BS

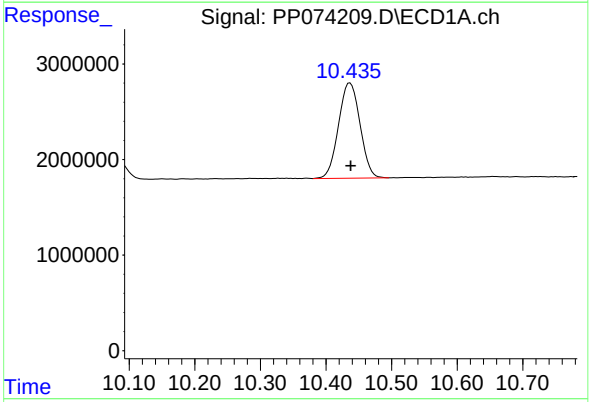
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



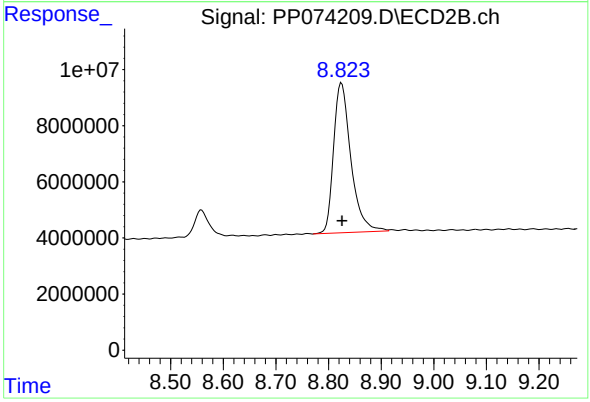
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: -0.001 min
Response: 77658321
Conc: 20.25 ng/ml



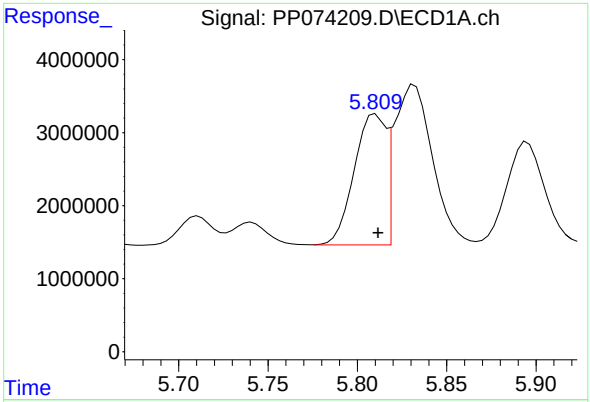
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: -0.001 min
Response: 22721653
Conc: 23.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 122441514
Conc: 20.36 ng/ml



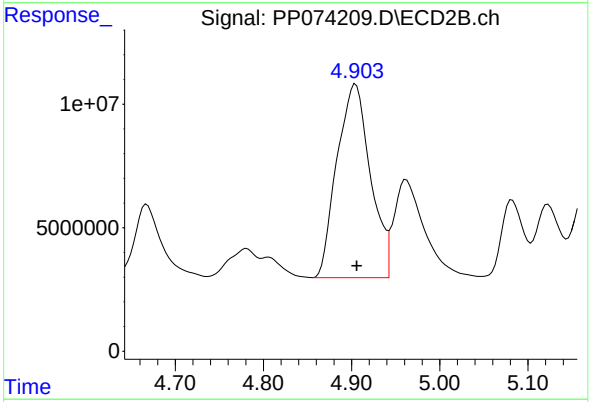
#3 AR-1016-1

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 22057236
Conc: 534.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BS

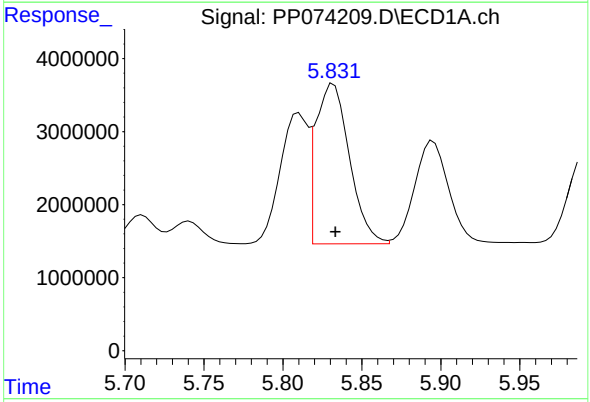
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



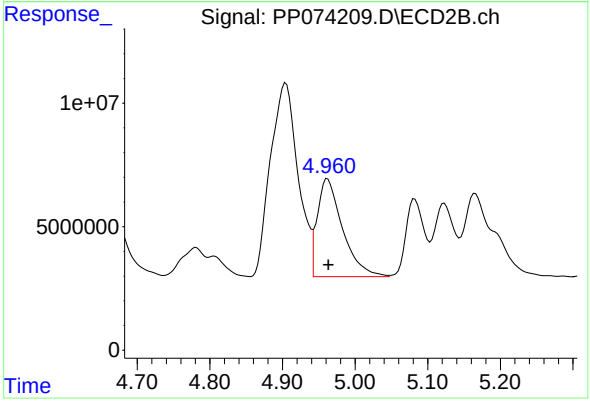
#3 AR-1016-1

R.T.: 4.905 min
Delta R.T.: -0.001 min
Response: 206753659
Conc: 518.33 ng/ml



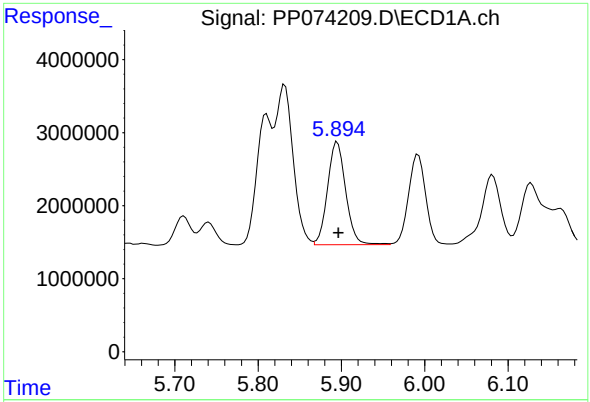
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 32582362
Conc: 536.41 ng/ml



#4 AR-1016-2

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 95712411
Conc: 509.63 ng/ml



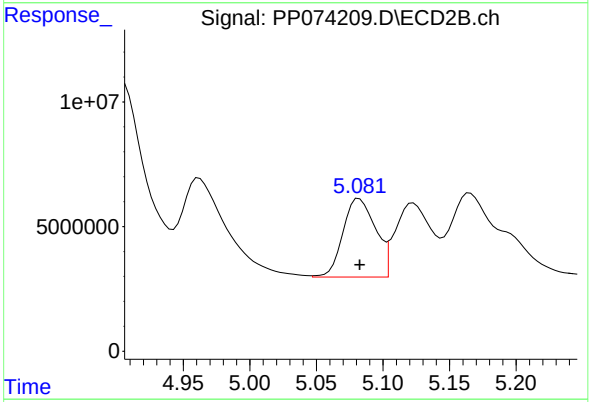
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 21332229
Conc: 537.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BS

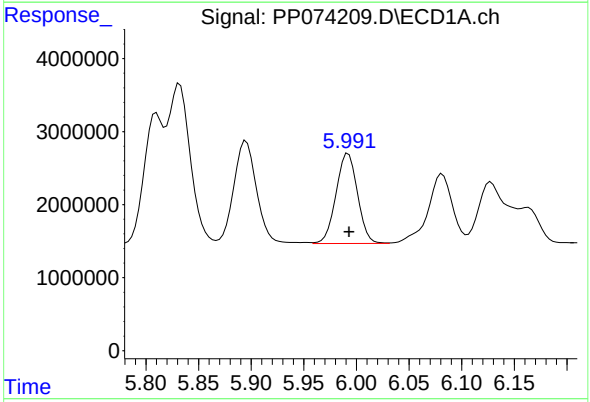
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



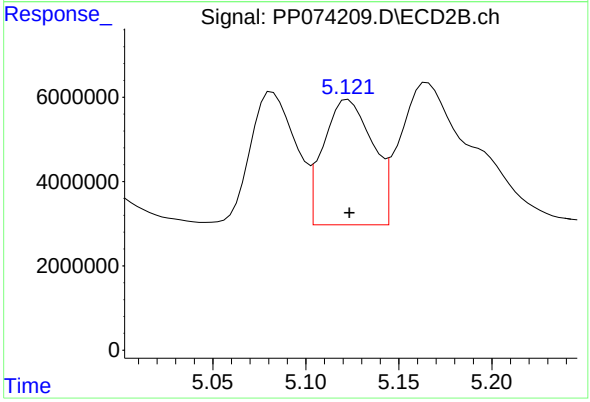
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 53658596
Conc: 505.88 ng/ml



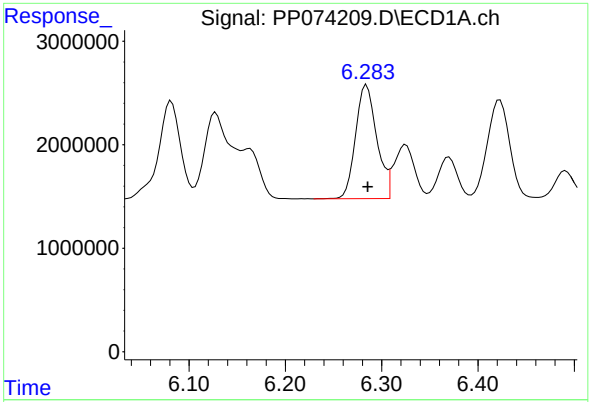
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 17541483
Conc: 539.00 ng/ml



#6 AR-1016-4

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 54671926
Conc: 500.57 ng/ml



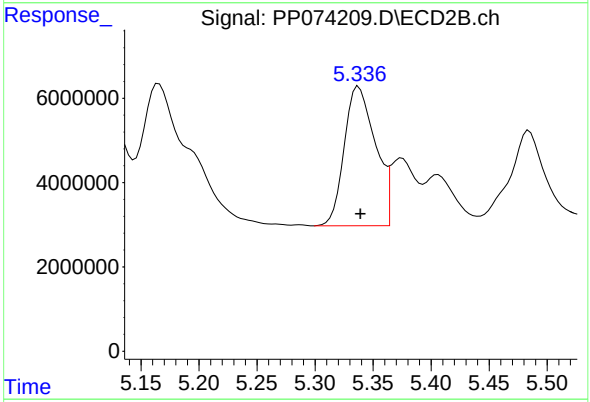
#7 AR-1016-5

R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 16816789
Conc: 517.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BS

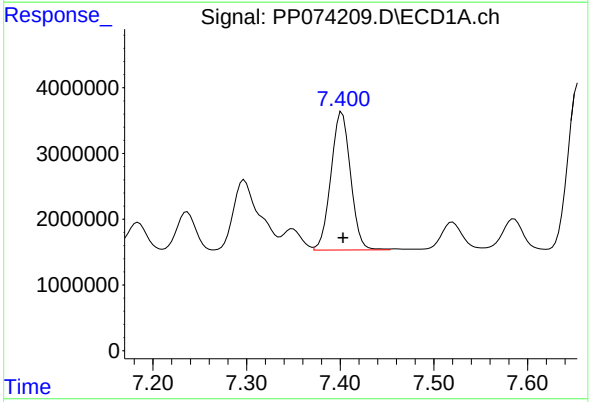
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



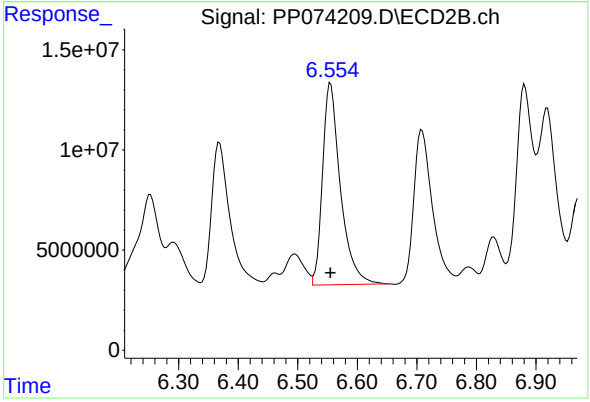
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: -0.001 min
Response: 61664883
Conc: 527.22 ng/ml



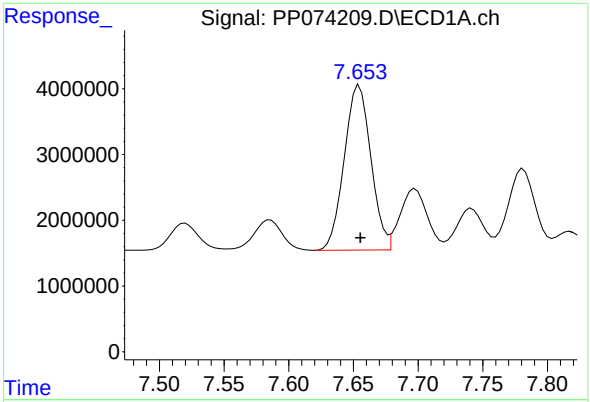
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 30604165
Conc: 543.05 ng/ml



#31 AR-1260-1

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 210779325
Conc: 521.79 ng/ml



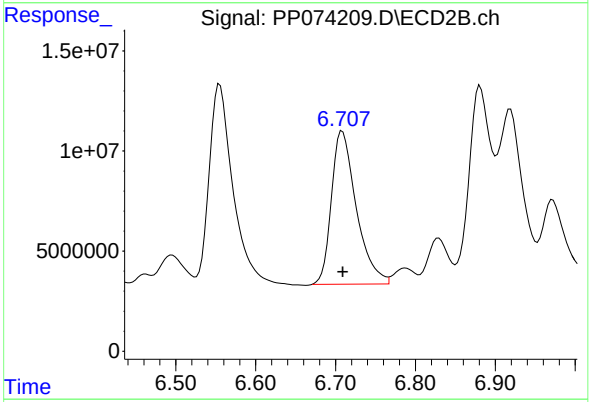
#32 AR-1260-2

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 35967706
Conc: 527.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BS

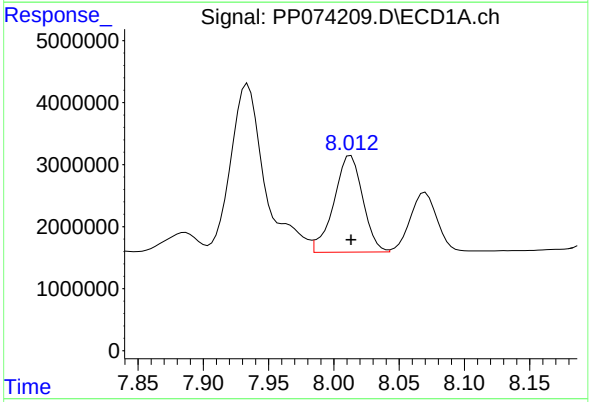
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



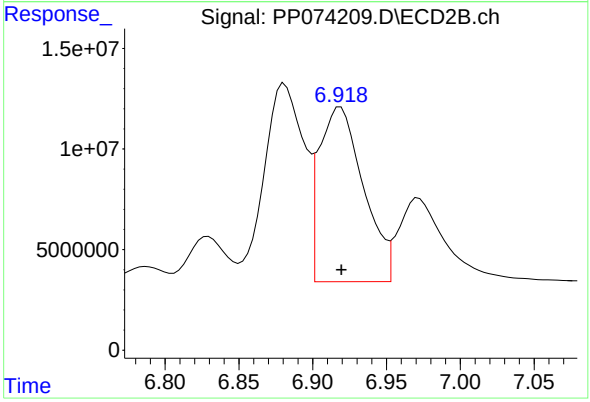
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 165516214
Conc: 529.31 ng/ml



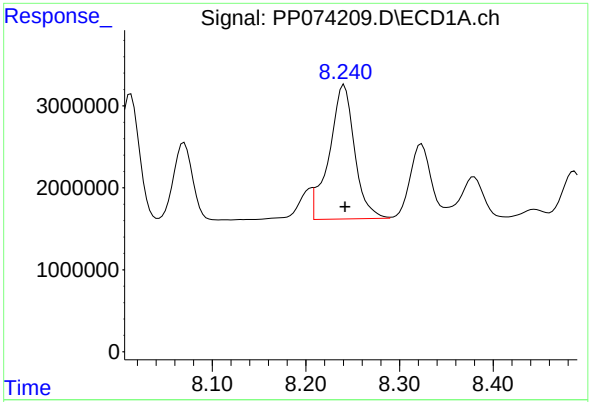
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 24011890
Conc: 450.54 ng/ml



#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 180928280
Conc: 459.07 ng/ml



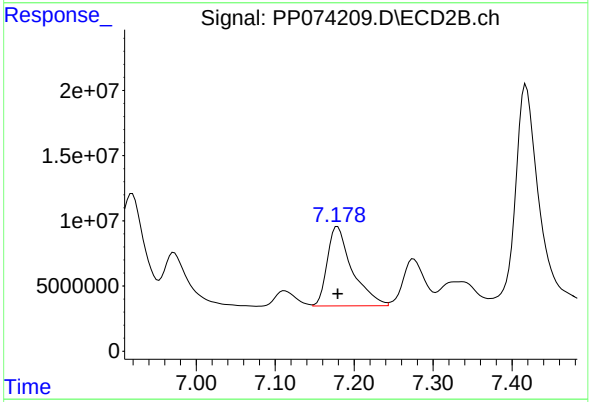
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 30479231
Conc: 486.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169092BS

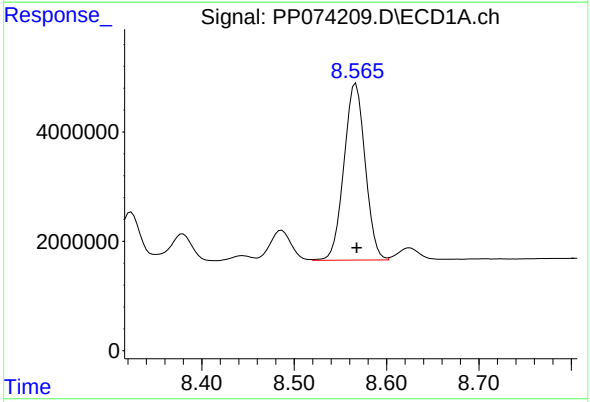
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



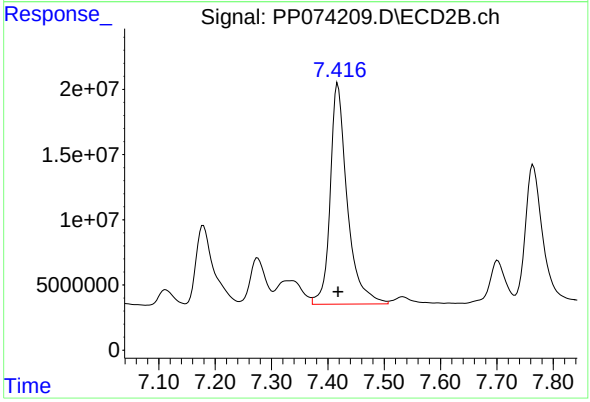
#34 AR-1260-4

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 133446344
Conc: 458.61 ng/ml



#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 51506201
Conc: 454.58 ng/ml



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 355866564
Conc: 469.85 ng/ml

Raw Data: **PP074211.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/01/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	289MS	SDG No.:	Q2747
Lab Sample ID:	Q2753-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074211.D	1	08/04/25 08:55	08/04/25 13:25	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	190		4.30	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	4.40	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	9.00	U	4.00	9.00	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	4.30	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	6.40	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	99.2		3.50	9.00	18.4	ug/kg
37324-23-5	Aroclor-1262	14.0	U	5.40	14.0	18.4	ug/kg
11100-14-4	Aroclor-1268	9.00	U	3.90	9.00	18.4	ug/kg
11096-82-5	Aroclor-1260	181		3.50	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.1		44 - 130		126%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		60 - 125		107%	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: **PP074211.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 13:25
Operator : YP\AJ
Sample : Q2753-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
289MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:27:18 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	28122291	80174639	25.147m	20.909	
2)	SA Decachlor...	10.435	8.823	20853062	113.2E6	21.472	18.820	
	Target Compounds							
3)	L1 AR-1016-1	5.809	4.903	21561926	212.4E6	522.627	532.425	
4)	L1 AR-1016-2	5.830	4.960	31932995	100.8E6	525.718	536.781	
5)	L1 AR-1016-3	5.894	5.080	20777375	55981415	523.881	527.780	
6)	L1 AR-1016-4	5.990	5.122	17311765	55266546	531.942	506.011	
7)	L1 AR-1016-5	6.282	5.336	16683305	63439764	513.838	542.391	
26)	L6 AR-1254-1	6.657	5.687	16842242	71537978	319.945	195.362	#
27)	L6 AR-1254-2	6.872	5.833	15119475	61597531	190.171	221.401	
28)	L6 AR-1254-3	7.235	6.250	10196234	127.5E6	116.774	260.602	#
29)	L6 AR-1254-4	7.516	6.461	7211602	9607925	113.018m	26.139	#
30)	L6 AR-1254-5	7.932	6.879	51851724	198.8E6	639.003	516.086	
31)	L7 AR-1260-1	7.399	6.553	31241141	216.9E6	554.353	536.821	
32)	L7 AR-1260-2	7.653	6.706	36055798	169.2E6	529.047	540.963	
33)	L7 AR-1260-3	8.010	6.916	24463458	186.8E6	459.012	473.981	
34)	L7 AR-1260-4	8.237	7.177	32081174	142.2E6	512.356m	488.704	
35)	L7 AR-1260-5	8.564	7.416	52165340	361.5E6	460.398	477.242	

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

Sample Results: **PP074211.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 13:25
Operator : YP\AJ
Sample : Q2753-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

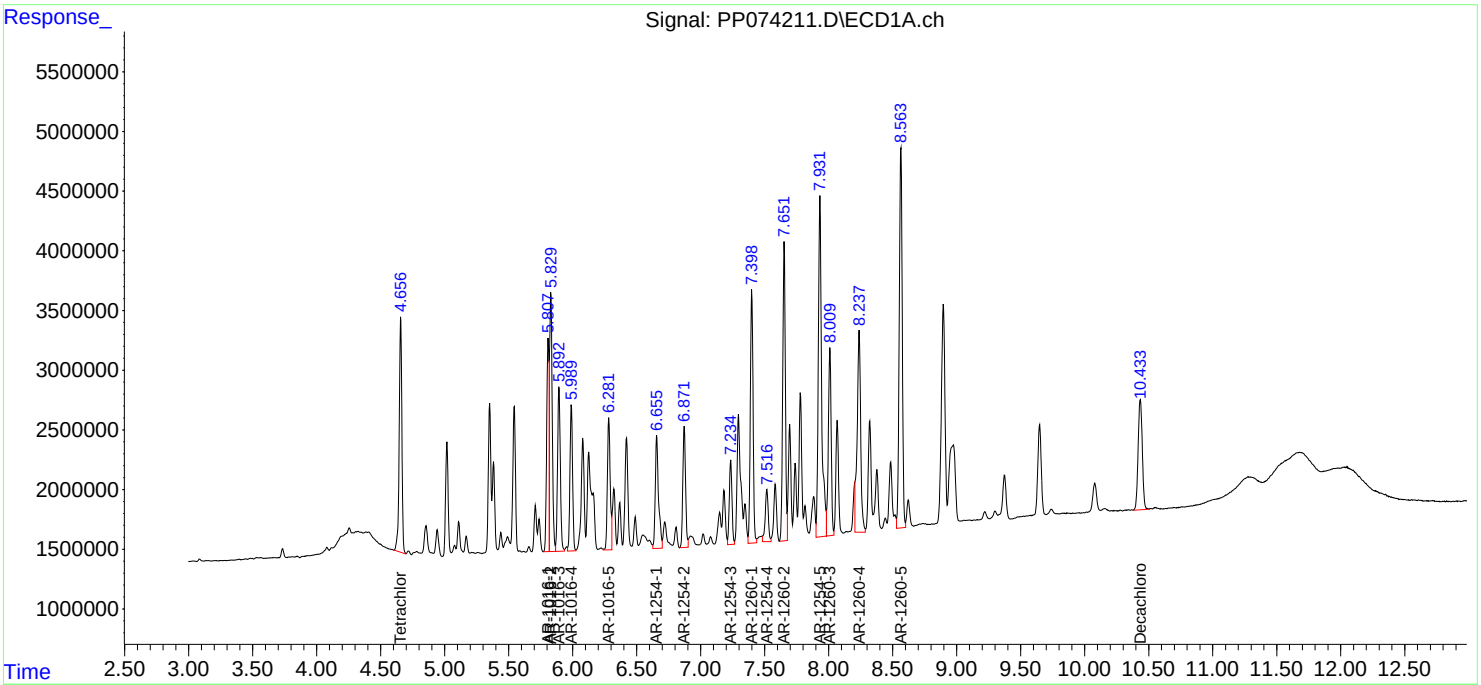
Instrument :
ECD_P
ClientSampleId :
289MS

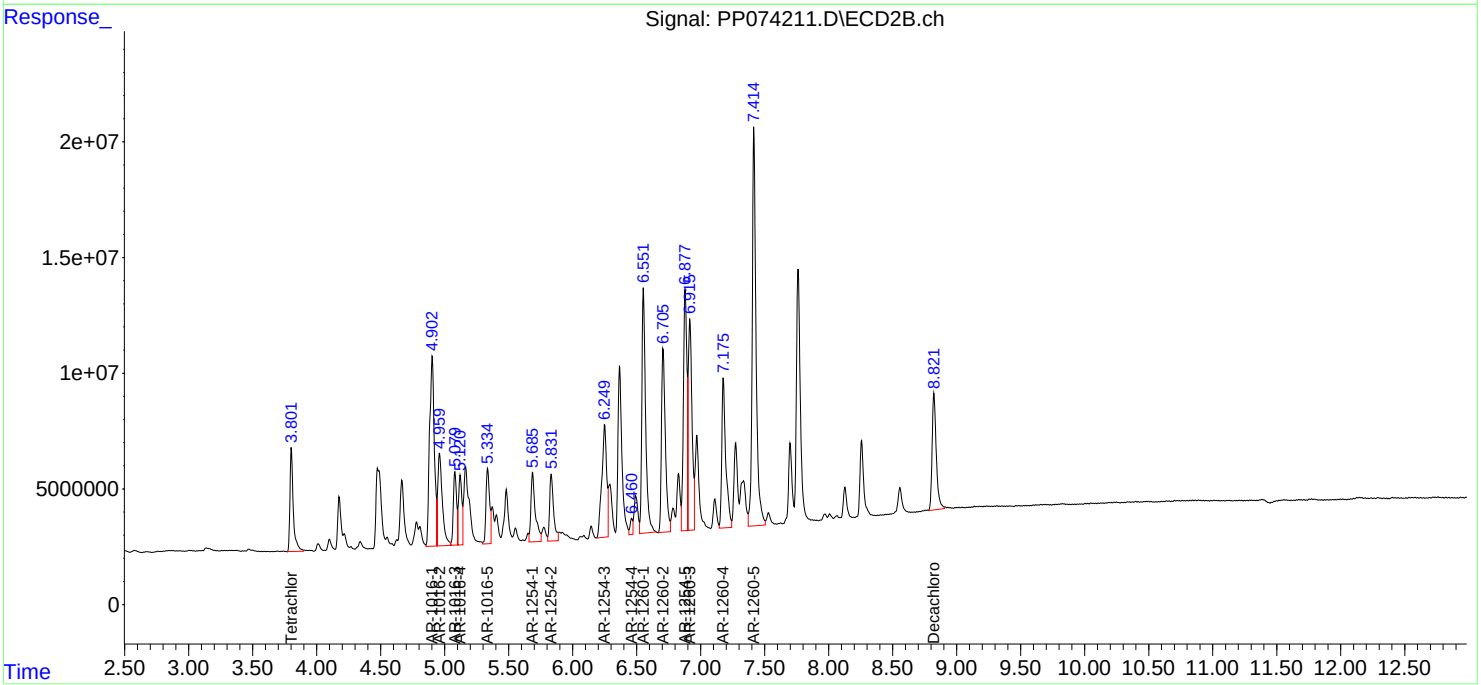
Manual Integrations APPROVED

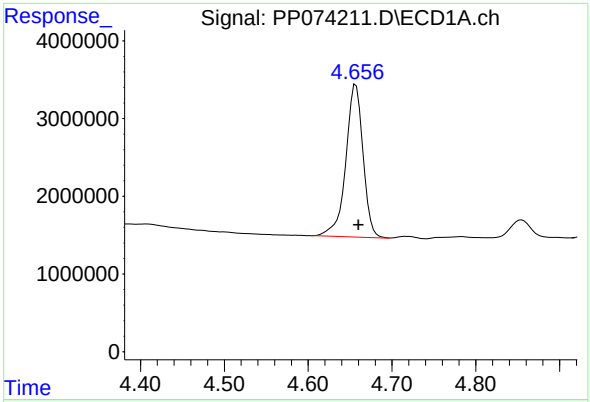
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:27:18 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







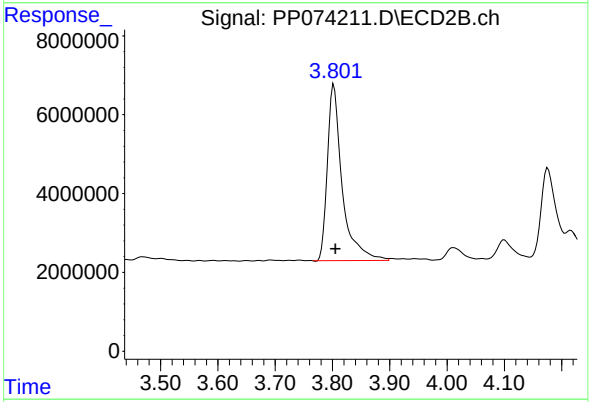
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 28122291
Conc: 25.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

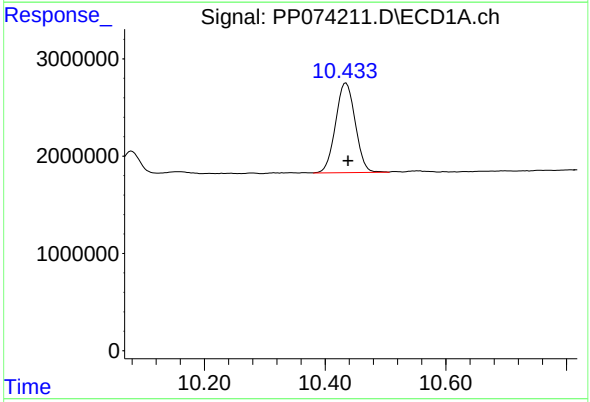
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



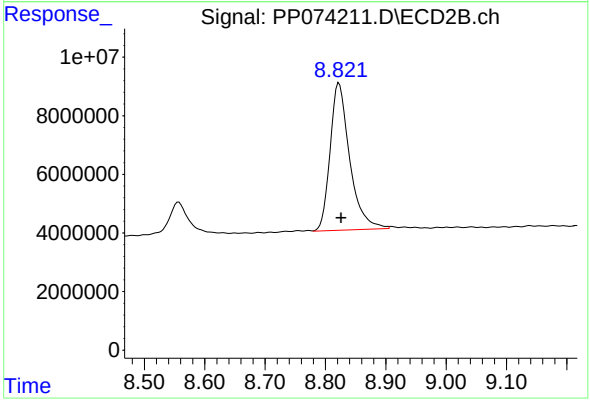
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 80174639
Conc: 20.91 ng/ml



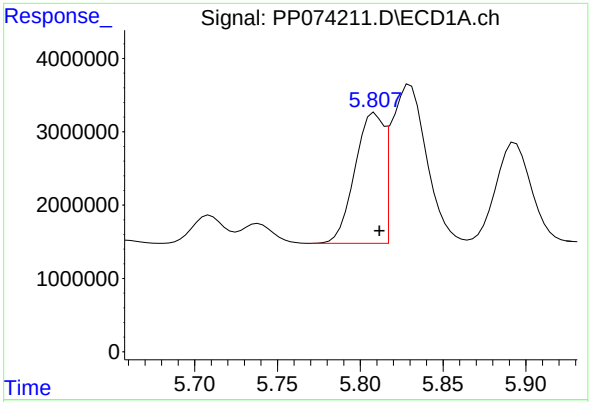
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 20853062
Conc: 21.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 113176017
Conc: 18.82 ng/ml



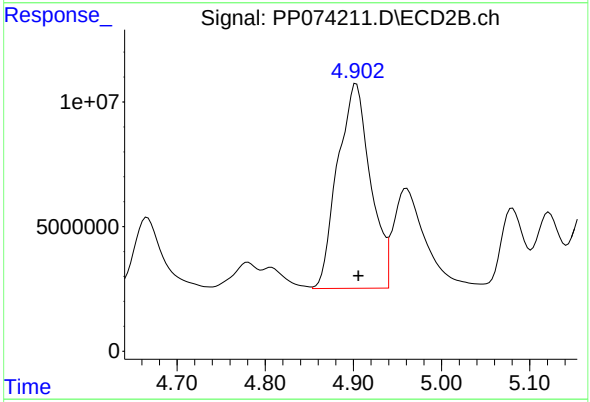
#3 AR-1016-1

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 21561926
Conc: 522.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

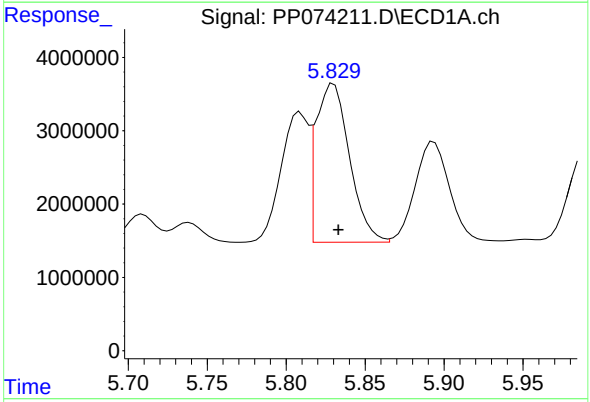
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



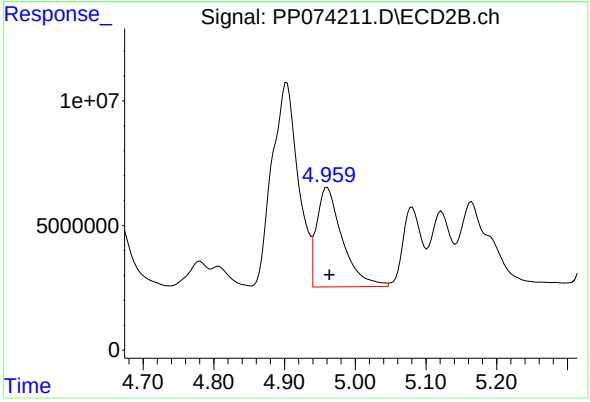
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 212377801
Conc: 532.43 ng/ml



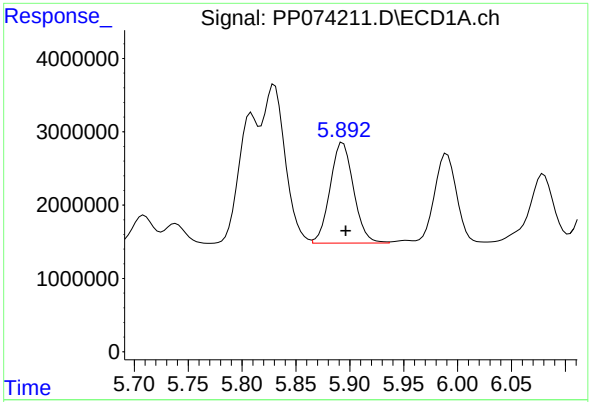
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 31932995
Conc: 525.72 ng/ml



#4 AR-1016-2

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 100812278
Conc: 536.78 ng/ml



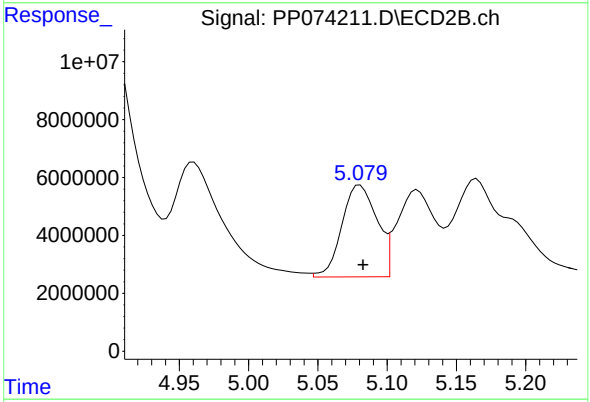
#5 AR-1016-3

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 20777375
Conc: 523.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

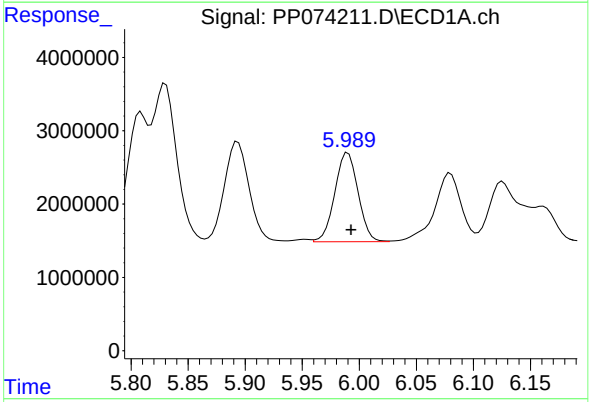
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



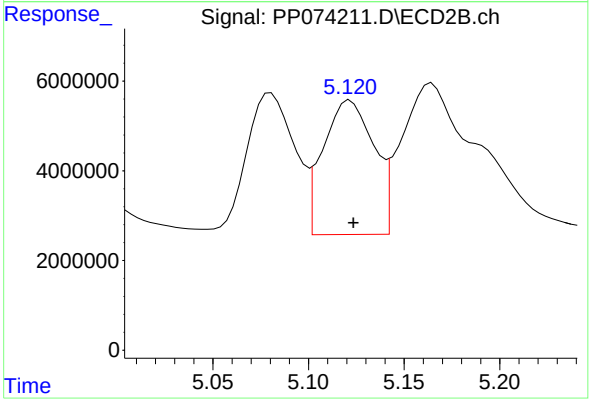
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 55981415
Conc: 527.78 ng/ml



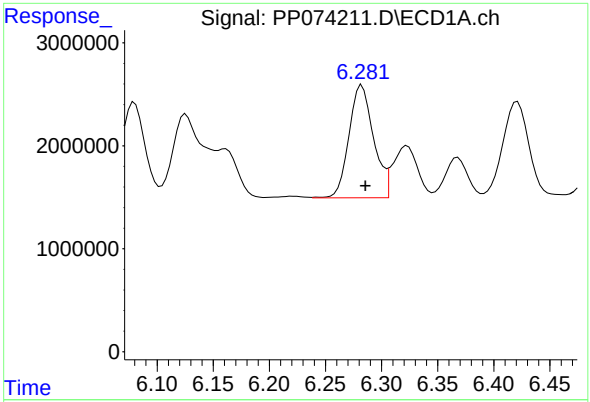
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 17311765
Conc: 531.94 ng/ml



#6 AR-1016-4

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 55266546
Conc: 506.01 ng/ml



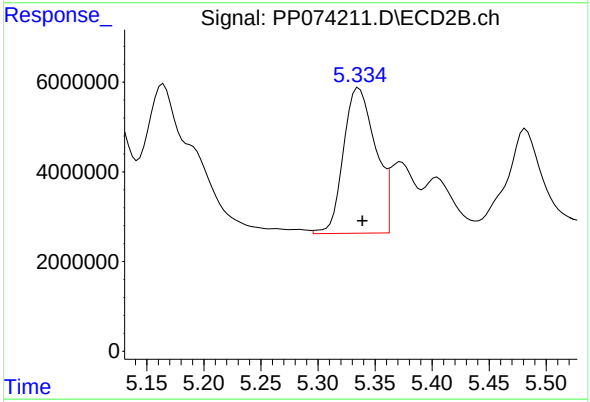
#7 AR-1016-5

R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 16683305
Conc: 513.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

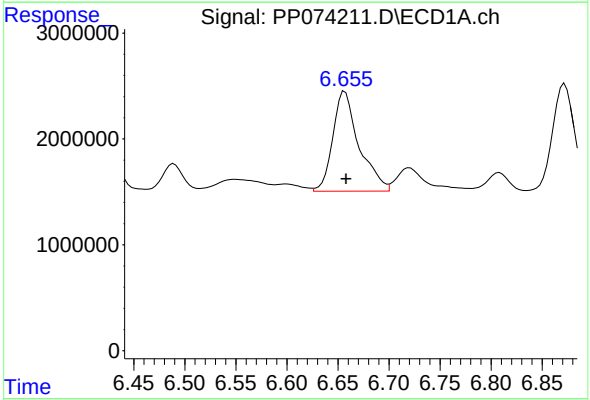
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



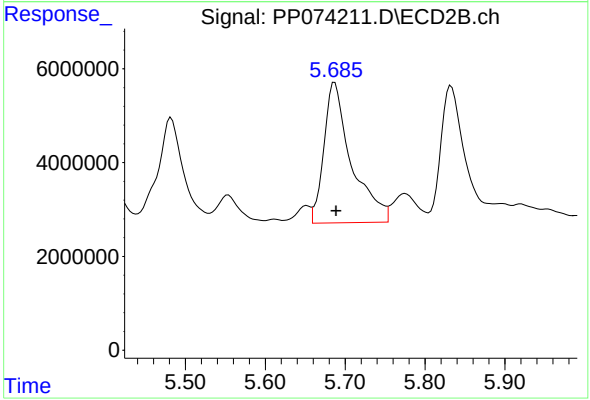
#7 AR-1016-5

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 63439764
Conc: 542.39 ng/ml



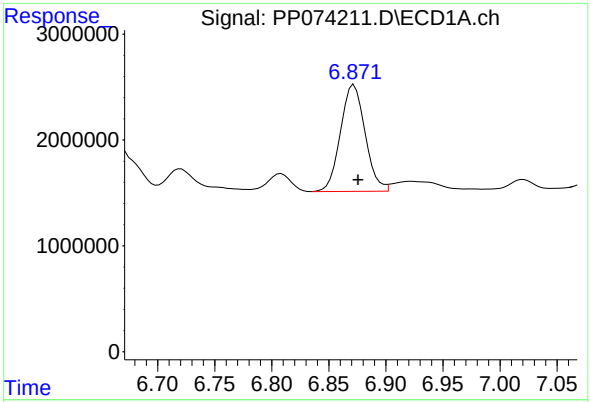
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 16842242
Conc: 319.95 ng/ml



#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 71537978
Conc: 195.36 ng/ml



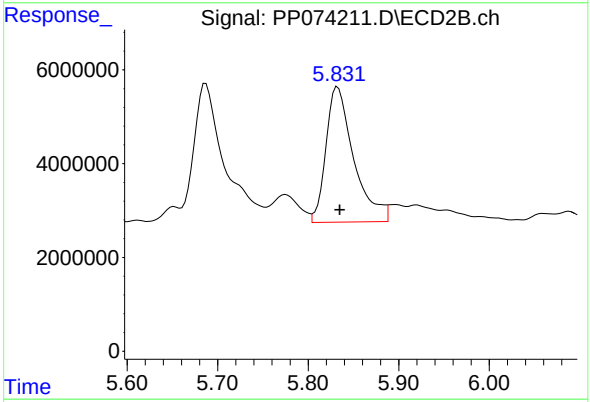
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 15119475
Conc: 190.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

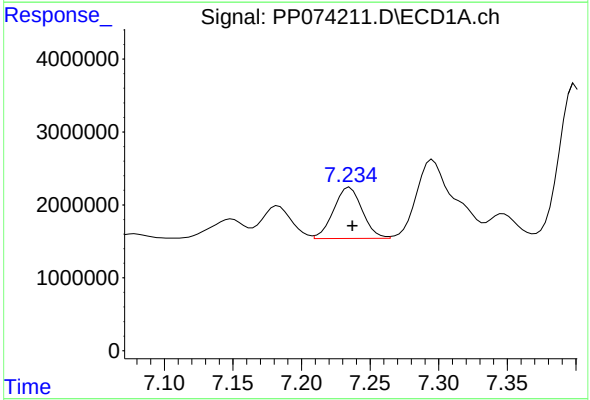
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



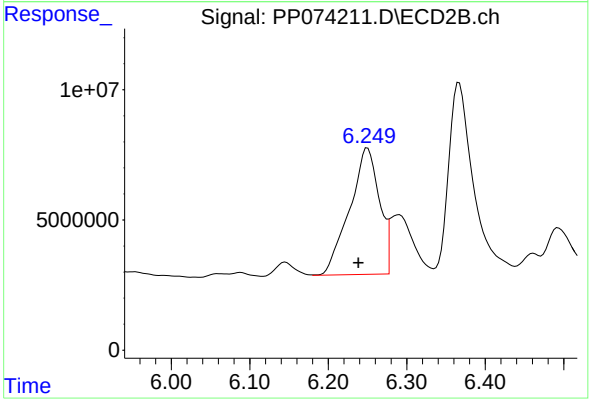
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 61597531
Conc: 221.40 ng/ml



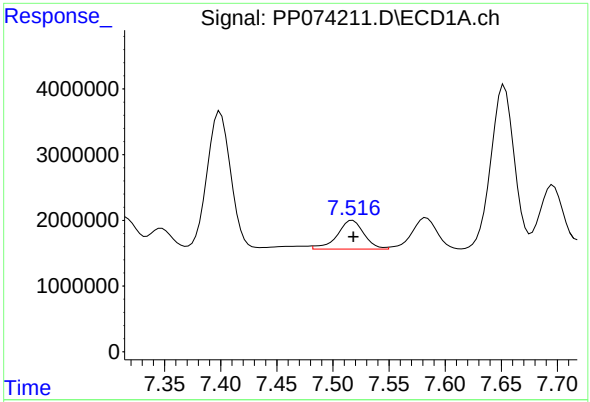
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 10196234
Conc: 116.77 ng/ml



#28 AR-1254-3

R.T.: 6.250 min
Delta R.T.: 0.012 min
Response: 127489320
Conc: 260.60 ng/ml



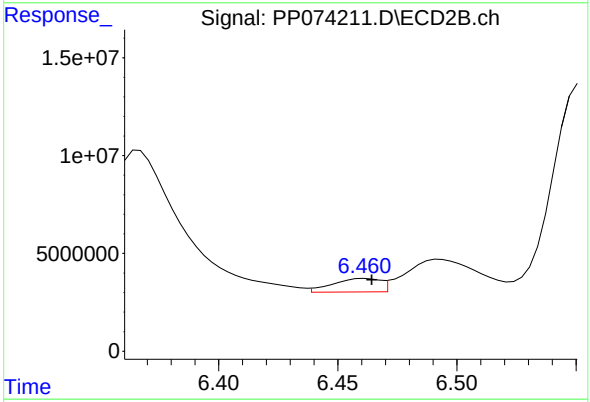
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 7211602
Conc: 113.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

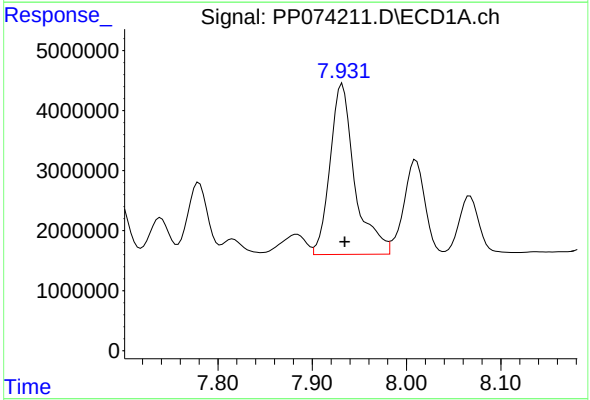
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



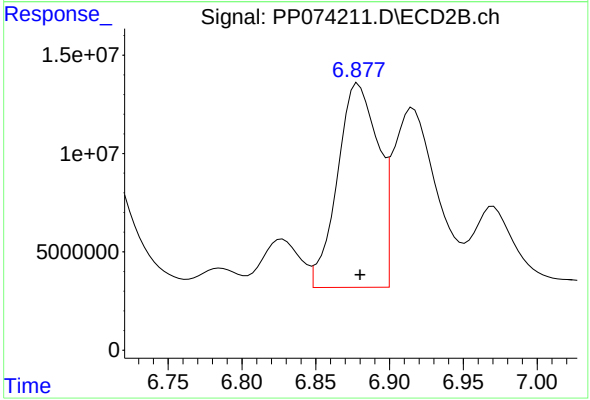
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 9607925
Conc: 26.14 ng/ml



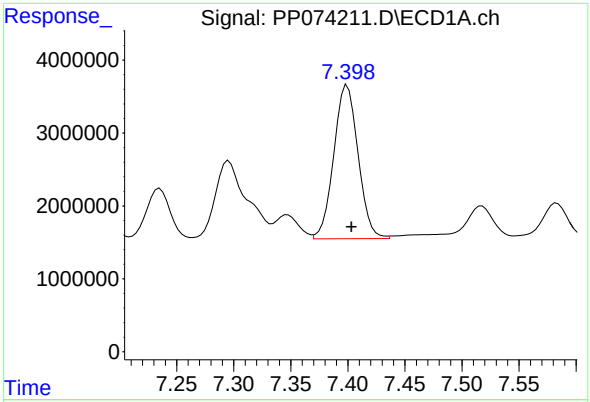
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 51851724
Conc: 639.00 ng/ml



#30 AR-1254-5

R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 198779218
Conc: 516.09 ng/ml



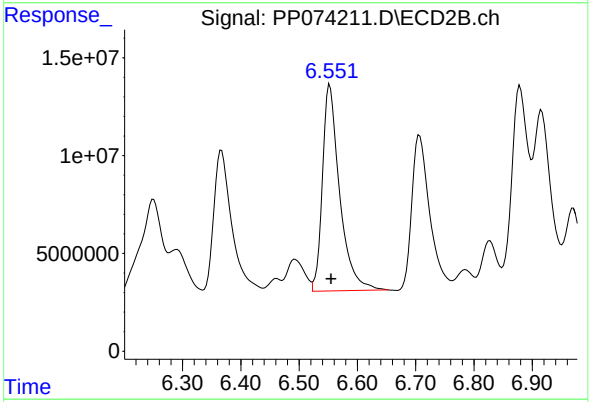
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 31241141
Conc: 554.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

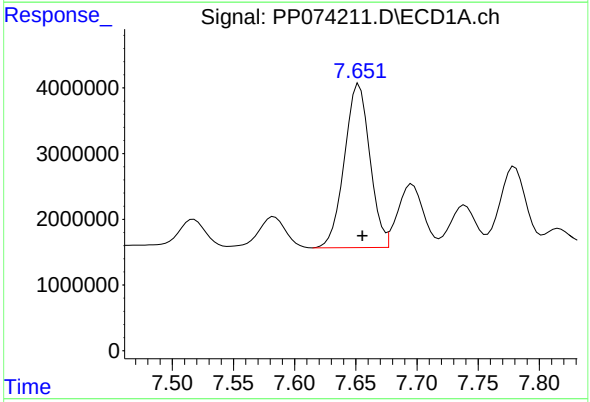
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



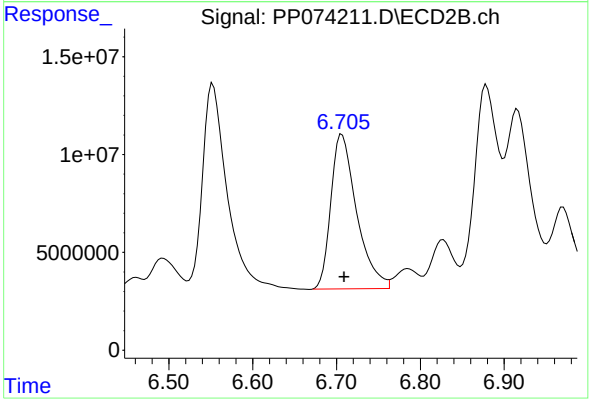
#31 AR-1260-1

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 216852676
Conc: 536.82 ng/ml



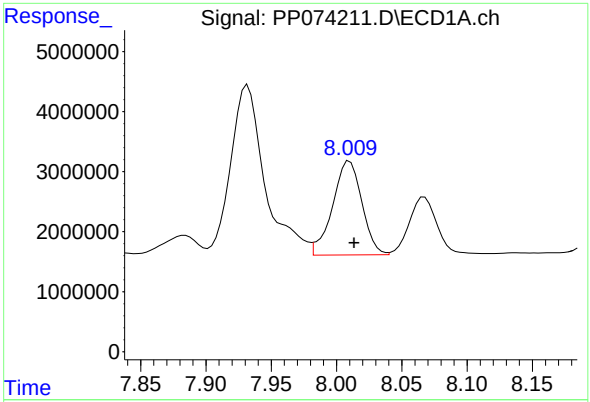
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 36055798
Conc: 529.05 ng/ml



#32 AR-1260-2

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 169158607
Conc: 540.96 ng/ml



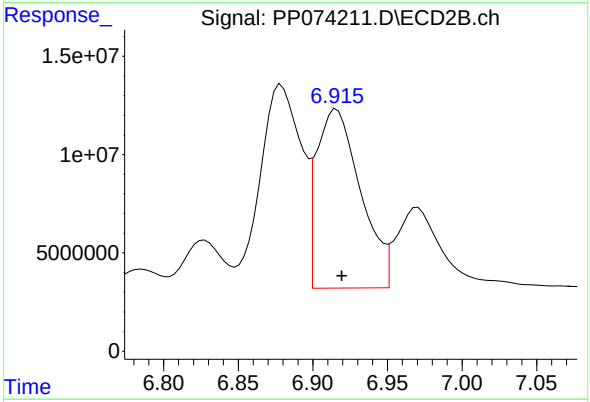
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 24463458
Conc: 459.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

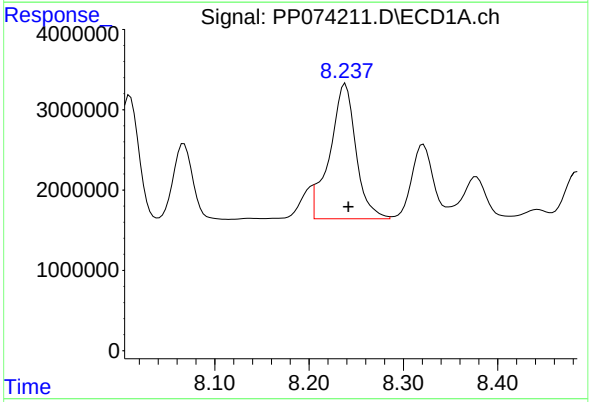
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



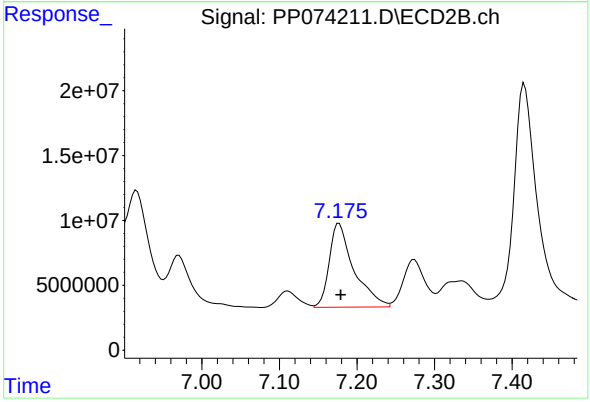
#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 186804493
Conc: 473.98 ng/ml



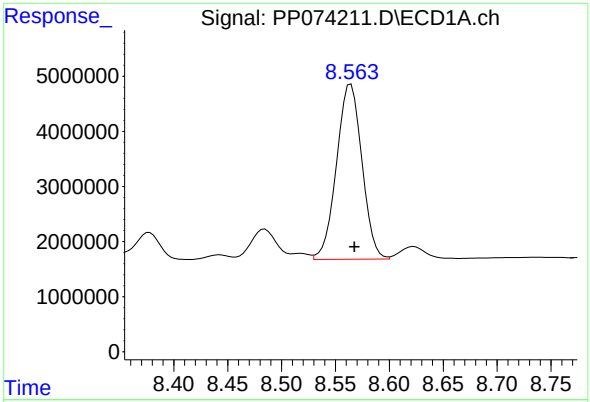
#34 AR-1260-4

R.T.: 8.237 min
Delta R.T.: -0.005 min
Response: 32081174
Conc: 512.36 ng/ml m



#34 AR-1260-4

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 142202788
Conc: 488.70 ng/ml



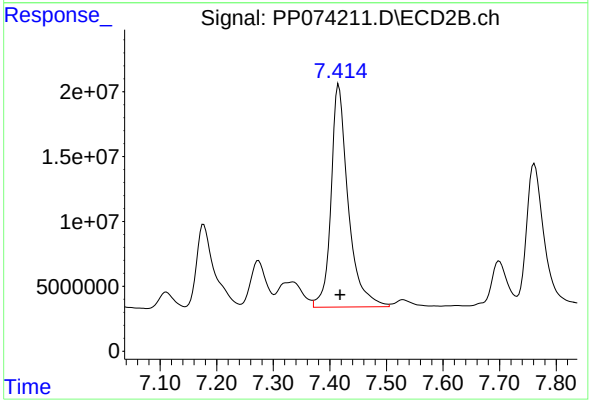
#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 52165340
Conc: 460.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 361467668
Conc: 477.24 ng/ml

Raw Data: **PP074212.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	08/01/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	289MSD	SDG No.:	Q2747
Lab Sample ID:	Q2753-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074212.D	1	08/04/25 08:55	08/04/25 13:41	PB169092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	182		4.30	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	4.30	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	9.00	U	4.00	9.00	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	4.30	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	6.40	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	97.2		3.50	9.00	18.3	ug/kg
37324-23-5	Aroclor-1262	14.0	U	5.40	14.0	18.3	ug/kg
11100-14-4	Aroclor-1268	9.00	U	3.90	9.00	18.3	ug/kg
11096-82-5	Aroclor-1260	181		3.50	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.3		44 - 130		126%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		60 - 125		104%	SPK: 20

Comments:

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

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

Sample Results: **PP074212.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 13:41
Operator : YP\AJ
Sample : Q2753-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
289MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:28:05 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...	4.658	3.801	28283373	82620971	25.291m	21.547	
2)	SA Decachlor...	10.438	8.822	20128882	110.4E6	20.727	18.353	
	Target Compounds							
3)	L1 AR-1016-1	5.811	4.903	21184879	202.3E6	513.488	507.063	
4)	L1 AR-1016-2	5.833	4.960	30887976	95749757	508.513	509.825	
5)	L1 AR-1016-3	5.896	5.080	20089441	53722024	506.535	506.479	
6)	L1 AR-1016-4	5.993	5.121	16691374	53776645	512.879	492.370	
7)	L1 AR-1016-5	6.285	5.335	15983266	60264730	492.277	515.245	
26)	L6 AR-1254-1	6.660	5.686	15976122	73191181	303.492	199.877	#
27)	L6 AR-1254-2	6.875	5.832	14540587	59355131	182.890	213.341	
28)	L6 AR-1254-3	7.238	6.250	10135421	128.3E6	116.077	262.207	#
29)	L6 AR-1254-4	7.520	6.460	7055095	9800518	110.565	26.663	#
30)	L6 AR-1254-5	7.935	6.878	51803028	198.4E6	638.403	515.220	
31)	L7 AR-1260-1	7.403	6.552	30800114	217.1E6	546.527	537.419	
32)	L7 AR-1260-2	7.655	6.707	36206285	166.6E6	531.255	532.859	
33)	L7 AR-1260-3	8.013	6.916	24509171	187.6E6	459.869	476.075	
34)	L7 AR-1260-4	8.240	7.176	32727154	142.5E6	522.673m	489.566	
35)	L7 AR-1260-5	8.567	7.416	52200935	358.7E6	460.712	473.595	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080425\
Data File : PP074212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 13:41
Operator : YP\AJ
Sample : Q2753-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

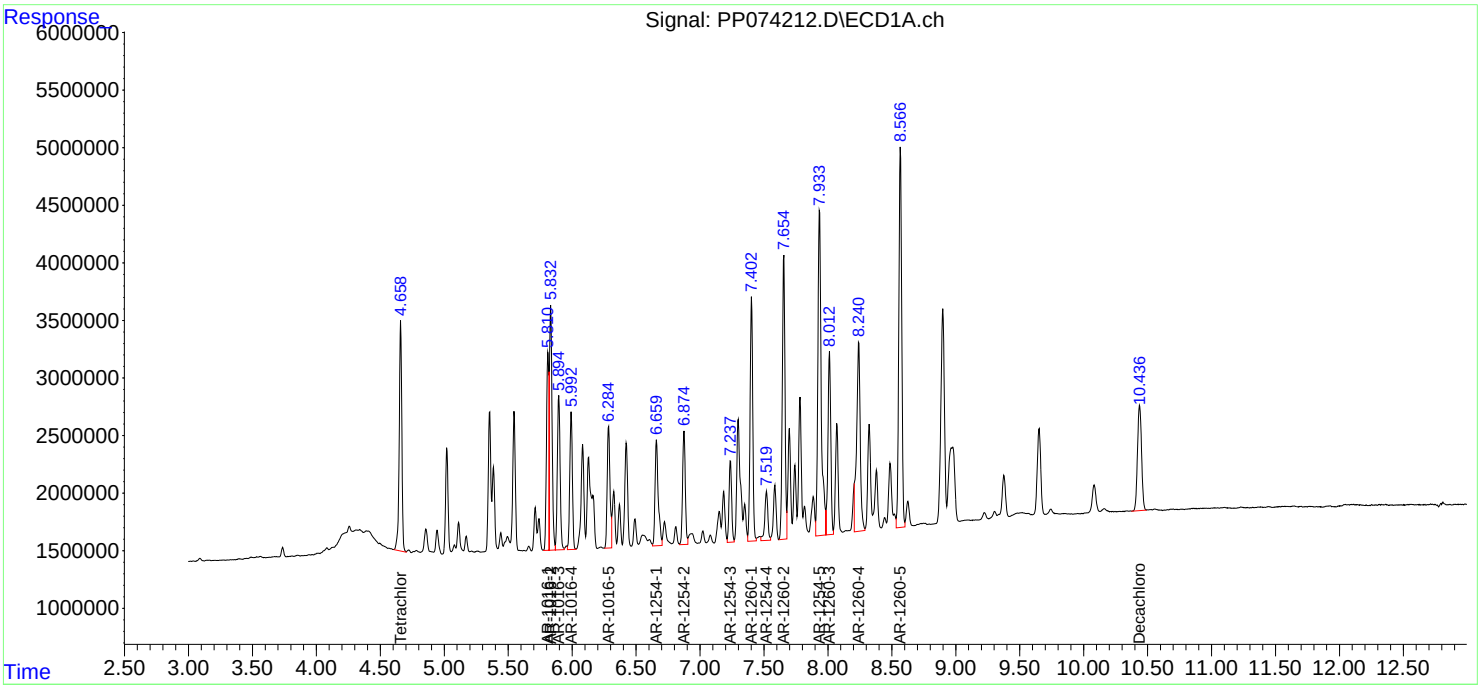
Instrument :
ECD_P
ClientSampleId :
289MSD

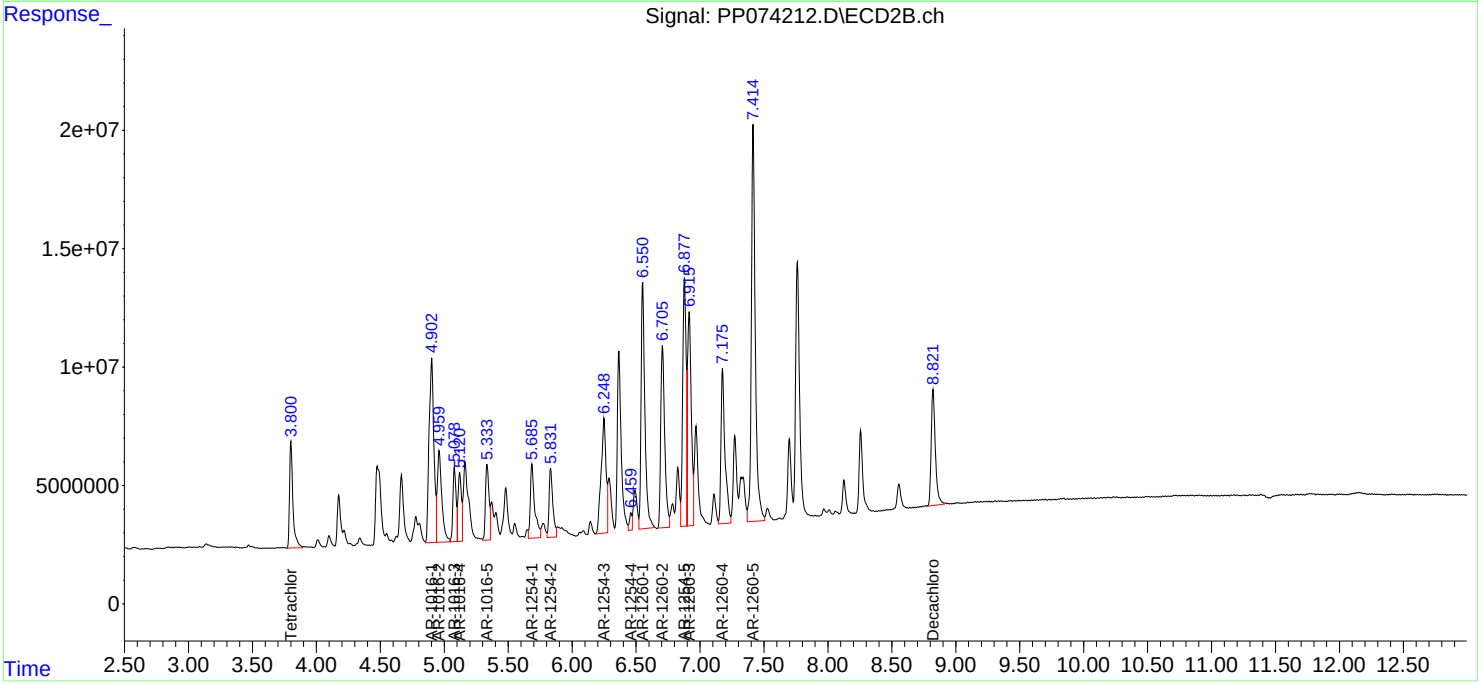
Manual Integrations APPROVED

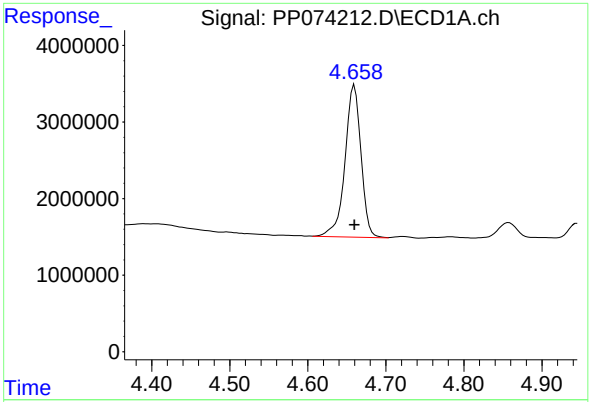
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 14:28:05 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







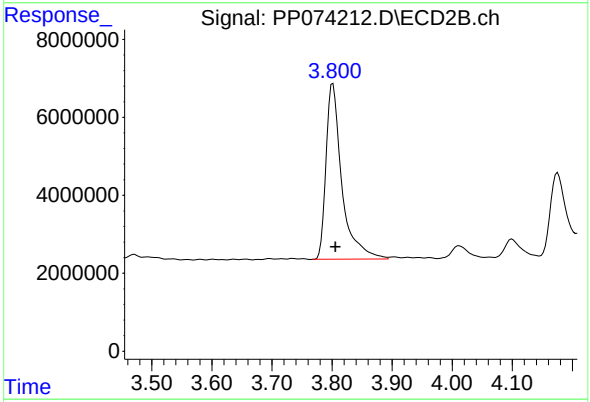
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 28283373
Conc: 25.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

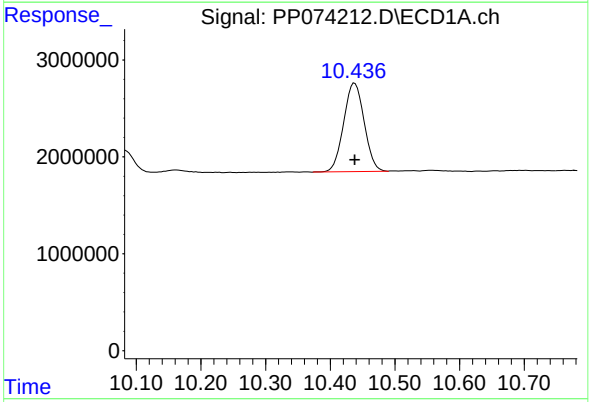
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



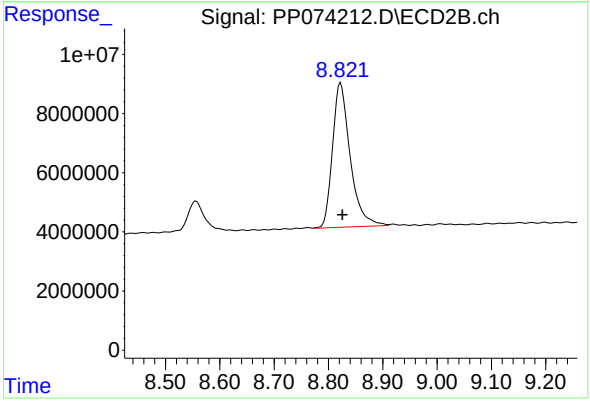
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 82620971
Conc: 21.55 ng/ml



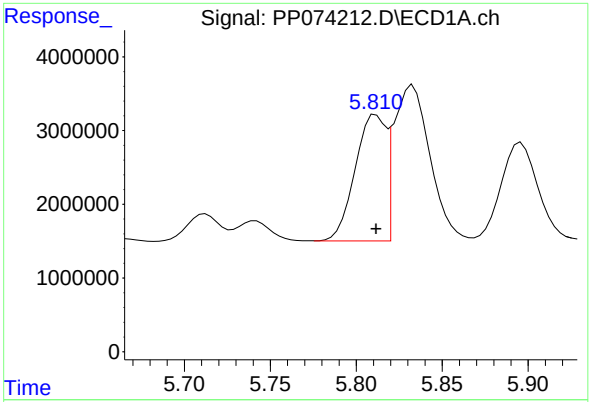
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 20128882
Conc: 20.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.003 min
Response: 110369499
Conc: 18.35 ng/ml



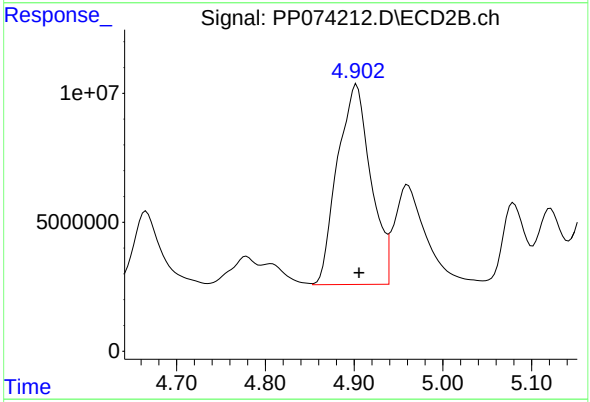
#3 AR-1016-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 21184879
Conc: 513.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

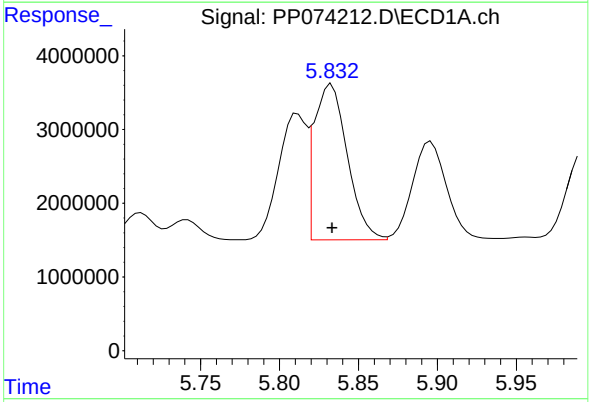
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



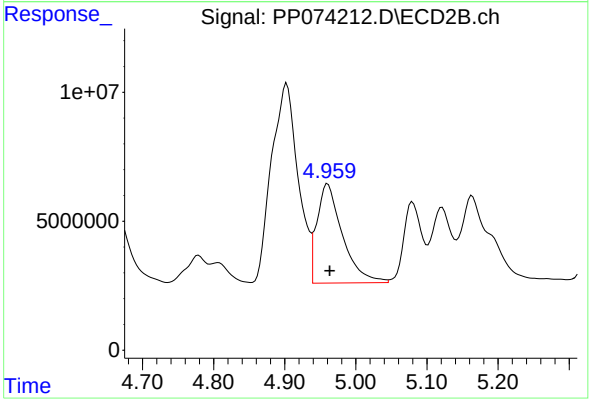
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 202260926
Conc: 507.06 ng/ml



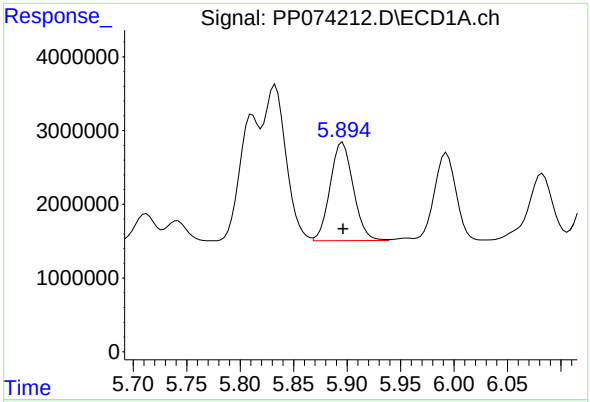
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 30887976
Conc: 508.51 ng/ml



#4 AR-1016-2

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 95749757
Conc: 509.83 ng/ml



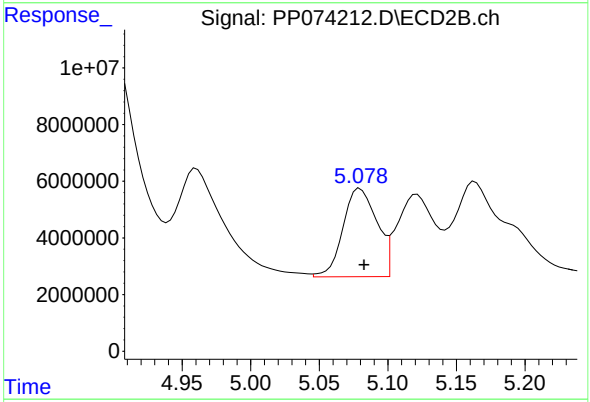
#5 AR-1016-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 20089441
Conc: 506.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

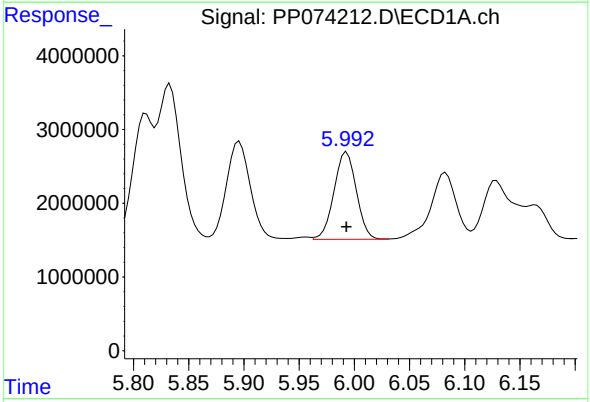
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



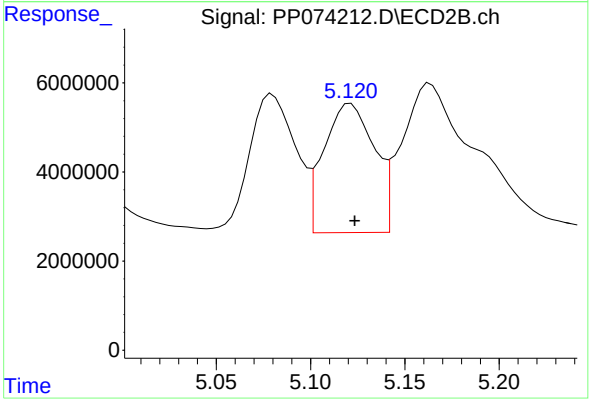
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 53722024
Conc: 506.48 ng/ml



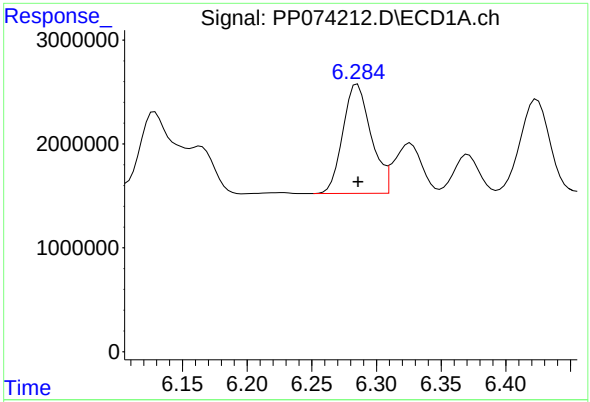
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 16691374
Conc: 512.88 ng/ml



#6 AR-1016-4

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 53776645
Conc: 492.37 ng/ml



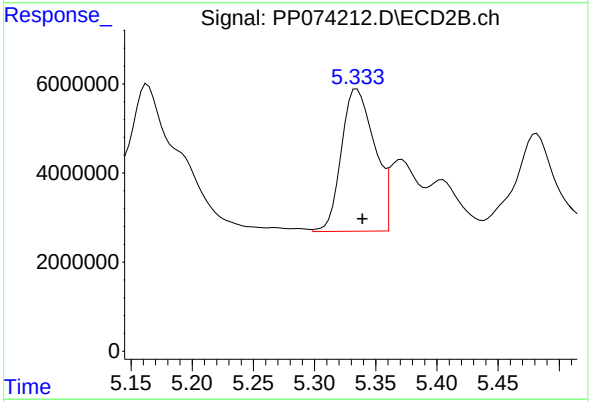
#7 AR-1016-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 15983266
Conc: 492.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

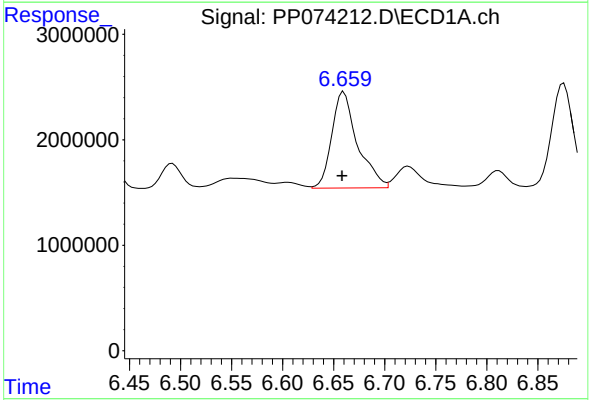
Manual Integrations
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Supervised By :mohammad ahmed 08/05/2025



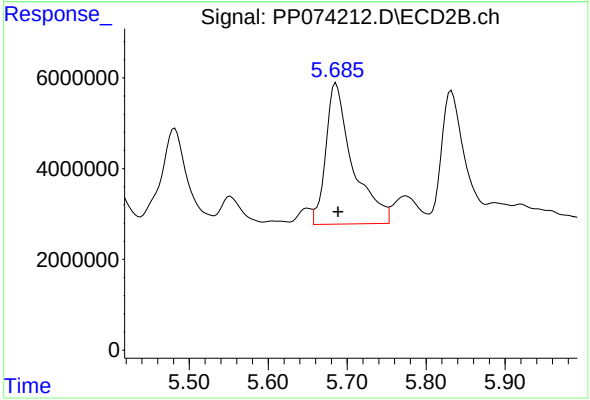
#7 AR-1016-5

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 60264730
Conc: 515.24 ng/ml



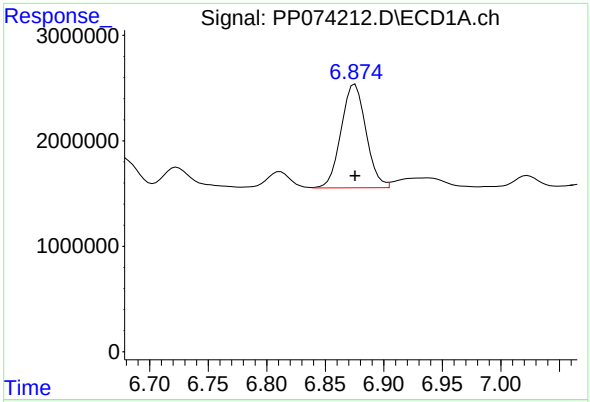
#26 AR-1254-1

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 15976122
Conc: 303.49 ng/ml



#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 73191181
Conc: 199.88 ng/ml



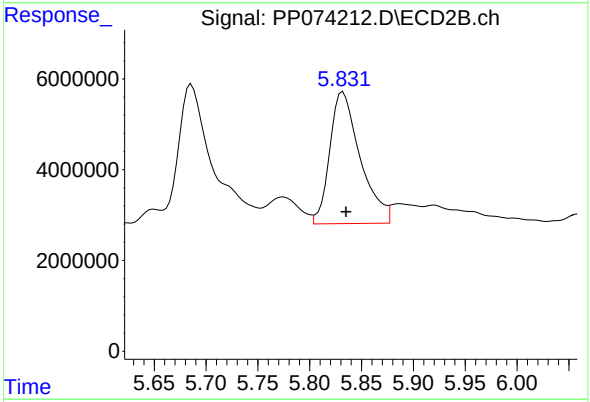
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 14540587
Conc: 182.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

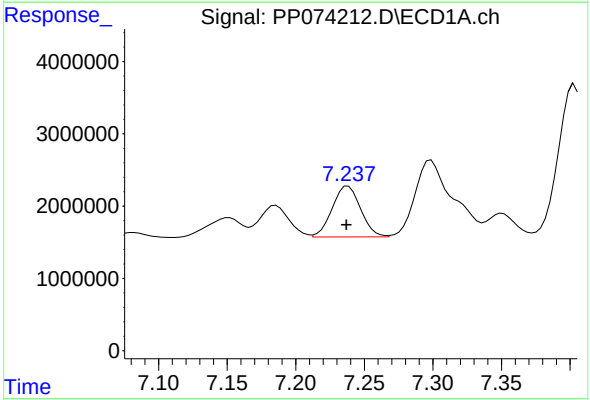
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



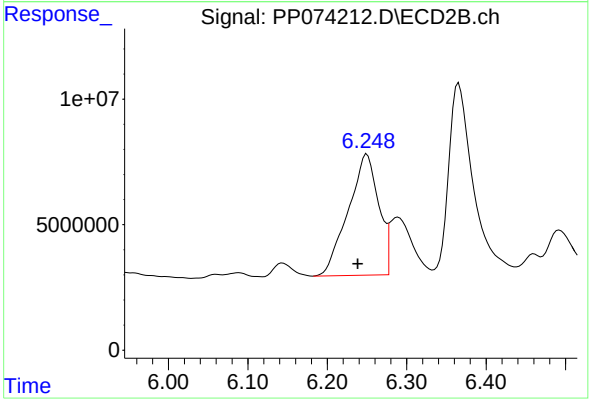
#27 AR-1254-2

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 59355131
Conc: 213.34 ng/ml



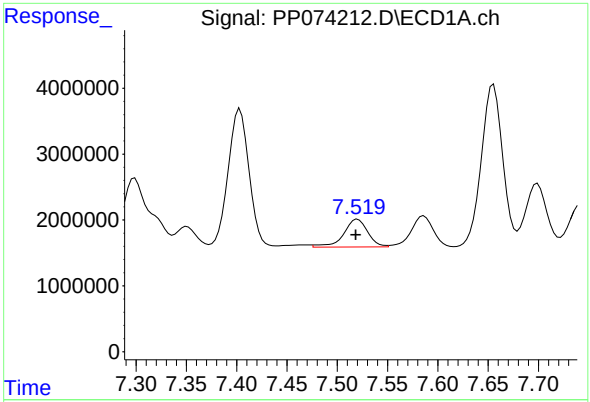
#28 AR-1254-3

R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 10135421
Conc: 116.08 ng/ml



#28 AR-1254-3

R.T.: 6.250 min
Delta R.T.: 0.012 min
Response: 128274668
Conc: 262.21 ng/ml



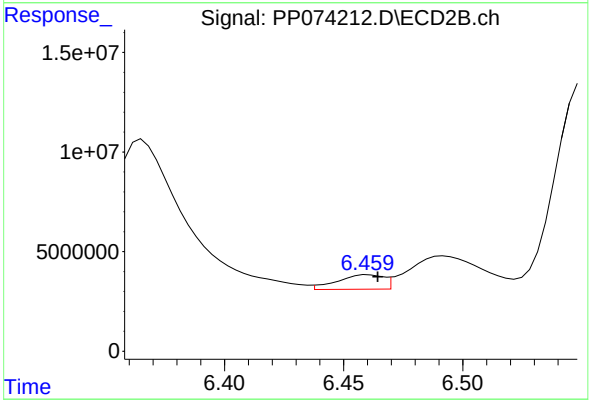
#29 AR-1254-4

R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 7055095
Conc: 110.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

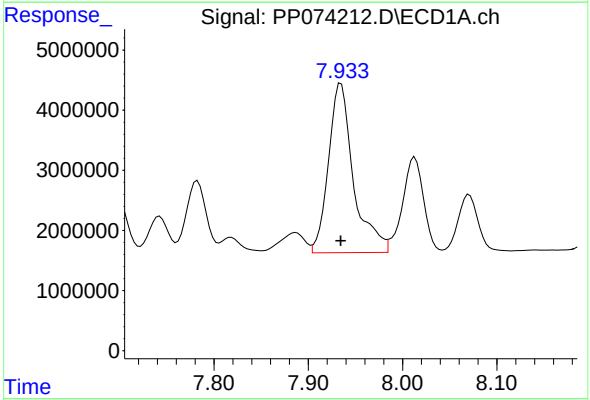
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



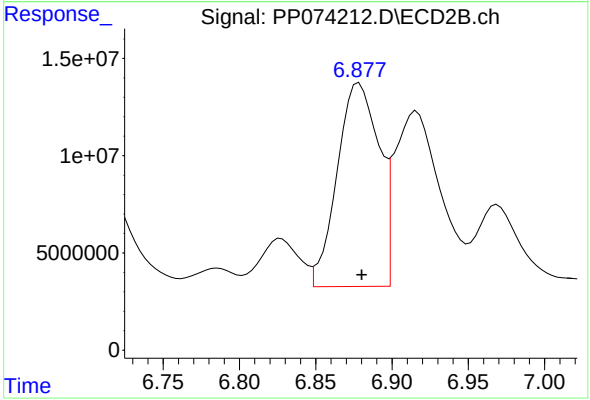
#29 AR-1254-4

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 9800518
Conc: 26.66 ng/ml



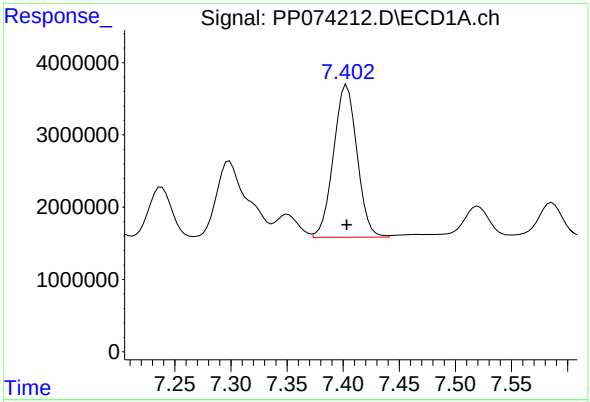
#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 51803028
Conc: 638.40 ng/ml



#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 198445684
Conc: 515.22 ng/ml



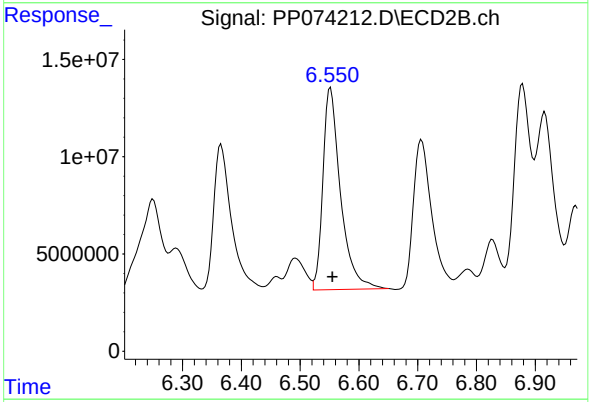
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 30800114
Conc: 546.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

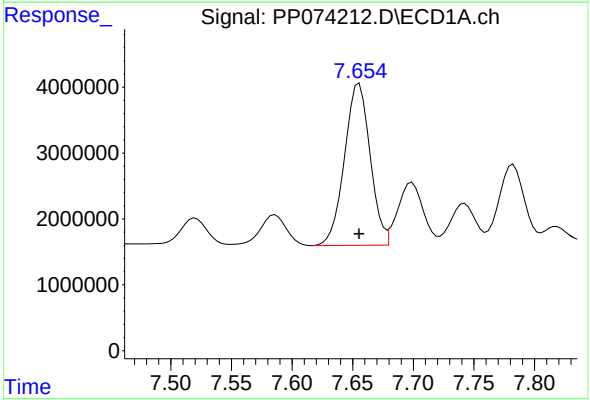
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



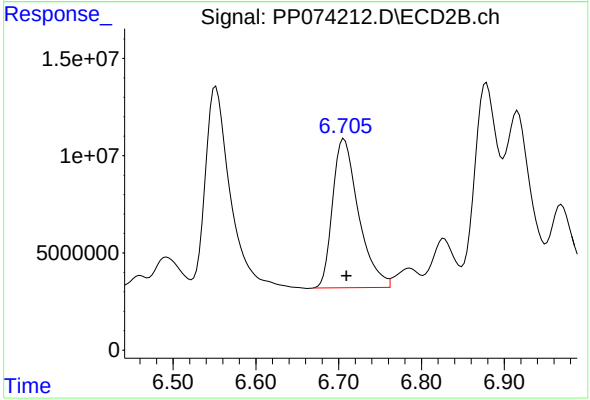
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 217094153
Conc: 537.42 ng/ml



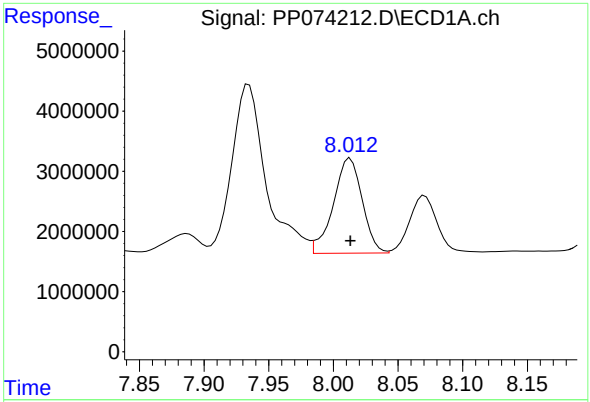
#32 AR-1260-2

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 36206285
Conc: 531.26 ng/ml



#32 AR-1260-2

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 166624520
Conc: 532.86 ng/ml



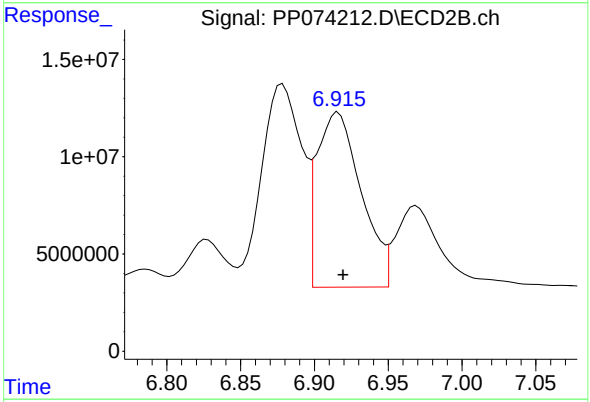
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 24509171
Conc: 459.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

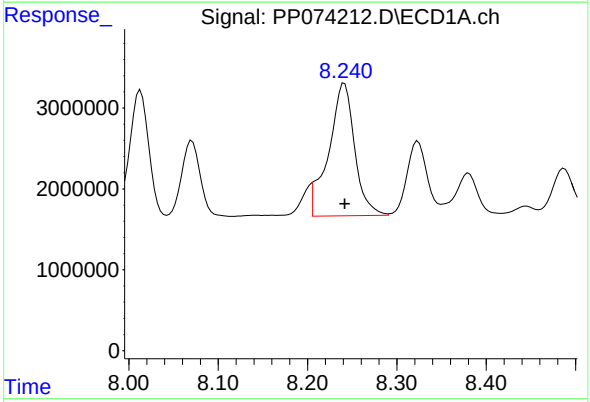
Manual Integrations
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Supervised By :mohammad ahmed 08/05/2025



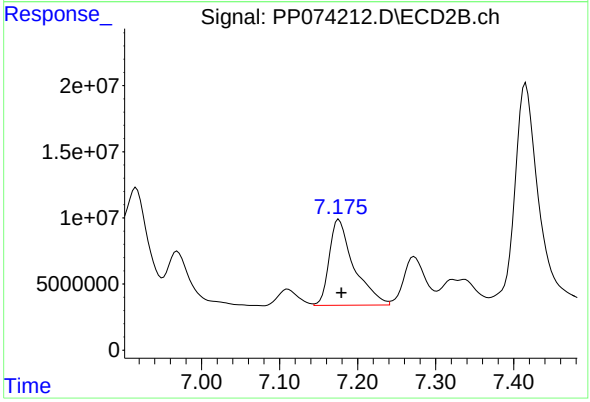
#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 187629938
Conc: 476.08 ng/ml



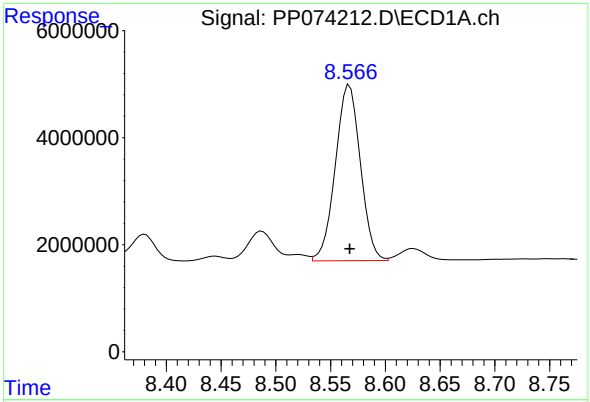
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 32727154
Conc: 522.67 ng/ml m



#34 AR-1260-4

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 142453555
Conc: 489.57 ng/ml



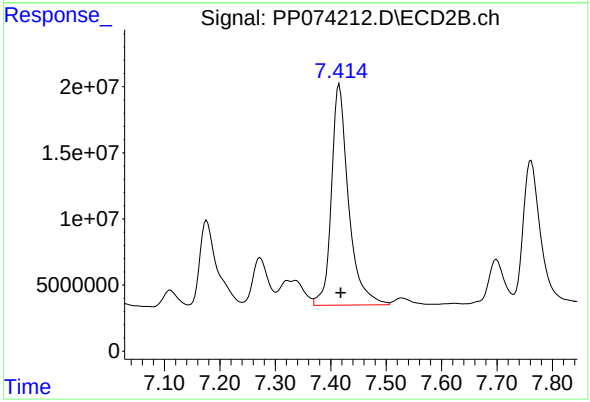
#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 52200935
Conc: 460.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
289MSD

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Supervised By :mohammad ahmed 08/05/2025



#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 358705878
Conc: 473.60 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:	PO080425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112711.D	AR-1260-3 #2	yogesh	8/4/2025 3:14:00 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112711.D	Decachlorobiphenyl	yogesh	8/4/2025 3:14:00 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112711.D	Decachlorobiphenyl #2	yogesh	8/4/2025 3:14:00 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112718.D	AR-1016-1	yogesh	8/4/2025 3:14:04 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112718.D	AR-1016-2	yogesh	8/4/2025 3:14:04 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112718.D	AR-1260-3 #2	yogesh	8/4/2025 3:14:04 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112718.D	Decachlorobiphenyl	yogesh	8/4/2025 3:14:04 PM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112728.D	AR-1016-5	yogesh	8/5/2025 7:24:07 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112728.D	AR-1260-3 #2	yogesh	8/5/2025 7:24:07 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112728.D	Decachlorobiphenyl	yogesh	8/5/2025 7:24:07 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1242CCC500	PO112729.D	AR-1242-5	yogesh	8/5/2025 7:24:09 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1254CCC500	PO112731.D	Decachlorobiphenyl	yogesh	8/5/2025 7:24:10 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
AR1660CCC500	PO112734.D	AR-1016-5	yogesh	8/5/2025 7:24:12 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO080425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112734.D	AR-1260-3 #2	yogesh	8/5/2025 7:24:12 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software
I.BLK	PO112738.D	Decachlorobiphenyl	yogesh	8/5/2025 7:24:14 AM	mohammad	8/5/2025 9:41:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	po080525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112740.D	AR-1016-5	yogesh	8/6/2025 7:25:54 AM			Peak Integrated by Software
AR1660CCC500	PO112740.D	AR-1260-3	yogesh	8/6/2025 7:25:54 AM			Peak Integrated by Software
AR1660CCC500	PO112740.D	AR-1260-3 #2	yogesh	8/6/2025 7:25:54 AM			Peak Integrated by Software
AR1660CCC500	PO112740.D	Decachlorobiphenyl	yogesh	8/6/2025 7:25:54 AM			Peak Integrated by Software
AR1660CCC500	PO112740.D	Decachlorobiphenyl #2	yogesh	8/6/2025 7:25:54 AM			Peak Integrated by Software
Q2747-01	PO112743.D	Decachlorobiphenyl	yogesh	8/6/2025 7:25:56 AM			Peak Integrated by Software
AR1660CCC500	PO112744.D	AR-1260-3 #2	yogesh	8/6/2025 7:25:58 AM			Peak Integrated by Software
AR1660CCC500	PO112744.D	Decachlorobiphenyl	yogesh	8/6/2025 7:25:58 AM			Peak Integrated by Software
AR1254CCC500	PO112747.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:00 AM			Peak Integrated by Software
AR1254CCC500	PO112747.D	Decachlorobiphenyl #2	yogesh	8/6/2025 7:26:00 AM			Peak Integrated by Software
I.BLK	PO112748.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:02 AM			Peak Integrated by Software
I.BLK	PO112748.D	Decachlorobiphenyl #2	yogesh	8/6/2025 7:26:02 AM			Peak Integrated by Software
AR1660CCC500	PO112758.D	AR-1260-3 #2	yogesh	8/6/2025 7:26:13 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	po080525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112758.D	AR-1260-4	yogesh	8/6/2025 7:26:13 AM			Peak Integrated by Software
AR1660CCC500	PO112758.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:13 AM			Peak Integrated by Software
AR1242CCC500	PO112759.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:15 AM			Peak Integrated by Software
AR1242CCC500	PO112759.D	Decachlorobiphenyl #2	yogesh	8/6/2025 7:26:15 AM			Peak Integrated by Software
AR1248CCC500	PO112760.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:17 AM			Peak Integrated by Software
AR1248CCC500	PO112760.D	Decachlorobiphenyl #2	yogesh	8/6/2025 7:26:17 AM			Peak Integrated by Software
AR1254CCC500	PO112761.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:19 AM			Peak Integrated by Software
AR1254CCC500	PO112761.D	Decachlorobiphenyl #2	yogesh	8/6/2025 7:26:19 AM			Peak Integrated by Software
I.BLK	PO112762.D	Decachlorobiphenyl	yogesh	8/6/2025 7:26:21 AM			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	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-1	yogesh	8/5/2025 7:23:21 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-2	yogesh	8/5/2025 7:23:21 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2 #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-4	yogesh	8/5/2025 7:22:19 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:19 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1232ICC500	PP074174.D	AR-1232-4 #2	yogesh	8/5/2025 7:22:20 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC1000	PP074175.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:22 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC750	PP074176.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:24 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC500	PP074177.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:27 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC250	PP074178.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:29 AM	mohammad	8/5/2025 9:41:33	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	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC050	PP074179.D	AR-1242-5	yogesh	8/5/2025 7:22:32 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:32 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:32 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC1000	PP074180.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:34 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC750	PP074181.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:36 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC500	PP074182.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:38 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC250	PP074183.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:40 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC050	PP074184.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:42 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC050	PP074184.D	AR-1248-5	yogesh	8/5/2025 7:22:42 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC050	PP074184.D	AR-1248-5 #2	yogesh	8/5/2025 7:22:42 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICC050	PP074184.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:42 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-1	yogesh	8/5/2025 7:22:44 AM	mohammad	8/5/2025 9:41:33	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
AR1254ICC1000	PP074185.D	AR-1254-5 #2	yogesh	8/5/2025 7:22:44 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1254ICC750	PP074186.D	AR-1254-1	yogesh	8/5/2025 7:22:45 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1254ICC500	PP074187.D	AR-1254-1	yogesh	8/5/2025 7:22:47 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1254ICC250	PP074188.D	AR-1254-1	yogesh	8/5/2025 7:22:49 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1254ICC050	PP074189.D	AR-1254-1	yogesh	8/5/2025 7:22:51 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1242ICV500	PP074197.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:52 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1248ICV500	PP074198.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:54 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software
AR1254ICV500	PP074199.D	AR-1254-1	yogesh	8/5/2025 7:22:56 AM	mohammad	8/5/2025 9:41:33	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080425	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074204.D	AR-1242-4 #2	yogesh	8/5/2025 7:25:08 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
AR1254CCC500	PP074205.D	AR-1254-1	yogesh	8/5/2025 7:25:10 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
PB169092BL	PP074208.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:25:14 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
PB169092BS	PP074209.D	AR-1260-4	yogesh	8/5/2025 7:25:16 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
PB169092BS	PP074209.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:25:16 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
Q2753-01MS	PP074211.D	AR-1254-4	yogesh	8/5/2025 7:25:21 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
Q2753-01MS	PP074211.D	AR-1260-4	yogesh	8/5/2025 7:25:21 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
Q2753-01MS	PP074211.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:25:21 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
Q2753-01MSD	PP074212.D	AR-1260-4	yogesh	8/5/2025 7:25:23 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
Q2753-01MSD	PP074212.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:25:23 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
AR1242CCC500	PP074215.D	AR-1242-4 #2	yogesh	8/5/2025 7:25:26 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software
AR1254CCC500	PP074216.D	AR-1254-1	yogesh	8/5/2025 7:25:28 AM	mohammad	8/5/2025 9:42:01	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080425	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	pp080525	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074225.D	AR-1242-4 #2	yogesh	8/6/2025 7:27:07 AM			Peak Integrated by Software
AR1254CCC500	PP074226.D	AR-1254-1	yogesh	8/6/2025 7:27:08 AM			Peak Integrated by Software
AR1242CCC500	PP074236.D	AR-1242-4 #2	yogesh	8/6/2025 7:27:25 AM			Peak Integrated by Software
AR1242CCC500	PP074236.D	AR-1242-5	yogesh	8/6/2025 7:27:25 AM			Peak Integrated by Software
AR1254CCC500	PP074237.D	AR-1254-1	yogesh	8/6/2025 7:27:27 AM			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 # PO080425

Review By	yogesh	Review On	8/4/2025 10:41:01 AM		
Supervise By	mohammad	Supervise On	8/5/2025 9:41:54 AM		
SubDirectory	PO080425	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	PO112710.D	04 Aug 2025 08:56	YP/AJ	Ok
2	AR1660CCC500	PO112711.D	04 Aug 2025 09:14	YP/AJ	Ok,M
3	AR1254CCC500	PO112712.D	04 Aug 2025 09:45	YP/AJ	Ok
4	I.BLK	PO112713.D	04 Aug 2025 10:03	YP/AJ	Ok
5	DDT ANALOG	PO112714.D	04 Aug 2025 10:21	YP/AJ	Ok
6	PB169090BL	PO112715.D	04 Aug 2025 10:40	YP/AJ	Not Ok
7	Q2736-04RE	PO112716.D	04 Aug 2025 10:58	YP/AJ	Confirms
8	Q2736-02DL	PO112717.D	04 Aug 2025 11:17	YP/AJ	Ok
9	AR1660CCC500	PO112718.D	04 Aug 2025 12:11	YP/AJ	Ok,M
10	AR1242CCC500	PO112719.D	04 Aug 2025 12:29	YP/AJ	Ok
11	AR1248CCC500	PO112720.D	04 Aug 2025 12:47	YP/AJ	Ok
12	AR1254CCC500	PO112721.D	04 Aug 2025 13:06	YP/AJ	Ok
13	I.BLK	PO112722.D	04 Aug 2025 13:24	YP/AJ	Ok
14	Q2747-01	PO112723.D	04 Aug 2025 13:43	YP/AJ	ReRun
15	Q2747-03	PO112724.D	04 Aug 2025 14:01	YP/AJ	Ok
16	Q2747-05	PO112725.D	04 Aug 2025 14:19	YP/AJ	Ok
17	Q2747-07	PO112726.D	04 Aug 2025 14:38	YP/AJ	ReRun
18	Q2747-09	PO112727.D	04 Aug 2025 14:56	YP/AJ	ReRun
19	AR1660CCC500	PO112728.D	04 Aug 2025 16:10	YP/AJ	Ok,M
20	AR1242CCC500	PO112729.D	04 Aug 2025 16:28	YP/AJ	Ok,M
21	AR1248CCC500	PO112730.D	04 Aug 2025 16:47	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080425

Review By	yogesh	Review On	8/4/2025 10:41:01 AM		
Supervise By	mohammad	Supervise On	8/5/2025 9:41:54 AM		
SubDirectory	PO080425	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	AR1254CCC500	PO112731.D	04 Aug 2025 17:04	YP/AJ	Ok,M
23	I.BLK	PO112732.D	04 Aug 2025 17:22	YP/AJ	Ok
24	PB169092BL	PO112733.D	04 Aug 2025 17:41	YP/AJ	Not Ok
25	AR1660CCC500	PO112734.D	04 Aug 2025 18:54	YP/AJ	Ok,M
26	AR1242CCC500	PO112735.D	04 Aug 2025 19:13	YP/AJ	Ok
27	AR1248CCC500	PO112736.D	04 Aug 2025 19:31	YP/AJ	Ok
28	AR1254CCC500	PO112737.D	04 Aug 2025 19:50	YP/AJ	Ok
29	I.BLK	PO112738.D	04 Aug 2025 20:07	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080525

Review By	yogesh	Review On	8/5/2025 10:39:27 AM		
Supervise By		Supervise On			
SubDirectory	PO080525	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,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112739.D	05 Aug 2025 08:10	YP/AJ	Ok
2	AR1660CCC500	PO112740.D	05 Aug 2025 08:29	YP/AJ	Ok,NS
3	I.BLK	PO112741.D	05 Aug 2025 08:50	YP/AJ	Ok
4	DDT ANALOG	PO112742.D	05 Aug 2025 09:10	YP/AJ	Ok
5	Q2747-01	PO112743.D	05 Aug 2025 09:28	YP/AJ	Ok,NS
6	AR1660CCC500	PO112744.D	05 Aug 2025 10:05	YP/AJ	Ok,NS
7	AR1242CCC500	PO112745.D	05 Aug 2025 10:37	YP/AJ	Ok
8	AR1248CCC500	PO112746.D	05 Aug 2025 10:55	YP/AJ	Ok
9	AR1254CCC500	PO112747.D	05 Aug 2025 11:13	YP/AJ	Ok,NS
10	I.BLK	PO112748.D	05 Aug 2025 11:32	YP/AJ	Ok,NS
11	PB169117BL	PO112749.D	05 Aug 2025 12:00	YP/AJ	Ok
12	PB169117BS	PO112750.D	05 Aug 2025 12:18	YP/AJ	Ok,NS
13	Q2758-01	PO112751.D	05 Aug 2025 12:36	YP/AJ	Ok,NS
14	Q2759-01	PO112752.D	05 Aug 2025 12:55	YP/AJ	Ok
15	Q2760-01	PO112753.D	05 Aug 2025 13:12	YP/AJ	Ok,NS
16	Q2760-01MS	PO112754.D	05 Aug 2025 13:31	YP/AJ	Ok,NS
17	Q2760-01MSD	PO112755.D	05 Aug 2025 13:49	YP/AJ	Ok,NS
18	Q2763-01	PO112756.D	05 Aug 2025 14:07	YP/AJ	Ok
19	Q2752-03	PO112757.D	05 Aug 2025 14:26	YP/AJ	ReRun
20	AR1660CCC500	PO112758.D	05 Aug 2025 15:38	YP/AJ	Ok,NS
21	AR1242CCC500	PO112759.D	05 Aug 2025 16:15	YP/AJ	Ok,NS

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080525

Review By	yogesh	Review On	8/5/2025 10:39:27 AM		
Supervise By		Supervise On			
SubDirectory	PO080525	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	AR1248CCC500	PO112760.D	05 Aug 2025 16:34	YP/AJ	Ok,NS
23	AR1254CCC500	PO112761.D	05 Aug 2025 16:52	YP/AJ	Ok,NS
24	I.BLK	PO112762.D	05 Aug 2025 17:10	YP/AJ	Ok,NS

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	8/5/2025 9:41:33 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	8/5/2025 9:41:33 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 # PP080425

Review By	yogesh	Review On	8/4/2025 1:03:26 PM		
Supervise By	mohammad	Supervise On	8/5/2025 9:42:01 AM		
SubDirectory	PP080425	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	PP074202.D	04 Aug 2025 09:04	YP\AJ	Ok
2	AR1660CCC500	PP074203.D	04 Aug 2025 09:20	YP\AJ	Ok
3	AR1242CCC500	PP074204.D	04 Aug 2025 09:48	YP\AJ	Ok,M
4	AR1254CCC500	PP074205.D	04 Aug 2025 10:37	YP\AJ	Ok,M
5	I.BLK	PP074206.D	04 Aug 2025 10:53	YP\AJ	Ok
6	DDT ANALOG	PP074207.D	04 Aug 2025 11:09	YP\AJ	Ok
7	PB169092BL	PP074208.D	04 Aug 2025 12:36	YP\AJ	Ok,M
8	PB169092BS	PP074209.D	04 Aug 2025 12:52	YP\AJ	Ok,M
9	Q2753-01	PP074210.D	04 Aug 2025 13:09	YP\AJ	Ok,M
10	Q2753-01MS	PP074211.D	04 Aug 2025 13:25	YP\AJ	Ok,M
11	Q2753-01MSD	PP074212.D	04 Aug 2025 13:41	YP\AJ	Ok,M
12	Q2754-01	PP074213.D	04 Aug 2025 13:57	YP\AJ	Ok,M
13	AR1660CCC500	PP074214.D	04 Aug 2025 15:02	YP\AJ	Ok
14	AR1242CCC500	PP074215.D	04 Aug 2025 15:18	YP\AJ	Ok,M
15	AR1254CCC500	PP074216.D	04 Aug 2025 15:35	YP\AJ	Ok,M
16	I.BLK	PP074217.D	04 Aug 2025 15:51	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080525

Review By	yogesh	Review On	8/5/2025 10:40:30 AM		
Supervise By		Supervise On			
SubDirectory	PP080525	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	PP074218.D	05 Aug 2025 08:14	YP\AJ	Ok
2	AR1660CCC500	PP074219.D	05 Aug 2025 08:31	YP\AJ	Ok
3	I.BLK	PP074220.D	05 Aug 2025 08:57	YP\AJ	Ok
4	DDT ANALOG	PP074221.D	05 Aug 2025 09:13	YP\AJ	Ok
5	Q2747-07	PP074222.D	05 Aug 2025 09:29	YP\AJ	Ok
6	Q2747-09	PP074223.D	05 Aug 2025 09:46	YP\AJ	Ok
7	AR1660CCC500	PP074224.D	05 Aug 2025 10:35	YP\AJ	Ok
8	AR1242CCC500	PP074225.D	05 Aug 2025 10:51	YP\AJ	Ok,NS
9	AR1254CCC500	PP074226.D	05 Aug 2025 11:07	YP\AJ	Ok,NS
10	I.BLK	PP074227.D	05 Aug 2025 11:23	YP\AJ	Ok
11	PB169121BL	PP074228.D	05 Aug 2025 13:46	YP\AJ	Ok
12	PB169121BS	PP074229.D	05 Aug 2025 14:02	YP\AJ	Ok,NS
13	PB169121BSD	PP074230.D	05 Aug 2025 14:18	YP\AJ	Ok,NS
14	Q2751-01	PP074231.D	05 Aug 2025 14:35	YP\AJ	Ok,NS
15	Q2756-01	PP074232.D	05 Aug 2025 14:51	YP\AJ	Ok,NS
16	Q2754-02	PP074233.D	05 Aug 2025 15:07	YP\AJ	ReRun
17	Q2759-04	PP074234.D	05 Aug 2025 15:23	YP\AJ	Ok,NS
18	AR1660CCC500	PP074235.D	05 Aug 2025 16:28	YP\AJ	Ok
19	AR1242CCC500	PP074236.D	05 Aug 2025 17:17	YP\AJ	Ok,NS
20	AR1254CCC500	PP074237.D	05 Aug 2025 17:33	YP\AJ	Ok,NS
21	I.BLK	PP074238.D	05 Aug 2025 17:49	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 # PO080425

Review By	yogesh	Review On	8/4/2025 10:41:01 AM		
Supervise By	mohammad	Supervise On	8/5/2025 9:41:54 AM		
SubDirectory	PO080425	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	PO112710.D	04 Aug 2025 08:56		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112711.D	04 Aug 2025 09:14		YP/AJ	Ok,M
3	AR1254CCC500	AR1254CCC500	PO112712.D	04 Aug 2025 09:45		YP/AJ	Ok
4	I.BLK	I.BLK	PO112713.D	04 Aug 2025 10:03		YP/AJ	Ok
5	DDT ANALOG	DDT ANALOG	PO112714.D	04 Aug 2025 10:21		YP/AJ	Ok
6	PB169090BL	PB169090BL	PO112715.D	04 Aug 2025 10:40	Not used	YP/AJ	Not Ok
7	Q2736-04RE	4044	PO112716.D	04 Aug 2025 10:58	DCB high in both column	YP/AJ	Confirms
8	Q2736-02DL	4023DL	PO112717.D	04 Aug 2025 11:17	DCB Low in 1st column , AR1254 hits	YP/AJ	Ok
9	AR1660CCC500	AR1660CCC500	PO112718.D	04 Aug 2025 12:11		YP/AJ	Ok,M
10	AR1242CCC500	AR1242CCC500	PO112719.D	04 Aug 2025 12:29		YP/AJ	Ok
11	AR1248CCC500	AR1248CCC500	PO112720.D	04 Aug 2025 12:47		YP/AJ	Ok
12	AR1254CCC500	AR1254CCC500	PO112721.D	04 Aug 2025 13:06		YP/AJ	Ok
13	I.BLK	I.BLK	PO112722.D	04 Aug 2025 13:24		YP/AJ	Ok
14	Q2747-01	OU4-TS-GRILLO-OG2-	PO112723.D	04 Aug 2025 13:43	DCB Low in both column	YP/AJ	ReRun
15	Q2747-03	OU4-TS-GRILLO-OG3-	PO112724.D	04 Aug 2025 14:01		YP/AJ	Ok
16	Q2747-05	OU4-TS-GRILLO-OG4-	PO112725.D	04 Aug 2025 14:19		YP/AJ	Ok
17	Q2747-07	OU4-TS-GRILLO-TSCF	PO112726.D	04 Aug 2025 14:38	DCB Low in both column	YP/AJ	ReRun

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080425

Review By	yogesh	Review On	8/4/2025 10:41:01 AM		
Supervise By	mohammad	Supervise On	8/5/2025 9:41:54 AM		
SubDirectory	PO080425	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	

18	Q2747-09	OU4-TS-GRILLO-TSCF	PO112727.D	04 Aug 2025 14:56	DCB Low in both column	YP/AJ	ReRun
19	AR1660CCC500	AR1660CCC500	PO112728.D	04 Aug 2025 16:10		YP/AJ	Ok,M
20	AR1242CCC500	AR1242CCC500	PO112729.D	04 Aug 2025 16:28		YP/AJ	Ok,M
21	AR1248CCC500	AR1248CCC500	PO112730.D	04 Aug 2025 16:47		YP/AJ	Ok
22	AR1254CCC500	AR1254CCC500	PO112731.D	04 Aug 2025 17:04		YP/AJ	Ok,M
23	I.BLK	I.BLK	PO112732.D	04 Aug 2025 17:22		YP/AJ	Ok
24	PB169092BL	PB169092BL	PO112733.D	04 Aug 2025 17:41	Not used	YP/AJ	Not Ok
25	AR1660CCC500	AR1660CCC500	PO112734.D	04 Aug 2025 18:54		YP/AJ	Ok,M
26	AR1242CCC500	AR1242CCC500	PO112735.D	04 Aug 2025 19:13		YP/AJ	Ok
27	AR1248CCC500	AR1248CCC500	PO112736.D	04 Aug 2025 19:31		YP/AJ	Ok
28	AR1254CCC500	AR1254CCC500	PO112737.D	04 Aug 2025 19:50		YP/AJ	Ok
29	I.BLK	I.BLK	PO112738.D	04 Aug 2025 20:07		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080525

Review By	yogesh	Review On	8/5/2025 10:39:27 AM		
Supervise By		Supervise On			
SubDirectory	PO080525	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	PO112739.D	05 Aug 2025 08:10		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112740.D	05 Aug 2025 08:29		YP/AJ	Ok,NS
3	I.BLK	I.BLK	PO112741.D	05 Aug 2025 08:50		YP/AJ	Ok
4	DDT ANALOG	DDT ANALOG	PO112742.D	05 Aug 2025 09:10		YP/AJ	Ok
5	Q2747-01	OU4-TS-GRILLO-OG2-	PO112743.D	05 Aug 2025 09:28		YP/AJ	Ok,NS
6	AR1660CCC500	AR1660CCC500	PO112744.D	05 Aug 2025 10:05		YP/AJ	Ok,NS
7	AR1242CCC500	AR1242CCC500	PO112745.D	05 Aug 2025 10:37		YP/AJ	Ok
8	AR1248CCC500	AR1248CCC500	PO112746.D	05 Aug 2025 10:55		YP/AJ	Ok
9	AR1254CCC500	AR1254CCC500	PO112747.D	05 Aug 2025 11:13		YP/AJ	Ok,NS
10	I.BLK	I.BLK	PO112748.D	05 Aug 2025 11:32		YP/AJ	Ok,NS
11	PB169117BL	PB169117BL	PO112749.D	05 Aug 2025 12:00		YP/AJ	Ok
12	PB169117BS	PB169117BS	PO112750.D	05 Aug 2025 12:18		YP/AJ	Ok,NS
13	Q2758-01	WASTE	PO112751.D	05 Aug 2025 12:36		YP/AJ	Ok,NS
14	Q2759-01	SOLID-DRUMS	PO112752.D	05 Aug 2025 12:55		YP/AJ	Ok
15	Q2760-01	NB-07-08042025	PO112753.D	05 Aug 2025 13:12		YP/AJ	Ok,NS
16	Q2760-01MS	NB-07-08042025MS	PO112754.D	05 Aug 2025 13:31		YP/AJ	Ok,NS
17	Q2760-01MSD	NB-07-08042025MSD	PO112755.D	05 Aug 2025 13:49		YP/AJ	Ok,NS
18	Q2763-01	TP-2	PO112756.D	05 Aug 2025 14:07		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080525

Review By	yogesh	Review On	8/5/2025 10:39:27 AM		
Supervise By		Supervise On			
SubDirectory	PO080525	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	Q2752-03	PIPE-LINE-LIQUIDS	PO112757.D	05 Aug 2025 14:26	TCMX high in both column	YP/AJ	ReRun
20	AR1660CCC500	AR1660CCC500	PO112758.D	05 Aug 2025 15:38	DCB Low in 1st column	YP/AJ	Ok,NS
21	AR1242CCC500	AR1242CCC500	PO112759.D	05 Aug 2025 16:15		YP/AJ	Ok,NS
22	AR1248CCC500	AR1248CCC500	PO112760.D	05 Aug 2025 16:34		YP/AJ	Ok,NS
23	AR1254CCC500	AR1254CCC500	PO112761.D	05 Aug 2025 16:52		YP/AJ	Ok,NS
24	I.BLK	I.BLK	PO112762.D	05 Aug 2025 17:10		YP/AJ	Ok,NS

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	8/5/2025 9:41:33 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

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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	8/5/2025 9:41:33 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

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080425

Review By	yogesh	Review On	8/4/2025 1:03:26 PM		
Supervise By	mohammad	Supervise On	8/5/2025 9:42:01 AM		
SubDirectory	PP080425	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	PP074202.D	04 Aug 2025 09:04		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074203.D	04 Aug 2025 09:20		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074204.D	04 Aug 2025 09:48		YP\AJ	Ok,M
4	AR1254CCC500	AR1254CCC500	PP074205.D	04 Aug 2025 10:37		YP\AJ	Ok,M
5	I.BLK	I.BLK	PP074206.D	04 Aug 2025 10:53		YP\AJ	Ok
6	DDT ANALOG	DDT ANALOG	PP074207.D	04 Aug 2025 11:09		YP\AJ	Ok
7	PB169092BL	PB169092BL	PP074208.D	04 Aug 2025 12:36		YP\AJ	Ok,M
8	PB169092BS	PB169092BS	PP074209.D	04 Aug 2025 12:52		YP\AJ	Ok,M
9	Q2753-01	289	PP074210.D	04 Aug 2025 13:09	AR1254 Hit	YP\AJ	Ok,M
10	Q2753-01MS	289MS	PP074211.D	04 Aug 2025 13:25		YP\AJ	Ok,M
11	Q2753-01MSD	289MSD	PP074212.D	04 Aug 2025 13:41		YP\AJ	Ok,M
12	Q2754-01	OILY-RAGS	PP074213.D	04 Aug 2025 13:57		YP\AJ	Ok,M
13	AR1660CCC500	AR1660CCC500	PP074214.D	04 Aug 2025 15:02		YP\AJ	Ok
14	AR1242CCC500	AR1242CCC500	PP074215.D	04 Aug 2025 15:18		YP\AJ	Ok,M
15	AR1254CCC500	AR1254CCC500	PP074216.D	04 Aug 2025 15:35		YP\AJ	Ok,M
16	I.BLK	I.BLK	PP074217.D	04 Aug 2025 15:51		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080525

Review By	yogesh	Review On	8/5/2025 10:40:30 AM		
Supervise By		Supervise On			
SubDirectory	PP080525	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	PP074218.D	05 Aug 2025 08:14		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074219.D	05 Aug 2025 08:31		YP\AJ	Ok
3	I.BLK	I.BLK	PP074220.D	05 Aug 2025 08:57		YP\AJ	Ok
4	DDT ANALOG	DDT ANALOG	PP074221.D	05 Aug 2025 09:13		YP\AJ	Ok
5	Q2747-07	OU4-TS-GRILLO-TSCF	PP074222.D	05 Aug 2025 09:29		YP\AJ	Ok
6	Q2747-09	OU4-TS-GRILLO-TSCF	PP074223.D	05 Aug 2025 09:46		YP\AJ	Ok
7	AR1660CCC500	AR1660CCC500	PP074224.D	05 Aug 2025 10:35		YP\AJ	Ok
8	AR1242CCC500	AR1242CCC500	PP074225.D	05 Aug 2025 10:51		YP\AJ	Ok,NS
9	AR1254CCC500	AR1254CCC500	PP074226.D	05 Aug 2025 11:07		YP\AJ	Ok,NS
10	I.BLK	I.BLK	PP074227.D	05 Aug 2025 11:23		YP\AJ	Ok
11	PB169121BL	PB169121BL	PP074228.D	05 Aug 2025 13:46		YP\AJ	Ok
12	PB169121BS	PB169121BS	PP074229.D	05 Aug 2025 14:02		YP\AJ	Ok,NS
13	PB169121BSD	PB169121BSD	PP074230.D	05 Aug 2025 14:18		YP\AJ	Ok,NS
14	Q2751-01	ROLL-OFF-LIQUID	PP074231.D	05 Aug 2025 14:35	Tcmx high in 2nd column	YP\AJ	Ok,NS
15	Q2756-01	71725	PP074232.D	05 Aug 2025 14:51		YP\AJ	Ok,NS
16	Q2754-02	OILY-WATER	PP074233.D	05 Aug 2025 15:07	DCB low in both column , TCMX low in 2nd column , AR1260 Hit	YP\AJ	ReRun
17	Q2759-04	LIQUID-DRUMS	PP074234.D	05 Aug 2025 15:23	TCMX low in 2nd column	YP\AJ	Ok,NS

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080525

Review By	yogesh	Review On	8/5/2025 10:40:30 AM		
Supervise By		Supervise On			
SubDirectory	PP080525	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	

18	AR1660CCC500	AR1660CCC500	PP074235.D	05 Aug 2025 16:28		YP\AJ	Ok
19	AR1242CCC500	AR1242CCC500	PP074236.D	05 Aug 2025 17:17		YP\AJ	Ok,NS
20	AR1254CCC500	AR1254CCC500	PP074237.D	05 Aug 2025 17:33		YP\AJ	Ok,NS
21	I.BLK	I.BLK	PP074238.D	05 Aug 2025 17:49		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 8/4/2025

OVENTEMP IN Celsius(°C): 106
Time IN: 16:15
In Date: 08/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:14
Out Date: 08/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136681

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2744-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2744-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2744-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2744-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2744-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2744-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2747-01	OU4-TS-GRILLO-OG2-073125	7	1.17	10.04	11.21	8.77	75.7	
Q2747-03	OU4-TS-GRILLO-OG3-073125	8	1.16	10.28	11.44	9.14	77.6	
Q2747-05	OU4-TS-GRILLO-OG4-073125	9	1.17	10.36	11.53	9.51	80.5	
Q2747-07	OU4-TS-GRILLO-TSCP01-073125	10	1.16	10.07	11.23	7.85	66.4	
Q2747-09	OU4-TS-GRILLO-TSCP02-073125	11	1.18	10.08	11.26	7.6	63.7	
Q2753-01	289	12	1.17	10.62	11.79	10.99	92.5	
Q2754-01	OILY-RAGS	13	1.00	1.00	2.00	2.00	100.0	oily-rags
Q2755-01	80125-A	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2755-02	80125-B	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB 136681

WorkList Name : % SOLID-080125 **WorkList ID :** 191065 **Department :** Wet-Chemistry **Date :** 08-01-2025 15:30:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2744-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2747-01	OU4-TS-GRILLO-OG2-073125	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2747-03	OU4-TS-GRILLO-OG3-073125	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2747-05	OU4-TS-GRILLO-OG4-073125	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2747-07	OU4-TS-GRILLO-TSCP01-0731	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2747-09	OU4-TS-GRILLO-TSCP02-0731	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2753-01	289	Solid	Percent Solids	Cool 4 deg C	PSEG01	D41	08/01/2025	Chemtech -SO
Q2754-01	OILY-RAGS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -SO
Q2755-01	80125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -SO
Q2755-02	80125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -SO

Date/Time 08/01/25 15:50
Raw Sample Received by: 12(WC)
Raw Sample Relinquished by: CP SM

Date/Time 08/01/25 16:25
Raw Sample Received by: CP SM
Raw Sample Relinquished by: 12(WC)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169092

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	08/04/2025
Matrix :	Solid			**Extraction Start Time :**	08:55
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/04/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:10
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	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
Hexane/Acetone/1:1	N/A	EP2627
Baked Na2SO4	N/A	EP2629
Hexane	N/A	E3956
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721, Q2754 used Limited volume as samples is Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/4/25	RS (Ext-Lab)	Y. P. Pest/PCB.
12:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169092

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 08/04/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169092BL	ABLK092	PCB	30.01	N/A	ritesh	RUPESH	10			U1-1
PB169092BS	ALCS092	PCB	30.03	N/A	ritesh	RUPESH	10			2
Q2747-01	OU4-TS-GRILLO-OG2-073125	PCB	30.05	N/A	ritesh	RUPESH	10	E		3
Q2747-03	OU4-TS-GRILLO-OG3-073125	PCB	30.08	N/A	ritesh	RUPESH	10	E		4
Q2747-05	OU4-TS-GRILLO-OG4-073125	PCB	30.04	N/A	ritesh	RUPESH	10	E		5
Q2747-07	OU4-TS-GRILLO-TSCP01-073125	PCB	30.02	N/A	ritesh	RUPESH	10	E		6
Q2747-09	OU4-TS-GRILLO-TSCP02-073125	PCB	30.06	N/A	ritesh	RUPESH	10	E		U2-1
Q2753-01	289	PCB	30.09	N/A	ritesh	RUPESH	10	E		2
Q2753-01MS	289MS	PCB	30.04	N/A	ritesh	RUPESH	10	E		3
Q2753-01MSD	289MSD	PCB	30.06	N/A	ritesh	RUPESH	10	E		4
Q2754-01	OILY-RAGS	PCB	5.03	N/A	ritesh	RUPESH	10	E	Soil+Oily Debris	5

RS 8/4

* **Extracts relinguished on the same date as received.**

16092 8:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2754 **WorkList ID :** 191076 **Department :** Extraction **Date :** 08-04-2025 08:29:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2747-01	OU4-TS-GRILLO-OG2-073125	Solid	PCB	Cool 4 deg C	NOBI03	O32	07/31/2025	8082A
Q2747-03	OU4-TS-GRILLO-OG3-073125	Solid	PCB	Cool 4 deg C	NOBI03	O32	07/31/2025	8082A
Q2747-05	OU4-TS-GRILLO-OG4-073125	Solid	PCB	Cool 4 deg C	NOBI03	O32	07/31/2025	8082A
Q2747-07	OU4-TS-GRILLO-TSCP01-073'	Solid	PCB	Cool 4 deg C	NOBI03	O32	07/31/2025	8082A
Q2747-09	OU4-TS-GRILLO-TSCP02-073'	Solid	PCB	Cool 4 deg C	NOBI03	O32	07/31/2025	8082A
Q2753-01	289	Solid	PCB	Cool 4 deg C	PSEG01		08/01/2025	8082A
Q2754-01	OILY-RAGS	Solid	PCB	Cool 4 deg C	PSEG03	D41	08/01/2025	8082A

Date/Time 08/04/25 8:50
Raw Sample Received by: RJ (EZ-Lab)
Raw Sample Relinquished by: SR

Date/Time 08/04/25 9:05
Raw Sample Received by: SR
Raw Sample Relinquished by: RJ (EZ-Lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q2747

Test : PCB

Prepbatch ID : PB169092,

Sequence ID/Qc Batch ID: po080425,po080525,PP080425,pp080525,

Standard ID :

EP2610,EP2627,EP2629,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,E3949,E3950,E3951,E3956,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
230	1:1ACETONE/HEXANE	EP2627	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000ml of E3949 + 4000.00000ml of E3950 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2629	07/28/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 07/28/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	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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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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

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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	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3950

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

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	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	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

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

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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

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

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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	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

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	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

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Read on 7/2/25

E3949

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

3950

Read on 7/02/25

Jamie Croak
Director Quality Operations, Bioscience Production

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 7/16/25

E3956

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

Absolute Standards, Inc.
800-368-1131
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

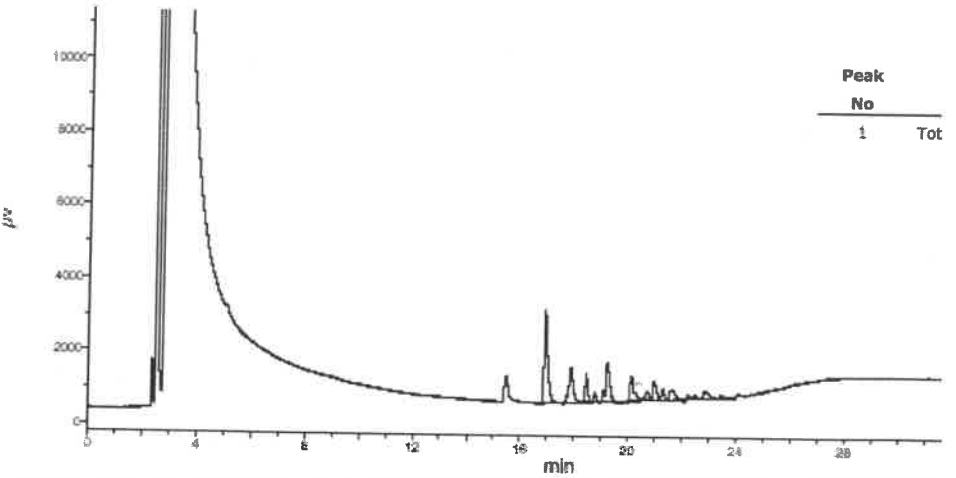
Weight(s) shown below were combined and diluted to (mL): 100.0

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



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	---%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

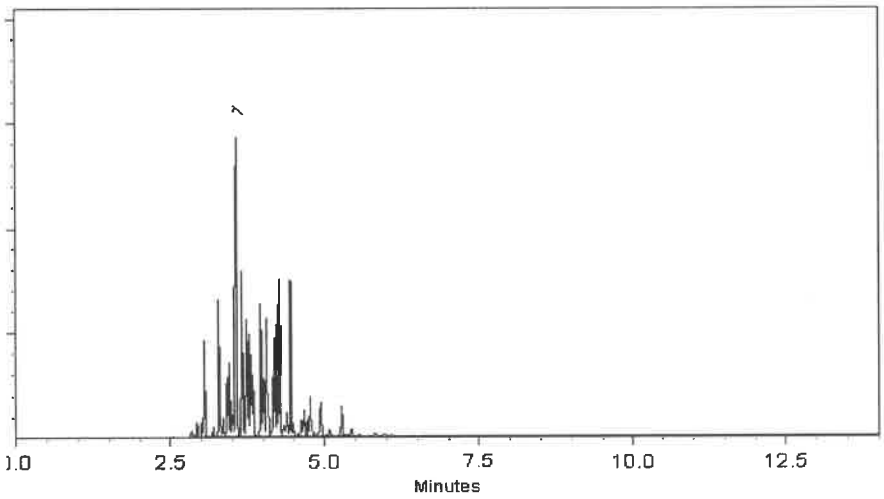
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933
↓
P12937
AJ
12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

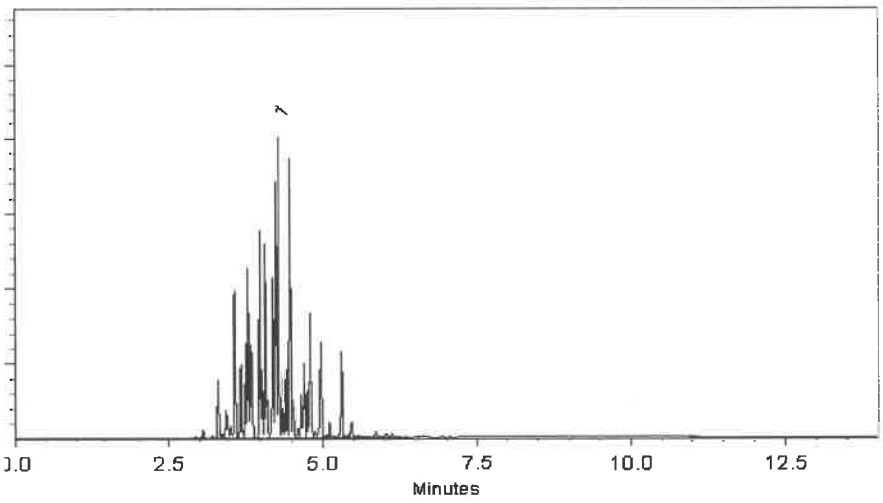
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

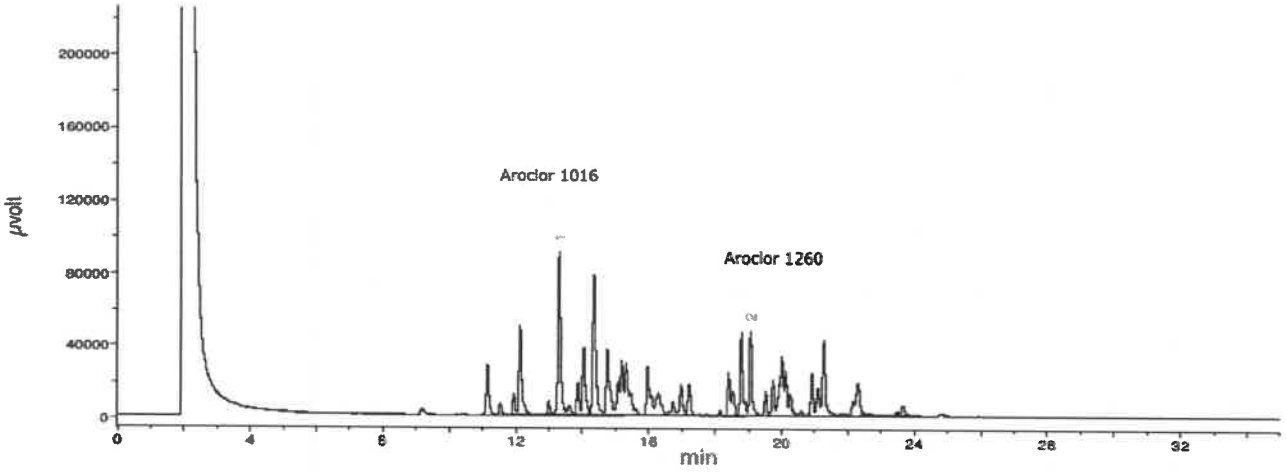
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — 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

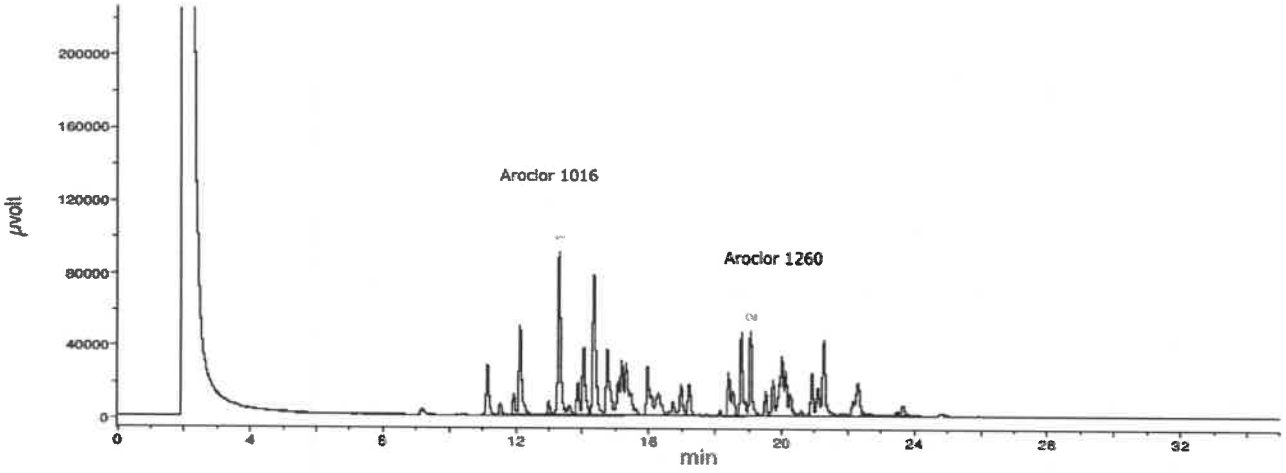
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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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www.absolutestandards.com

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

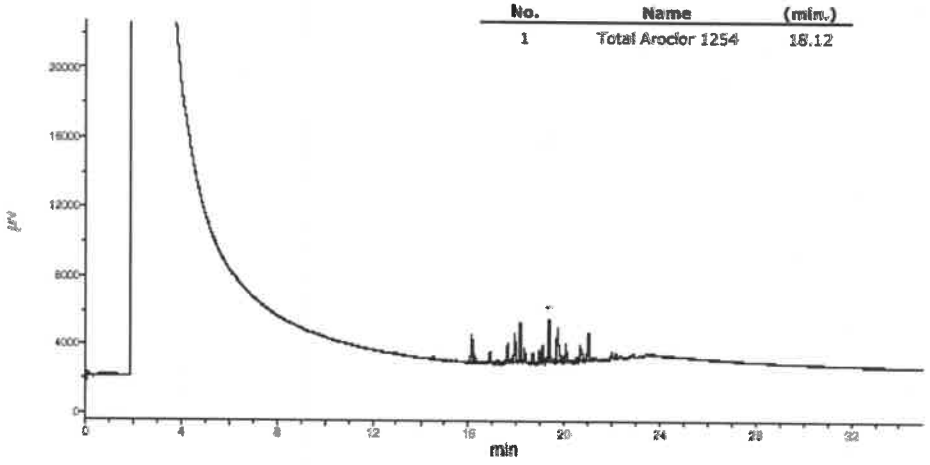
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → 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.)

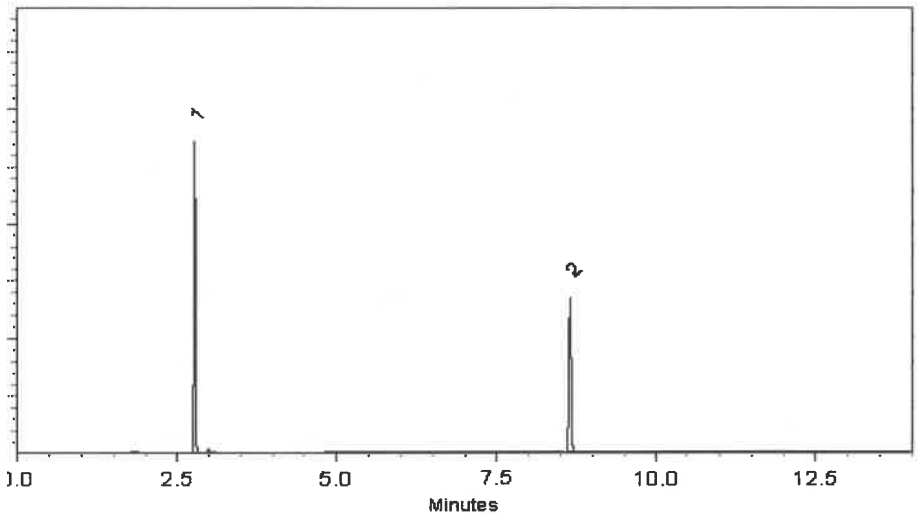
Inj. Temp:
250°C

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

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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-015.2

ISO 17025
Cert No. AT-1937

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Fax: 1-814-353-1309

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Certificate of Analysis

chromatographic plus

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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.)

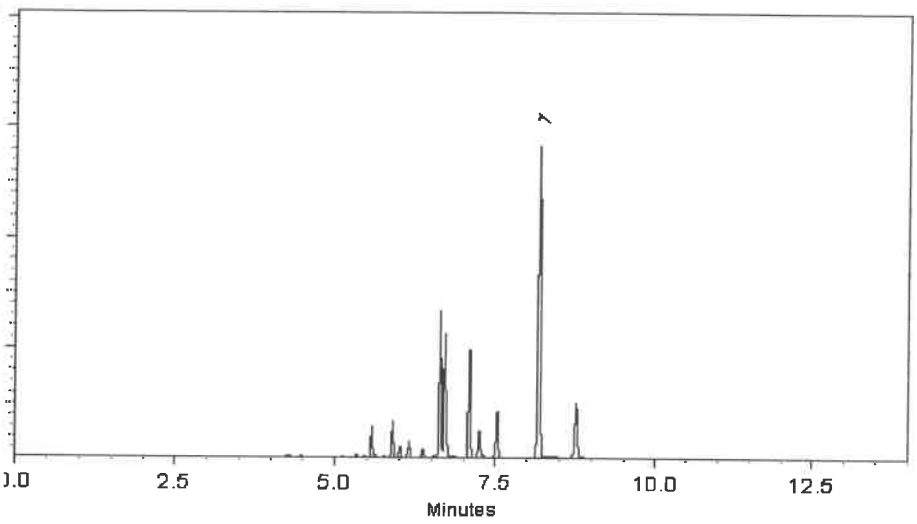
Inj. Temp:
250°C

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)
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P13381
1

05/6/2024

ISO 17034

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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

Agilent

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Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

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Certificate #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.)

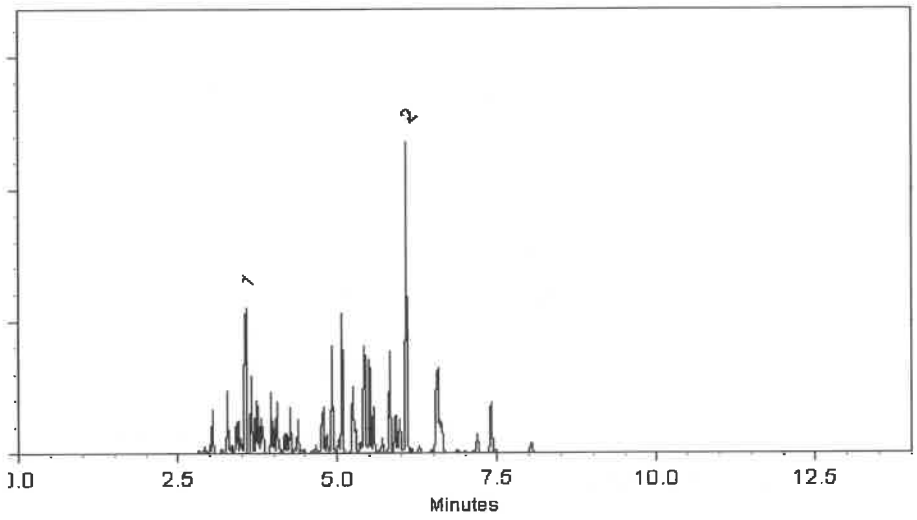
Inj. Temp:
250°C

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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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.)

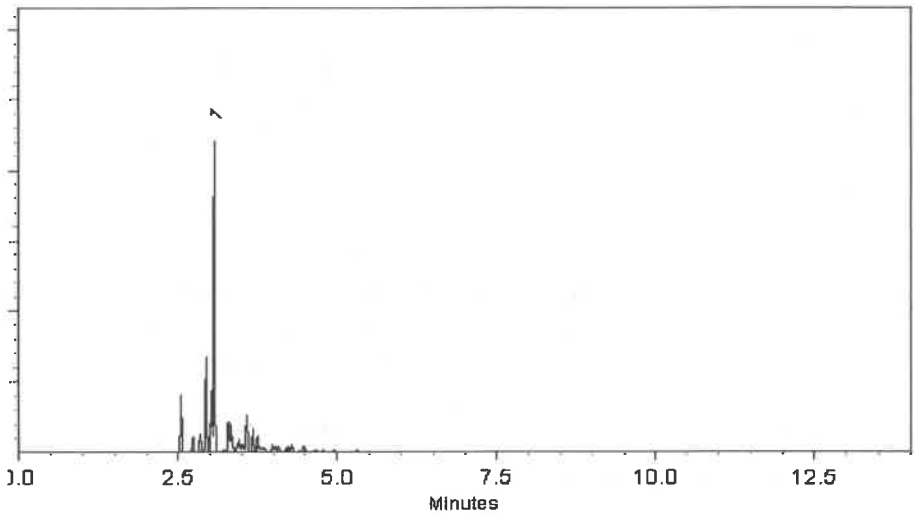
Inj. Temp:
250°C

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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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.)

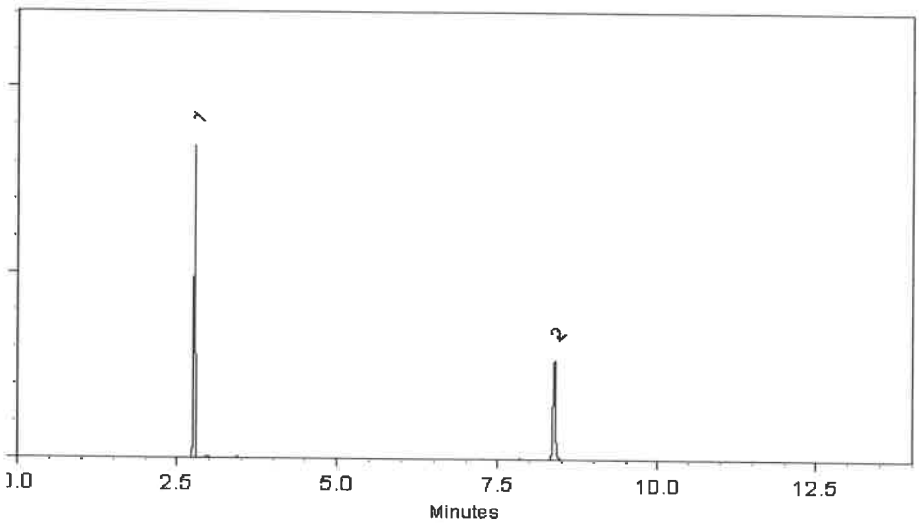
Inj. Temp:
250°C

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

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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. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832

AJ
12/09/24

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

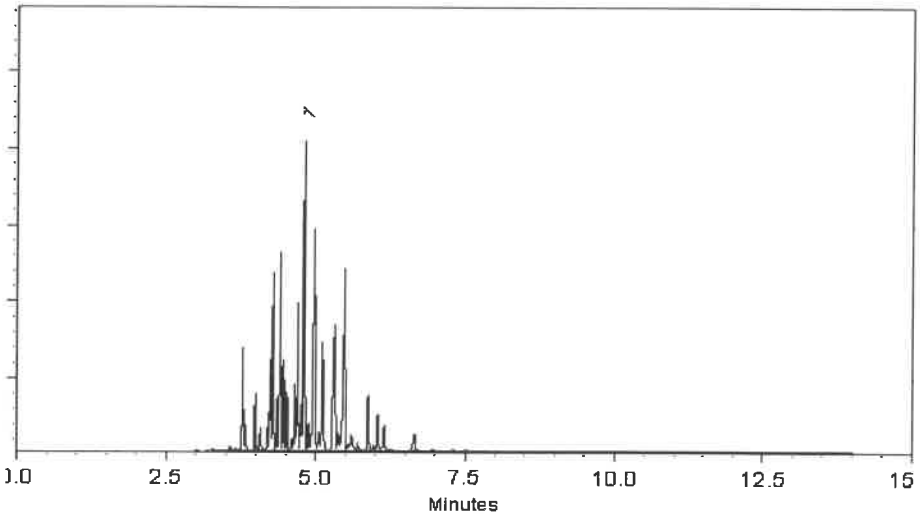
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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.)

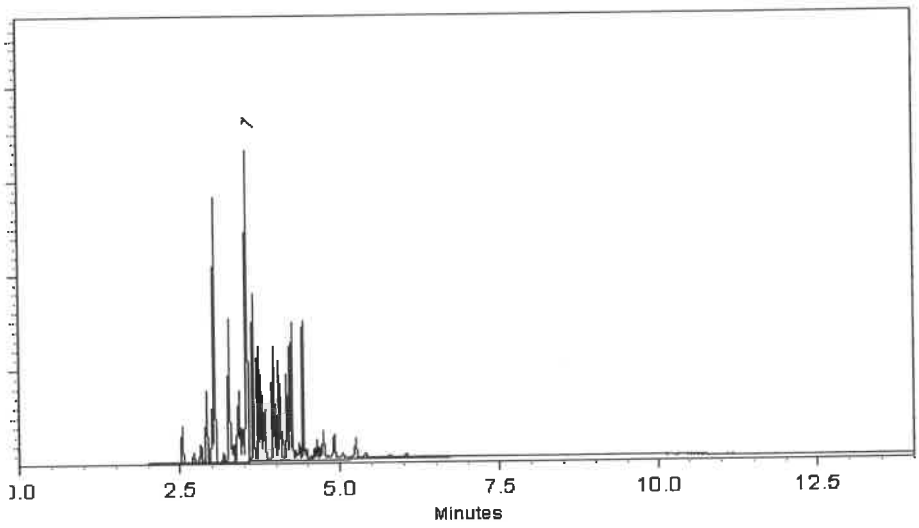
Inj. Temp:
250°C

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

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** 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.)

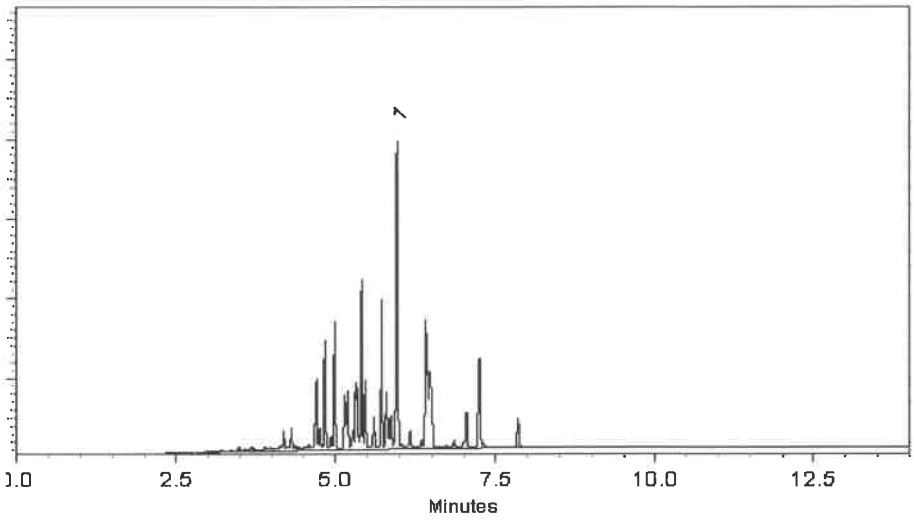
Inj. Temp:
250°C

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%
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W3147

W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

SHIPPING DOCUMENTS

Q 2747

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Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

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CHAIN OF CUSTODY RECORD

Doc # 381 Rev 4_01/08/2020

39 Spruce Street
East Longmeadow, MA 01028

Page __1__ of __1__

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	S. Ryther

Requested Turnaround Time
5-Day ☑ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020	
	OU4-TS-GRILLO-OG2-073125	7/31/25	10:50	C	SO		3	2	1				X	X	X	X	X	X		X	X	
	OU4-TS-GRILLO-OG3-073125	7/31/25	10:55	C	SO		3	2	1				X	X	X	X	X	X		X	X	
	OU4-TS-GRILLO-OG4-073125	7/31/25	11:00	C	SO		3	2	1				X	X	X	X	X	X		X	X	
	OU4-TS-GRILLO-TSCP01-073125	7/31/25	11:05	C	SO		3	2	1				X	X	X	X	X	X		X	X	
	OU4-TS-GRILLO-TSCP02-073125	7/31/25	11:10	C	SO		3	2	1				X	X	X	X	X	X		X	X	

[2] Preservation Code

Container Size Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 07/31/25 13:00
Received by: (signature)	Date/Time:
Relinquished by: (signature) FedEx	Date/Time: 8-1-25 1005
Received by: (signature)	Date/Time: 8-1-25 1005
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments: 2.2°C

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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 : Q2747 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 8/1/2025 10:40:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 8/1/2025 10:05:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2747-01	OU4-TS-GRILLO-OG2-073125	Solid	07/31/2025	10:50					
					VOCMS Group3		8260D		5 Bus. Days
Q2747-03	OU4-TS-GRILLO-OG3-073125	Solid	07/31/2025	10:55					
					VOCMS Group3		8260D		5 Bus. Days
Q2747-05	OU4-TS-GRILLO-OG4-073125	Solid	07/31/2025	11:00					
					VOCMS Group3		8260D		5 Bus. Days
Q2747-07	OU4-TS-GRILLO-TSCP01-073125	Solid	07/31/2025	11:05					
					VOCMS Group3		8260D		5 Bus. Days
Q2747-09	OU4-TS-GRILLO-TSCP02-073125	Solid	07/31/2025	11:10					
					VOCMS Group3		8260D		5 Bus. Days

Relinguished By :
Date / Time : 8/1/25 1100

Received By : Sam
Date / Time : 08/01/25 11:00

Storage Area : **VOA Refridgerator Room**

Rg # 6
FZ 2

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 16:10
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 05 01:43:59 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...	3.667	3.660	442.0E6	262.6E6	54.354	52.836	
2)	SA Decachlor...	8.688	8.634	366.4E6	92711508	50.106	52.465	
	Target Compounds							
3)	L1 AR-1016-1	4.753	4.734	145.5E6	90669580	542.310	518.091	
4)	L1 AR-1016-2	4.771	4.752	221.1E6	132.2E6	544.314	507.609	
5)	L1 AR-1016-3	4.828	4.926	139.1E6	68784597	531.702	505.894	
6)	L1 AR-1016-4	4.948	4.969	113.9E6	55960633	537.726	503.765	
7)	L1 AR-1016-5	5.205	5.181	133.4E6	75174459	607.992	524.584	
8)	L2 AR-1221-1	3.878	3.867	11651175	8704587	120.538	129.406	
9)	L2 AR-1221-2	3.966	3.954	17658069	12897288	245.722	254.244	
10)	L2 AR-1221-3	4.040	4.028	69902697	47932870	294.066	302.360	
11)	L3 AR-1232-1	4.040	4.028	69902697	47932870	373.854	378.766	
12)	L3 AR-1232-2	4.532	4.752	117.6E6	132.2E6	1092.367	1008.195	
13)	L3 AR-1232-3	4.771	4.926	221.1E6	68784597	1068.936	1023.629	
14)	L3 AR-1232-4	4.948	5.011	113.9E6	67819245	1087.572	1133.550	
15)	L3 AR-1232-5	4.990	5.181	86399413	75174459	1272.809	1152.929	
16)	L4 AR-1242-1	4.753	4.734	145.5E6	90669580	587.811	572.431	
17)	L4 AR-1242-2	4.771	4.752	221.1E6	132.2E6	597.780	565.891	
18)	L4 AR-1242-3	4.828	4.926	139.1E6	68784597	587.906	567.581	
19)	L4 AR-1242-4	4.948	5.011	113.9E6	67819245	586.336	552.547	
20)	L4 AR-1242-5	5.598	5.530	42899084	79096454	200.542	491.370	#
21)	L5 AR-1248-1	4.753	4.734	145.5E6	90669580	777.407	746.194	
22)	L5 AR-1248-2	4.990	4.969	86399413	55960633	338.672	330.581	
23)	L5 AR-1248-3	5.205	5.011	133.4E6	67819245	388.234	381.764	
24)	L5 AR-1248-4	5.557	5.181	141.4E6	75174459	278.319	360.801	#
25)	L5 AR-1248-5	5.598	5.571	42899084	23252315	122.712	108.269	
26)	L6 AR-1254-1	5.557	5.530	141.4E6	79096454	257.593	240.692	
27)	L6 AR-1254-2	5.707	5.678	109.0E6	60782574	224.418	209.964	
28)	L6 AR-1254-3	6.126	6.094	188.2E6	106.3E6	252.803	248.730	
29)	L6 AR-1254-4	6.340	6.306	26171538	14774080	47.610	54.125	
30)	L6 AR-1254-5	6.757	6.721	335.6E6	156.7E6	474.137	469.130	
31)	L7 AR-1260-1	6.241	6.209	233.6E6	131.8E6	531.613	530.552	
32)	L7 AR-1260-2	6.431	6.397	368.6E6	174.5E6	535.833	529.662	
33)	L7 AR-1260-3	6.797	6.548	327.4E6	134.1E6	556.815	521.756	
34)	L7 AR-1260-4	7.056	7.018	236.7E6	102.9E6	524.848	537.983	
35)	L7 AR-1260-5	7.300	7.260	651.3E6	229.1E6	525.613	555.823	
36)	L8 AR-1262-1	6.797	6.760	327.4E6	148.9E6	352.363	358.963	
37)	L8 AR-1262-2	7.300	7.260	651.3E6	229.1E6	437.996	444.397	
38)	L8 AR-1262-3	7.581	7.541	138.8E6	46918606	235.227	251.540	
39)	L8 AR-1262-4	7.644	7.605	416.1E6	123.5E6	418.557	428.644	
40)	L8 AR-1262-5	8.142	8.097	146.3E6	32850856	336.952	330.148	
41)	L9 AR-1268-1	7.581	7.541	138.8E6	46918606	79.287	90.601	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 16:10
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 05 01:43:59 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	7.605	416.1E6	123.5E6	282.491	290.530
43) L9	AR-1268-3	7.852	7.810	6272283	1820115	5.009	5.665
44) L9	AR-1268-4	8.142	8.097	146.3E6	32850856	303.525	295.168
45) L9	AR-1268-5	8.434	8.385	34562198	8427816	10.295	11.518

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

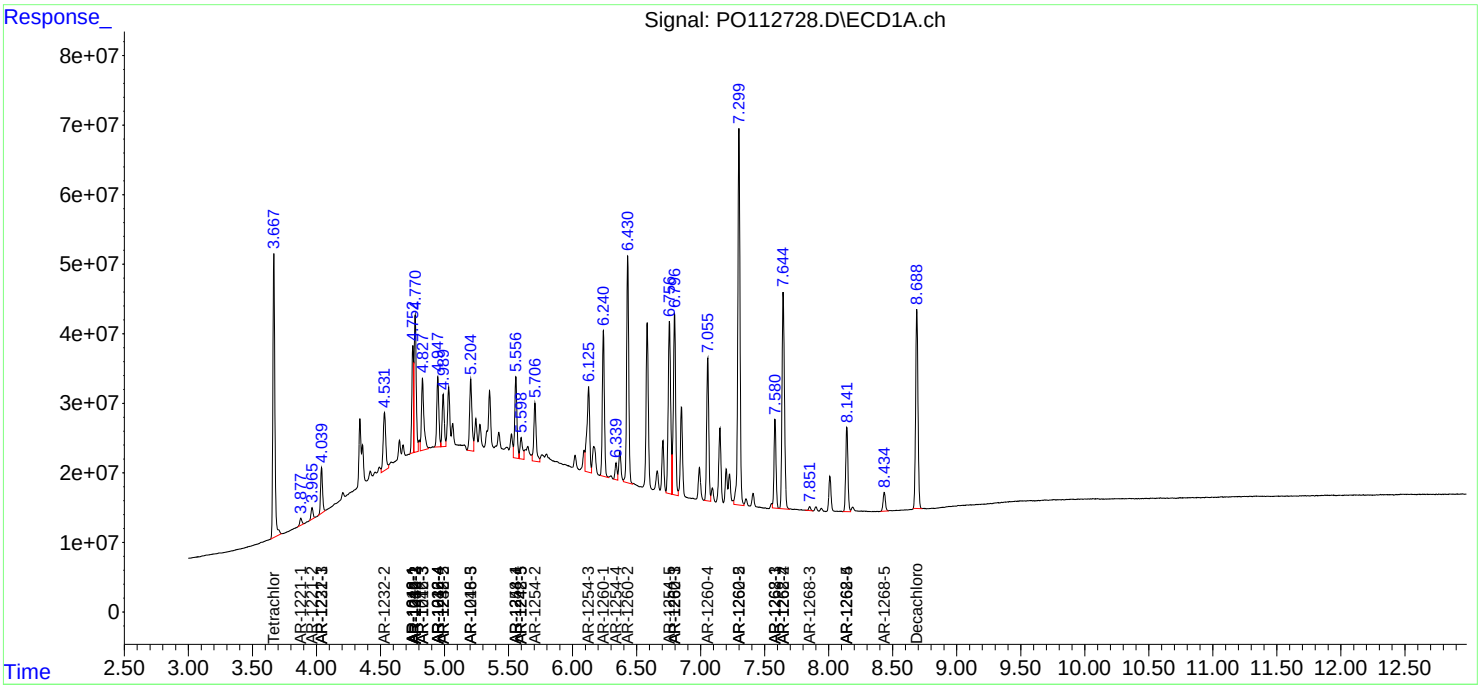
Quantitation Report (Not Reviewed)

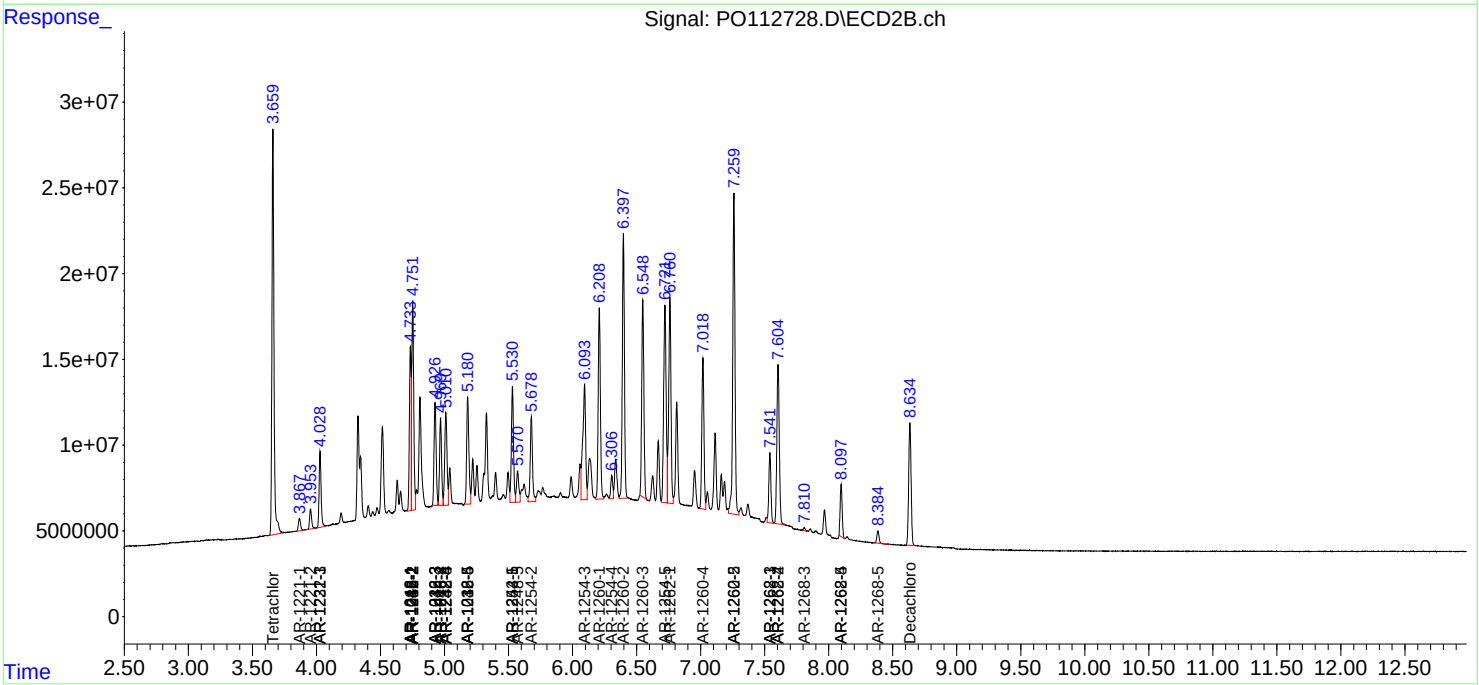
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080425\
Data File : PO112728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

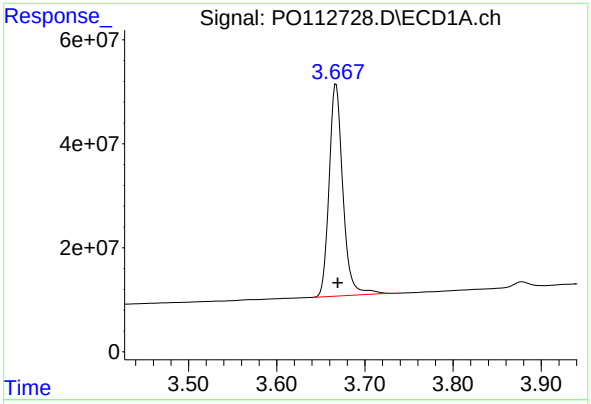
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:43:59 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



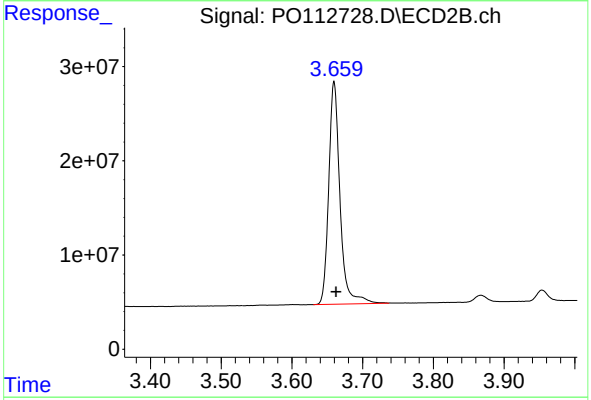




#1 Tetrachloro-m-xylene

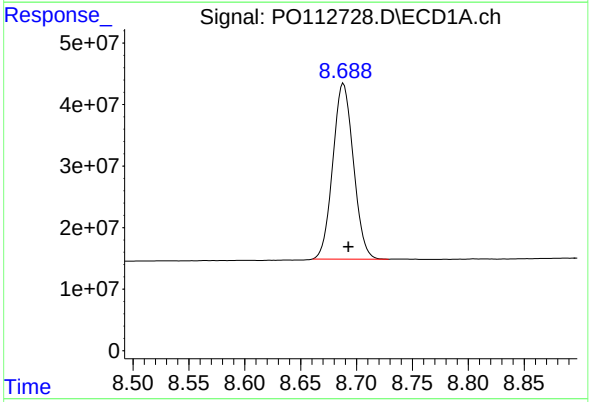
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 441986989
Conc: 54.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



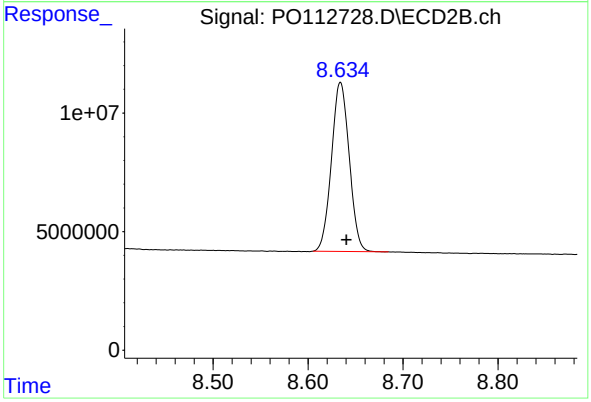
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 262552694
Conc: 52.84 ng/ml



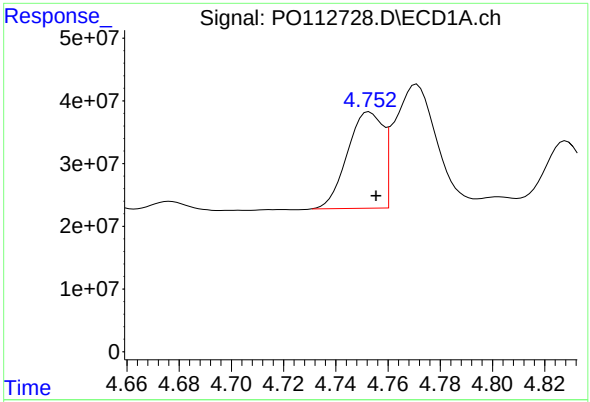
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.004 min
Response: 366368280
Conc: 50.11 ng/ml



#2 Decachlorobiphenyl

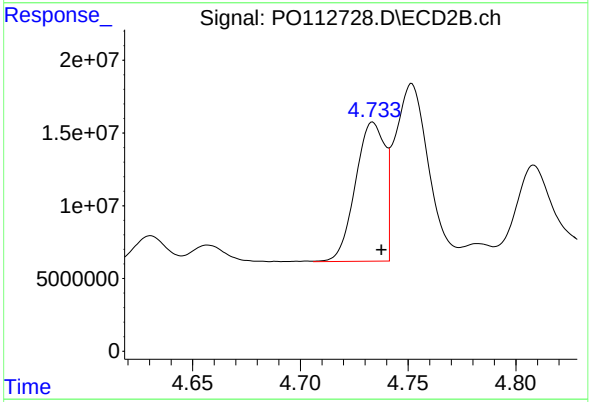
R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 92711508
Conc: 52.46 ng/ml



#3 AR-1016-1

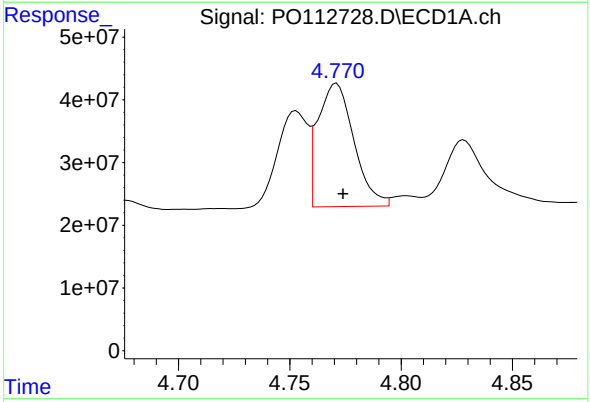
R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 145537431
Conc: 542.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



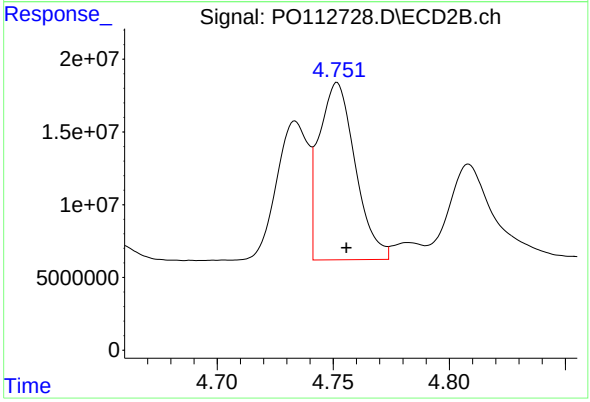
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 90669580
Conc: 518.09 ng/ml



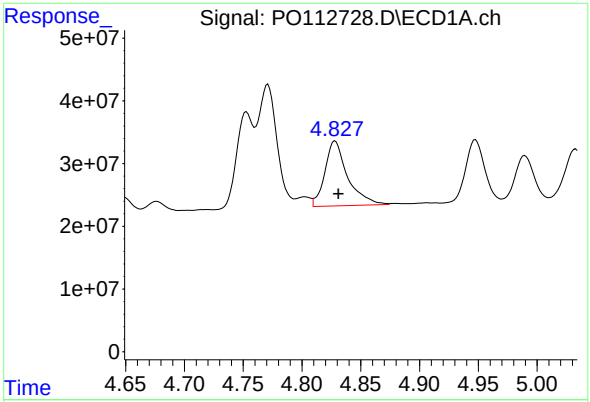
#4 AR-1016-2

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 221055269
Conc: 544.31 ng/ml



#4 AR-1016-2

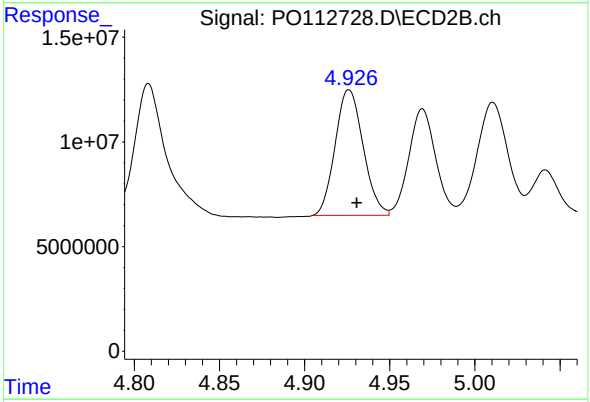
R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 132229620
Conc: 507.61 ng/ml



#5 AR-1016-3

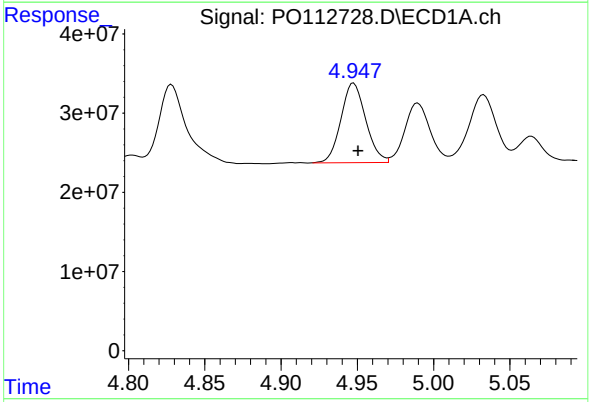
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 139132623
Conc: 531.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



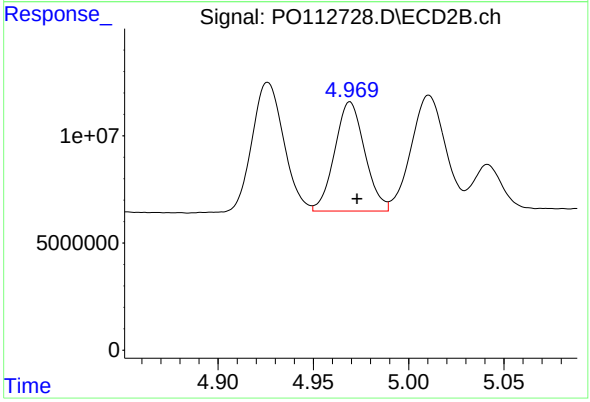
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 68784597
Conc: 505.89 ng/ml



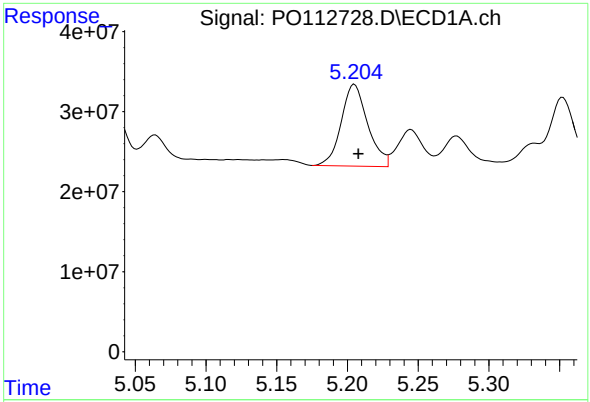
#6 AR-1016-4

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 113912612
Conc: 537.73 ng/ml



#6 AR-1016-4

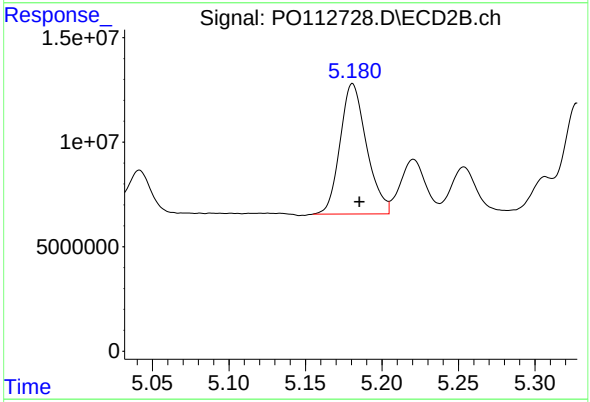
R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 55960633
Conc: 503.77 ng/ml



#7 AR-1016-5

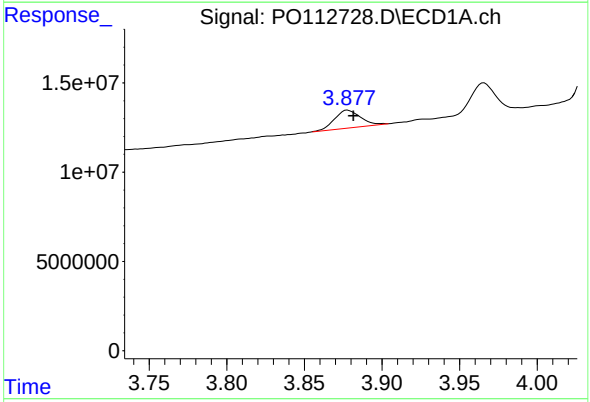
R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 133436381
Conc: 607.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



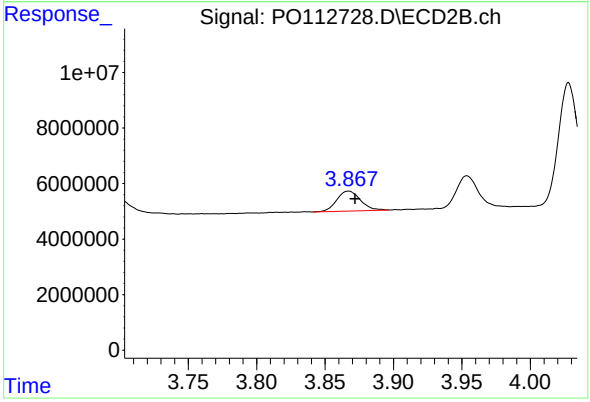
#7 AR-1016-5

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 75174459
Conc: 524.58 ng/ml



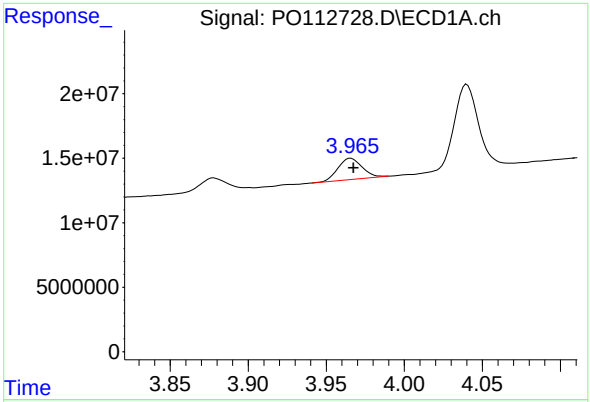
#8 AR-1221-1

R.T.: 3.878 min
Delta R.T.: -0.004 min
Response: 11651175
Conc: 120.54 ng/ml



#8 AR-1221-1

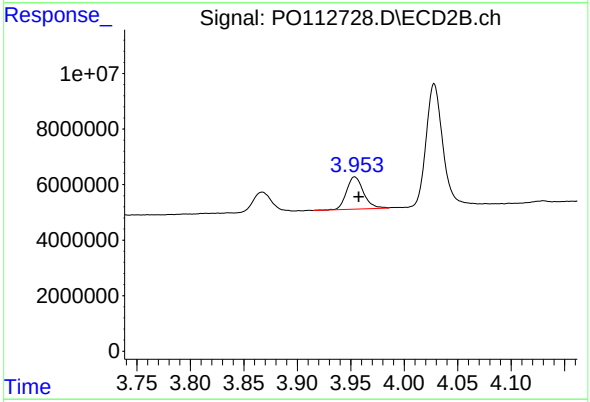
R.T.: 3.867 min
Delta R.T.: -0.004 min
Response: 8704587
Conc: 129.41 ng/ml



#9 AR-1221-2

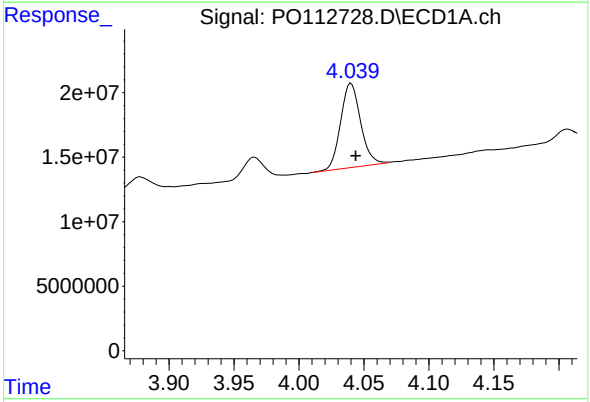
R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 17658069
Conc: 245.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



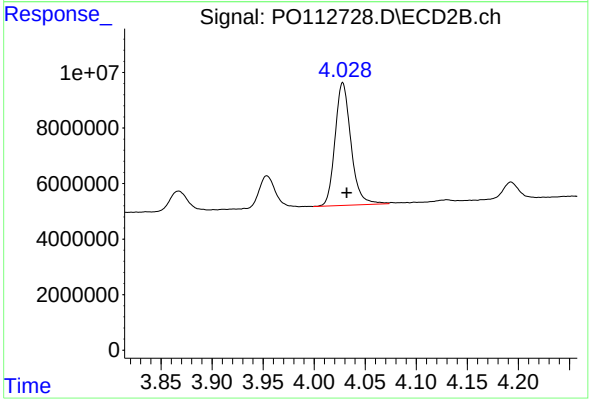
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 12897288
Conc: 254.24 ng/ml



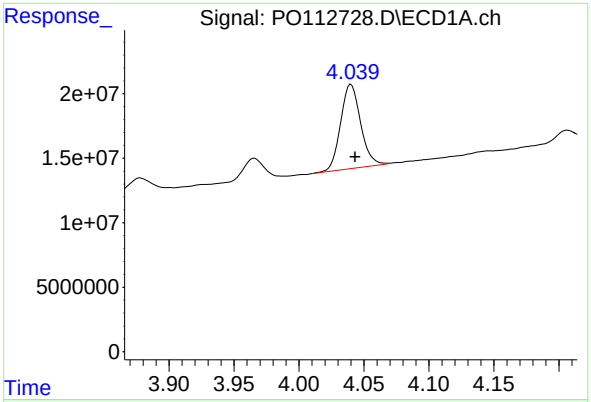
#10 AR-1221-3

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 69902697
Conc: 294.07 ng/ml



#10 AR-1221-3

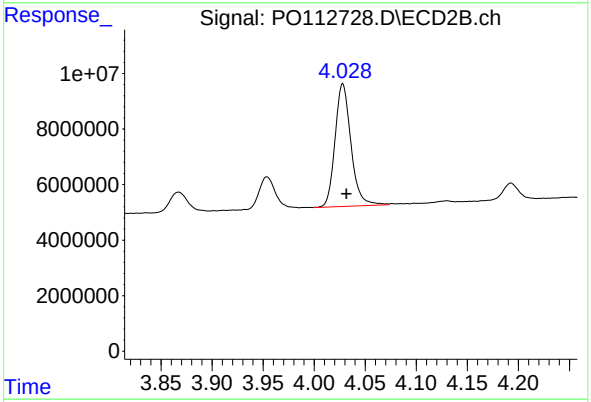
R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 47932870
Conc: 302.36 ng/ml



#11 AR-1232-1

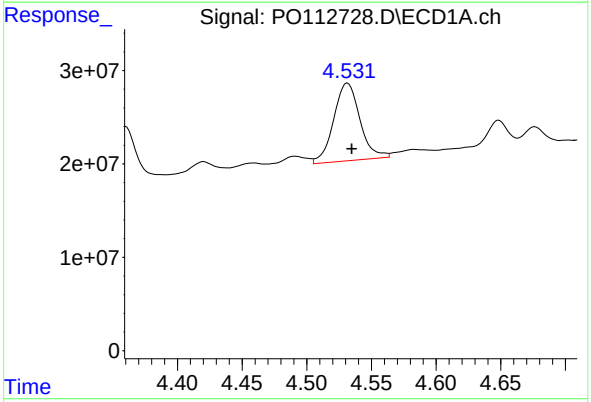
R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 69902697
Conc: 373.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



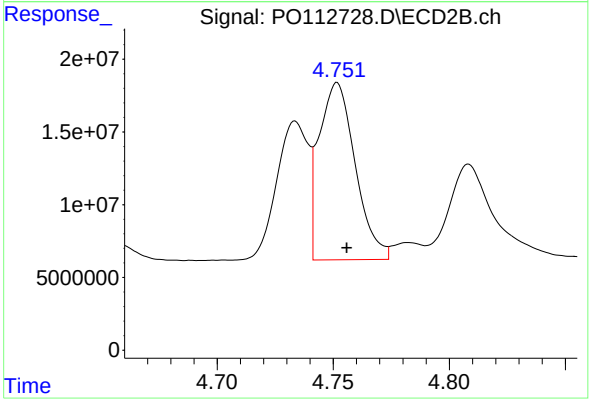
#11 AR-1232-1

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 47932870
Conc: 378.77 ng/ml



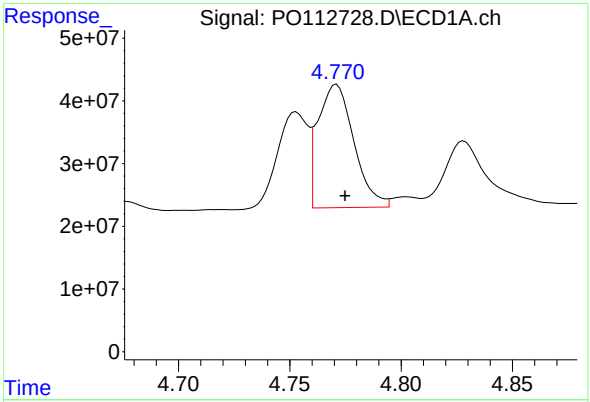
#12 AR-1232-2

R.T.: 4.532 min
Delta R.T.: -0.003 min
Response: 117565649
Conc: 1092.37 ng/ml



#12 AR-1232-2

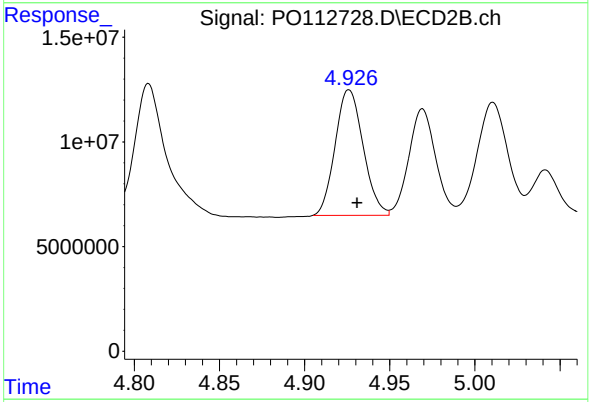
R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 132229620
Conc: 1008.20 ng/ml



#13 AR-1232-3

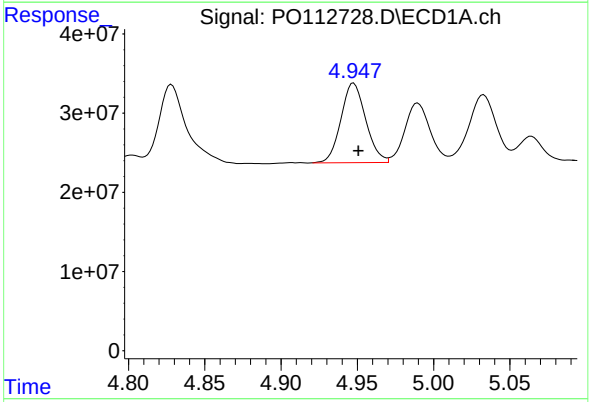
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 221055269
Conc: 1068.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



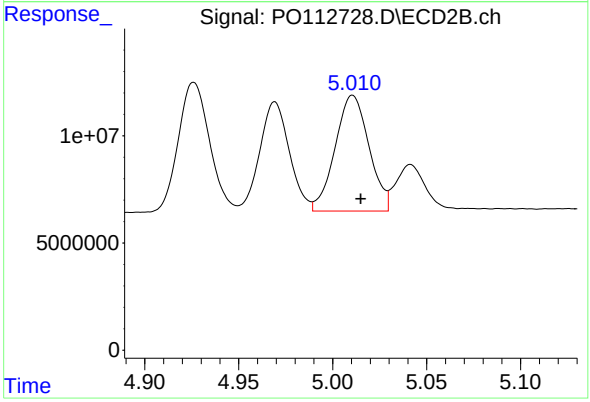
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 68784597
Conc: 1023.63 ng/ml



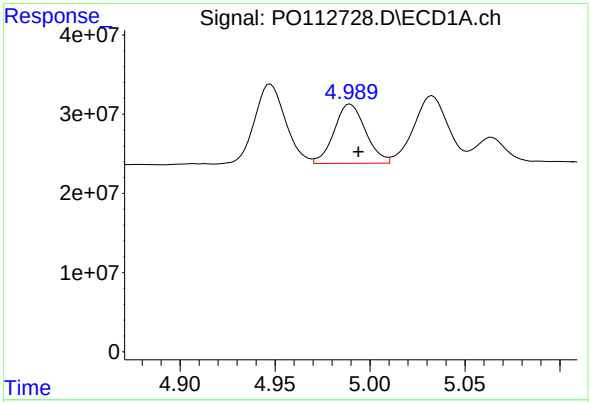
#14 AR-1232-4

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 113912612
Conc: 1087.57 ng/ml



#14 AR-1232-4

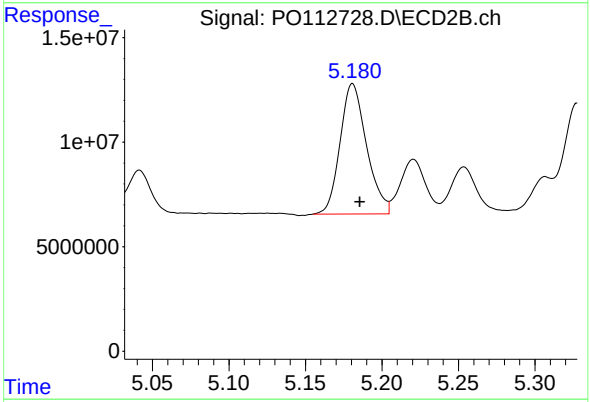
R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 67819245
Conc: 1133.55 ng/ml



#15 AR-1232-5

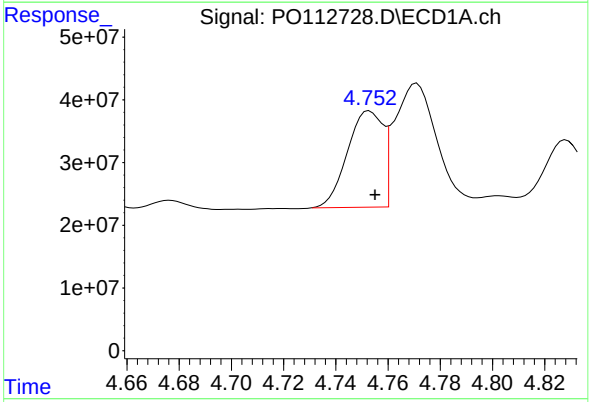
R.T.: 4.990 min
Delta R.T.: -0.004 min
Response: 86399413
Conc: 1272.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



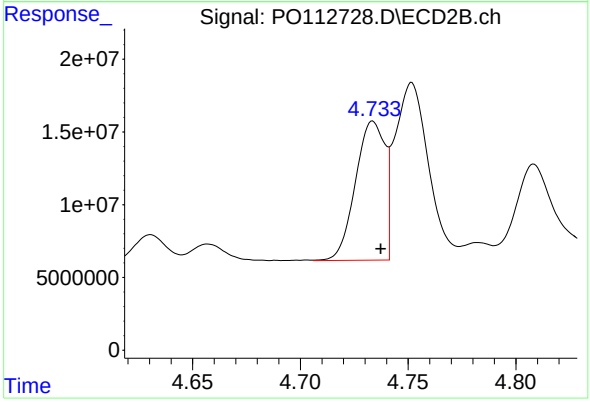
#15 AR-1232-5

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 75174459
Conc: 1152.93 ng/ml



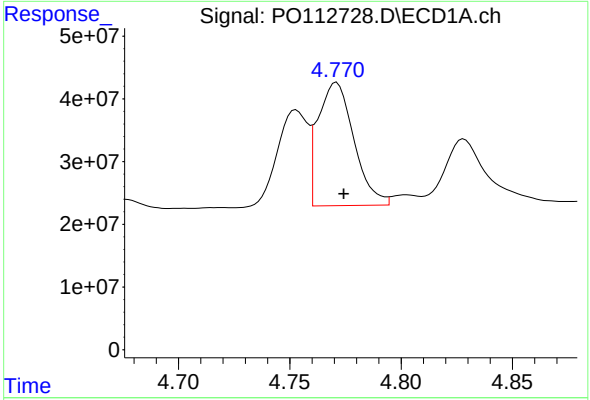
#16 AR-1242-1

R.T.: 4.753 min
Delta R.T.: -0.002 min
Response: 145537431
Conc: 587.81 ng/ml



#16 AR-1242-1

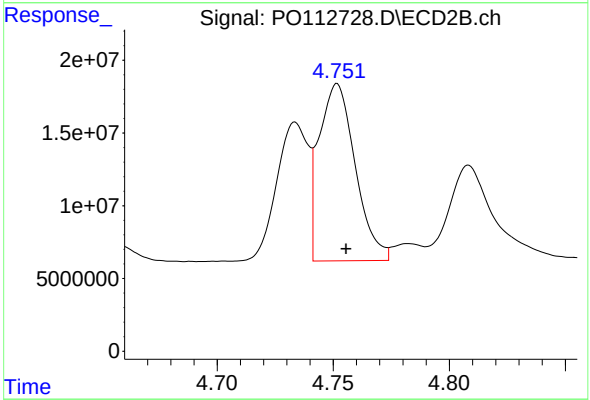
R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 90669580
Conc: 572.43 ng/ml



#17 AR-1242-2

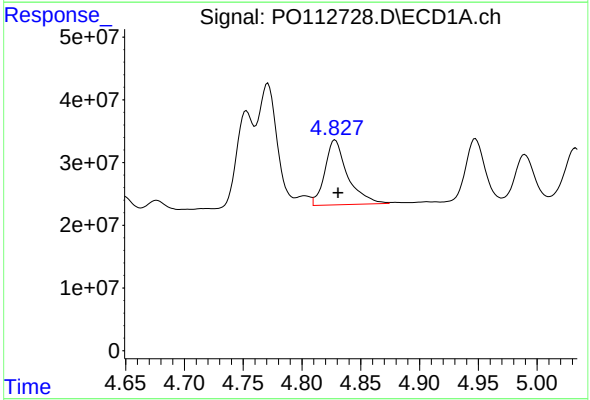
R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 221055269
Conc: 597.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



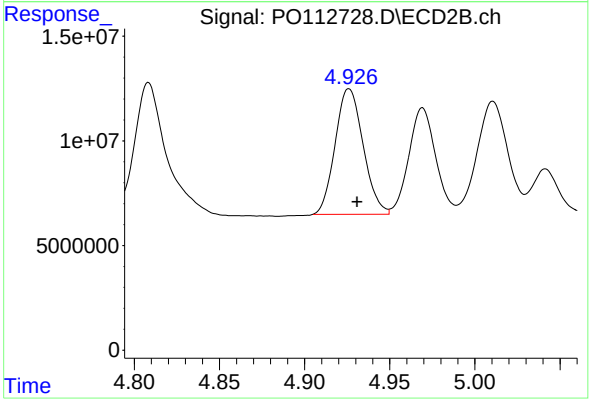
#17 AR-1242-2

R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 132229620
Conc: 565.89 ng/ml



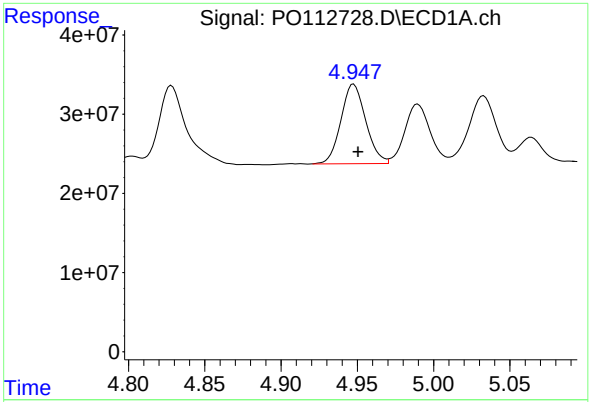
#18 AR-1242-3

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 139132623
Conc: 587.91 ng/ml



#18 AR-1242-3

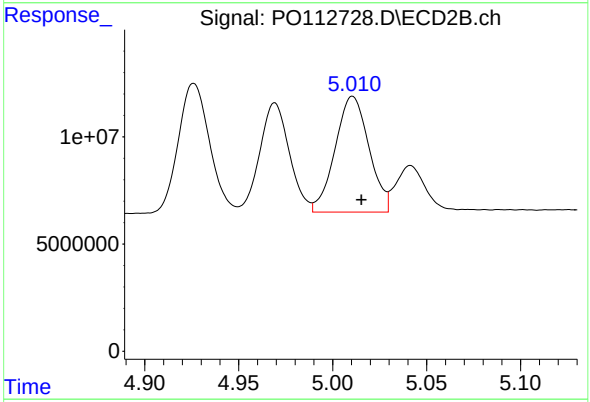
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 68784597
Conc: 567.58 ng/ml



#19 AR-1242-4

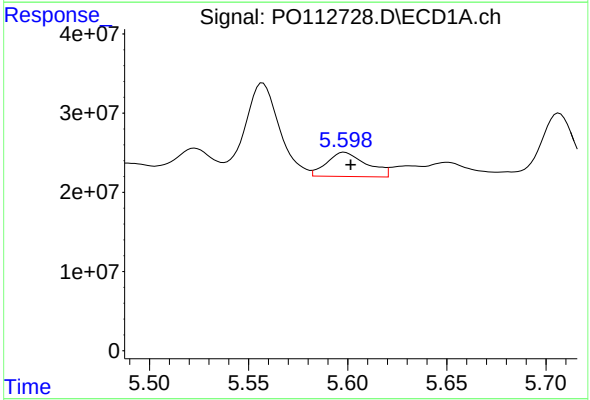
R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 113912612
Conc: 586.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



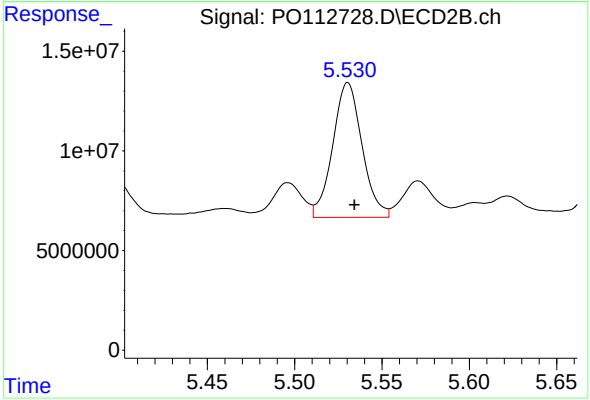
#19 AR-1242-4

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 67819245
Conc: 552.55 ng/ml



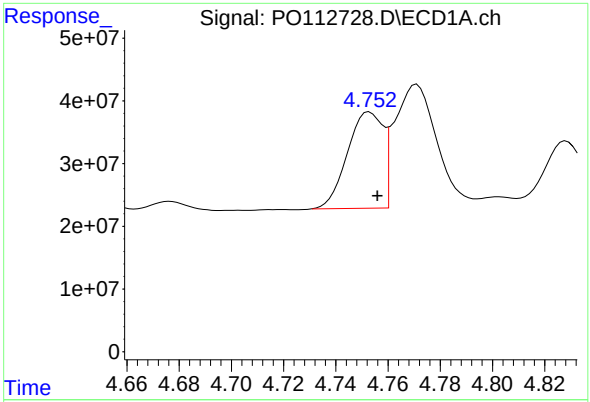
#20 AR-1242-5

R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 42899084
Conc: 200.54 ng/ml



#20 AR-1242-5

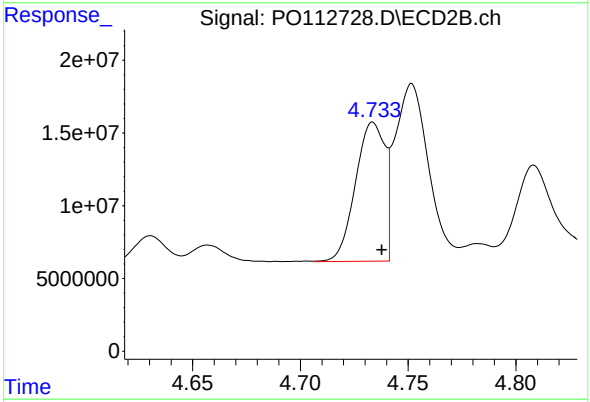
R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 79096454
Conc: 491.37 ng/ml



#21 AR-1248-1

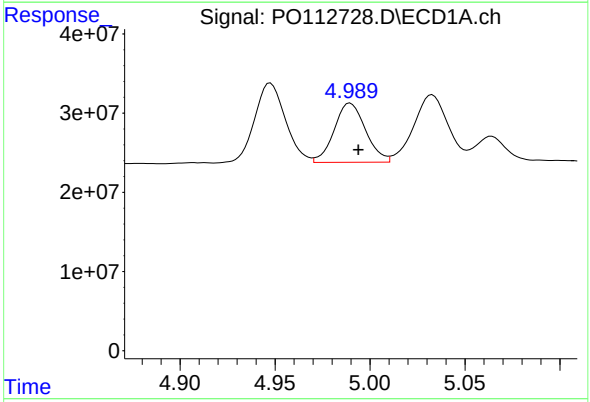
R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 145537431
Conc: 777.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



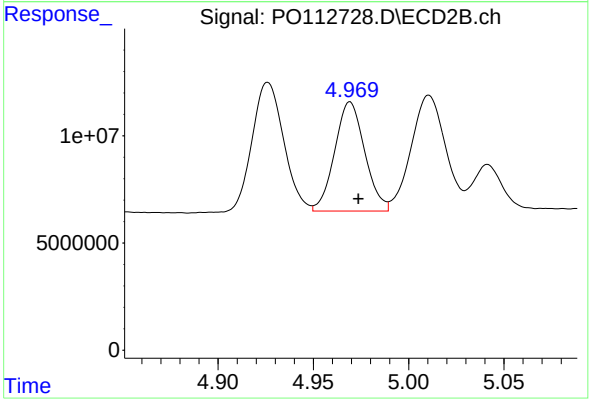
#21 AR-1248-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 90669580
Conc: 746.19 ng/ml



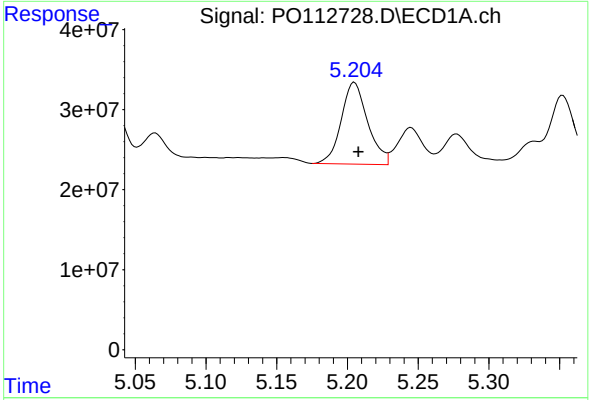
#22 AR-1248-2

R.T.: 4.990 min
Delta R.T.: -0.004 min
Response: 86399413
Conc: 338.67 ng/ml



#22 AR-1248-2

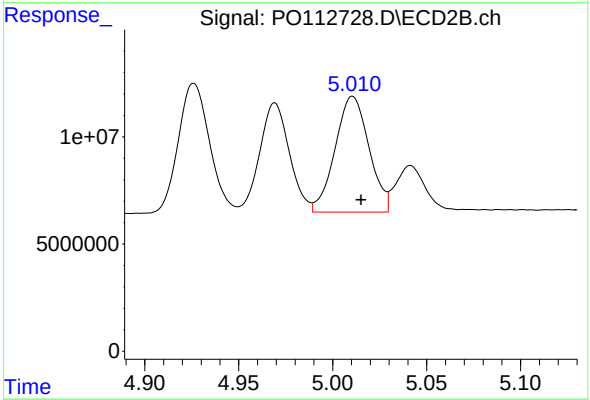
R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 55960633
Conc: 330.58 ng/ml



#23 AR-1248-3

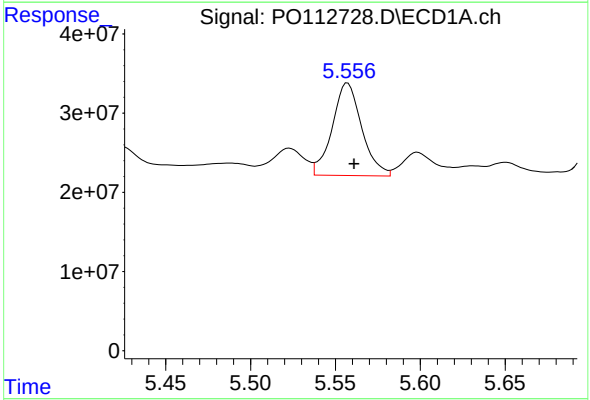
R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 133436381
Conc: 388.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



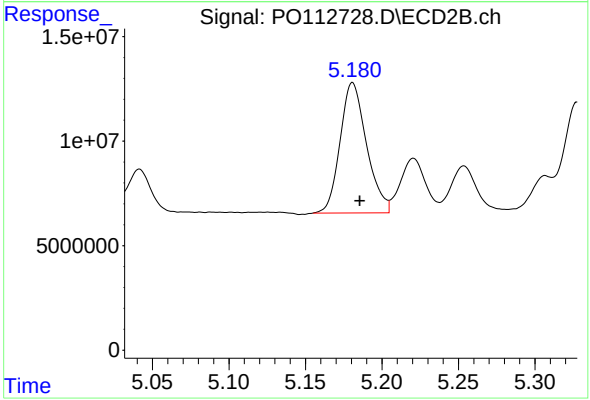
#23 AR-1248-3

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 67819245
Conc: 381.76 ng/ml



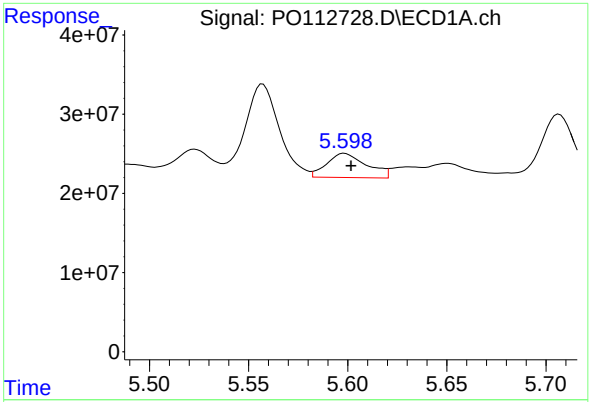
#24 AR-1248-4

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 141407957
Conc: 278.32 ng/ml



#24 AR-1248-4

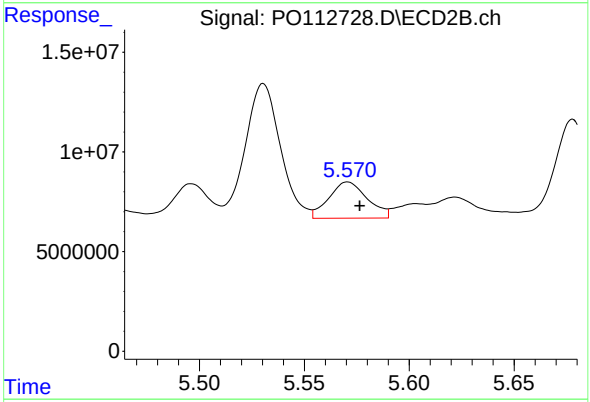
R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 75174459
Conc: 360.80 ng/ml



#25 AR-1248-5

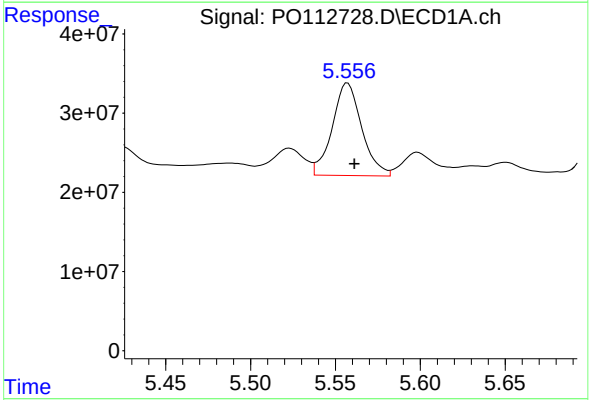
R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 42899084
Conc: 122.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



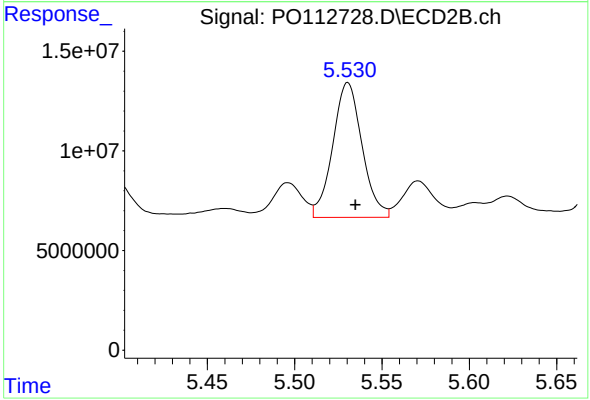
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 23252315
Conc: 108.27 ng/ml



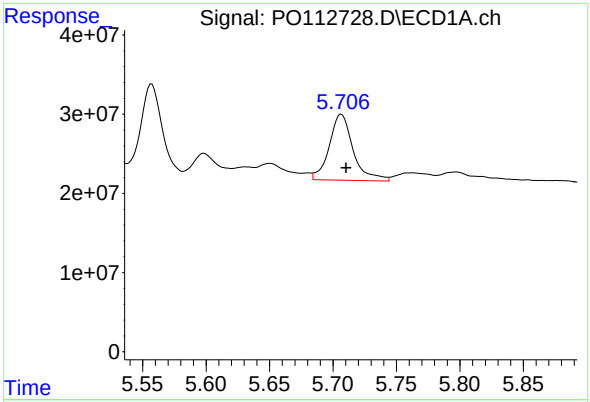
#26 AR-1254-1

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 141407957
Conc: 257.59 ng/ml



#26 AR-1254-1

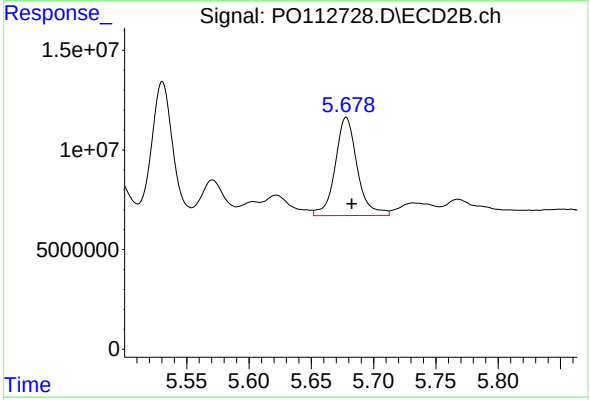
R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 79096454
Conc: 240.69 ng/ml



#27 AR-1254-2

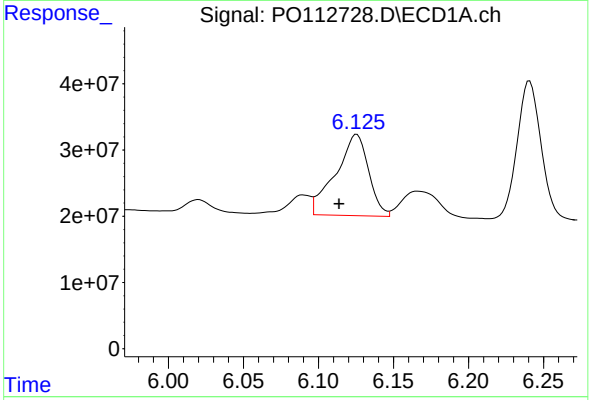
R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 109048738
Conc: 224.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



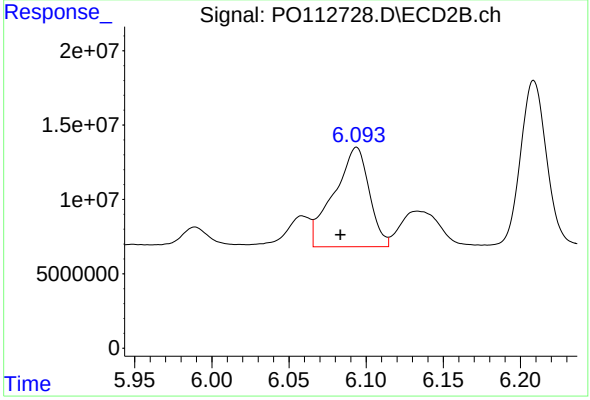
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 60782574
Conc: 209.96 ng/ml



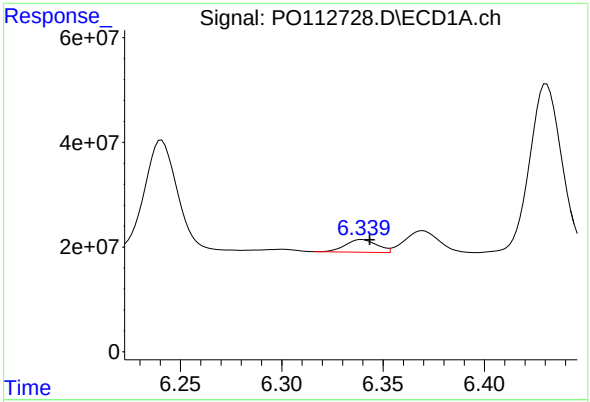
#28 AR-1254-3

R.T.: 6.126 min
Delta R.T.: 0.012 min
Response: 188158142
Conc: 252.80 ng/ml



#28 AR-1254-3

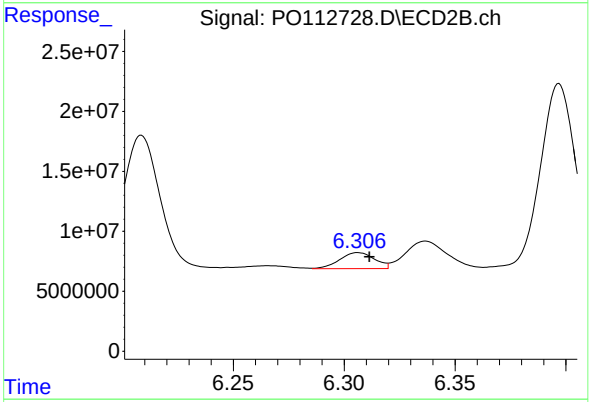
R.T.: 6.094 min
Delta R.T.: 0.010 min
Response: 106322476
Conc: 248.73 ng/ml



#29 AR-1254-4

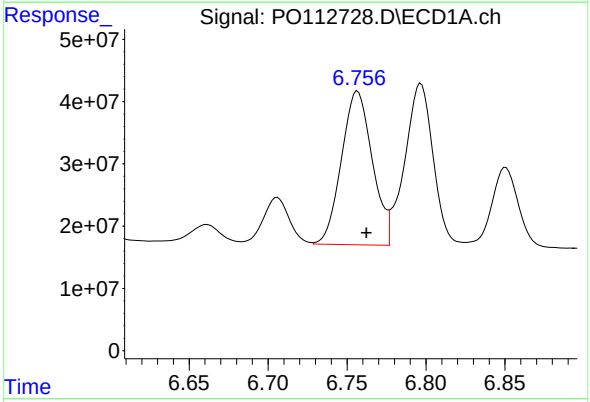
R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 26171538
Conc: 47.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



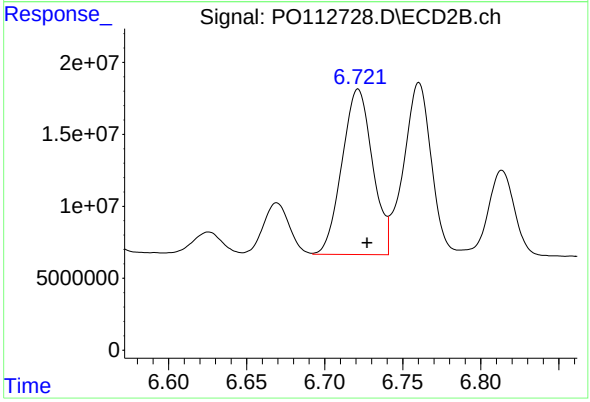
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.005 min
Response: 14774080
Conc: 54.12 ng/ml



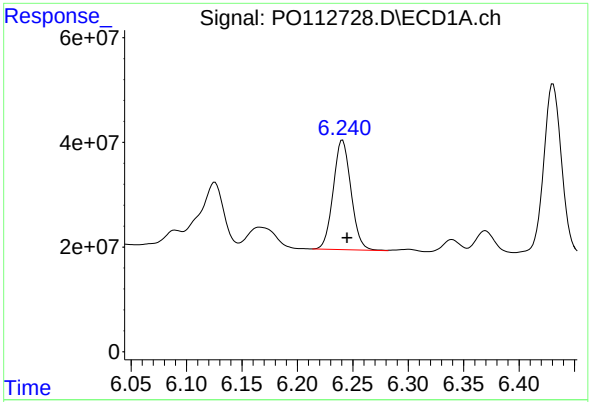
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.006 min
Response: 335605872
Conc: 474.14 ng/ml



#30 AR-1254-5

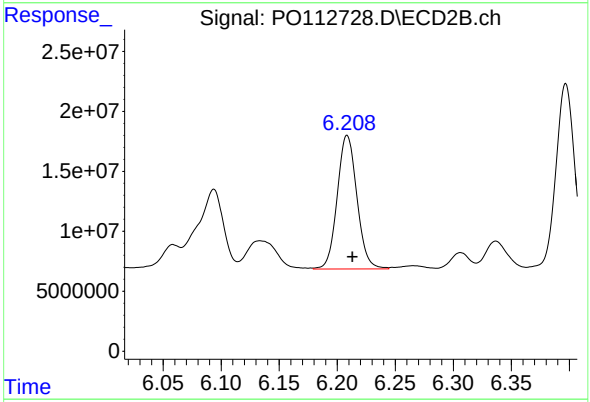
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 156698708
Conc: 469.13 ng/ml



#31 AR-1260-1

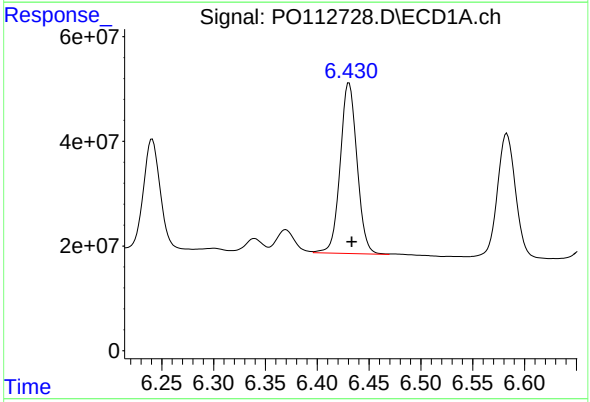
R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 233554089
Conc: 531.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



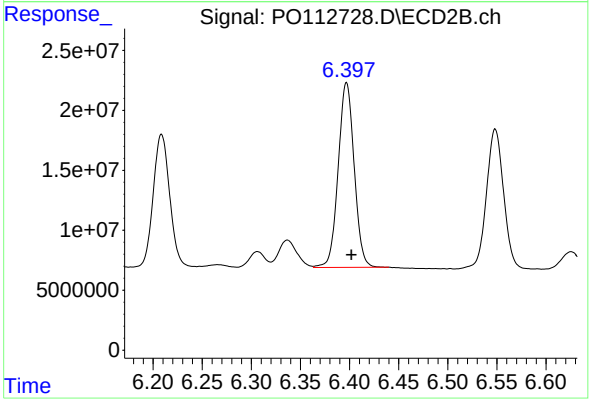
#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 131848091
Conc: 530.55 ng/ml



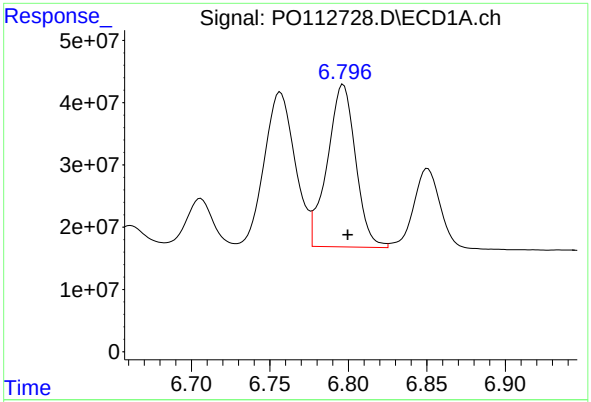
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 368595937
Conc: 535.83 ng/ml



#32 AR-1260-2

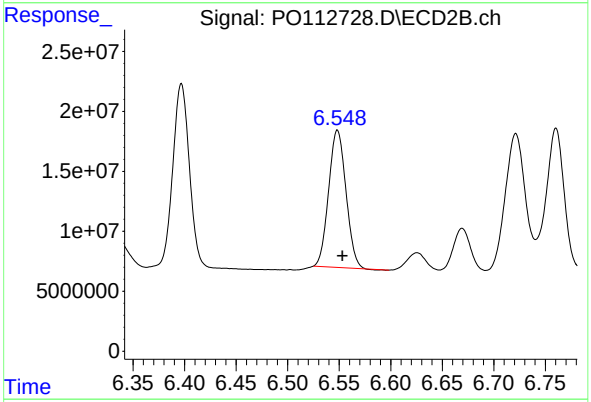
R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 174520161
Conc: 529.66 ng/ml



#33 AR-1260-3

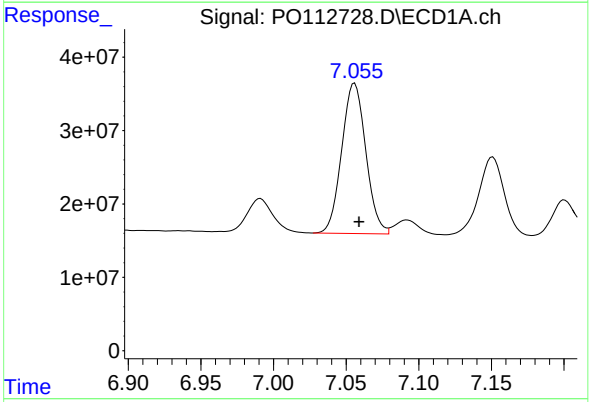
R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 327418252
Conc: 556.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



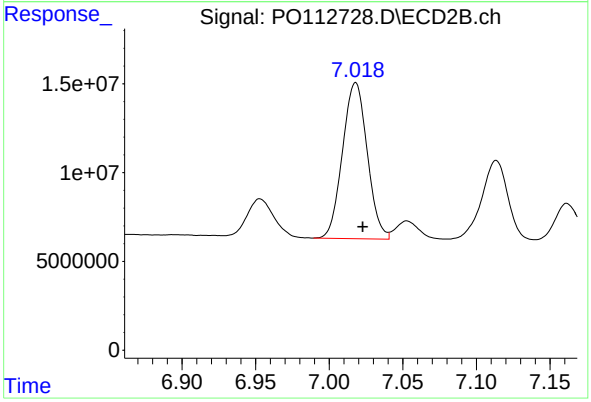
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 134050188
Conc: 521.76 ng/ml



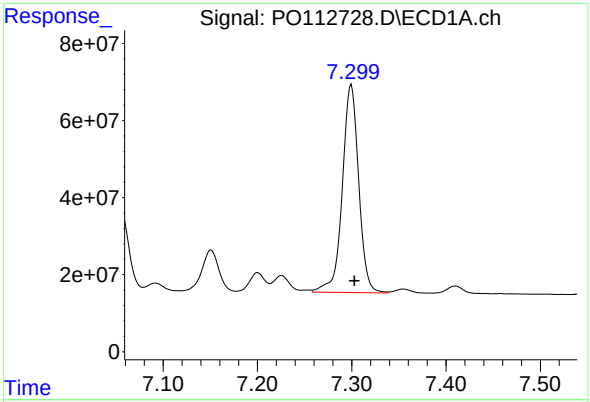
#34 AR-1260-4

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 236708849
Conc: 524.85 ng/ml



#34 AR-1260-4

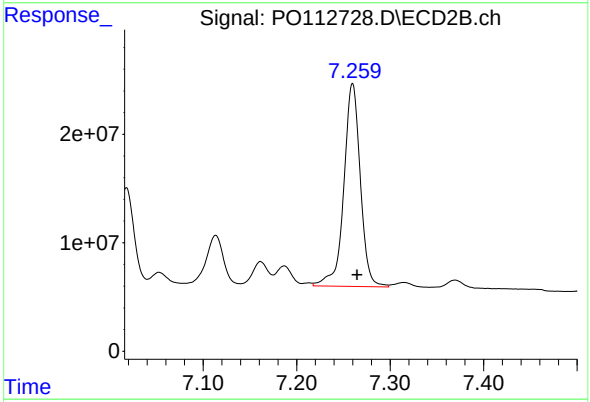
R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 102921872
Conc: 537.98 ng/ml



#35 AR-1260-5

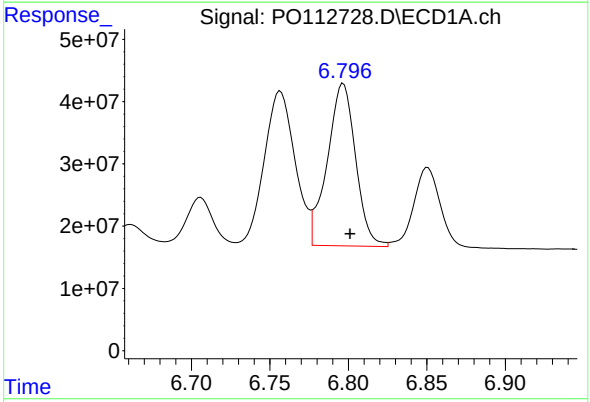
R.T.: 7.300 min
Delta R.T.: -0.003 min
Response: 651307820
Conc: 525.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



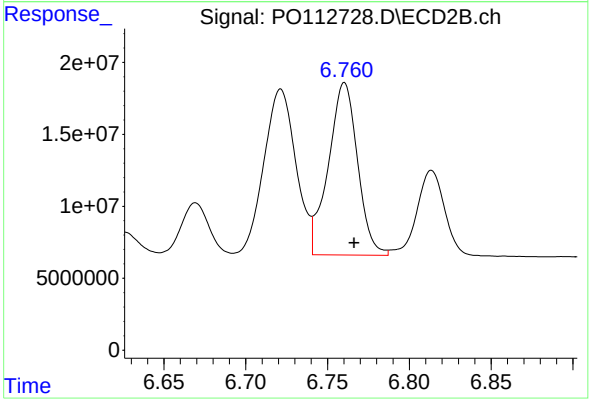
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 229106826
Conc: 555.82 ng/ml



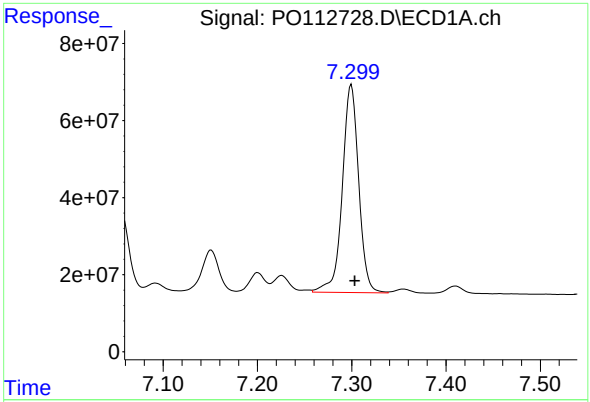
#36 AR-1262-1

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 327418252
Conc: 352.36 ng/ml



#36 AR-1262-1

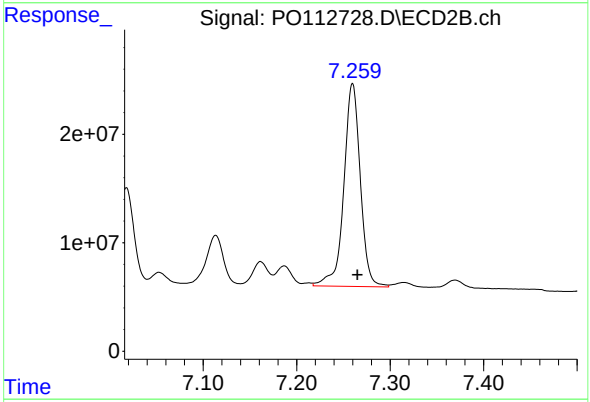
R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 148907721
Conc: 358.96 ng/ml



#37 AR-1262-2

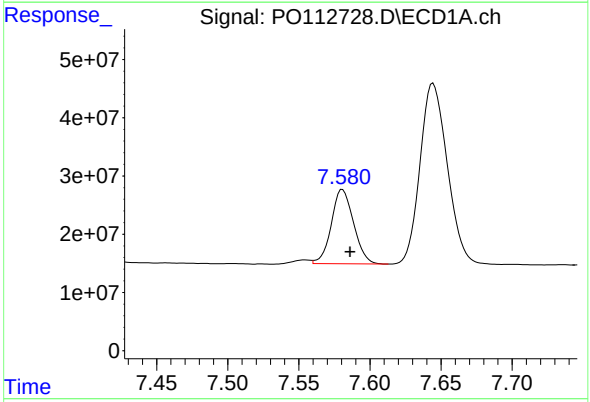
R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 651307820
Conc: 438.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



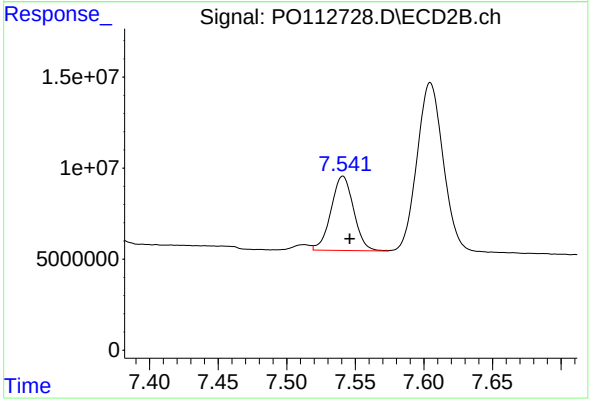
#37 AR-1262-2

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 229106826
Conc: 444.40 ng/ml



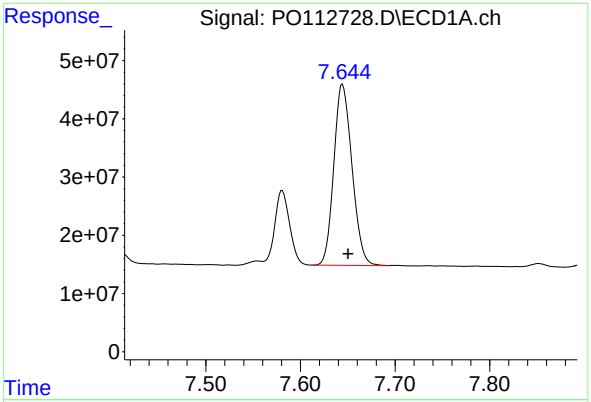
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 138843608
Conc: 235.23 ng/ml



#38 AR-1262-3

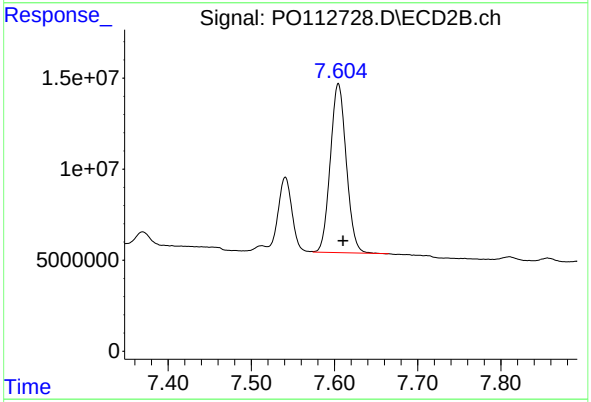
R.T.: 7.541 min
Delta R.T.: -0.005 min
Response: 46918606
Conc: 251.54 ng/ml



#39 AR-1262-4

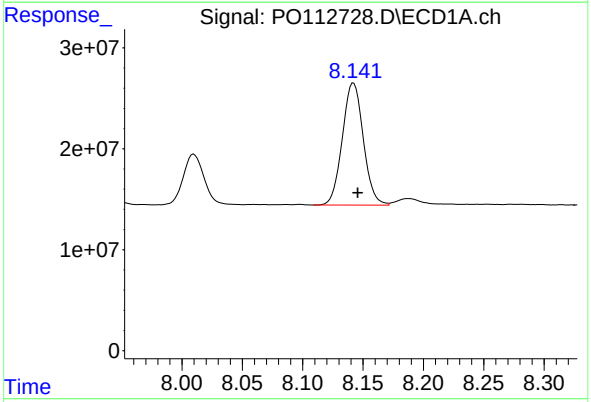
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 416115551
Conc: 418.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



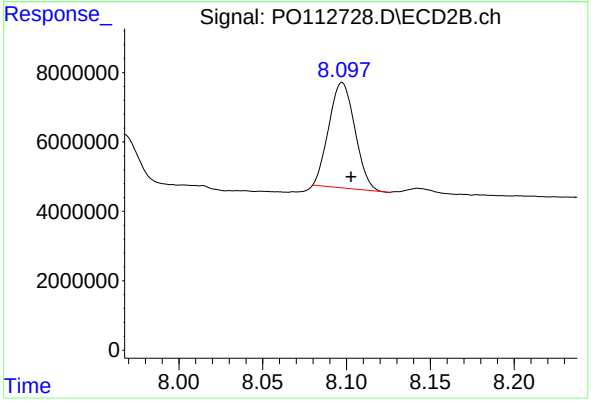
#39 AR-1262-4

R.T.: 7.605 min
Delta R.T.: -0.006 min
Response: 123493947
Conc: 428.64 ng/ml



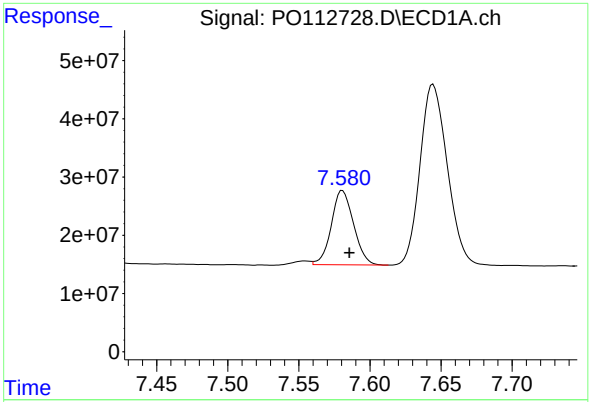
#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: -0.003 min
Response: 146257729
Conc: 336.95 ng/ml



#40 AR-1262-5

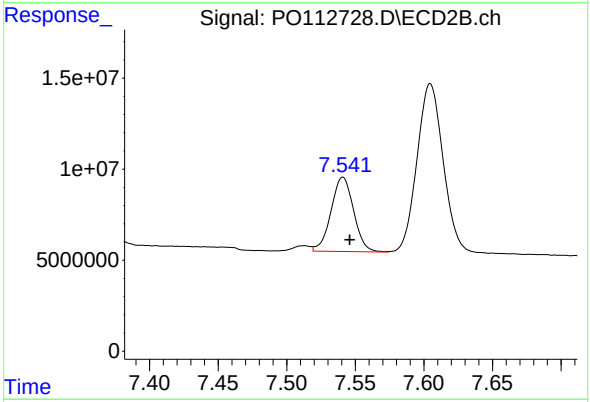
R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 32850856
Conc: 330.15 ng/ml



#41 AR-1268-1

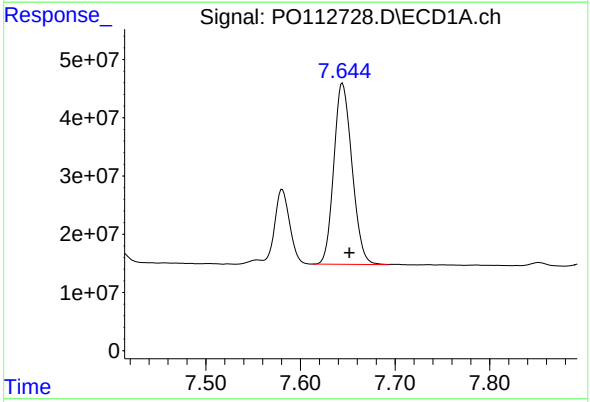
R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 138843608
Conc: 79.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



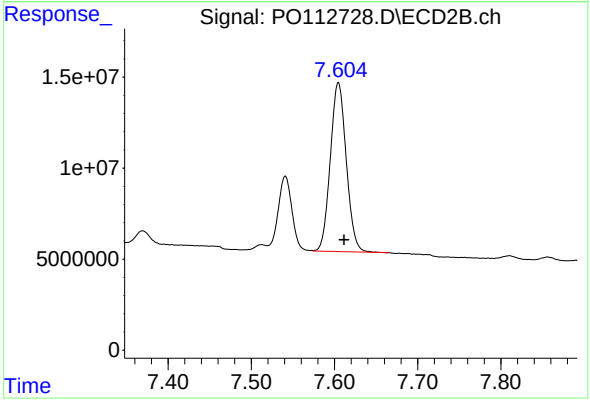
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.005 min
Response: 46918606
Conc: 90.60 ng/ml



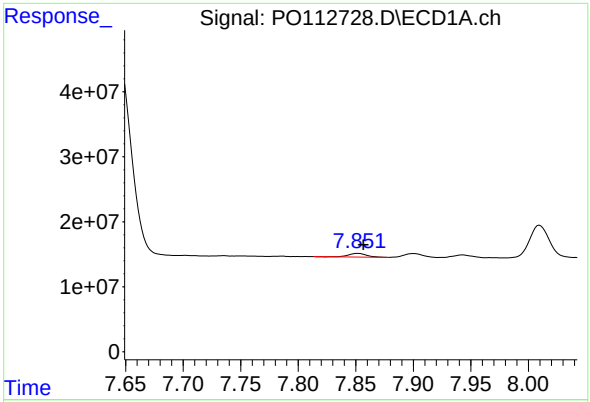
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 416115551
Conc: 282.49 ng/ml



#42 AR-1268-2

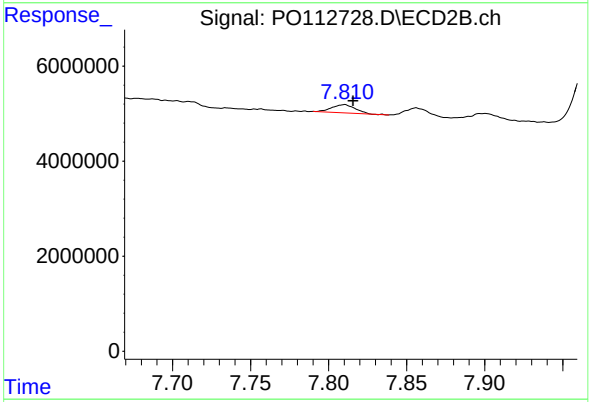
R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 123493947
Conc: 290.53 ng/ml



#43 AR-1268-3

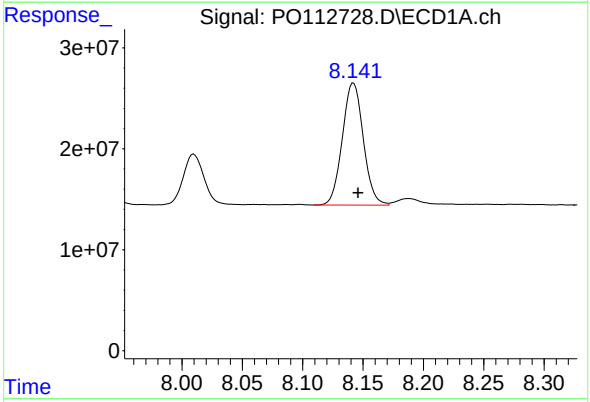
R.T.: 7.852 min
Delta R.T.: -0.005 min
Response: 6272283
Conc: 5.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



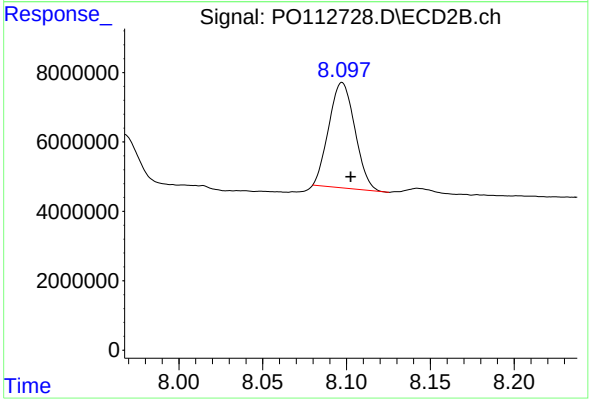
#43 AR-1268-3

R.T.: 7.810 min
Delta R.T.: -0.006 min
Response: 1820115
Conc: 5.67 ng/ml



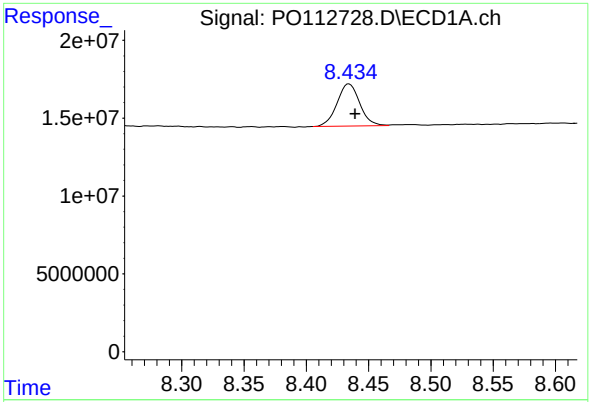
#44 AR-1268-4

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 146257729
Conc: 303.52 ng/ml



#44 AR-1268-4

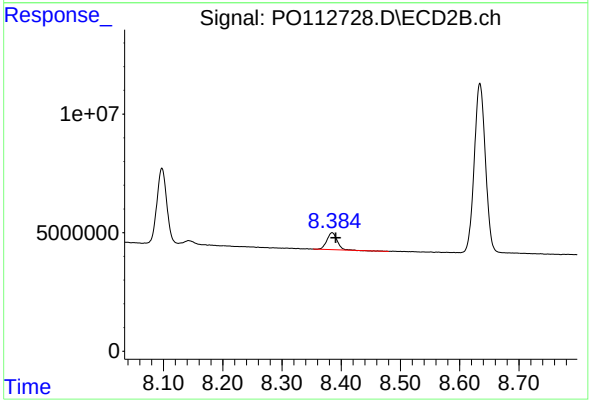
R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 32850856
Conc: 295.17 ng/ml



#45 AR-1268-5

R.T.: 8.434 min
Delta R.T.: -0.005 min
Response: 34562198
Conc: 10.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.006 min
Response: 8427816
Conc: 11.52 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:29
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 05 11:04:33 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...	3.667	3.659	480.8E6	276.3E6	59.129	55.607	
2)	SA	Decachlor...	8.687	8.633	398.0E6	96515386	54.427	54.618	
	Target Compounds								
3)	L1	AR-1016-1	4.751	4.732	158.0E6	93492909	588.792	534.224	
4)	L1	AR-1016-2	4.770	4.751	239.1E6	139.0E6	588.646	533.521	
5)	L1	AR-1016-3	4.828	4.926	149.3E6	71573625	570.571	526.406	
6)	L1	AR-1016-4	4.946	4.968	122.7E6	58130146	579.014	523.295	
7)	L1	AR-1016-5	5.203	5.180	145.3E6	78862879	662.071	550.323	
8)	L2	AR-1221-1	3.877	3.866	13216974	9461857	136.737	140.664	
9)	L2	AR-1221-2	3.964	3.953	20396909	14352237	283.834	282.925	
10)	L2	AR-1221-3	4.039	4.027	78955937	50981218	332.151	321.588	
11)	L3	AR-1232-1	4.039	4.027	78955937	50981218	422.272	402.855	
12)	L3	AR-1232-2	4.530	4.751	119.6E6	139.0E6	1111.728	1059.660	
13)	L3	AR-1232-3	4.770	4.926	239.1E6	71573625	1155.997	1065.134	
14)	L3	AR-1232-4	4.946	5.010	122.7E6	71569262	1171.080	1196.228	
15)	L3	AR-1232-5	4.989	5.180	92001972	78862879	1355.344	1209.497	
16)	L4	AR-1242-1	4.751	4.732	158.0E6	93492909	638.194	590.255	
17)	L4	AR-1242-2	4.770	4.751	239.1E6	139.0E6	646.467	594.777	
18)	L4	AR-1242-3	4.828	4.926	149.3E6	71573625	630.884	590.595	
19)	L4	AR-1242-4	4.946	5.010	122.7E6	71569262	631.357	583.099	
20)	L4	AR-1242-5	5.598	5.529	41464211	80681794	193.834	501.219	#
21)	L5	AR-1248-1	4.751	4.732	158.0E6	93492909	844.040	769.430	
22)	L5	AR-1248-2	4.989	4.968	92001972	58130146	360.633	343.397	
23)	L5	AR-1248-3	5.203	5.010	145.3E6	71569262	422.766	402.873	
24)	L5	AR-1248-4	5.556	5.180	148.2E6	78862879	291.638	378.503	#
25)	L5	AR-1248-5	5.598	5.570	41464211	22715338	118.608	105.768	
26)	L6	AR-1254-1	5.556	5.529	148.2E6	80681794	269.920	245.516	
27)	L6	AR-1254-2	5.705	5.677	111.9E6	60544275	230.220	209.141	
28)	L6	AR-1254-3	6.125	6.093	204.2E6	108.7E6	274.421	254.281	
29)	L6	AR-1254-4	6.339	6.306	29944261	15318042	54.473	56.118	
30)	L6	AR-1254-5	6.756	6.720	365.5E6	163.1E6	516.323	488.313	
31)	L7	AR-1260-1	6.240	6.207	256.5E6	137.2E6	583.754	551.900	
32)	L7	AR-1260-2	6.429	6.396	395.9E6	182.5E6	575.542	553.971	
33)	L7	AR-1260-3	6.795	6.547	358.9E6	138.4E6	610.356	538.799	
34)	L7	AR-1260-4	7.054	7.016	259.8E6	107.3E6	575.964	560.705	
35)	L7	AR-1260-5	7.297	7.258	706.9E6	239.8E6	570.463	581.870	
36)	L8	AR-1262-1	6.795	6.759	358.9E6	156.8E6	386.244	378.061	
37)	L8	AR-1262-2	7.297	7.258	706.9E6	239.8E6	475.369	465.222	
38)	L8	AR-1262-3	7.580	7.539	151.3E6	48657990	256.310	260.865	
39)	L8	AR-1262-4	7.644	7.603	453.5E6	128.8E6	456.141	447.120	
40)	L8	AR-1262-5	8.140	8.096	163.7E6	32817557	377.088	329.814	
41)	L9	AR-1268-1	7.580	7.539	151.3E6	48657990	86.394	93.959	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:29
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 05 11:04:33 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	453.5E6	128.8E6	307.857	303.053
43) L9	AR-1268-3	7.850	7.807	8099882	1957073	6.468	6.092
44) L9	AR-1268-4	8.140	8.096	163.7E6	32817557	339.679	294.869
45) L9	AR-1268-5	8.433	8.384	37148191	9911417	11.065	13.545

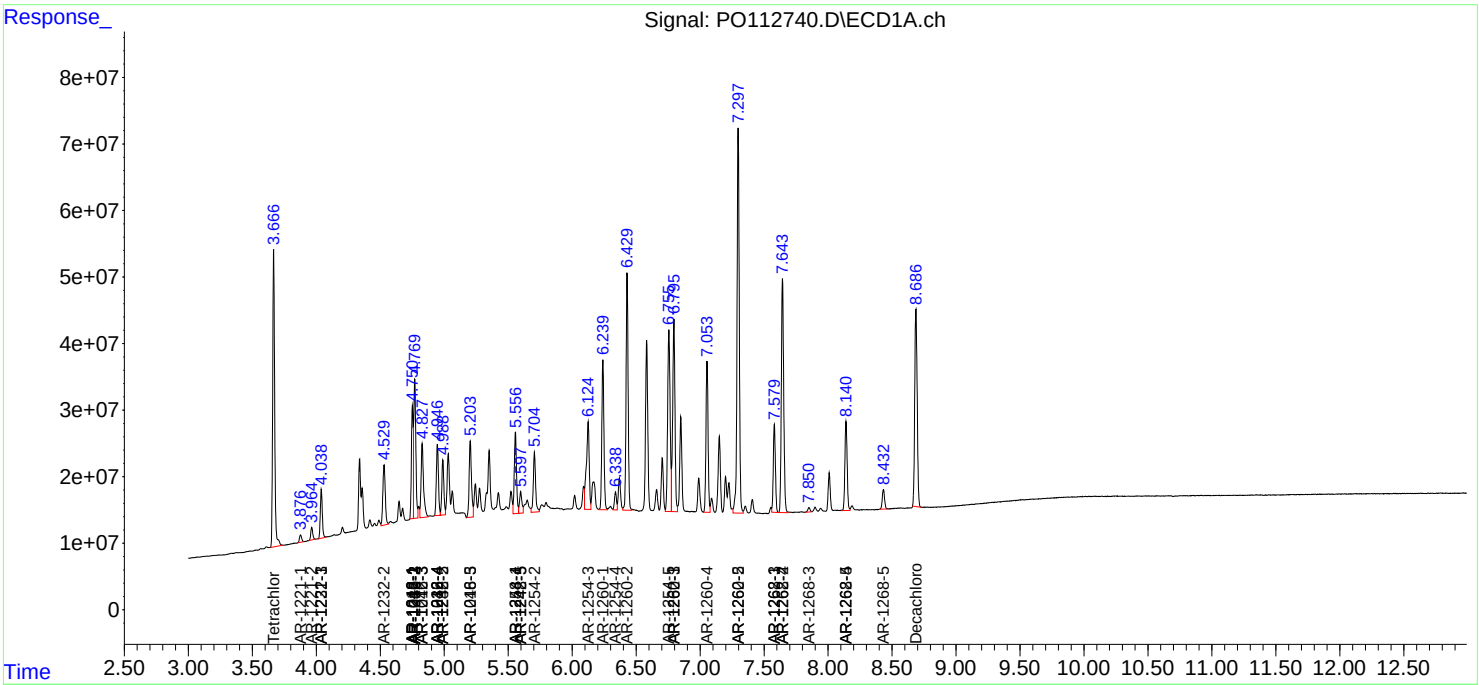
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

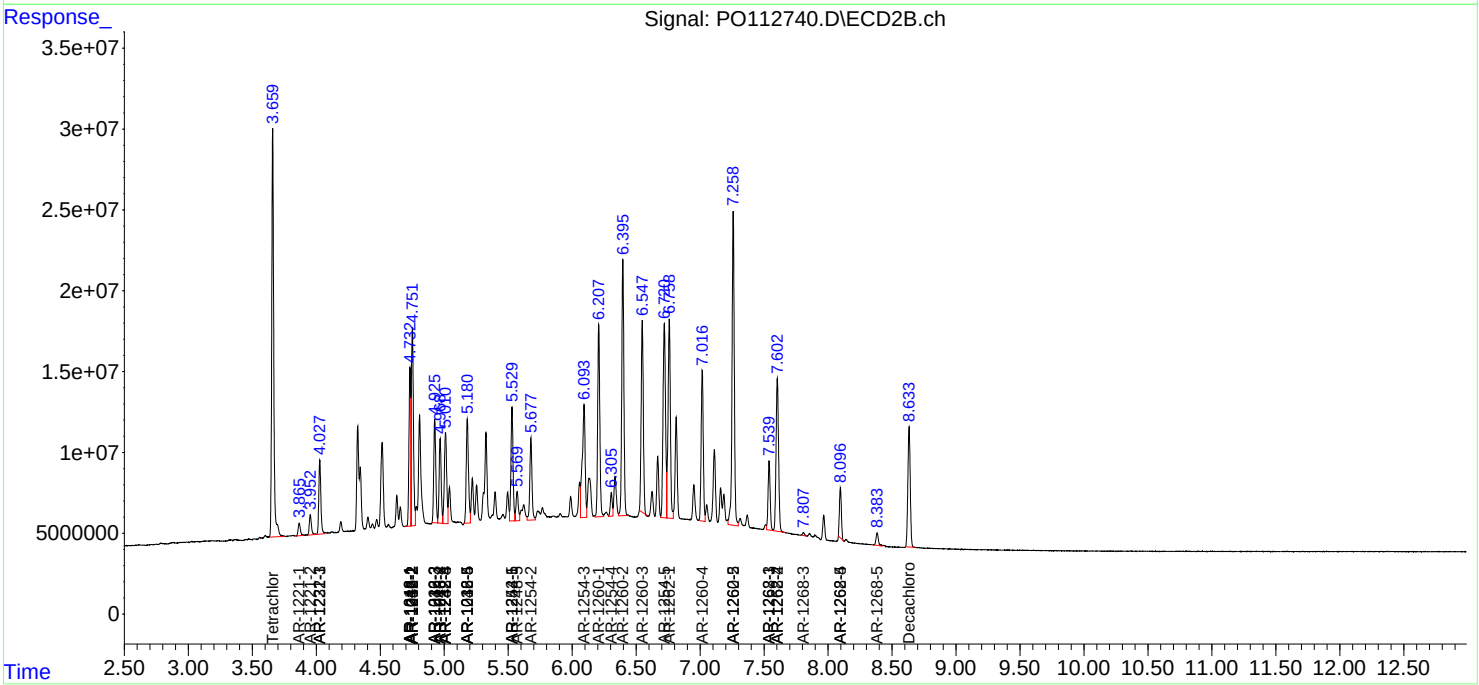
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 08:29
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

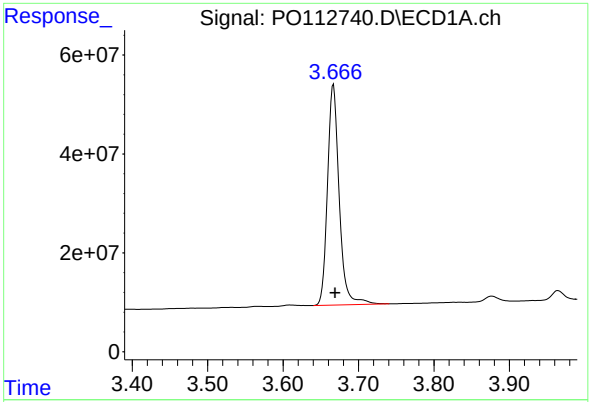
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:04:33 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



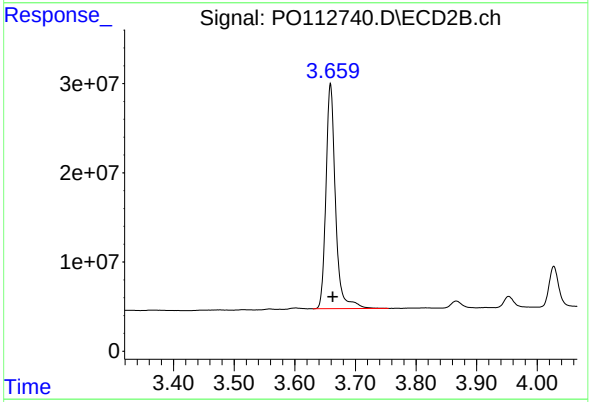




#1 Tetrachloro-m-xylene

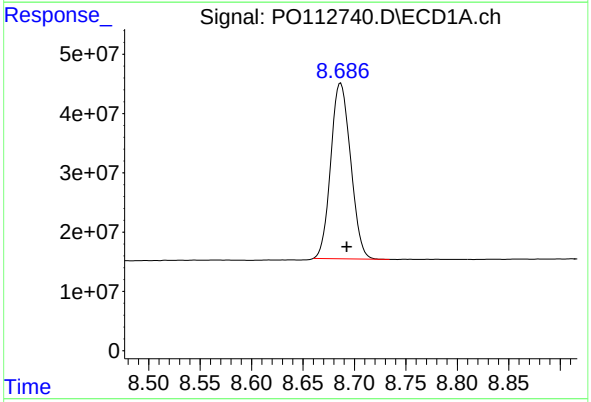
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 480813105
Conc: 59.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



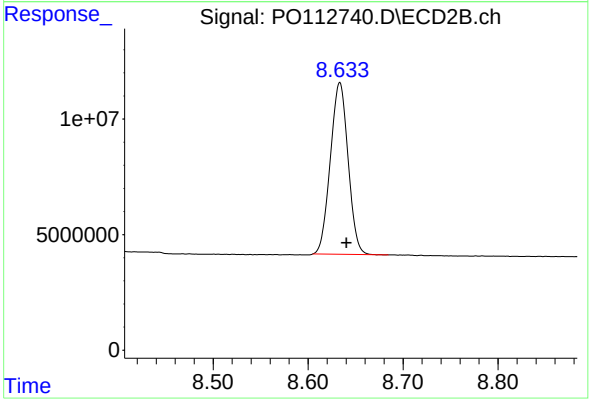
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 276321837
Conc: 55.61 ng/ml



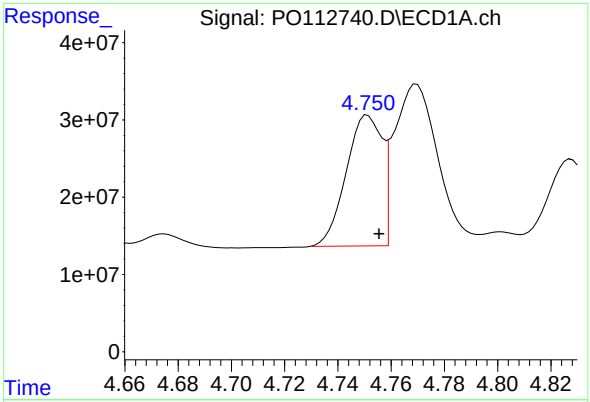
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 397958148
Conc: 54.43 ng/ml



#2 Decachlorobiphenyl

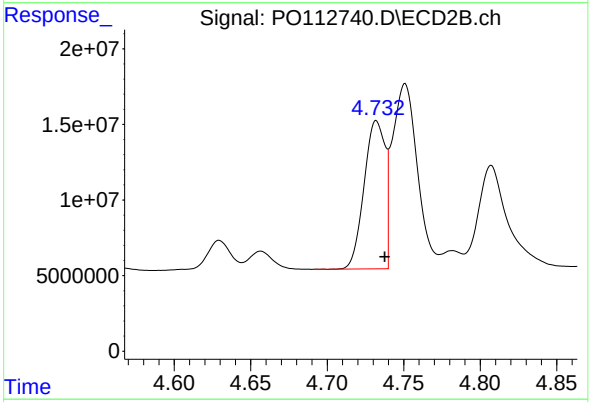
R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 96515386
Conc: 54.62 ng/ml



#3 AR-1016-1

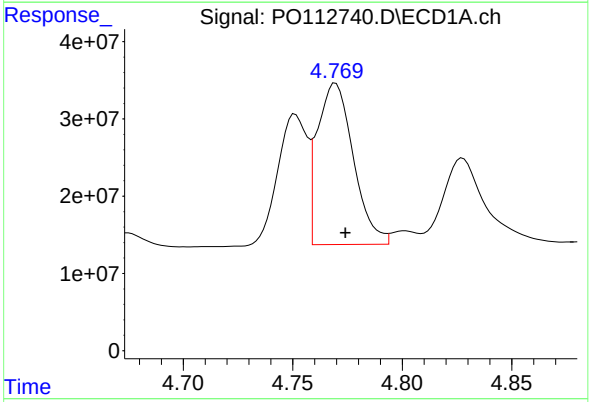
R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 158011671
Conc: 588.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



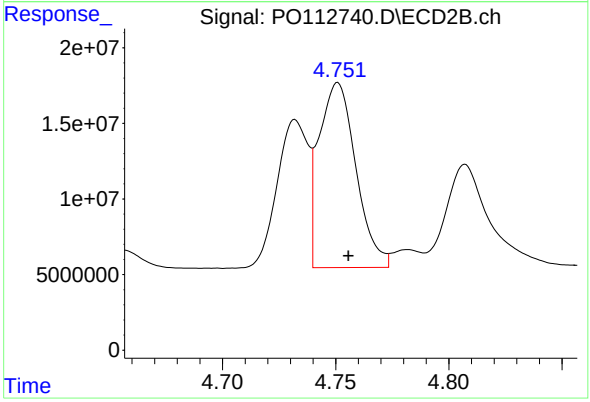
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.005 min
Response: 93492909
Conc: 534.22 ng/ml



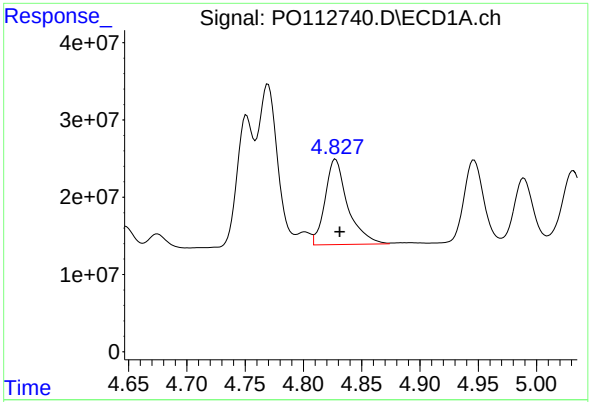
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 239059370
Conc: 588.65 ng/ml



#4 AR-1016-2

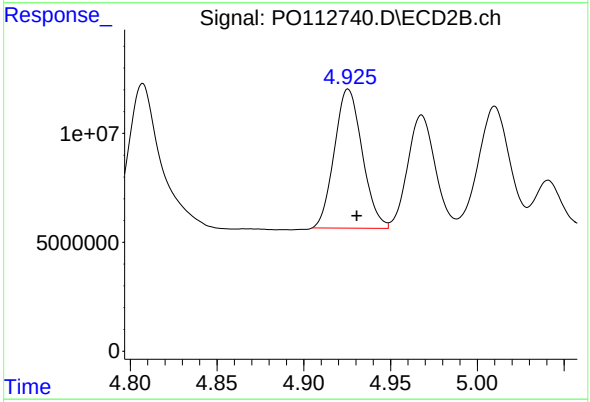
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 138979472
Conc: 533.52 ng/ml



#5 AR-1016-3

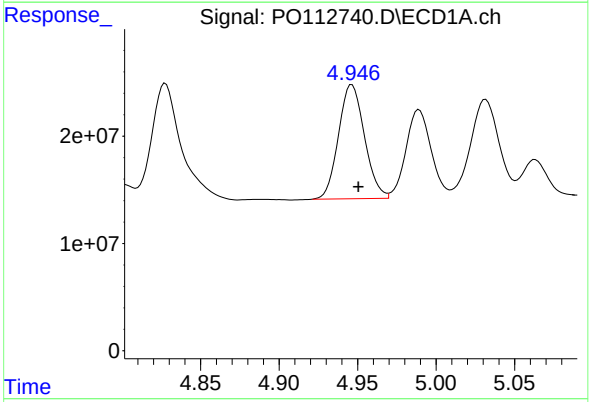
R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 149303600
Conc: 570.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



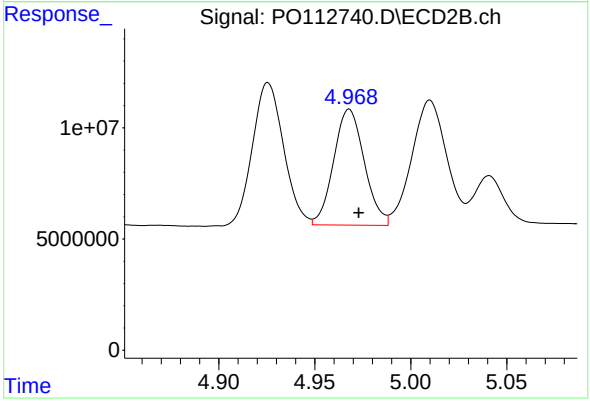
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 71573625
Conc: 526.41 ng/ml



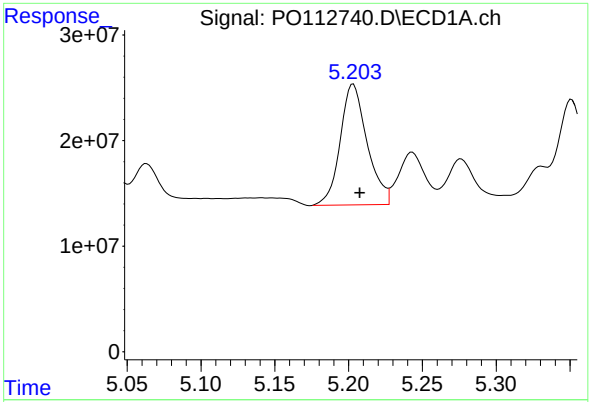
#6 AR-1016-4

R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 122659240
Conc: 579.01 ng/ml



#6 AR-1016-4

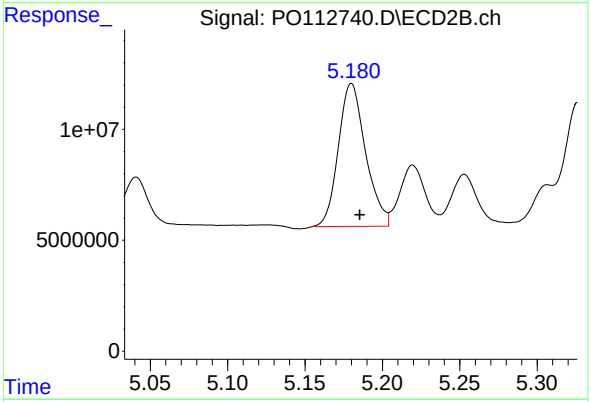
R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 58130146
Conc: 523.30 ng/ml



#7 AR-1016-5

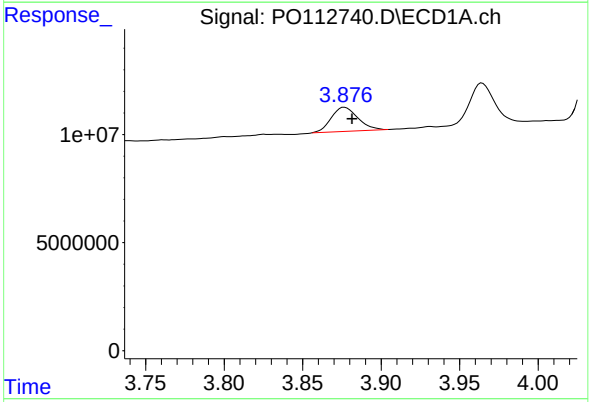
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 145305218
Conc: 662.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



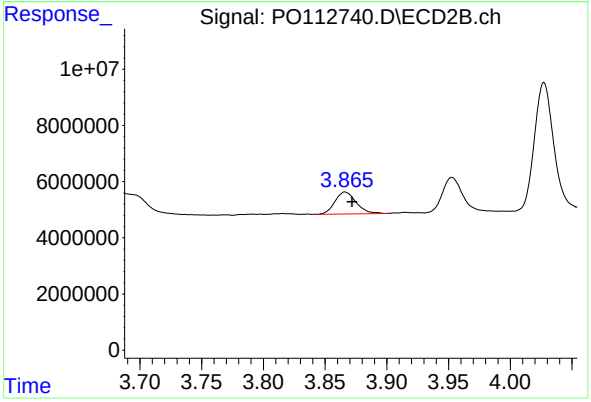
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 78862879
Conc: 550.32 ng/ml



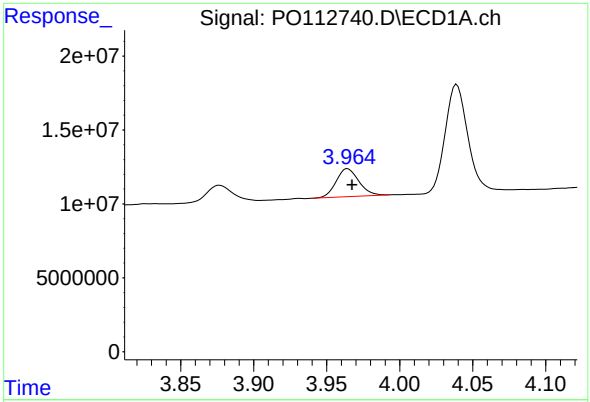
#8 AR-1221-1

R.T.: 3.877 min
Delta R.T.: -0.005 min
Response: 13216974
Conc: 136.74 ng/ml



#8 AR-1221-1

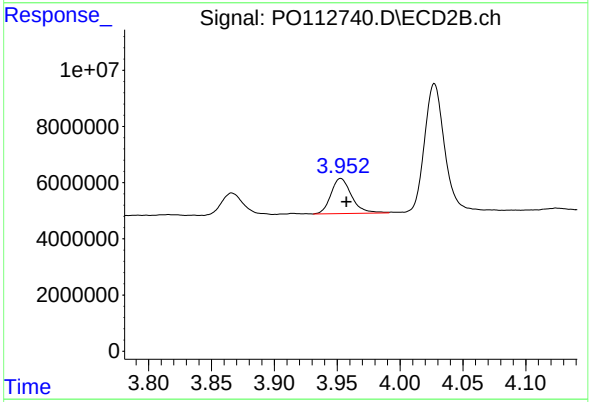
R.T.: 3.866 min
Delta R.T.: -0.006 min
Response: 9461857
Conc: 140.66 ng/ml



#9 AR-1221-2

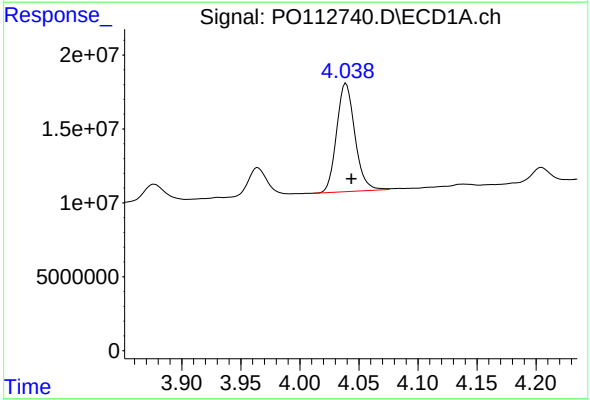
R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 20396909
Conc: 283.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



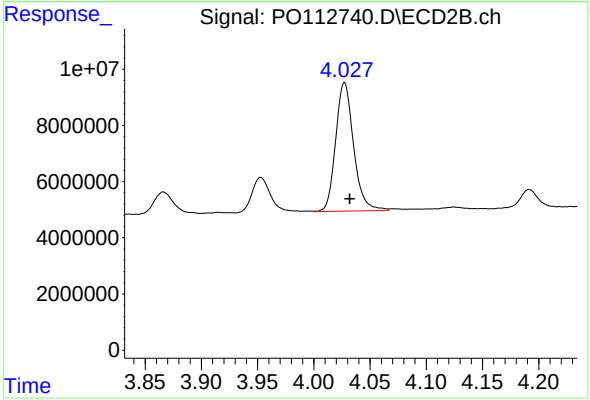
#9 AR-1221-2

R.T.: 3.953 min
Delta R.T.: -0.005 min
Response: 14352237
Conc: 282.93 ng/ml



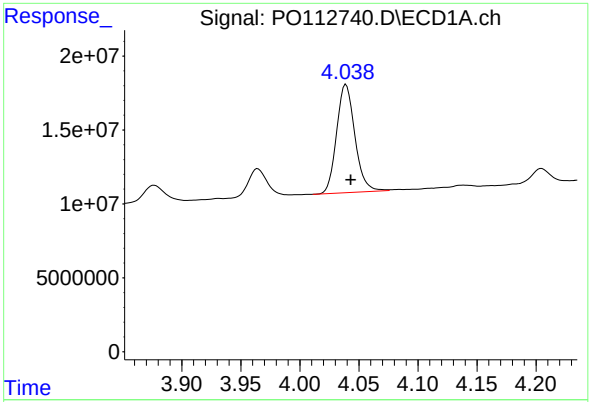
#10 AR-1221-3

R.T.: 4.039 min
Delta R.T.: -0.005 min
Response: 78955937
Conc: 332.15 ng/ml



#10 AR-1221-3

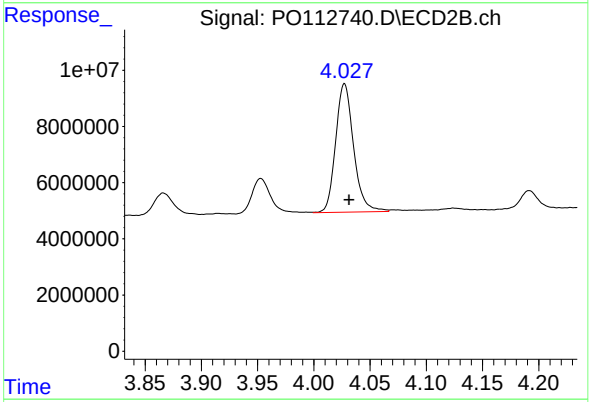
R.T.: 4.027 min
Delta R.T.: -0.004 min
Response: 50981218
Conc: 321.59 ng/ml



#11 AR-1232-1

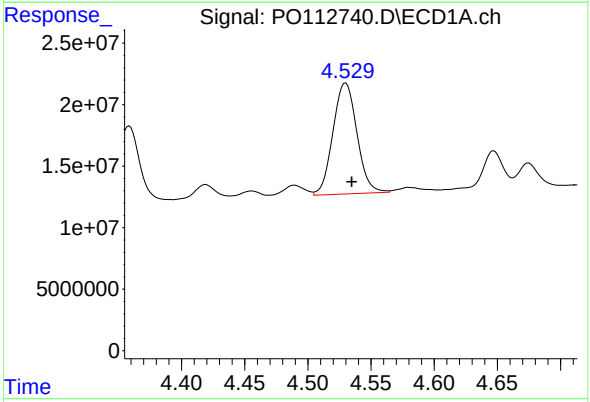
R.T.: 4.039 min
Delta R.T.: -0.004 min
Response: 78955937
Conc: 422.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



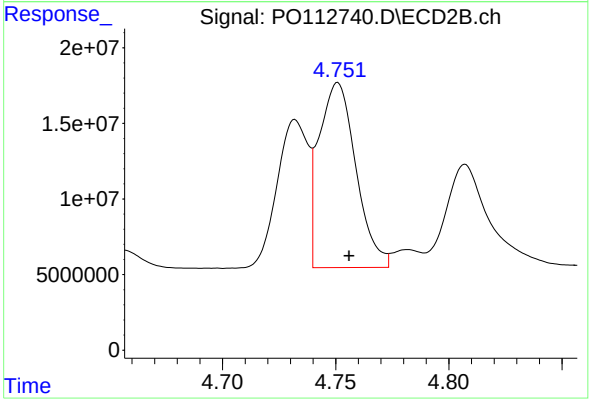
#11 AR-1232-1

R.T.: 4.027 min
Delta R.T.: -0.004 min
Response: 50981218
Conc: 402.85 ng/ml



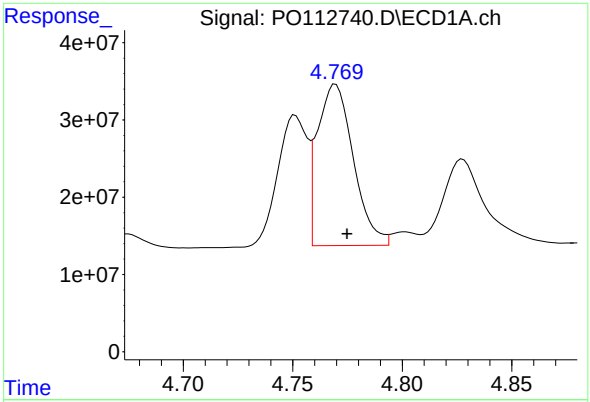
#12 AR-1232-2

R.T.: 4.530 min
Delta R.T.: -0.005 min
Response: 119649416
Conc: 1111.73 ng/ml



#12 AR-1232-2

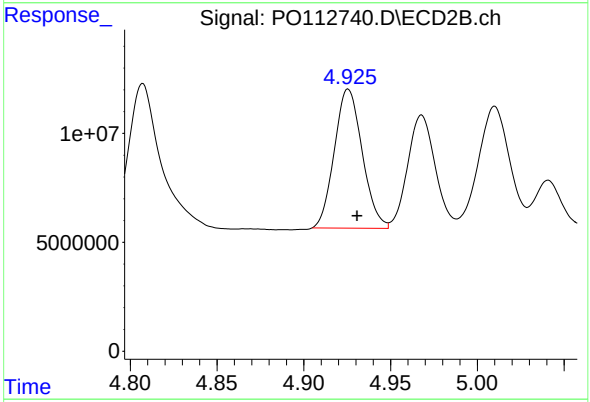
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 138979472
Conc: 1059.66 ng/ml



#13 AR-1232-3

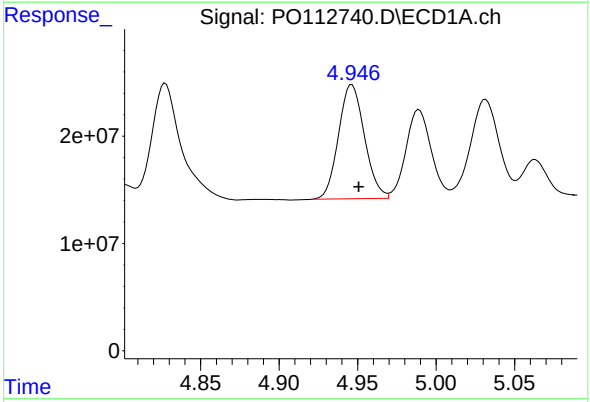
R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 239059370
Conc: 1156.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



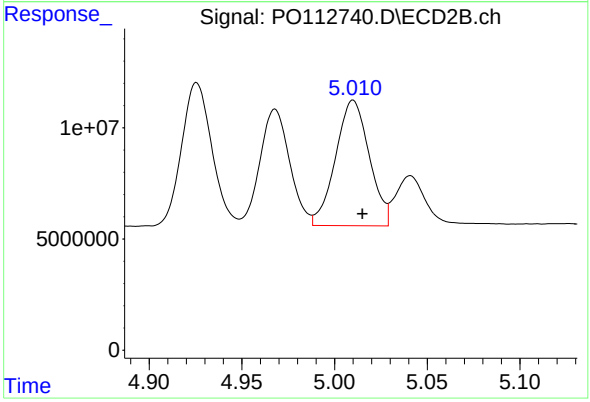
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 71573625
Conc: 1065.13 ng/ml



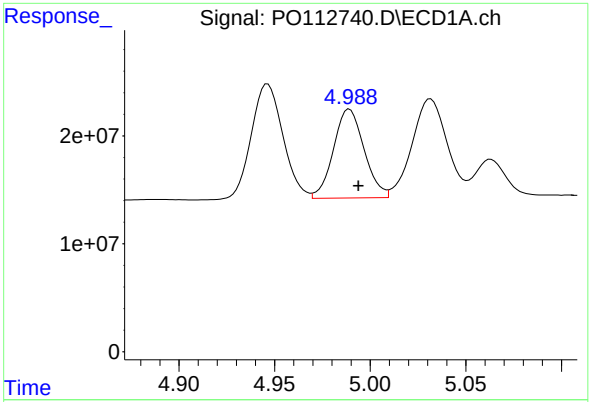
#14 AR-1232-4

R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 122659240
Conc: 1171.08 ng/ml



#14 AR-1232-4

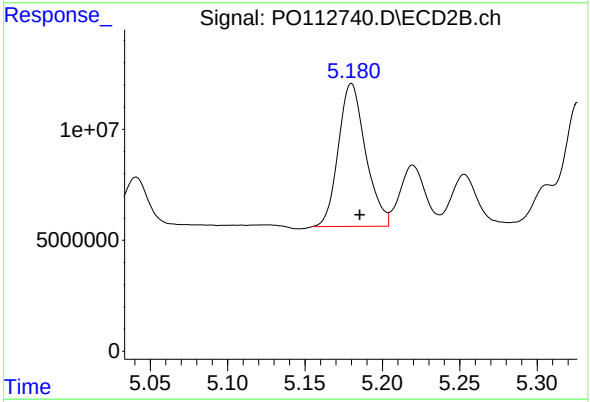
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 71569262
Conc: 1196.23 ng/ml



#15 AR-1232-5

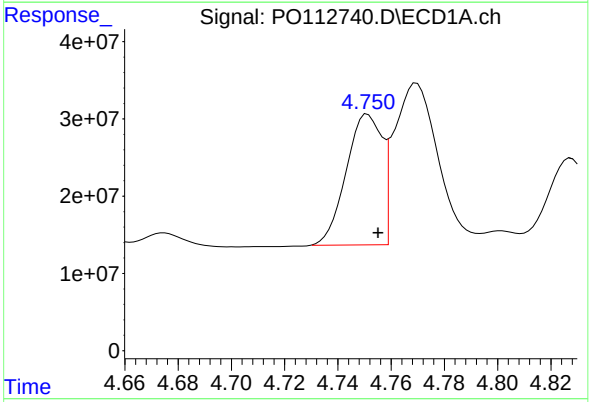
R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 92001972
Conc: 1355.34 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



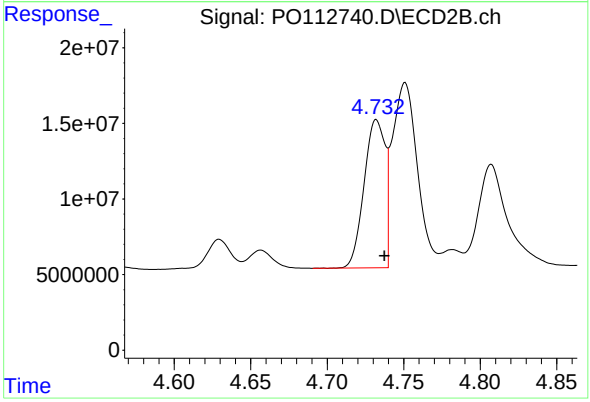
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 78862879
Conc: 1209.50 ng/ml



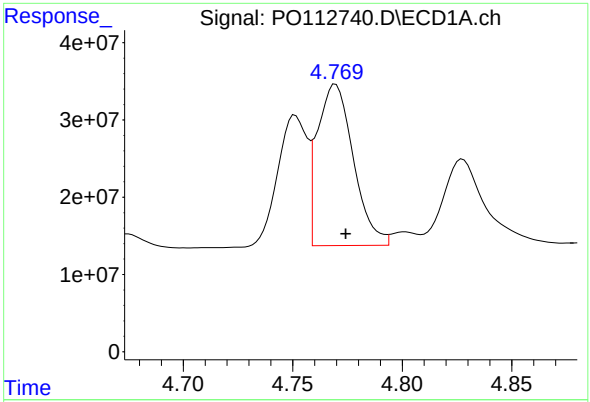
#16 AR-1242-1

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 158011671
Conc: 638.19 ng/ml



#16 AR-1242-1

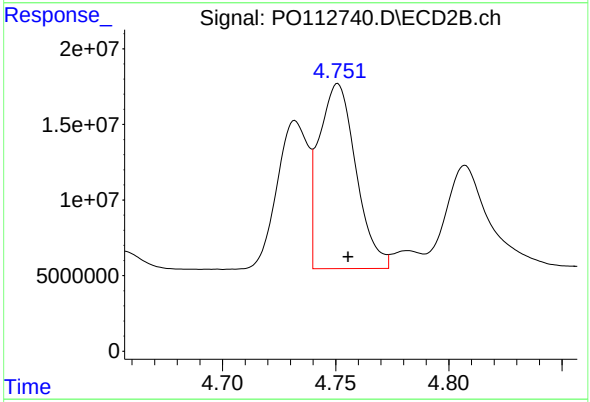
R.T.: 4.732 min
Delta R.T.: -0.005 min
Response: 93492909
Conc: 590.26 ng/ml



#17 AR-1242-2

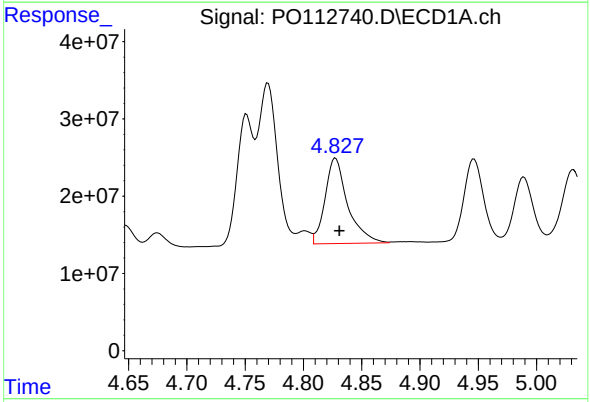
R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 239059370
Conc: 646.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



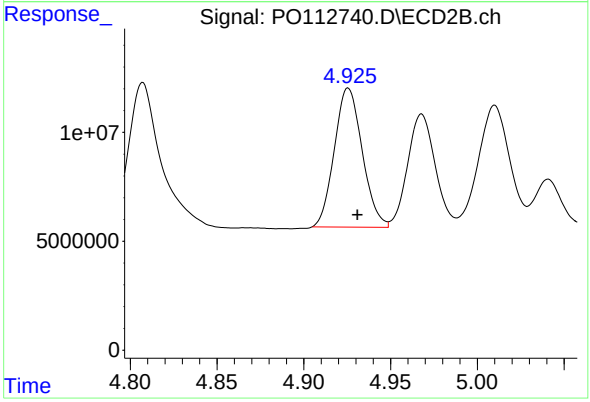
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 138979472
Conc: 594.78 ng/ml



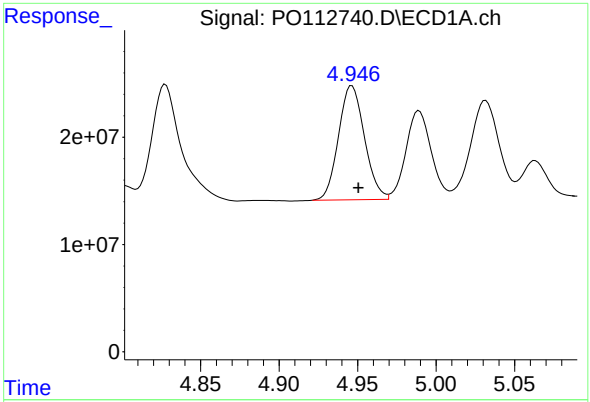
#18 AR-1242-3

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 149303600
Conc: 630.88 ng/ml



#18 AR-1242-3

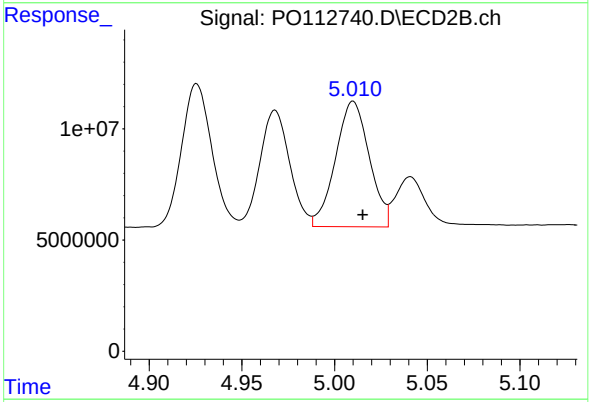
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 71573625
Conc: 590.59 ng/ml



#19 AR-1242-4

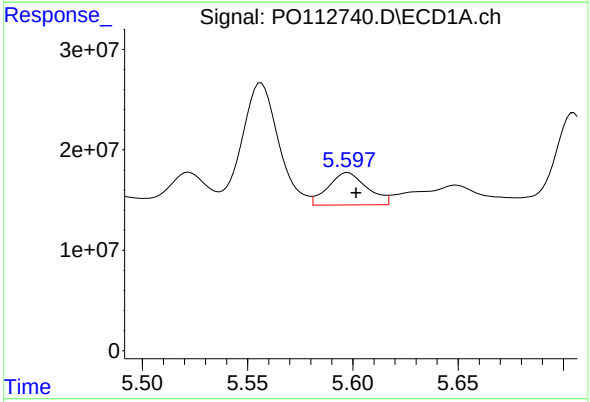
R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 122659240
Conc: 631.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



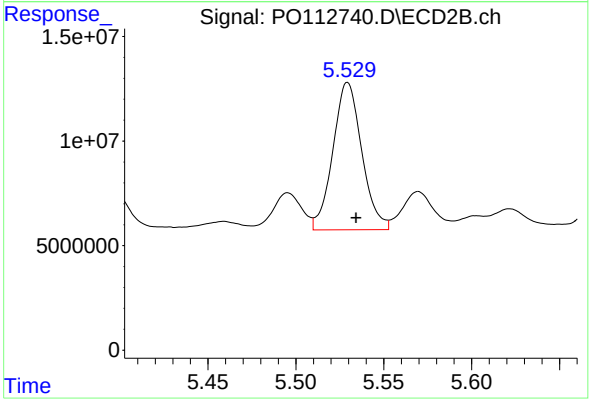
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 71569262
Conc: 583.10 ng/ml



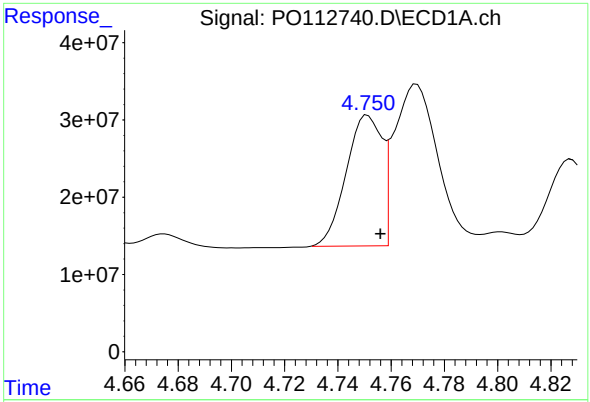
#20 AR-1242-5

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 41464211
Conc: 193.83 ng/ml



#20 AR-1242-5

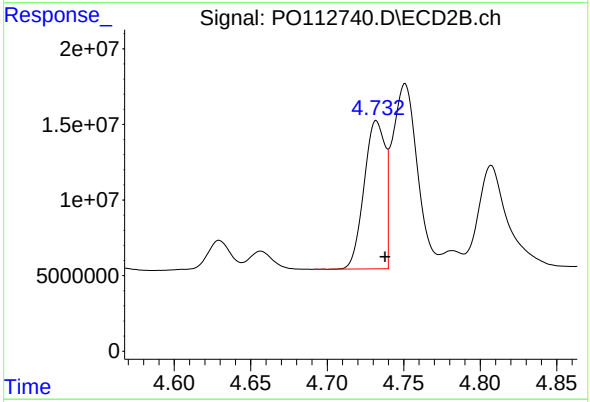
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 80681794
Conc: 501.22 ng/ml



#21 AR-1248-1

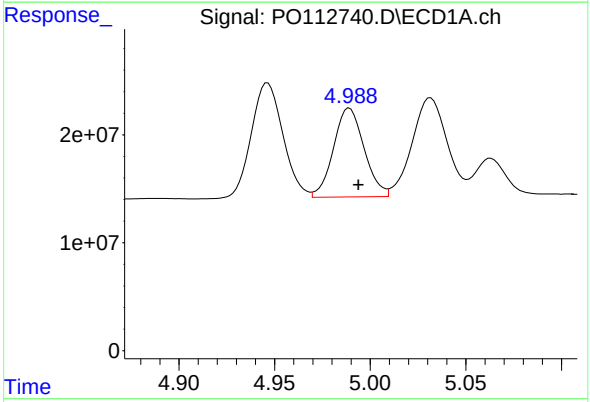
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 158011671
Conc: 844.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



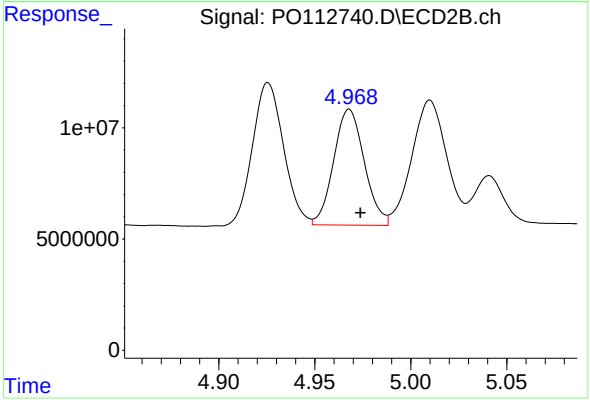
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 93492909
Conc: 769.43 ng/ml



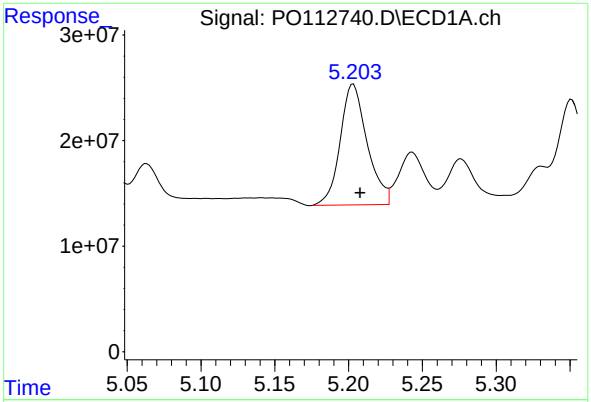
#22 AR-1248-2

R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 92001972
Conc: 360.63 ng/ml



#22 AR-1248-2

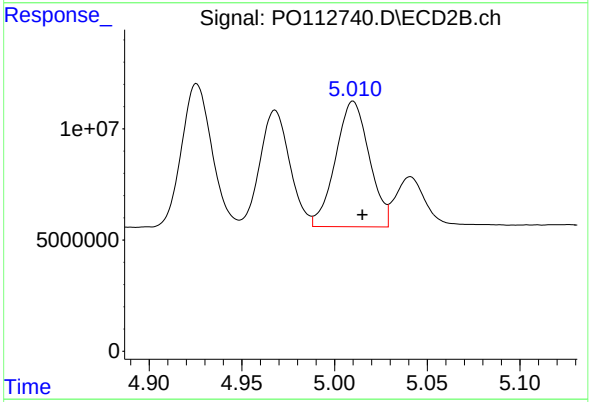
R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 58130146
Conc: 343.40 ng/ml



#23 AR-1248-3

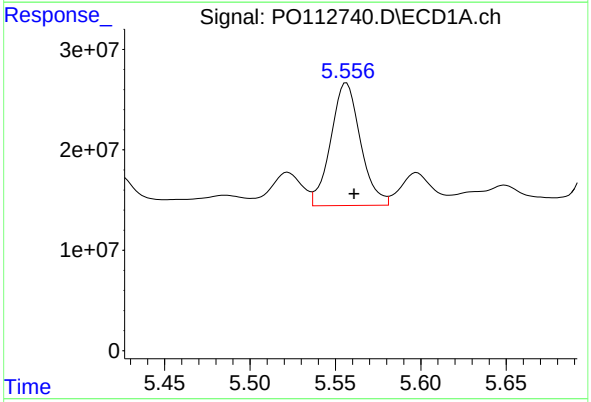
R.T.: 5.203 min
Delta R.T.: -0.005 min
Response: 145305218
Conc: 422.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



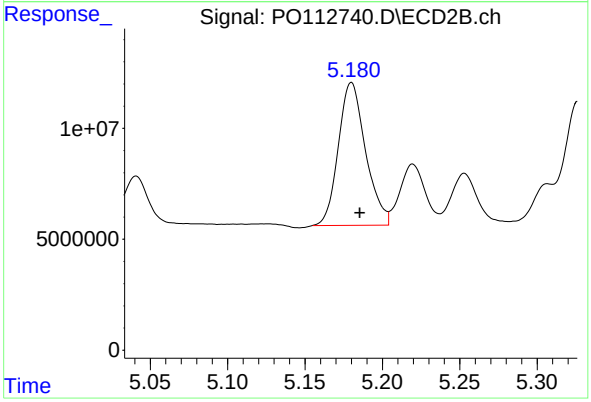
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 71569262
Conc: 402.87 ng/ml



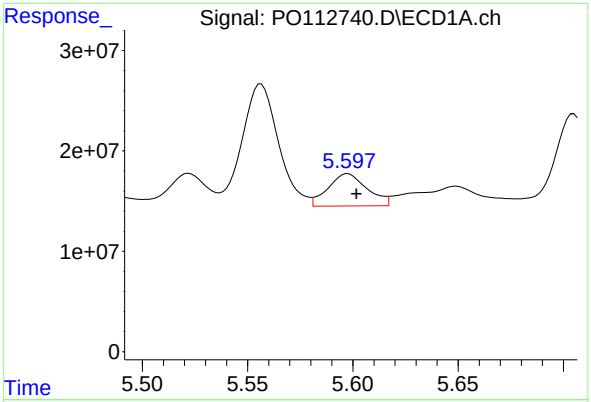
#24 AR-1248-4

R.T.: 5.556 min
Delta R.T.: -0.004 min
Response: 148174652
Conc: 291.64 ng/ml



#24 AR-1248-4

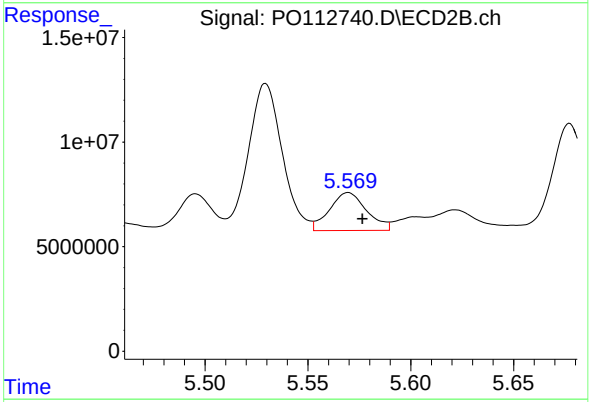
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 78862879
Conc: 378.50 ng/ml



#25 AR-1248-5

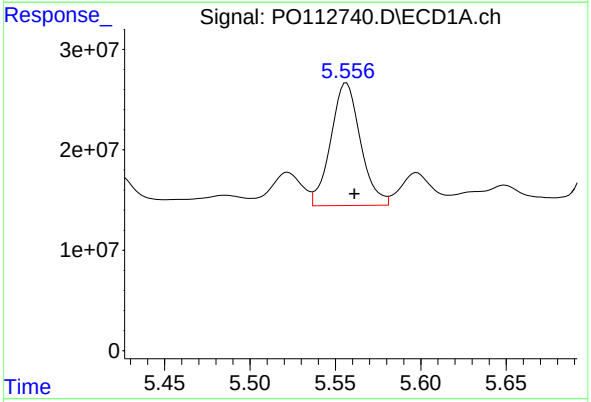
R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 41464211
Conc: 118.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



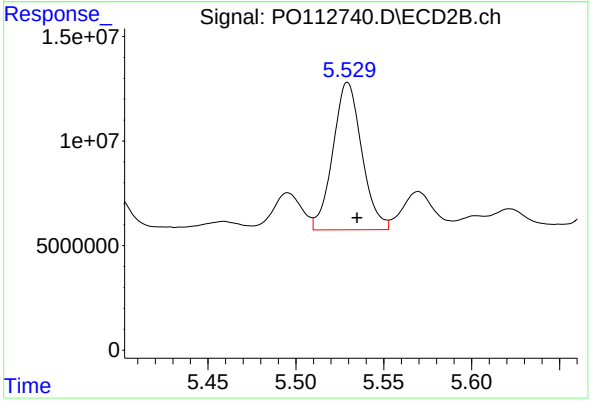
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: -0.007 min
Response: 22715338
Conc: 105.77 ng/ml



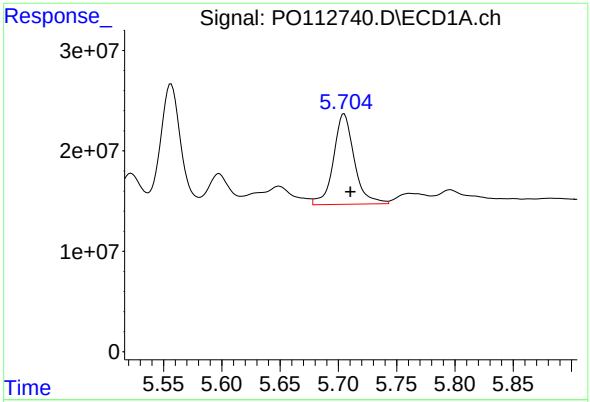
#26 AR-1254-1

R.T.: 5.556 min
Delta R.T.: -0.005 min
Response: 148174652
Conc: 269.92 ng/ml



#26 AR-1254-1

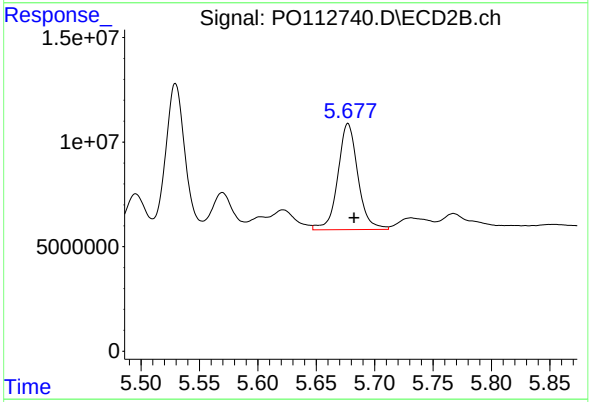
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 80681794
Conc: 245.52 ng/ml



#27 AR-1254-2

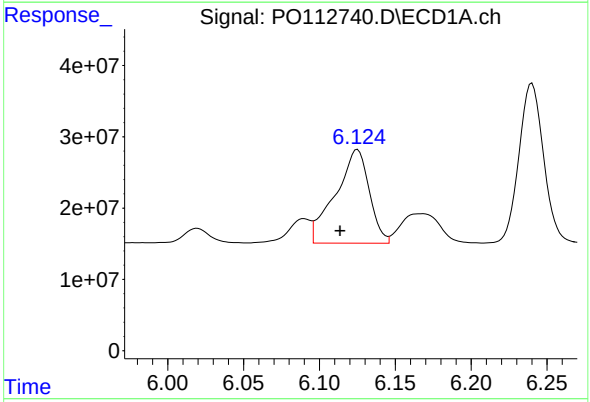
R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 111868166
Conc: 230.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



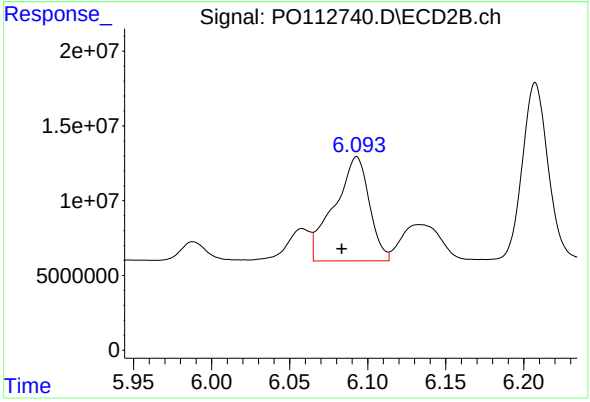
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 60544275
Conc: 209.14 ng/ml



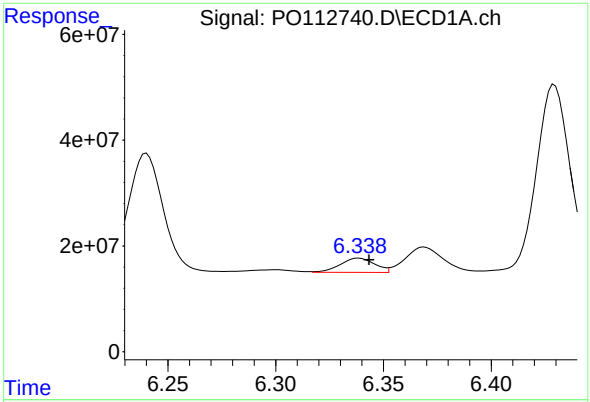
#28 AR-1254-3

R.T.: 6.125 min
Delta R.T.: 0.011 min
Response: 204247994
Conc: 274.42 ng/ml



#28 AR-1254-3

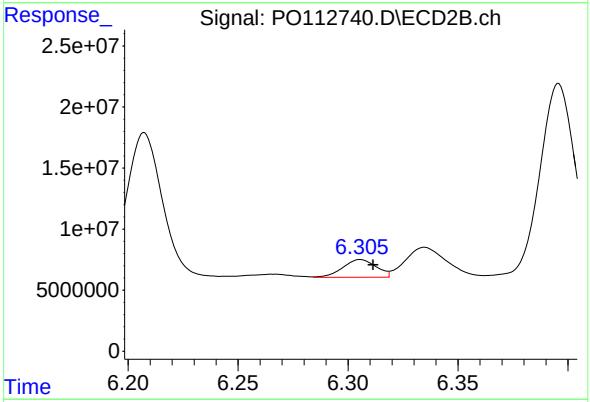
R.T.: 6.093 min
Delta R.T.: 0.010 min
Response: 108695447
Conc: 254.28 ng/ml



#29 AR-1254-4

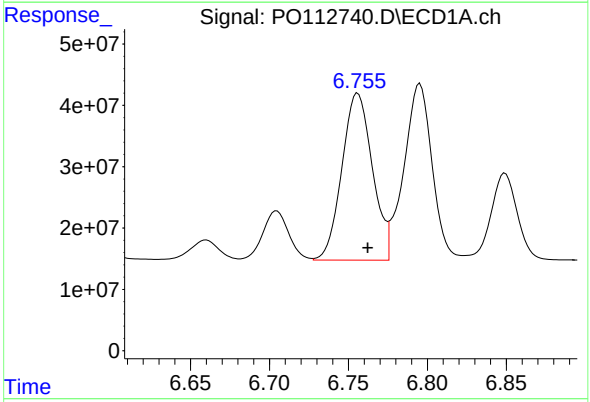
R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 29944261
Conc: 54.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



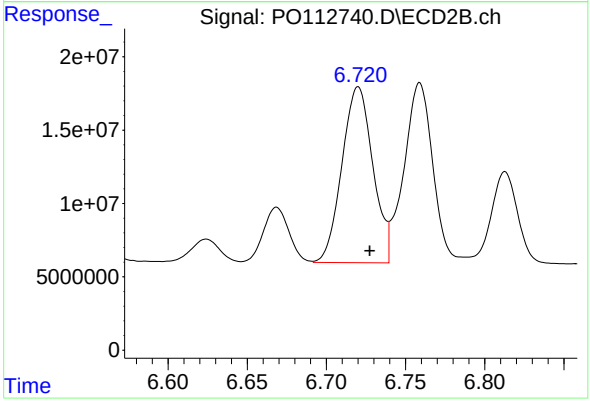
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.006 min
Response: 15318042
Conc: 56.12 ng/ml



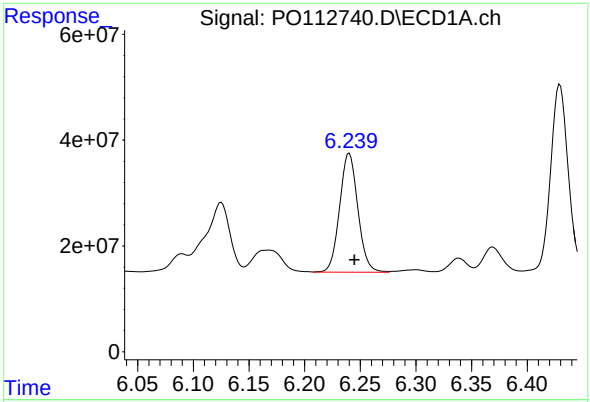
#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 365466188
Conc: 516.32 ng/ml



#30 AR-1254-5

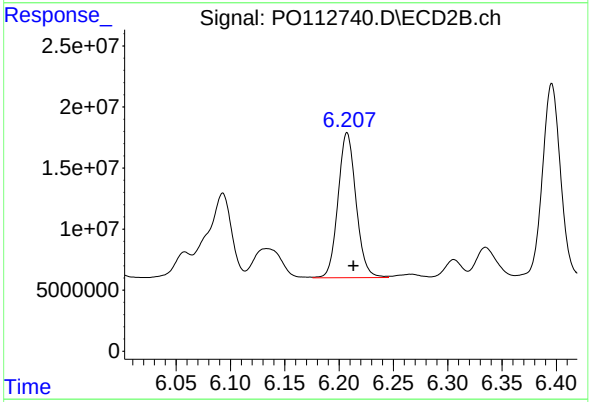
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 163106048
Conc: 488.31 ng/ml



#31 AR-1260-1

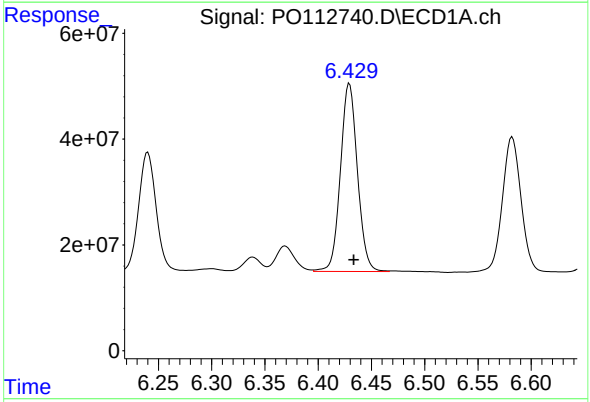
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 256461189
Conc: 583.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



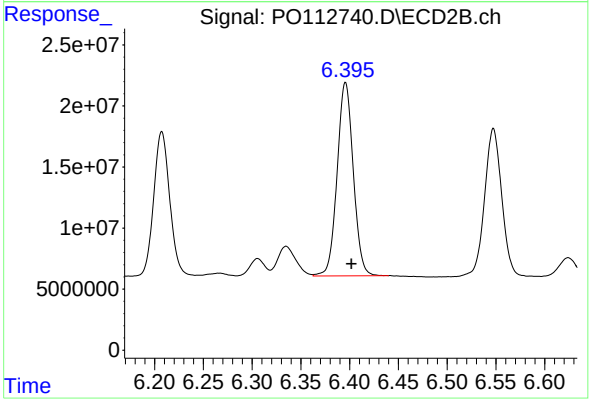
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 137153285
Conc: 551.90 ng/ml



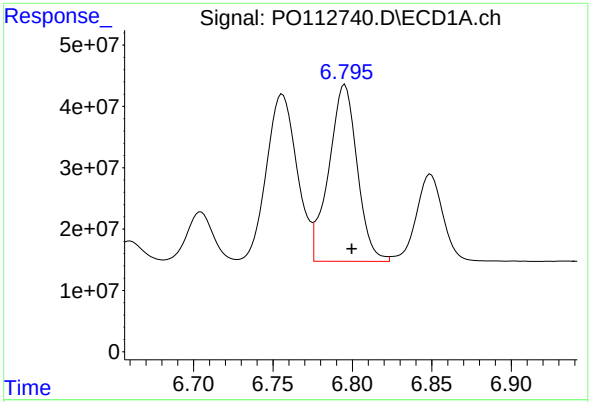
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 395912069
Conc: 575.54 ng/ml



#32 AR-1260-2

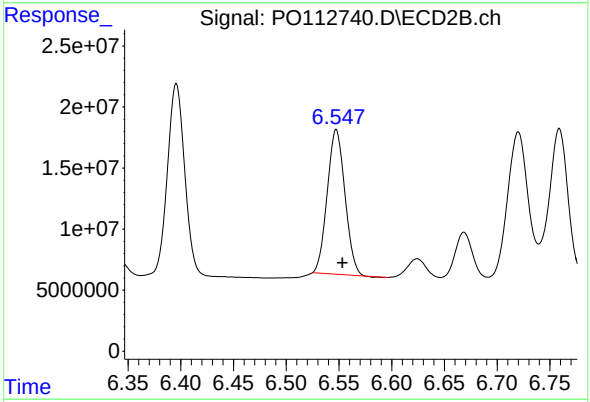
R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 182529987
Conc: 553.97 ng/ml



#33 AR-1260-3

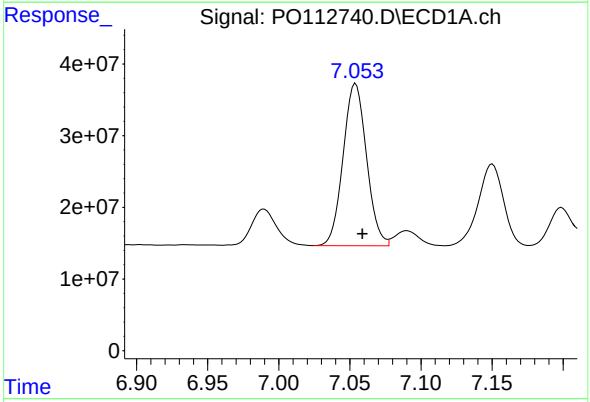
R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 358901234
Conc: 610.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



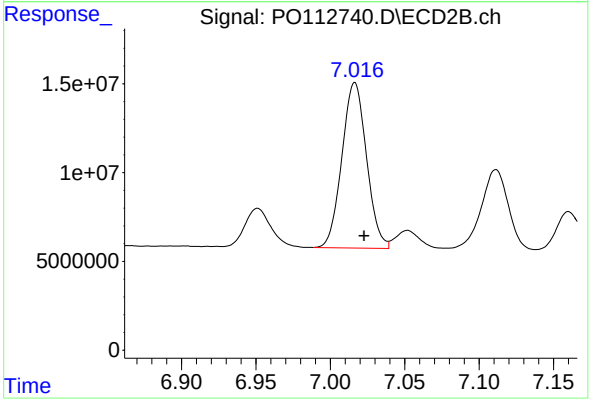
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 138428904
Conc: 538.80 ng/ml



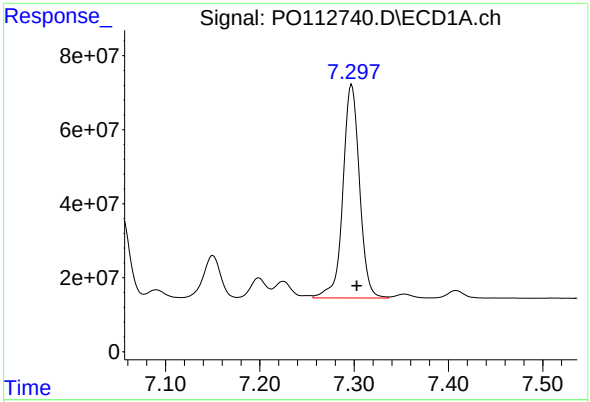
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 259762531
Conc: 575.96 ng/ml



#34 AR-1260-4

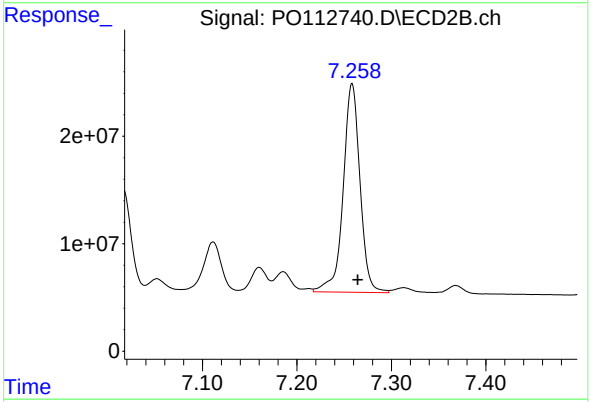
R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 107268823
Conc: 560.70 ng/ml



#35 AR-1260-5

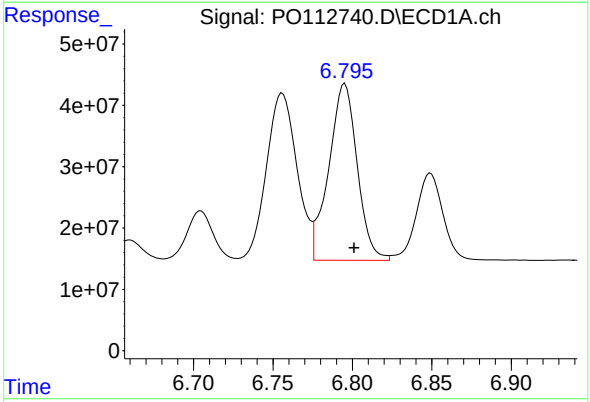
R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 706882249
Conc: 570.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



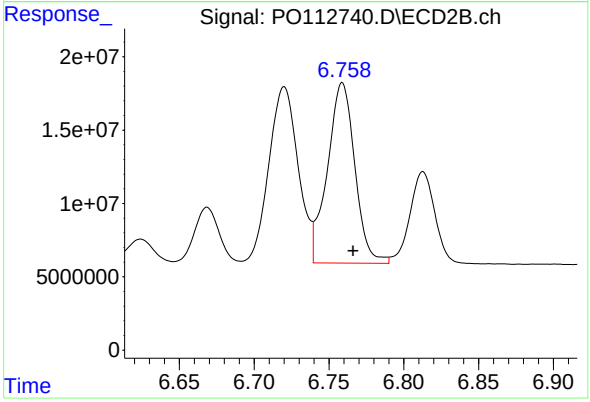
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 239843064
Conc: 581.87 ng/ml



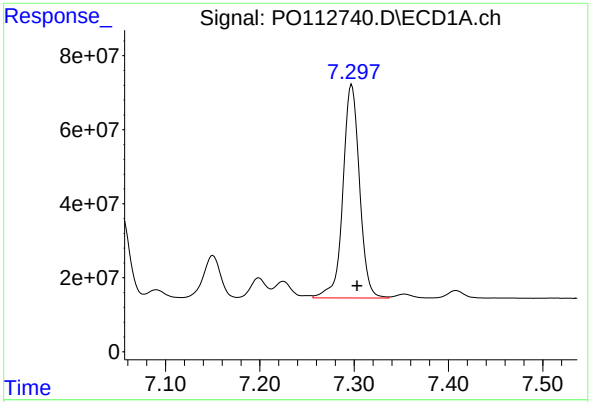
#36 AR-1262-1

R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 358901234
Conc: 386.24 ng/ml



#36 AR-1262-1

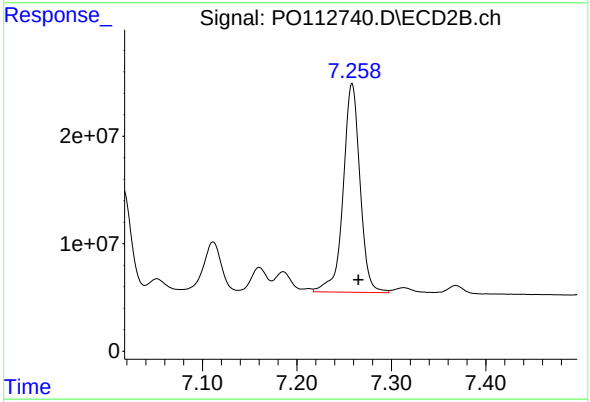
R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 156830129
Conc: 378.06 ng/ml



#37 AR-1262-2

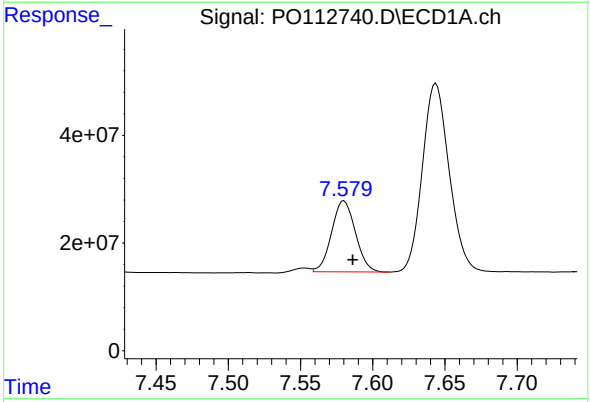
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 706882249
Conc: 475.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



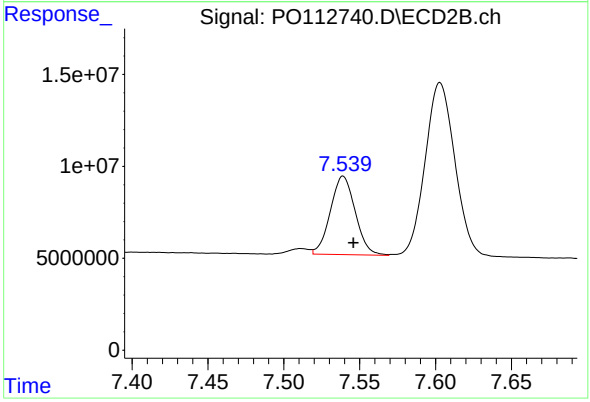
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: -0.007 min
Response: 239843064
Conc: 465.22 ng/ml



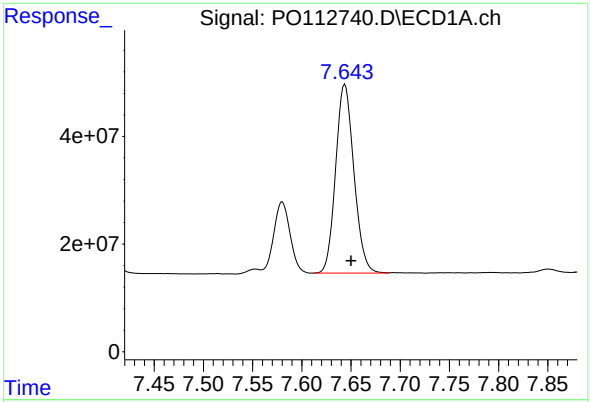
#38 AR-1262-3

R.T.: 7.580 min
Delta R.T.: -0.006 min
Response: 151287431
Conc: 256.31 ng/ml



#38 AR-1262-3

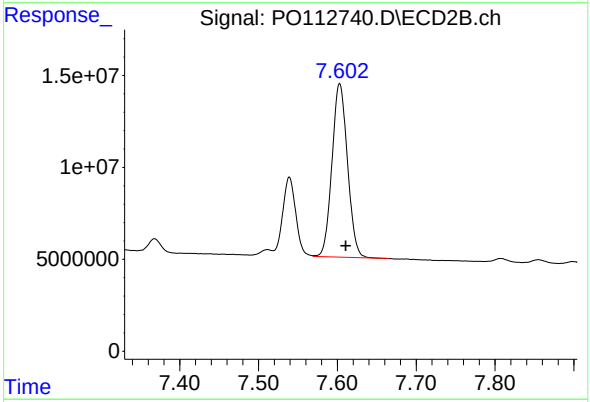
R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 48657990
Conc: 260.87 ng/ml



#39 AR-1262-4

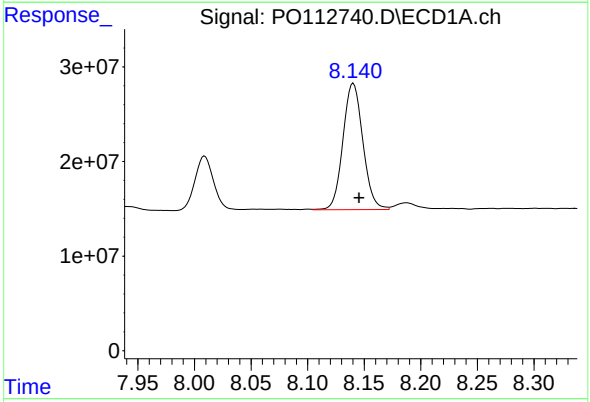
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 453480173
Conc: 456.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



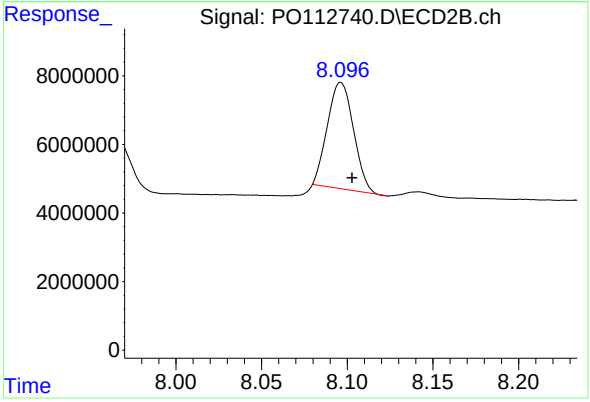
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 128816714
Conc: 447.12 ng/ml



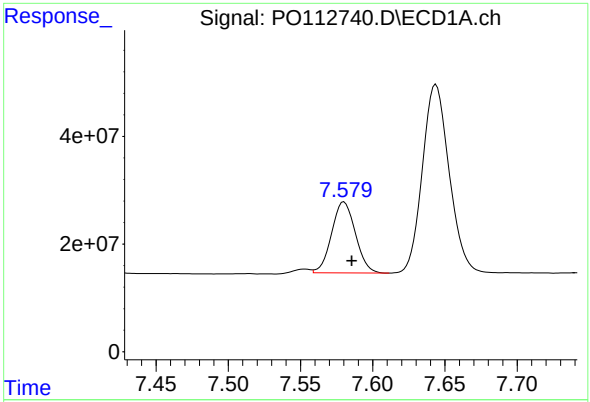
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 163679308
Conc: 377.09 ng/ml



#40 AR-1262-5

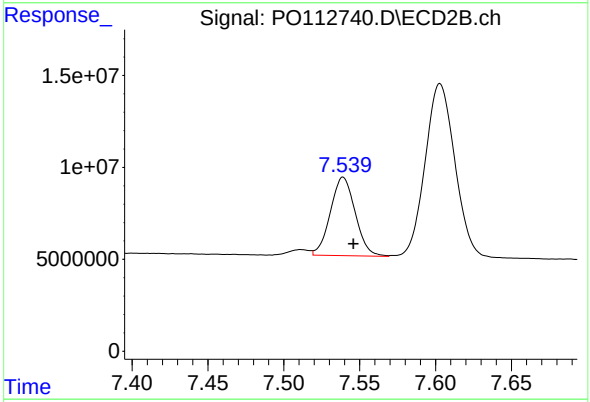
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 32817557
Conc: 329.81 ng/ml



#41 AR-1268-1

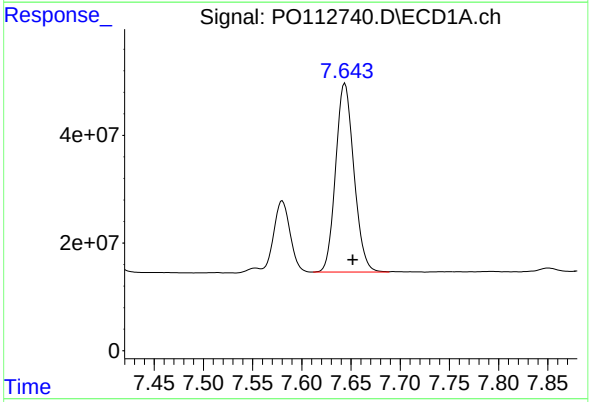
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 151287431
Conc: 86.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



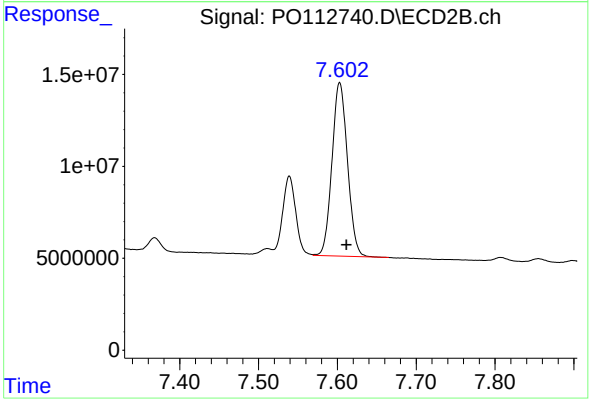
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 48657990
Conc: 93.96 ng/ml



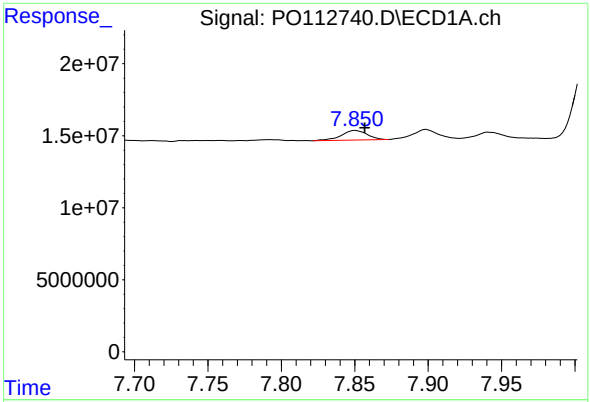
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.008 min
Response: 453480173
Conc: 307.86 ng/ml



#42 AR-1268-2

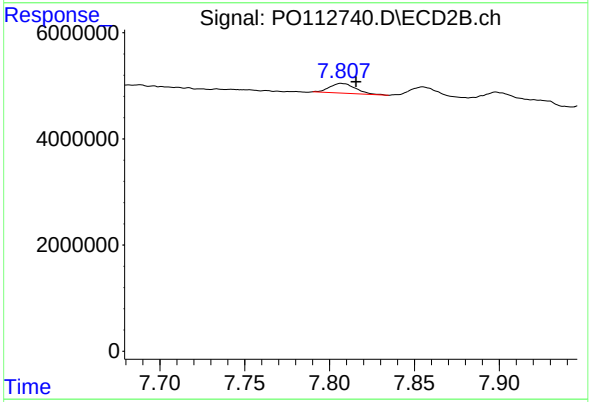
R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 128816714
Conc: 303.05 ng/ml



#43 AR-1268-3

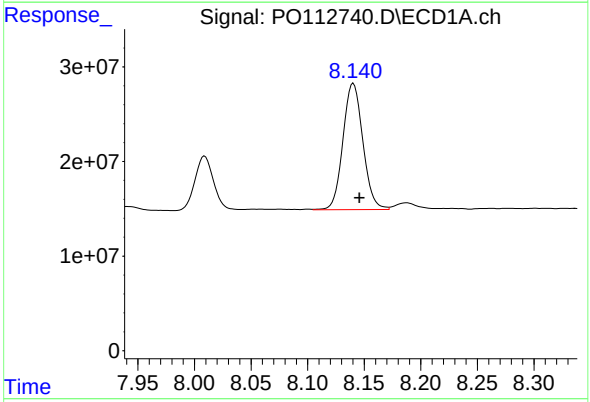
R.T.: 7.850 min
Delta R.T.: -0.006 min
Response: 8099882
Conc: 6.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



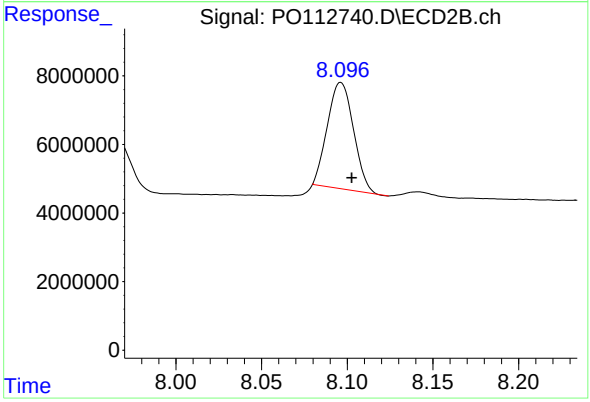
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: -0.008 min
Response: 1957073
Conc: 6.09 ng/ml



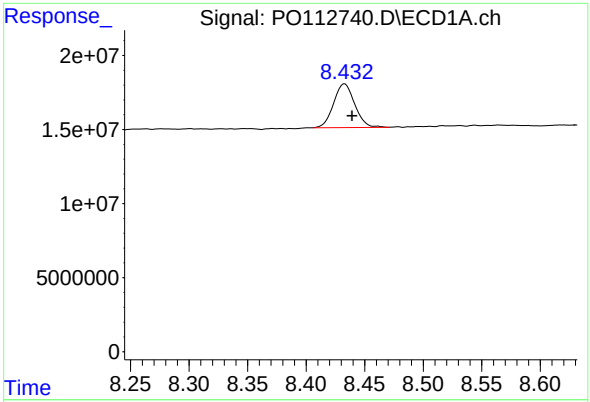
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 163679308
Conc: 339.68 ng/ml



#44 AR-1268-4

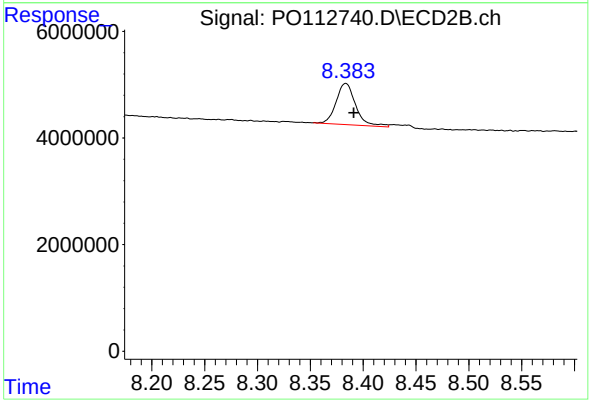
R.T.: 8.096 min
Delta R.T.: -0.006 min
Response: 32817557
Conc: 294.87 ng/ml



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.006 min
Response: 37148191
Conc: 11.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.384 min
Delta R.T.: -0.007 min
Response: 9911417
Conc: 13.55 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:28
Operator : YP/AJ
Sample : Q2747-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:06:54 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...	3.667	3.659	138.3E6	82471042	17.011	16.597	
2)	SA Decachlor...	8.687	8.633	138.4E6	35757195	18.931	20.235	
	Target Compounds							
3)	L1 AR-1016-1	4.738	4.723	1384953	960649	5.161	5.489	
4)	L1 AR-1016-2	4.777	4.753	6679074	1573980	16.446	6.042	#
5)	L1 AR-1016-3	4.831	4.930	9911689	2307080	37.878	16.968	#
6)	L1 AR-1016-4	4.954	4.974	3842817	2221641	18.140	20.000	
7)	L1 AR-1016-5	5.201	5.176	31993767	5552222	145.777	38.745	#
8)	L2 AR-1221-1	3.891	3.879	1261074	890780	13.047	13.243	
9)	L2 AR-1221-2	3.971	3.959	10249155	7972148	142.623	157.155	
10)	L2 AR-1221-3	4.021	4.036	325278	1286608	1.368	8.116	#
11)	L3 AR-1232-1	4.021	4.036	325278	1286608	1.740	10.167	#
12)	L3 AR-1232-2	4.529	4.753	8070684	1573980	74.989	12.001	#
13)	L3 AR-1232-3	4.777	4.930	6679074	2307080	32.297	34.333	
14)	L3 AR-1232-4	4.954	5.011	3842817	2845424	36.689	47.559	#
15)	L3 AR-1232-5	5.012	5.176	5901475	5552222	86.939	85.153	
16)	L4 AR-1242-1	4.738	4.723	1384953	960649	5.594	6.065	
17)	L4 AR-1242-2	4.777	4.753	6679074	1573980	18.062	6.736	#
18)	L4 AR-1242-3	4.831	4.930	9911689	2307080	41.882	19.037	#
19)	L4 AR-1242-4	4.954	5.011	3842817	2845424	19.780	23.183	
20)	L4 AR-1242-5	5.602	5.535	29026297	7418545	135.690	46.086	#
21)	L5 AR-1248-1	4.738	4.723	1384953	960649	7.398	7.906	
22)	L5 AR-1248-2	5.012	4.974	5901475	2221641	23.133	13.124	#
23)	L5 AR-1248-3	5.201	5.011	31993767	2845424	93.086	16.017	#
24)	L5 AR-1248-4	5.565	5.176	22724075	5552222	44.726	26.648	#
25)	L5 AR-1248-5	5.602	5.569	29026297	13420752	83.029	62.490	
26)	L6 AR-1254-1	5.565	5.535	22724075	7418545	41.395	22.575	#
27)	L6 AR-1254-2	5.706	5.677	60290449	16001560	124.075	55.275	#
28)	L6 AR-1254-3	6.104	6.077	17491623	15579450	23.501	36.446	#
29)	L6 AR-1254-4	6.312	6.279	60504206	13793919	110.067	50.534	#
30)	L6 AR-1254-5	6.756	6.721	16446289	3865046	23.235	11.571	#
31)	L7 AR-1260-1	6.250	6.212	74607755	48095519	169.821	193.535	
32)	L7 AR-1260-2	6.431	6.396	77209661	15366765	112.241	46.638	#
33)	L7 AR-1260-3	6.788	6.546	7089145	846624	12.056	3.295	#
34)	L7 AR-1260-4	7.069	7.020	17415794	603450	38.616	3.154	#
35)	L7 AR-1260-5	7.297	7.257	18310559	7653123	14.777	18.567	#
36)	L8 AR-1262-1	6.788	6.753	7089145	1389040	7.629	3.348	#
37)	L8 AR-1262-2	7.297	7.257	18310559	7653123	12.314	14.845	
38)	L8 AR-1262-3	7.608	7.548	46051065	5767857	78.019	30.923	#
39)	L8 AR-1262-4	7.645	7.600	30661591	6353163	30.842	22.052	#
40)	L8 AR-1262-5	8.135	8.094	16788953	69836	38.679	0.702	#
41)	L9 AR-1268-1	7.608	7.548	46051065	5767857	26.298	11.138	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:28
Operator : YP/AJ
Sample : Q2747-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:06:54 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	
42)	L9 AR-1268-2	7.645	7.600	30661591	6353163	20.815	14.946	#
43)	L9 AR-1268-3	7.845	7.803	25010640	475251	19.973	1.479	#
44)	L9 AR-1268-4	8.135	8.094	16788953	69836	34.842	0.627	#
45)	L9 AR-1268-5	8.440	8.383	4220008	1004803	1.257	1.373	

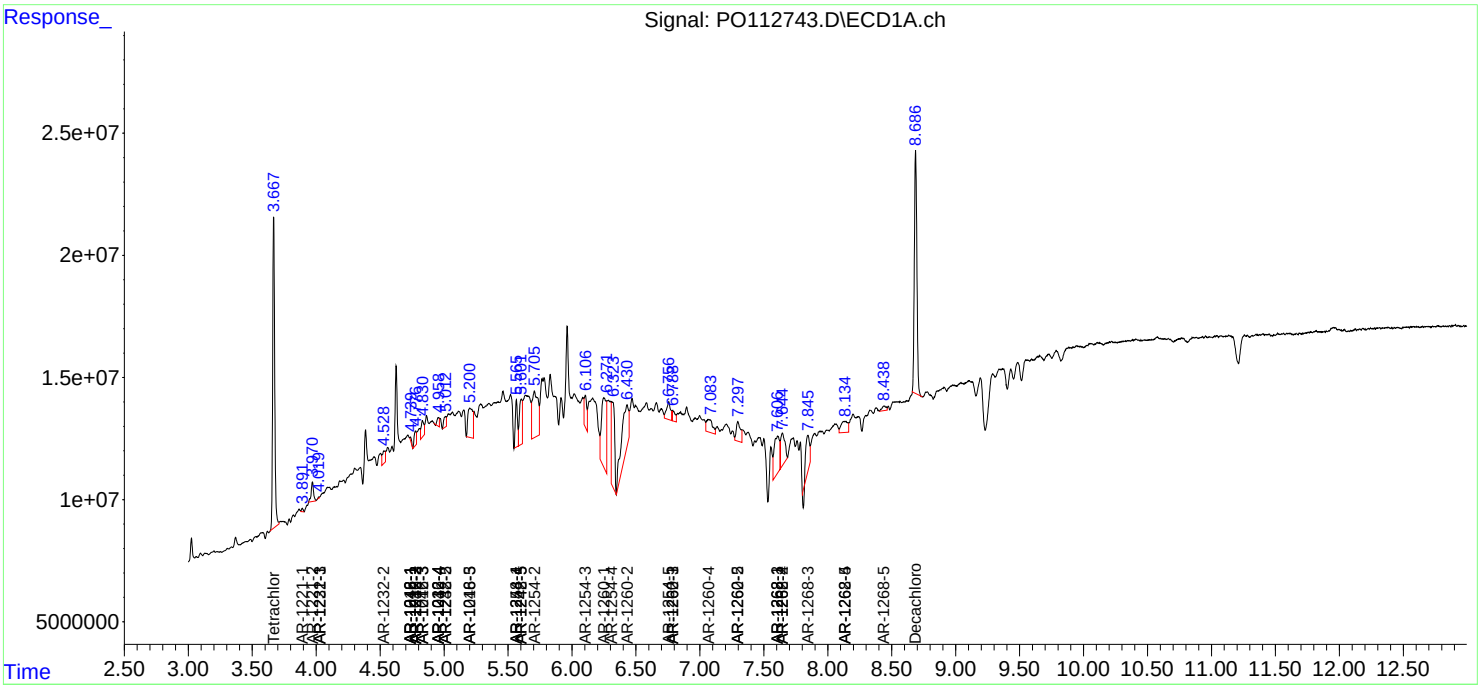
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

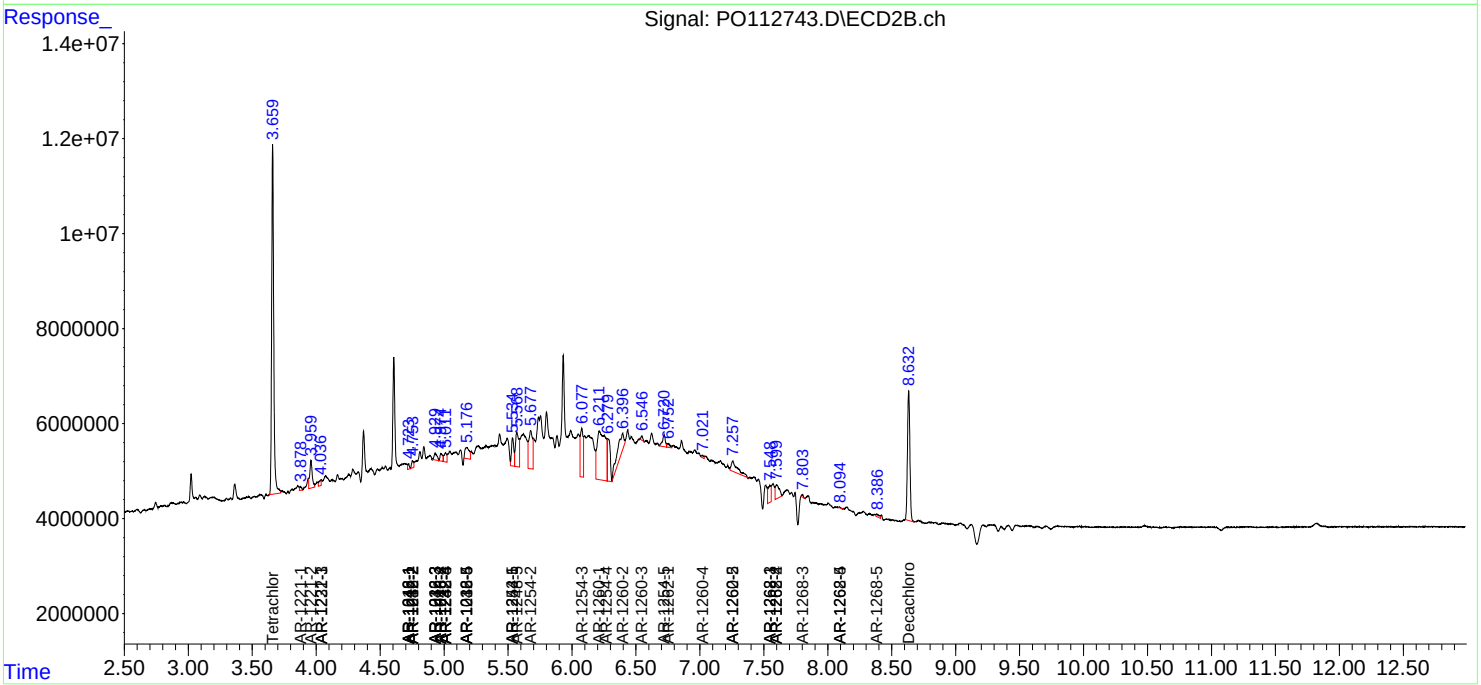
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 09:28
Operator : YP/AJ
Sample : Q2747-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

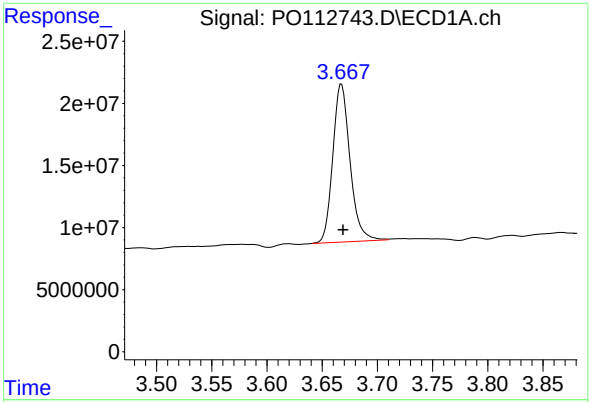
Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:06:54 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



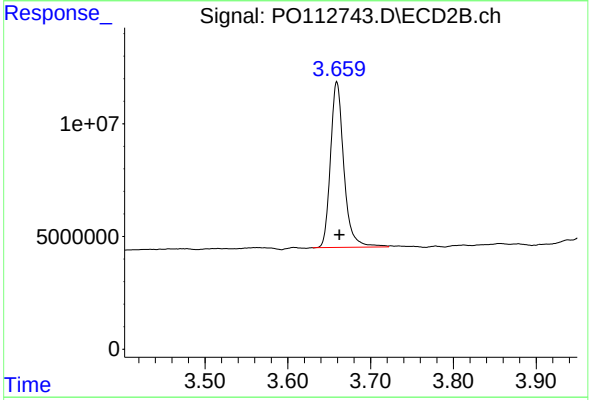




#1 Tetrachloro-m-xylene

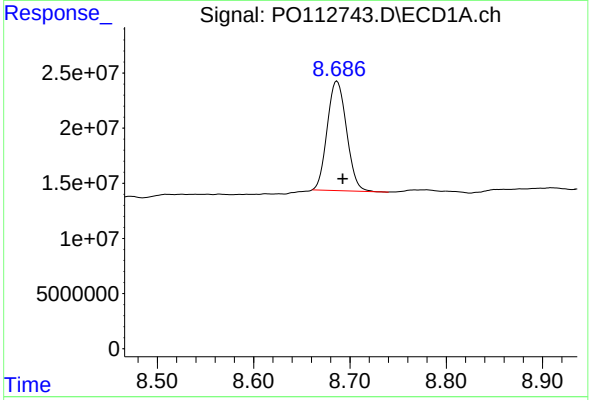
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 138327343
Conc: 17.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



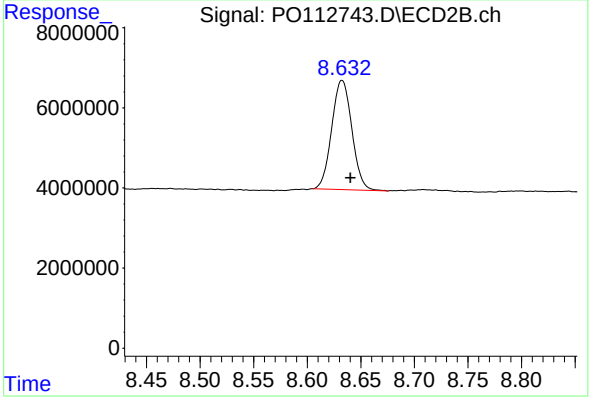
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 82471042
Conc: 16.60 ng/ml



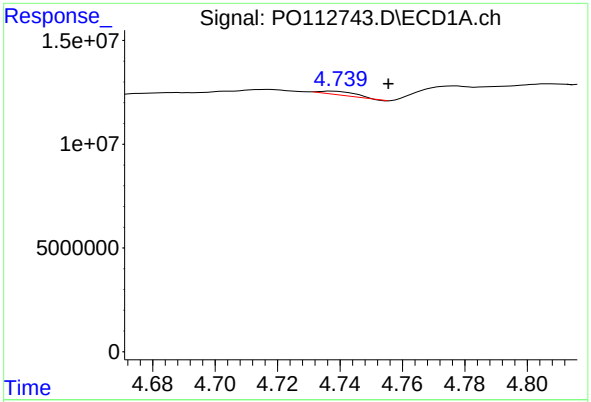
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 138423143
Conc: 18.93 ng/ml



#2 Decachlorobiphenyl

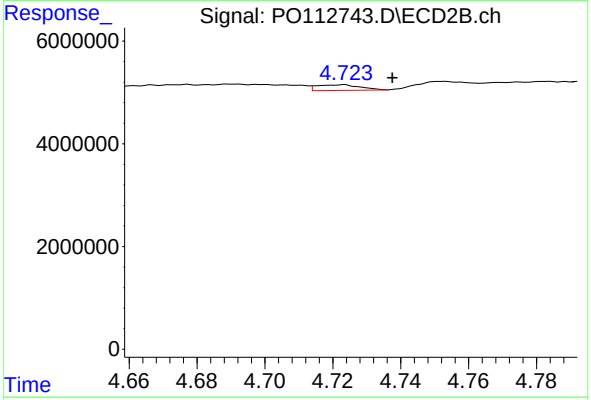
R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 35757195
Conc: 20.23 ng/ml



#3 AR-1016-1

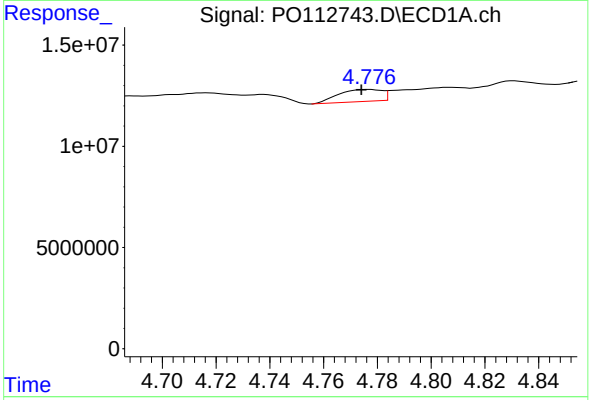
R.T.: 4.738 min
Delta R.T.: -0.018 min
Response: 1384953
Conc: 5.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



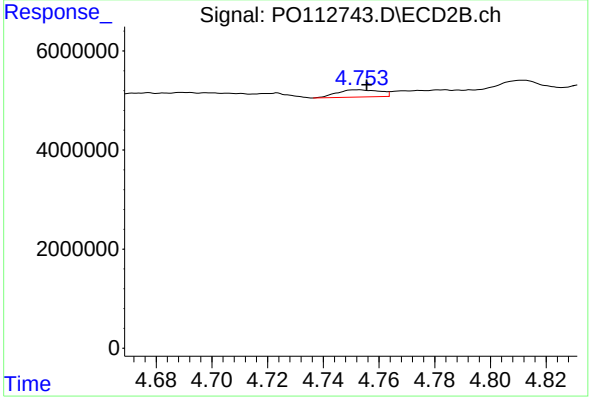
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 960649
Conc: 5.49 ng/ml



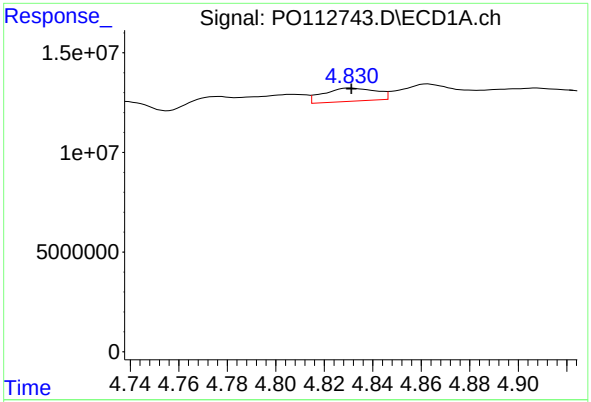
#4 AR-1016-2

R.T.: 4.777 min
Delta R.T.: 0.003 min
Response: 6679074
Conc: 16.45 ng/ml



#4 AR-1016-2

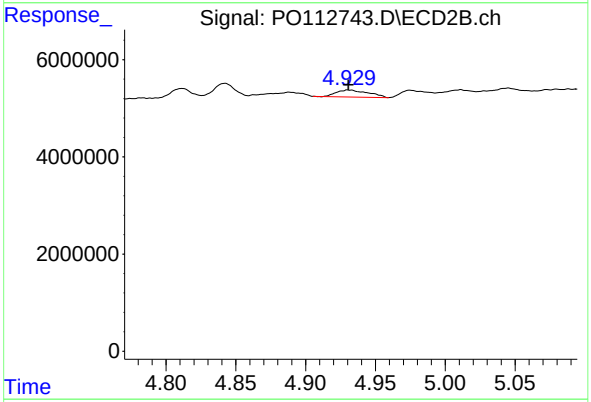
R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 1573980
Conc: 6.04 ng/ml



#5 AR-1016-3

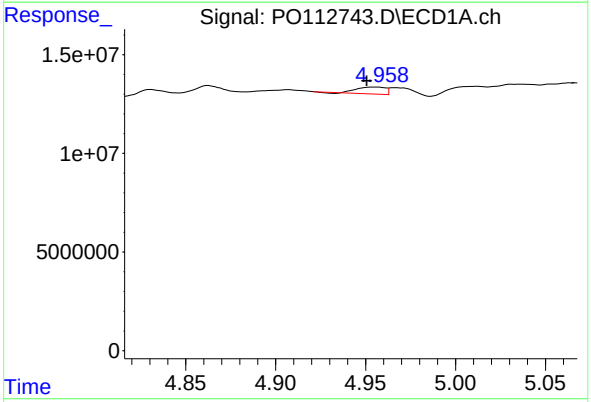
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 9911689
Conc: 37.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



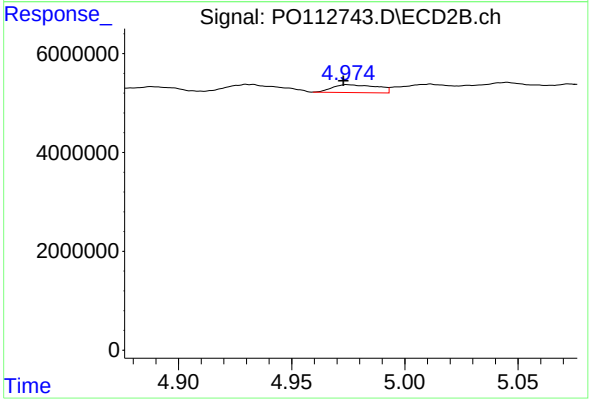
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 2307080
Conc: 16.97 ng/ml



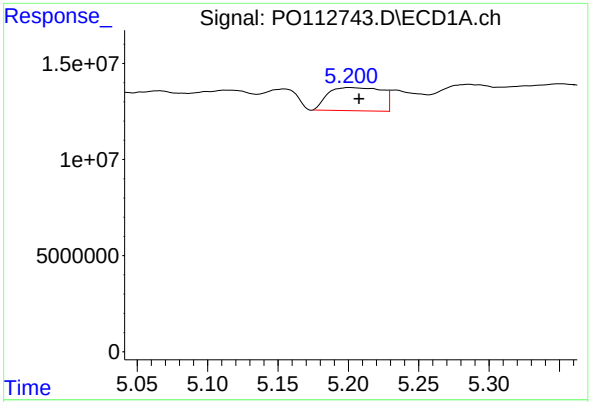
#6 AR-1016-4

R.T.: 4.954 min
Delta R.T.: 0.004 min
Response: 3842817
Conc: 18.14 ng/ml



#6 AR-1016-4

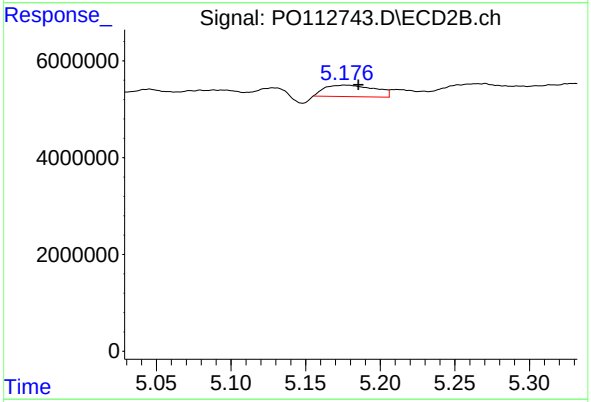
R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 2221641
Conc: 20.00 ng/ml



#7 AR-1016-5

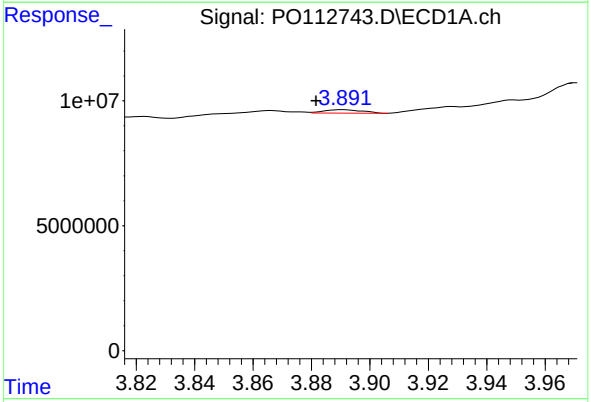
R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 31993767
Conc: 145.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



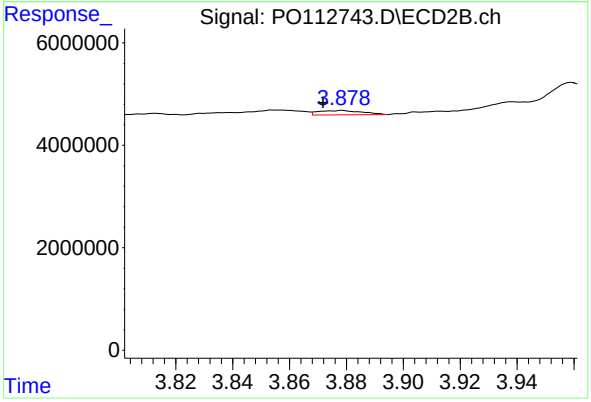
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: -0.009 min
Response: 5552222
Conc: 38.74 ng/ml



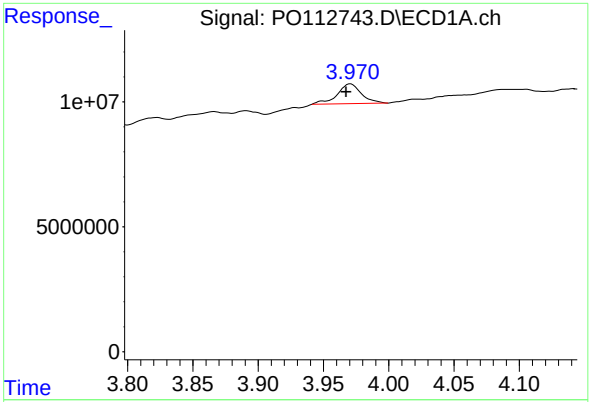
#8 AR-1221-1

R.T.: 3.891 min
Delta R.T.: 0.010 min
Response: 1261074
Conc: 13.05 ng/ml



#8 AR-1221-1

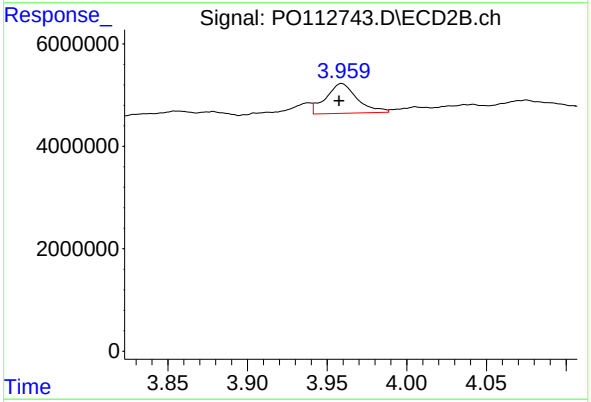
R.T.: 3.879 min
Delta R.T.: 0.007 min
Response: 890780
Conc: 13.24 ng/ml



#9 AR-1221-2

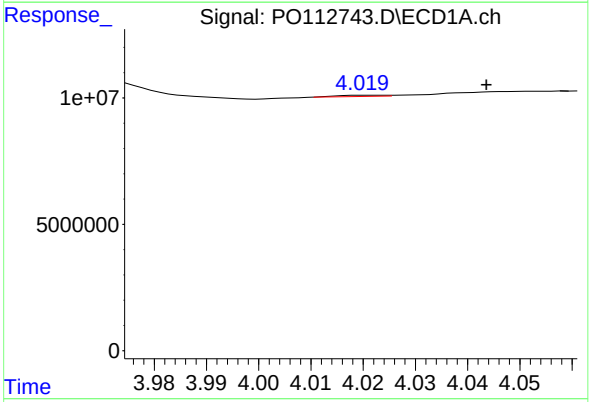
R.T.: 3.971 min
Delta R.T.: 0.003 min
Response: 10249155
Conc: 142.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



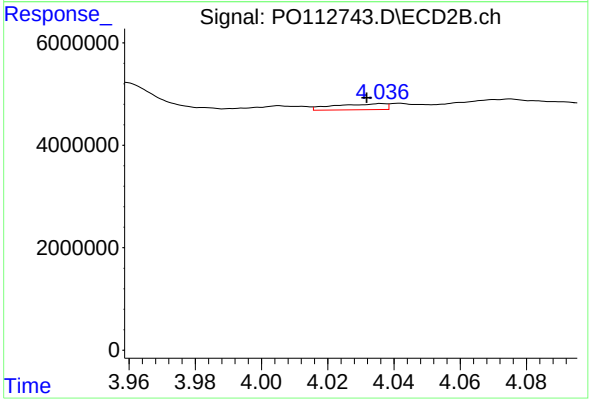
#9 AR-1221-2

R.T.: 3.959 min
Delta R.T.: 0.002 min
Response: 7972148
Conc: 157.15 ng/ml



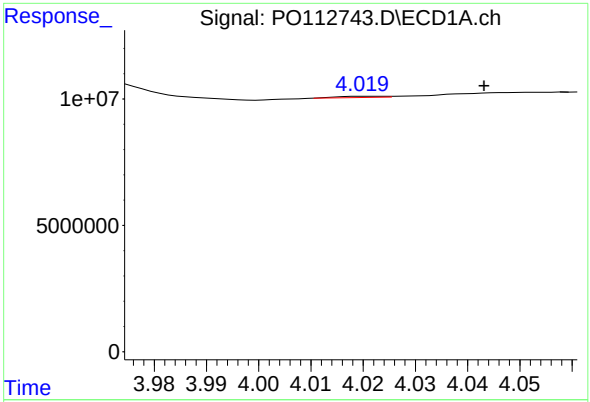
#10 AR-1221-3

R.T.: 4.021 min
Delta R.T.: -0.023 min
Response: 325278
Conc: 1.37 ng/ml



#10 AR-1221-3

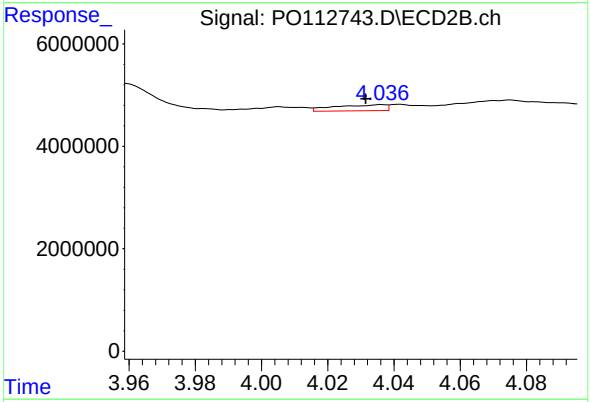
R.T.: 4.036 min
Delta R.T.: 0.005 min
Response: 1286608
Conc: 8.12 ng/ml



#11 AR-1232-1

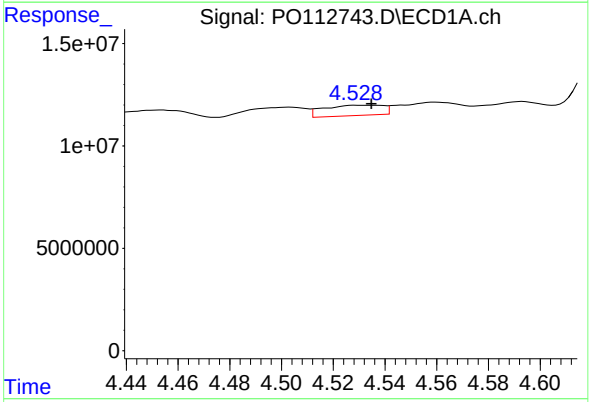
R.T.: 4.021 min
Delta R.T.: -0.022 min
Response: 325278
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



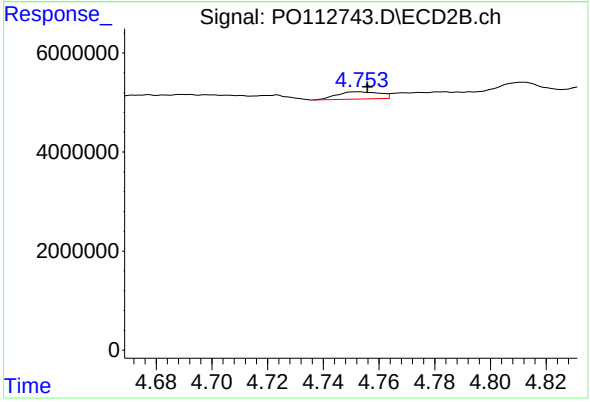
#11 AR-1232-1

R.T.: 4.036 min
Delta R.T.: 0.005 min
Response: 1286608
Conc: 10.17 ng/ml



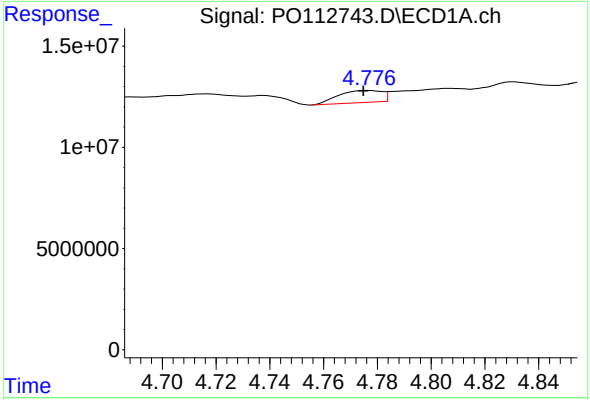
#12 AR-1232-2

R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 8070684
Conc: 74.99 ng/ml



#12 AR-1232-2

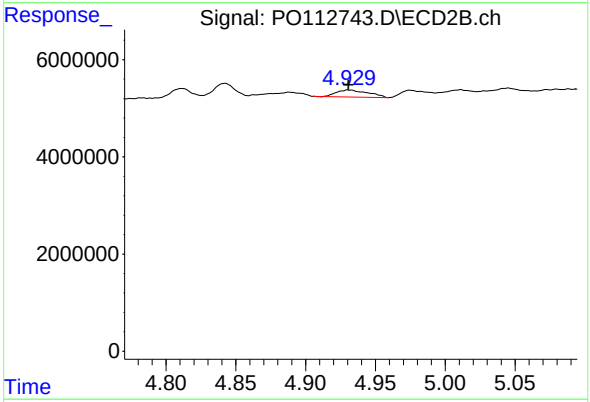
R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 1573980
Conc: 12.00 ng/ml



#13 AR-1232-3

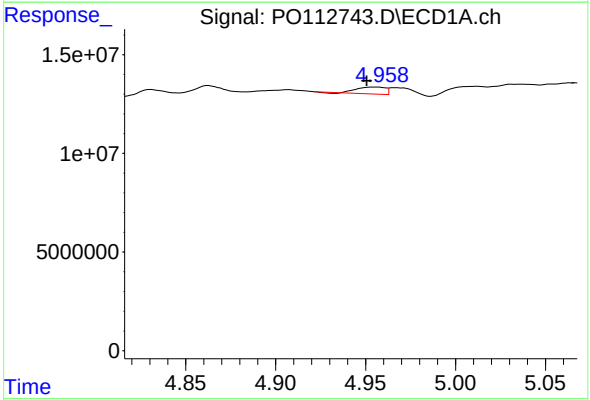
R.T.: 4.777 min
Delta R.T.: 0.002 min
Response: 6679074
Conc: 32.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



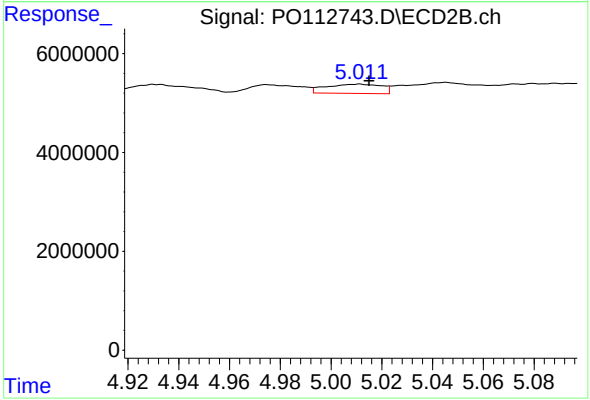
#13 AR-1232-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 2307080
Conc: 34.33 ng/ml



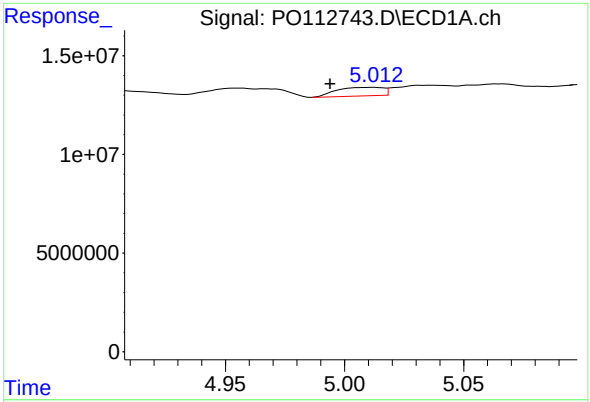
#14 AR-1232-4

R.T.: 4.954 min
Delta R.T.: 0.004 min
Response: 3842817
Conc: 36.69 ng/ml



#14 AR-1232-4

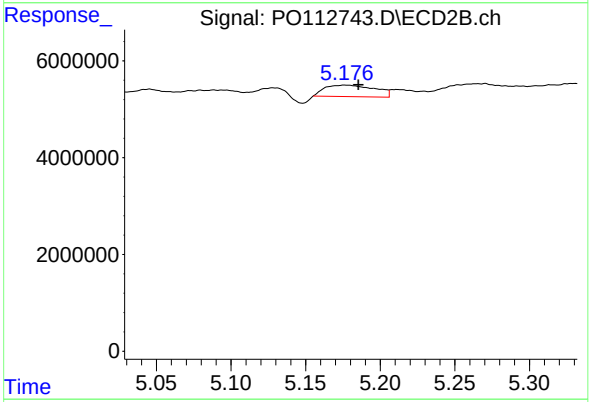
R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 2845424
Conc: 47.56 ng/ml



#15 AR-1232-5

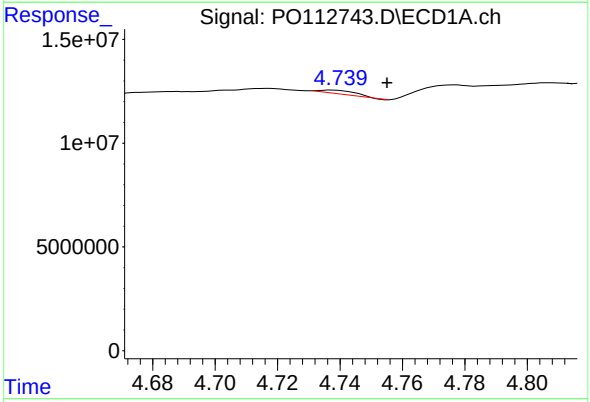
R.T.: 5.012 min
Delta R.T.: 0.019 min
Response: 5901475
Conc: 86.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



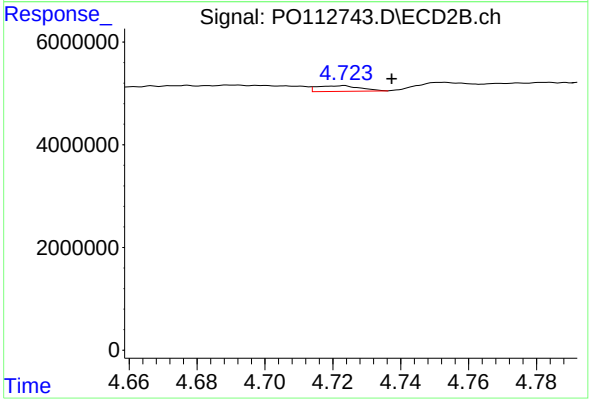
#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: -0.009 min
Response: 5552222
Conc: 85.15 ng/ml



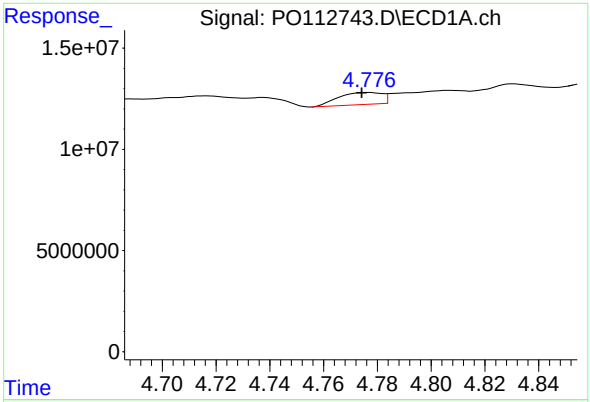
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: -0.017 min
Response: 1384953
Conc: 5.59 ng/ml



#16 AR-1242-1

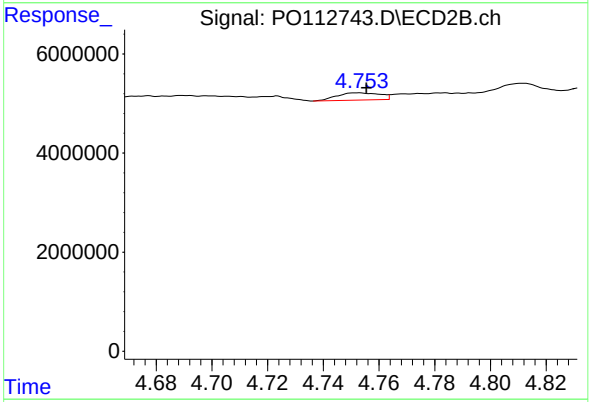
R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 960649
Conc: 6.06 ng/ml



#17 AR-1242-2

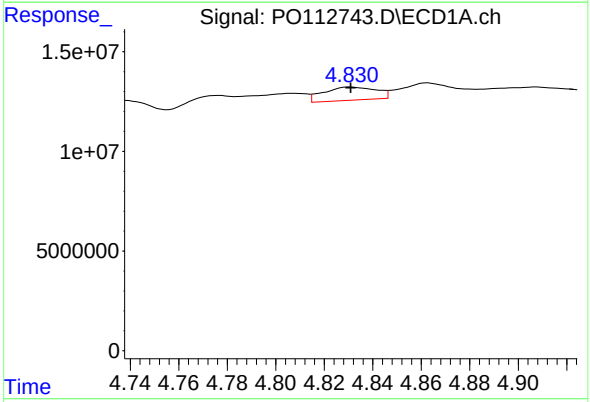
R.T.: 4.777 min
Delta R.T.: 0.003 min
Response: 6679074
Conc: 18.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



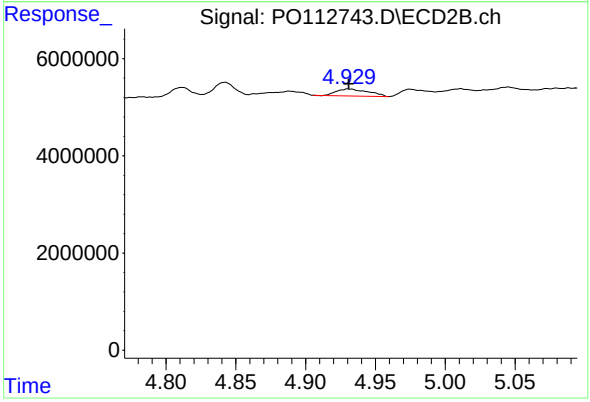
#17 AR-1242-2

R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 1573980
Conc: 6.74 ng/ml



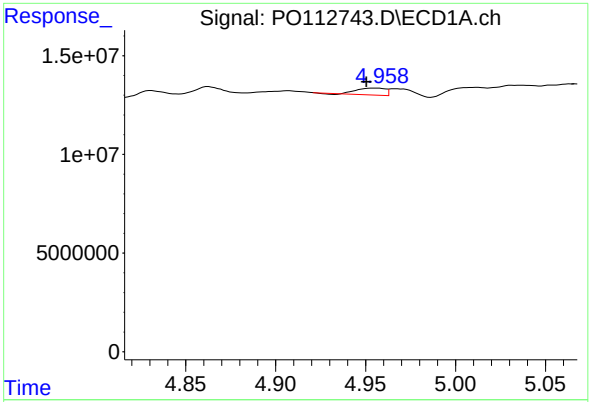
#18 AR-1242-3

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 9911689
Conc: 41.88 ng/ml



#18 AR-1242-3

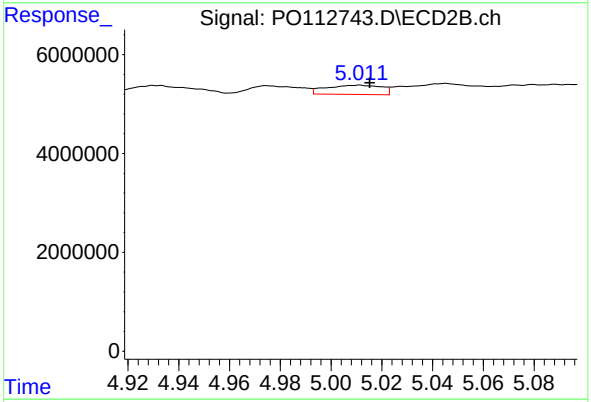
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 2307080
Conc: 19.04 ng/ml



#19 AR-1242-4

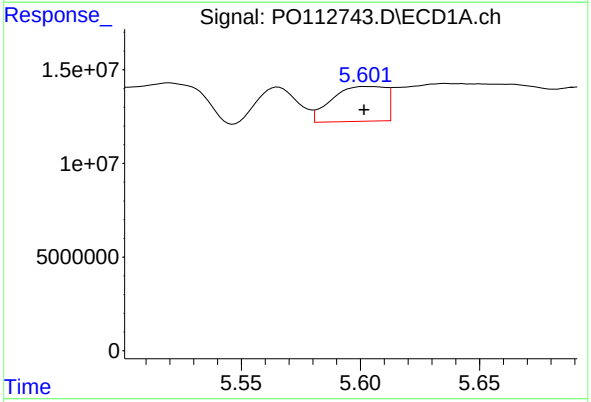
R.T.: 4.954 min
Delta R.T.: 0.004 min
Response: 3842817
Conc: 19.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



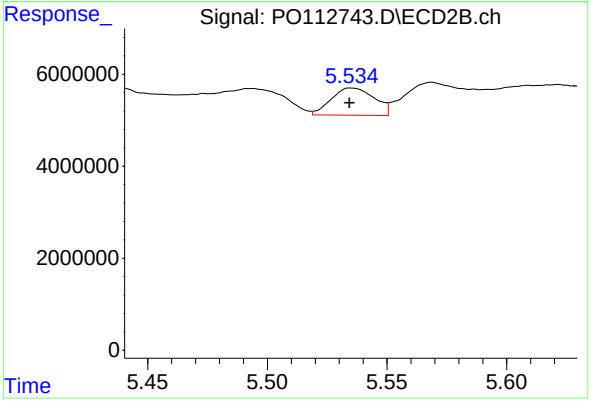
#19 AR-1242-4

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 2845424
Conc: 23.18 ng/ml



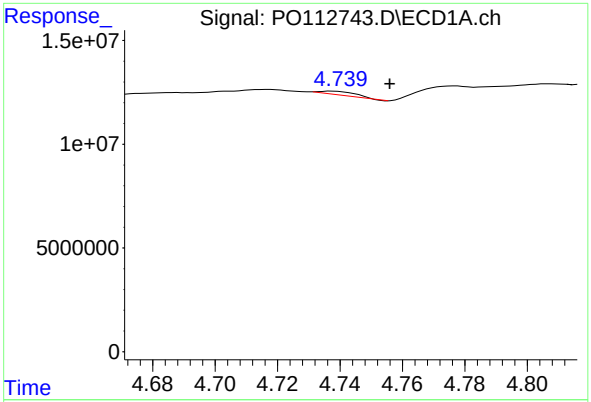
#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 29026297
Conc: 135.69 ng/ml



#20 AR-1242-5

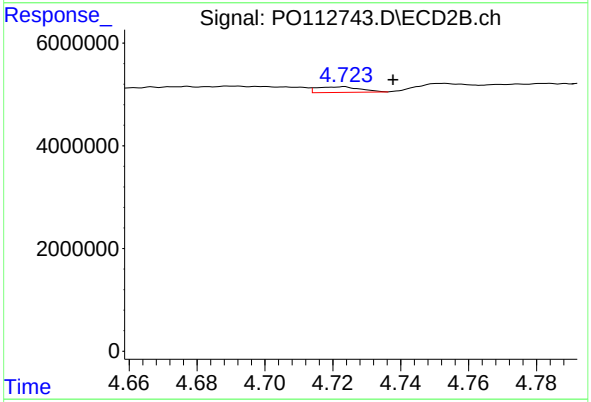
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 7418545
Conc: 46.09 ng/ml



#21 AR-1248-1

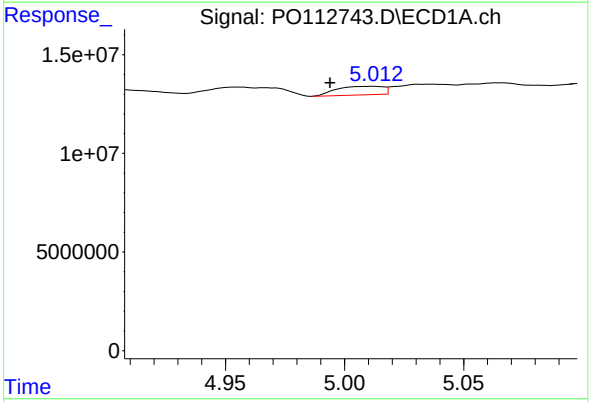
R.T.: 4.738 min
Delta R.T.: -0.018 min
Response: 1384953
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



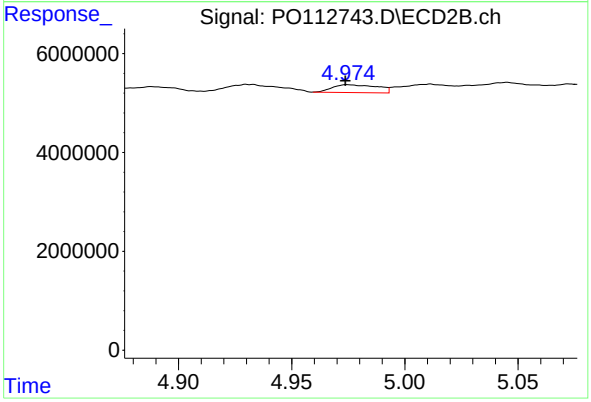
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 960649
Conc: 7.91 ng/ml



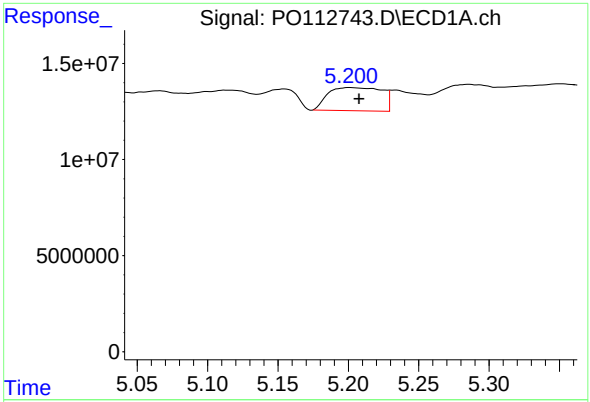
#22 AR-1248-2

R.T.: 5.012 min
Delta R.T.: 0.019 min
Response: 5901475
Conc: 23.13 ng/ml



#22 AR-1248-2

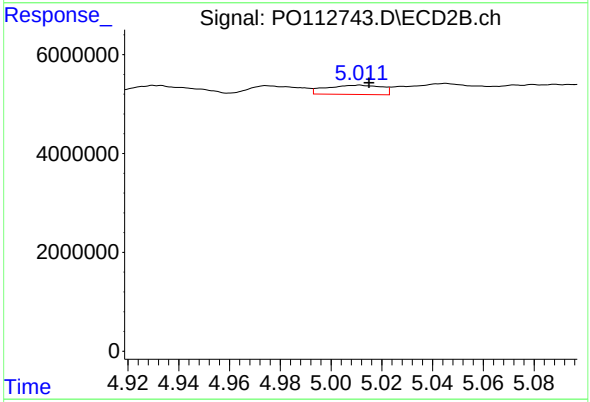
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 2221641
Conc: 13.12 ng/ml



#23 AR-1248-3

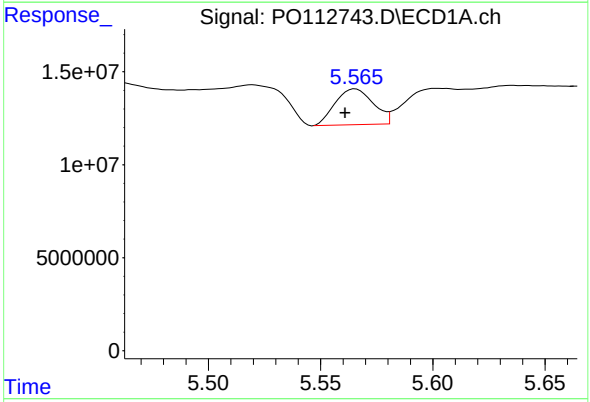
R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 31993767
Conc: 93.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



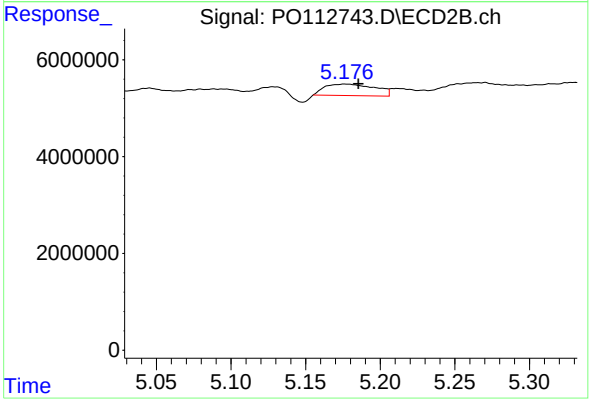
#23 AR-1248-3

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 2845424
Conc: 16.02 ng/ml



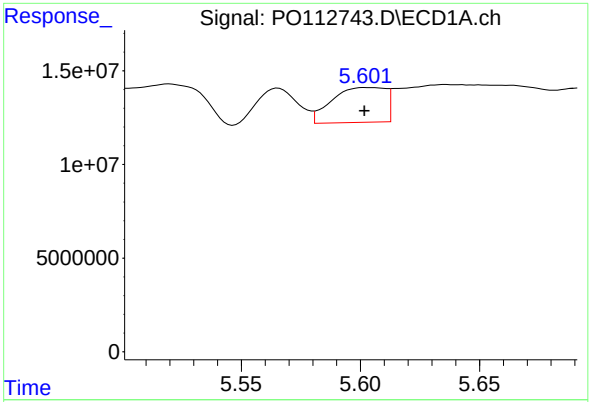
#24 AR-1248-4

R.T.: 5.565 min
Delta R.T.: 0.005 min
Response: 22724075
Conc: 44.73 ng/ml



#24 AR-1248-4

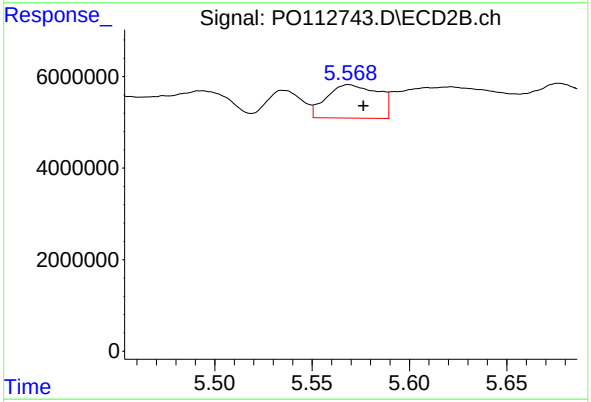
R.T.: 5.176 min
Delta R.T.: -0.009 min
Response: 5552222
Conc: 26.65 ng/ml



#25 AR-1248-5

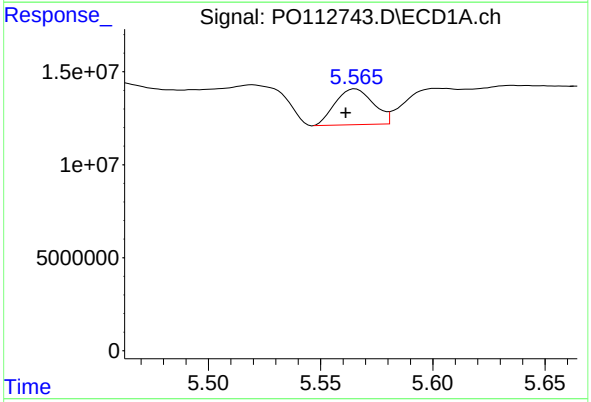
R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 29026297
Conc: 83.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



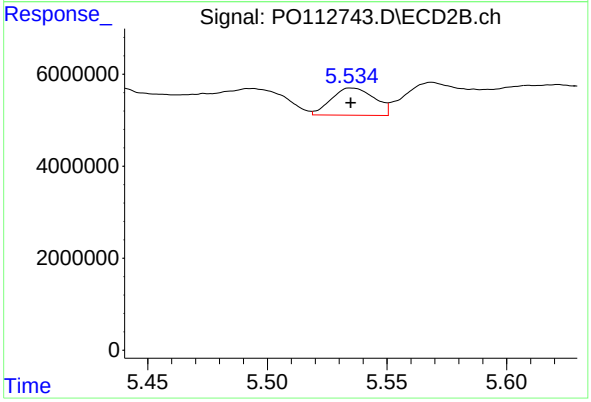
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: -0.008 min
Response: 13420752
Conc: 62.49 ng/ml



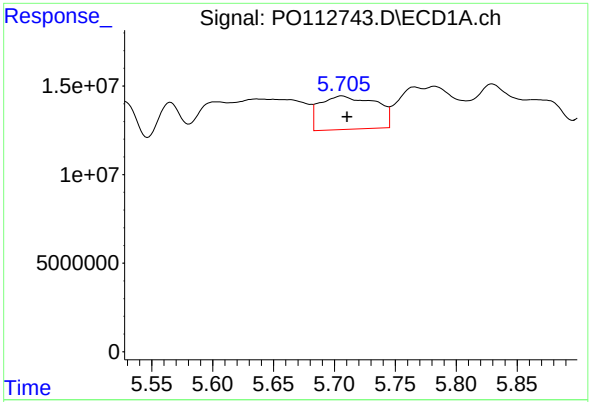
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 22724075
Conc: 41.39 ng/ml



#26 AR-1254-1

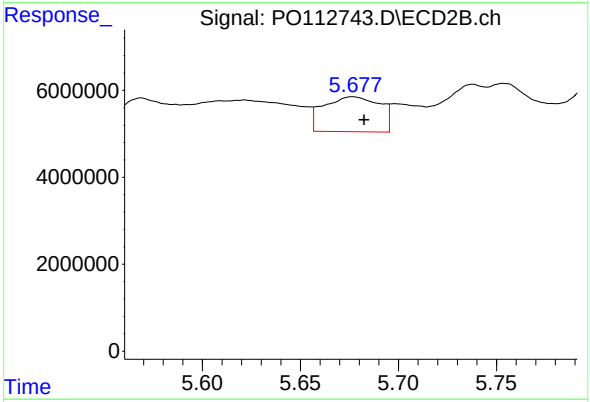
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 7418545
Conc: 22.57 ng/ml



#27 AR-1254-2

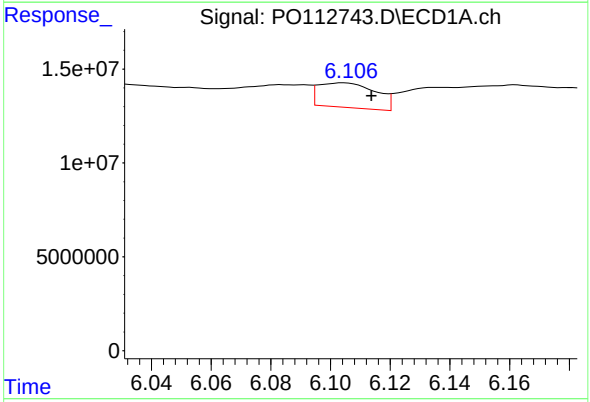
R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 60290449
Conc: 124.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



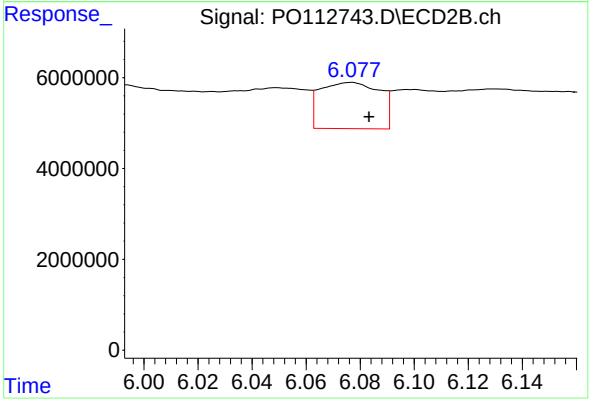
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 16001560
Conc: 55.27 ng/ml



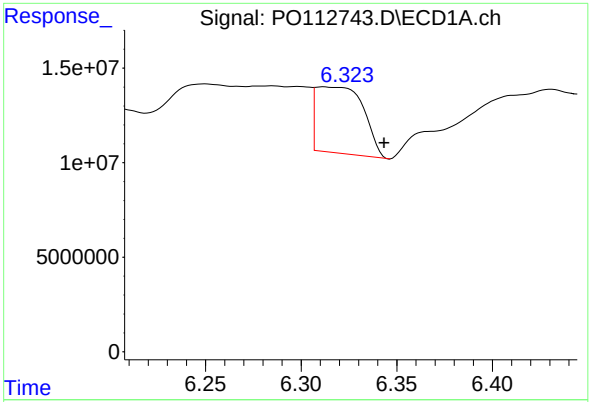
#28 AR-1254-3

R.T.: 6.104 min
Delta R.T.: -0.009 min
Response: 17491623
Conc: 23.50 ng/ml



#28 AR-1254-3

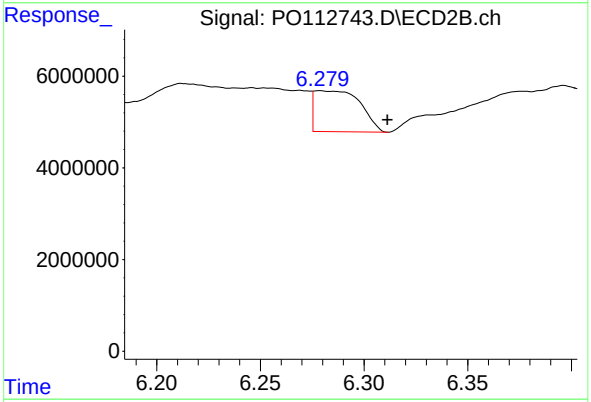
R.T.: 6.077 min
Delta R.T.: -0.007 min
Response: 15579450
Conc: 36.45 ng/ml



#29 AR-1254-4

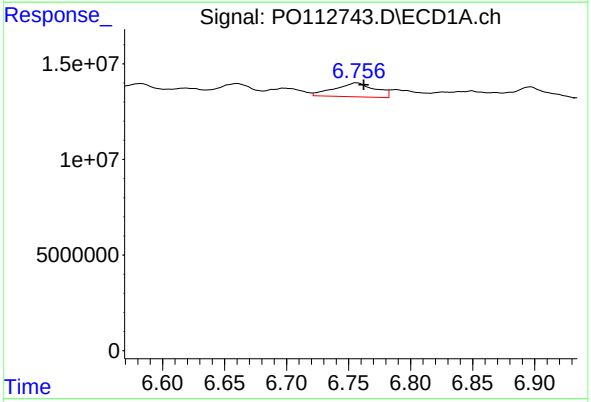
R.T.: 6.312 min
Delta R.T.: -0.031 min
Response: 60504206
Conc: 110.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



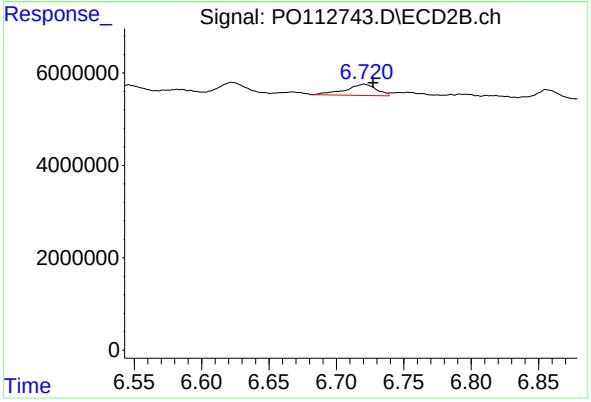
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.033 min
Response: 13793919
Conc: 50.53 ng/ml



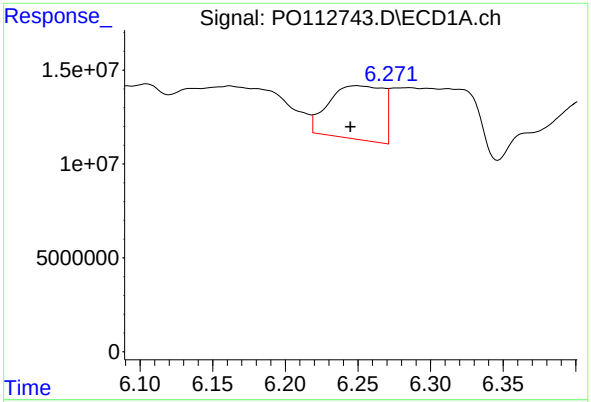
#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 16446289
Conc: 23.23 ng/ml



#30 AR-1254-5

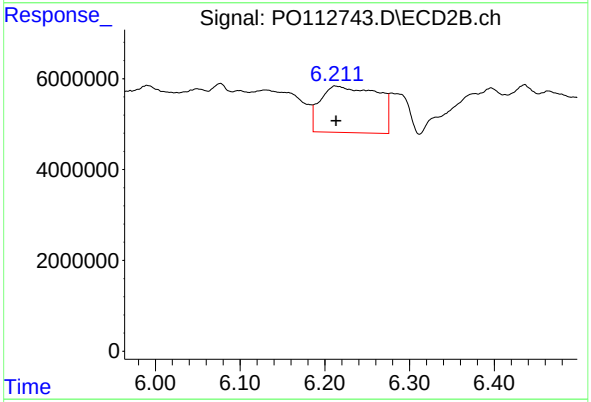
R.T.: 6.721 min
Delta R.T.: -0.007 min
Response: 3865046
Conc: 11.57 ng/ml



#31 AR-1260-1

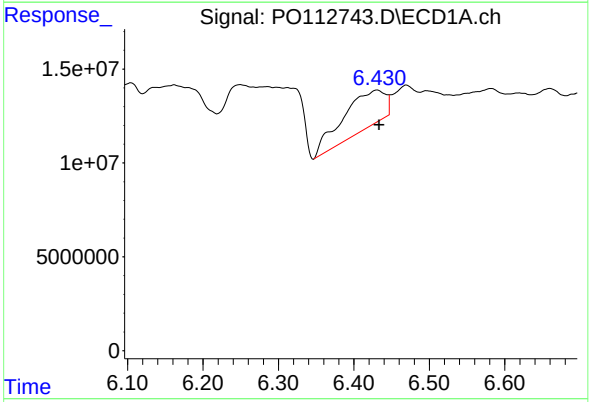
R.T.: 6.250 min
Delta R.T.: 0.005 min
Response: 74607755
Conc: 169.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



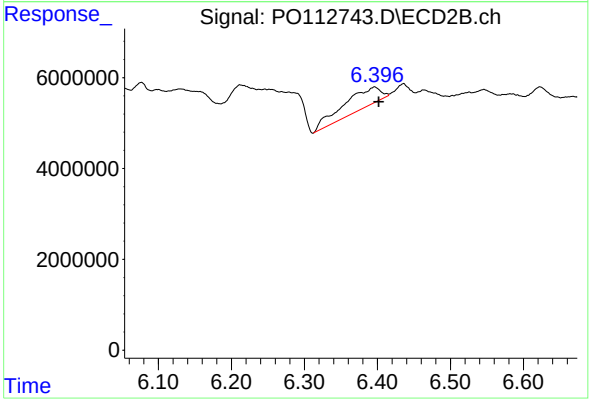
#31 AR-1260-1

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 48095519
Conc: 193.53 ng/ml



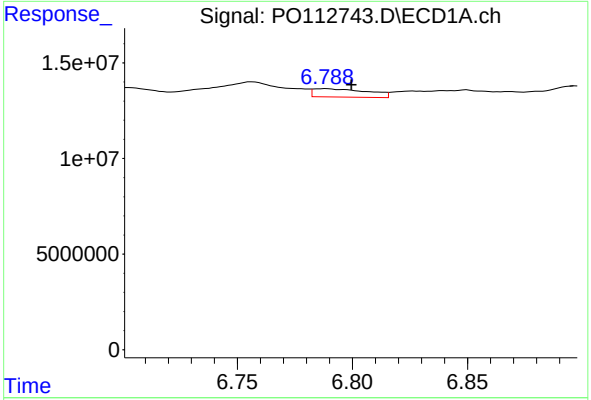
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.002 min
Response: 77209661
Conc: 112.24 ng/ml



#32 AR-1260-2

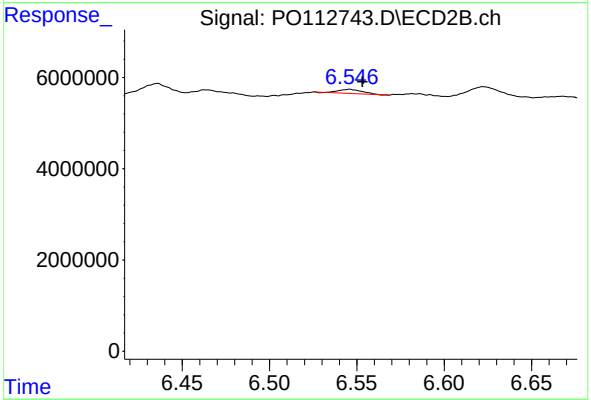
R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 15366765
Conc: 46.64 ng/ml



#33 AR-1260-3

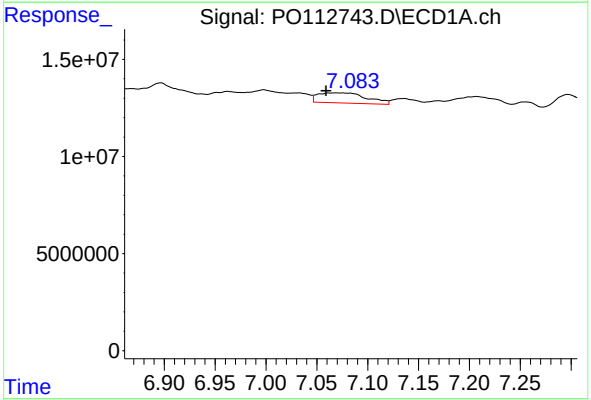
R.T.: 6.788 min
Delta R.T.: -0.011 min
Response: 7089145
Conc: 12.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



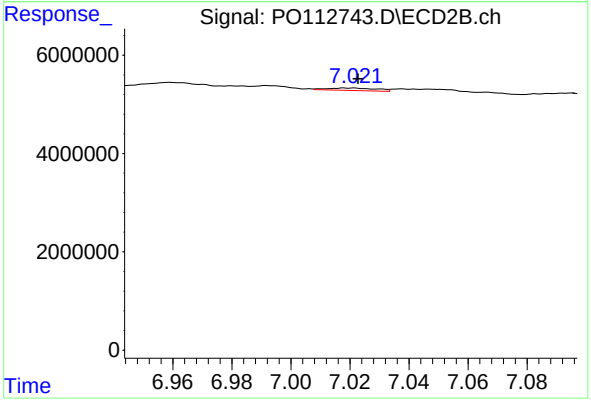
#33 AR-1260-3

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 846624
Conc: 3.30 ng/ml



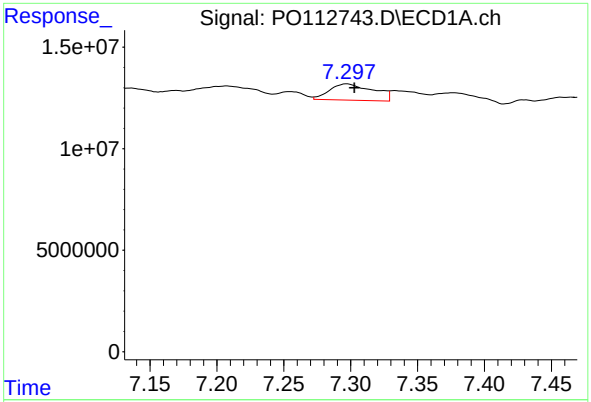
#34 AR-1260-4

R.T.: 7.069 min
Delta R.T.: 0.010 min
Response: 17415794
Conc: 38.62 ng/ml



#34 AR-1260-4

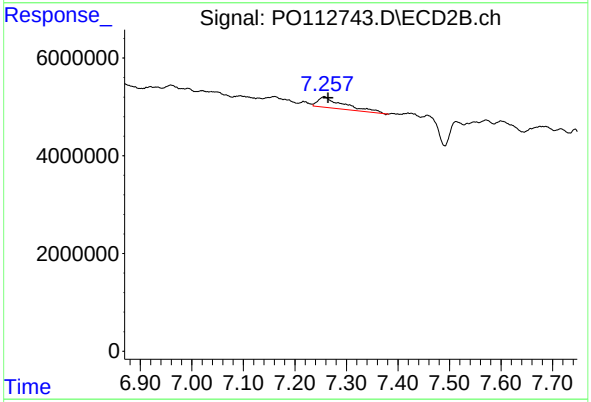
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 603450
Conc: 3.15 ng/ml



#35 AR-1260-5

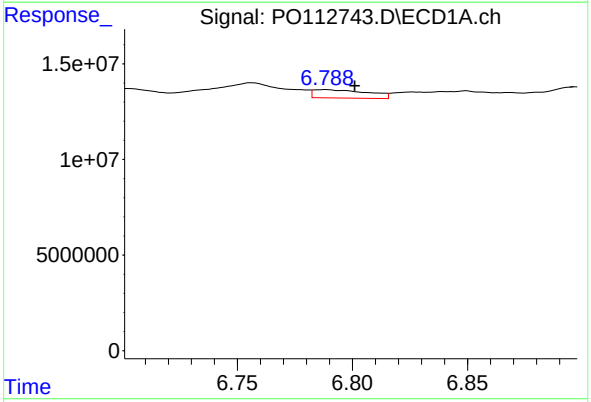
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 18310559
Conc: 14.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



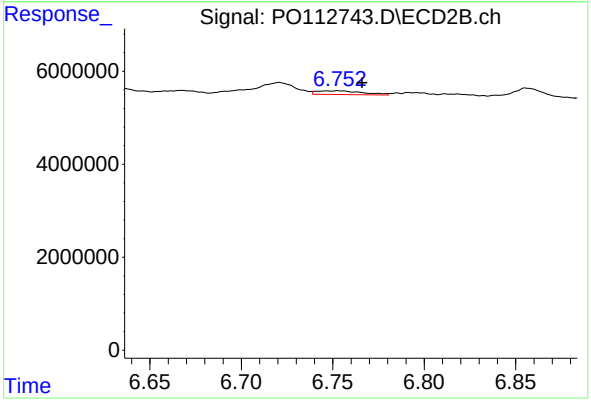
#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 7653123
Conc: 18.57 ng/ml



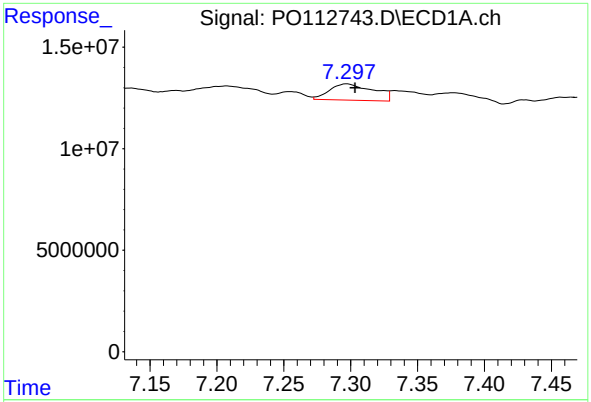
#36 AR-1262-1

R.T.: 6.788 min
Delta R.T.: -0.013 min
Response: 7089145
Conc: 7.63 ng/ml



#36 AR-1262-1

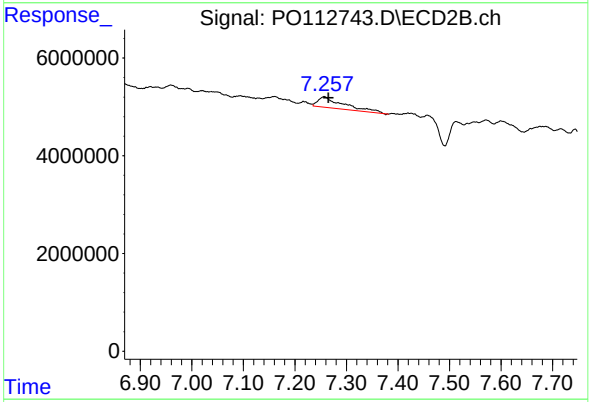
R.T.: 6.753 min
Delta R.T.: -0.013 min
Response: 1389040
Conc: 3.35 ng/ml



#37 AR-1262-2

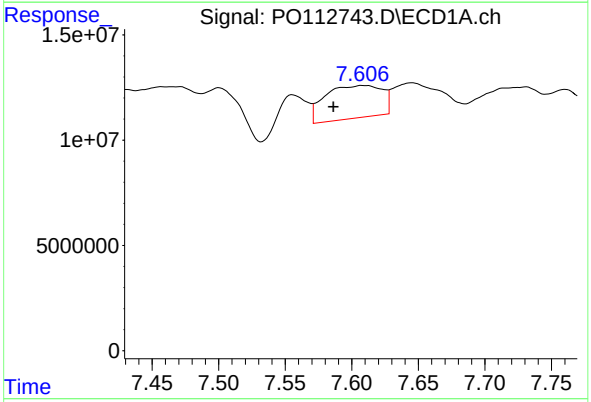
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 18310559
Conc: 12.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



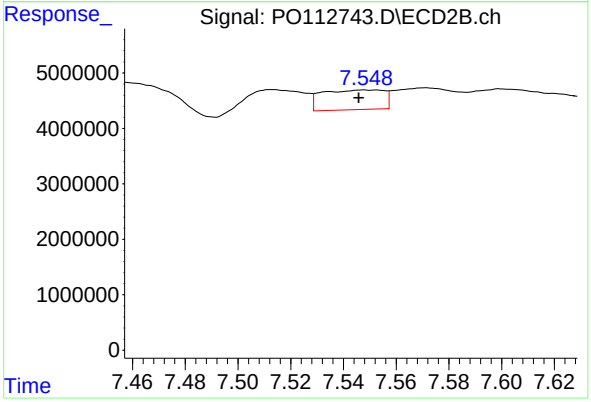
#37 AR-1262-2

R.T.: 7.257 min
Delta R.T.: -0.008 min
Response: 7653123
Conc: 14.84 ng/ml



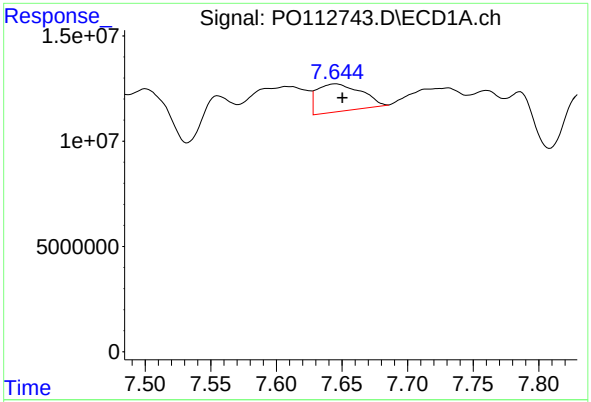
#38 AR-1262-3

R.T.: 7.608 min
Delta R.T.: 0.021 min
Response: 46051065
Conc: 78.02 ng/ml



#38 AR-1262-3

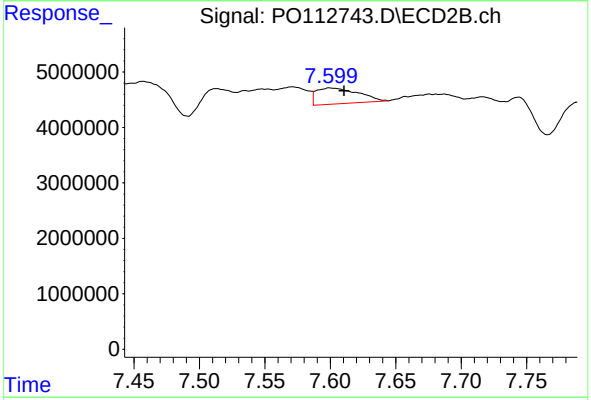
R.T.: 7.548 min
Delta R.T.: 0.002 min
Response: 5767857
Conc: 30.92 ng/ml



#39 AR-1262-4

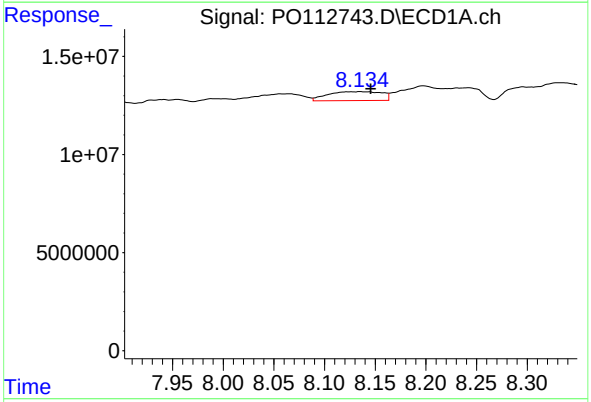
R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 30661591
Conc: 30.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



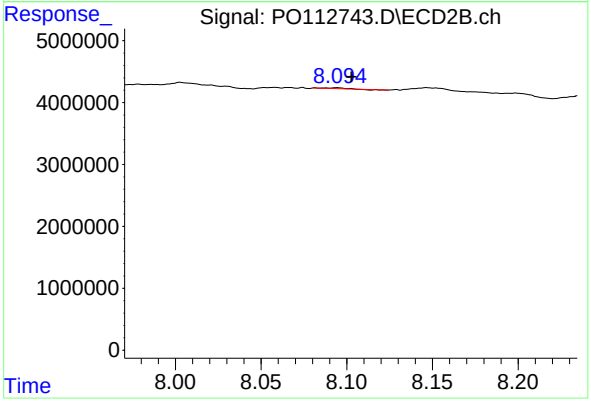
#39 AR-1262-4

R.T.: 7.600 min
Delta R.T.: -0.011 min
Response: 6353163
Conc: 22.05 ng/ml



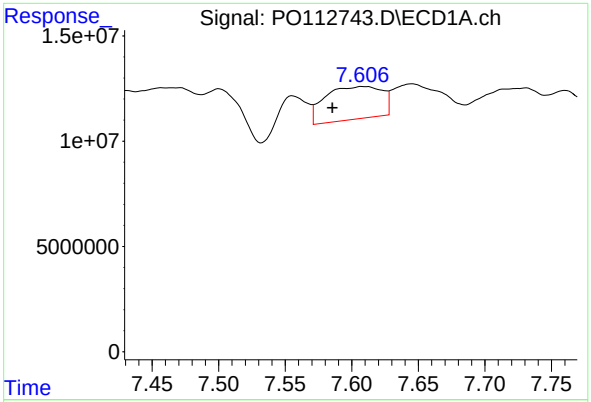
#40 AR-1262-5

R.T.: 8.135 min
Delta R.T.: -0.010 min
Response: 16788953
Conc: 38.68 ng/ml



#40 AR-1262-5

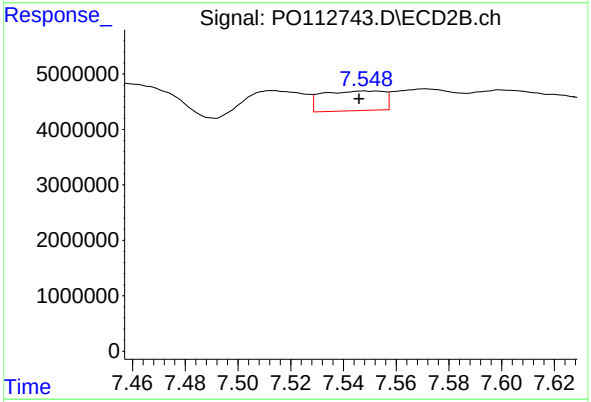
R.T.: 8.094 min
Delta R.T.: -0.008 min
Response: 69836
Conc: 0.70 ng/ml



#41 AR-1268-1

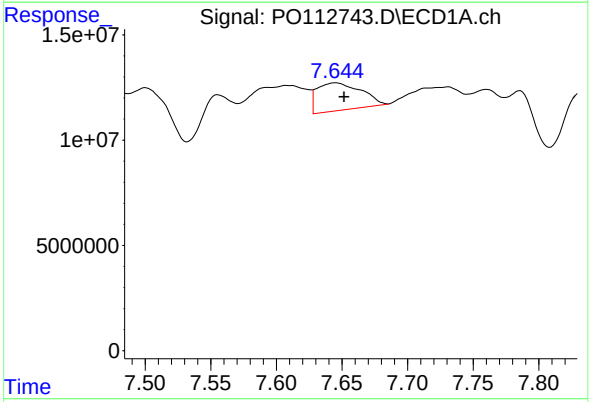
R.T.: 7.608 min
Delta R.T.: 0.022 min
Response: 46051065
Conc: 26.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



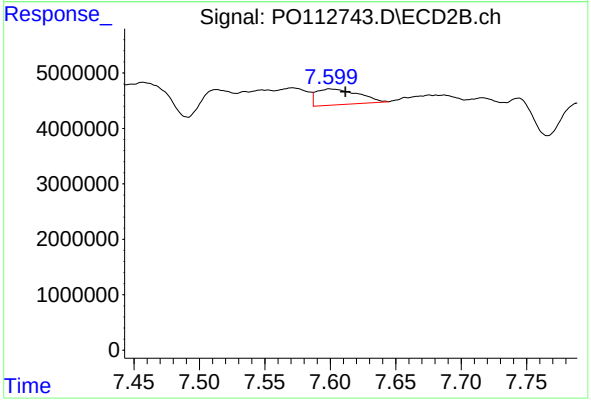
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: 0.002 min
Response: 5767857
Conc: 11.14 ng/ml



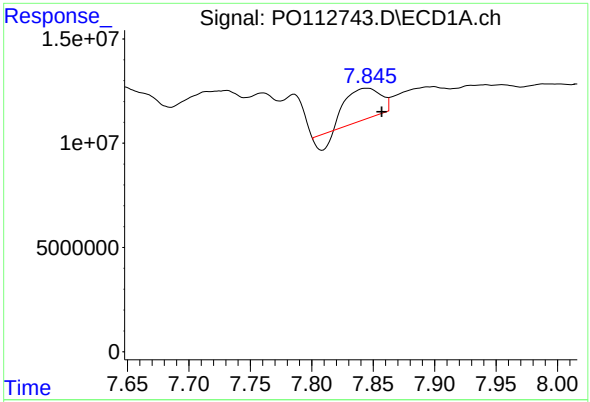
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 30661591
Conc: 20.82 ng/ml



#42 AR-1268-2

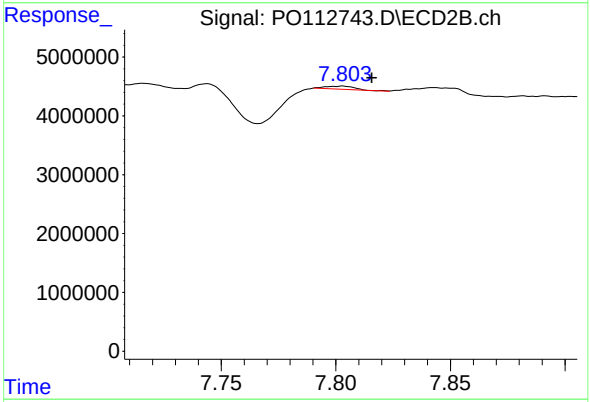
R.T.: 7.600 min
Delta R.T.: -0.012 min
Response: 6353163
Conc: 14.95 ng/ml



#43 AR-1268-3

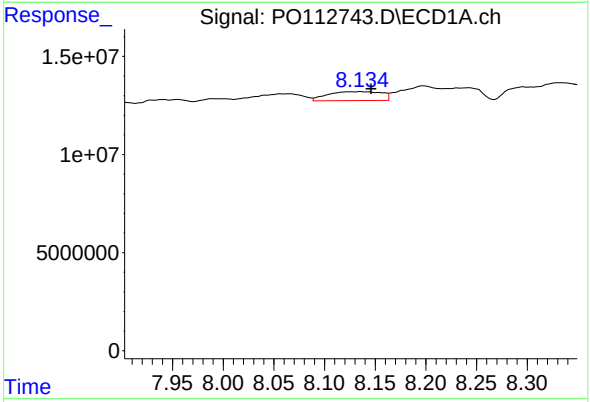
R.T.: 7.845 min
Delta R.T.: -0.011 min
Response: 25010640
Conc: 19.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



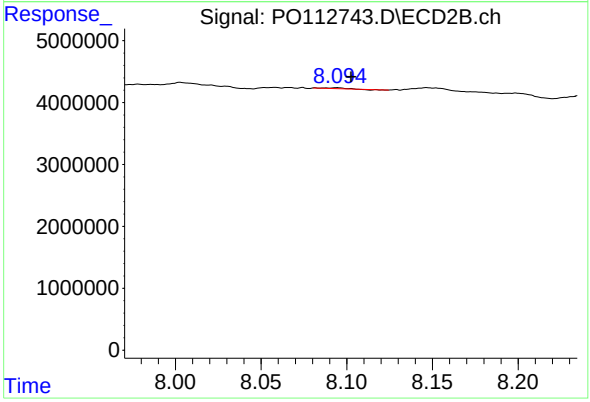
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.013 min
Response: 475251
Conc: 1.48 ng/ml



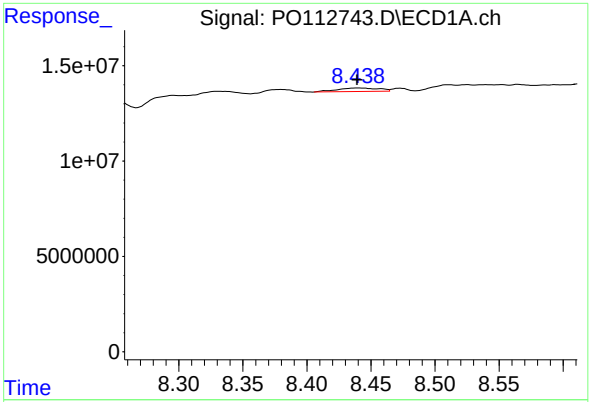
#44 AR-1268-4

R.T.: 8.135 min
Delta R.T.: -0.011 min
Response: 16788953
Conc: 34.84 ng/ml



#44 AR-1268-4

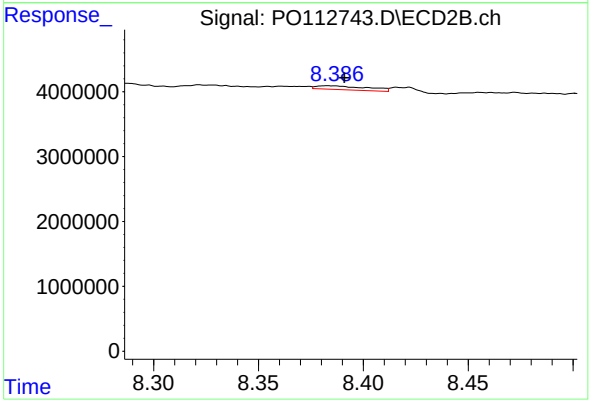
R.T.: 8.094 min
Delta R.T.: -0.008 min
Response: 69836
Conc: 0.63 ng/ml



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 4220008
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
OU4-TS-GRILLO-OG2-073125



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 1004803
Conc: 1.37 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:05
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 05 11:07:48 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...	3.667	3.659	395.6E6	229.6E6	48.649	46.197	
2)	SA Decachlor...	8.688	8.632	326.6E6	79983966	44.670	45.263	
	Target Compounds							
3)	L1 AR-1016-1	4.752	4.733	132.2E6	78380255	492.691	447.869	
4)	L1 AR-1016-2	4.770	4.751	196.9E6	115.9E6	484.827	445.065	
5)	L1 AR-1016-3	4.828	4.926	125.7E6	59618151	480.471	438.477	
6)	L1 AR-1016-4	4.947	4.968	101.7E6	49235193	480.164	443.222	
7)	L1 AR-1016-5	5.204	5.180	108.6E6	64202669	494.700	448.020	
8)	L2 AR-1221-1	3.878	3.866	11473942	7776201	118.705	115.604	
9)	L2 AR-1221-2	3.965	3.953	16766942	11771270	233.321	232.047	
10)	L2 AR-1221-3	4.040	4.028	65140129	42761915	274.031	269.741	
11)	L3 AR-1232-1	4.040	4.028	65140129	42761915	348.383	337.905	
12)	L3 AR-1232-2	4.531	4.751	99366107	115.9E6	923.265	883.973	
13)	L3 AR-1232-3	4.770	4.926	196.9E6	59618151	952.115	887.217	
14)	L3 AR-1232-4	4.947	5.010	101.7E6	58897992	971.151	984.437	
15)	L3 AR-1232-5	4.990	5.180	79718747	64202669	1174.392	984.658	
16)	L4 AR-1242-1	4.752	4.733	132.2E6	78380255	534.030	494.843	
17)	L4 AR-1242-2	4.770	4.751	196.9E6	115.9E6	532.450	496.166	
18)	L4 AR-1242-3	4.828	4.926	125.7E6	59618151	531.260	491.943	
19)	L4 AR-1242-4	4.947	5.010	101.7E6	58897992	523.571	479.862	
20)	L4 AR-1242-5	5.598	5.530	30611900	66664461	143.103	414.139	#
21)	L5 AR-1248-1	4.752	4.733	132.2E6	78380255	706.279	645.056	
22)	L5 AR-1248-2	4.990	4.968	79718747	49235193	312.485	290.851	
23)	L5 AR-1248-3	5.204	5.010	108.6E6	58897992	315.891	331.545	
24)	L5 AR-1248-4	5.557	5.180	116.5E6	64202669	229.247	308.141	#
25)	L5 AR-1248-5	5.598	5.570	30611900	18291813	87.565	85.171	
26)	L6 AR-1254-1	5.557	5.530	116.5E6	66664461	212.175	202.861	
27)	L6 AR-1254-2	5.706	5.678	87342605	49032508	179.747	169.375	
28)	L6 AR-1254-3	6.125	6.093	166.8E6	90813772	224.159	212.449	
29)	L6 AR-1254-4	6.339	6.306	24264489	11961532	44.141	43.821	
30)	L6 AR-1254-5	6.757	6.721	298.5E6	137.0E6	421.776	410.192	
31)	L7 AR-1260-1	6.241	6.208	210.9E6	113.5E6	480.105	456.836	
32)	L7 AR-1260-2	6.430	6.396	323.3E6	150.7E6	469.923	457.415	
33)	L7 AR-1260-3	6.796	6.548	292.9E6	119.6E6	498.062	465.690	
34)	L7 AR-1260-4	7.055	7.017	211.7E6	90360893	469.496	472.325	
35)	L7 AR-1260-5	7.298	7.259	580.0E6	200.0E6	468.045	485.128	
36)	L8 AR-1262-1	6.796	6.760	292.9E6	130.2E6	315.182	313.930	
37)	L8 AR-1262-2	7.298	7.259	580.0E6	200.0E6	390.024	387.874	
38)	L8 AR-1262-3	7.580	7.539	125.1E6	41804191	212.012	224.121	
39)	L8 AR-1262-4	7.644	7.603	368.8E6	111.6E6	371.008	387.236	
40)	L8 AR-1262-5	8.140	8.096	132.1E6	27178057	304.427	273.137	
41)	L9 AR-1268-1	7.580	7.539	125.1E6	41804191	71.462	80.725	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:05
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 05 11:07:48 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	368.8E6	111.6E6	250.399	262.464
43) L9	AR-1268-3	7.851	7.808	5807253	1539033	4.638	4.791
44) L9	AR-1268-4	8.140	8.096	132.1E6	27178057	274.226	244.197
45) L9	AR-1268-5	8.433	8.383	30612887	7618312	9.119	10.411

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

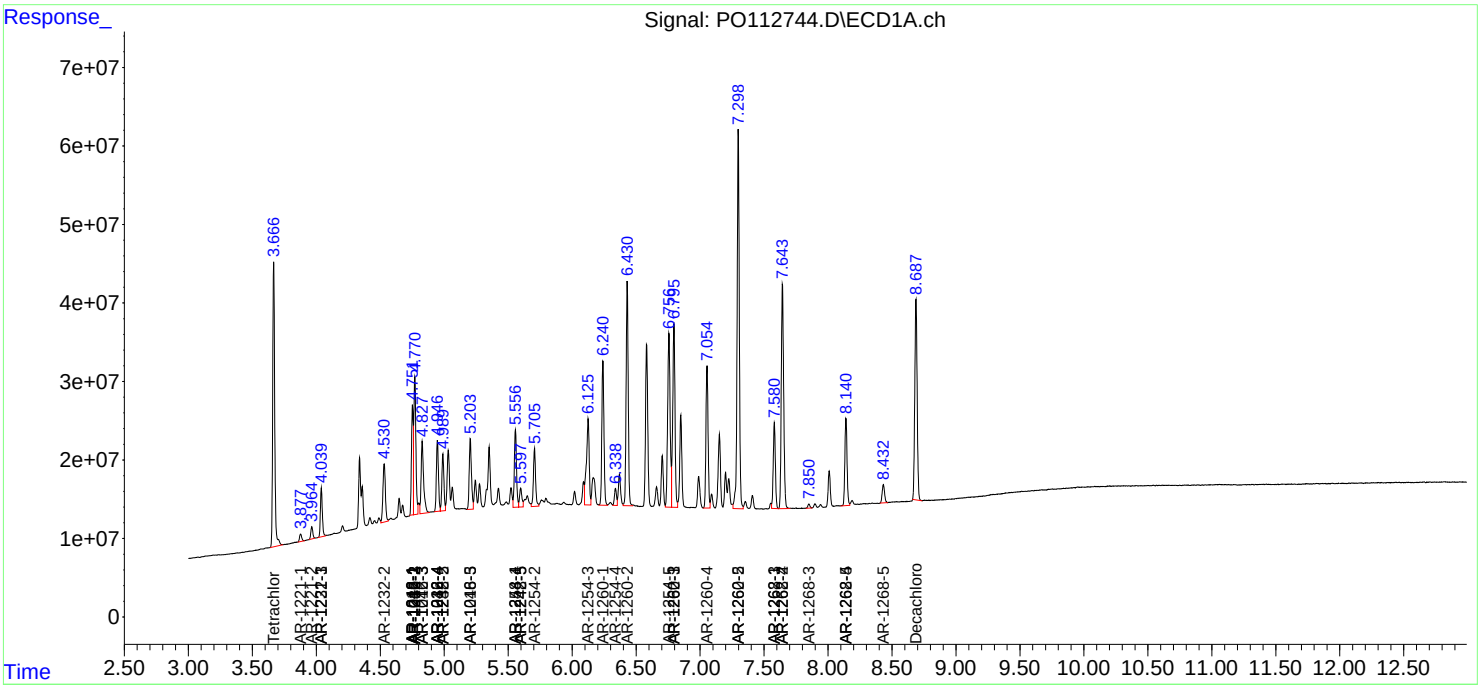
Quantitation Report (Not Reviewed)

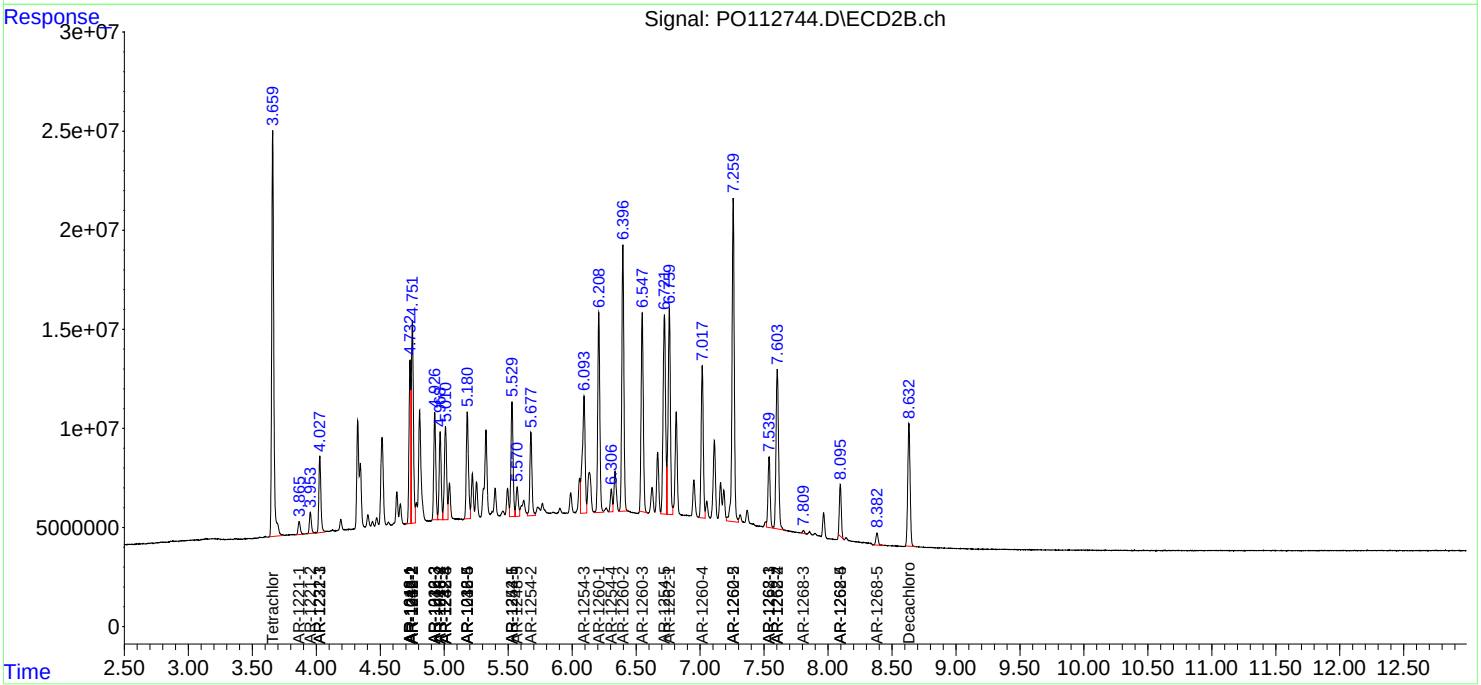
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080525\
Data File : PO112744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 10:05
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

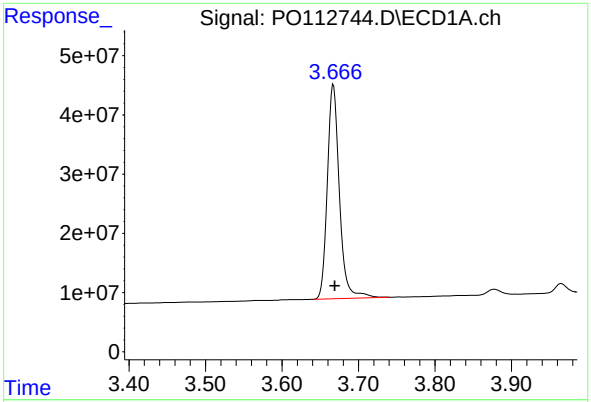
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 11:07:48 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



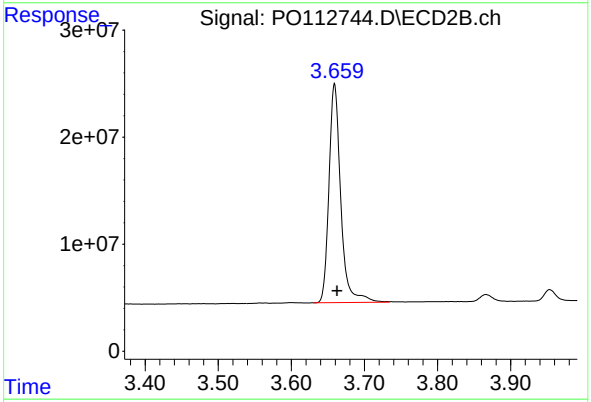




#1 Tetrachloro-m-xylene

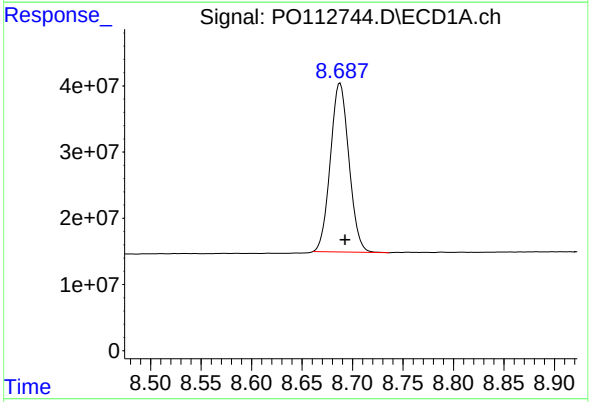
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 395588761
Conc: 48.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



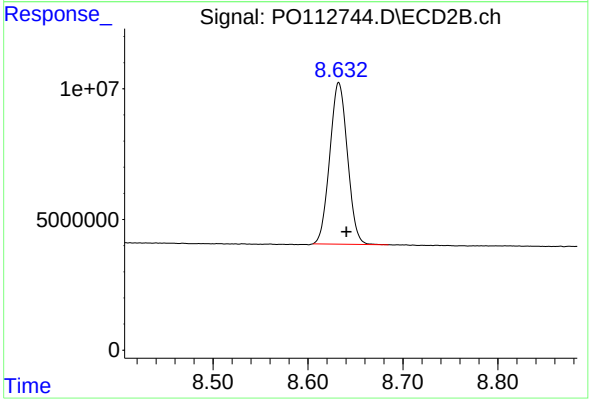
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 229560108
Conc: 46.20 ng/ml



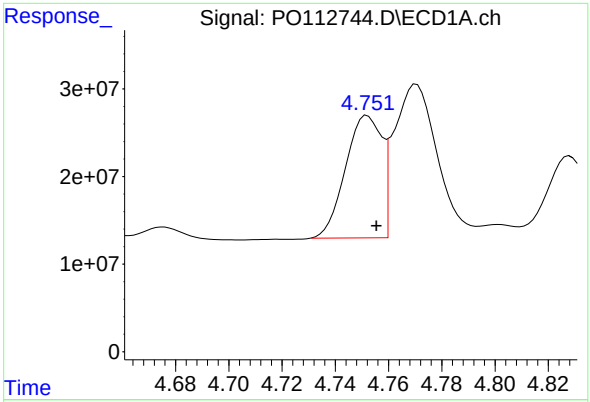
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 326618417
Conc: 44.67 ng/ml



#2 Decachlorobiphenyl

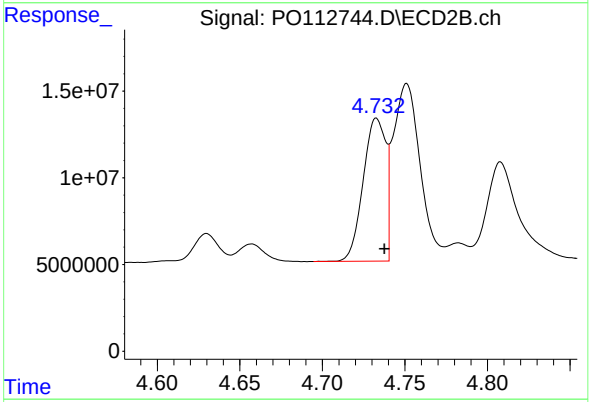
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 79983966
Conc: 45.26 ng/ml



#3 AR-1016-1

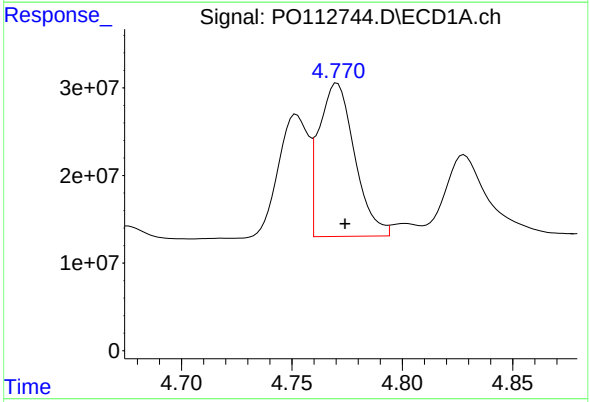
R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 132221514
Conc: 492.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



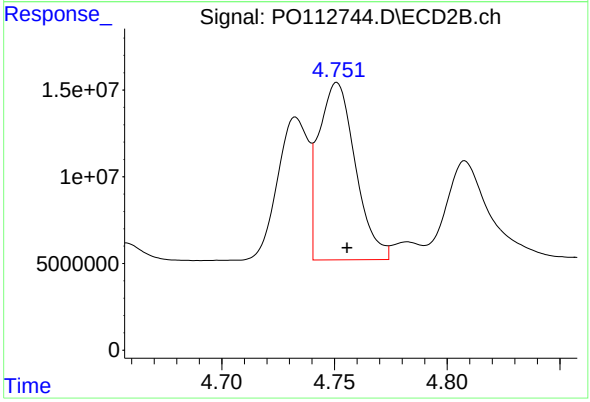
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 78380255
Conc: 447.87 ng/ml



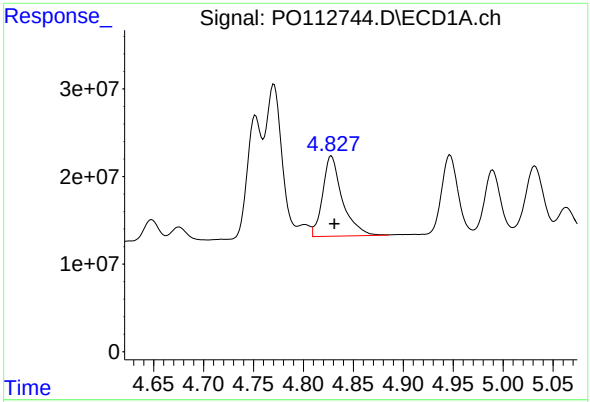
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 196896710
Conc: 484.83 ng/ml



#4 AR-1016-2

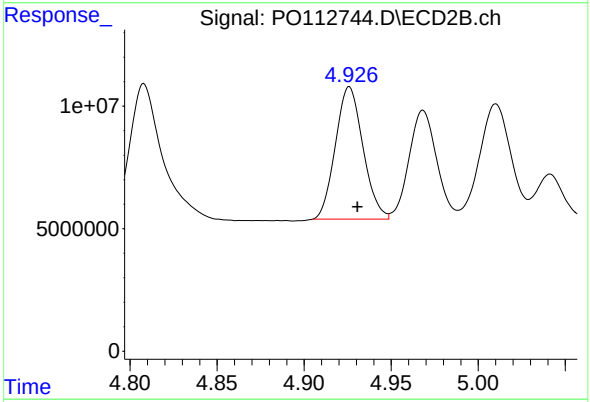
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 115937294
Conc: 445.07 ng/ml



#5 AR-1016-3

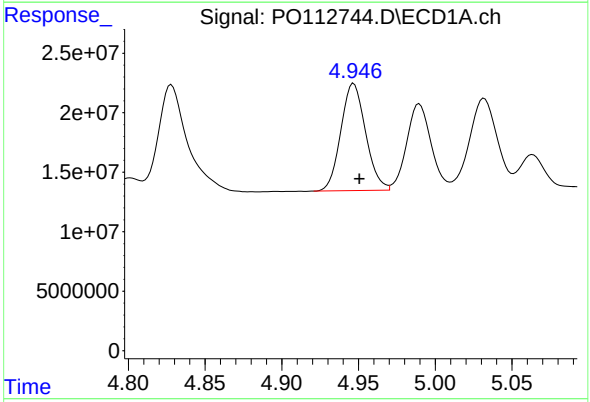
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 125726737
Conc: 480.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



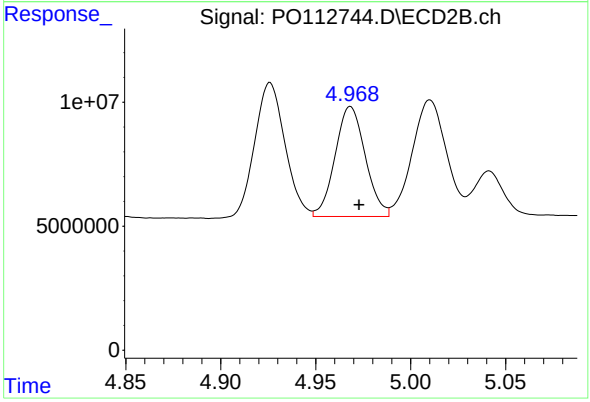
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 59618151
Conc: 438.48 ng/ml



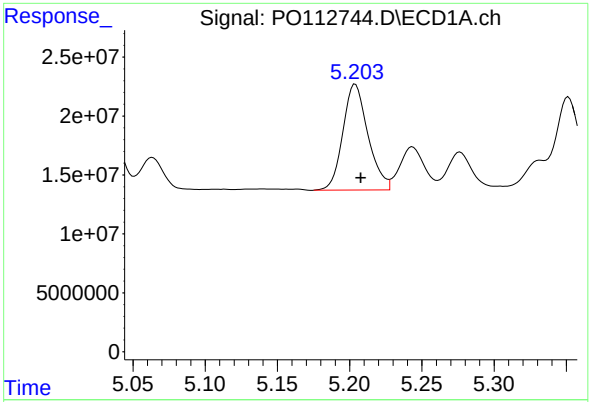
#6 AR-1016-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 101718677
Conc: 480.16 ng/ml



#6 AR-1016-4

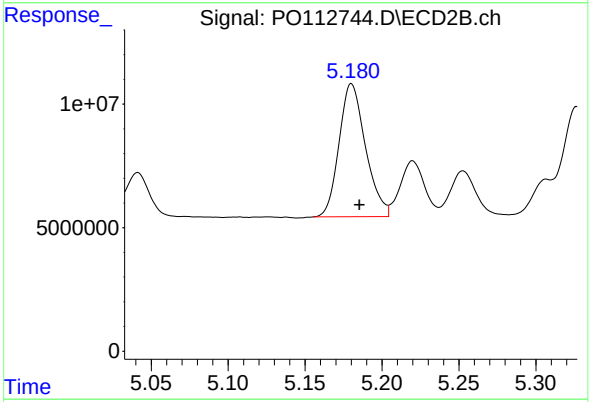
R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 49235193
Conc: 443.22 ng/ml



#7 AR-1016-5

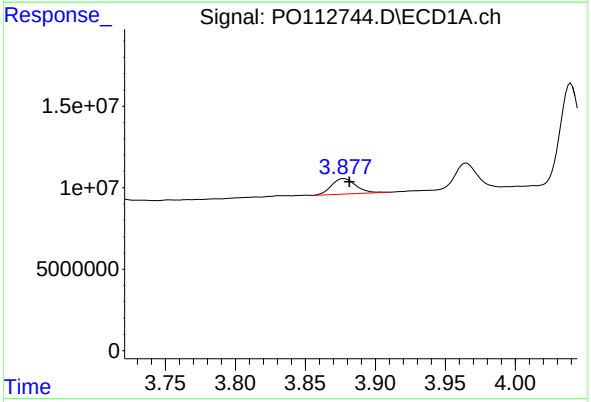
R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 108572106
Conc: 494.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



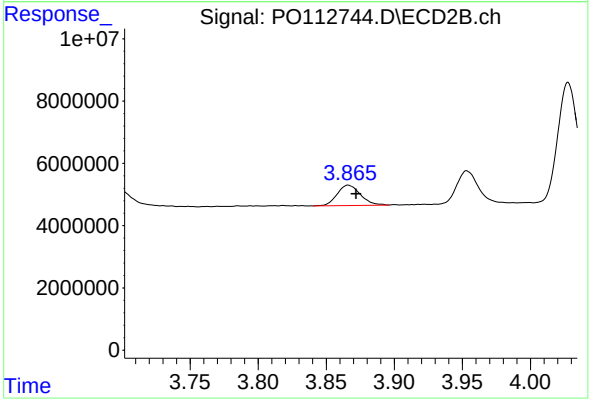
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 64202669
Conc: 448.02 ng/ml



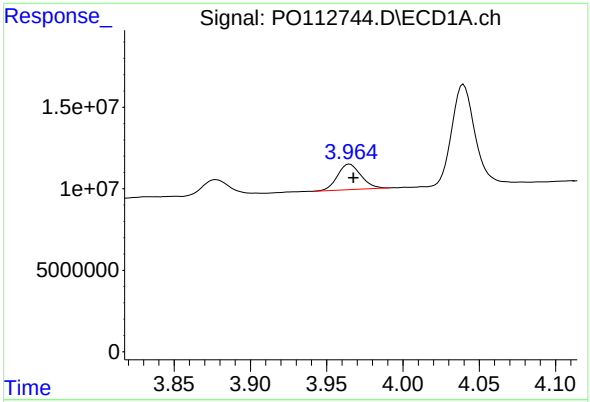
#8 AR-1221-1

R.T.: 3.878 min
Delta R.T.: -0.004 min
Response: 11473942
Conc: 118.70 ng/ml



#8 AR-1221-1

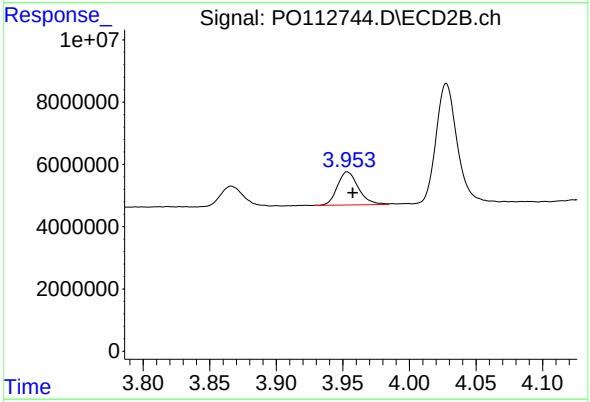
R.T.: 3.866 min
Delta R.T.: -0.006 min
Response: 7776201
Conc: 115.60 ng/ml



#9 AR-1221-2

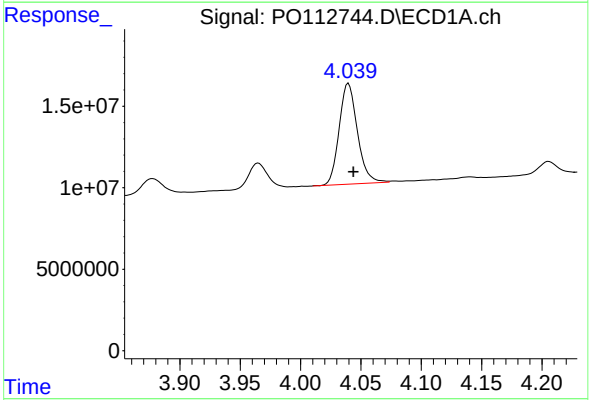
R.T.: 3.965 min
Delta R.T.: -0.002 min
Response: 16766942
Conc: 233.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



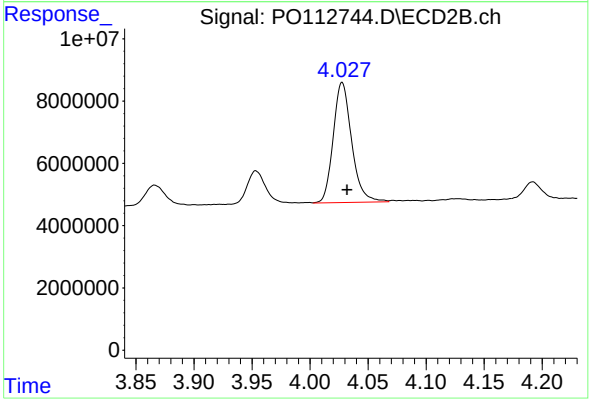
#9 AR-1221-2

R.T.: 3.953 min
Delta R.T.: -0.004 min
Response: 11771270
Conc: 232.05 ng/ml



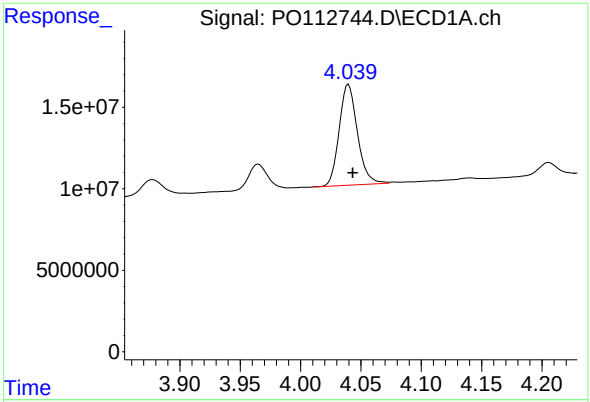
#10 AR-1221-3

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 65140129
Conc: 274.03 ng/ml



#10 AR-1221-3

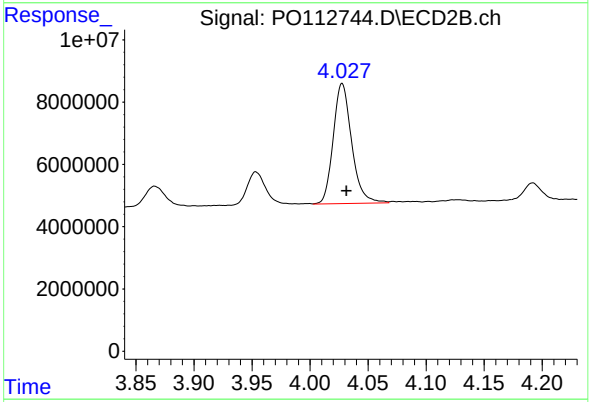
R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 42761915
Conc: 269.74 ng/ml



#11 AR-1232-1

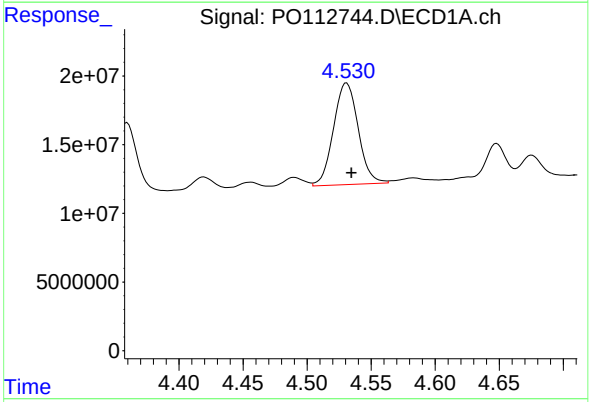
R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 65140129
Conc: 348.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



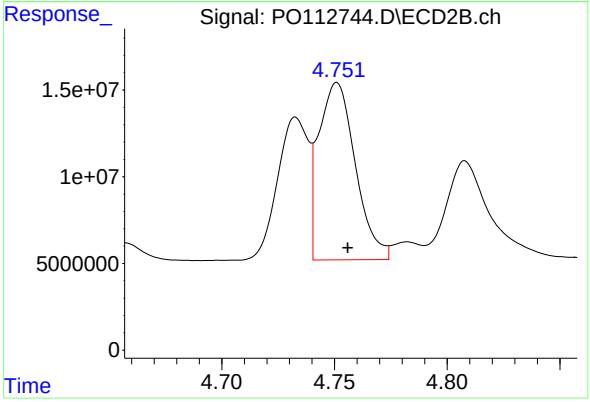
#11 AR-1232-1

R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 42761915
Conc: 337.91 ng/ml



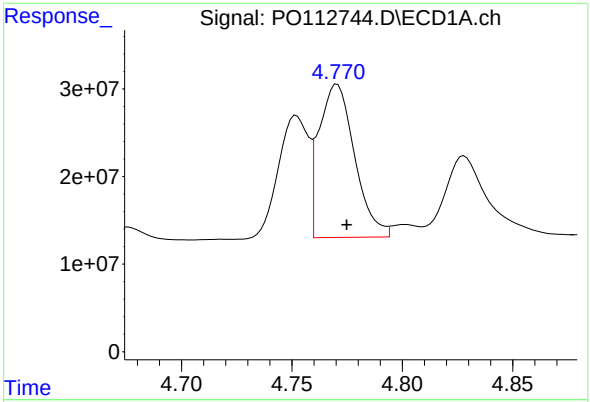
#12 AR-1232-2

R.T.: 4.531 min
Delta R.T.: -0.004 min
Response: 99366107
Conc: 923.26 ng/ml



#12 AR-1232-2

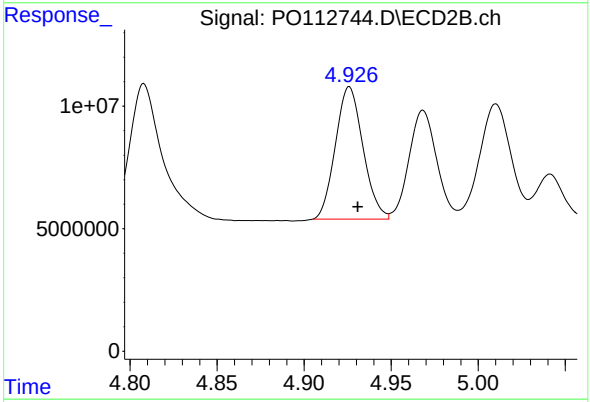
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 115937294
Conc: 883.97 ng/ml



#13 AR-1232-3

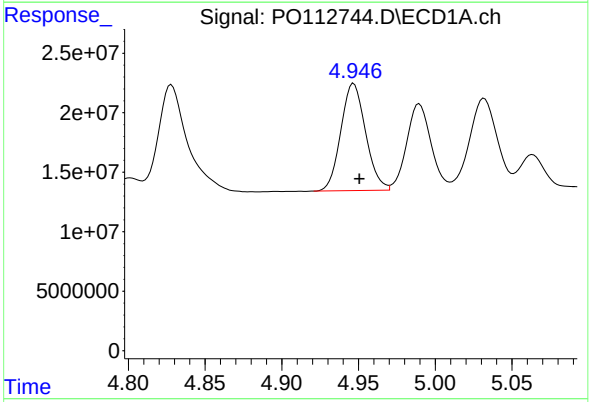
R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 196896710
Conc: 952.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



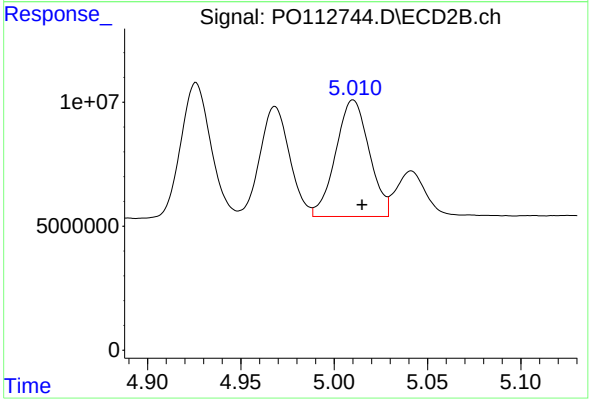
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 59618151
Conc: 887.22 ng/ml



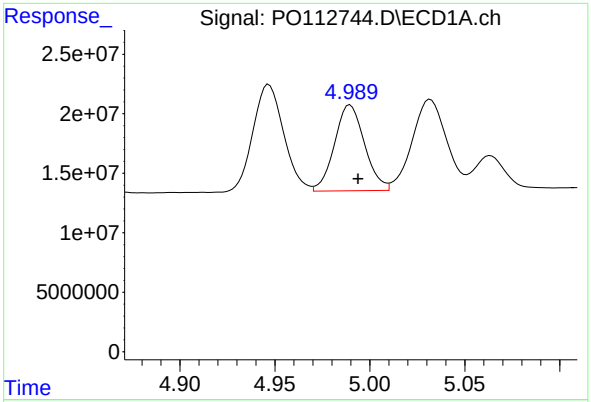
#14 AR-1232-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 101718677
Conc: 971.15 ng/ml



#14 AR-1232-4

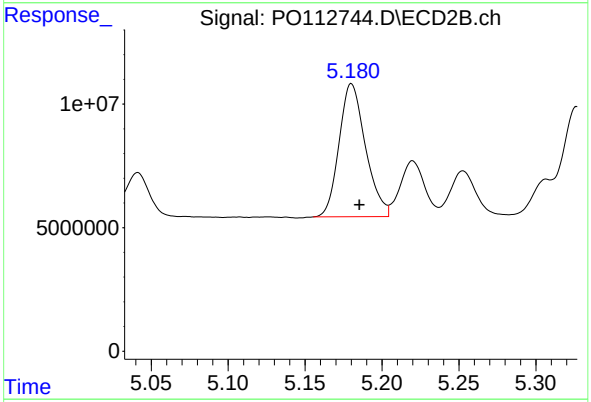
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 58897992
Conc: 984.44 ng/ml



#15 AR-1232-5

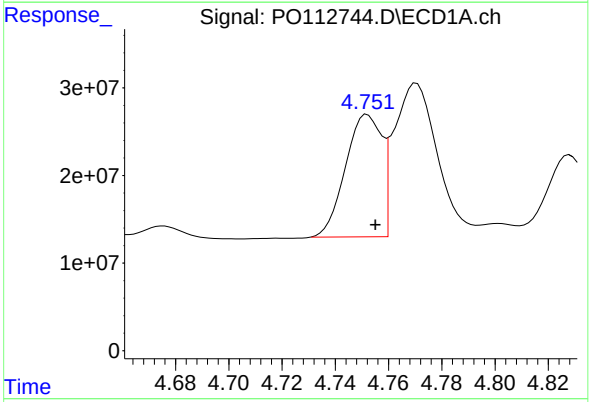
R.T.: 4.990 min
Delta R.T.: -0.004 min
Response: 79718747
Conc: 1174.39 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



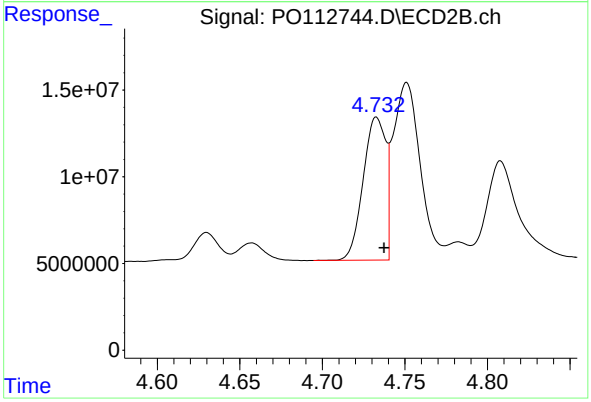
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 64202669
Conc: 984.66 ng/ml



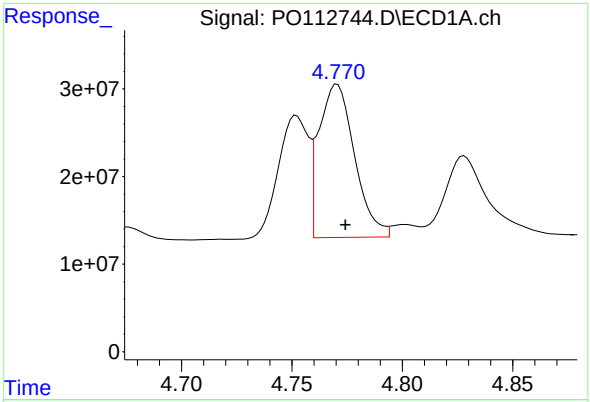
#16 AR-1242-1

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 132221514
Conc: 534.03 ng/ml



#16 AR-1242-1

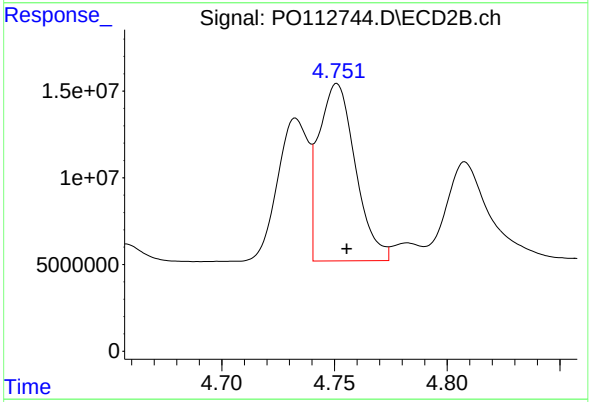
R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 78380255
Conc: 494.84 ng/ml



#17 AR-1242-2

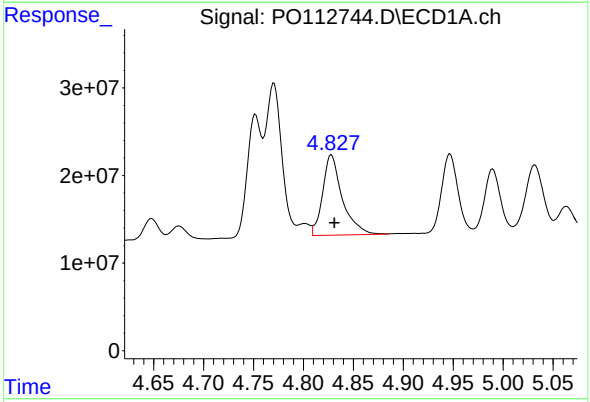
R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 196896710
Conc: 532.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



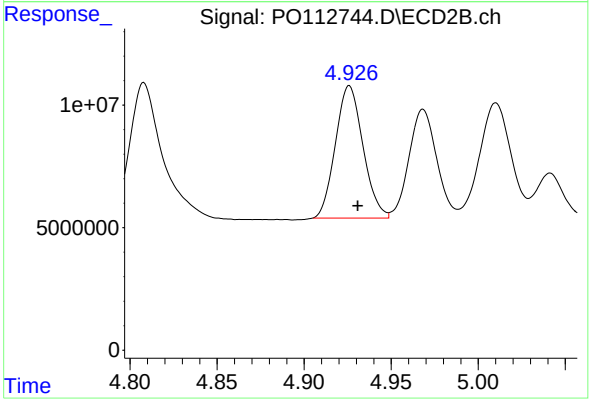
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 115937294
Conc: 496.17 ng/ml



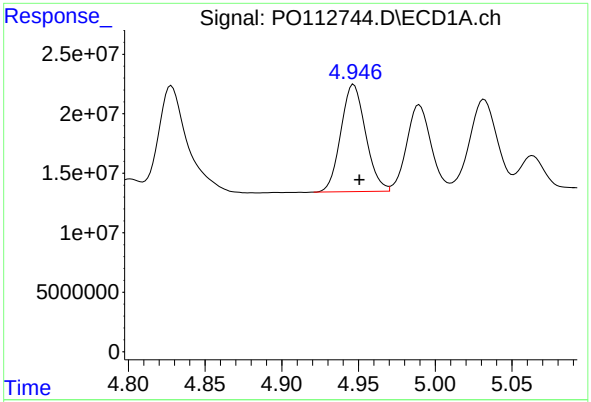
#18 AR-1242-3

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 125726737
Conc: 531.26 ng/ml



#18 AR-1242-3

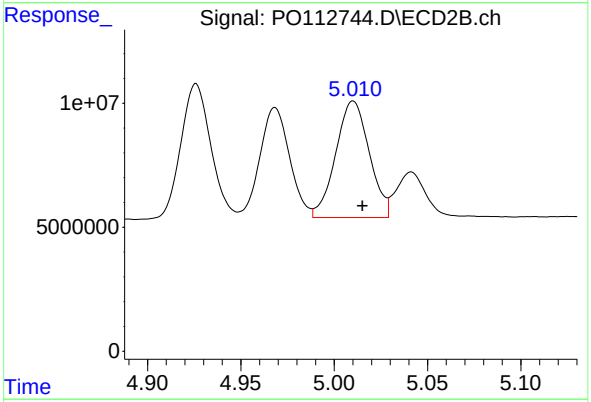
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 59618151
Conc: 491.94 ng/ml



#19 AR-1242-4

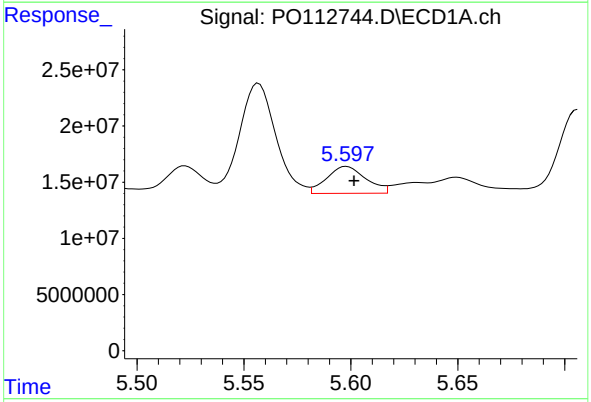
R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 101718677
Conc: 523.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



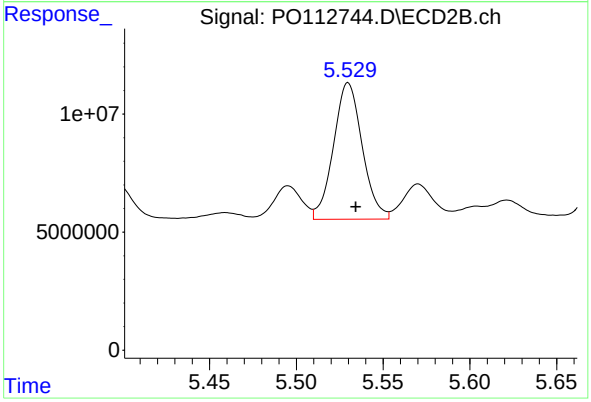
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 58897992
Conc: 479.86 ng/ml



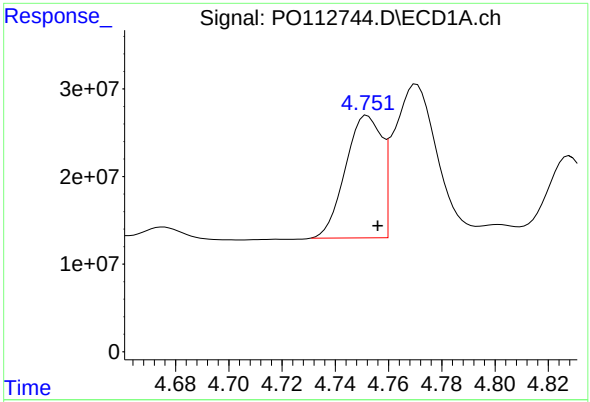
#20 AR-1242-5

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 30611900
Conc: 143.10 ng/ml



#20 AR-1242-5

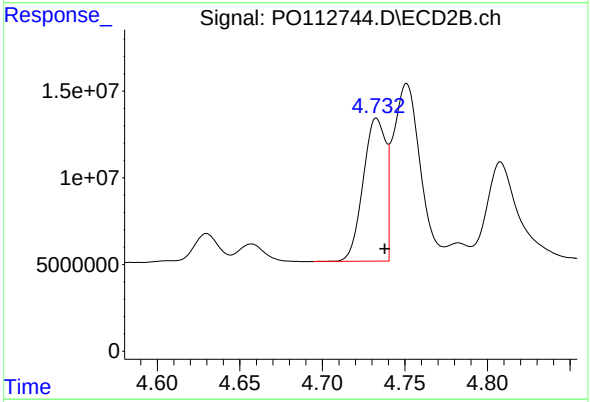
R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 66664461
Conc: 414.14 ng/ml



#21 AR-1248-1

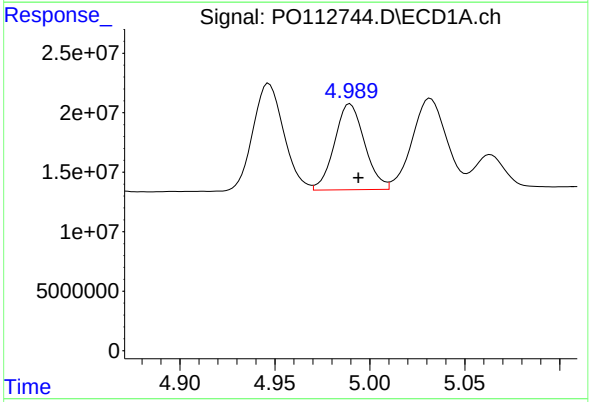
R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 132221514
Conc: 706.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



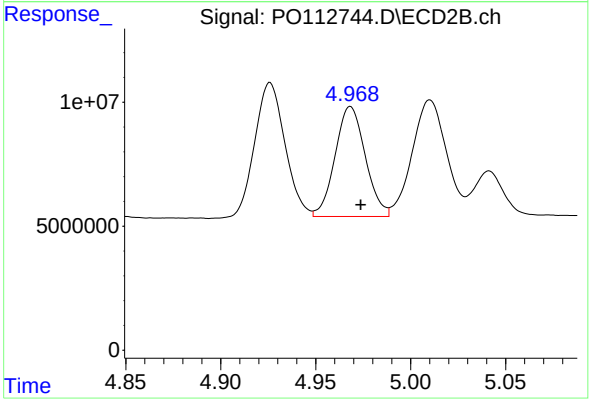
#21 AR-1248-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 78380255
Conc: 645.06 ng/ml



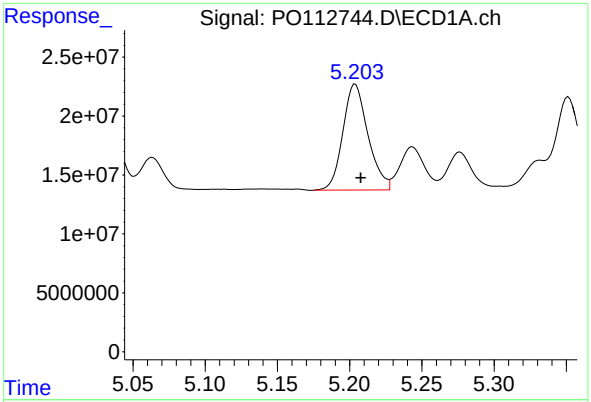
#22 AR-1248-2

R.T.: 4.990 min
Delta R.T.: -0.004 min
Response: 79718747
Conc: 312.48 ng/ml



#22 AR-1248-2

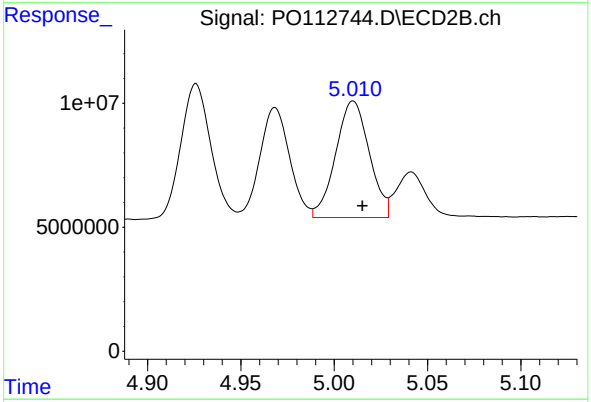
R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 49235193
Conc: 290.85 ng/ml



#23 AR-1248-3

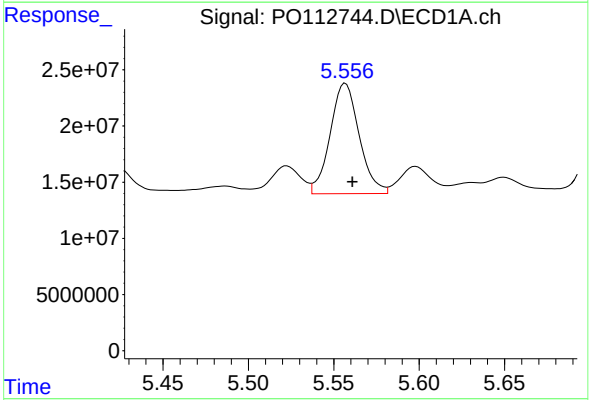
R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 108572106
Conc: 315.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



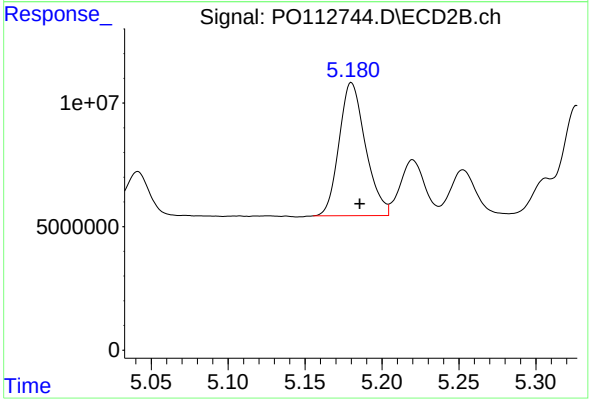
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 58897992
Conc: 331.54 ng/ml



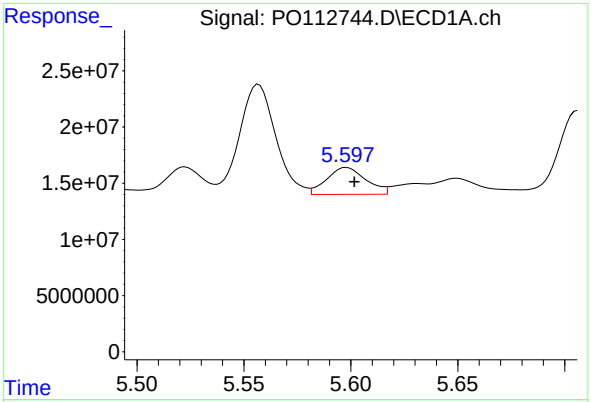
#24 AR-1248-4

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 116475554
Conc: 229.25 ng/ml



#24 AR-1248-4

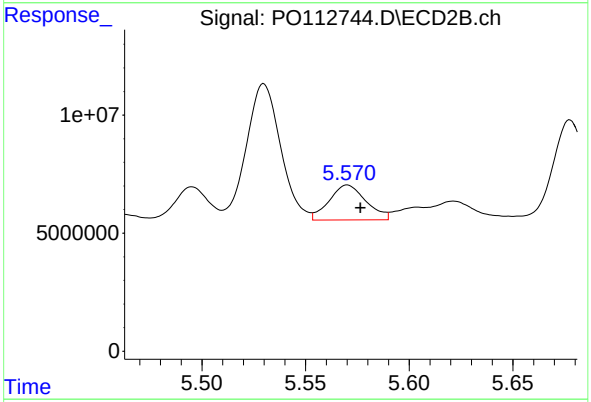
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 64202669
Conc: 308.14 ng/ml



#25 AR-1248-5

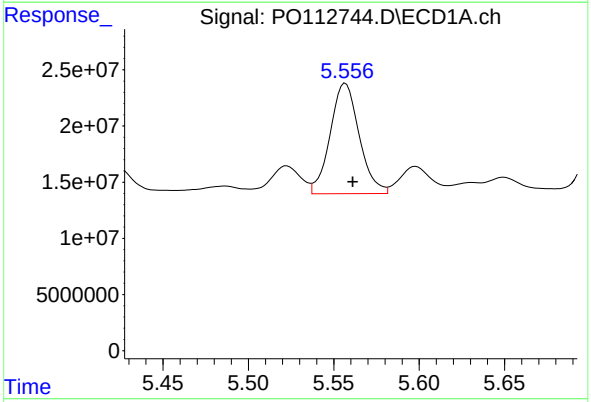
R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 30611900
Conc: 87.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



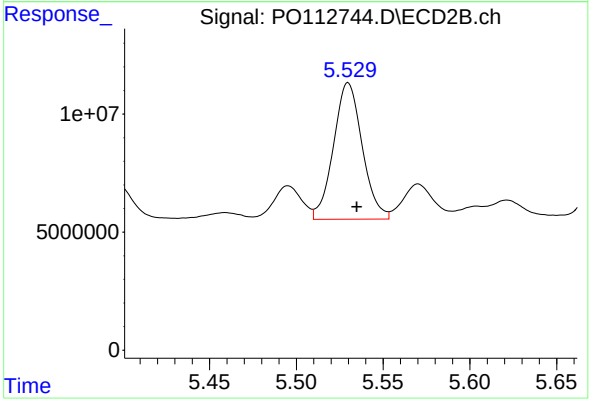
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: -0.006 min
Response: 18291813
Conc: 85.17 ng/ml



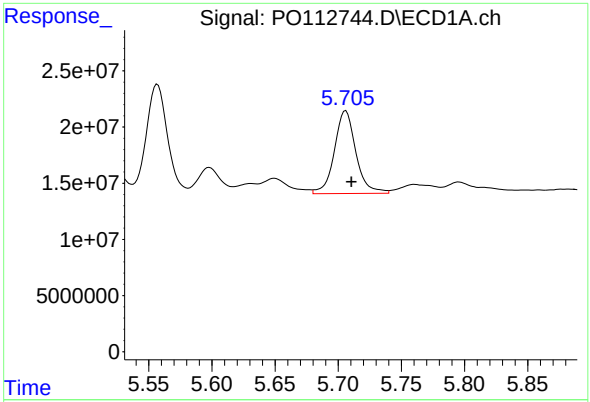
#26 AR-1254-1

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 116475554
Conc: 212.18 ng/ml



#26 AR-1254-1

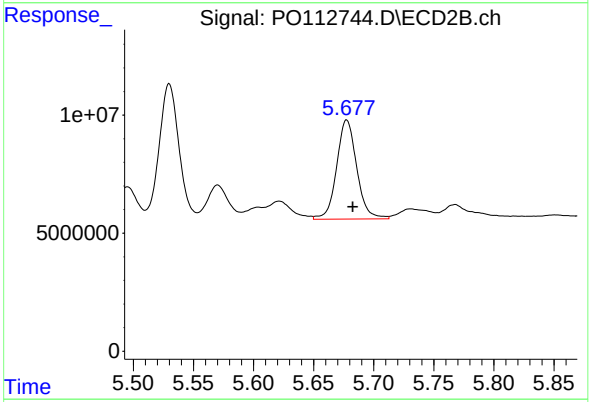
R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 66664461
Conc: 202.86 ng/ml



#27 AR-1254-2

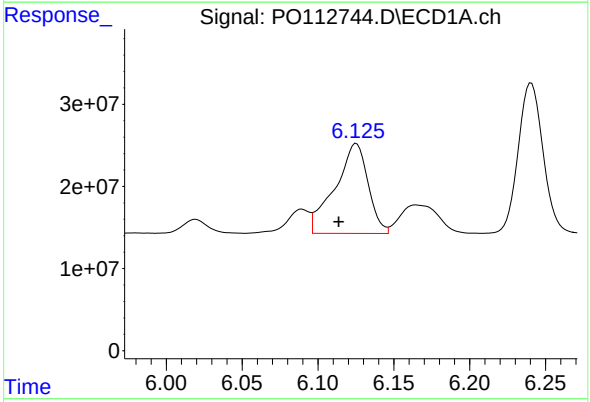
R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 87342605
Conc: 179.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



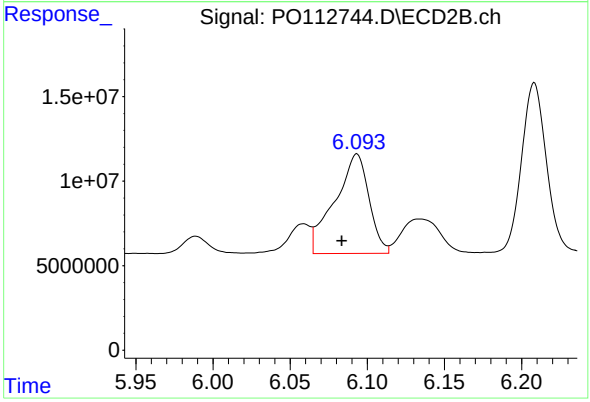
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 49032508
Conc: 169.38 ng/ml



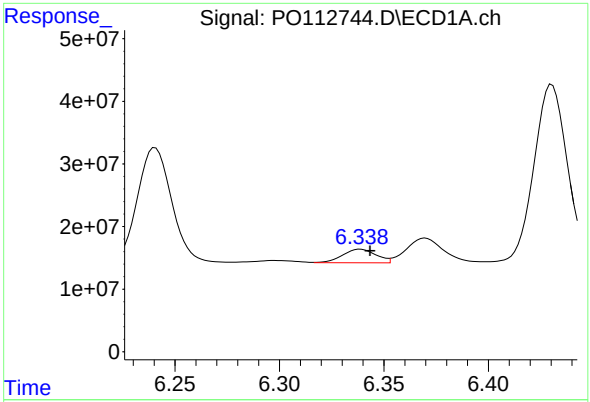
#28 AR-1254-3

R.T.: 6.125 min
Delta R.T.: 0.012 min
Response: 166838719
Conc: 224.16 ng/ml



#28 AR-1254-3

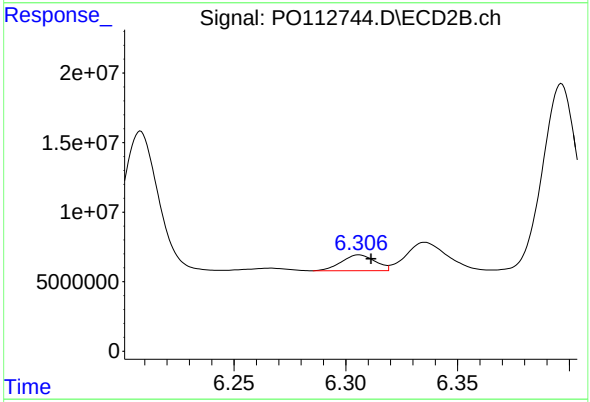
R.T.: 6.093 min
Delta R.T.: 0.010 min
Response: 90813772
Conc: 212.45 ng/ml



#29 AR-1254-4

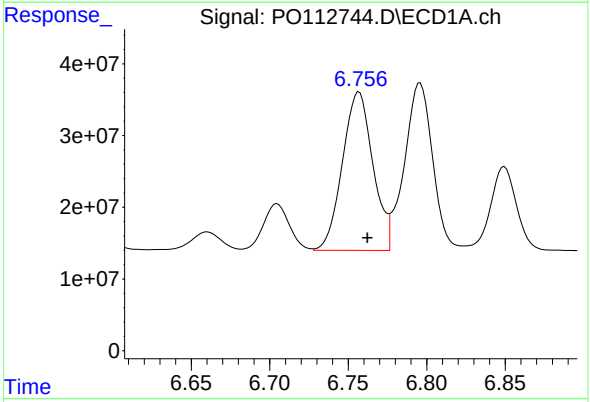
R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 24264489
Conc: 44.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



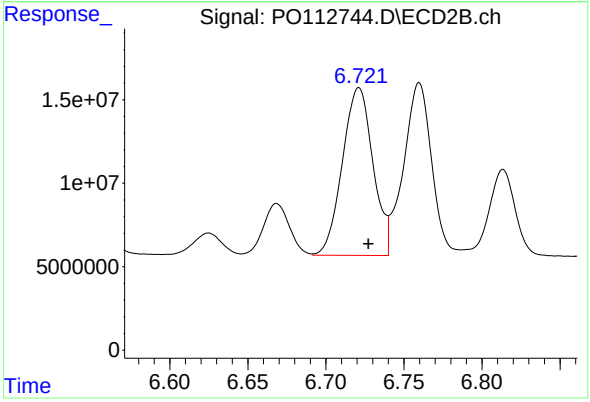
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.005 min
Response: 11961532
Conc: 43.82 ng/ml



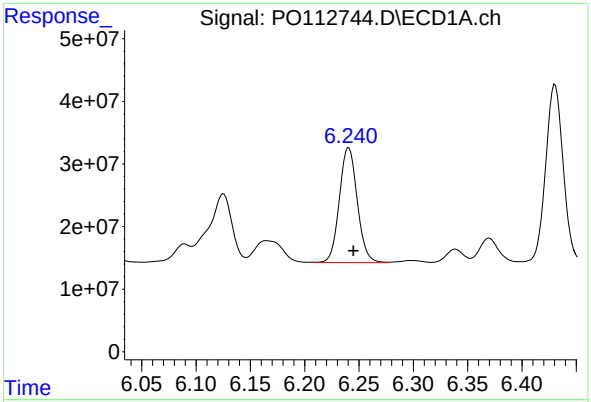
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 298543228
Conc: 421.78 ng/ml



#30 AR-1254-5

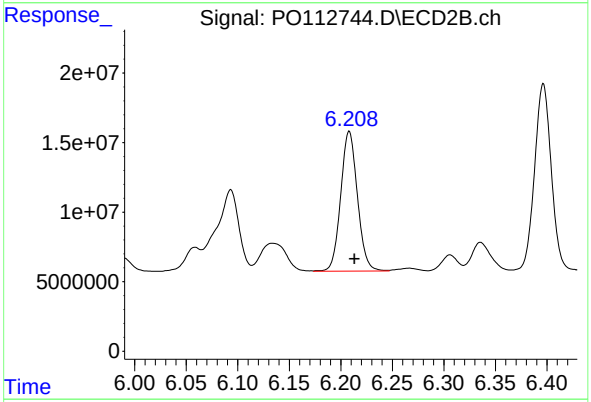
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 137012141
Conc: 410.19 ng/ml



#31 AR-1260-1

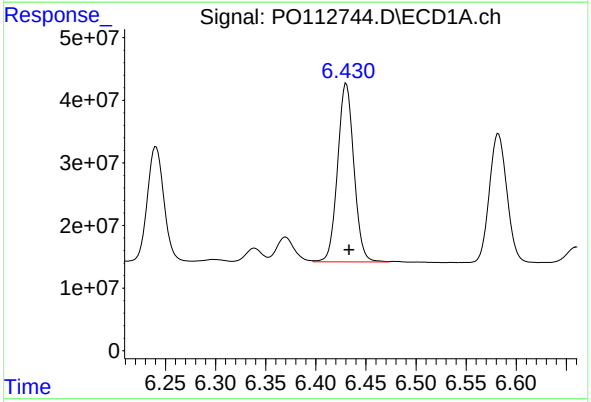
R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 210924853
Conc: 480.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



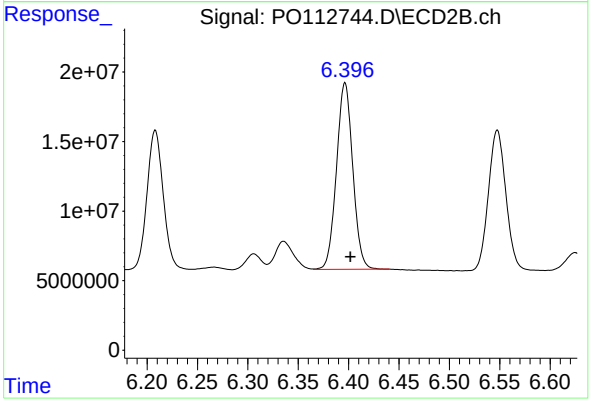
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 113528906
Conc: 456.84 ng/ml



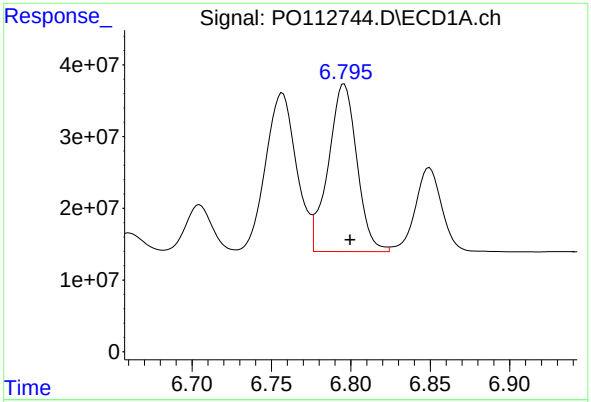
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 323257193
Conc: 469.92 ng/ml



#32 AR-1260-2

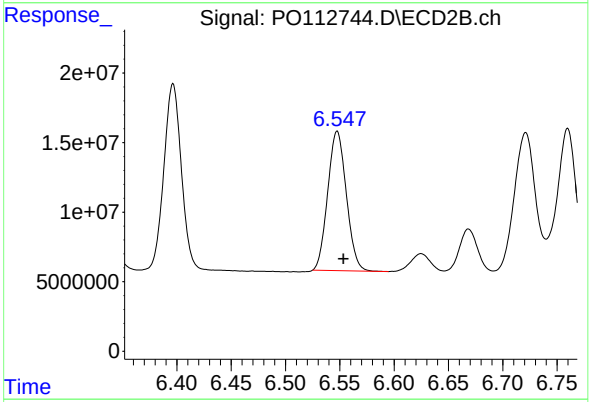
R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 150715175
Conc: 457.41 ng/ml



#33 AR-1260-3

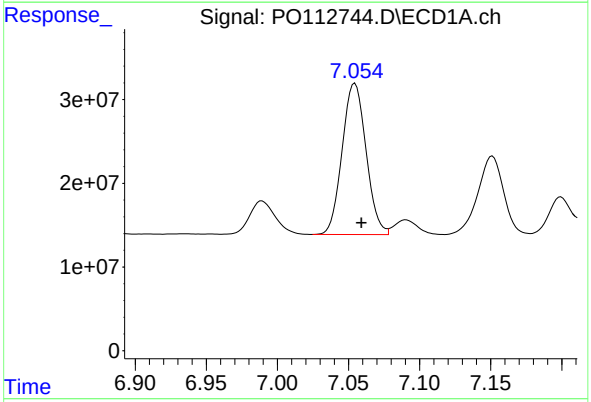
R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 292869997
Conc: 498.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



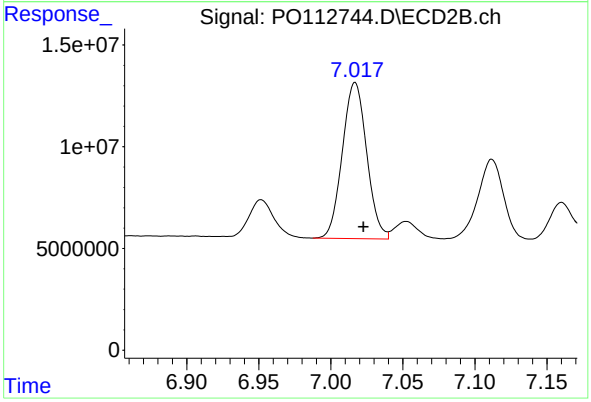
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 119645554
Conc: 465.69 ng/ml



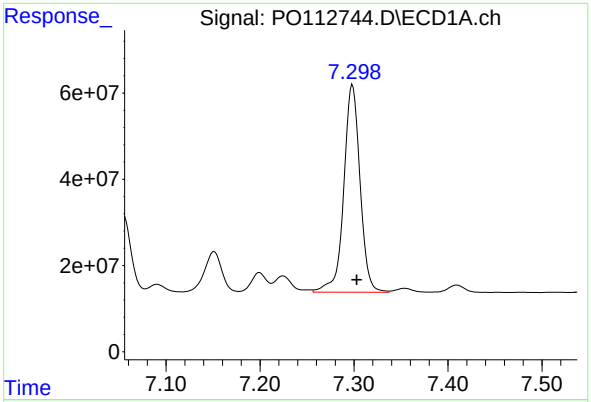
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 211744976
Conc: 469.50 ng/ml



#34 AR-1260-4

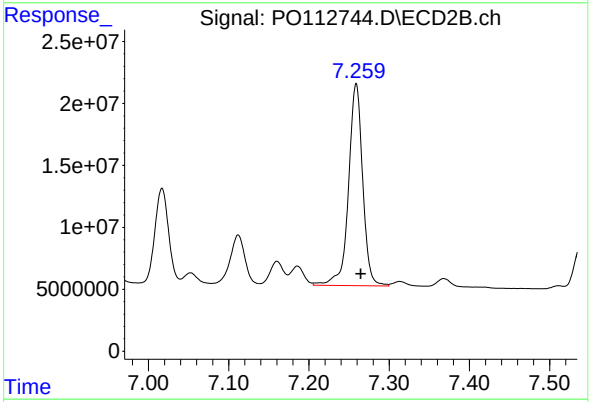
R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 90360893
Conc: 472.33 ng/ml



#35 AR-1260-5

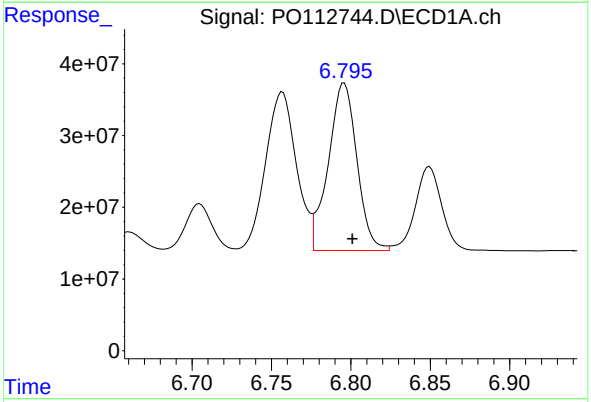
R.T.: 7.298 min
Delta R.T.: -0.004 min
Response: 579972155
Conc: 468.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



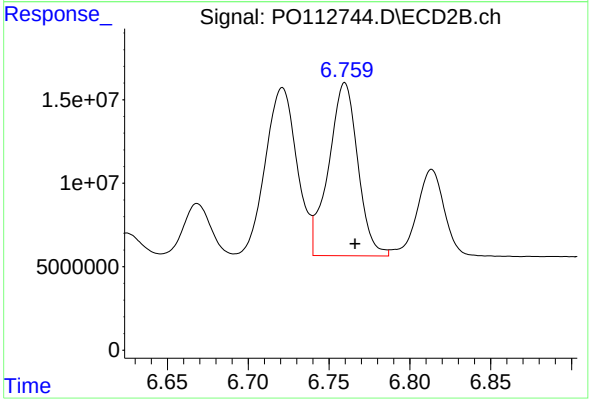
#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 199966578
Conc: 485.13 ng/ml



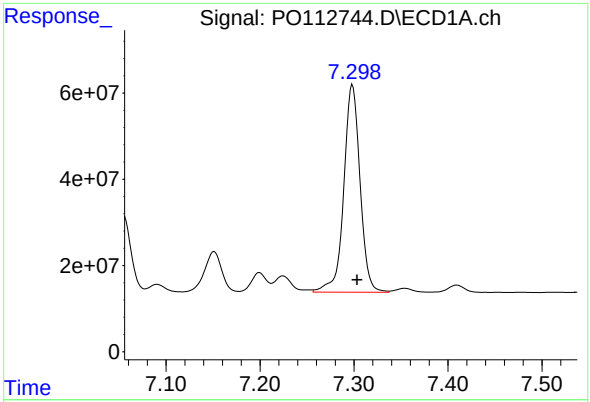
#36 AR-1262-1

R.T.: 6.796 min
Delta R.T.: -0.005 min
Response: 292869997
Conc: 315.18 ng/ml



#36 AR-1262-1

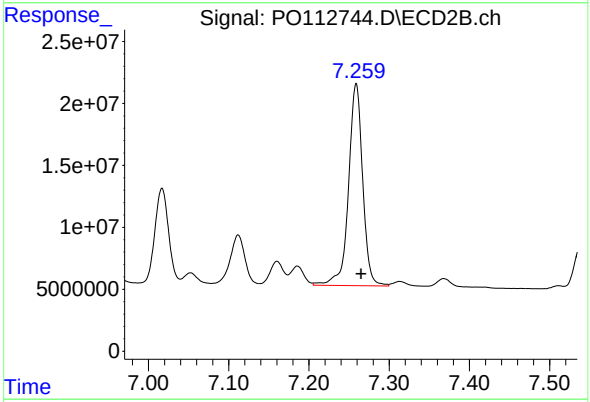
R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 130226820
Conc: 313.93 ng/ml



#37 AR-1262-2

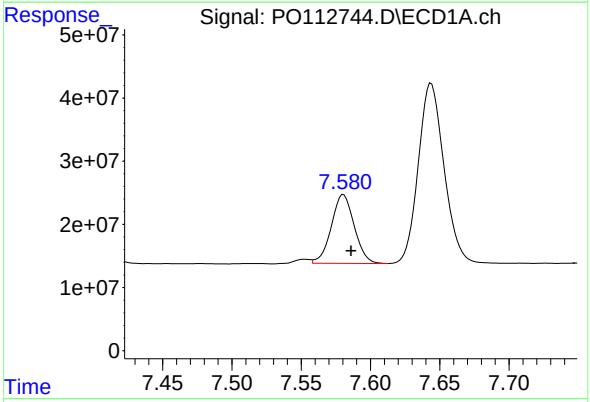
R.T.: 7.298 min
Delta R.T.: -0.005 min
Response: 579972155
Conc: 390.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



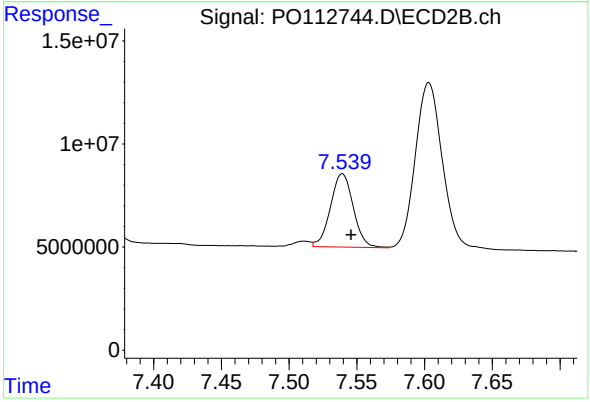
#37 AR-1262-2

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 199966578
Conc: 387.87 ng/ml



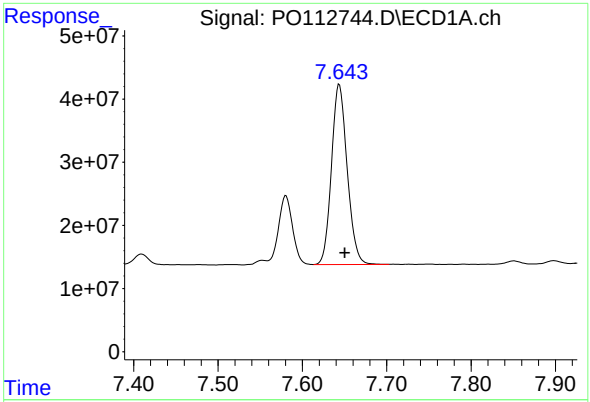
#38 AR-1262-3

R.T.: 7.580 min
Delta R.T.: -0.006 min
Response: 125140706
Conc: 212.01 ng/ml



#38 AR-1262-3

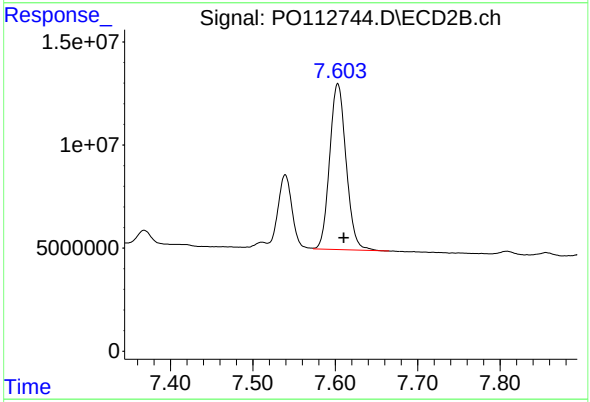
R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 41804191
Conc: 224.12 ng/ml



#39 AR-1262-4

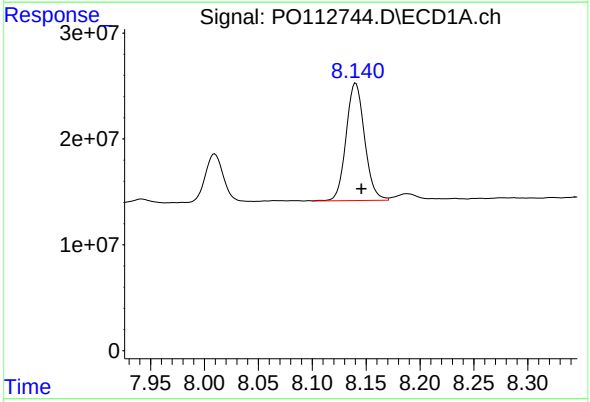
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 368843285
Conc: 371.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



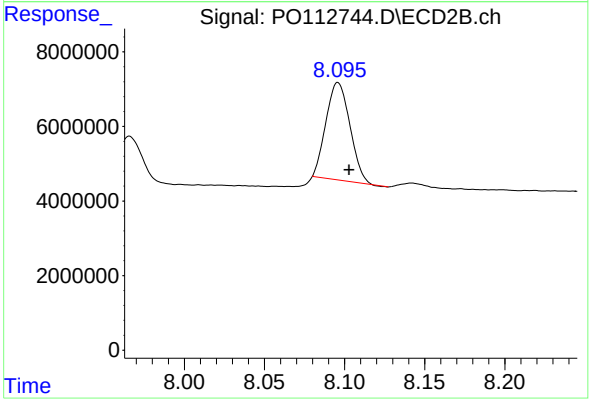
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.007 min
Response: 111563936
Conc: 387.24 ng/ml



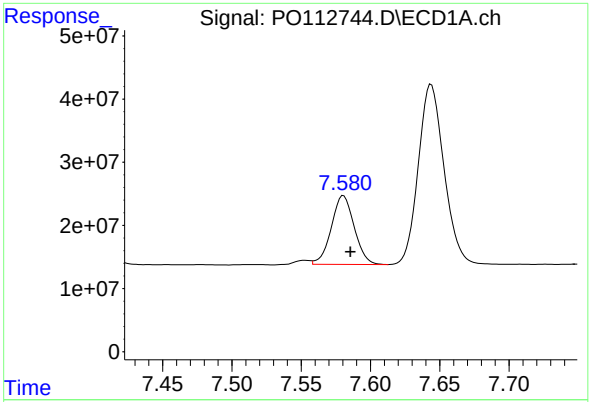
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 132139895
Conc: 304.43 ng/ml



#40 AR-1262-5

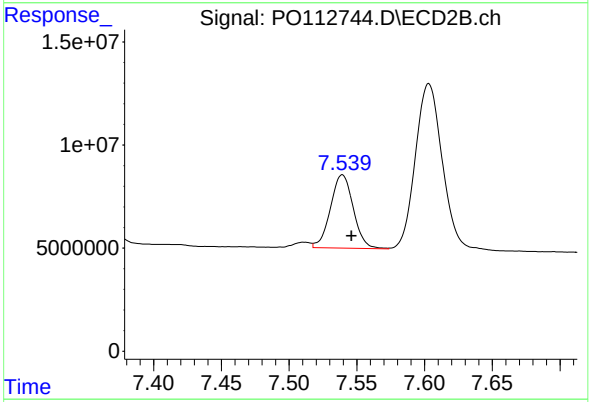
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 27178057
Conc: 273.14 ng/ml



#41 AR-1268-1

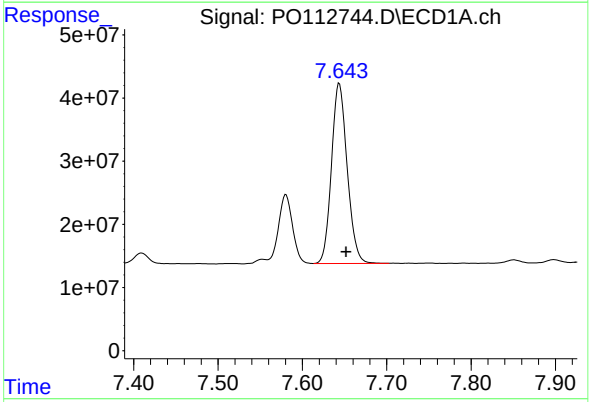
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 125140706
Conc: 71.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



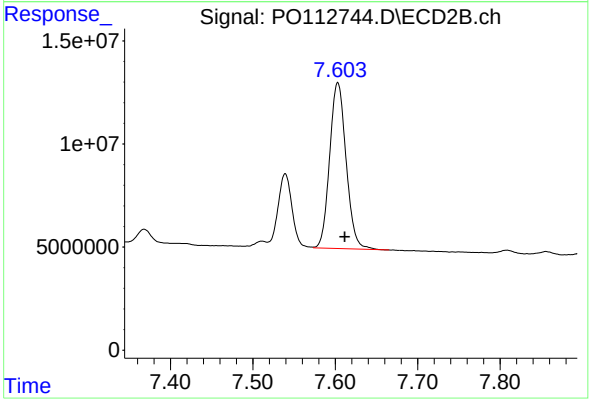
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 41804191
Conc: 80.72 ng/ml



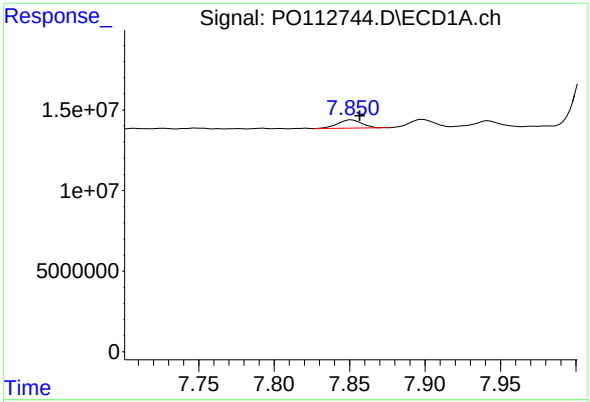
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.008 min
Response: 368843285
Conc: 250.40 ng/ml



#42 AR-1268-2

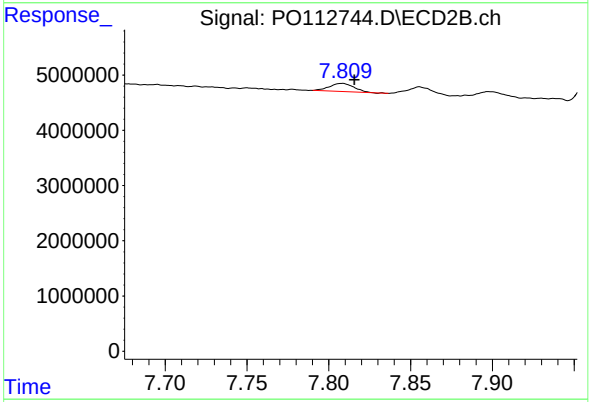
R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 111563936
Conc: 262.46 ng/ml



#43 AR-1268-3

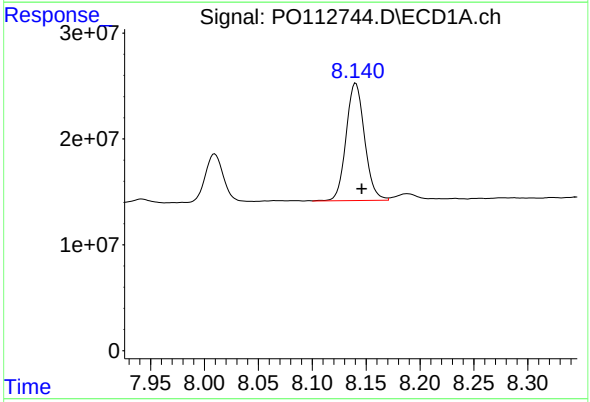
R.T.: 7.851 min
Delta R.T.: -0.006 min
Response: 5807253
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



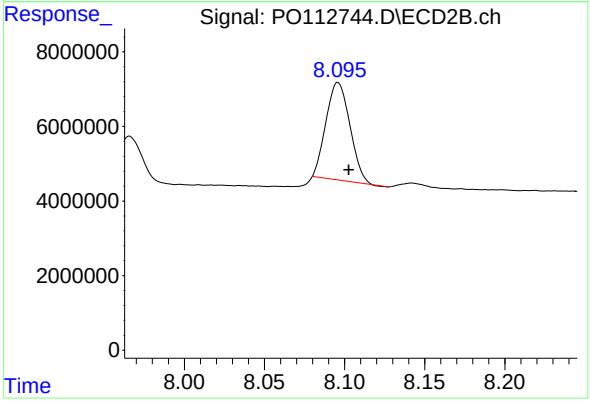
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: -0.008 min
Response: 1539033
Conc: 4.79 ng/ml



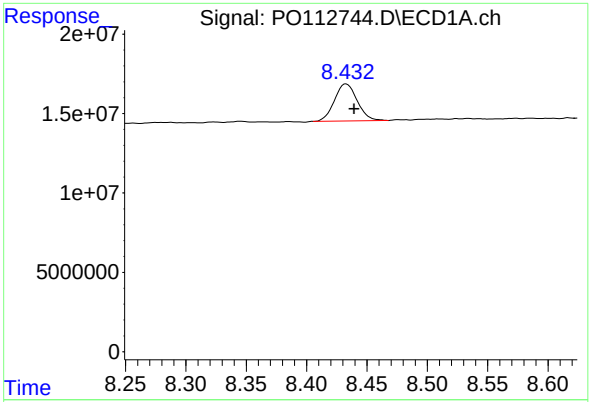
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 132139895
Conc: 274.23 ng/ml



#44 AR-1268-4

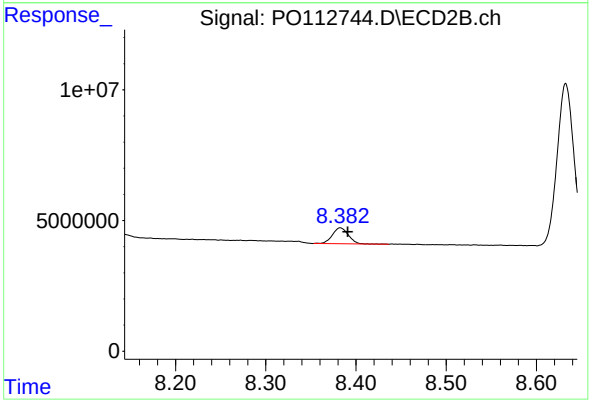
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 27178057
Conc: 244.20 ng/ml



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.007 min
Response: 30612887
Conc: 9.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 7618312
Conc: 10.41 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

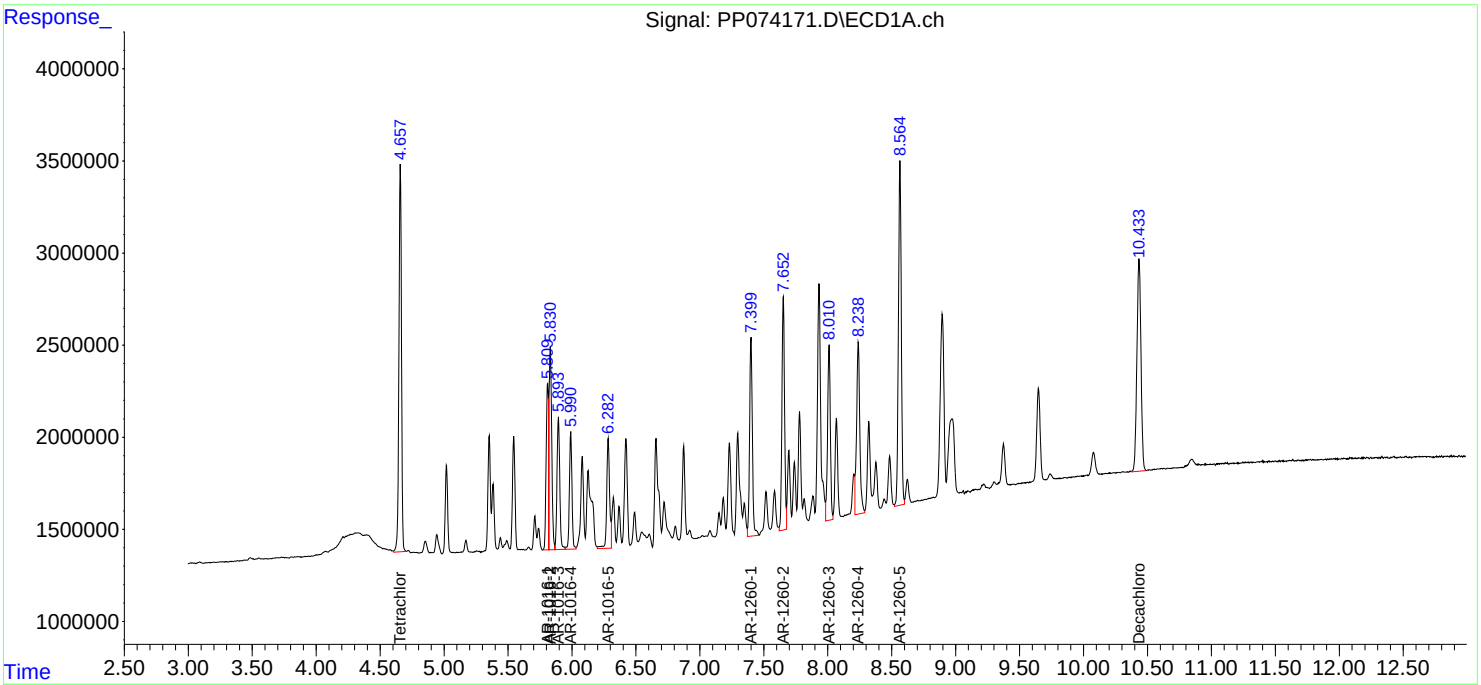
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

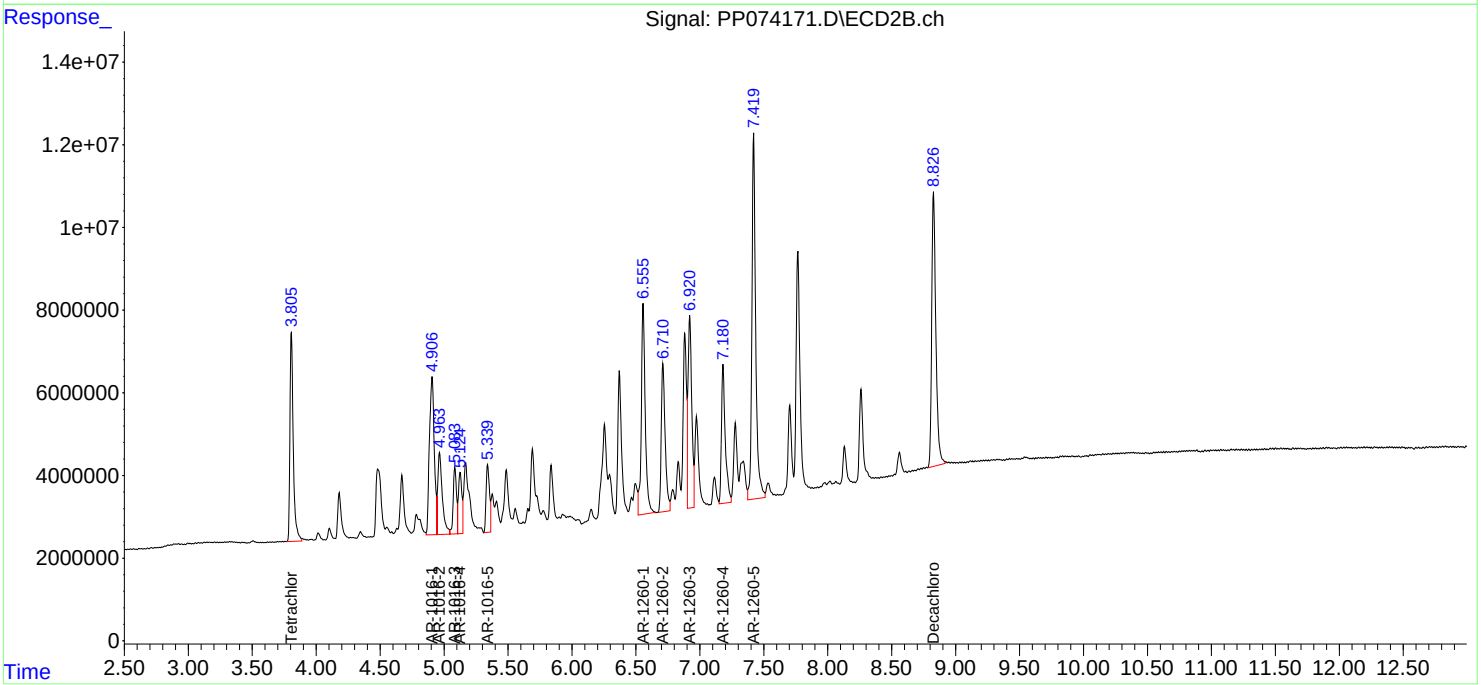
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

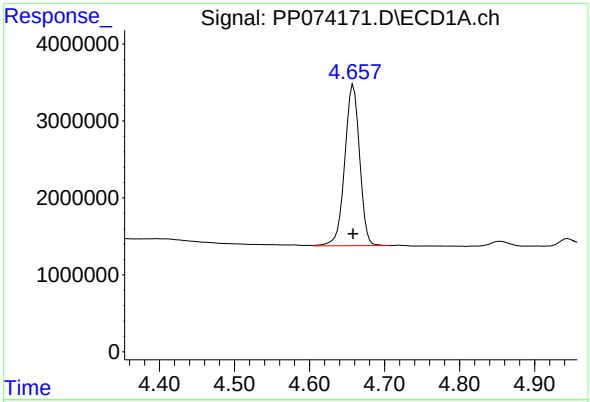
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

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



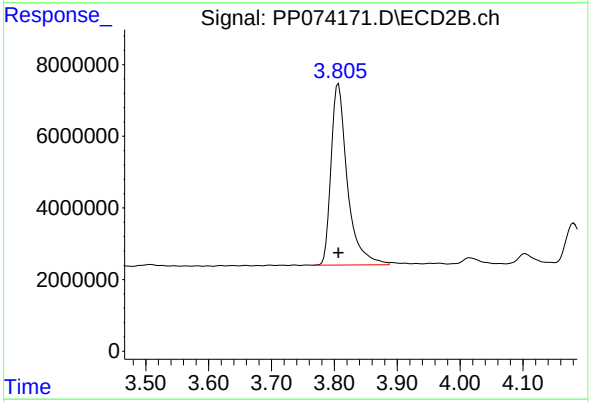




#1 Tetrachloro-m-xylene

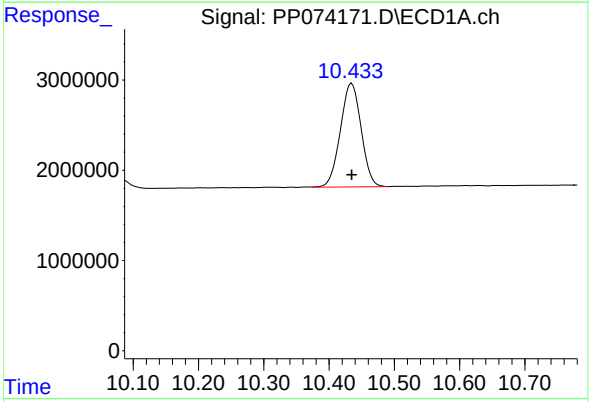
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



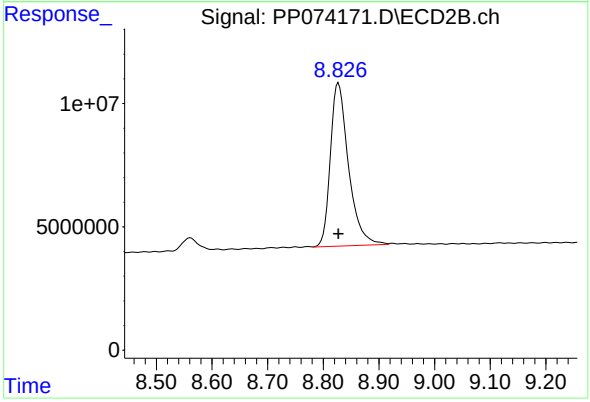
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



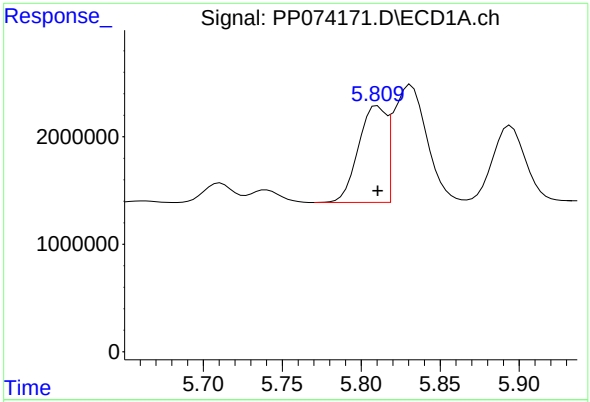
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

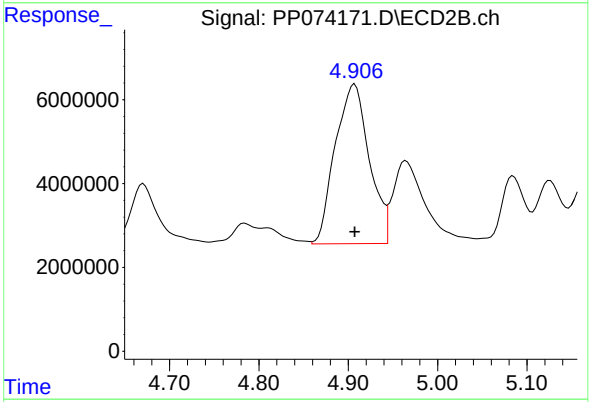
R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml



#3 AR-1016-1

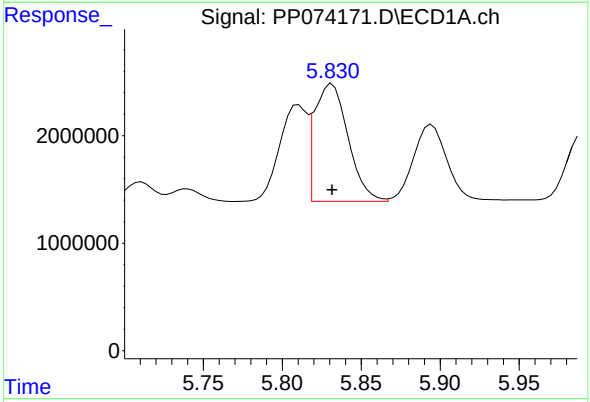
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



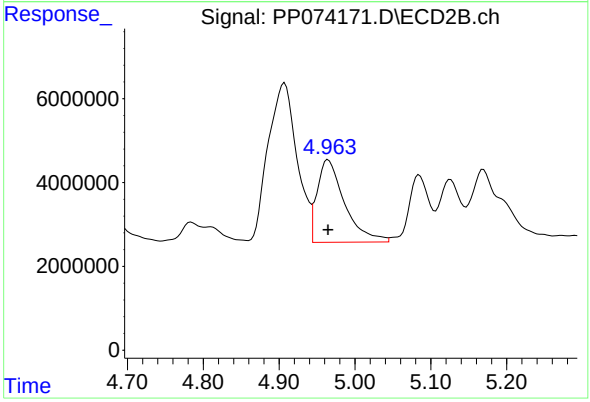
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml



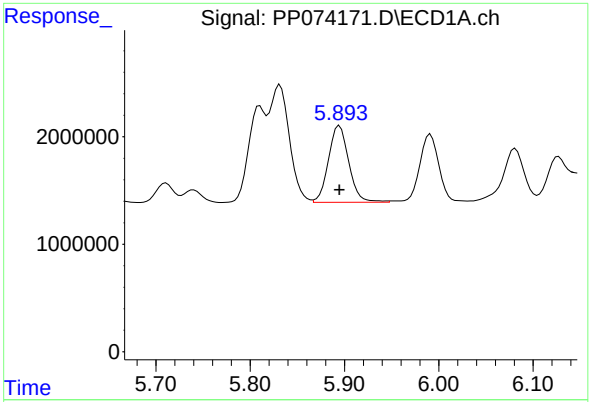
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml



#4 AR-1016-2

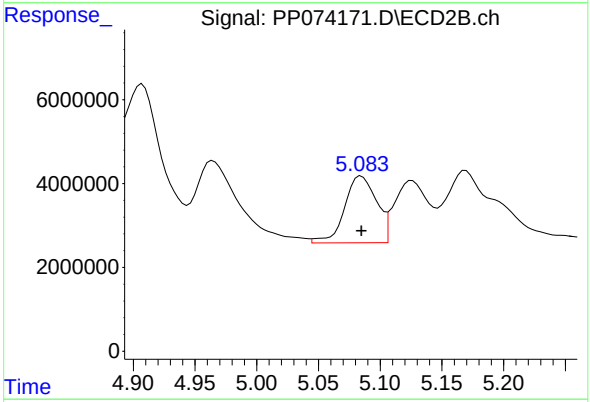
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml



#5 AR-1016-3

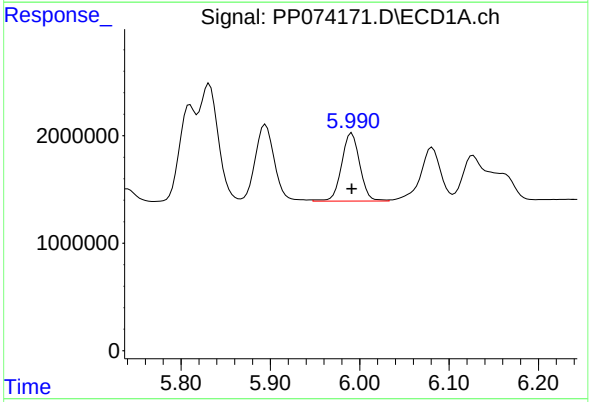
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



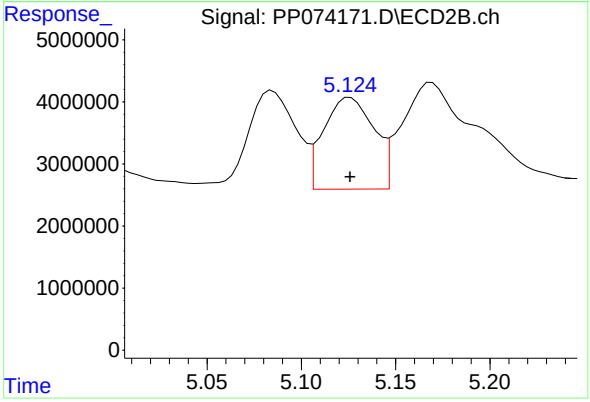
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml



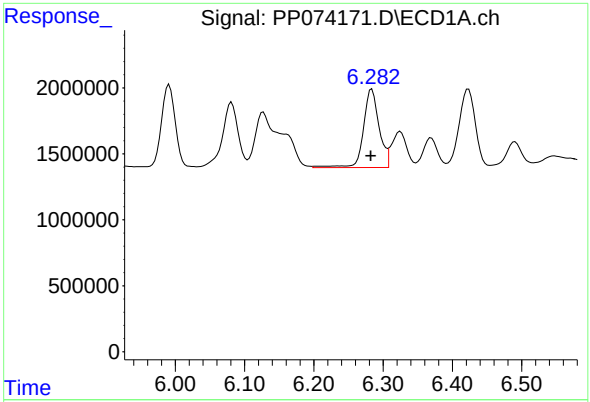
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml



#6 AR-1016-4

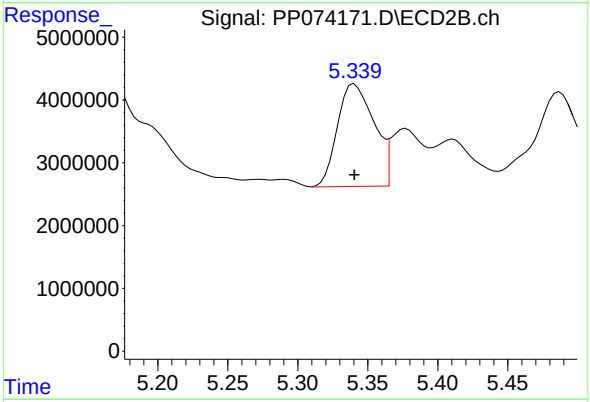
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml



#7 AR-1016-5

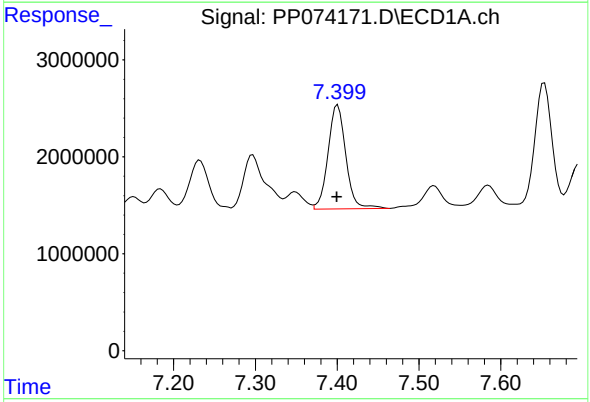
R.T.: 6.284 min
Delta R.T.: 0.001 min
Response: 9320877
Conc: 300.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



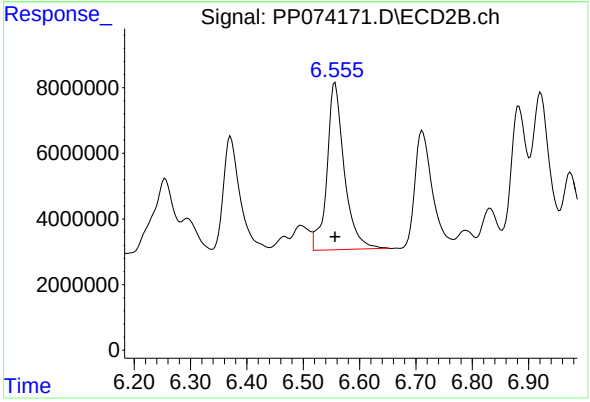
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



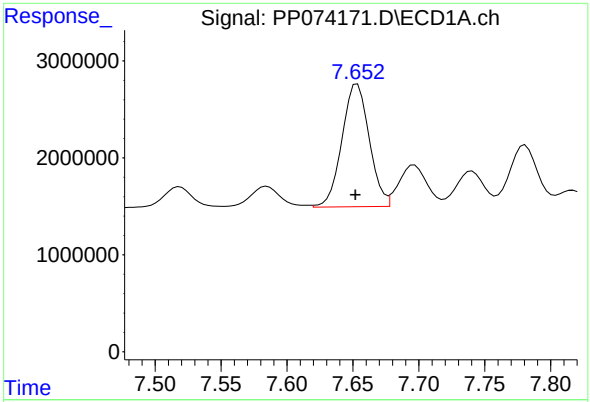
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.001 min
Response: 16203062
Conc: 304.63 ng/ml



#31 AR-1260-1

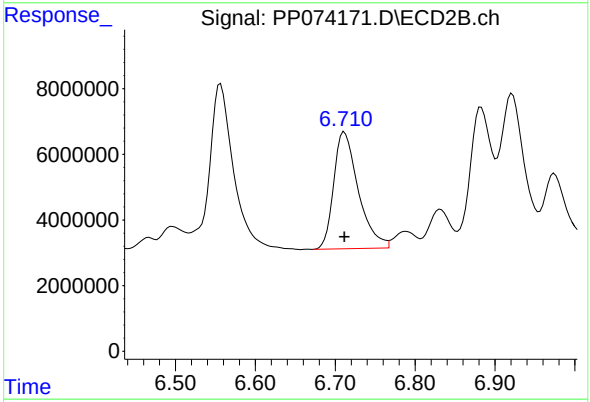
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



#32 AR-1260-2

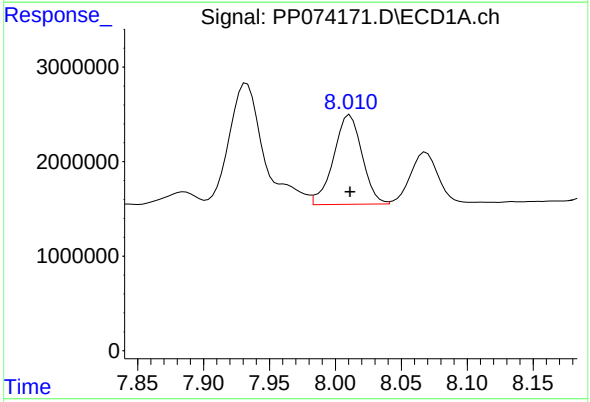
R.T.: 7.653 min
Delta R.T.: 0.001 min
Response: 18253217
Conc: 290.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



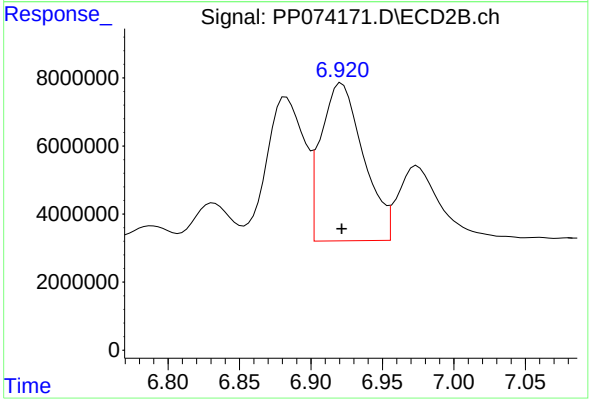
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



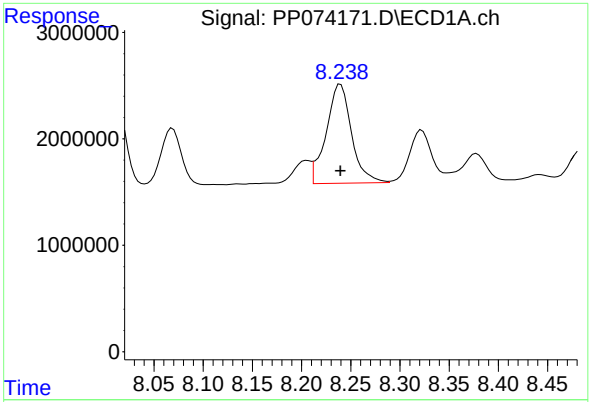
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

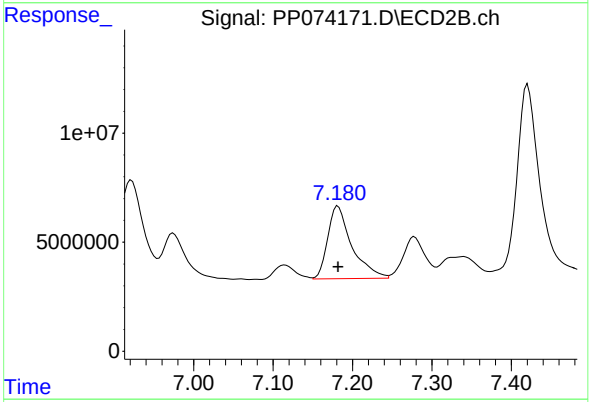
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



#34 AR-1260-4

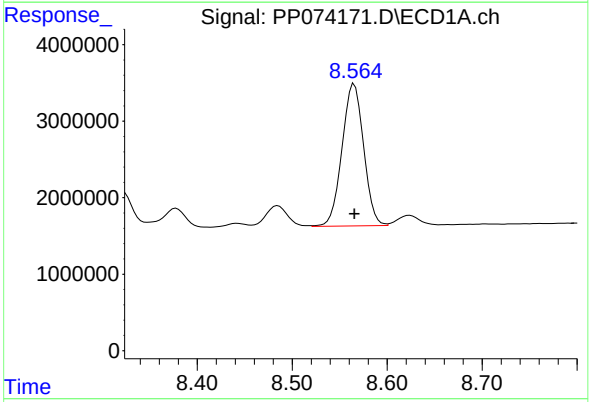
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



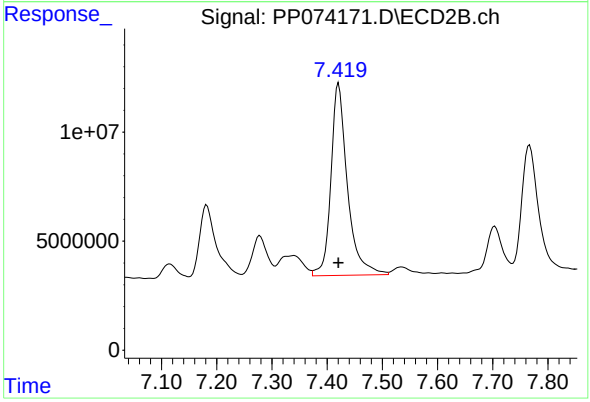
#34 AR-1260-4

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	#

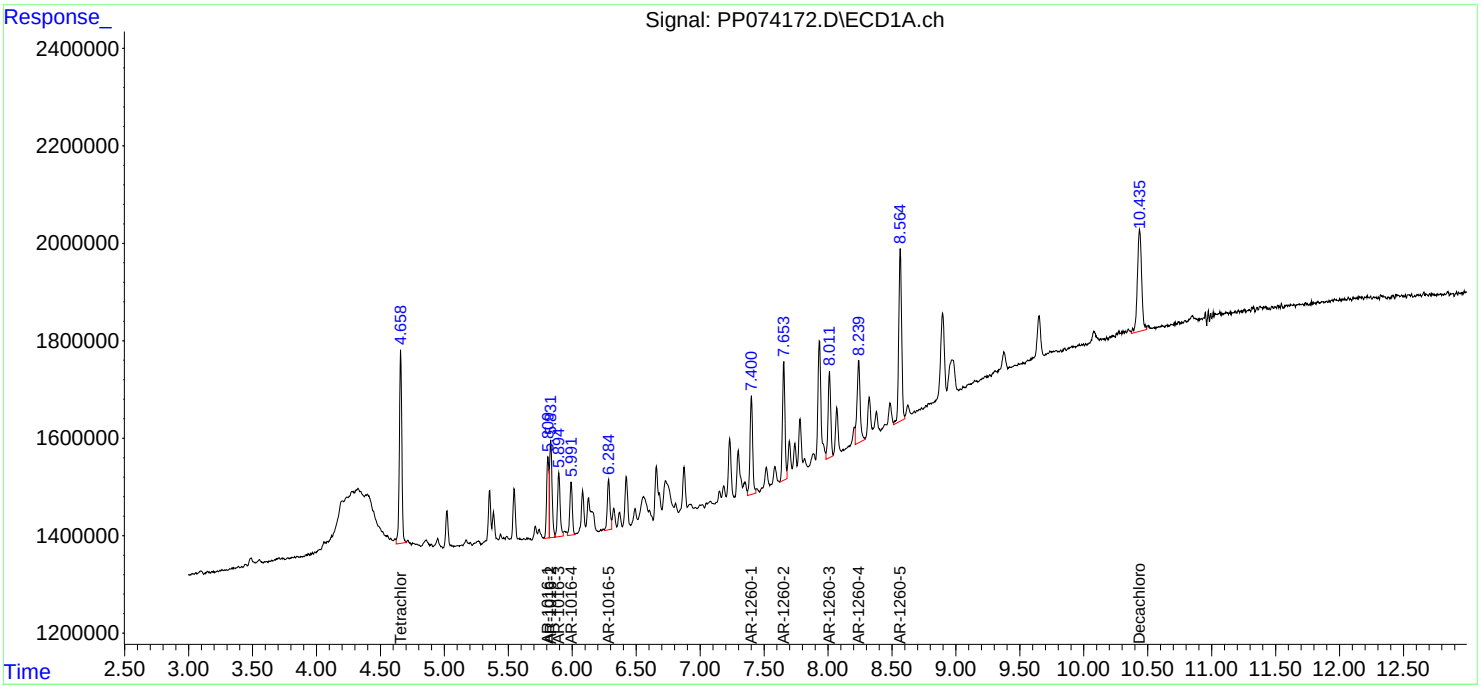
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

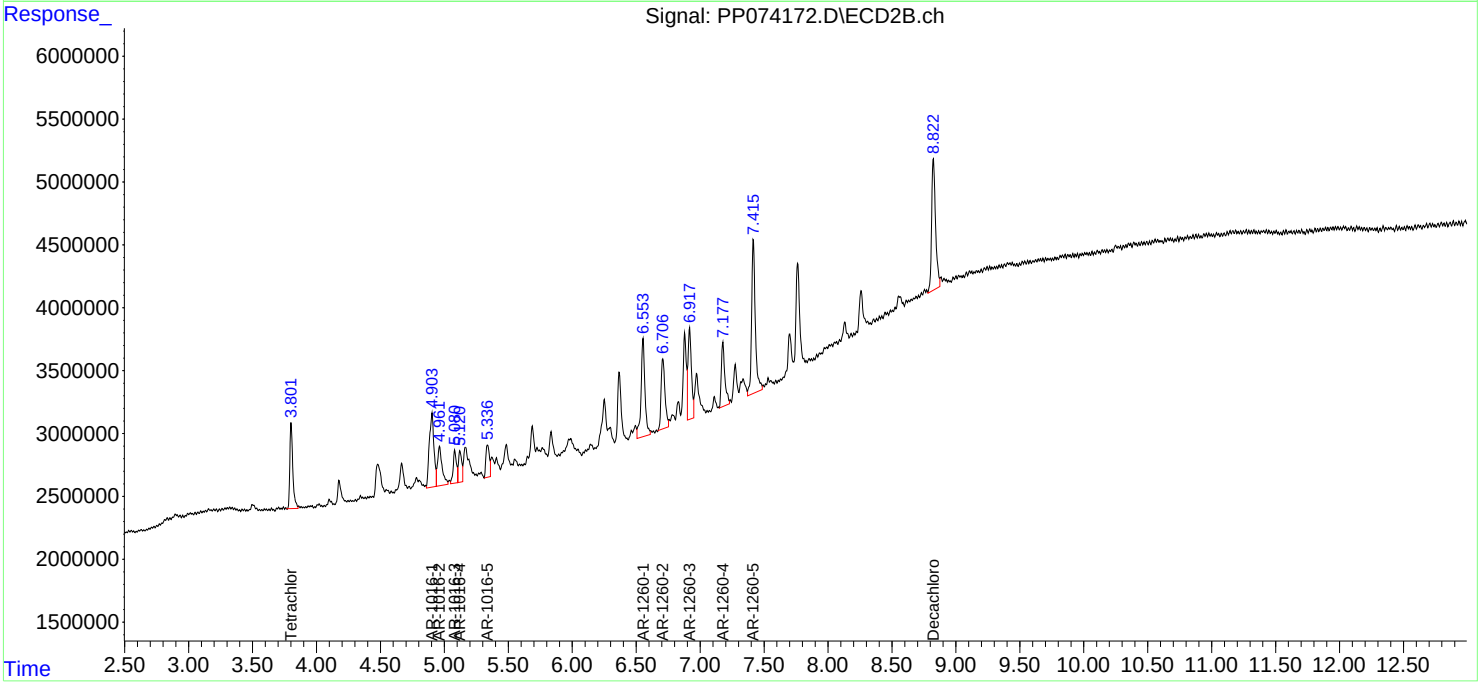
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:10
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

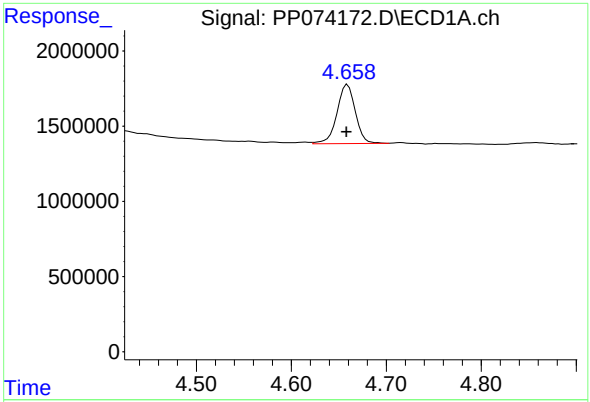
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

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



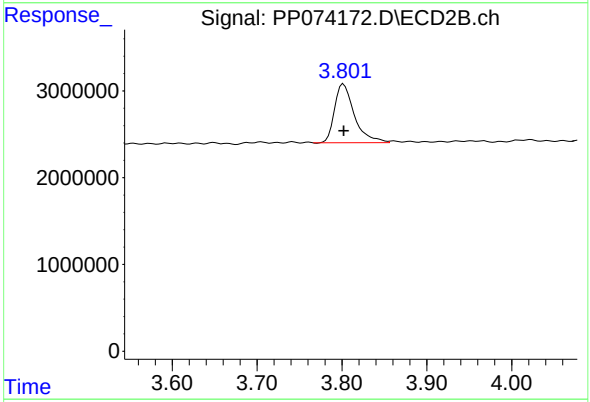




#1 Tetrachloro-m-xylene

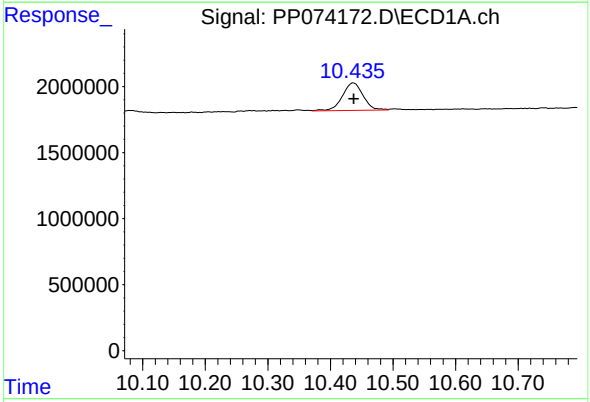
R.T.: 4.659 min
Delta R.T.: 0.001 min
Response: 5276522
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



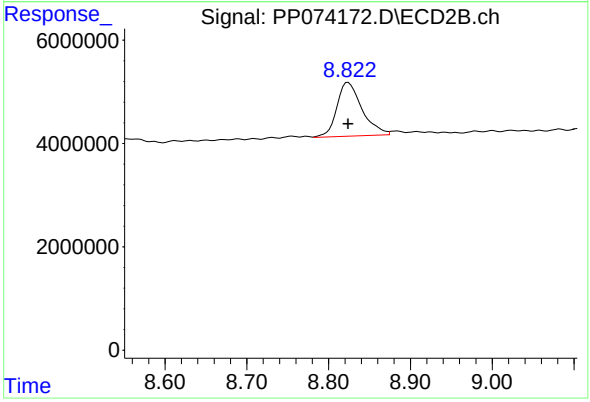
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 10952936
Conc: 3.00 ng/ml



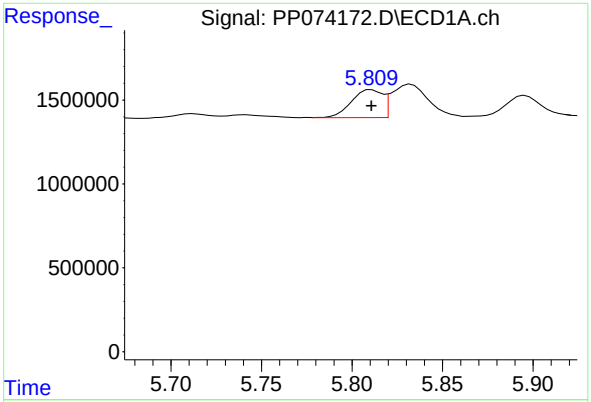
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 4796081
Conc: 5.14 ng/ml



#2 Decachlorobiphenyl

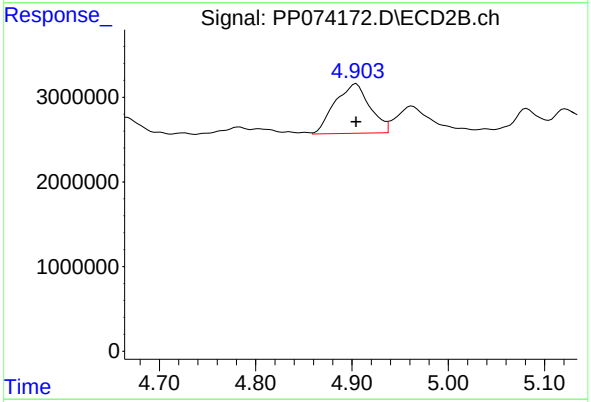
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 22193655
Conc: 3.86 ng/ml



#3 AR-1016-1

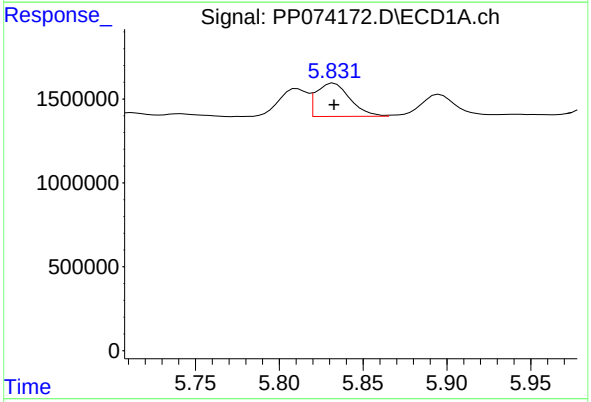
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1988336
Conc: 50.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



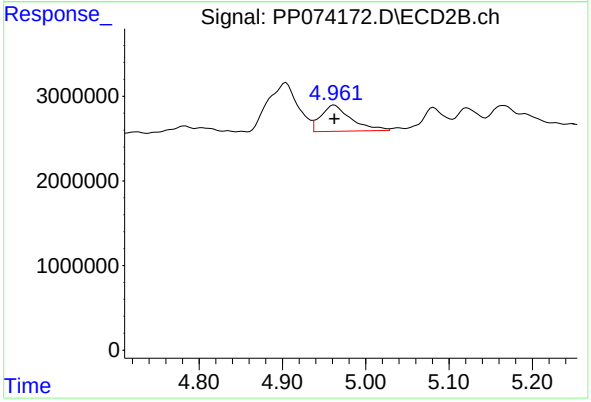
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 14775918
Conc: 38.89 ng/ml



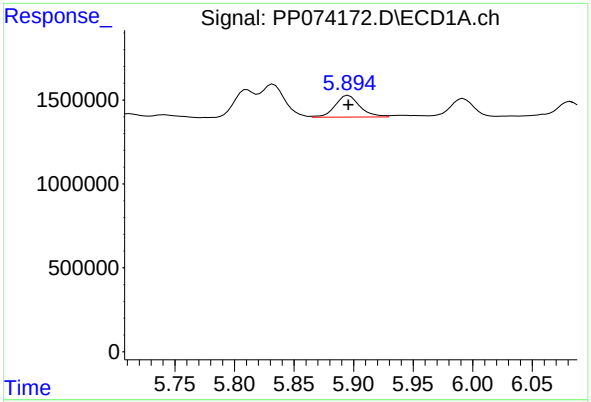
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 2791158
Conc: 48.82 ng/ml



#4 AR-1016-2

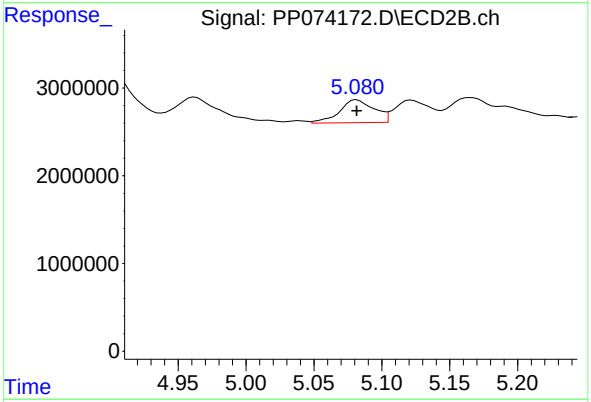
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7843665
Conc: 42.53 ng/ml



#5 AR-1016-3

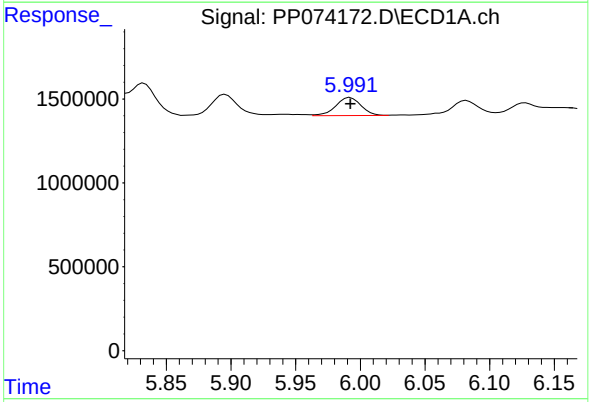
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1878829
Conc: 50.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



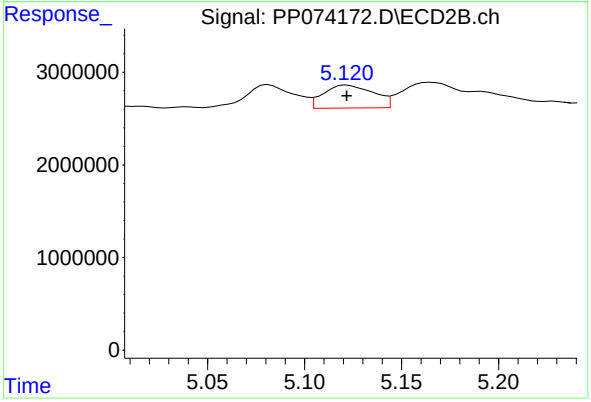
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4619486
Conc: 44.08 ng/ml



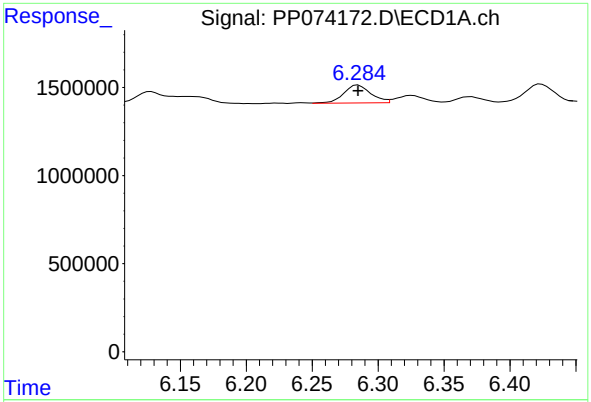
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 1465464
Conc: 47.57 ng/ml



#6 AR-1016-4

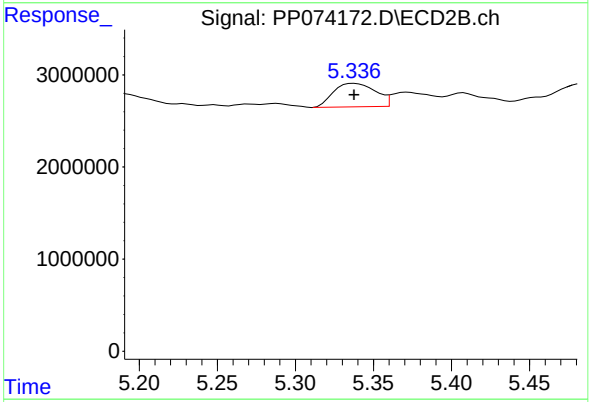
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 4449408
Conc: 42.85 ng/ml



#7 AR-1016-5

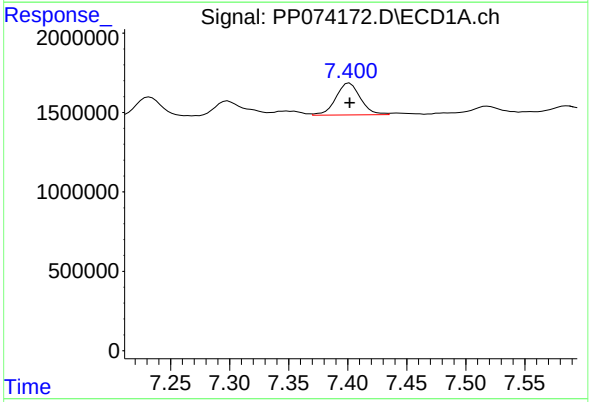
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 1456706
Conc: 47.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



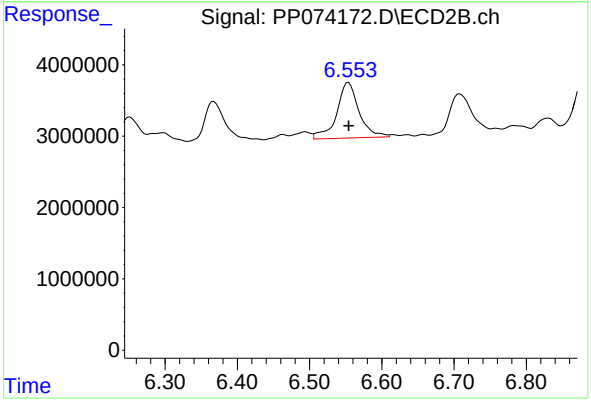
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 4779894
Conc: 42.13 ng/ml



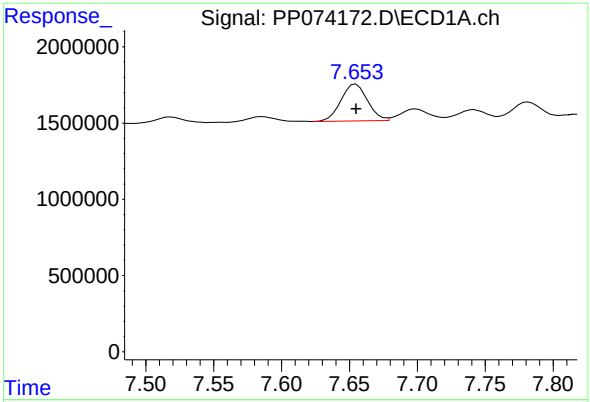
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2907384
Conc: 53.84 ng/ml



#31 AR-1260-1

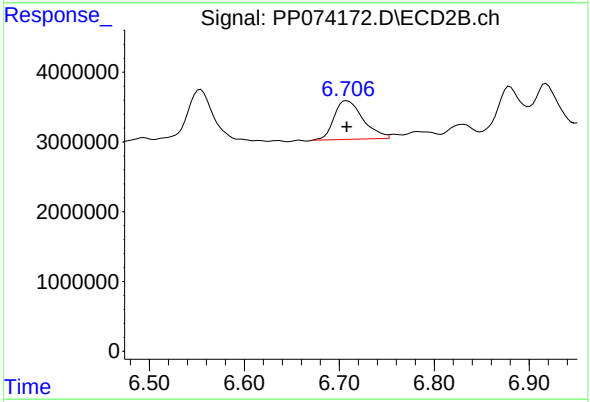
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 16702003
Conc: 42.31 ng/ml



#32 AR-1260-2

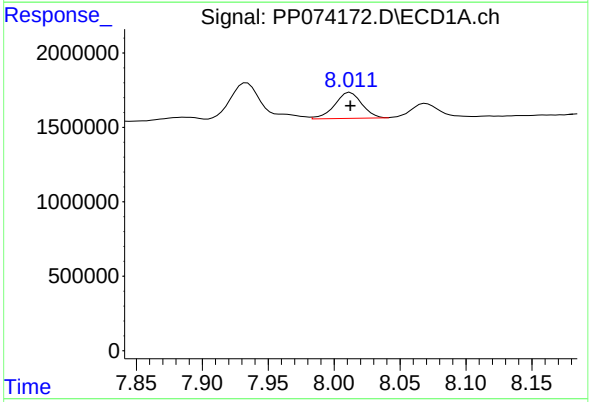
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 3290166
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



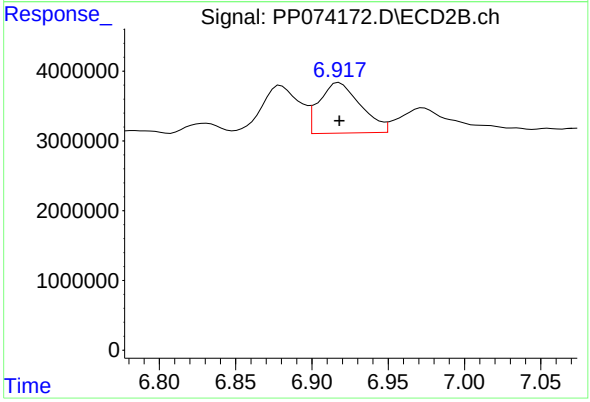
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 11775837
Conc: 40.36 ng/ml



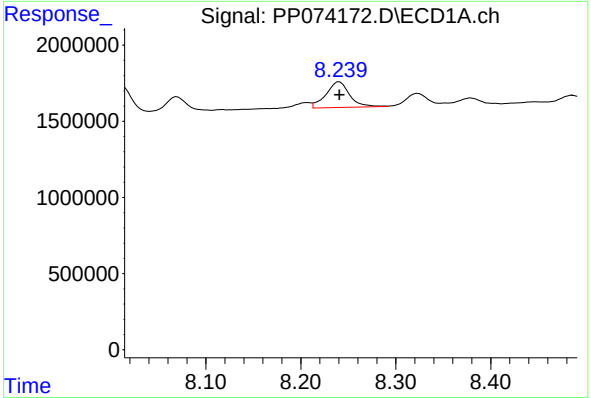
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 2515483
Conc: 50.08 ng/ml



#33 AR-1260-3

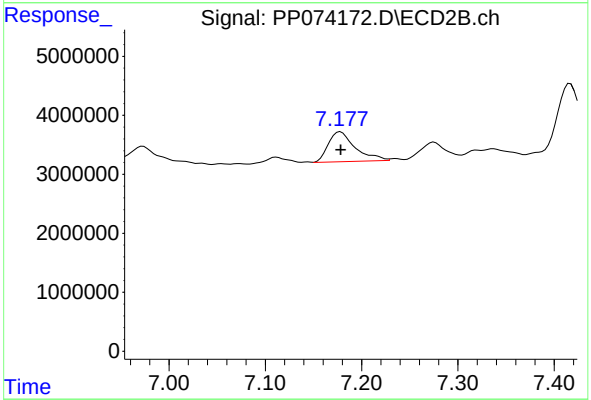
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 13666247
Conc: 36.22 ng/ml



#34 AR-1260-4

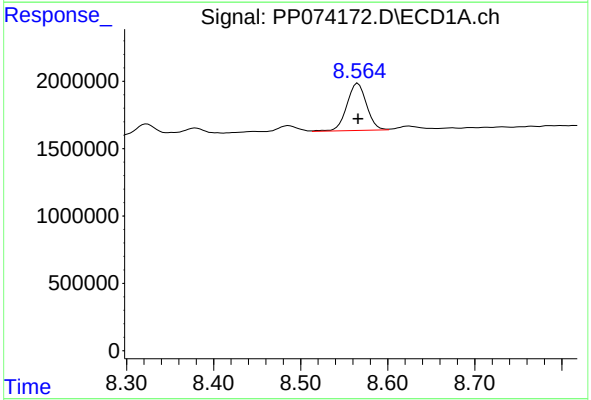
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 2924100
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



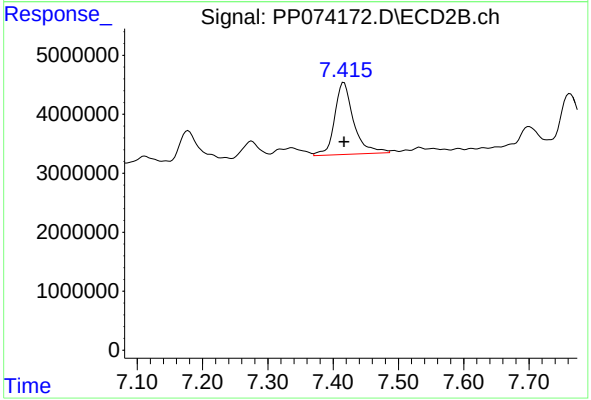
#34 AR-1260-4

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

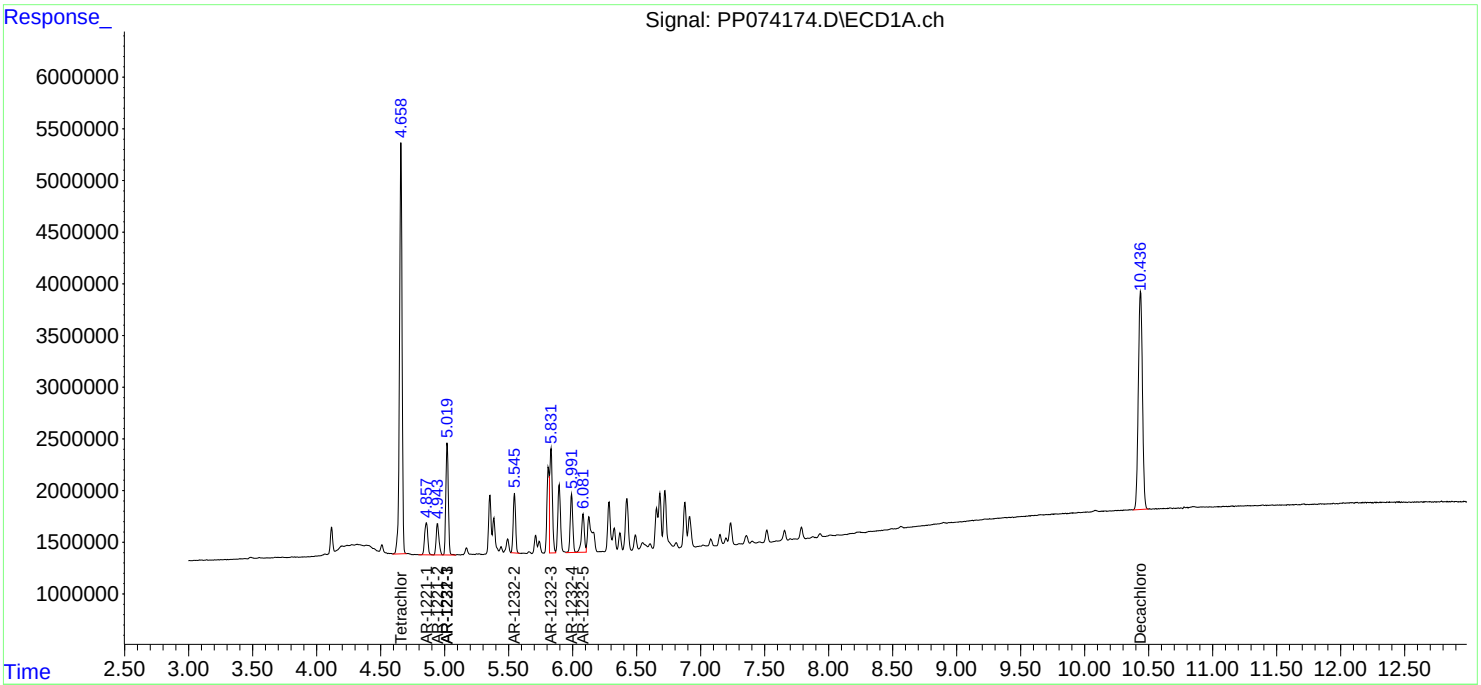
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

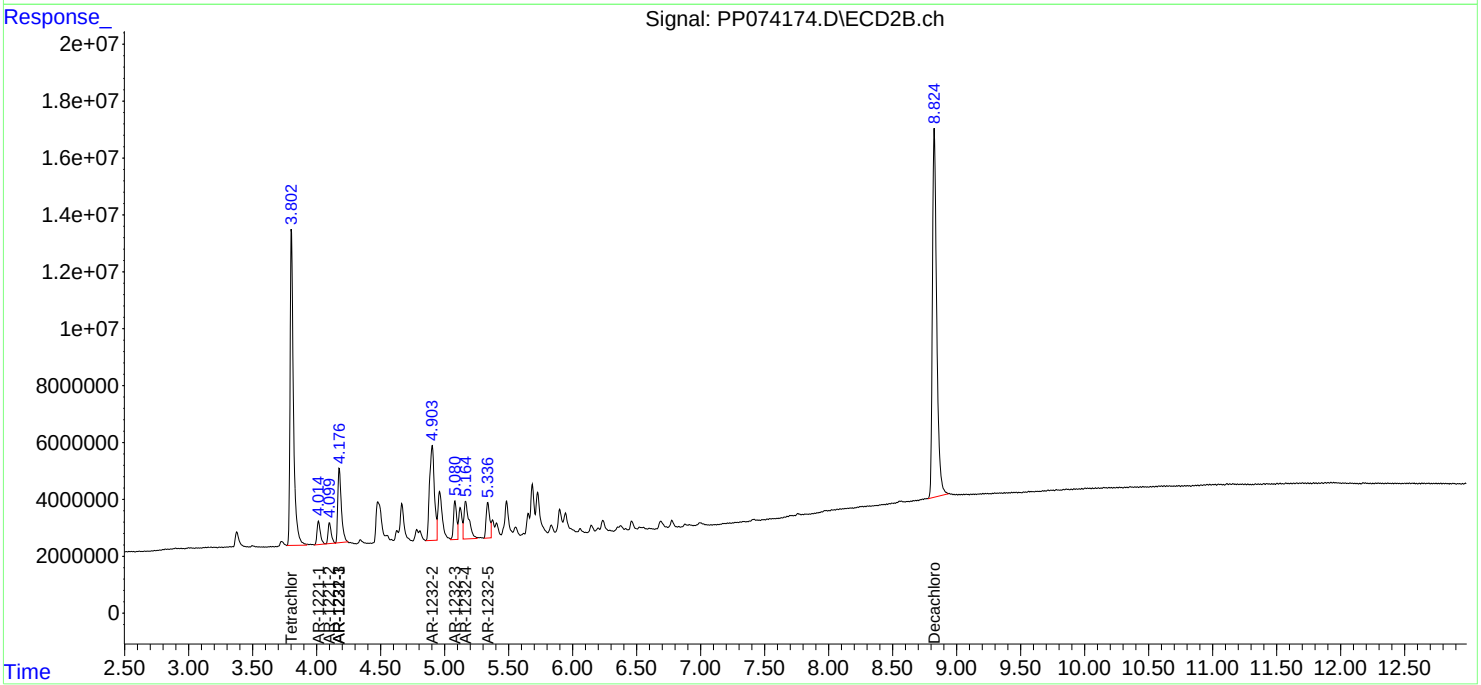
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

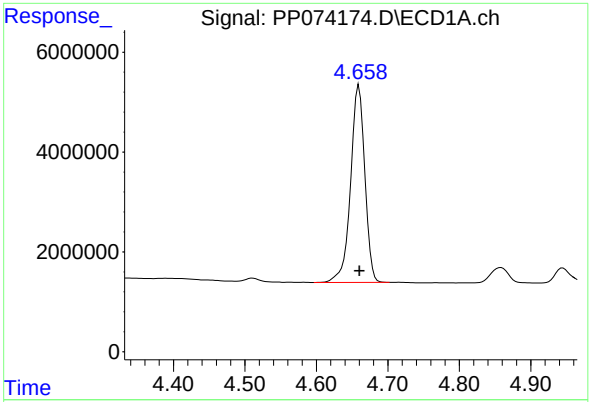
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

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



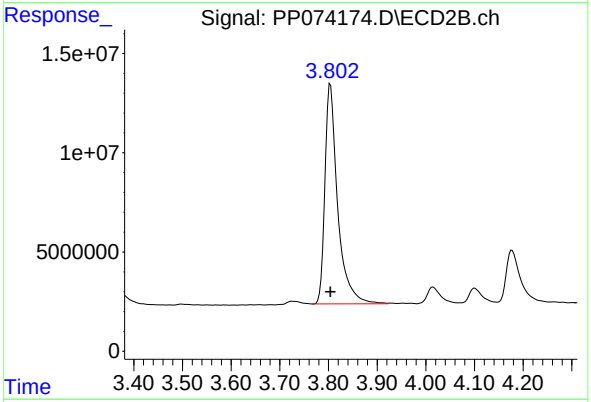




#1 Tetrachloro-m-xylene

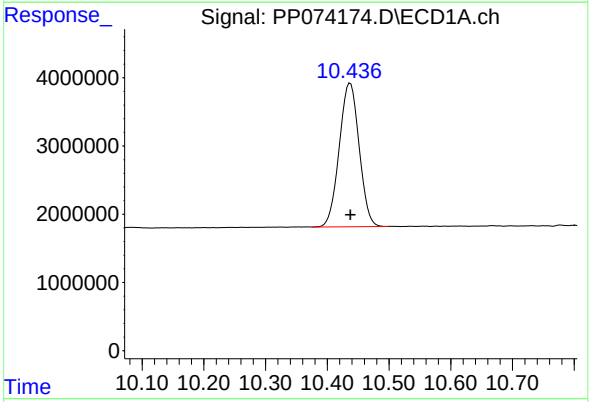
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



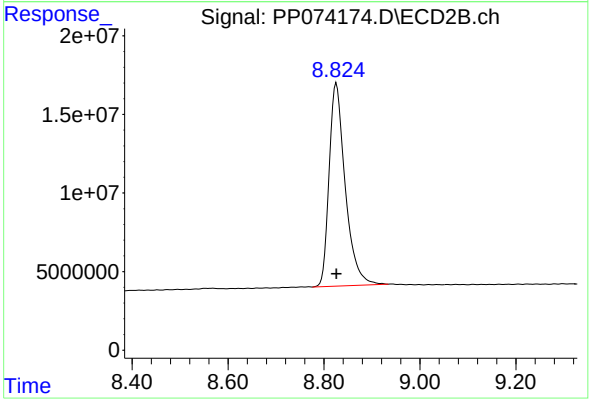
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



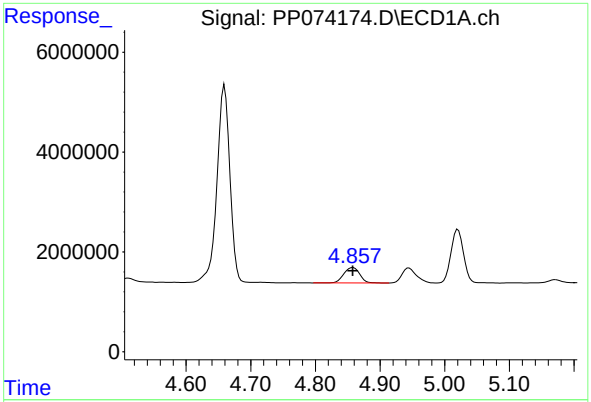
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

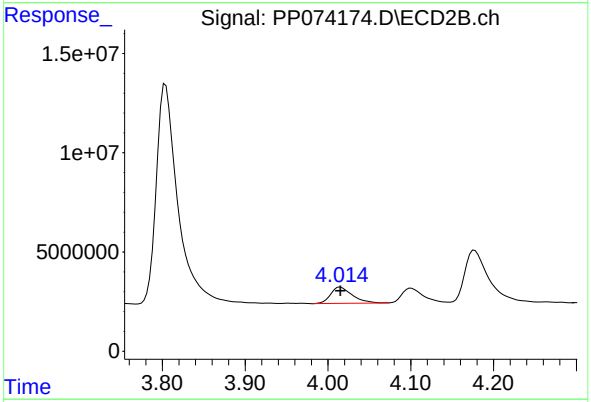
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



#8 AR-1221-1

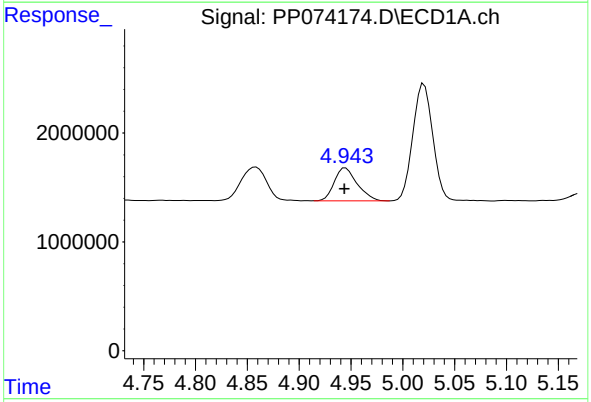
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 5316620
Conc: 317.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



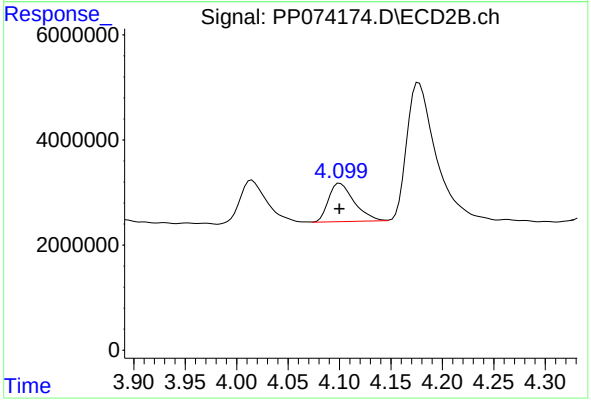
#8 AR-1221-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 14977475
Conc: 305.13 ng/ml



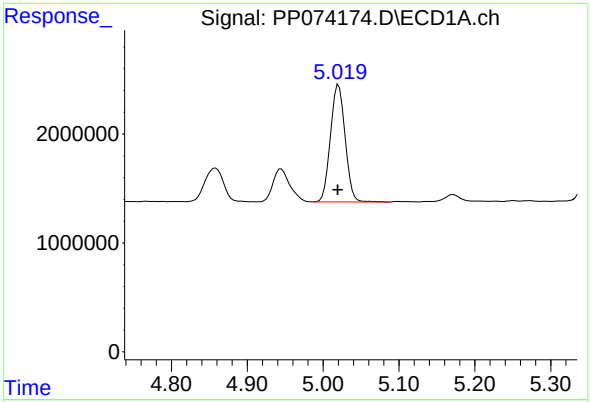
#9 AR-1221-2

R.T.: 4.945 min
Delta R.T.: 0.001 min
Response: 4648979
Conc: 368.94 ng/ml



#9 AR-1221-2

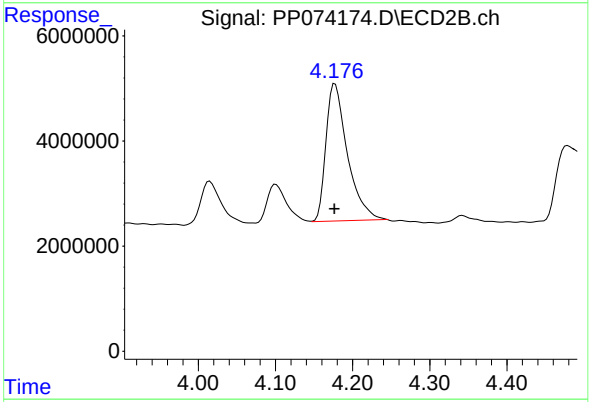
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 12599168
Conc: 351.06 ng/ml



#10 AR-1221-3

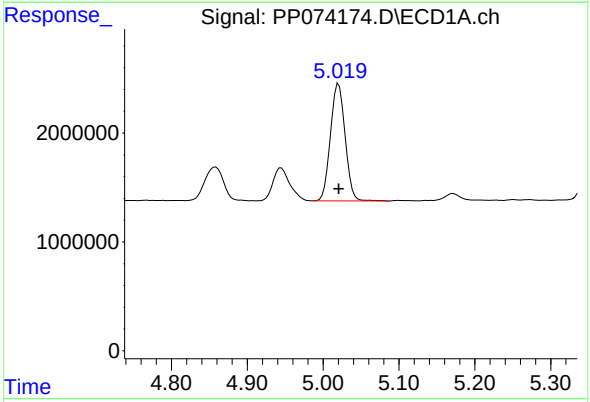
R.T.: 5.020 min
Delta R.T.: 0.001 min
Response: 14518661
Conc: 396.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



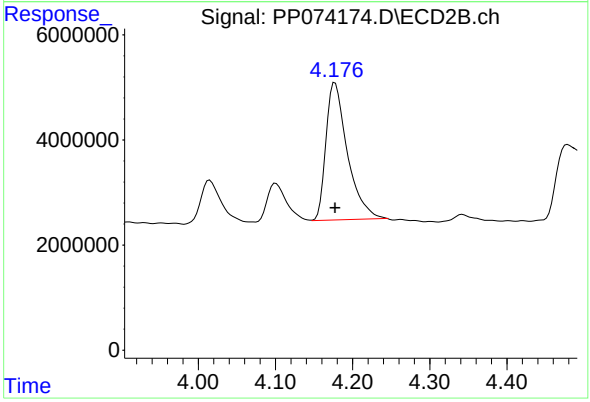
#10 AR-1221-3

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 374.79 ng/ml



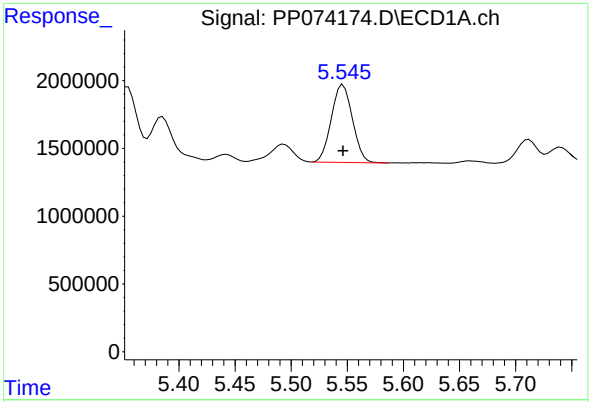
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml



#11 AR-1232-1

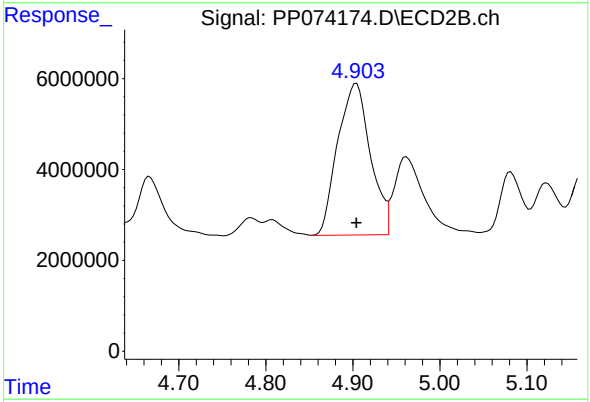
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



#12 AR-1232-2

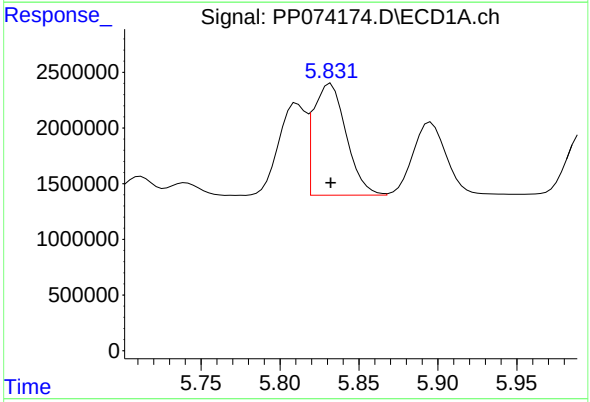
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



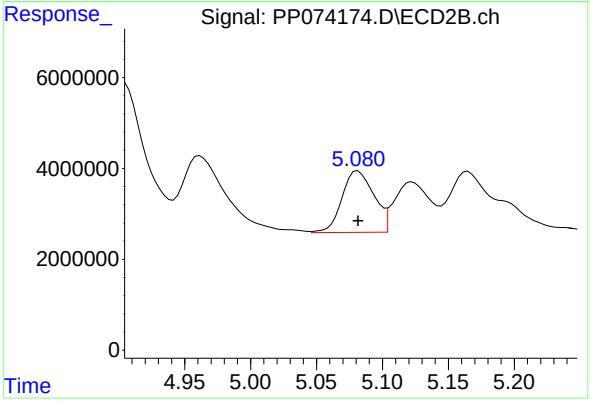
#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml



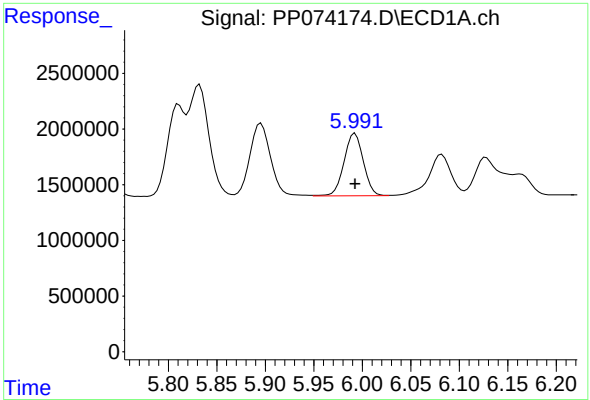
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml



#13 AR-1232-3

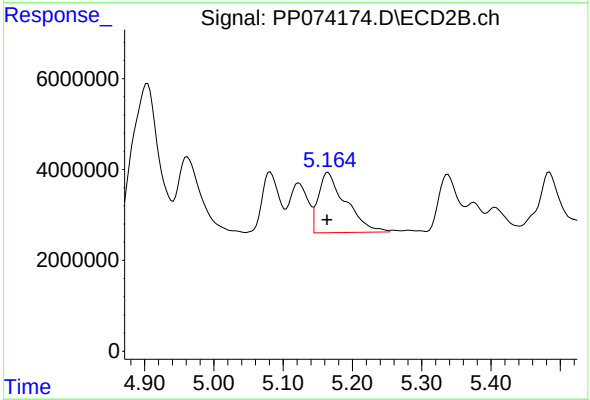
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml



#14 AR-1232-4

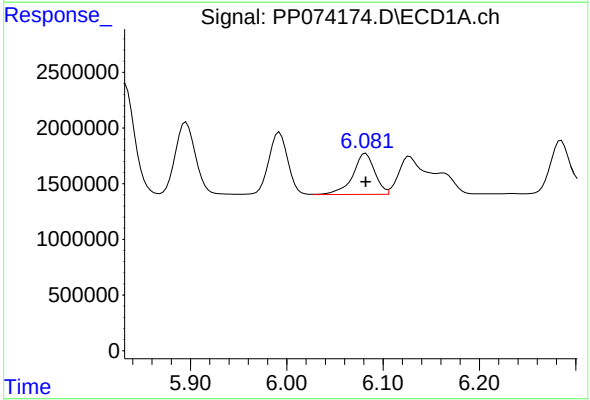
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



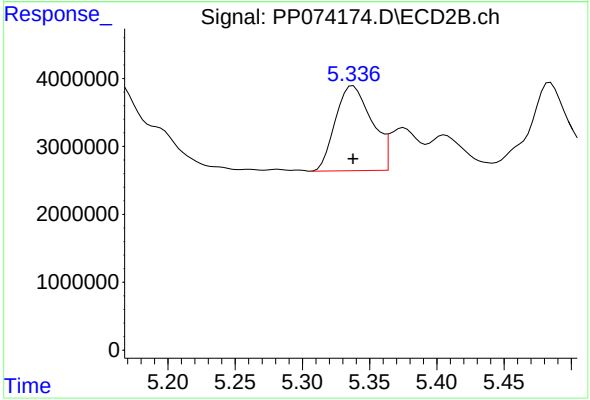
#14 AR-1232-4

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

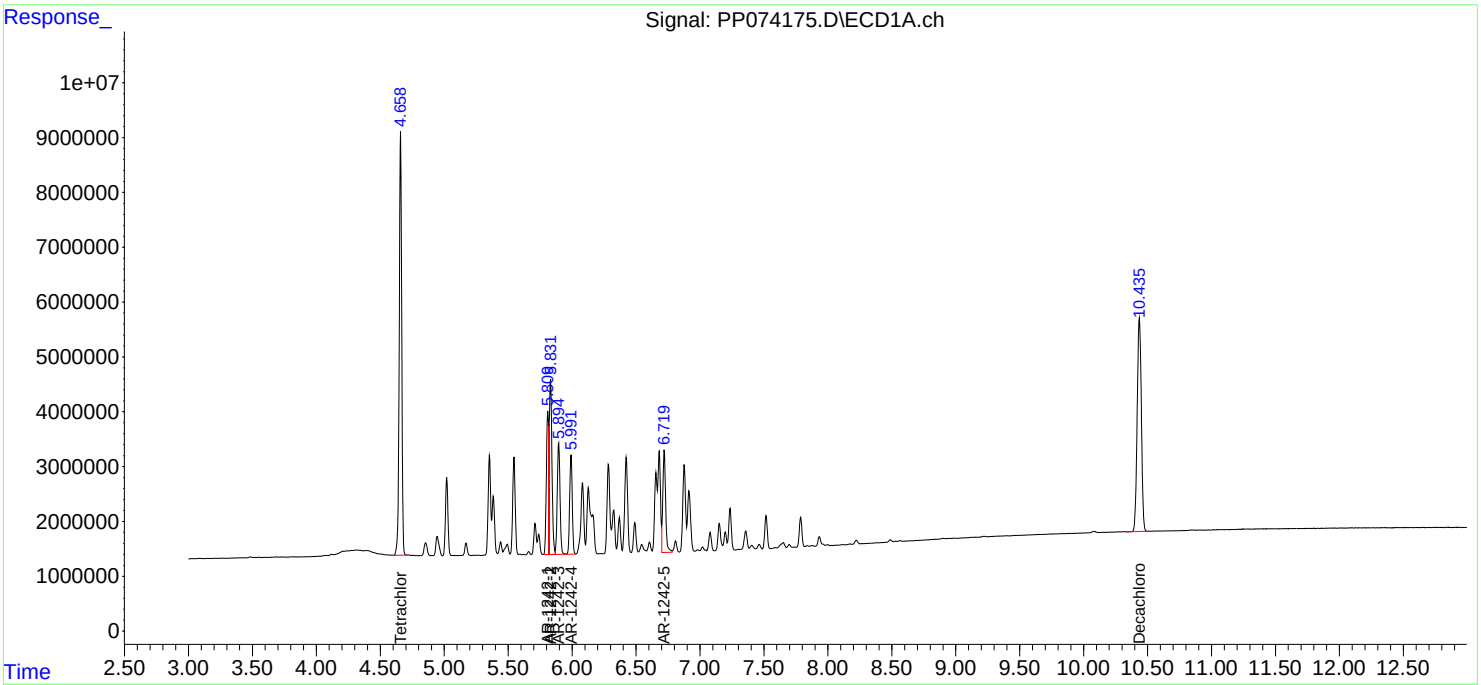
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

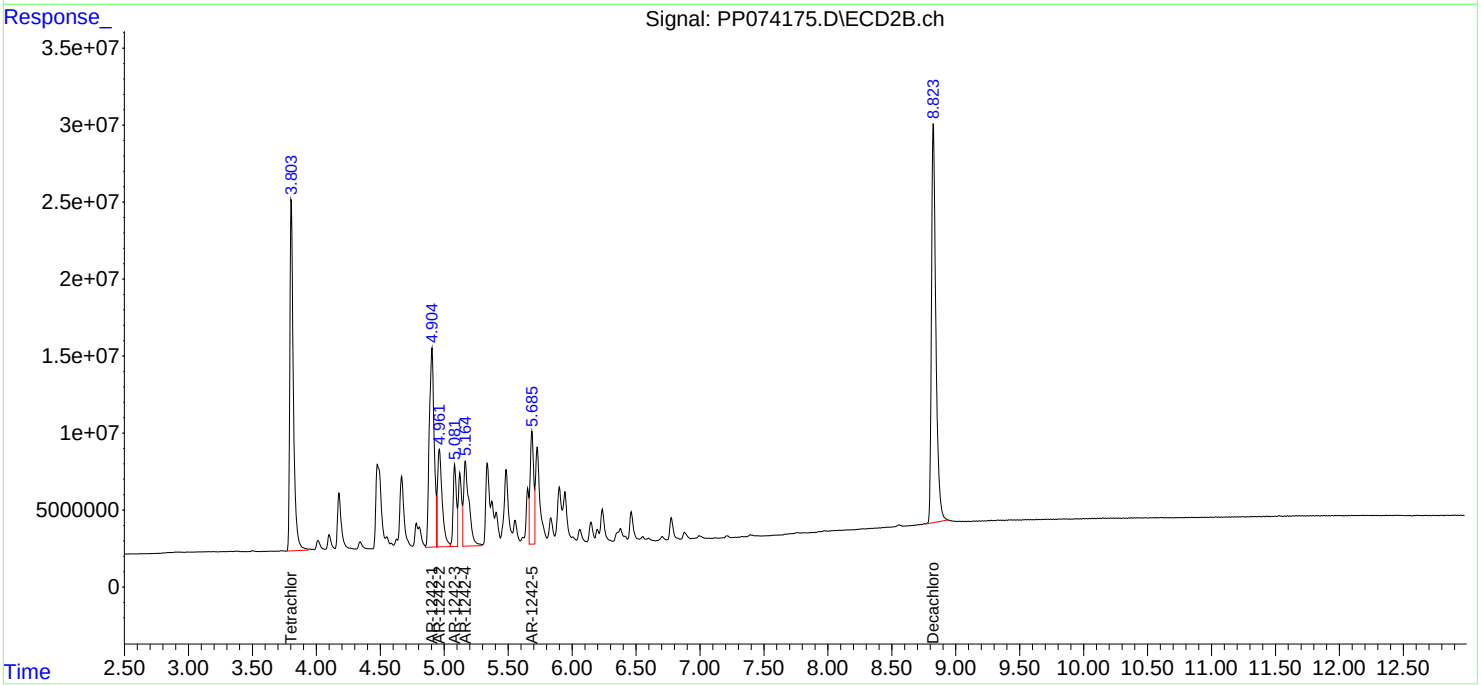
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

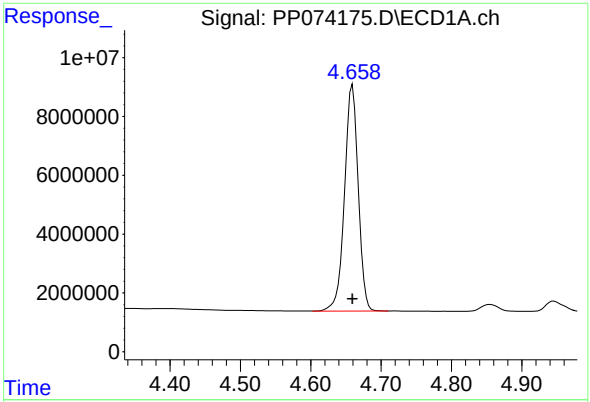
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

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



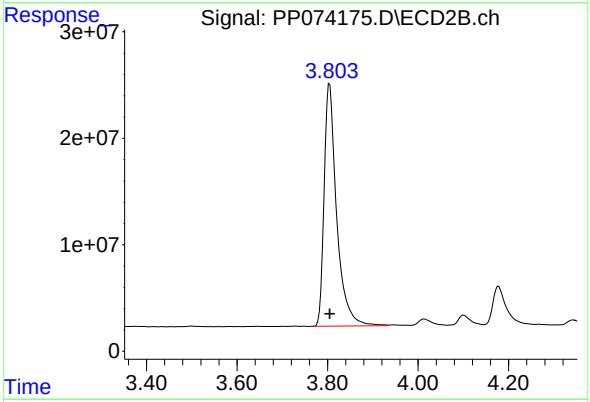




#1 Tetrachloro-m-xylene

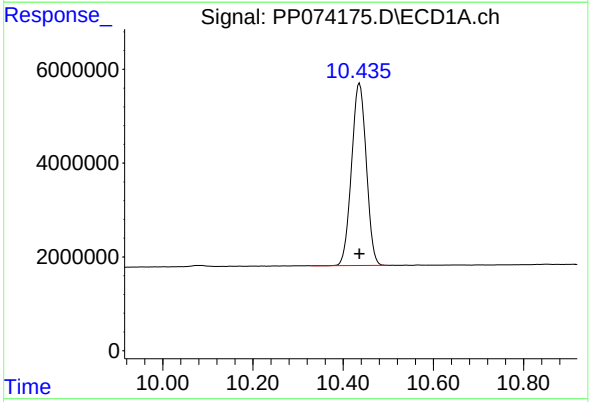
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



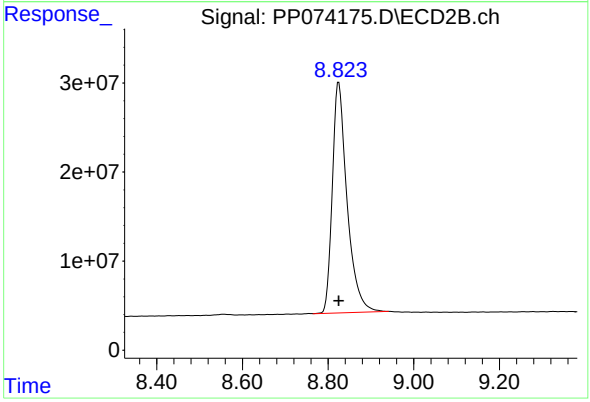
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml



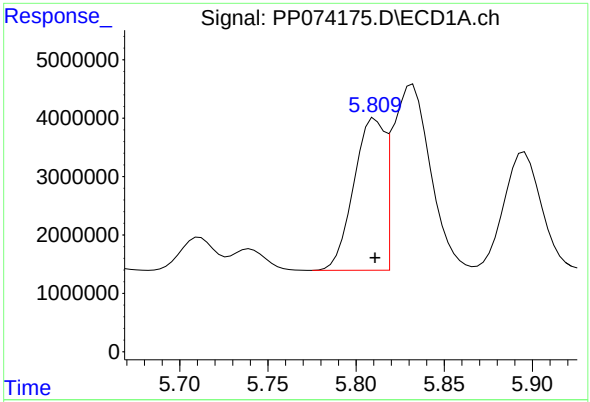
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml



#2 Decachlorobiphenyl

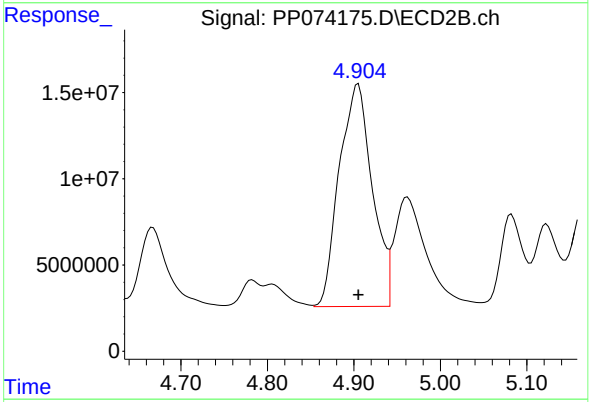
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml



#16 AR-1242-1

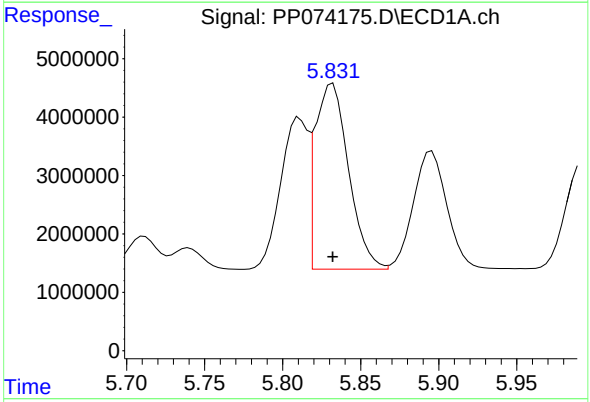
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



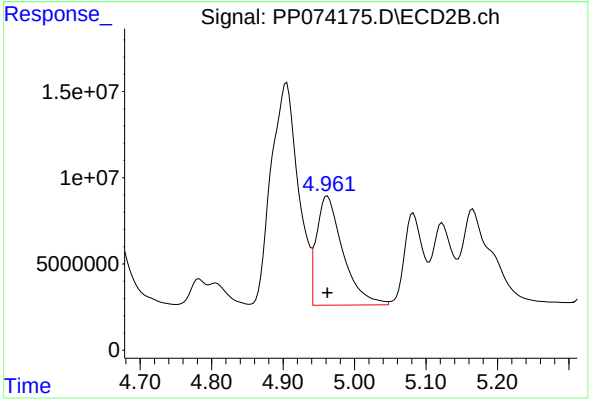
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml



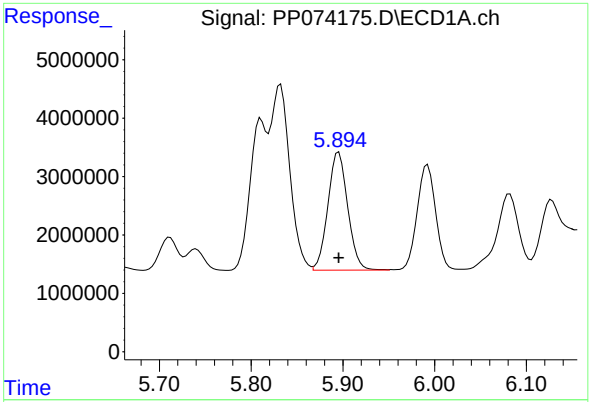
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml



#17 AR-1242-2

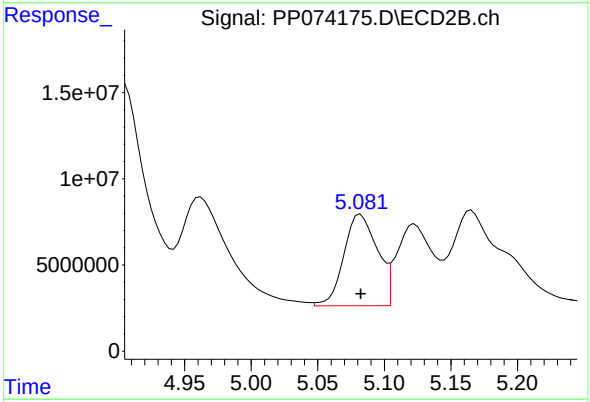
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml



#18 AR-1242-3

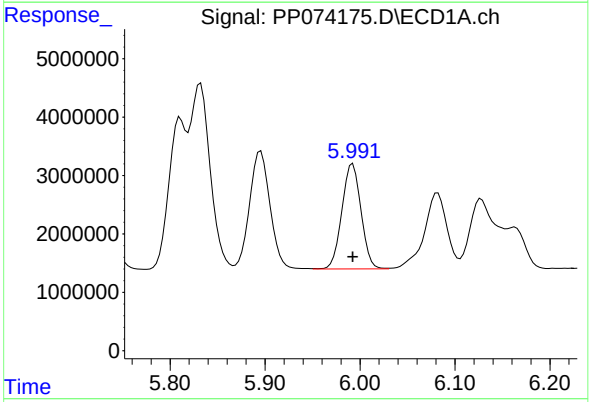
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



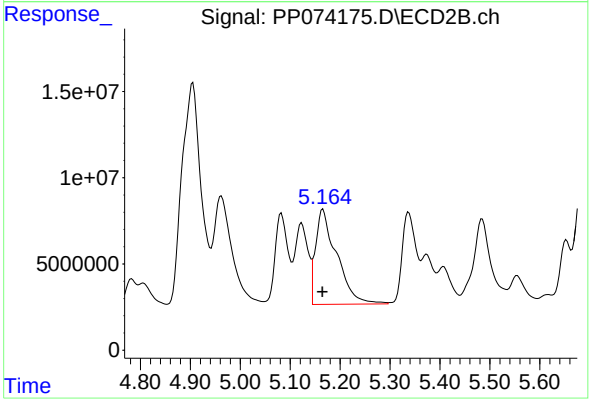
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml



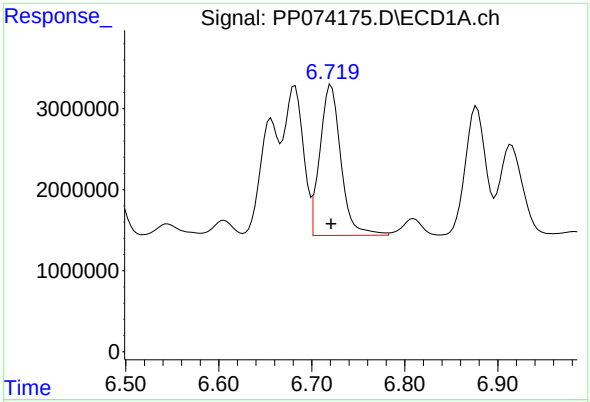
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml



#19 AR-1242-4

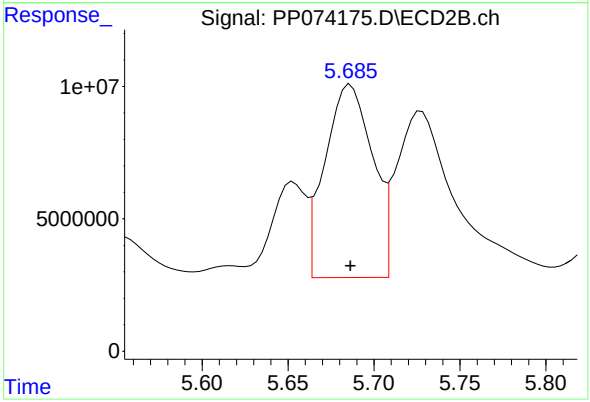
R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 162521092
Conc: 1303.69 ng/ml



#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

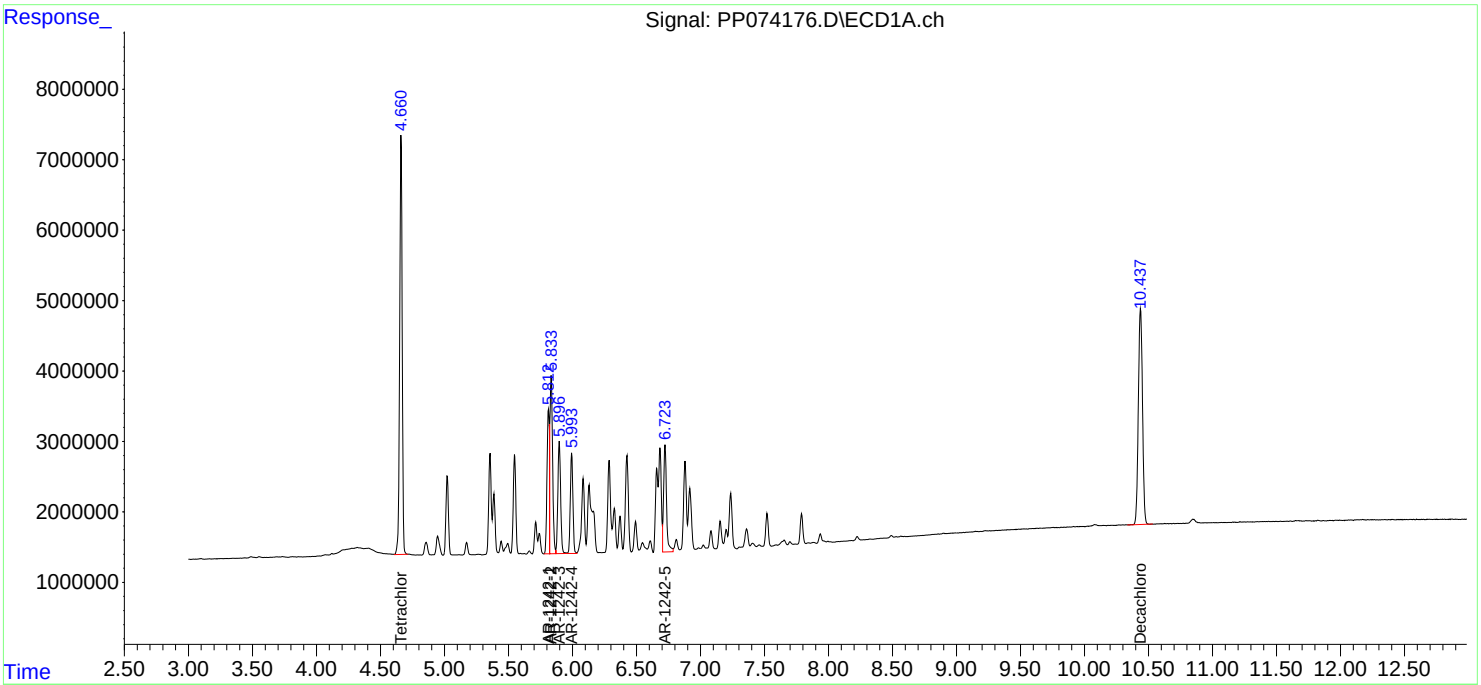
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

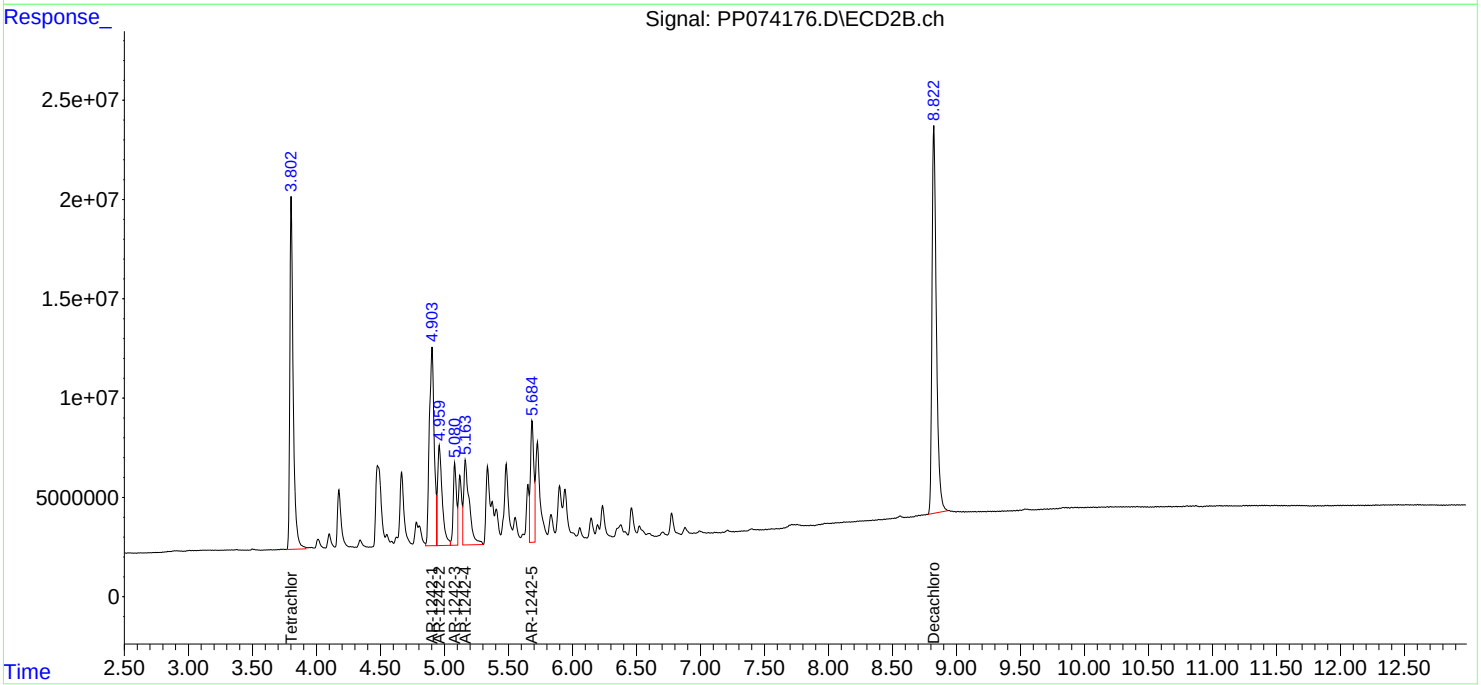
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

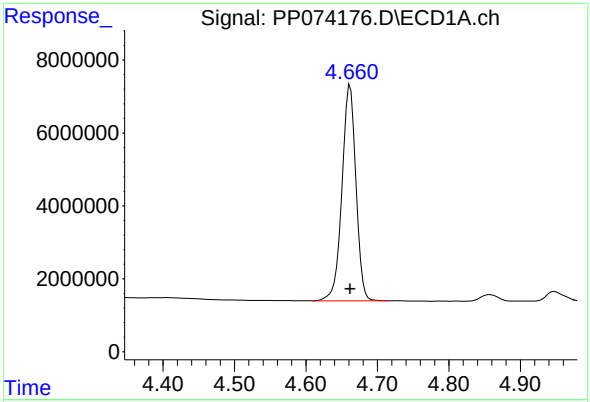
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

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



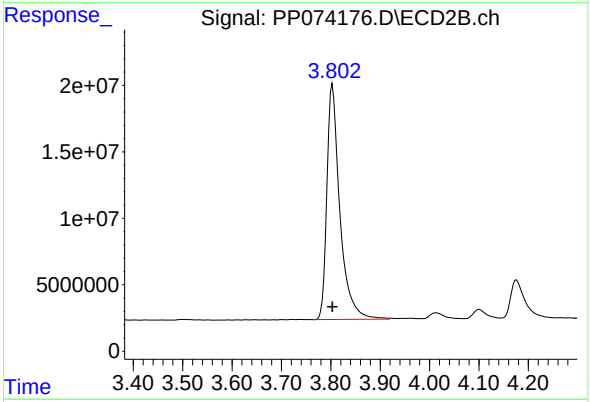




#1 Tetrachloro-m-xylene

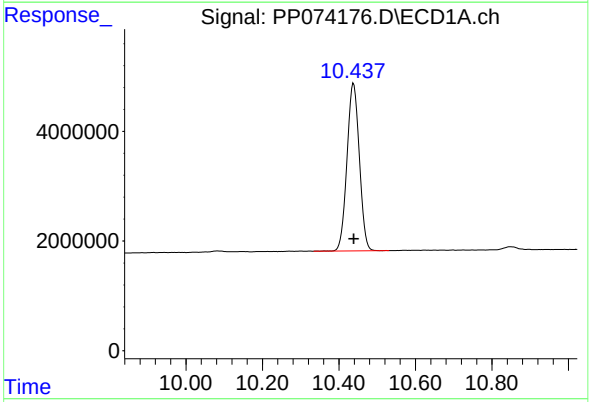
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



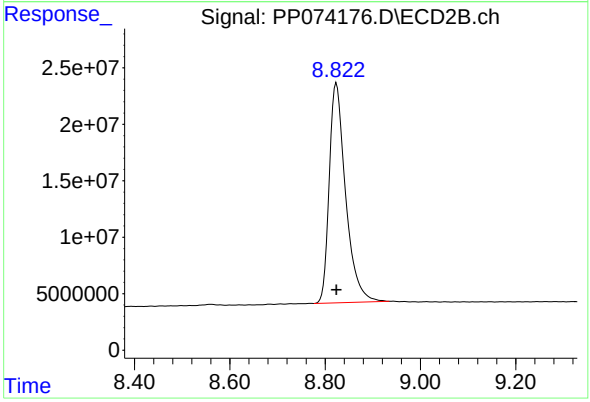
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml



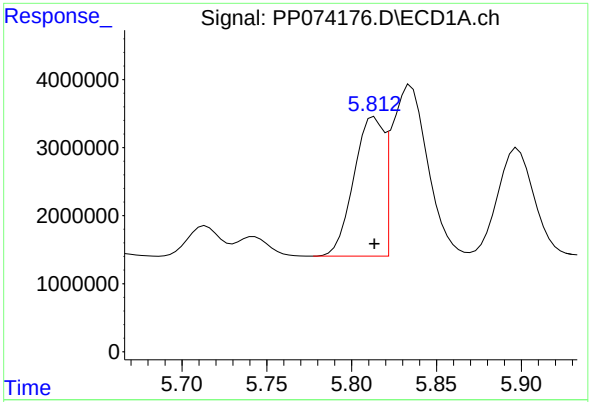
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml



#2 Decachlorobiphenyl

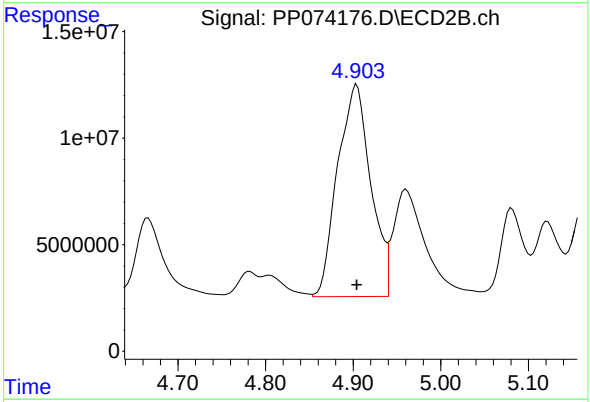
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



#16 AR-1242-1

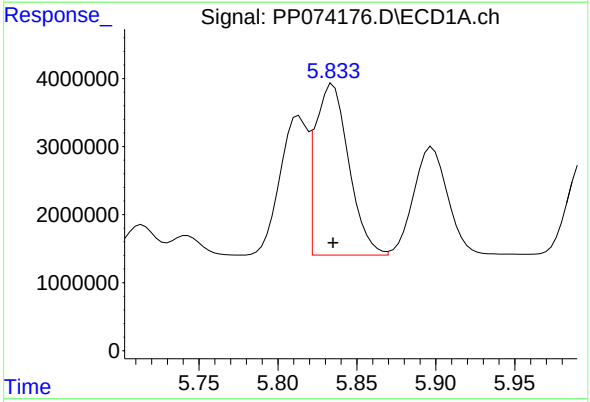
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



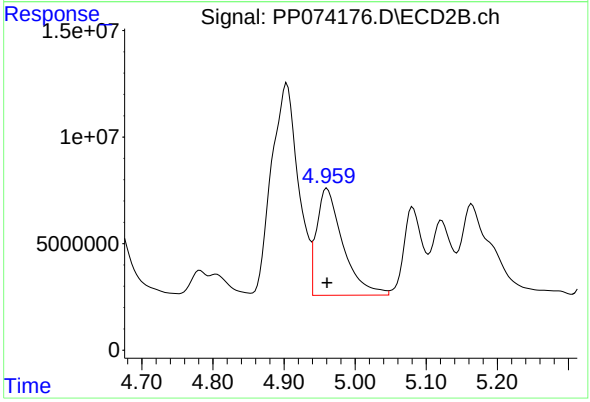
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



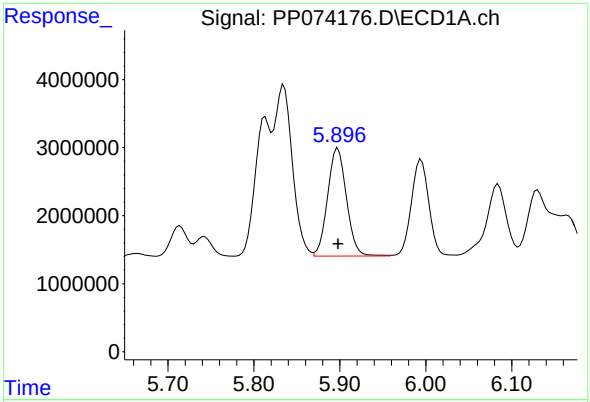
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

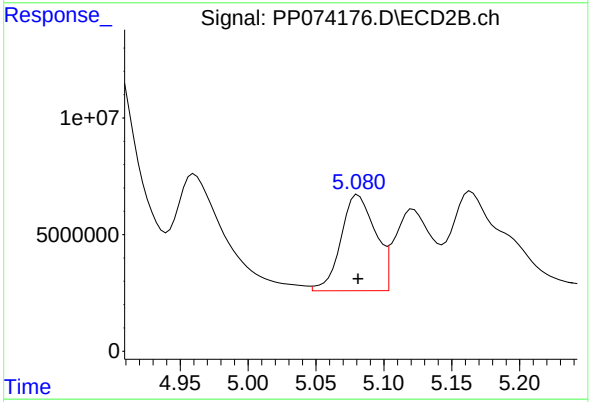
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



#18 AR-1242-3

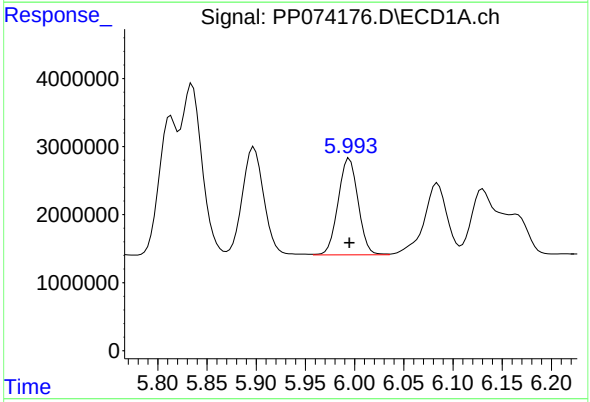
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



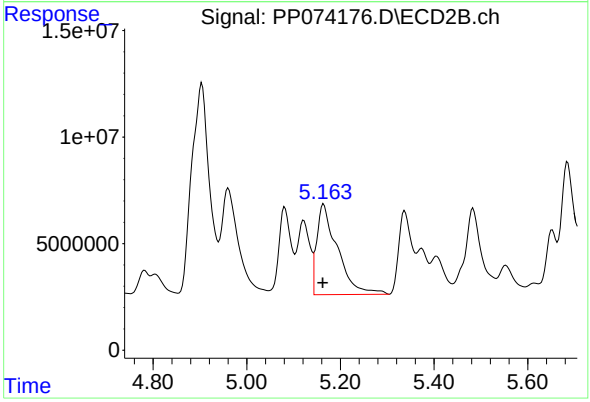
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



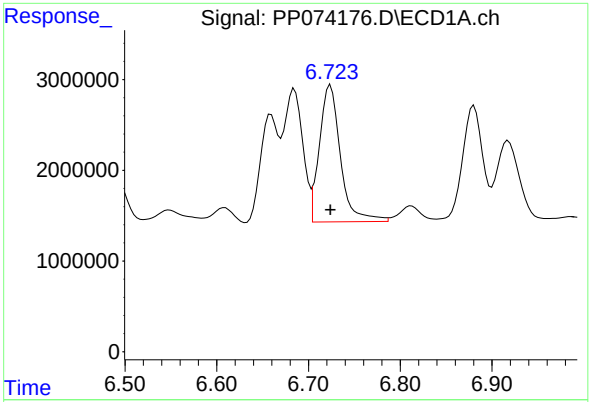
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

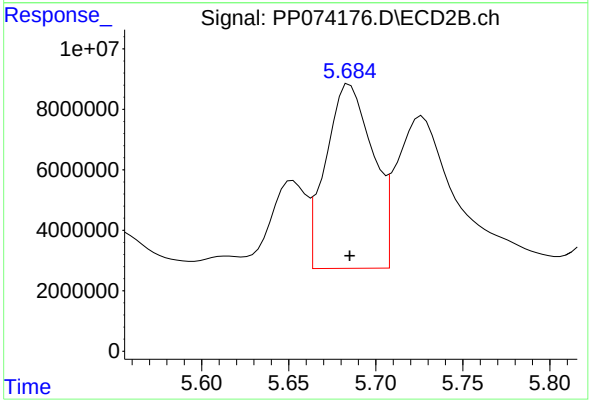
R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 130863576
Conc: 1065.58 ng/ml



#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

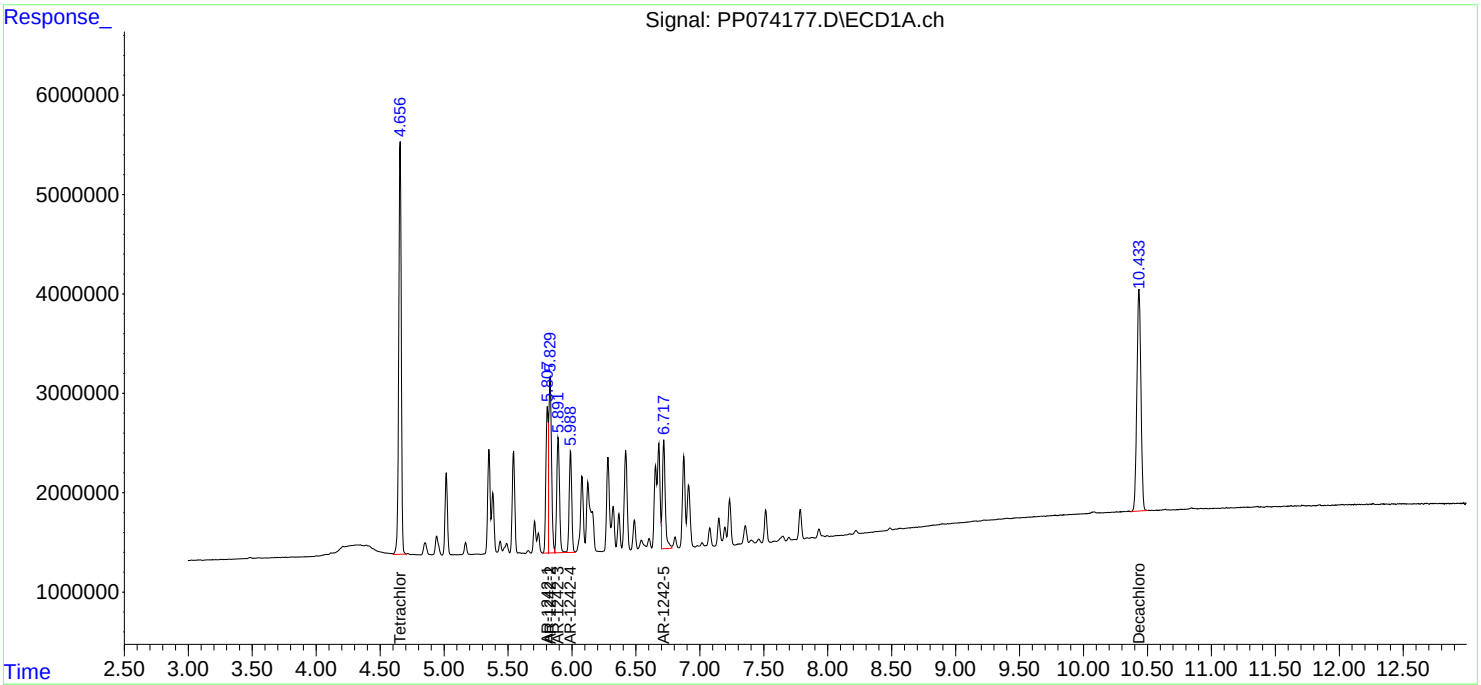
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

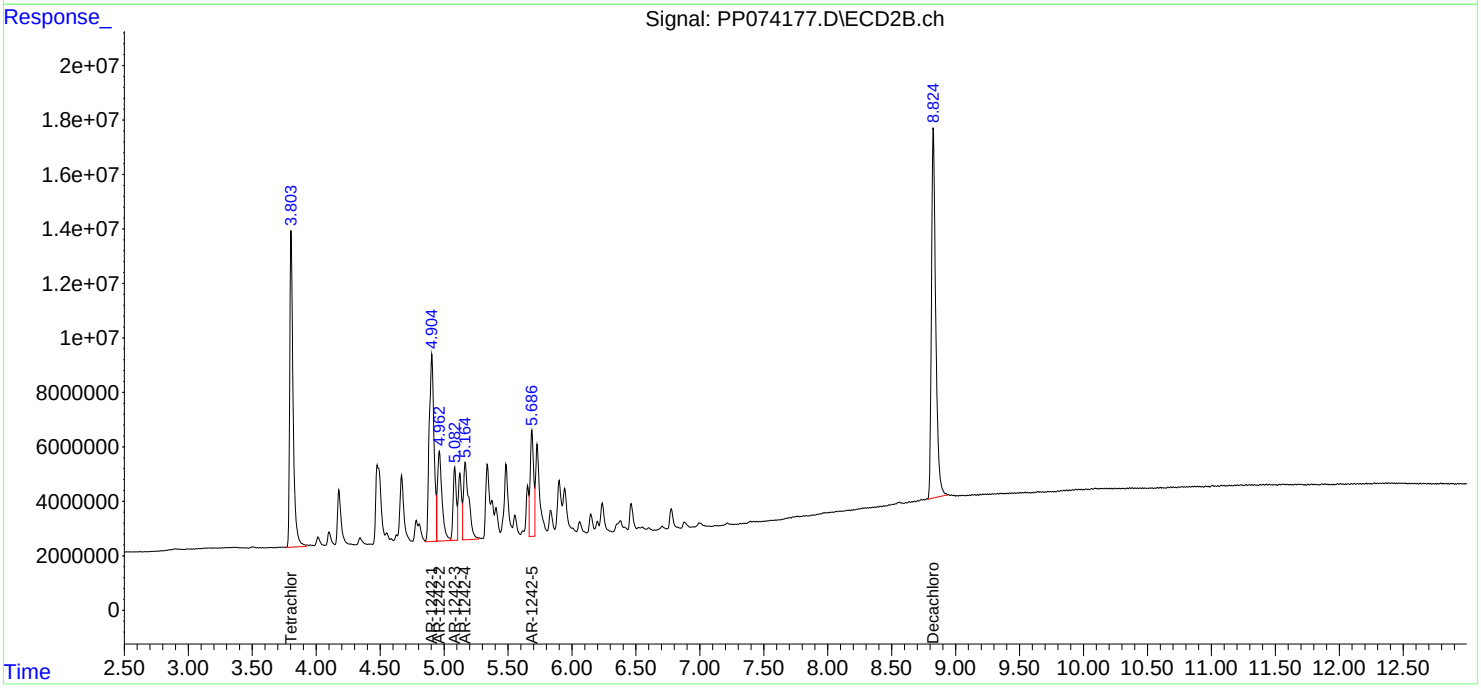
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

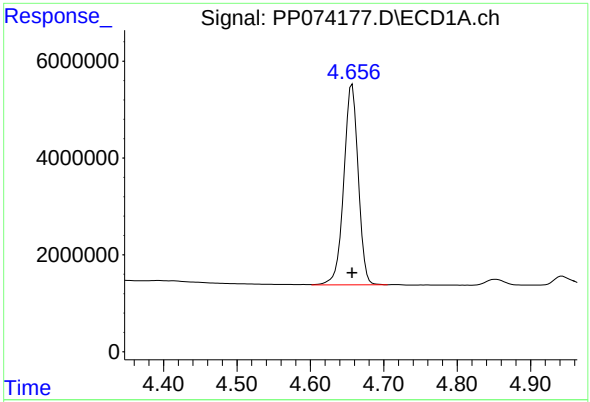
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

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



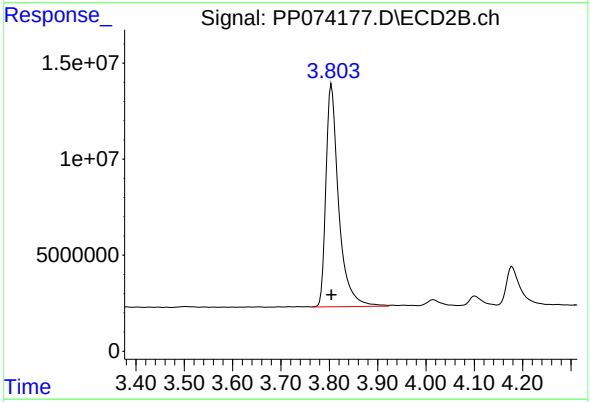




#1 Tetrachloro-m-xylene

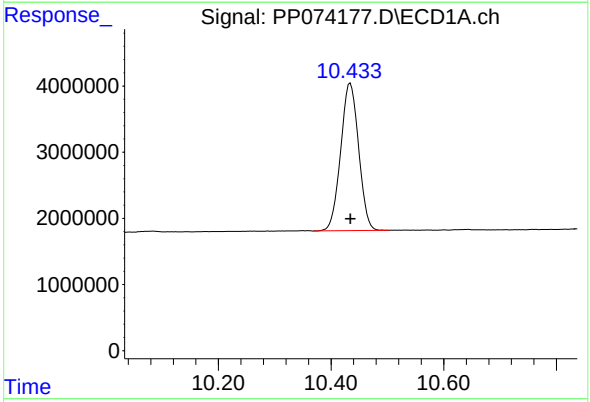
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



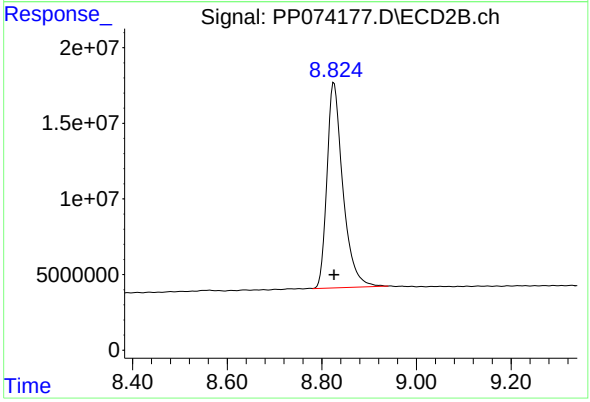
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



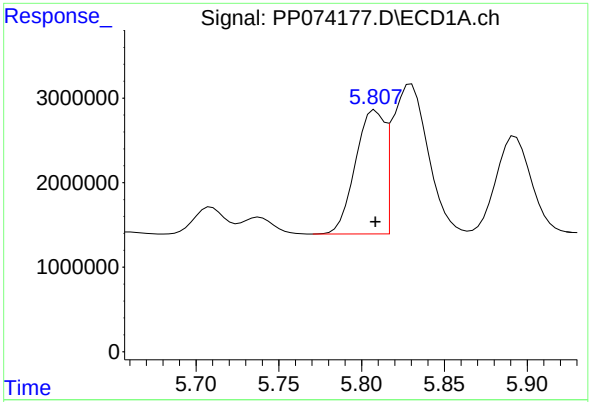
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

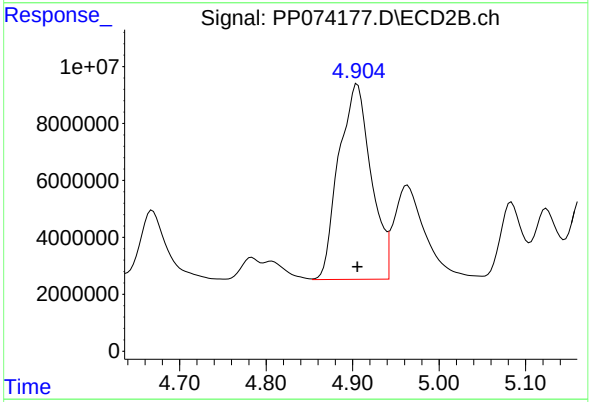
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



#16 AR-1242-1

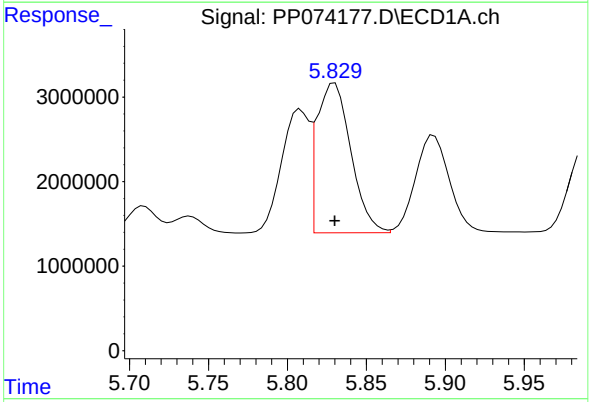
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



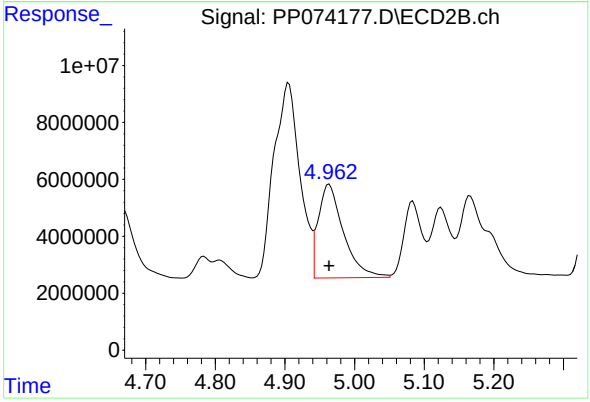
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



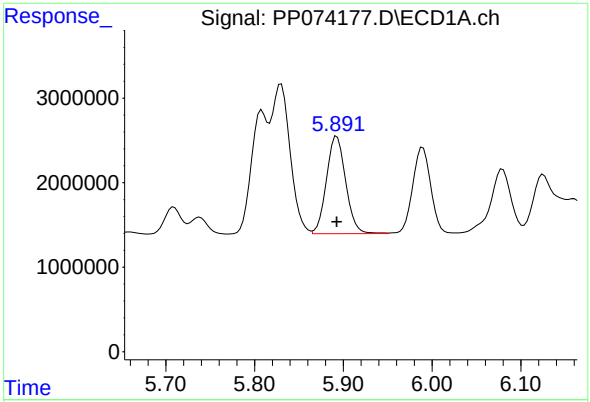
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

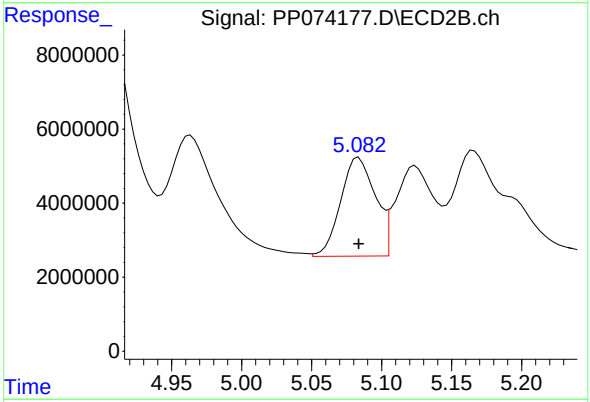
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



#18 AR-1242-3

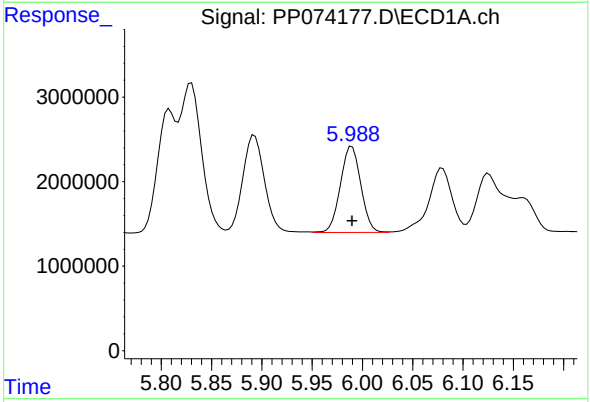
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



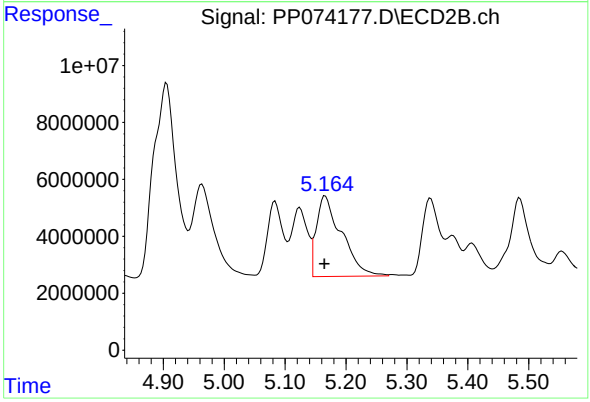
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



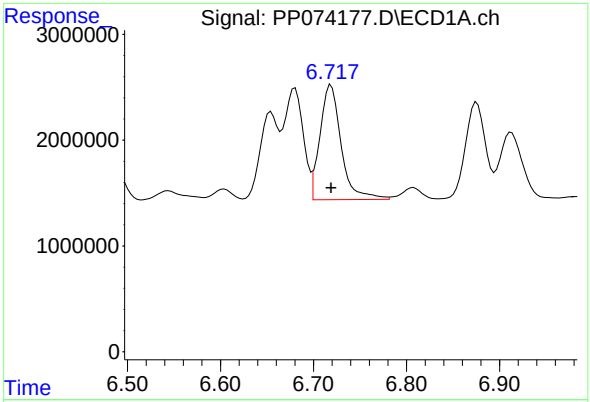
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

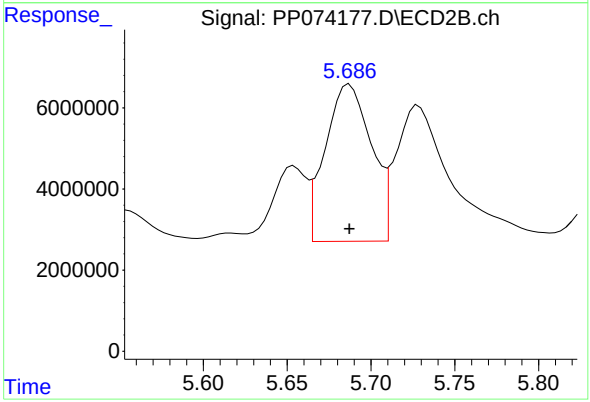
R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 81425101
Conc: 651.17 ng/ml



#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

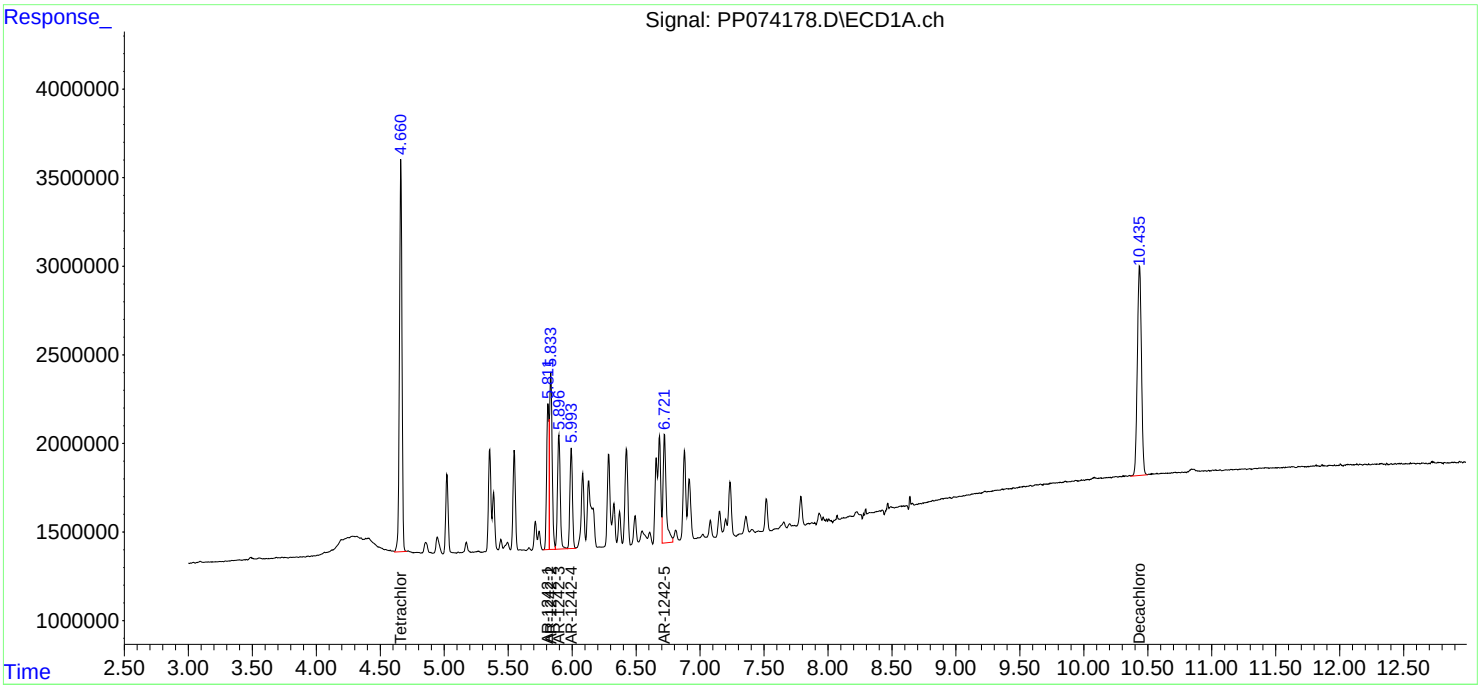
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

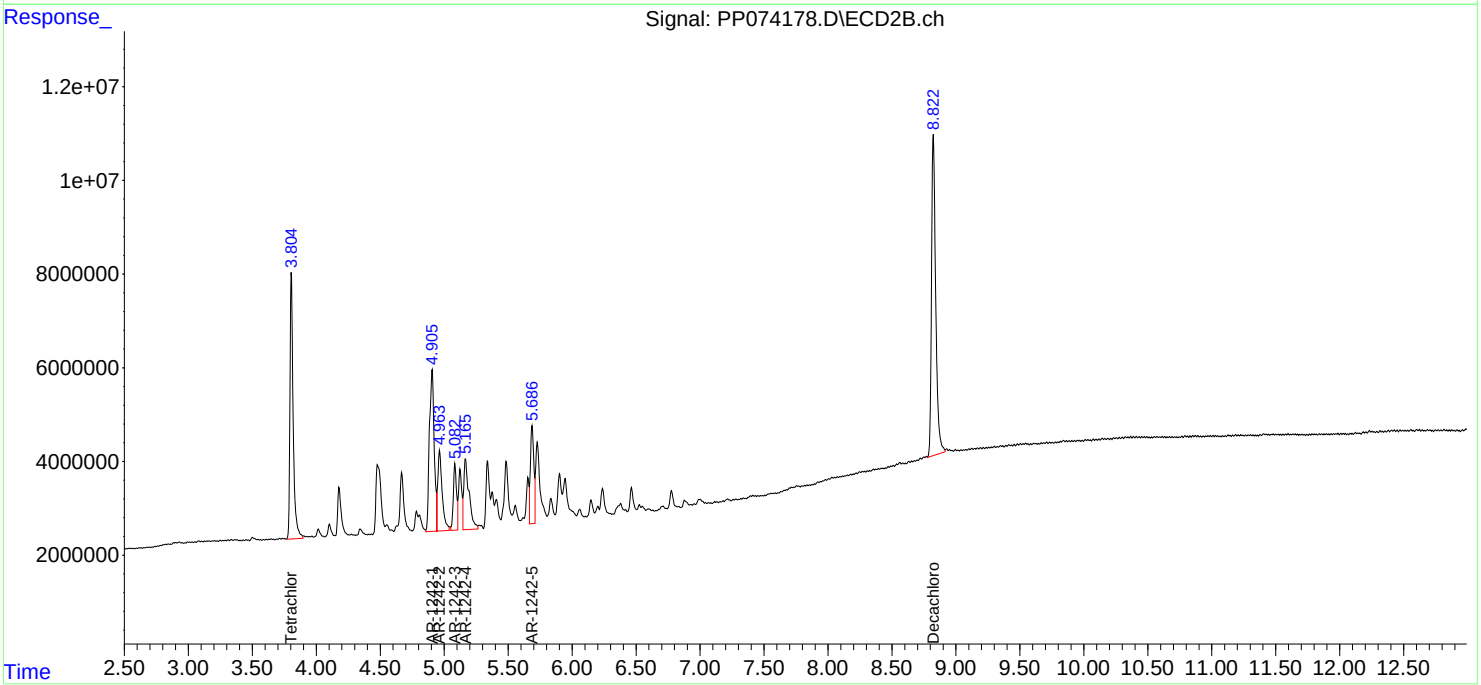
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

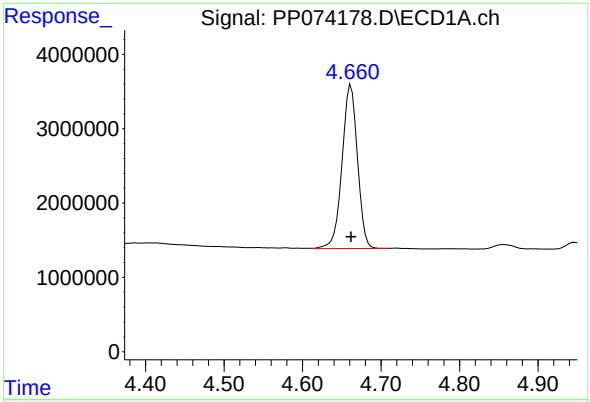
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

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



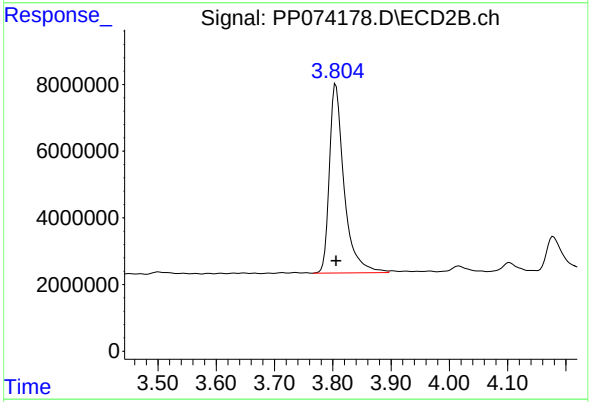




#1 Tetrachloro-m-xylene

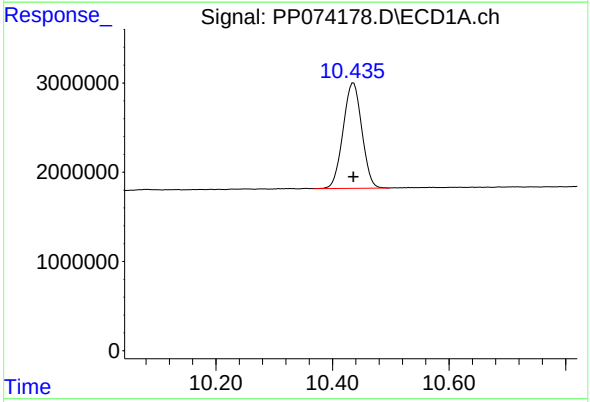
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



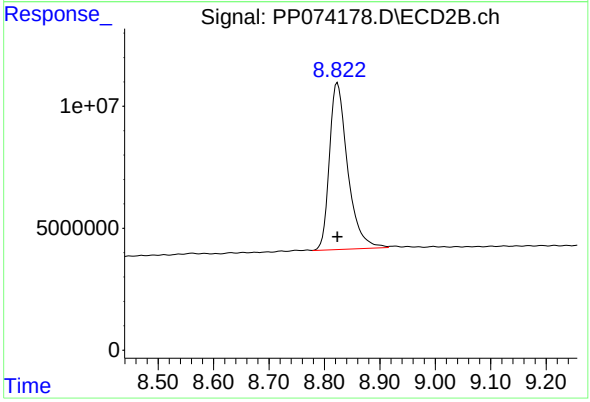
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



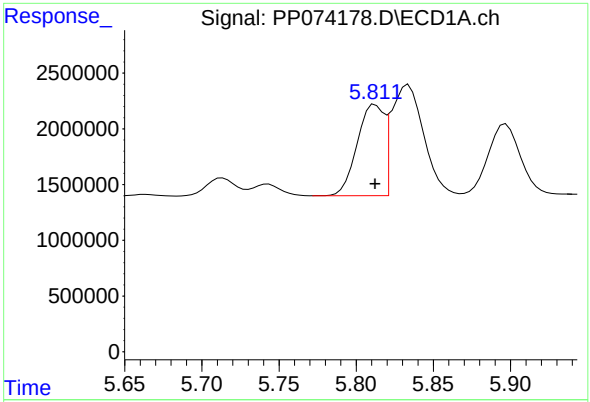
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

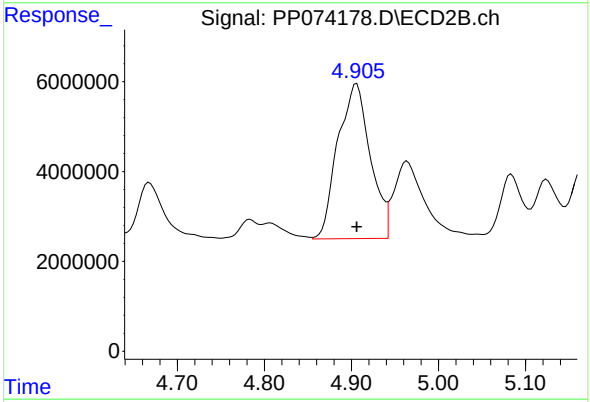
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



#16 AR-1242-1

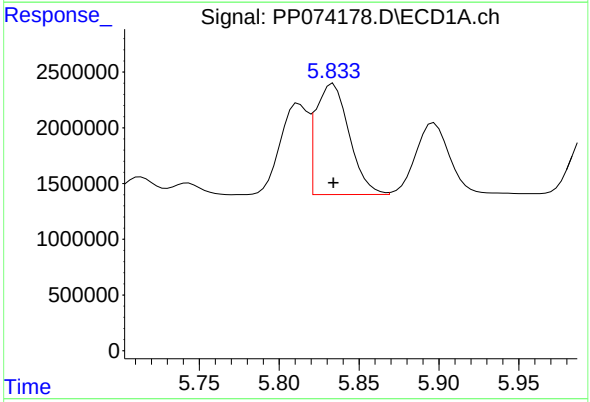
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



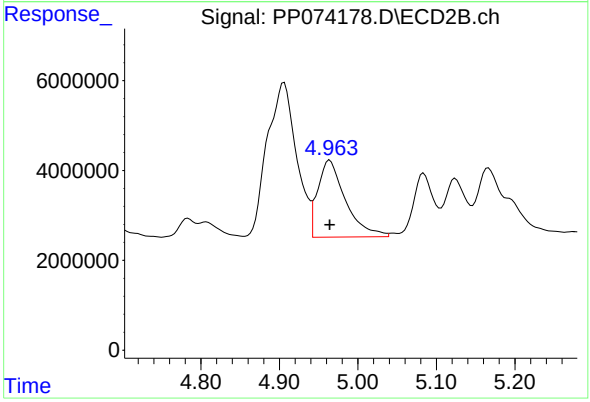
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



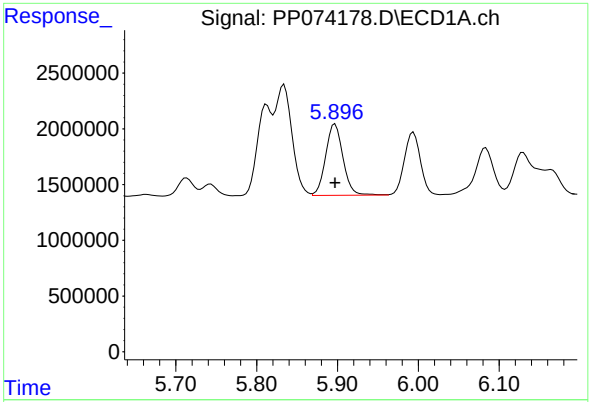
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

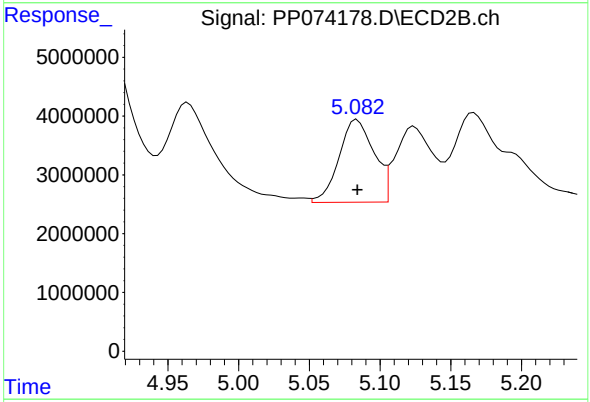
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



#18 AR-1242-3

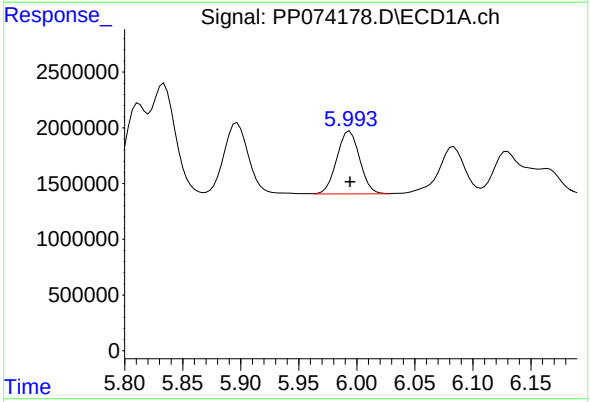
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



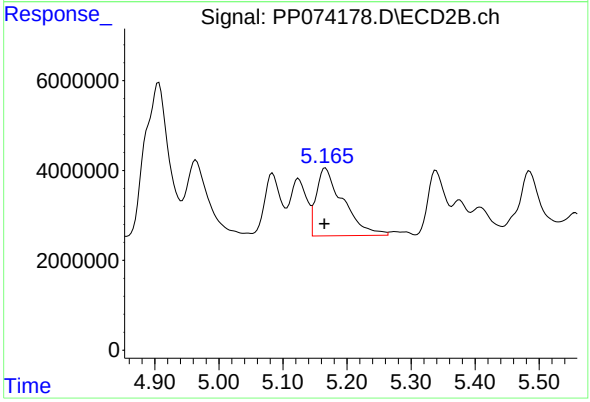
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



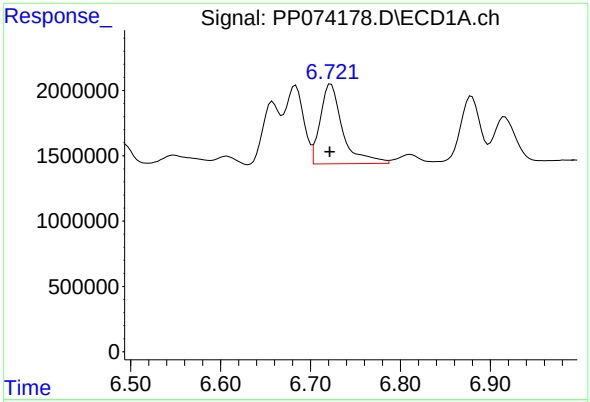
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

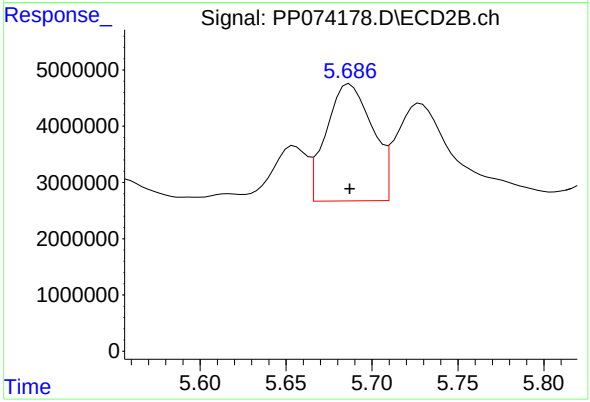
R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 43979753
Conc: 364.04 ng/ml



#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	#

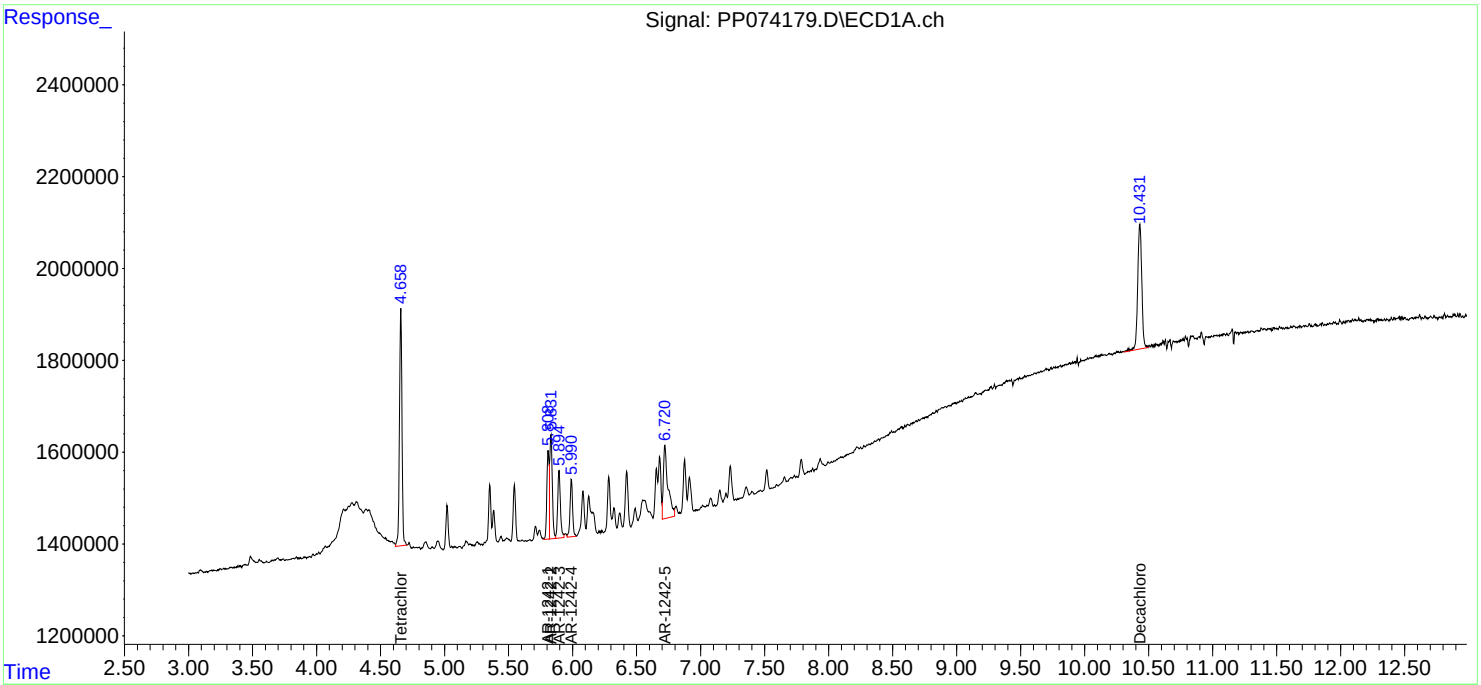
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

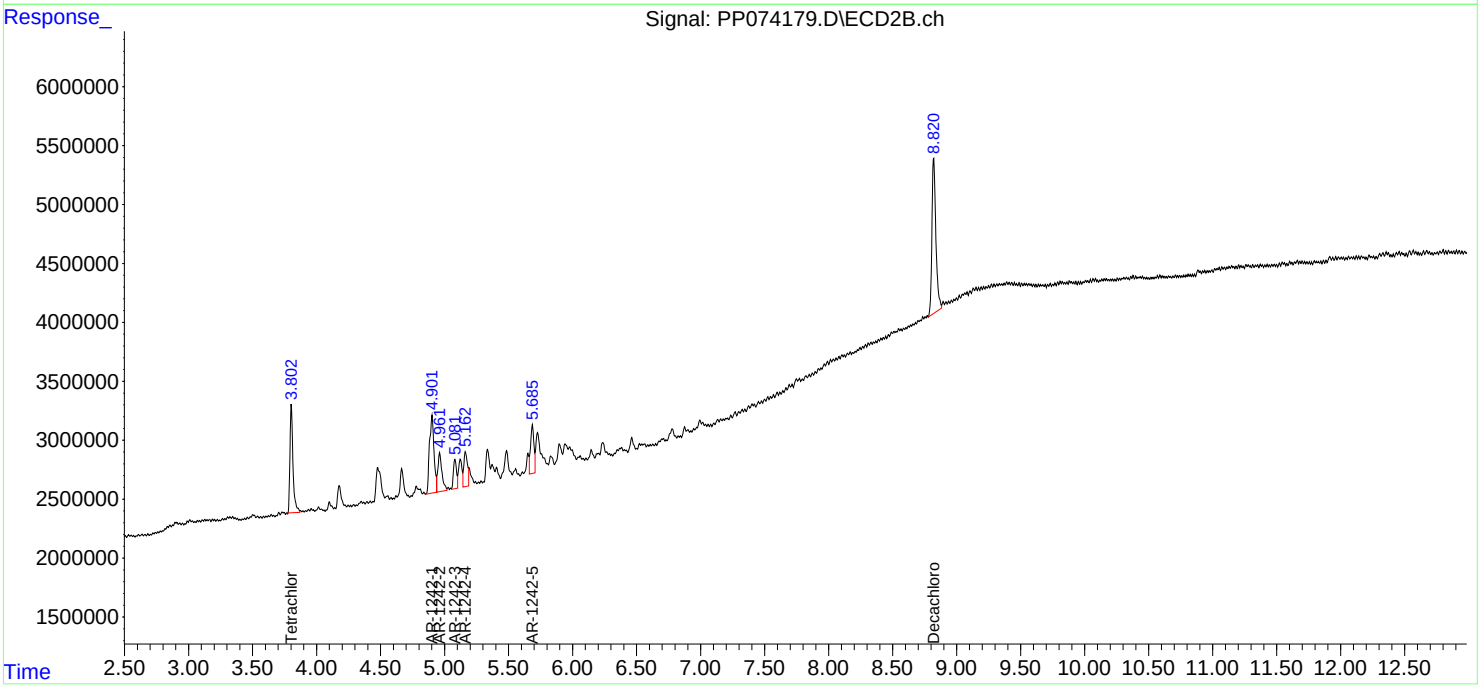
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

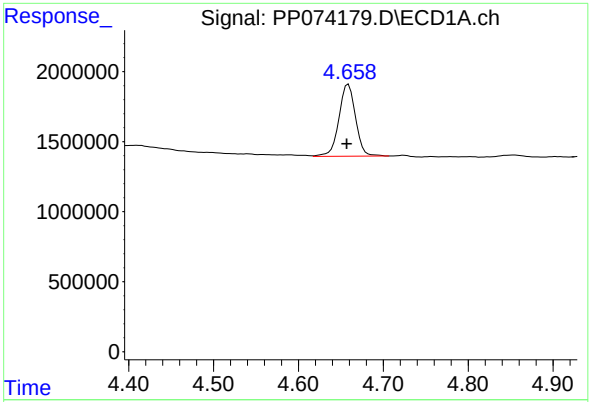
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

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



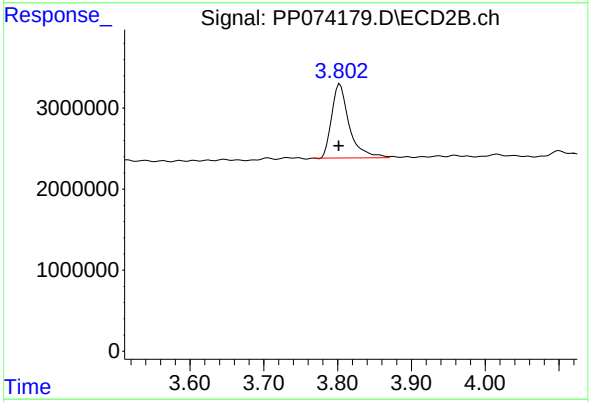




#1 Tetrachloro-m-xylene

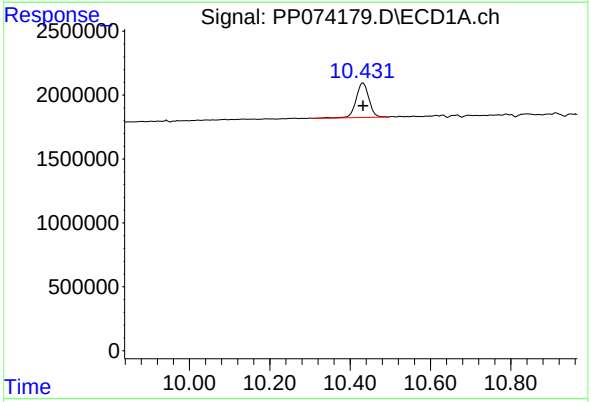
R.T.: 4.659 min
Delta R.T.: 0.002 min
Response: 6977861
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



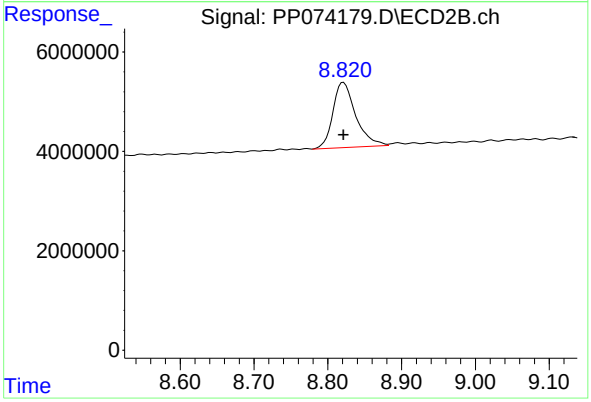
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.001 min
Response: 15078408
Conc: 3.76 ng/ml



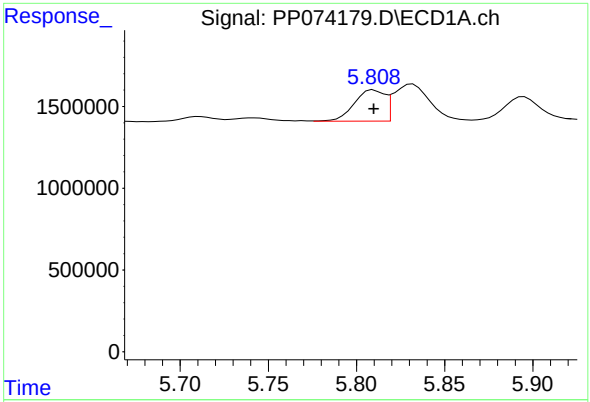
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

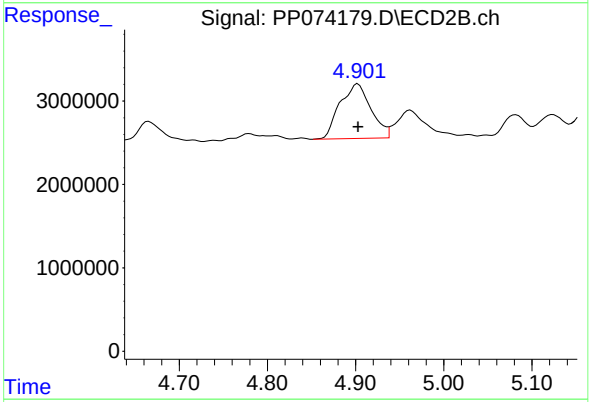
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



#16 AR-1242-1

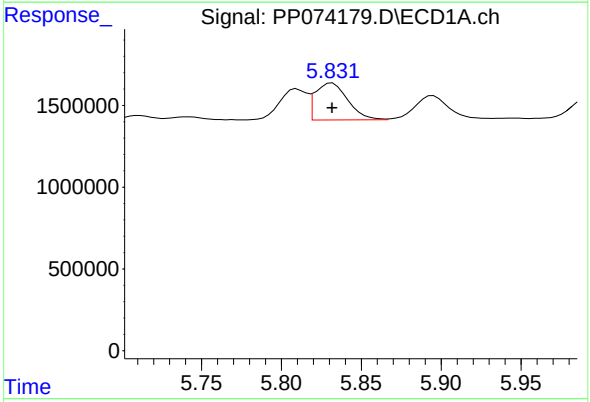
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



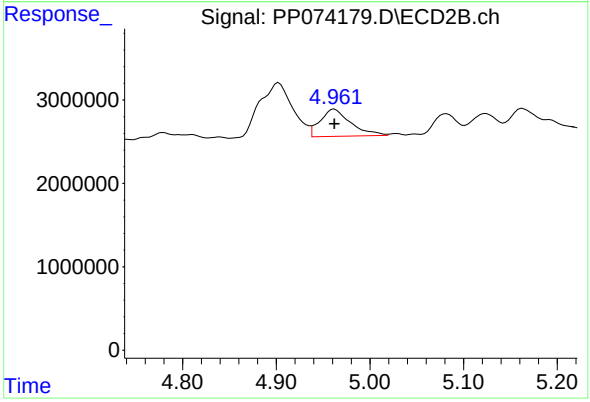
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



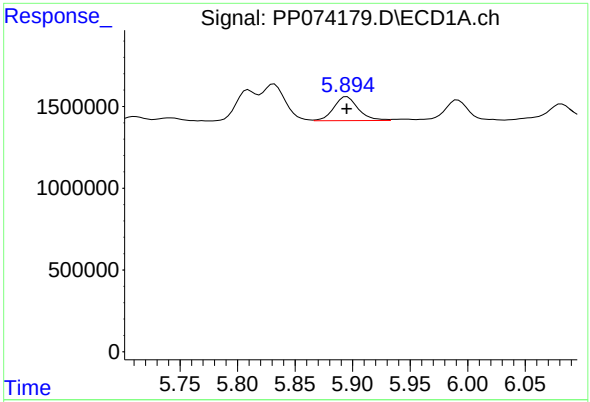
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

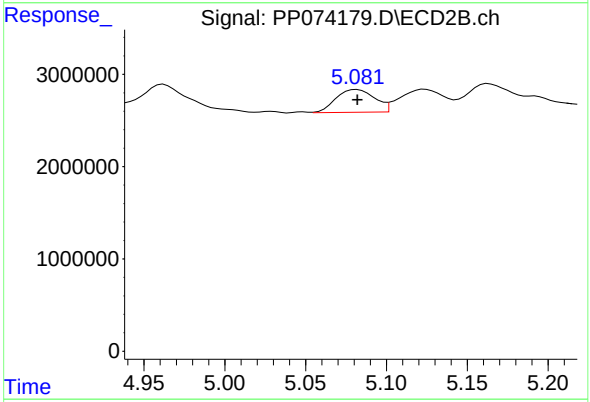
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



#18 AR-1242-3

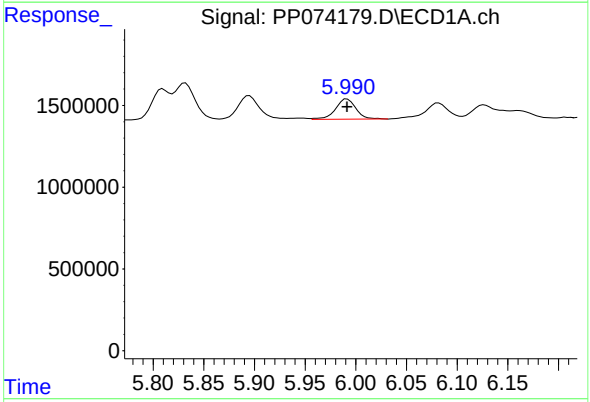
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



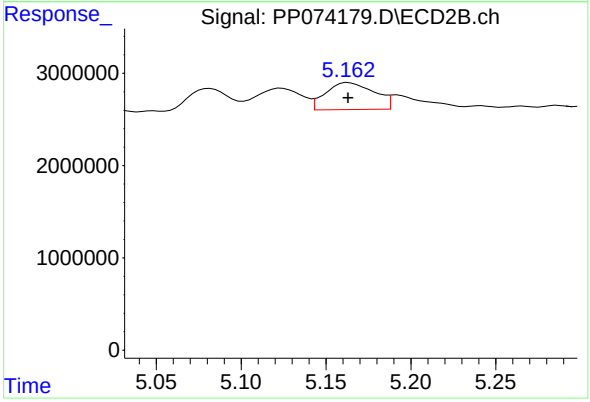
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



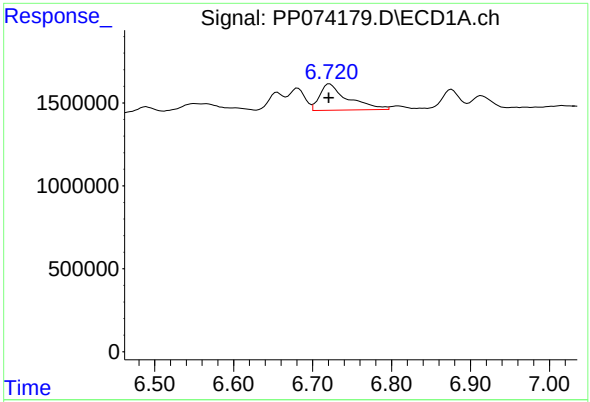
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

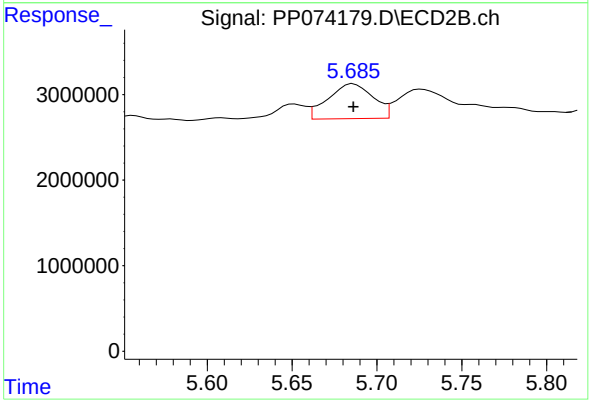
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



#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 : PP074180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:24
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:37 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...	4.661	3.803	106.8E6	438.5E6	97.267	111.165
2)	SA Decachlor...	10.434	8.822	90264623	631.3E6	93.246	103.579
	Target Compounds						
21)	L5 AR-1248-1	5.811	4.902	26012014	227.0E6	916.478	1015.023
22)	L5 AR-1248-2	6.083	5.121	36515572	144.1E6	908.629	975.147
23)	L5 AR-1248-3	6.286	5.163	40868019	254.7E6	915.485	1354.005 #
24)	L5 AR-1248-4	6.683	5.335	47283684	172.7E6	916.667	1033.883
25)	L5 AR-1248-5	6.722	5.725	46926066	294.5E6	881.404	972.492

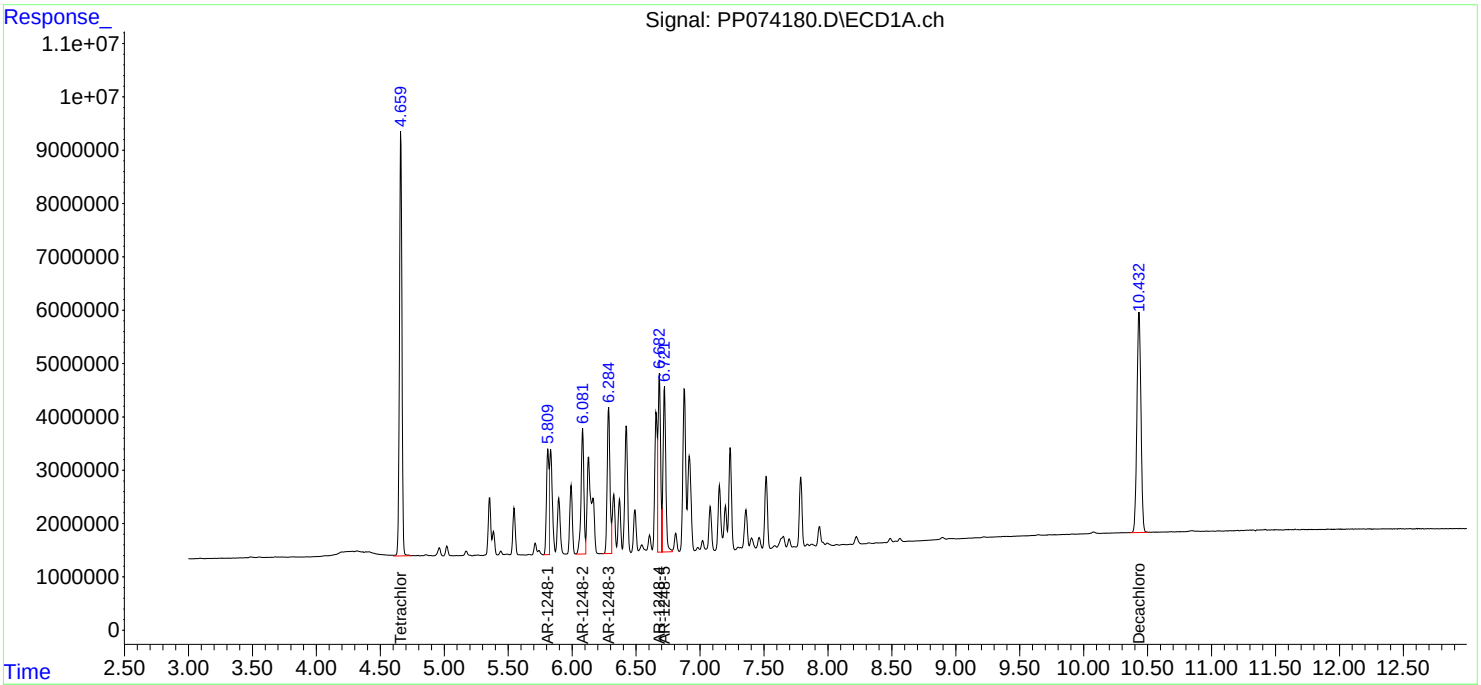
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

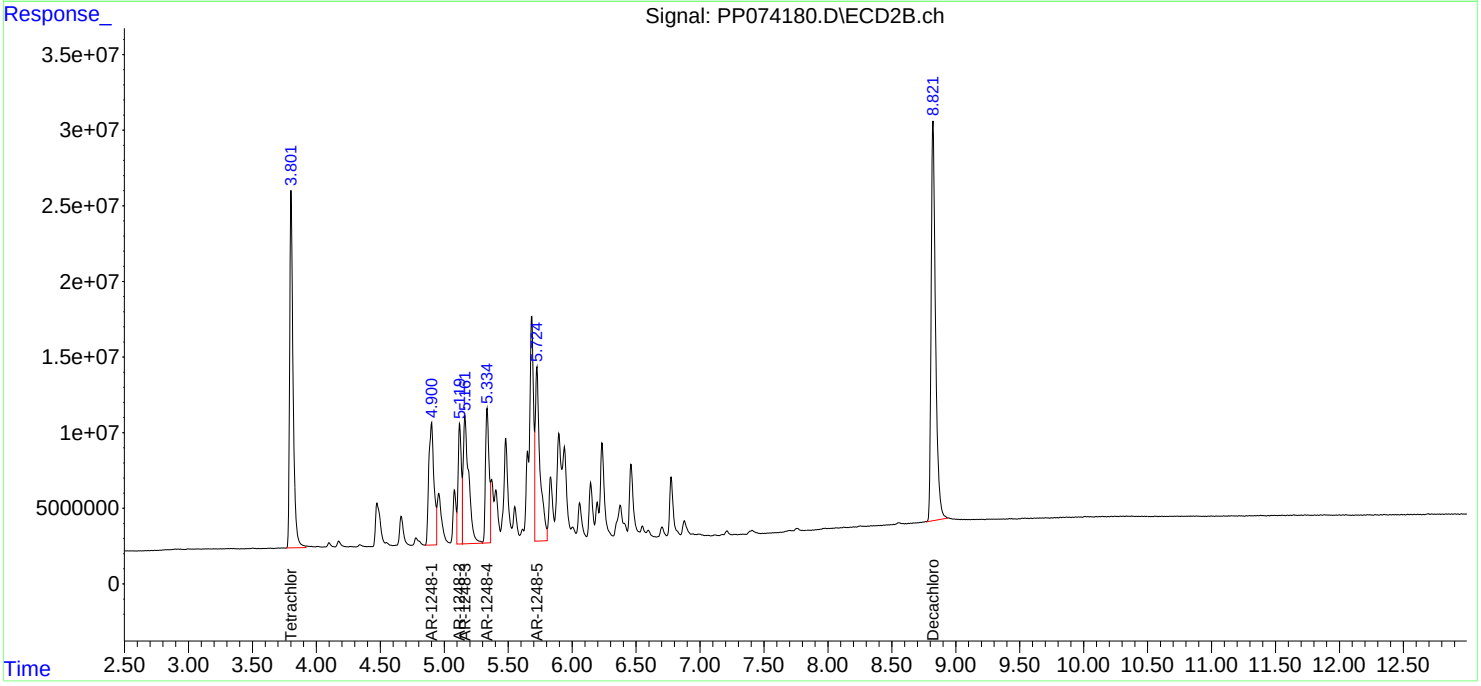
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:24
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

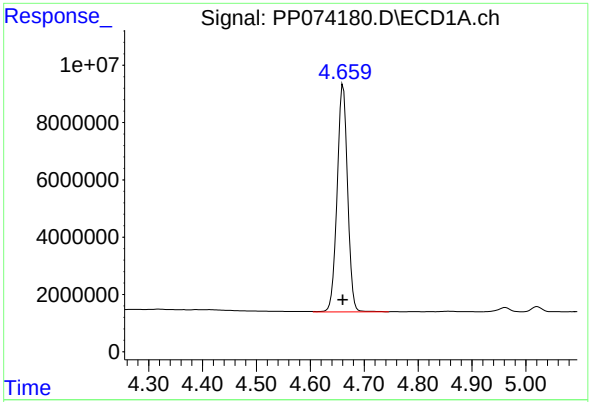
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:37 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



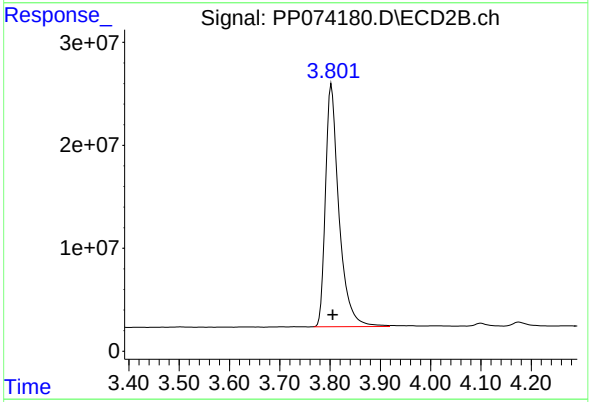




#1 Tetrachloro-m-xylene

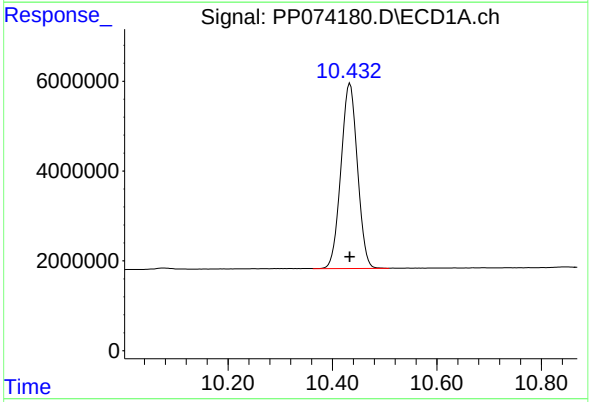
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 106843636
Conc: 97.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



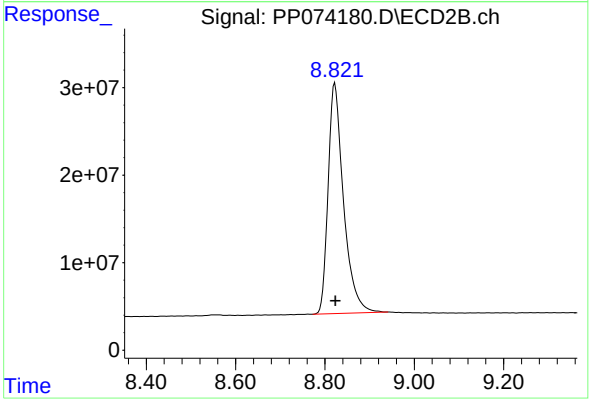
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 438530857
Conc: 111.17 ng/ml



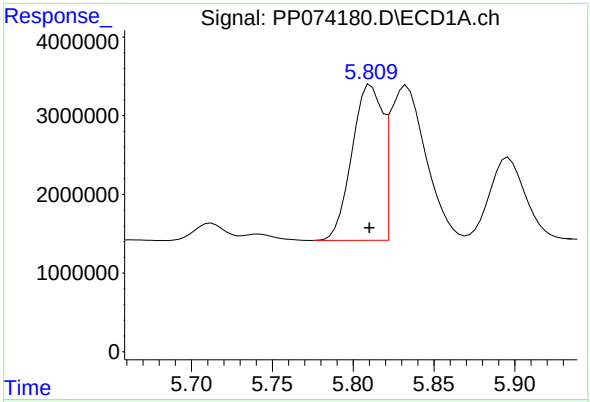
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 90264623
Conc: 93.25 ng/ml



#2 Decachlorobiphenyl

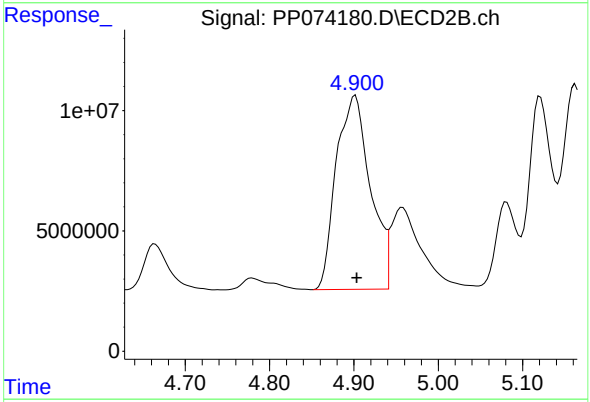
R.T.: 8.822 min
Delta R.T.: -0.001 min
Response: 631285519
Conc: 103.58 ng/ml



#21 AR-1248-1

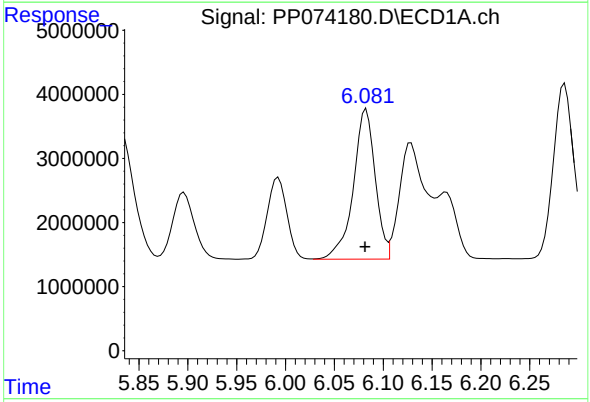
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 26012014
Conc: 916.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



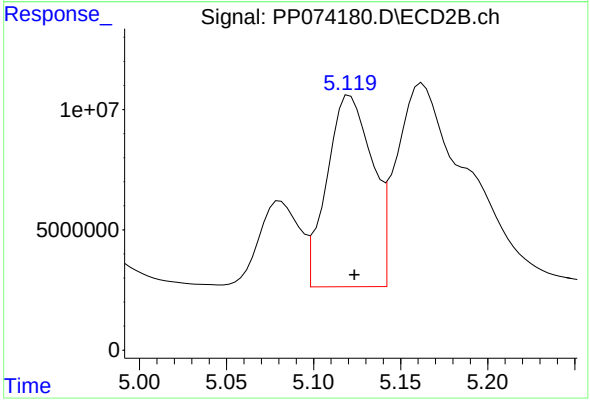
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 226988567
Conc: 1015.02 ng/ml



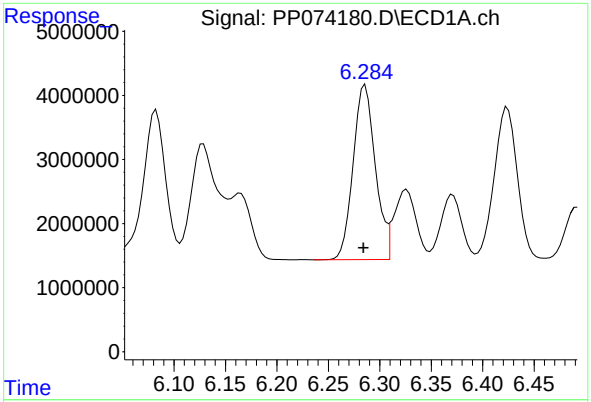
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.001 min
Response: 36515572
Conc: 908.63 ng/ml



#22 AR-1248-2

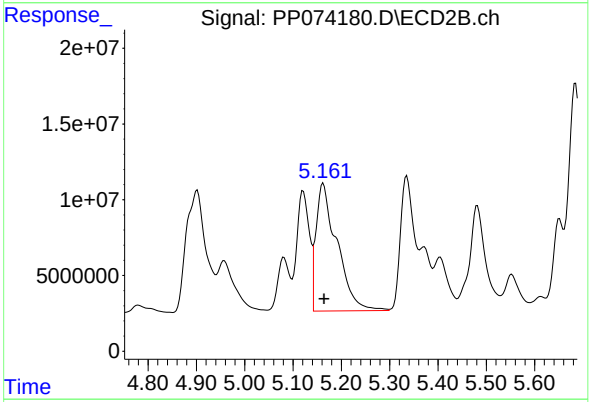
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 144097829
Conc: 975.15 ng/ml



#23 AR-1248-3

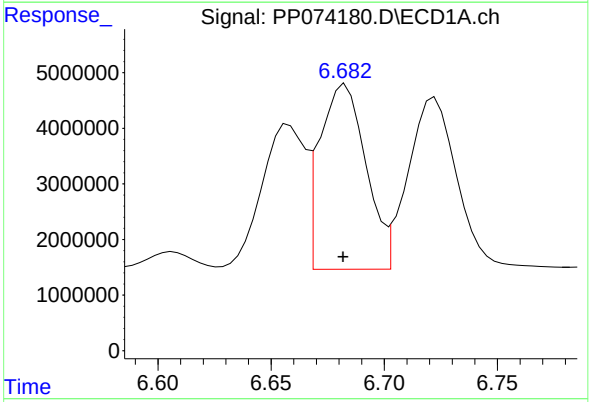
R.T.: 6.286 min
Delta R.T.: 0.002 min
Response: 40868019
Conc: 915.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



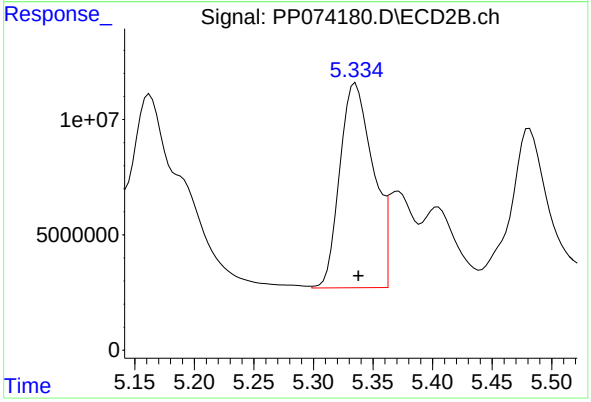
#23 AR-1248-3

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 254650636
Conc: 1354.01 ng/ml



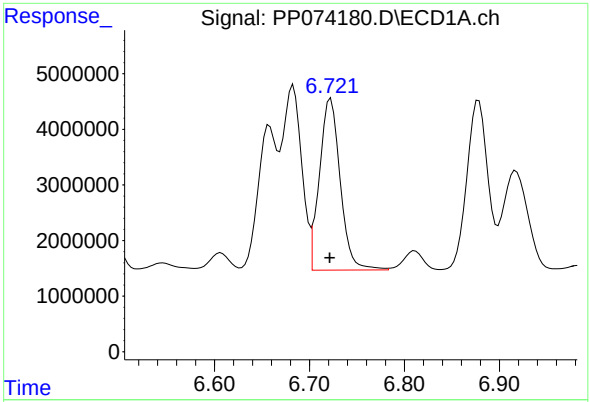
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 47283684
Conc: 916.67 ng/ml



#24 AR-1248-4

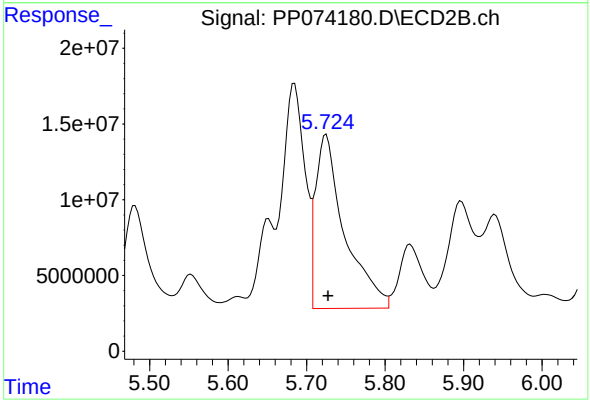
R.T.: 5.335 min
Delta R.T.: -0.002 min
Response: 172717217
Conc: 1033.88 ng/ml



#25 AR-1248-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 46926066
Conc: 881.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 294453856
Conc: 972.49 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:41
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:59 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...	4.657	3.805	80710571	322.6E6	73.476	81.788
2)	SA Decachlor...	10.431	8.824	70347525	475.6E6	72.671	78.041
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.904	20449841	172.5E6	720.506	771.319
22)	L5 AR-1248-2	6.079	5.123	28689235	112.6E6	713.884	761.783
23)	L5 AR-1248-3	6.282	5.165	31809127	191.5E6	712.557	1018.127 #
24)	L5 AR-1248-4	6.679	5.337	36623513	131.6E6	710.003	787.982
25)	L5 AR-1248-5	6.719	5.727	37078586	221.6E6	696.441	731.726

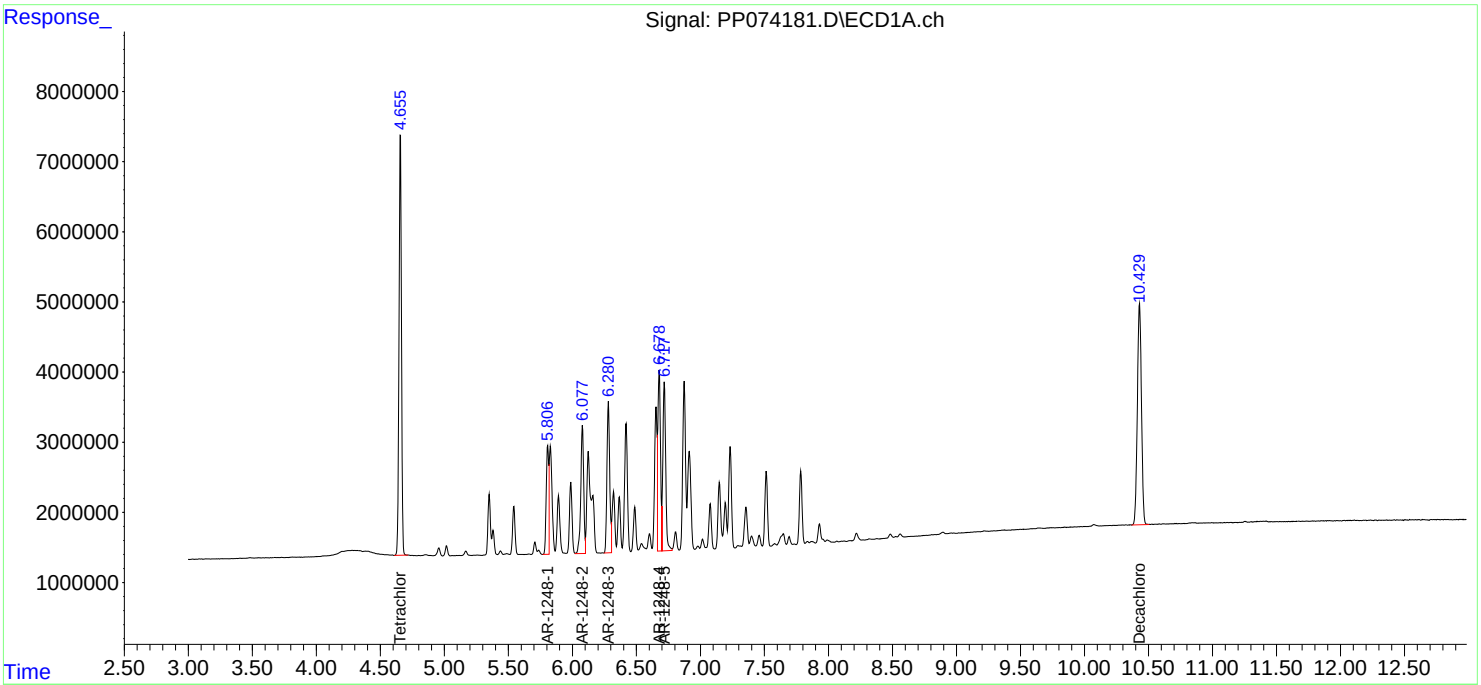
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

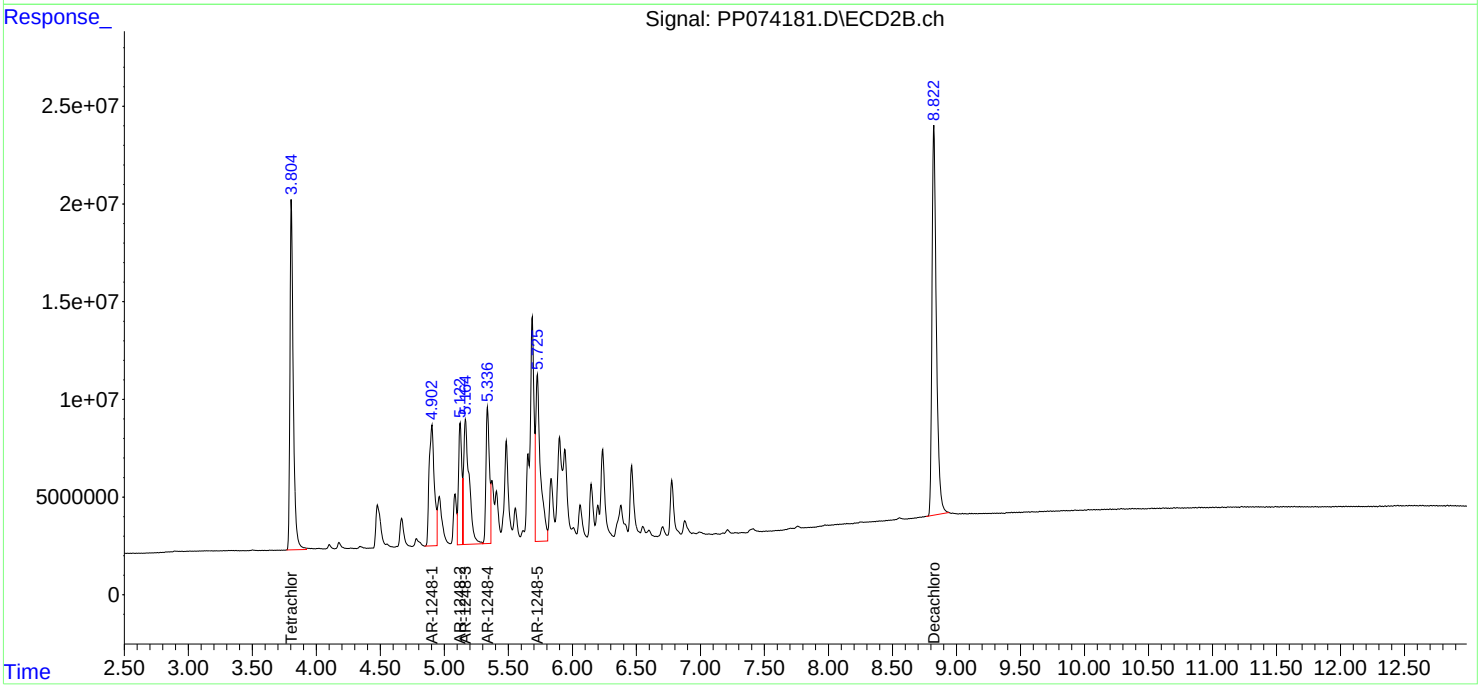
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:41
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

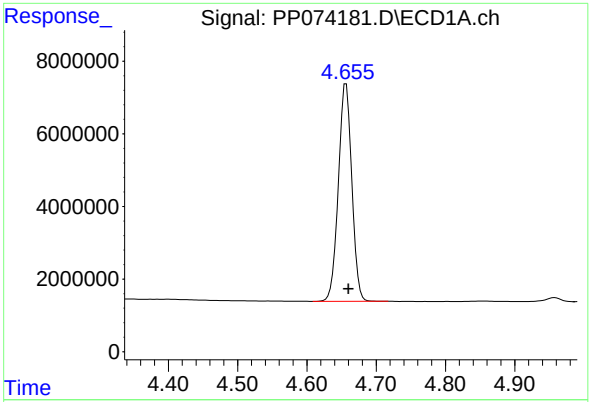
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:34:59 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



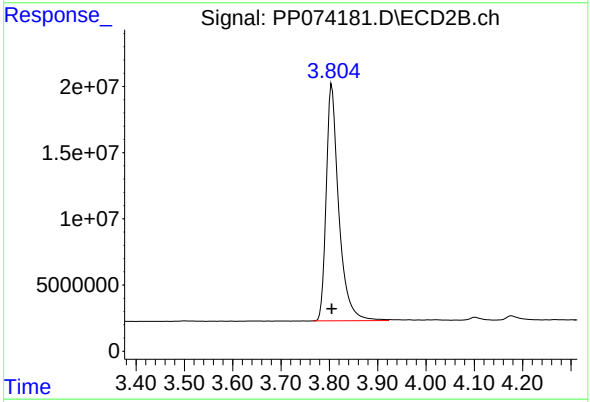




#1 Tetrachloro-m-xylene

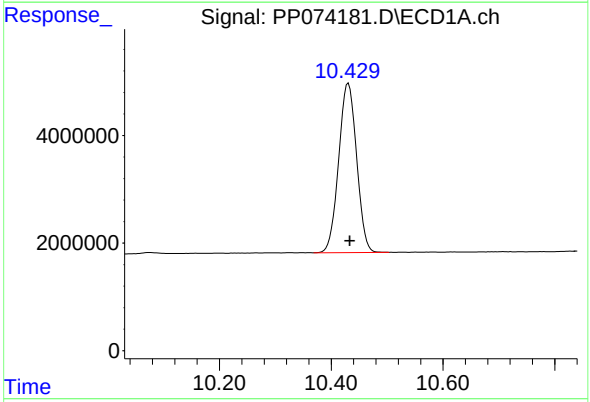
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 80710571
Conc: 73.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



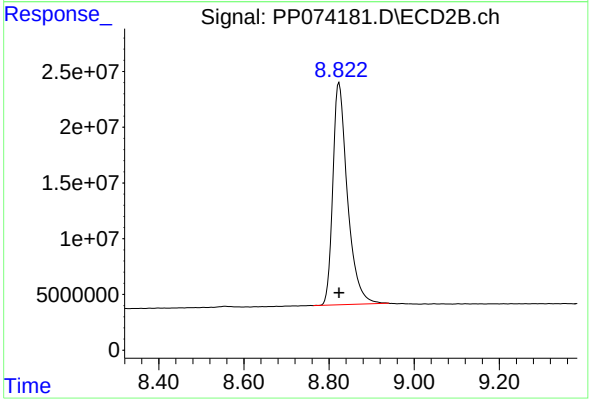
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 322643021
Conc: 81.79 ng/ml



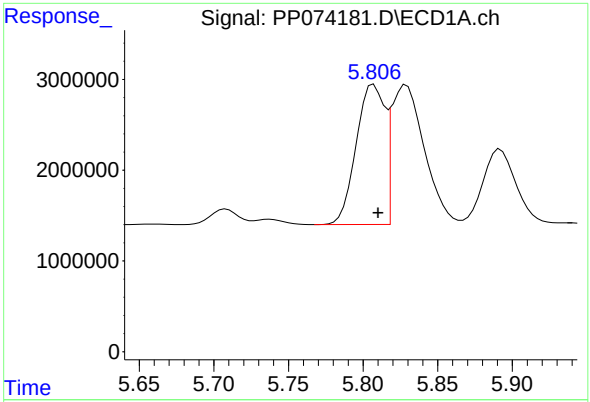
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.002 min
Response: 70347525
Conc: 72.67 ng/ml



#2 Decachlorobiphenyl

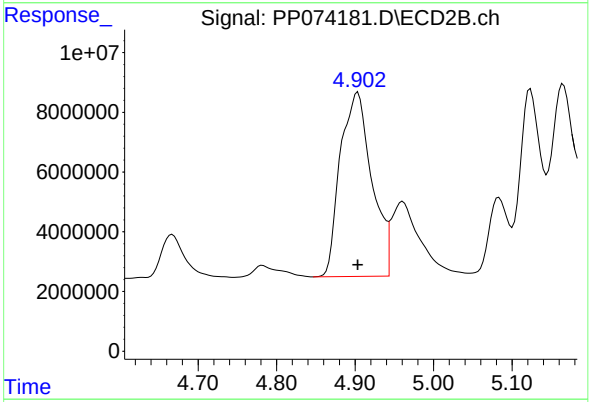
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 475637246
Conc: 78.04 ng/ml



#21 AR-1248-1

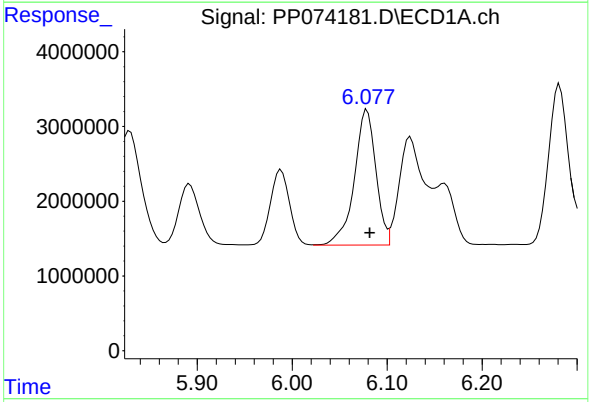
R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 20449841
Conc: 720.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



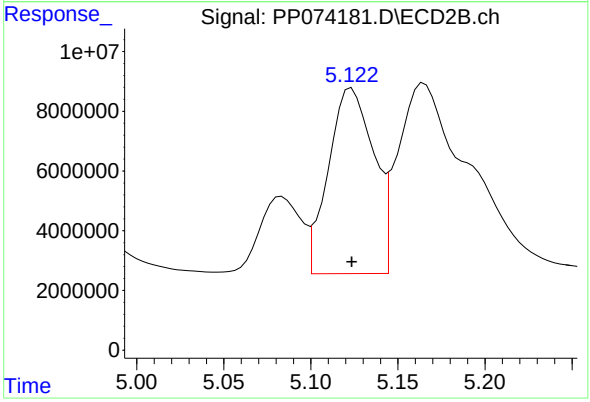
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 172489224
Conc: 771.32 ng/ml



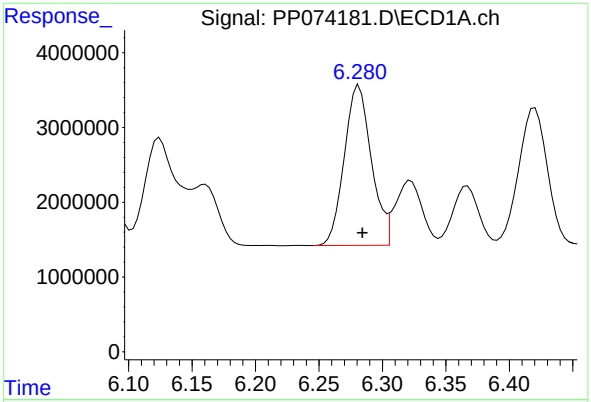
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 28689235
Conc: 713.88 ng/ml



#22 AR-1248-2

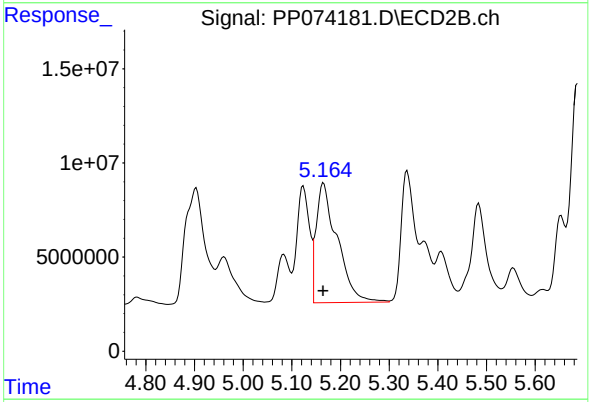
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 112568987
Conc: 761.78 ng/ml



#23 AR-1248-3

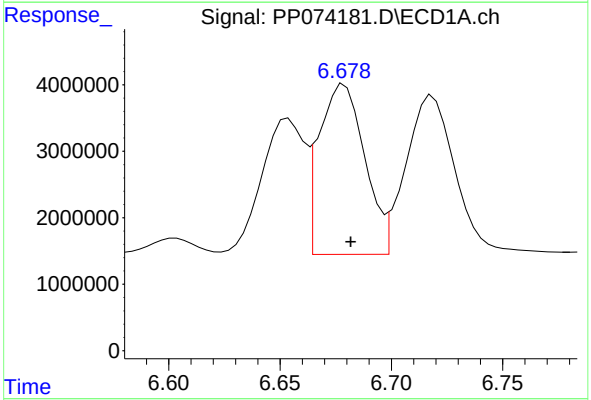
R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 31809127
Conc: 712.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



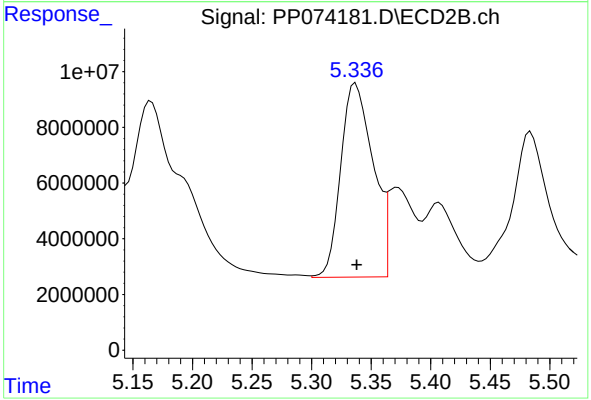
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 191481365
Conc: 1018.13 ng/ml



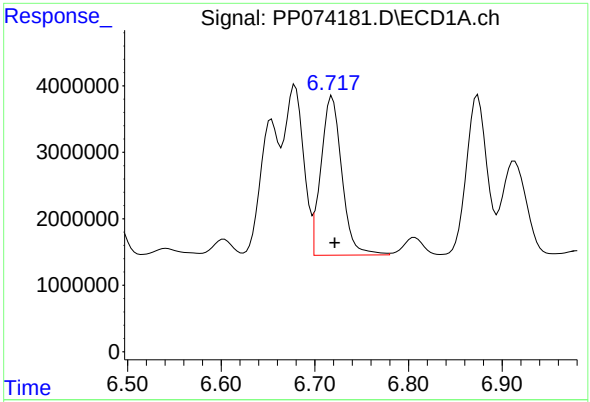
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 36623513
Conc: 710.00 ng/ml



#24 AR-1248-4

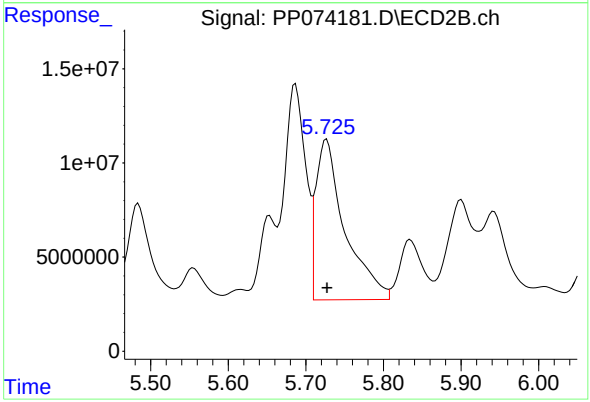
R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 131637723
Conc: 787.98 ng/ml



#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: -0.003 min
Response: 37078586
Conc: 696.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 221554076
Conc: 731.73 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

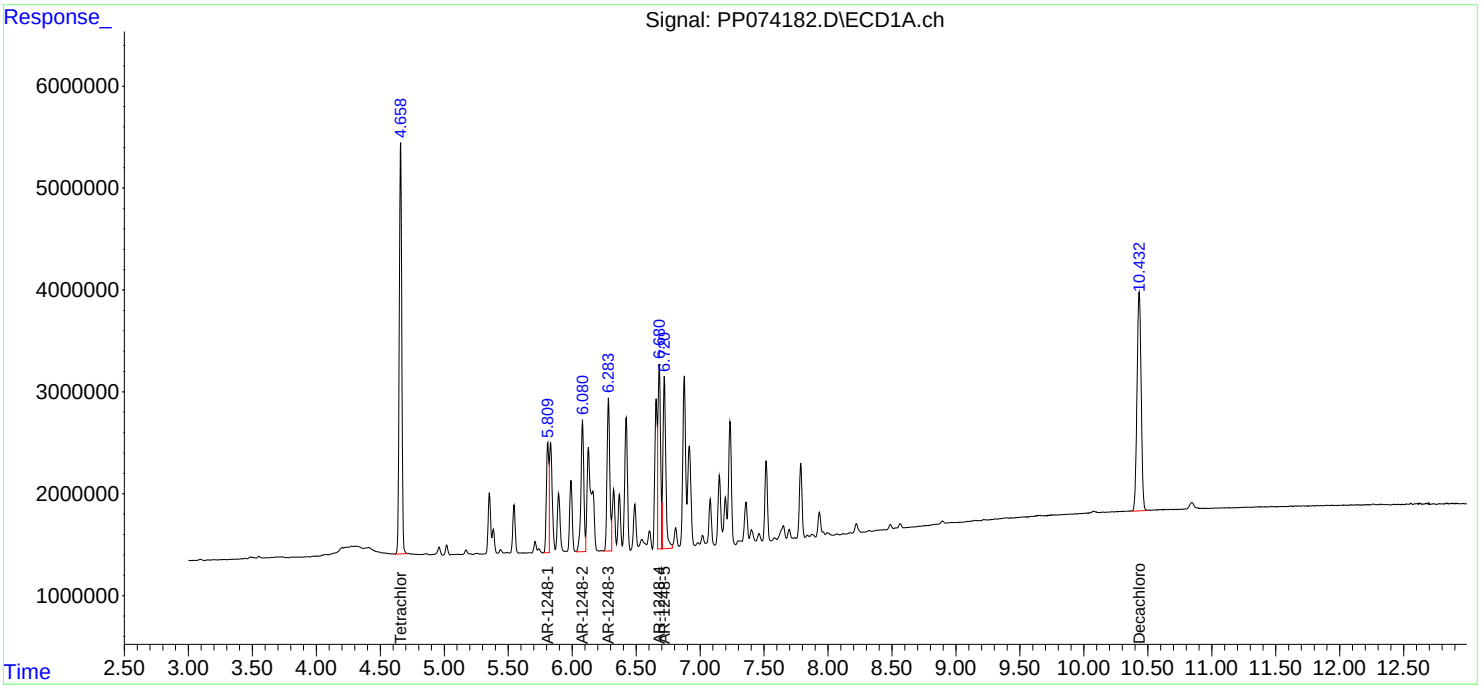
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

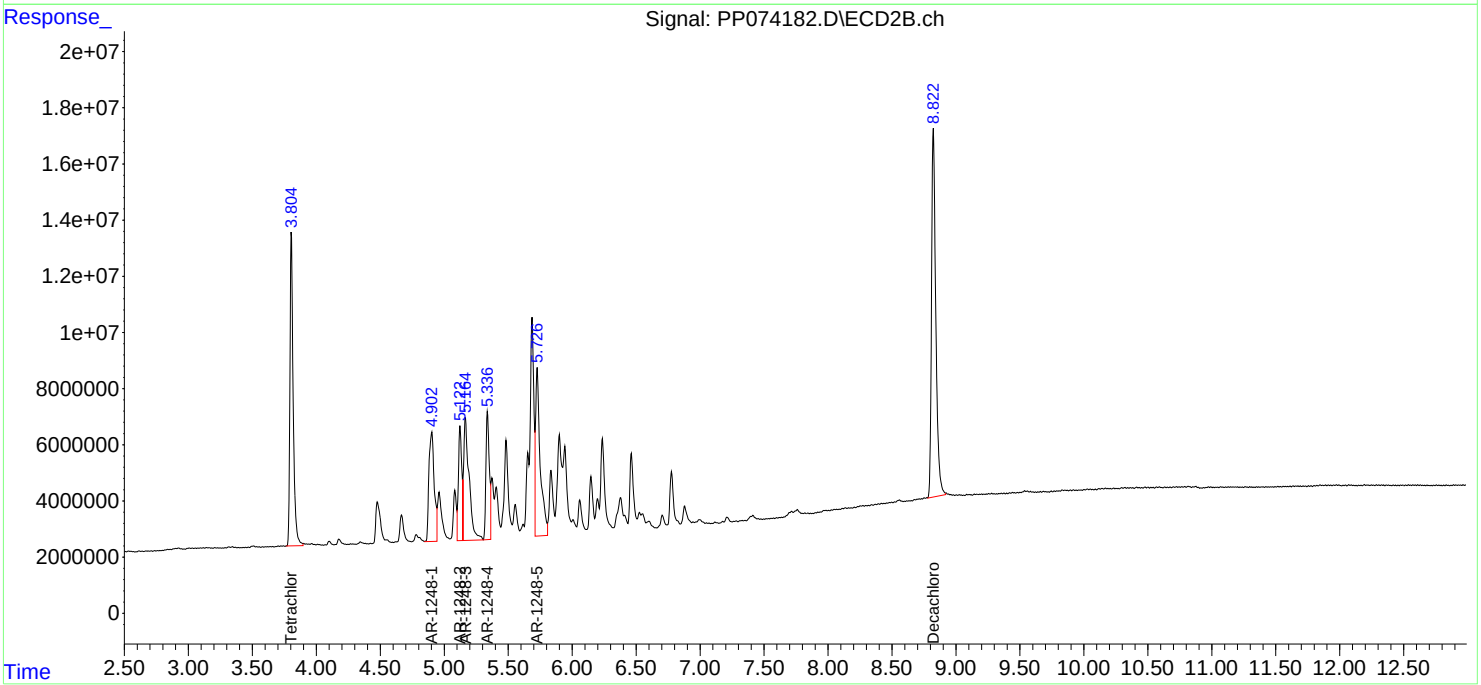
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

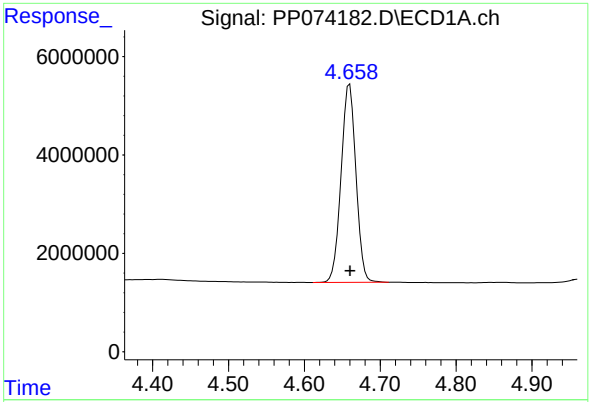
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

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



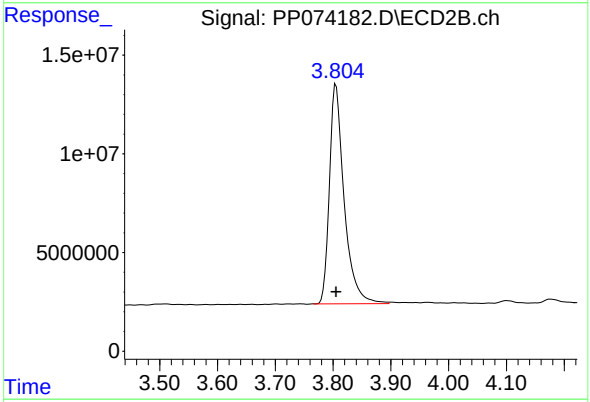




#1 Tetrachloro-m-xylene

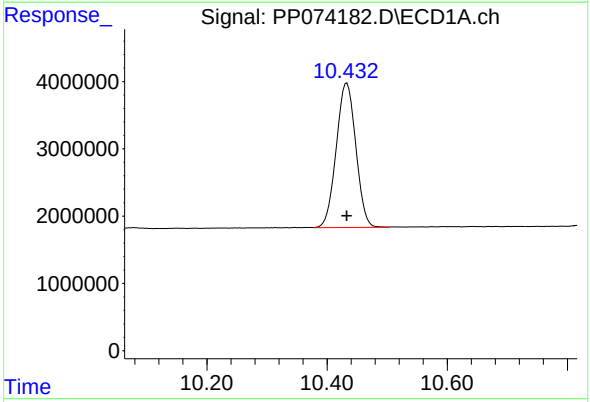
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



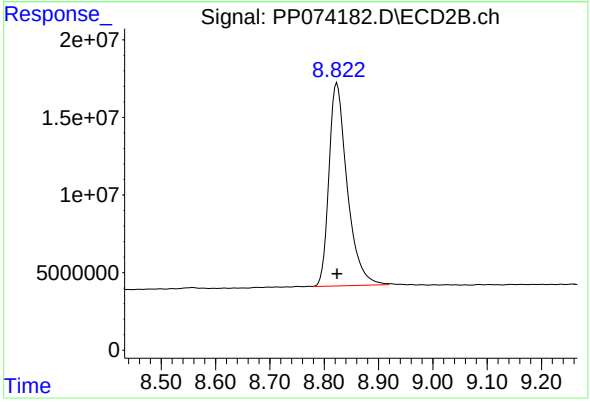
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



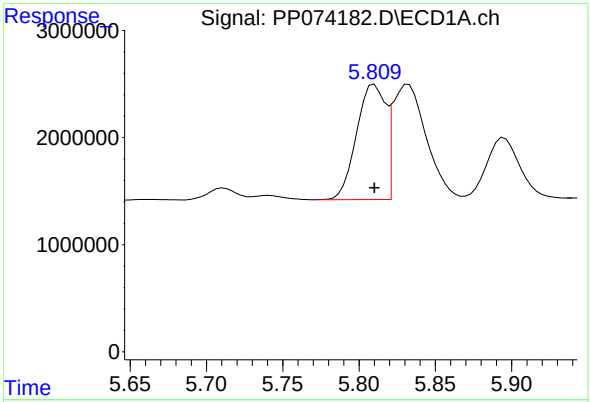
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

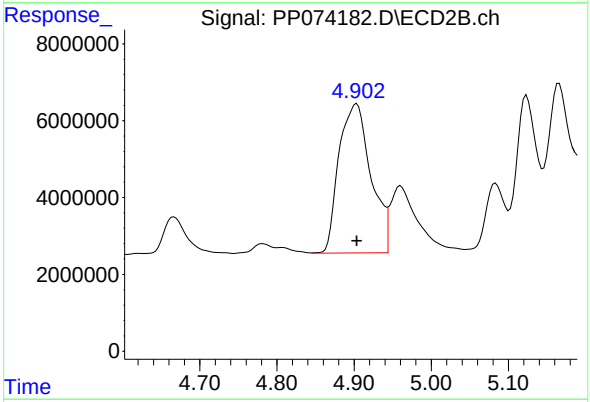
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



#21 AR-1248-1

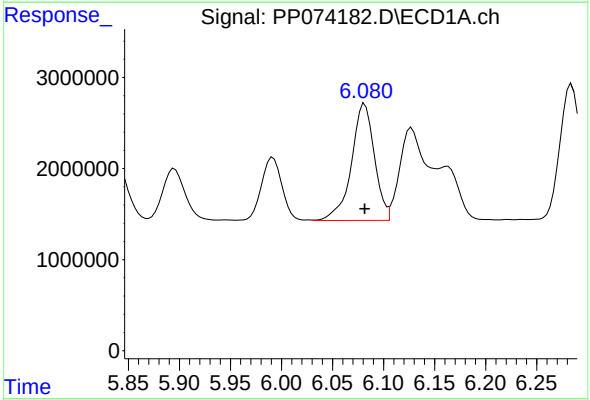
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



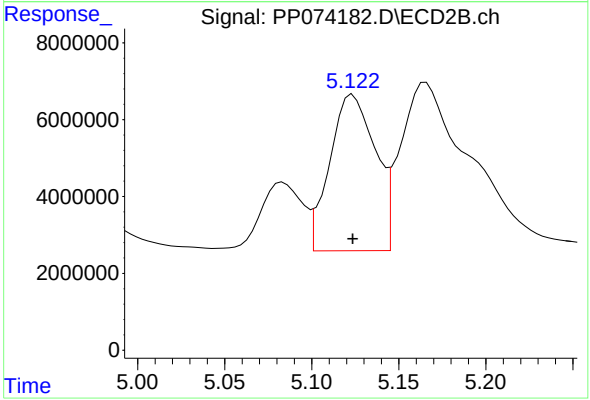
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



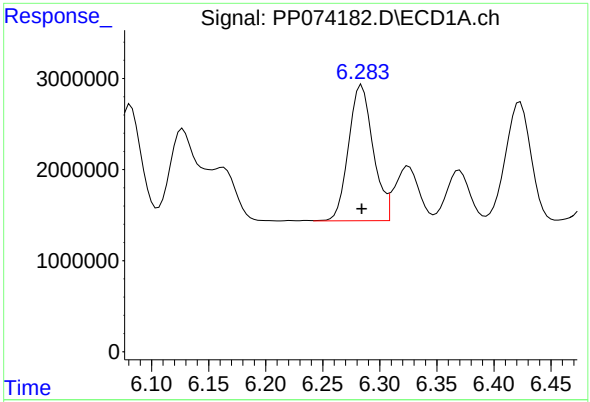
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

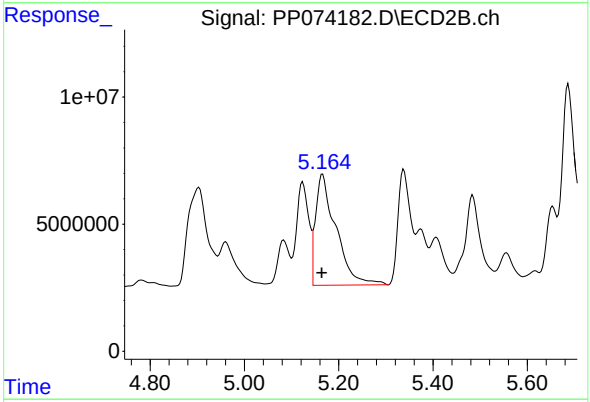
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



#23 AR-1248-3

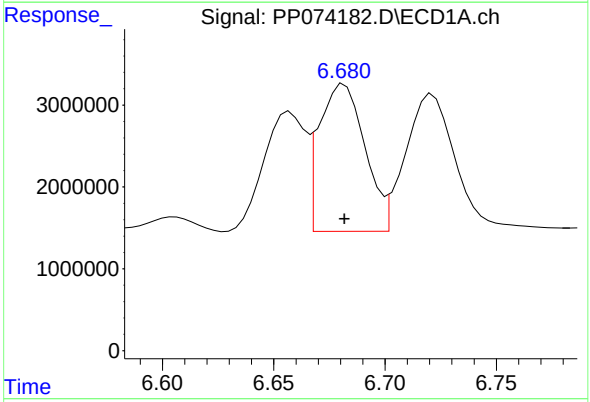
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



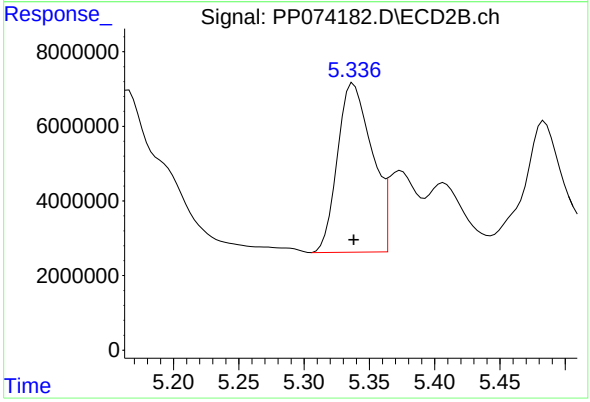
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 131449027
Conc: 698.93 ng/ml



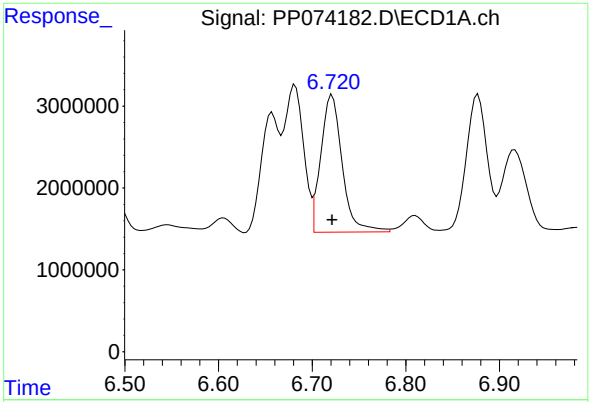
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

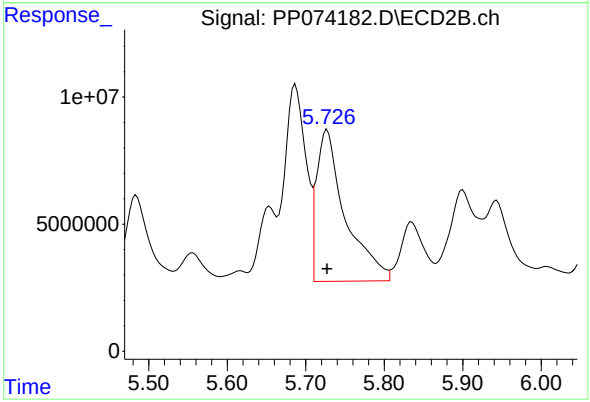
R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



#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 : PP074183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:13
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:42 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...	4.658	3.803	30204378	97138985	27.497	24.624
2)	SA Decachlor...	10.432	8.822	26634667	155.2E6	27.514	25.462
	Target Compounds						
21)	L5 AR-1248-1	5.809	4.902	8094387	58805600	285.188	262.961
22)	L5 AR-1248-2	6.080	5.123	11513534	39336577	286.495	266.201
23)	L5 AR-1248-3	6.284	5.165	12904204	69173885	289.067	367.805 #
24)	L5 AR-1248-4	6.681	5.336	14893139	44358232	288.727	265.528
25)	L5 AR-1248-5	6.720	5.726	16656065	78356187	312.848	258.787

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

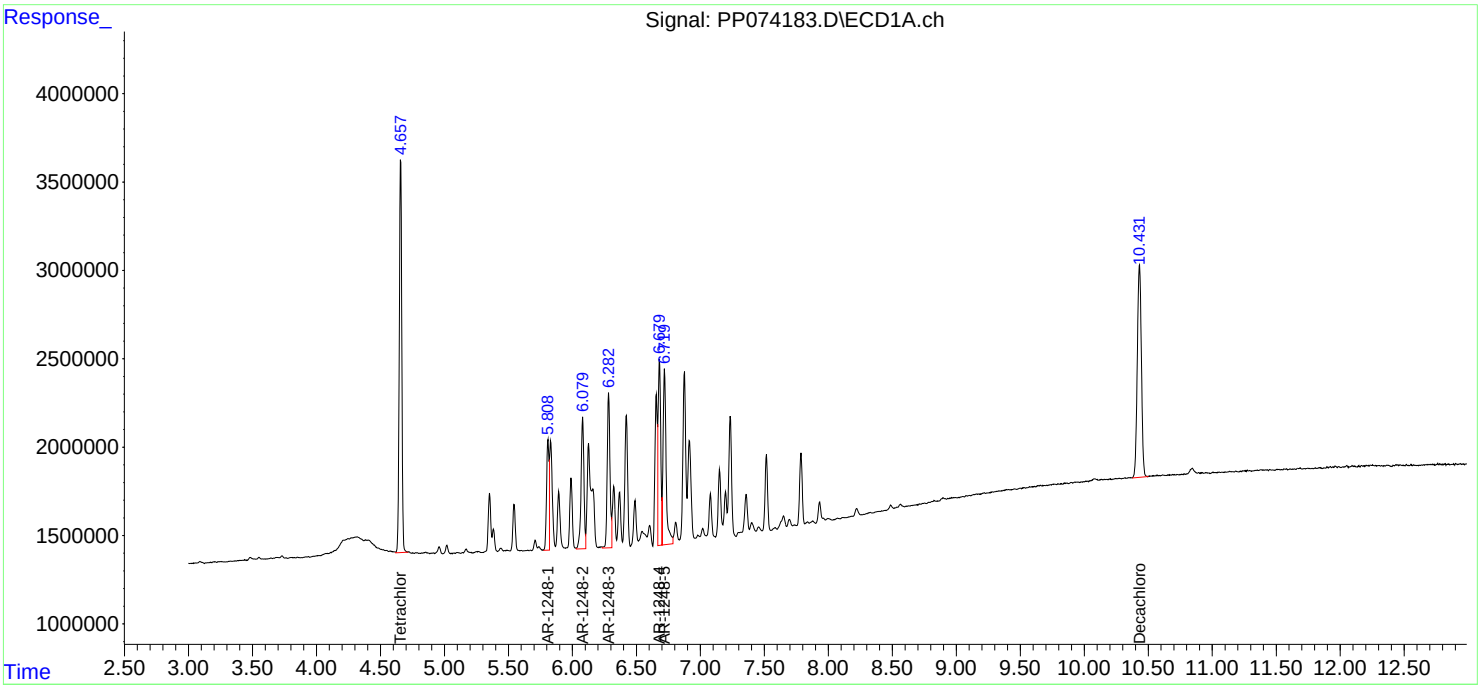
Quantitation Report (Not Reviewed)

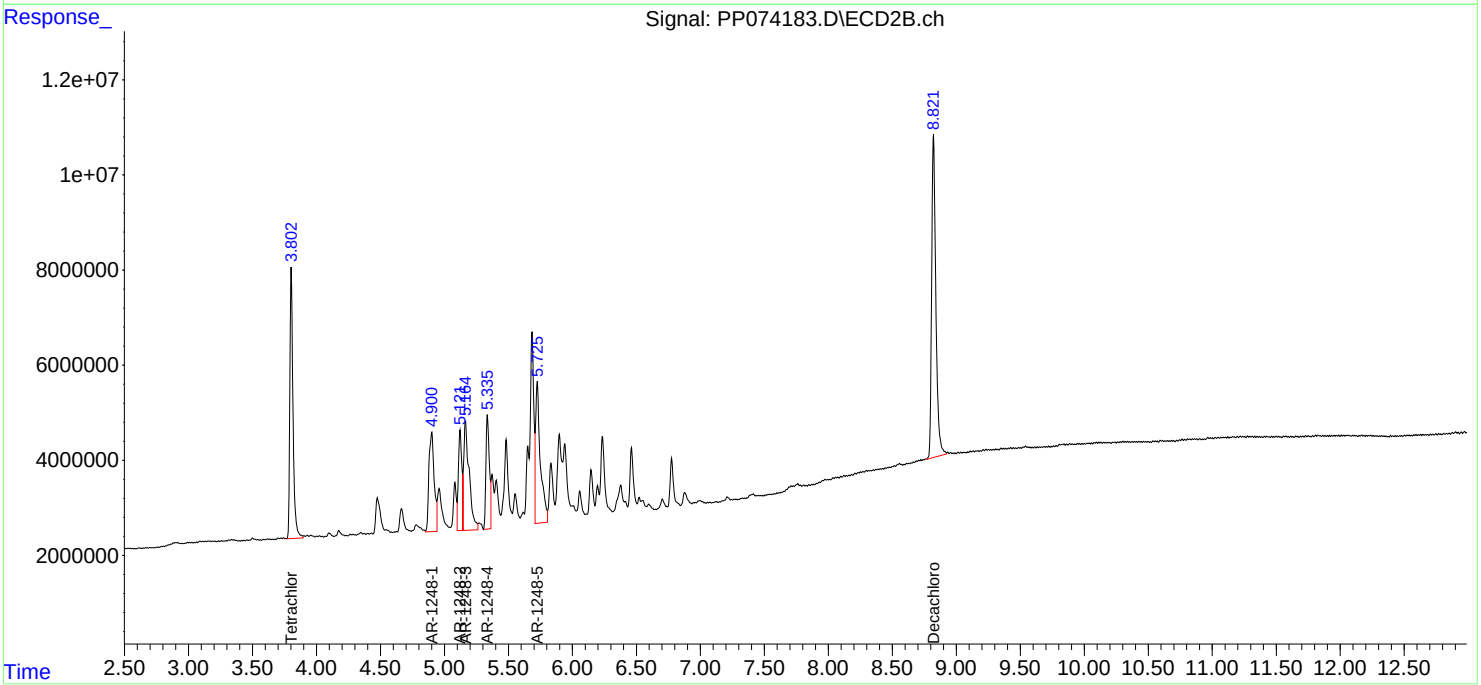
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:13
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

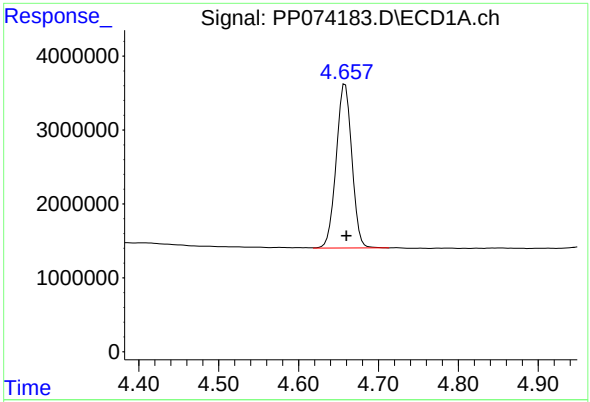
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:42 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



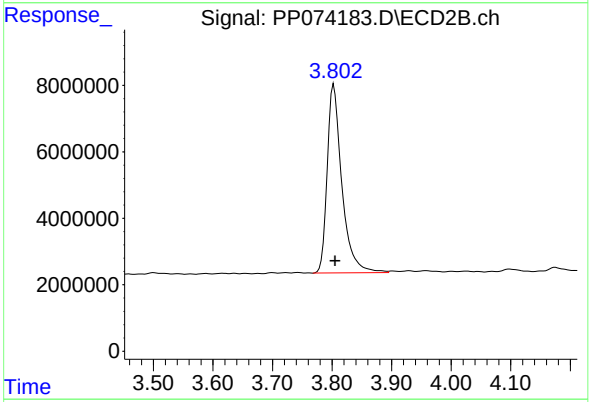




#1 Tetrachloro-m-xylene

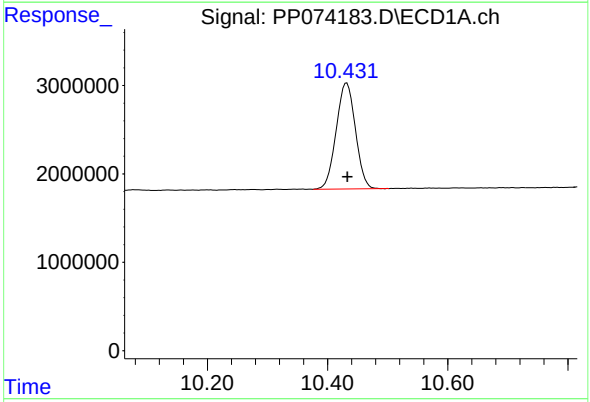
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 30204378
Conc: 27.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



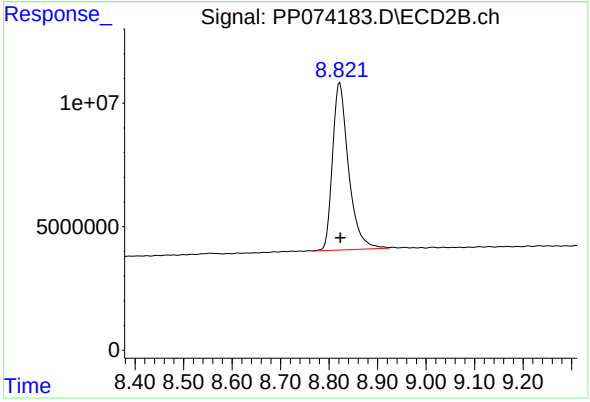
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 97138985
Conc: 24.62 ng/ml



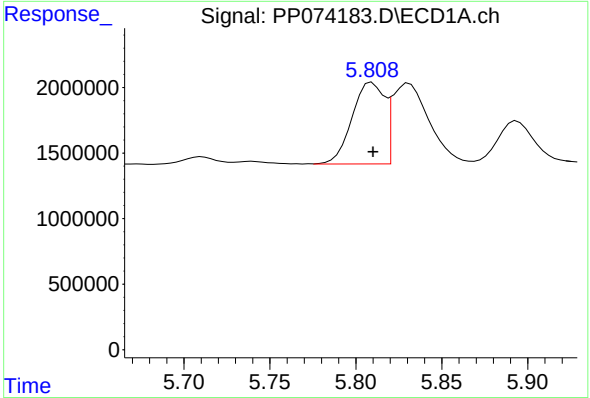
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.001 min
Response: 26634667
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

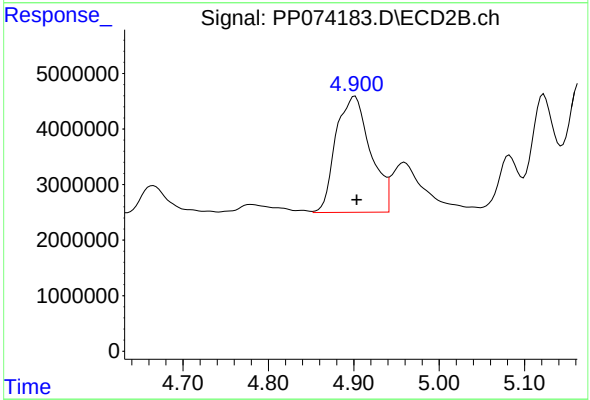
R.T.: 8.822 min
Delta R.T.: -0.002 min
Response: 155185919
Conc: 25.46 ng/ml



#21 AR-1248-1

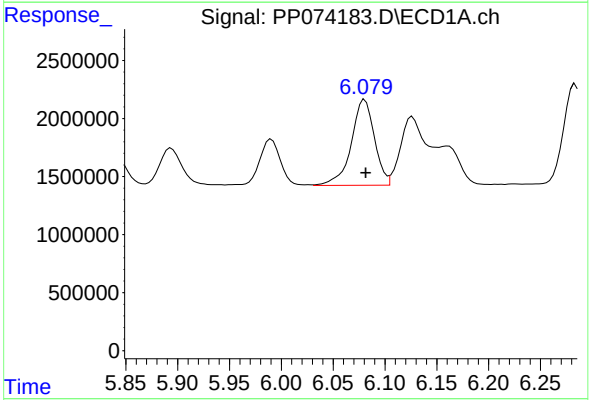
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 8094387
Conc: 285.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



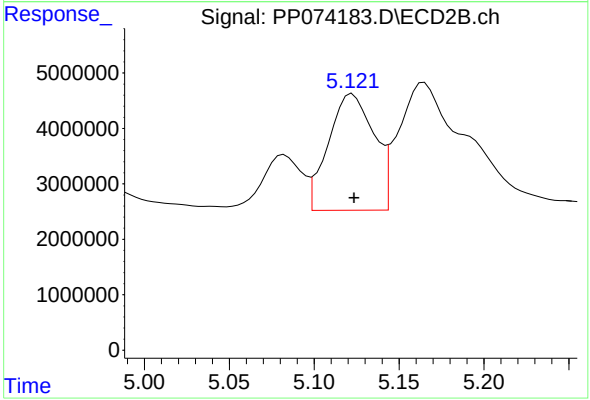
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 58805600
Conc: 262.96 ng/ml



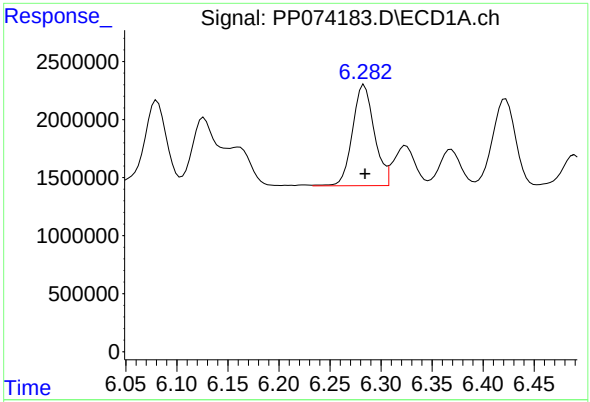
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 11513534
Conc: 286.50 ng/ml



#22 AR-1248-2

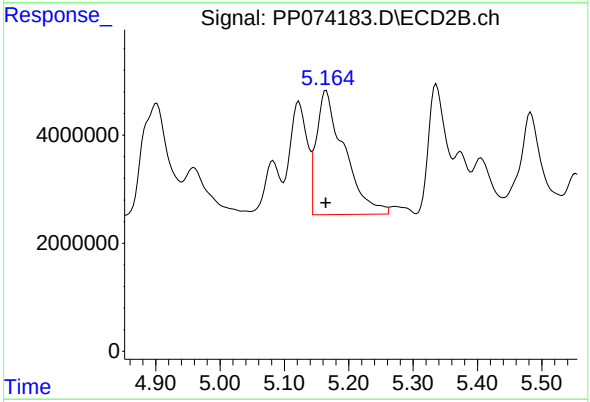
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 39336577
Conc: 266.20 ng/ml



#23 AR-1248-3

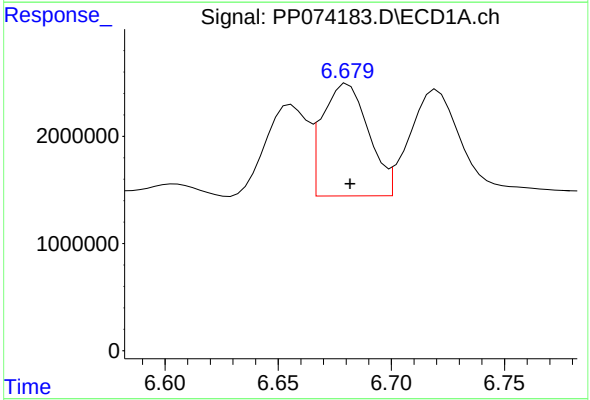
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 12904204
Conc: 289.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



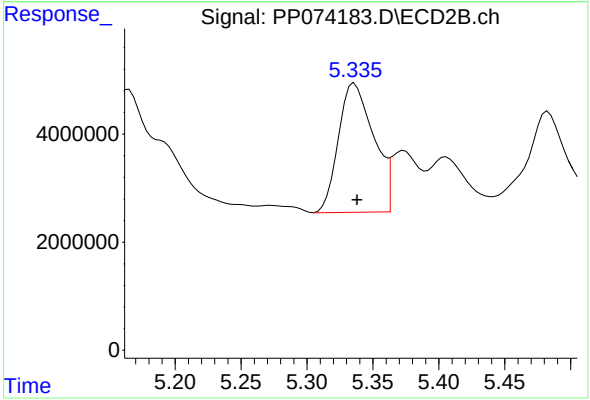
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 69173885
Conc: 367.81 ng/ml



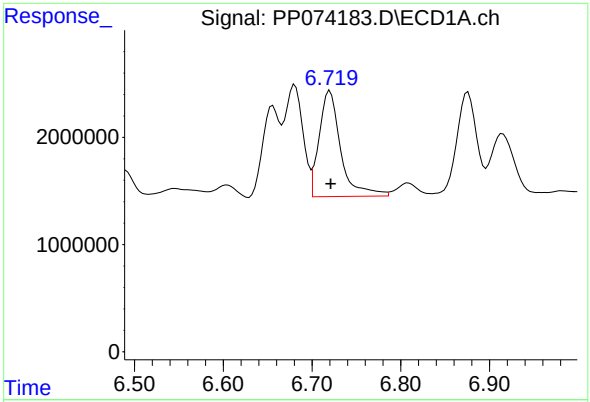
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 14893139
Conc: 288.73 ng/ml



#24 AR-1248-4

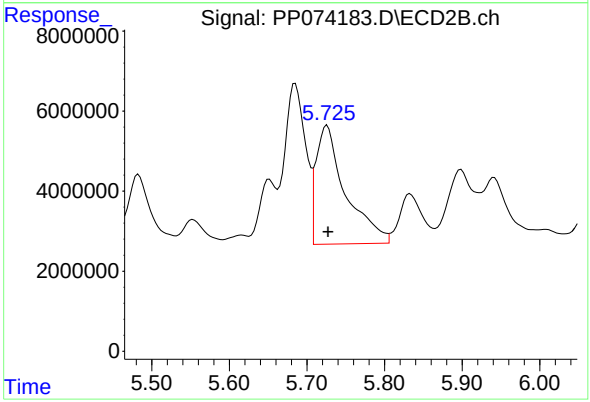
R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 44358232
Conc: 265.53 ng/ml



#25 AR-1248-5

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 16656065
Conc: 312.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.726 min
Delta R.T.: -0.001 min
Response: 78356187
Conc: 258.79 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:45
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:50:23 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...	4.657	3.805	5447895	10728554	4.916	2.874	#
2)	SA Decachlor...	10.430	8.822	4528417	21556891	4.737	3.683	
	Target Compounds							
3)	L1 AR-1016-1	5.808	4.904	1301704	7691669	50.000	50.000	
4)	L1 AR-1016-2	5.830	4.961	1506791	2889464	50.000	50.000	
5)	L1 AR-1016-3	5.893	5.083	912758	2209718	50.000	50.000	
6)	L1 AR-1016-4	5.989	5.124	905932	6612812	50.000	50.000	
7)	L1 AR-1016-5	6.282	5.338	2166497	6957197	50.000	50.000	
8)	L2 AR-1221-1	0.000	4.011	0	88465	N.D.	50.000	#
9)	L2 AR-1221-2	0.000	4.099	0	176328	N.D.	50.000	#
10)	L2 AR-1221-3	5.028	4.173	149345	176786	50.000	50.000	
11)	L3 AR-1232-1	5.028	4.173	149345	176786	50.000	50.000	
12)	L3 AR-1232-2	5.544	4.904	538747	7691669	50.000	50.000	
13)	L3 AR-1232-3	5.830	5.083	1506791	2209718	50.000	50.000	
14)	L3 AR-1232-4	5.989	5.165	905932	10180468	50.000	50.000	
15)	L3 AR-1232-5	6.079	5.338	2014788	6957197	50.000	50.000	
16)	L4 AR-1242-1	5.808	4.904	1301704	7691669	50.000	50.000	
17)	L4 AR-1242-2	5.830	4.961	1506791	2889464	50.000	50.000	
18)	L4 AR-1242-3	5.893	5.083	912758	2209718	50.000	50.000	
19)	L4 AR-1242-4	5.989	5.165	905932	10180468	50.000	50.000	
20)	L4 AR-1242-5	6.720	5.687	4438035	11760321	50.000	50.000	
21)	L5 AR-1248-1	5.808	4.904	1301704	7691669	46.465	35.954	
22)	L5 AR-1248-2	6.079	5.124	2014788	6612812	50.043	45.196	
23)	L5 AR-1248-3	6.282	5.165	2166497	10180468	48.605	59.507	
24)	L5 AR-1248-4	6.679	5.338	2645807	6957197	50.845	41.817	
25)	L5 AR-1248-5	6.720	5.728	4438035	8941676	75.586	30.677	#
26)	L6 AR-1254-1	6.679	5.687	2645807	11760321	50.000	50.000	
27)	L6 AR-1254-2	6.875	5.837	2755554	3845710	50.000	50.000	
28)	L6 AR-1254-3	7.232	6.236	2314261	4909321	50.000	50.000	
29)	L6 AR-1254-4	7.516	6.463	1042570	3783843	50.000	50.000	
30)	L6 AR-1254-5	7.933	6.876	550960	590234	50.000	50.000	
31)	L7 AR-1260-1	7.398	6.552	163262	747323	50.000	50.000	
32)	L7 AR-1260-2	7.653	6.704	562140	1510866	50.000	50.000	
33)	L7 AR-1260-3	8.044	6.923	153126	163984	50.000	50.000	
34)	L7 AR-1260-4	8.261	7.181	26056	309057	50.000	50.000	
35)	L7 AR-1260-5	8.575	7.411	133968	298545	50.000	50.000	
36)	L8 AR-1262-1	8.261	6.923	26056	163984	50.000	50.000	
37)	L8 AR-1262-2	8.575	7.181	133968	309057	50.000	50.000	
38)	L8 AR-1262-3	8.908	7.705	109903	278454	50.000	50.000	
39)	L8 AR-1262-4	9.003	7.771	58730	208733	50.000	50.000	
40)	L8 AR-1262-5	9.665	8.267	74050	248450	50.000	50.000	
41)	L9 AR-1268-1	8.908	7.705	109903	278454	50.000	50.000	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:45
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:50:23 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
42) L9	AR-1268-2	9.003	7.771	58730	208733	50.000	50.000
43) L9	AR-1268-3	9.237	7.980	25460	291706	50.000	50.000
44) L9	AR-1268-4	9.665	8.267	74050	248450	50.000	50.000
45) L9	AR-1268-5	10.098	8.567	28389	527976	50.000	50.000

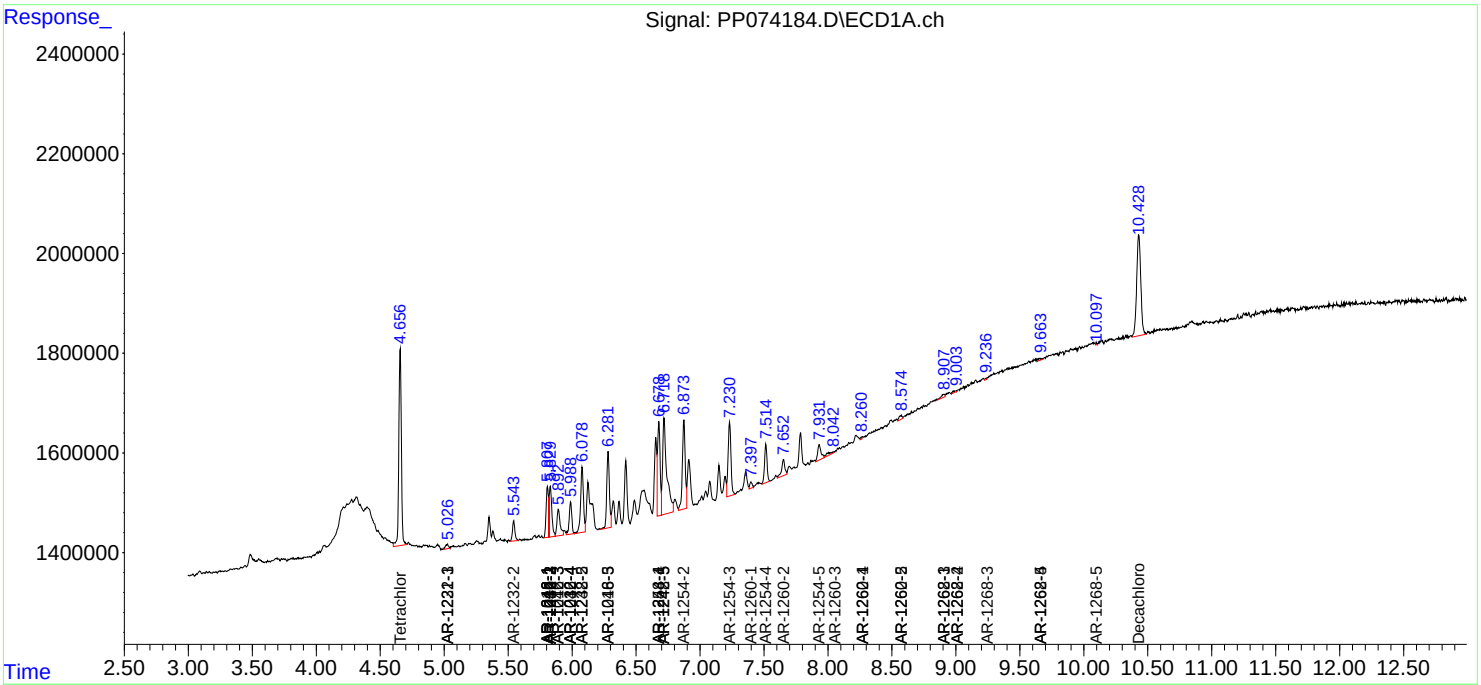
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

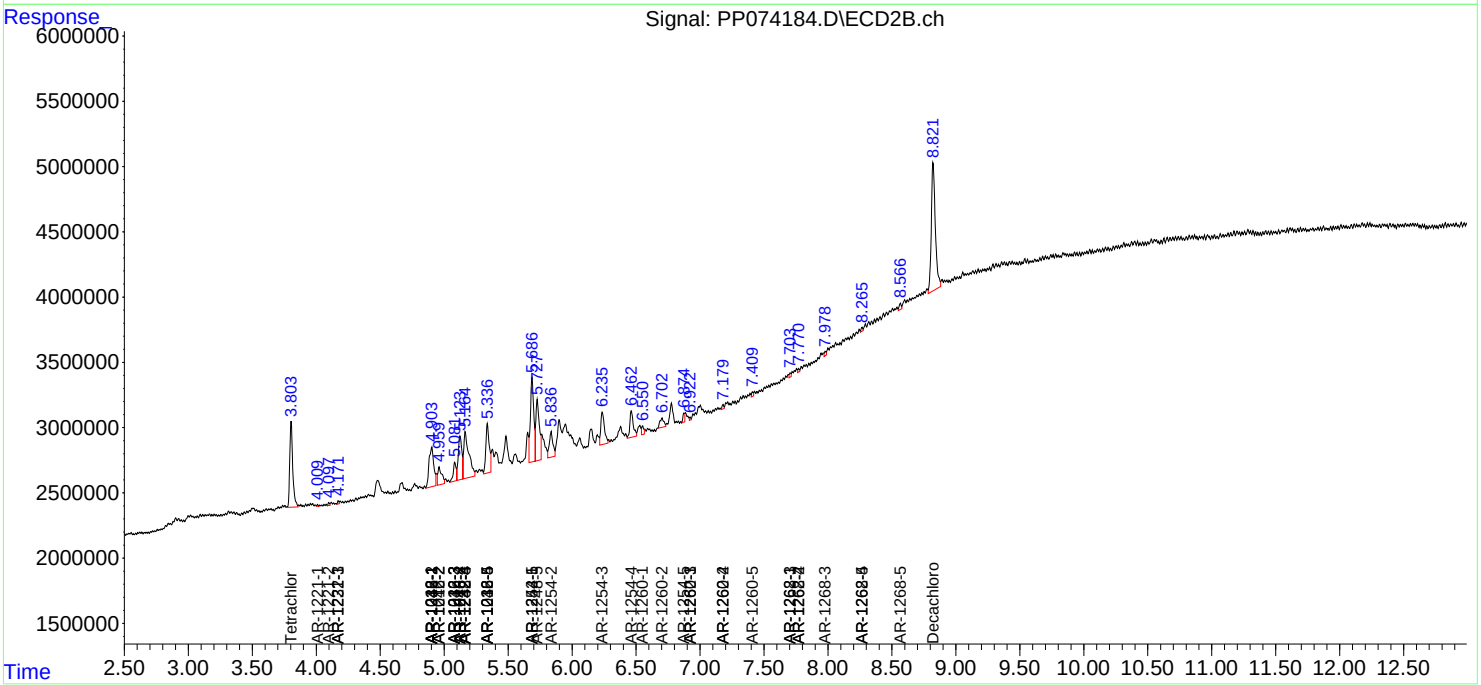
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 17:45
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

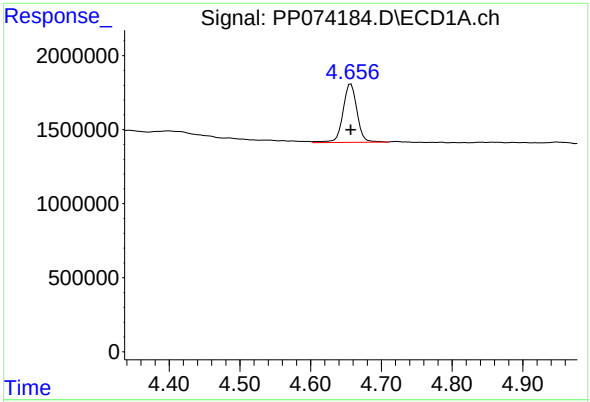
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:50:23 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



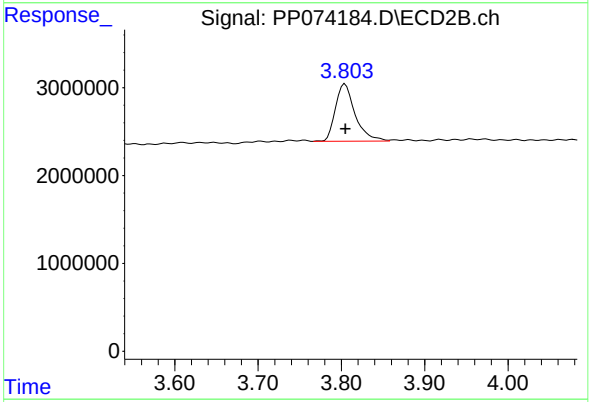




#1 Tetrachloro-m-xylene

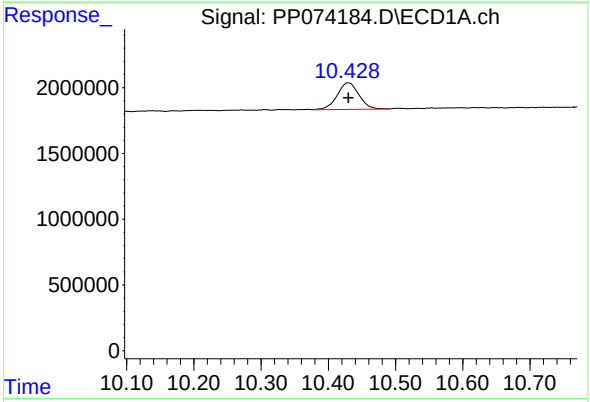
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5447895
Conc: 4.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



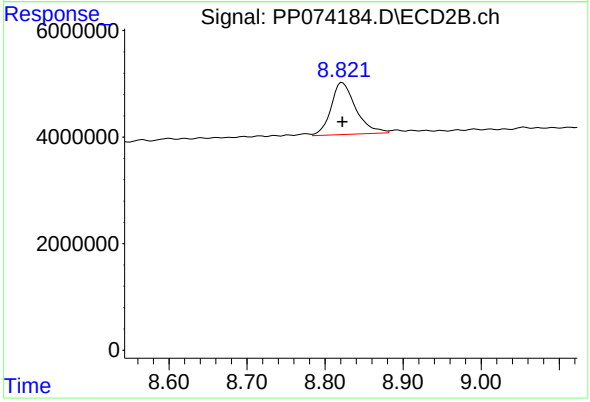
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 10728554
Conc: 2.87 ng/ml



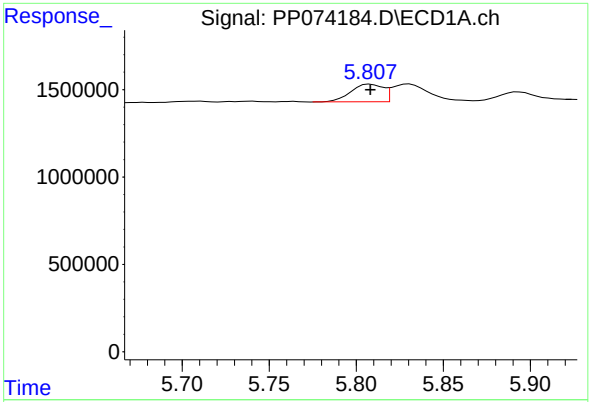
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 4528417
Conc: 4.74 ng/ml



#2 Decachlorobiphenyl

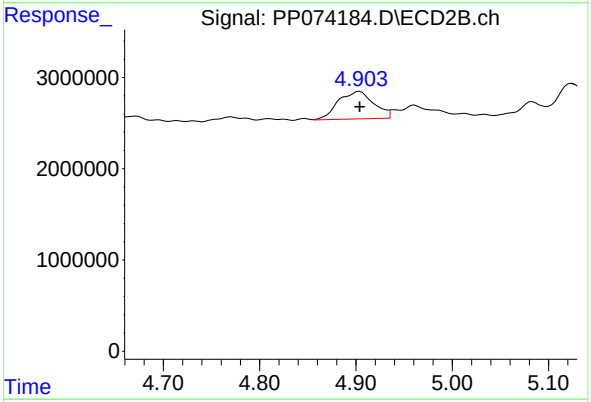
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 21556891
Conc: 3.68 ng/ml



#3 AR-1016-1

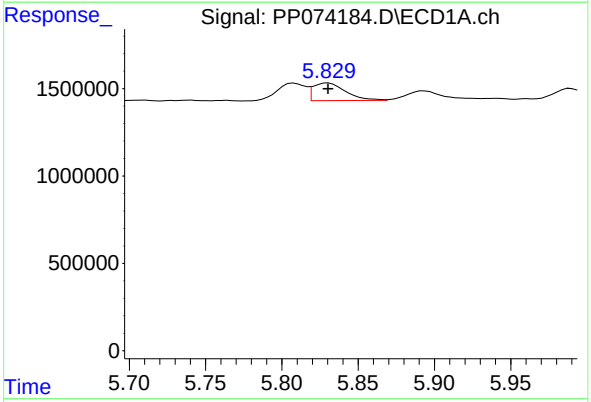
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 1301704
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



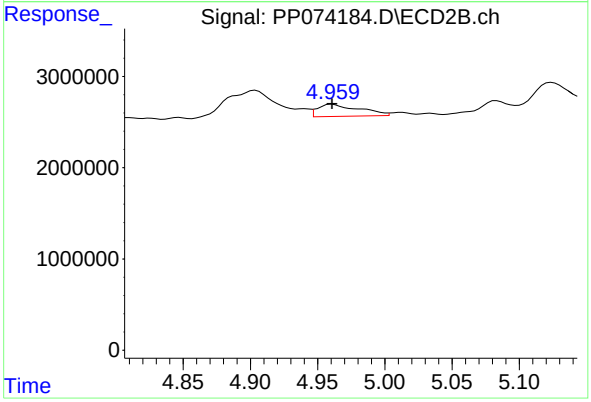
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 7691669
Conc: 50.00 ng/ml



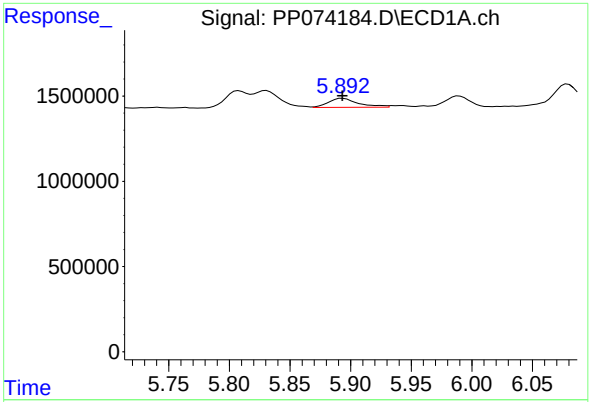
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 1506791
Conc: 50.00 ng/ml



#4 AR-1016-2

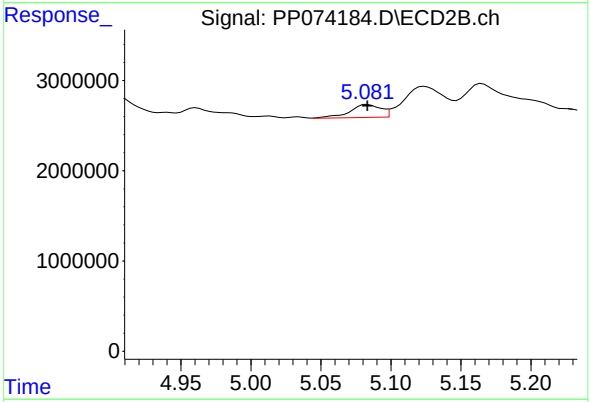
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 2889464
Conc: 50.00 ng/ml



#5 AR-1016-3

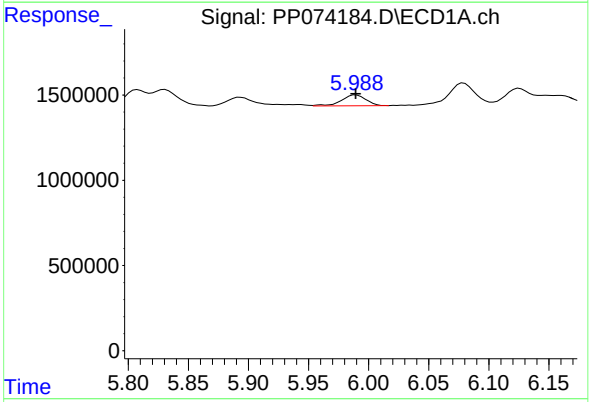
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 912758
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



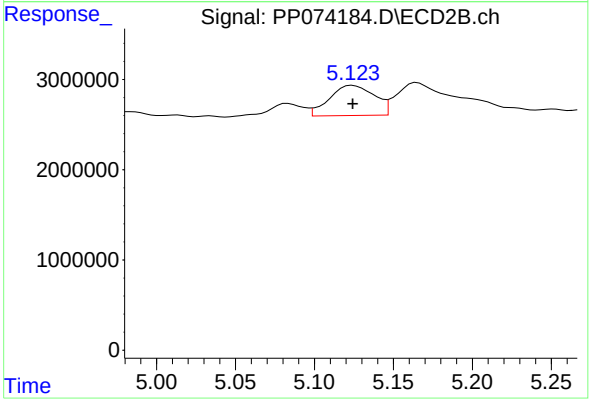
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 2209718
Conc: 50.00 ng/ml



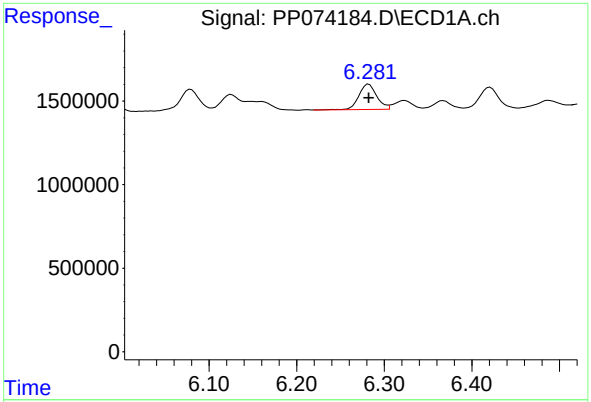
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 905932
Conc: 50.00 ng/ml



#6 AR-1016-4

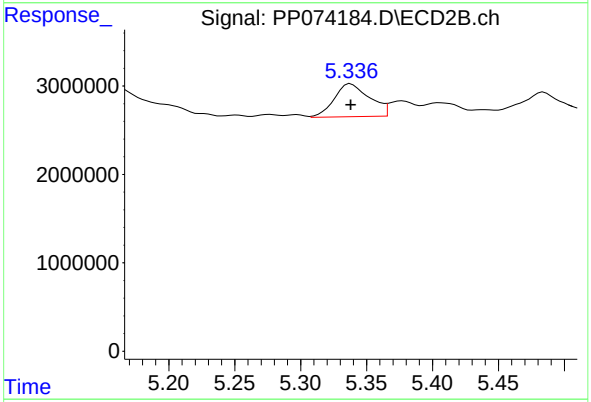
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 6612812
Conc: 50.00 ng/ml



#7 AR-1016-5

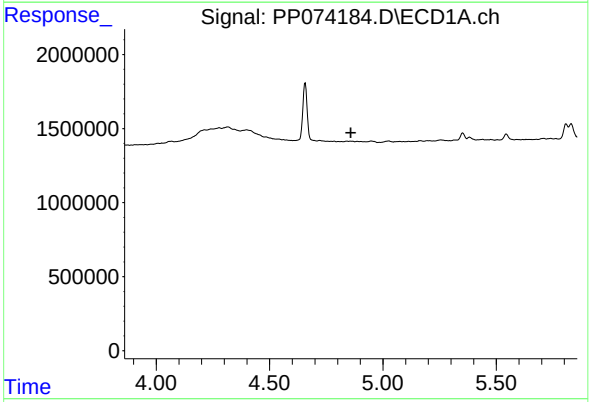
R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 2166497
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



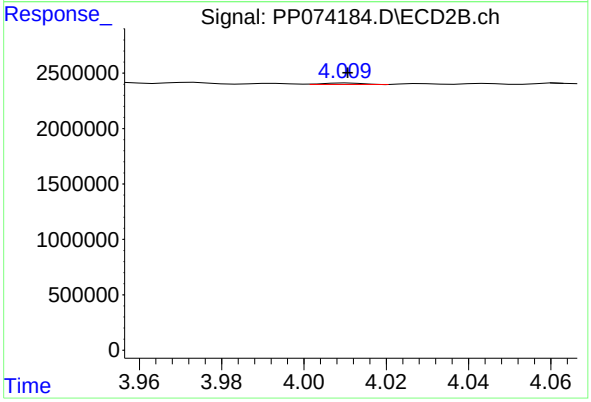
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 6957197
Conc: 50.00 ng/ml



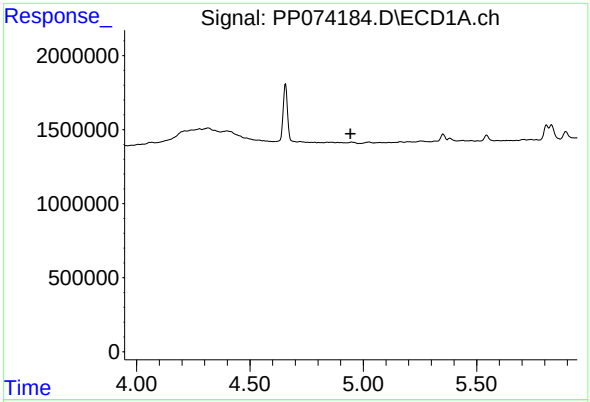
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#8 AR-1221-1

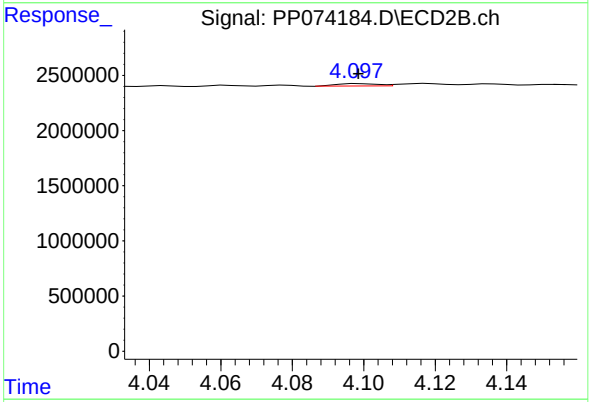
R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 88465
Conc: 50.00 ng/ml



#9 AR-1221-2

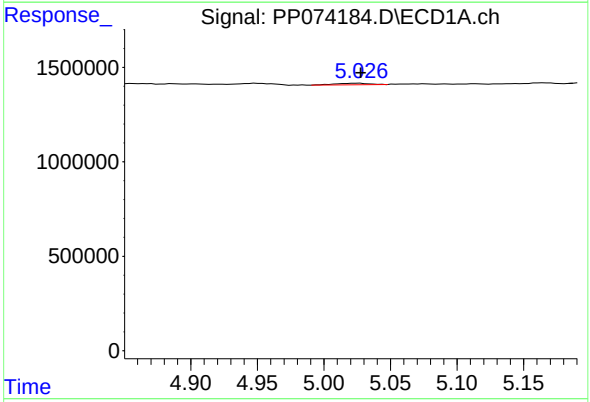
R.T.: 0.000 min
Exp R.T. : 4.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



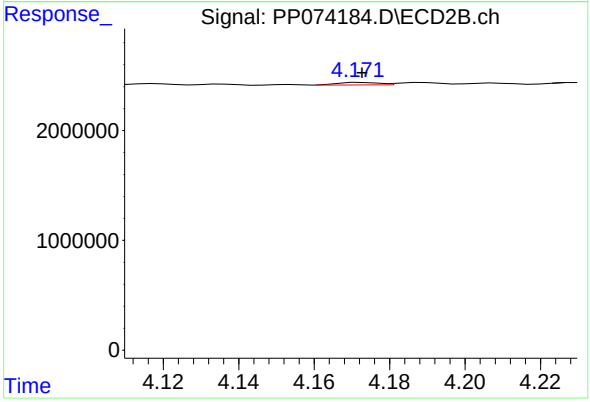
#9 AR-1221-2

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 176328
Conc: 50.00 ng/ml



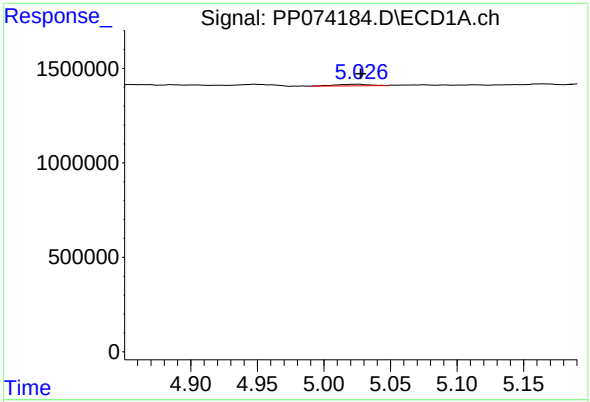
#10 AR-1221-3

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 149345
Conc: 50.00 ng/ml



#10 AR-1221-3

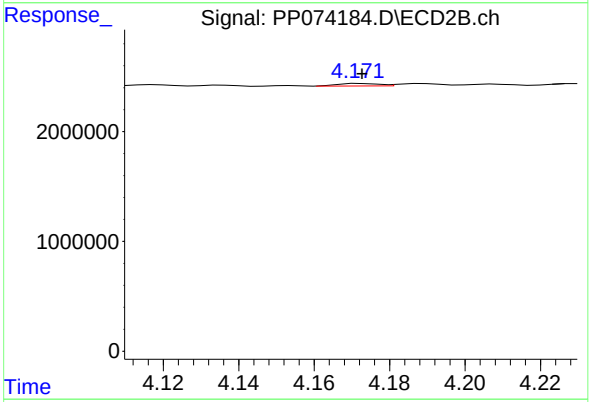
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 176786
Conc: 50.00 ng/ml



#11 AR-1232-1

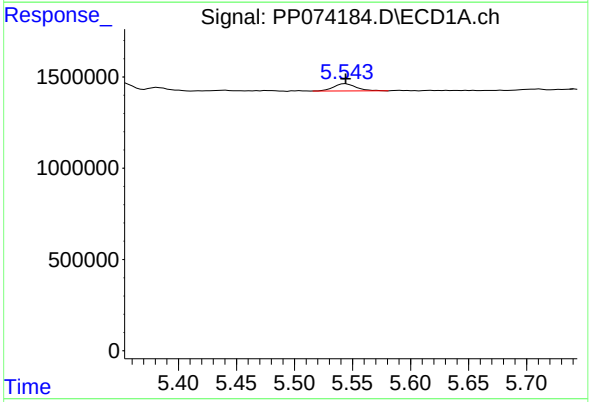
R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 149345
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



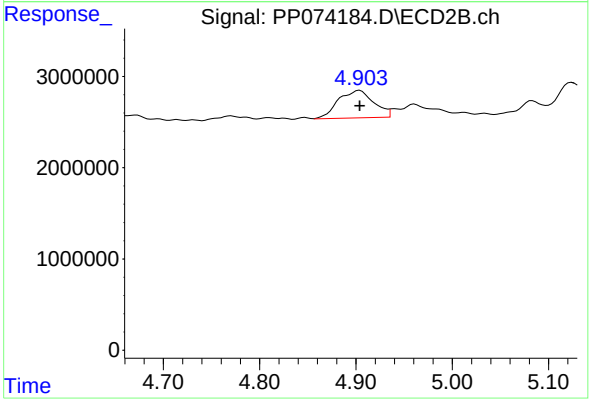
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 176786
Conc: 50.00 ng/ml



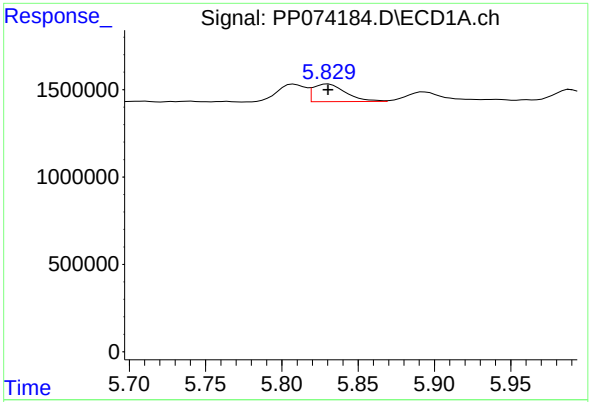
#12 AR-1232-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 538747
Conc: 50.00 ng/ml



#12 AR-1232-2

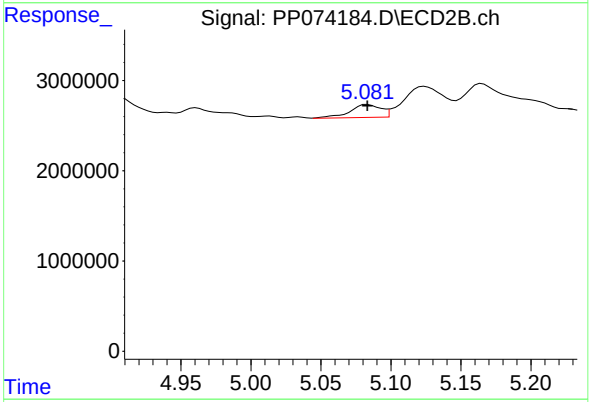
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 7691669
Conc: 50.00 ng/ml



#13 AR-1232-3

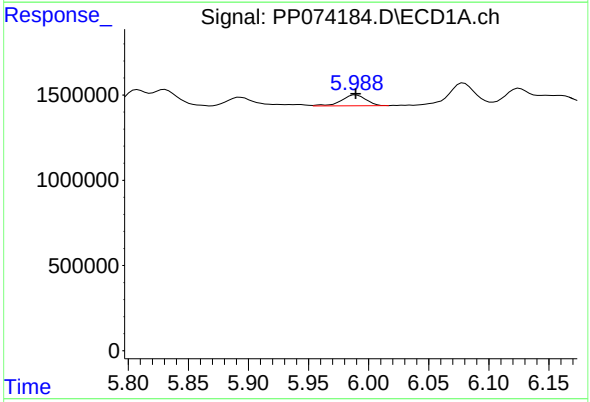
R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 1506791
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



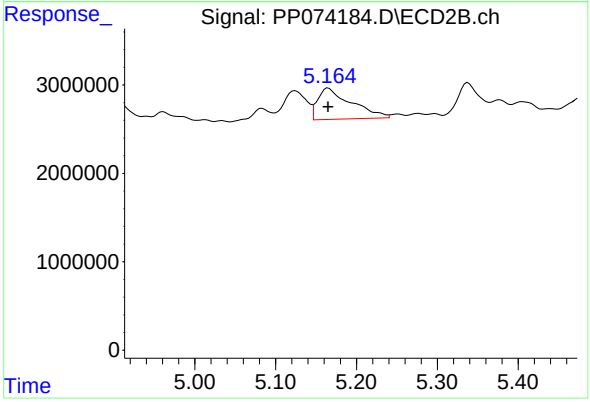
#13 AR-1232-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 2209718
Conc: 50.00 ng/ml



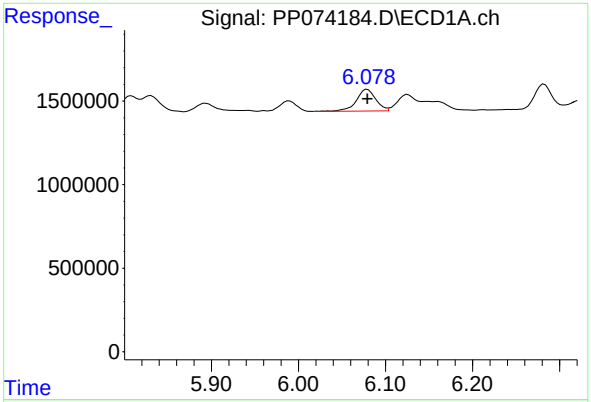
#14 AR-1232-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 905932
Conc: 50.00 ng/ml



#14 AR-1232-4

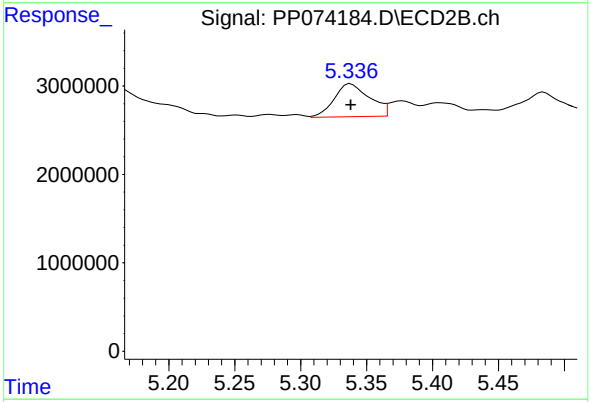
R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 10180468
Conc: 50.00 ng/ml



#15 AR-1232-5

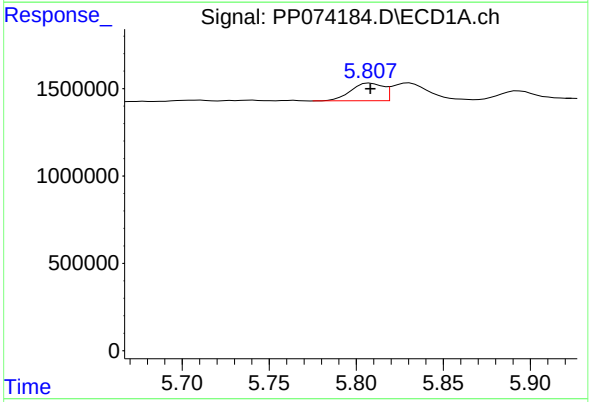
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 2014788
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



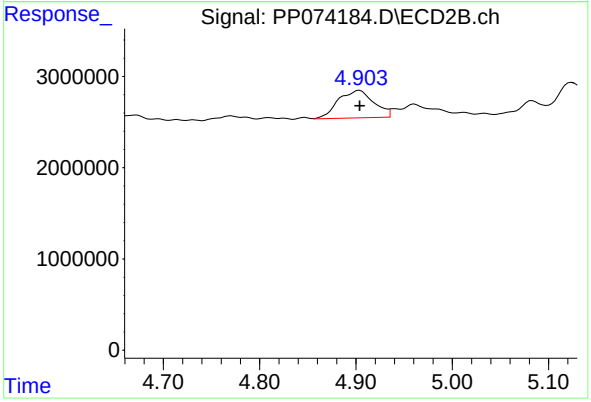
#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 6957197
Conc: 50.00 ng/ml



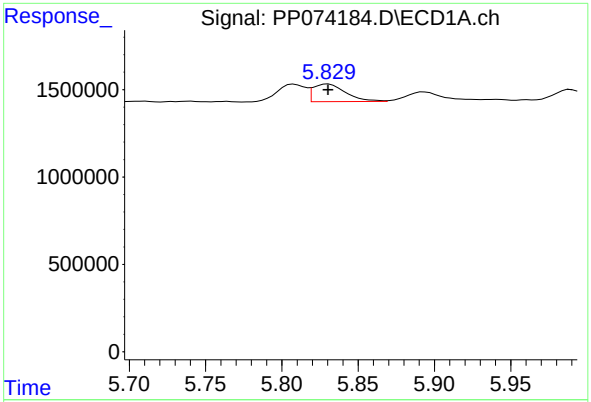
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 1301704
Conc: 50.00 ng/ml



#16 AR-1242-1

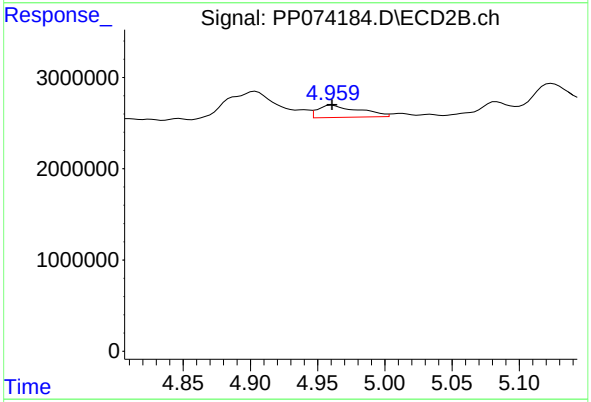
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 7691669
Conc: 50.00 ng/ml



#17 AR-1242-2

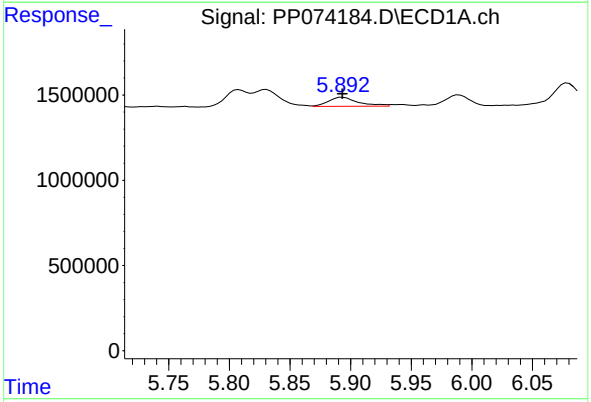
R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 1506791
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



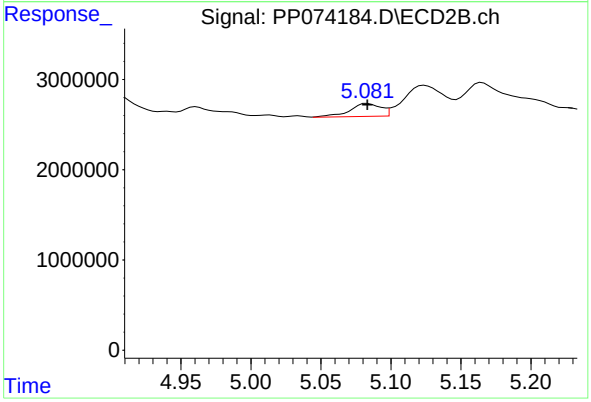
#17 AR-1242-2

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 2889464
Conc: 50.00 ng/ml



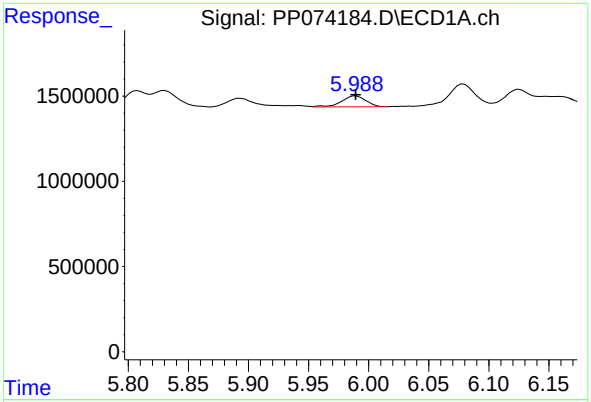
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 912758
Conc: 50.00 ng/ml



#18 AR-1242-3

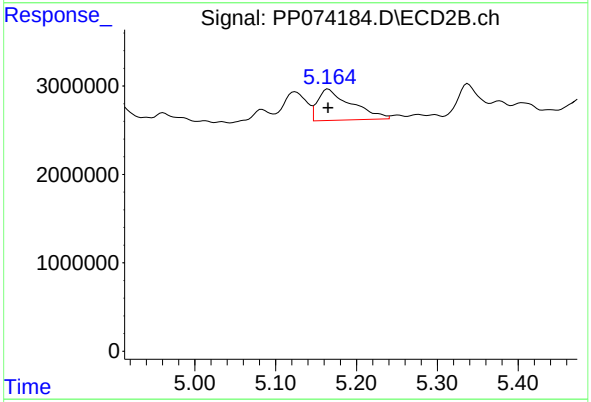
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 2209718
Conc: 50.00 ng/ml



#19 AR-1242-4

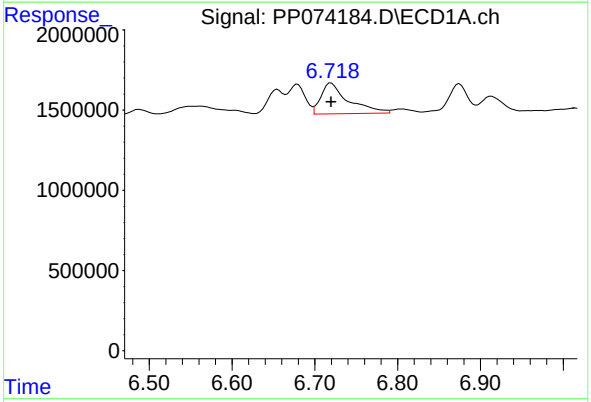
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 905932
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



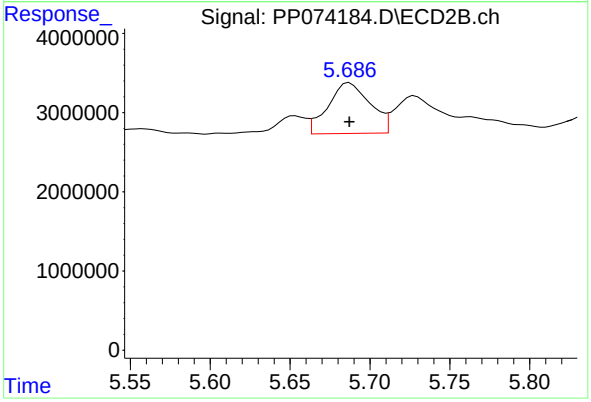
#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 10180468
Conc: 50.00 ng/ml



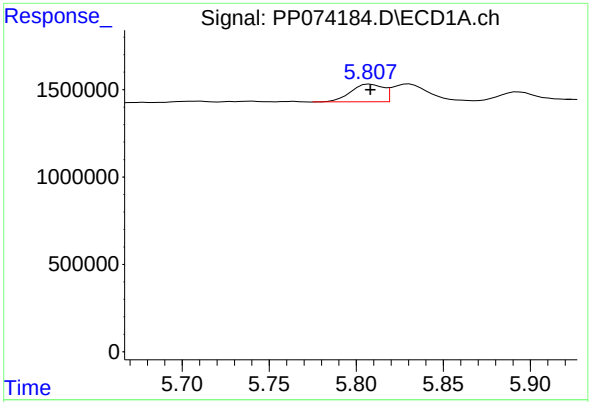
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 4438035
Conc: 50.00 ng/ml



#20 AR-1242-5

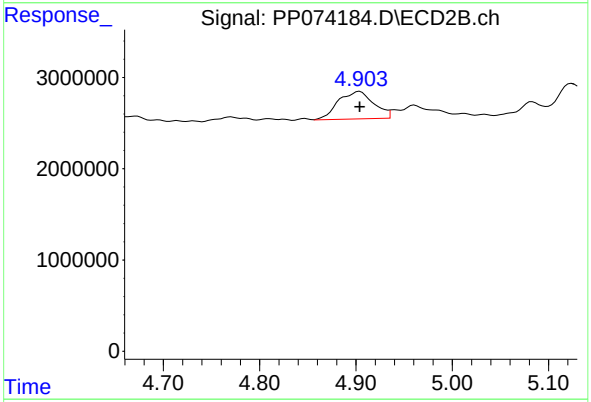
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 11760321
Conc: 50.00 ng/ml



#21 AR-1248-1

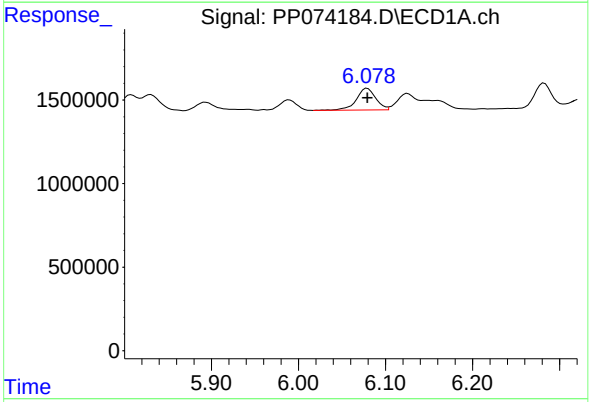
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 1301704
Conc: 46.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



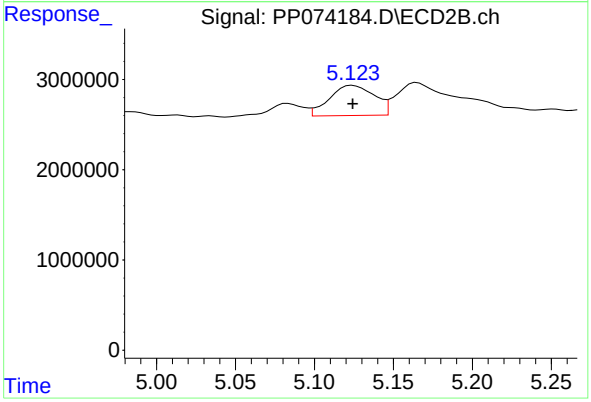
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 7691669
Conc: 35.95 ng/ml



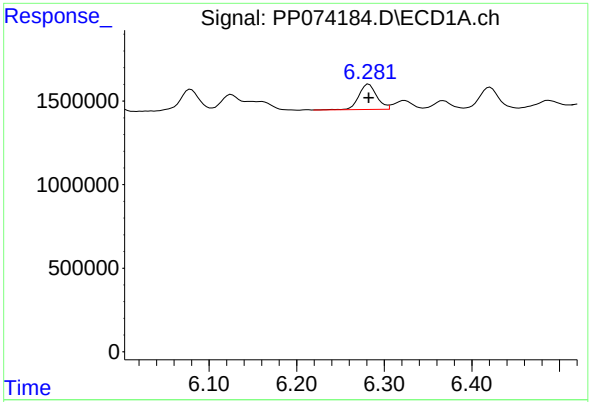
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 2014788
Conc: 50.04 ng/ml



#22 AR-1248-2

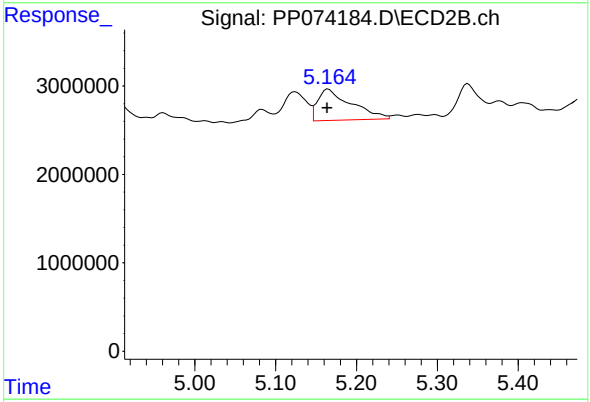
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 6612812
Conc: 45.20 ng/ml



#23 AR-1248-3

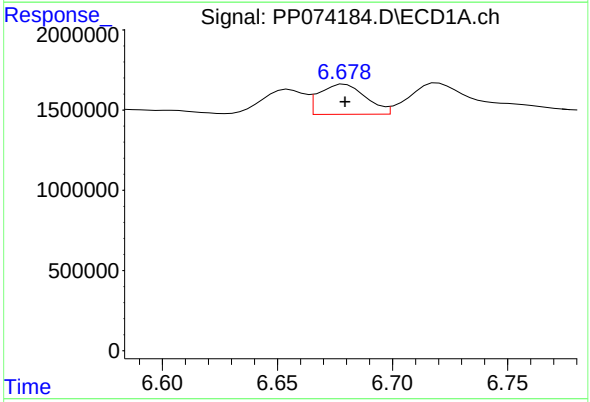
R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 2166497
Conc: 48.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



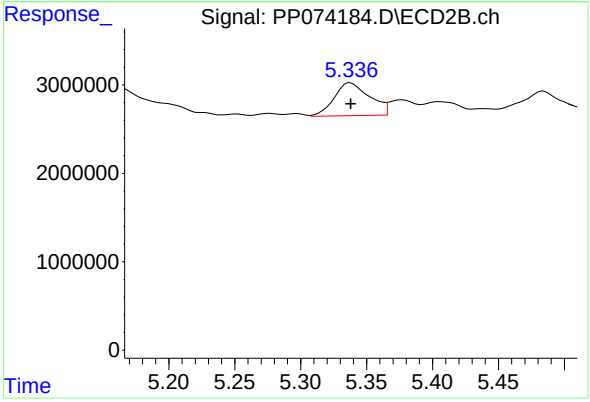
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 10180468
Conc: 59.51 ng/ml



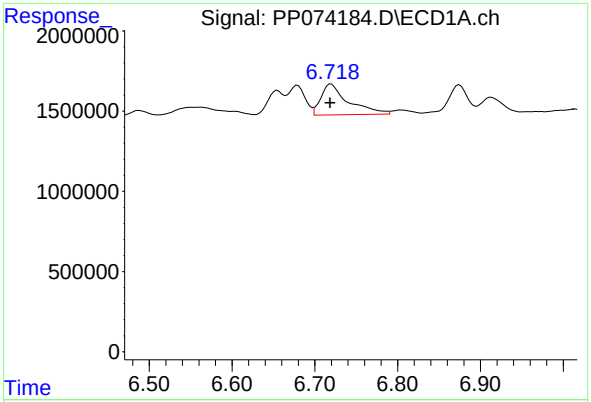
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2645807
Conc: 50.84 ng/ml



#24 AR-1248-4

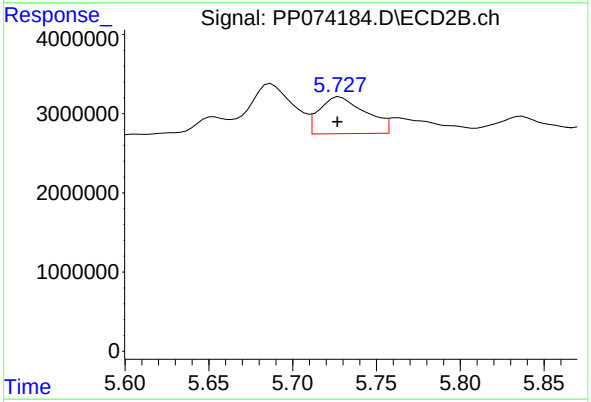
R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 6957197
Conc: 41.82 ng/ml



#25 AR-1248-5

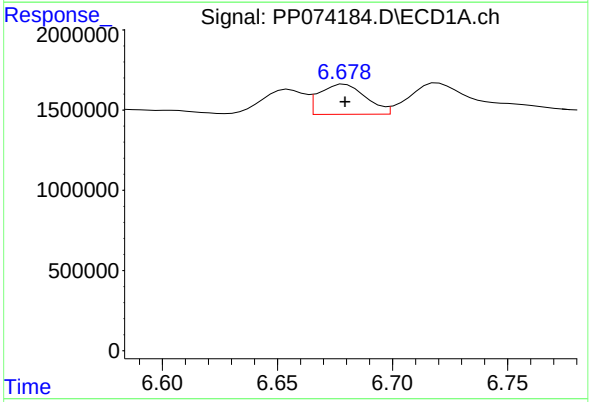
R.T.: 6.720 min
Delta R.T.: 0.001 min
Response: 4438035
Conc: 75.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



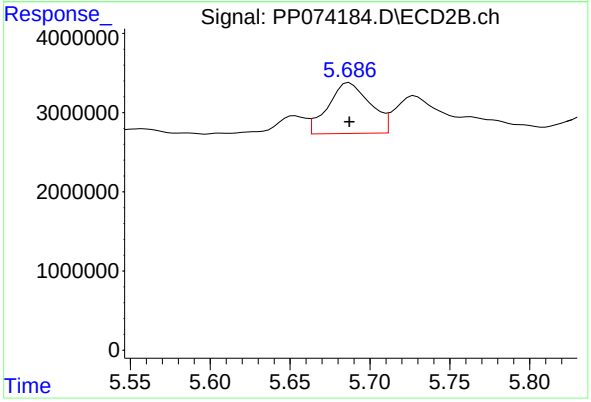
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: 0.001 min
Response: 8941676
Conc: 30.68 ng/ml



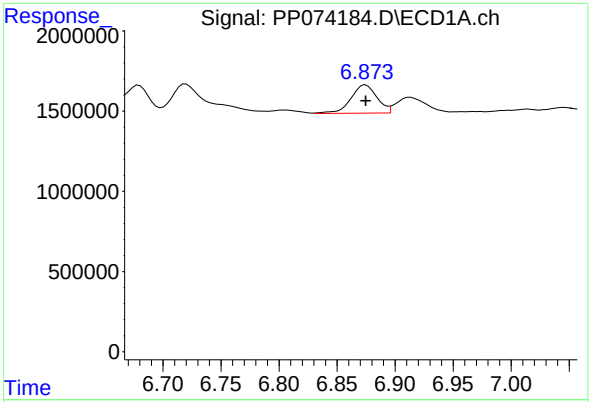
#26 AR-1254-1

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2645807
Conc: 50.00 ng/ml



#26 AR-1254-1

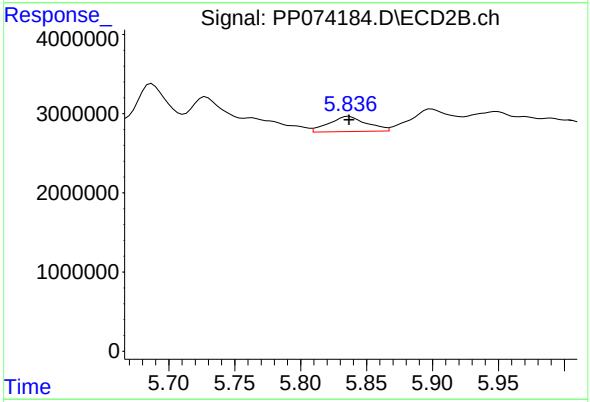
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 11760321
Conc: 50.00 ng/ml



#27 AR-1254-2

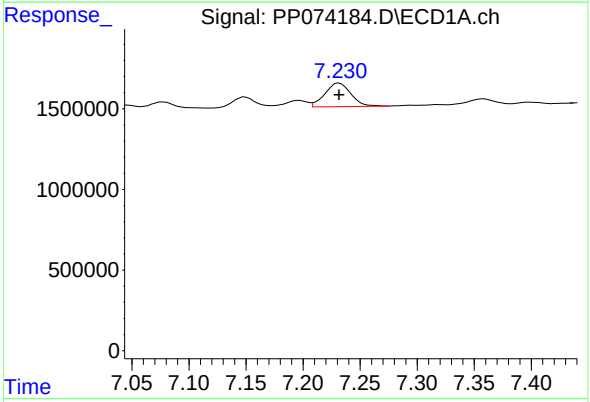
R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 2755554
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



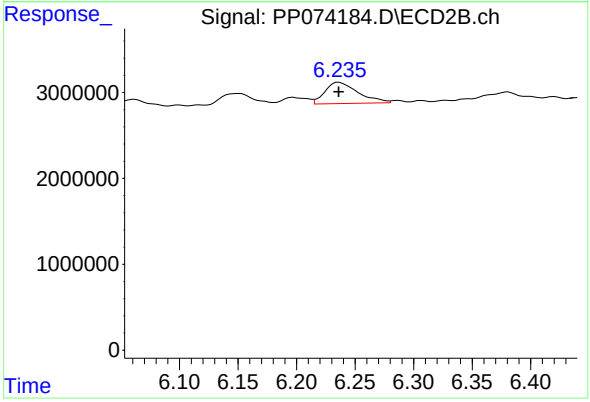
#27 AR-1254-2

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 3845710
Conc: 50.00 ng/ml



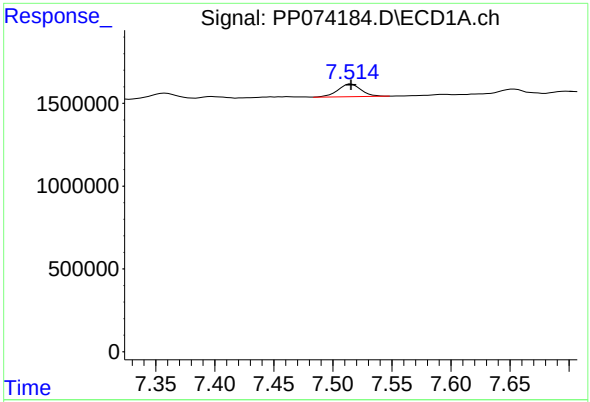
#28 AR-1254-3

R.T.: 7.232 min
Delta R.T.: 0.000 min
Response: 2314261
Conc: 50.00 ng/ml



#28 AR-1254-3

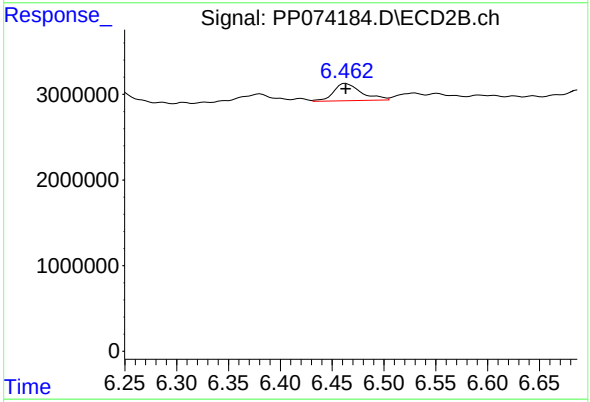
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 4909321
Conc: 50.00 ng/ml



#29 AR-1254-4

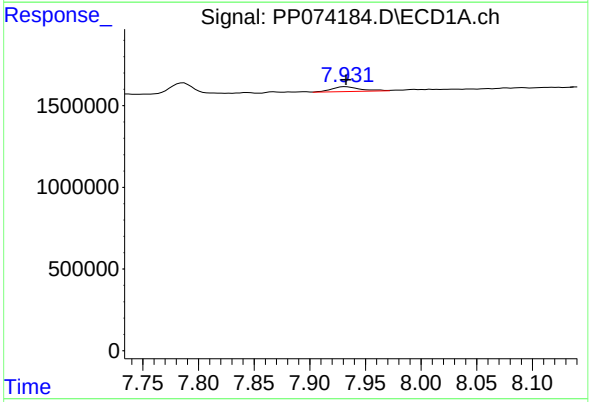
R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 1042570
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



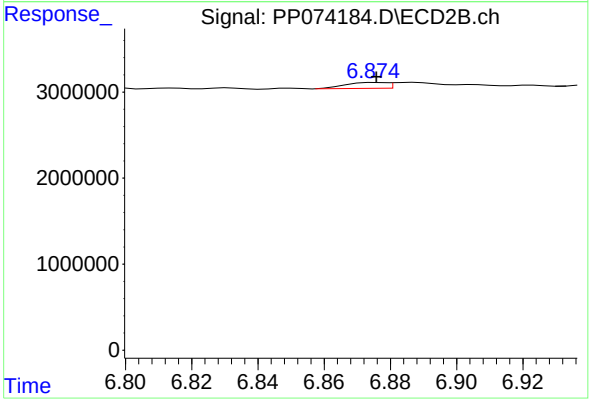
#29 AR-1254-4

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 3783843
Conc: 50.00 ng/ml



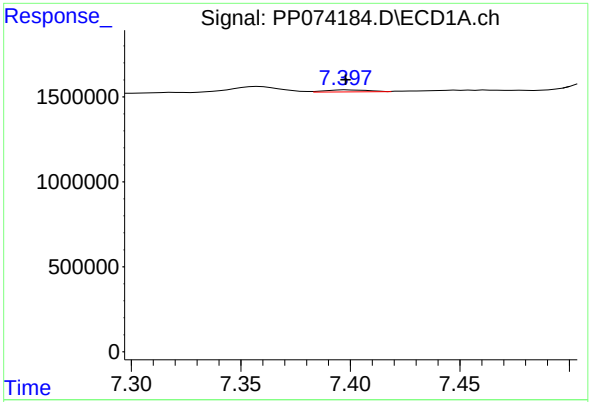
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 550960
Conc: 50.00 ng/ml



#30 AR-1254-5

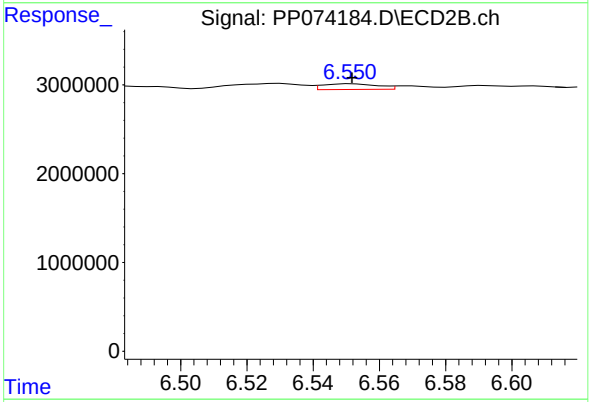
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 590234
Conc: 50.00 ng/ml



#31 AR-1260-1

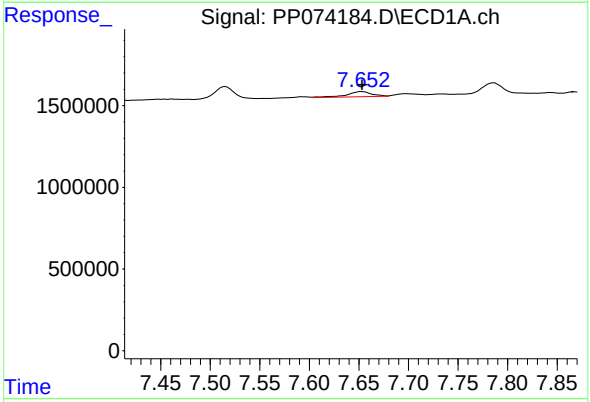
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 163262
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



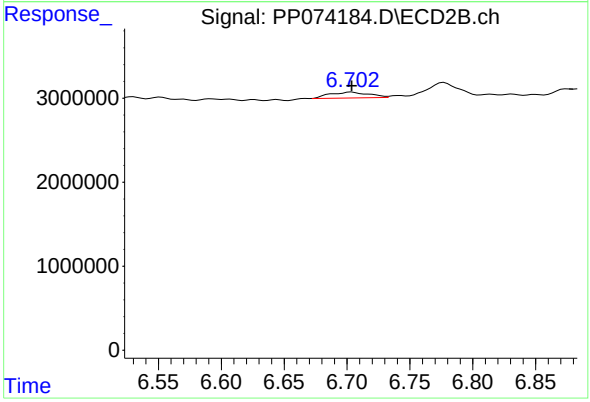
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 747323
Conc: 50.00 ng/ml



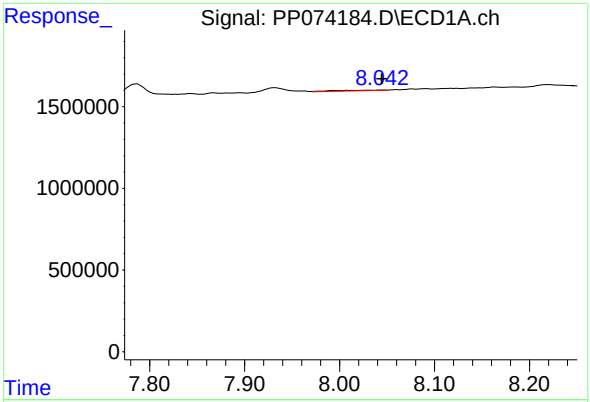
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 562140
Conc: 50.00 ng/ml



#32 AR-1260-2

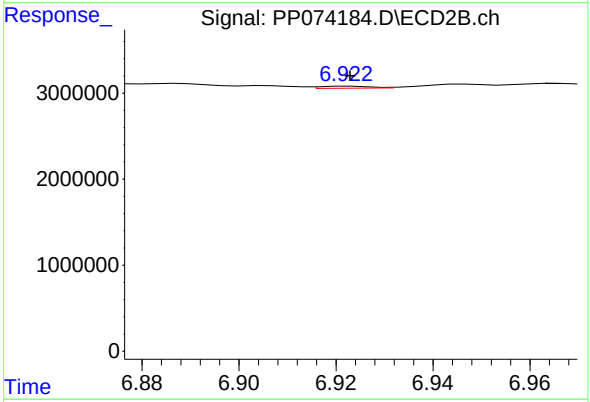
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 1510866
Conc: 50.00 ng/ml



#33 AR-1260-3

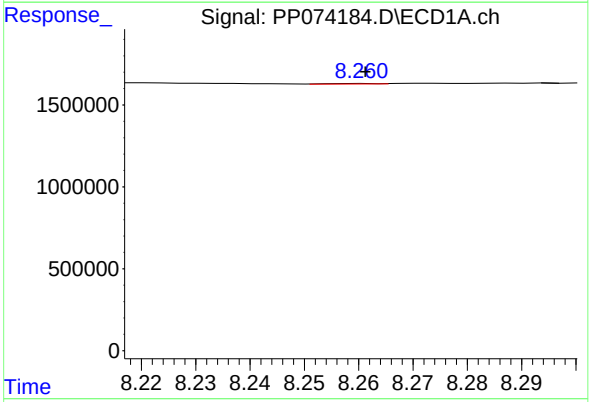
R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 153126
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



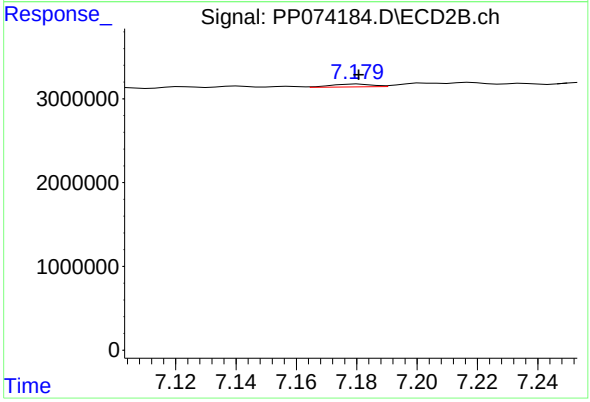
#33 AR-1260-3

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 163984
Conc: 50.00 ng/ml



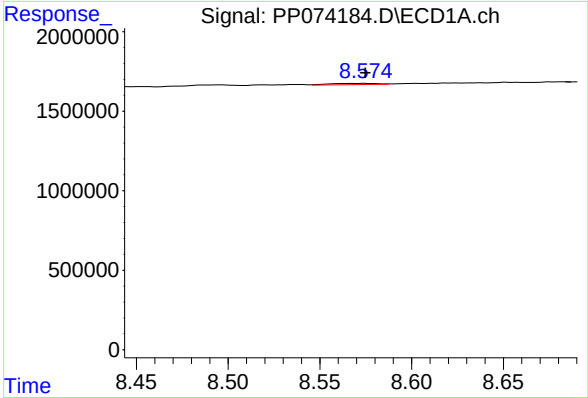
#34 AR-1260-4

R.T.: 8.261 min
Delta R.T.: 0.000 min
Response: 26056
Conc: 50.00 ng/ml



#34 AR-1260-4

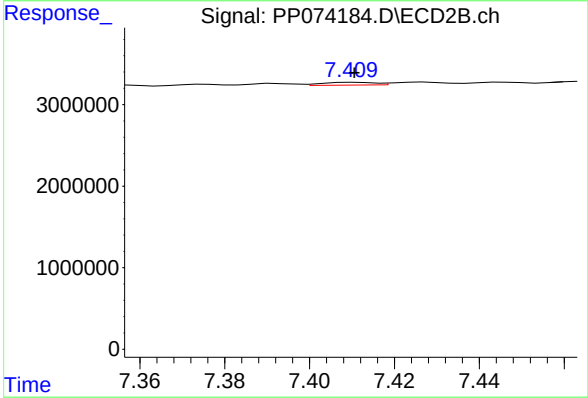
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 309057
Conc: 50.00 ng/ml



#35 AR-1260-5

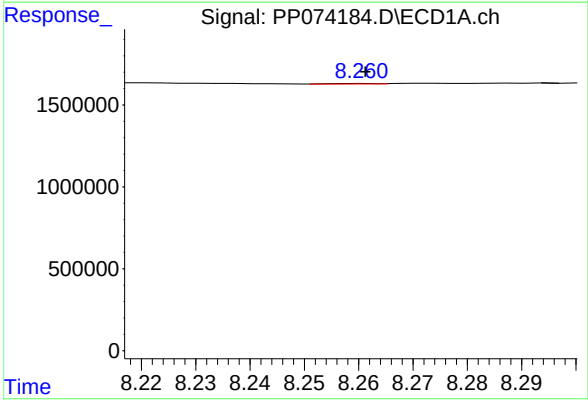
R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 133968
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



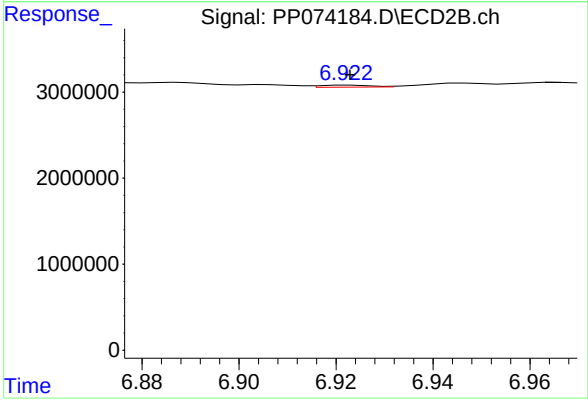
#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 298545
Conc: 50.00 ng/ml



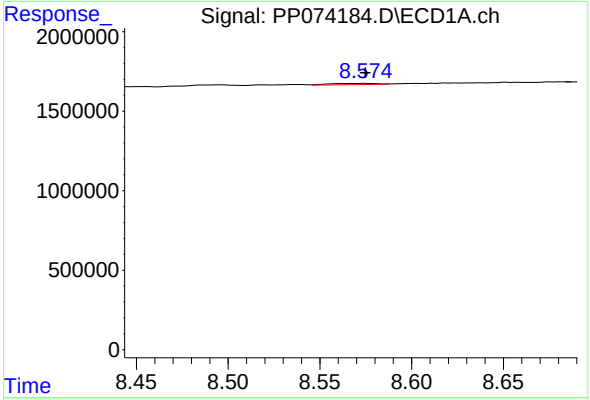
#36 AR-1262-1

R.T.: 8.261 min
Delta R.T.: 0.000 min
Response: 26056
Conc: 50.00 ng/ml



#36 AR-1262-1

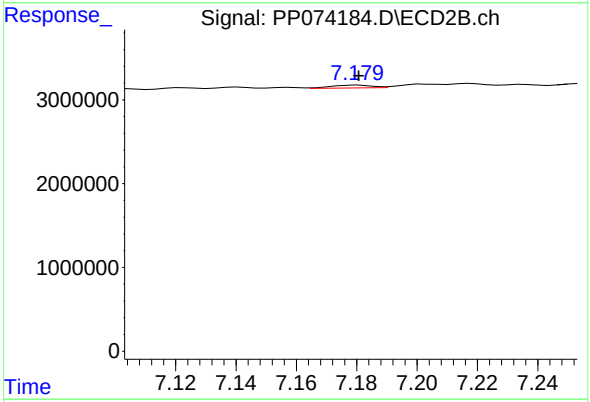
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 163984
Conc: 50.00 ng/ml



#37 AR-1262-2

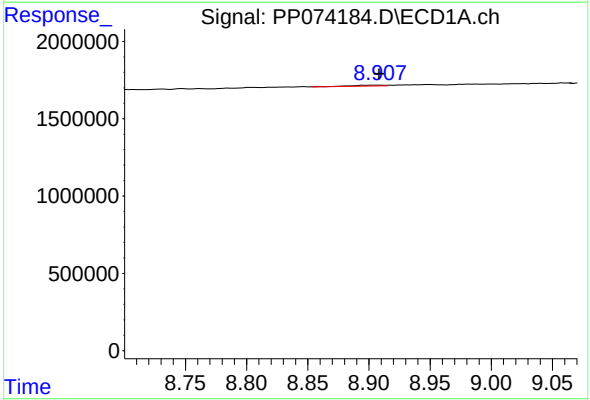
R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 133968
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



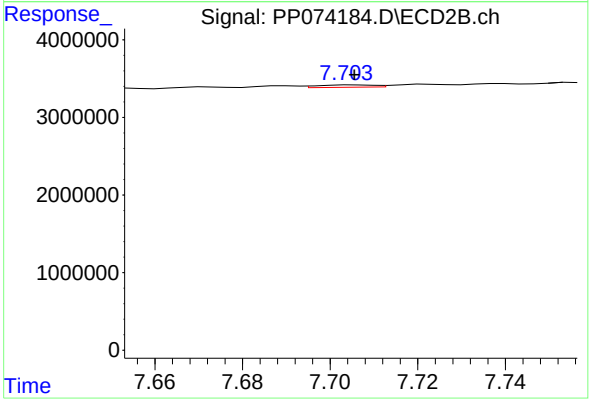
#37 AR-1262-2

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 309057
Conc: 50.00 ng/ml



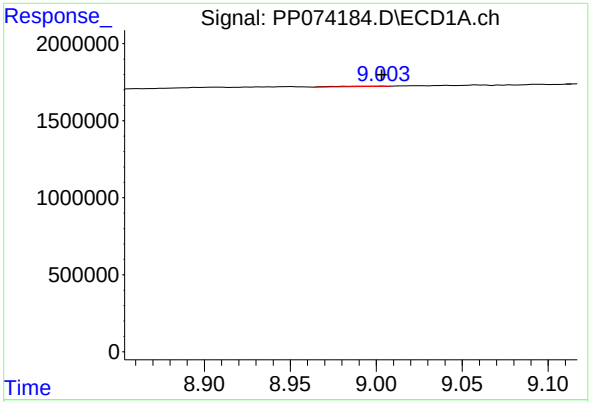
#38 AR-1262-3

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 109903
Conc: 50.00 ng/ml



#38 AR-1262-3

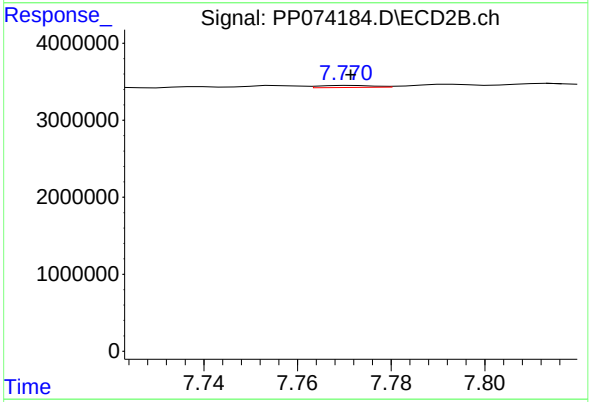
R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 278454
Conc: 50.00 ng/ml



#39 AR-1262-4

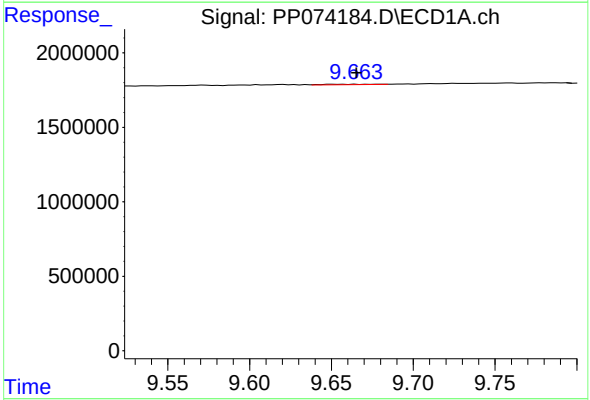
R.T.: 9.003 min
Delta R.T.: 0.000 min
Response: 58730
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



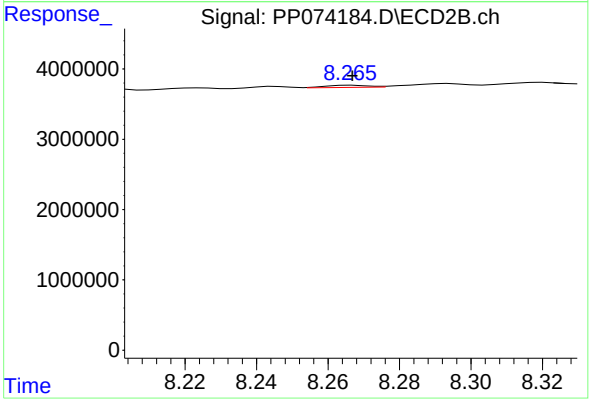
#39 AR-1262-4

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 208733
Conc: 50.00 ng/ml



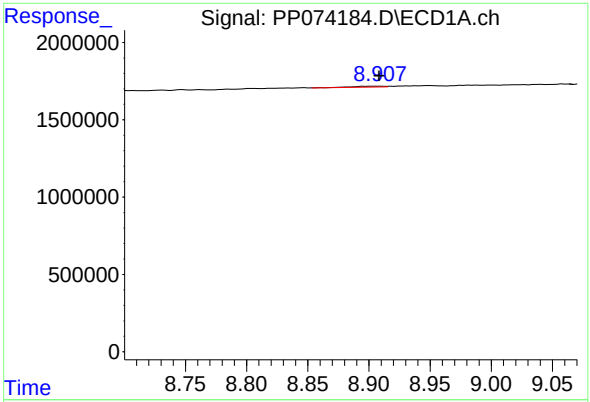
#40 AR-1262-5

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 74050
Conc: 50.00 ng/ml



#40 AR-1262-5

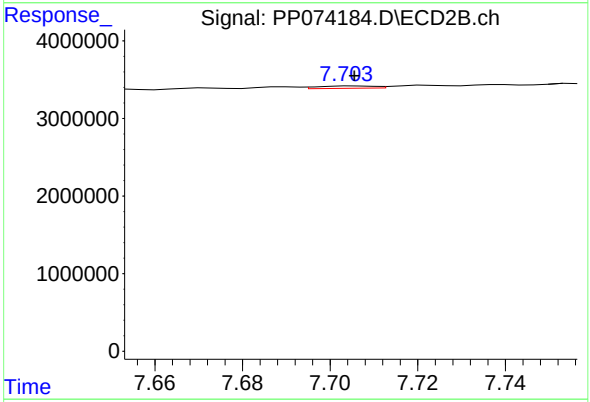
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 248450
Conc: 50.00 ng/ml



#41 AR-1268-1

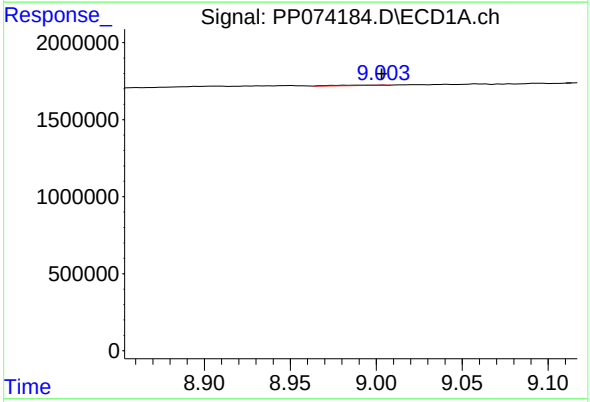
R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 109903
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



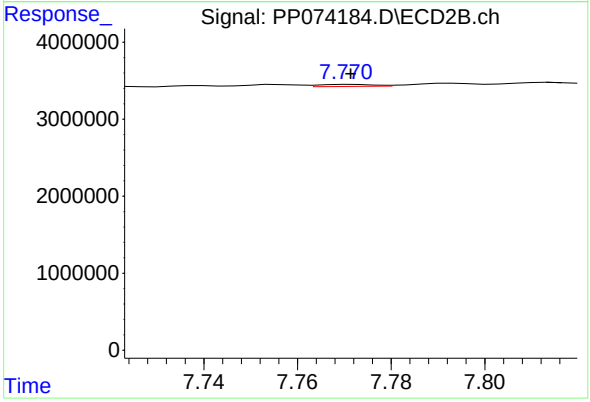
#41 AR-1268-1

R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 278454
Conc: 50.00 ng/ml



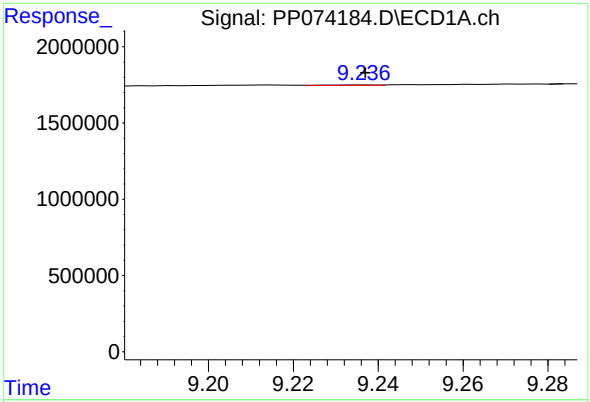
#42 AR-1268-2

R.T.: 9.003 min
Delta R.T.: 0.000 min
Response: 58730
Conc: 50.00 ng/ml



#42 AR-1268-2

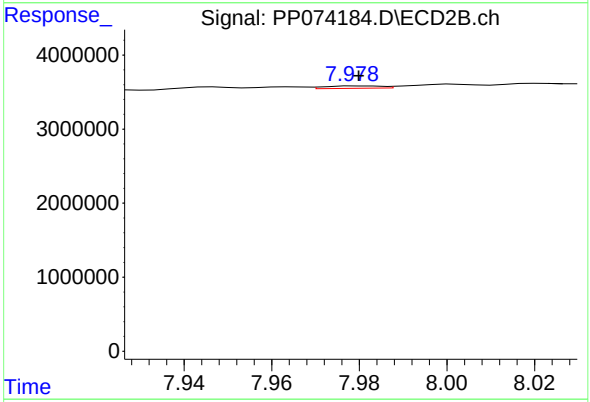
R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 208733
Conc: 50.00 ng/ml



#43 AR-1268-3

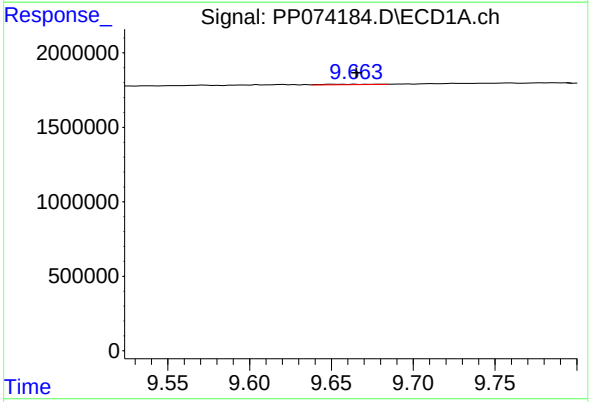
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 25460
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



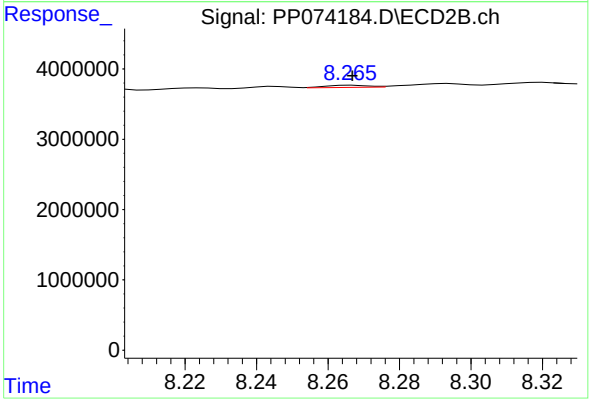
#43 AR-1268-3

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 291706
Conc: 50.00 ng/ml



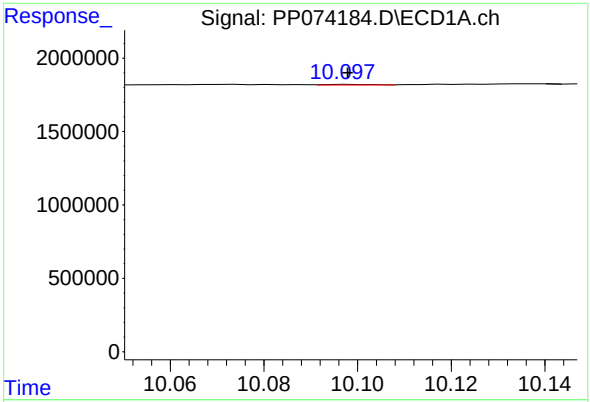
#44 AR-1268-4

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 74050
Conc: 50.00 ng/ml



#44 AR-1268-4

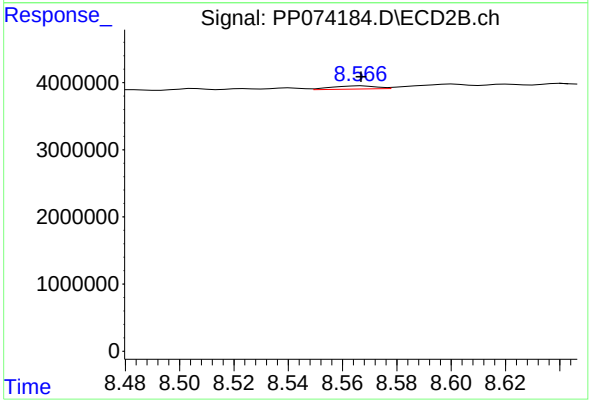
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 248450
Conc: 50.00 ng/ml



#45 AR-1268-5

R.T.: 10.098 min
Delta R.T.: 0.000 min
Response: 28389
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#45 AR-1268-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 527976
Conc: 50.00 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 #

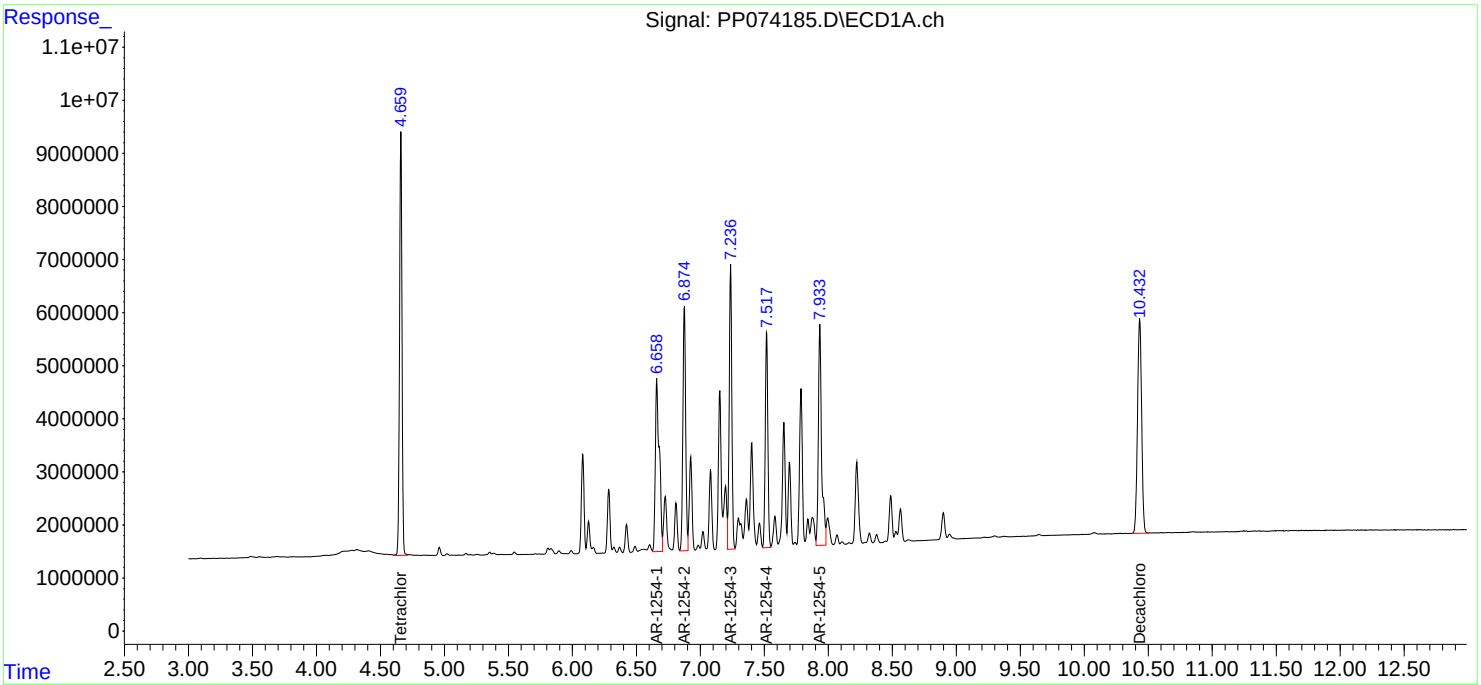
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

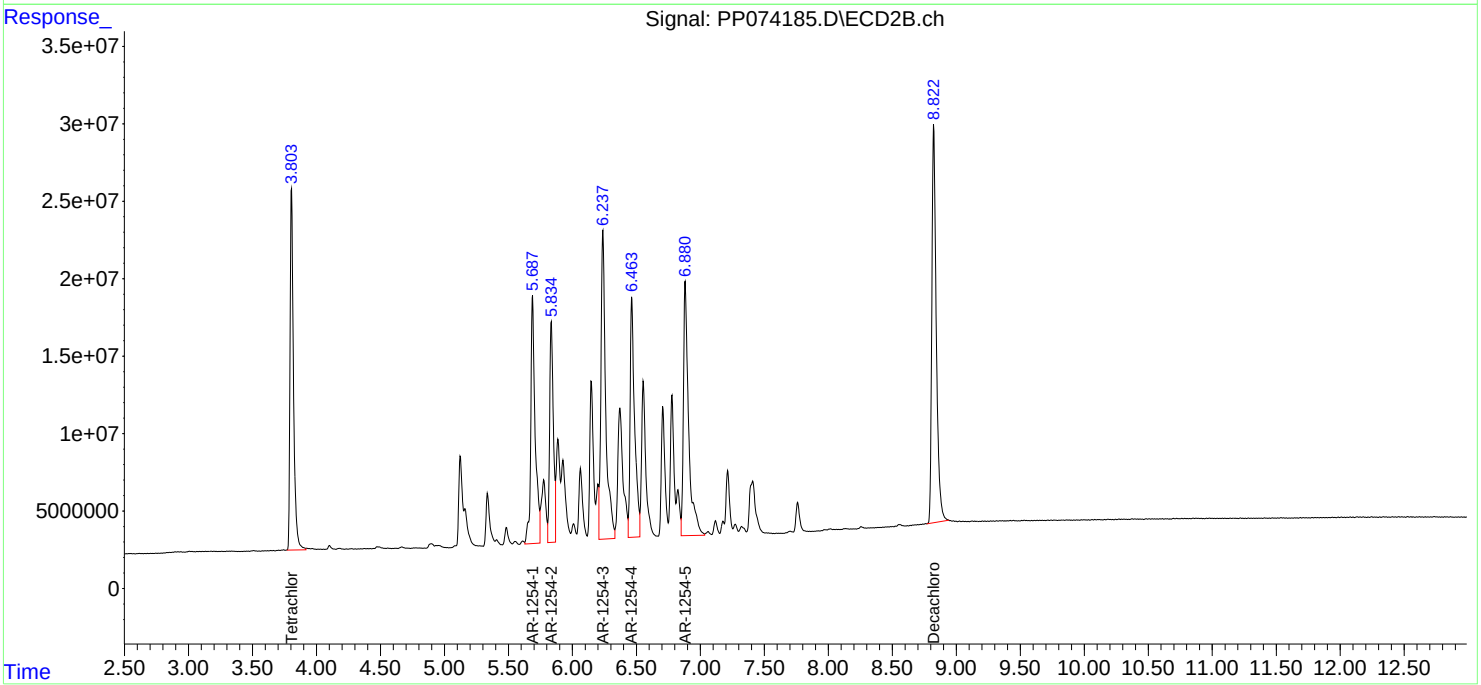
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

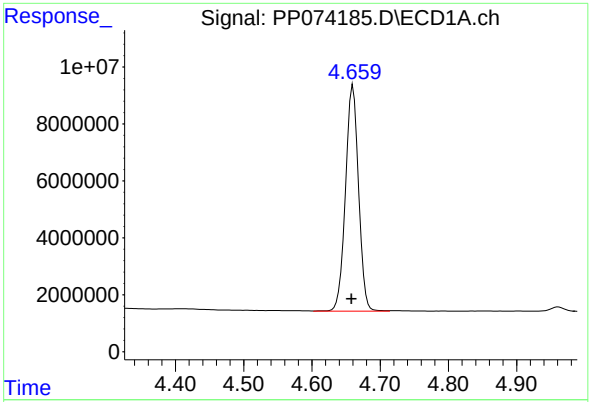
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

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



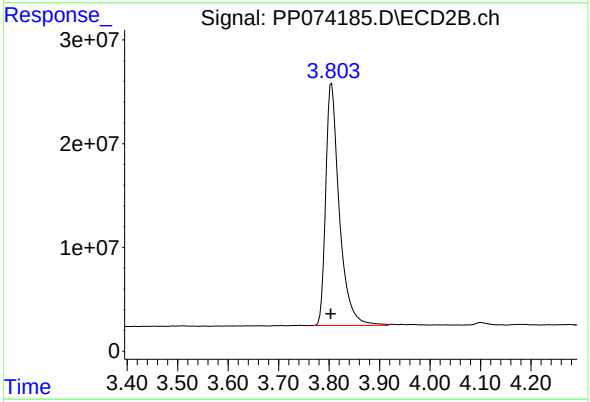




#1 Tetrachloro-m-xylene

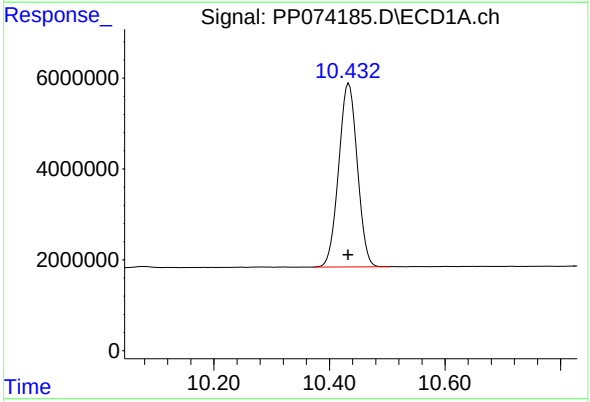
R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



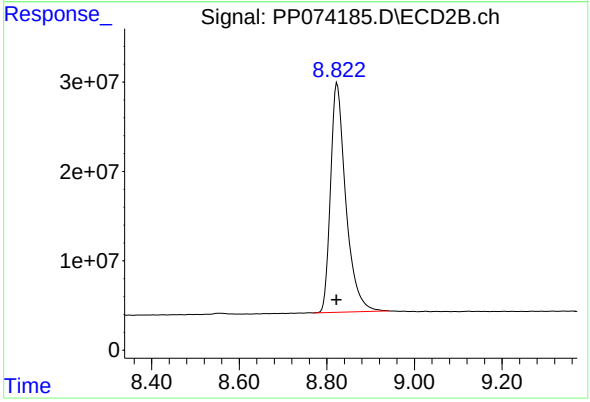
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



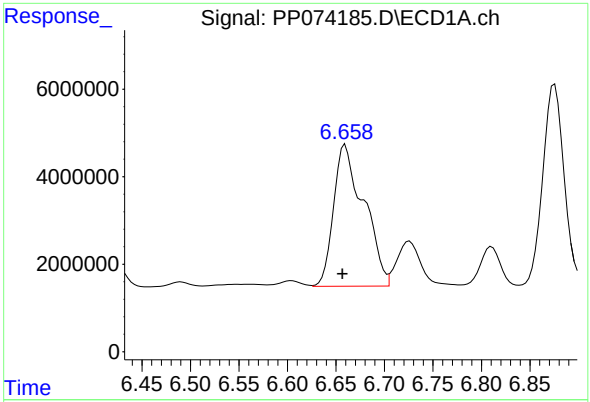
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml



#2 Decachlorobiphenyl

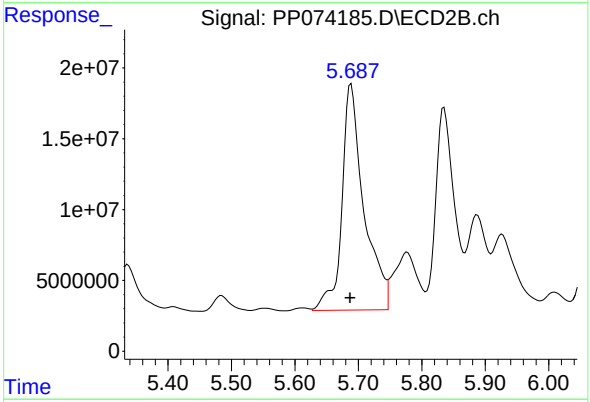
R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml



#26 AR-1254-1

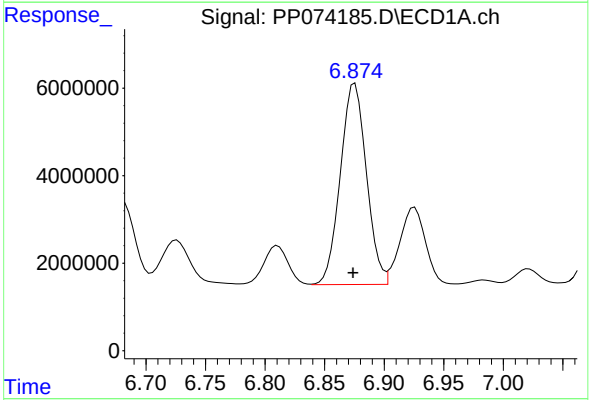
R.T.: 6.660 min
Delta R.T.: 0.003 min
Response: 70203514
Conc: 1294.71 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



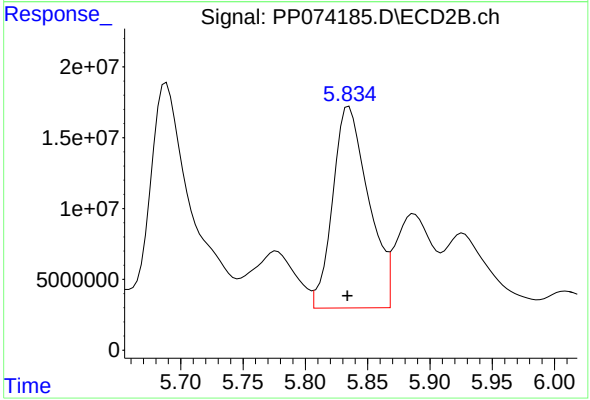
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



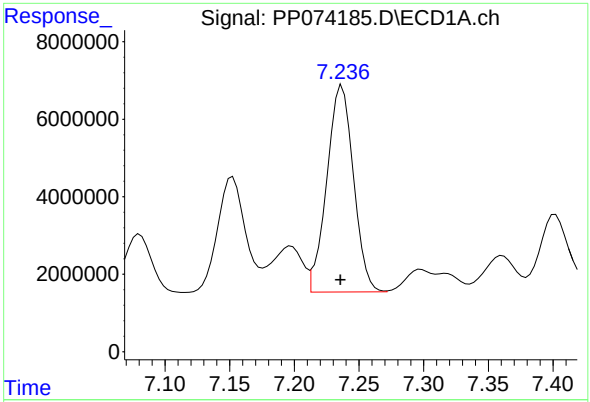
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml



#27 AR-1254-2

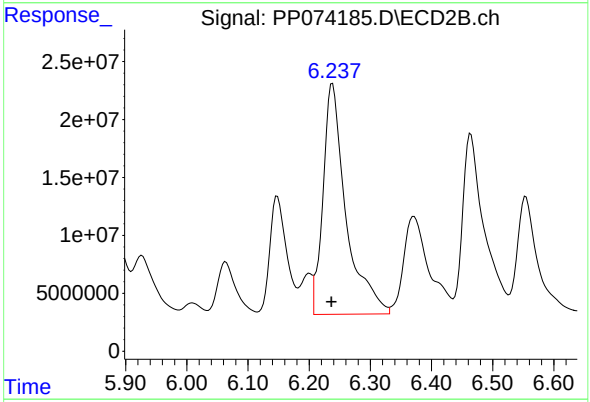
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml



#28 AR-1254-3

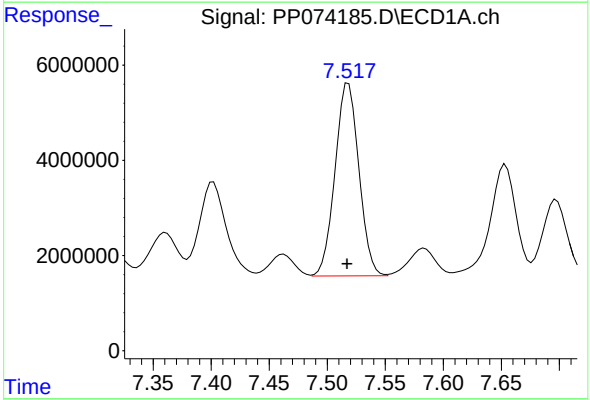
R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



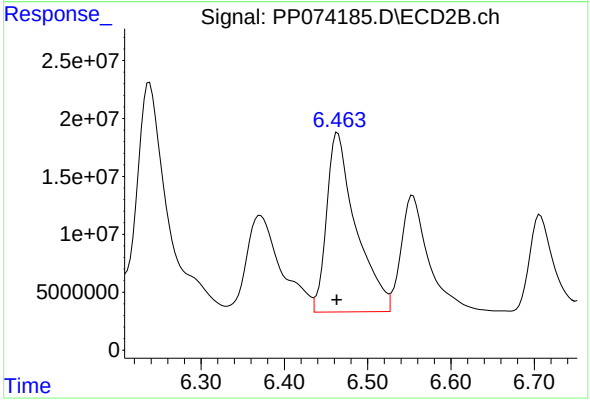
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



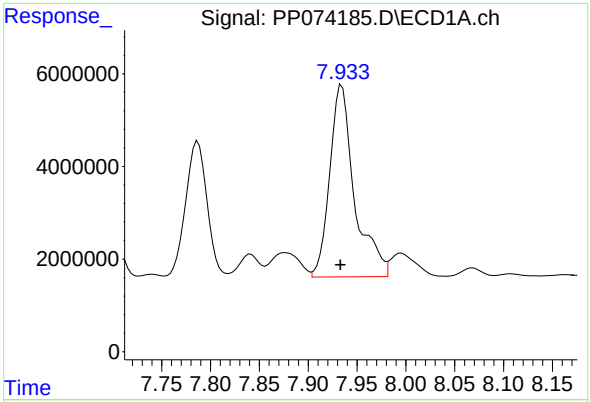
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

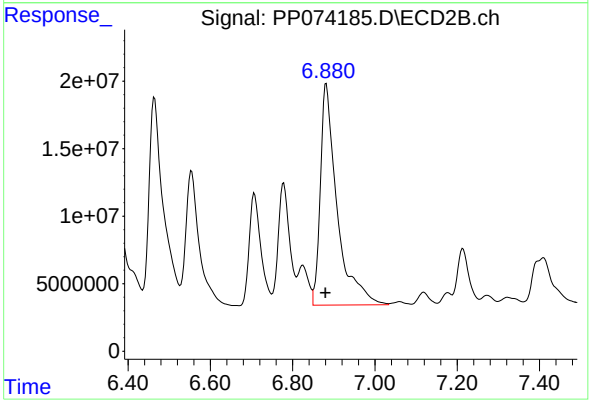
R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



#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

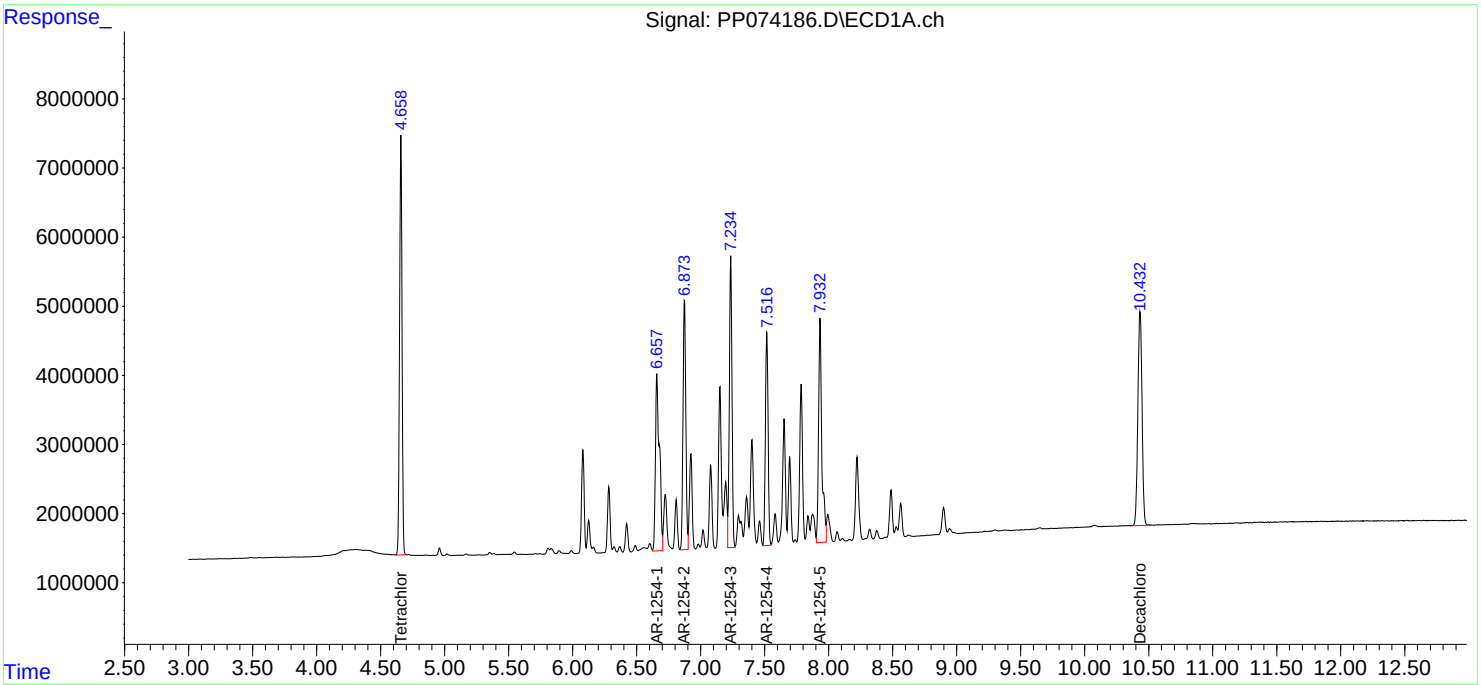
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

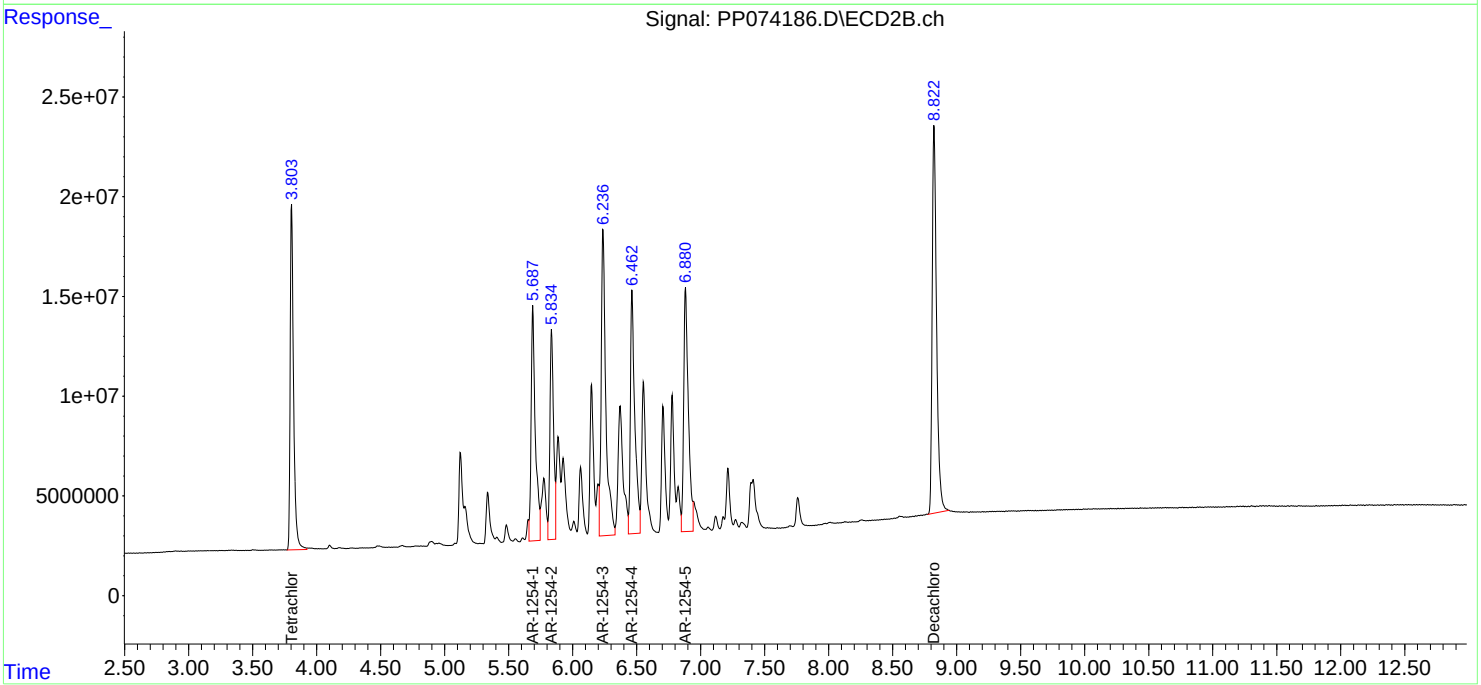
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

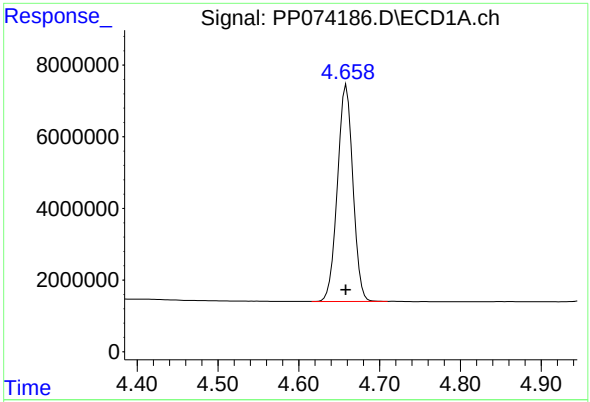
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

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



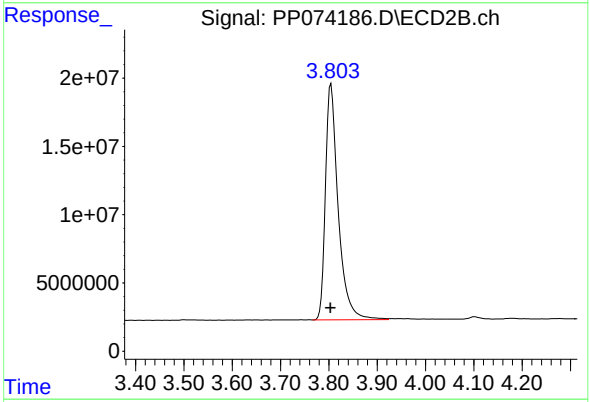




#1 Tetrachloro-m-xylene

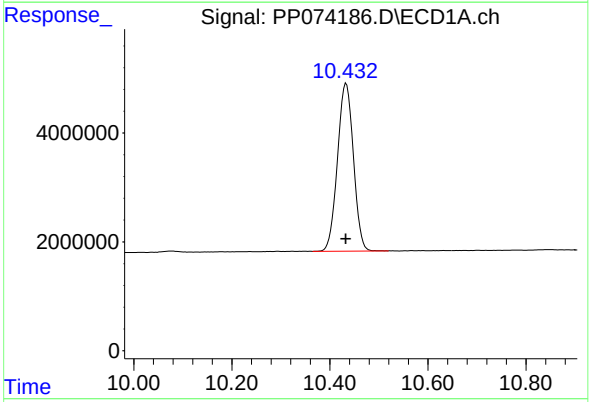
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



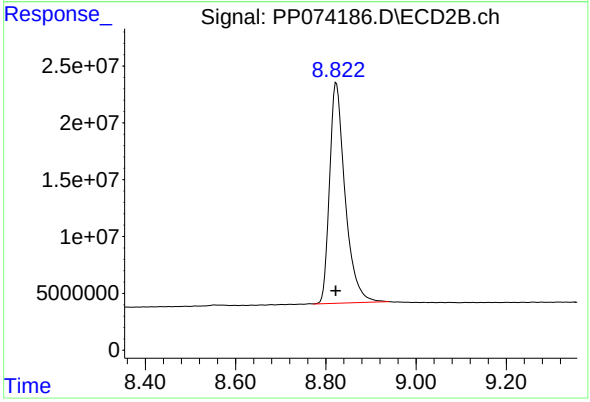
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



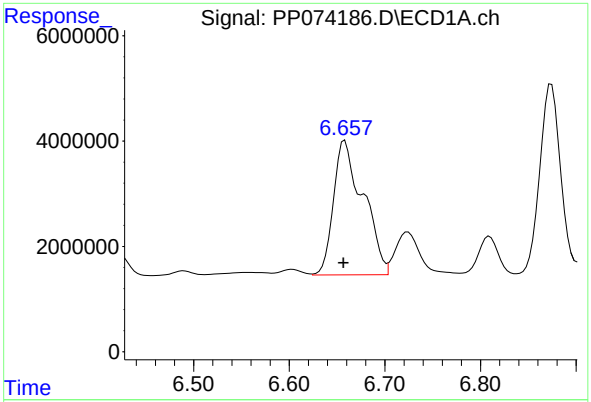
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

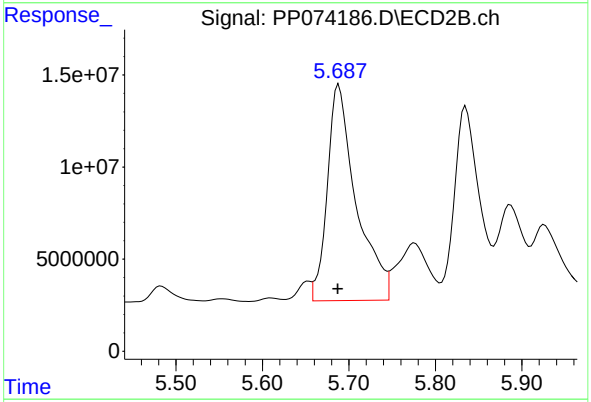
R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



#26 AR-1254-1

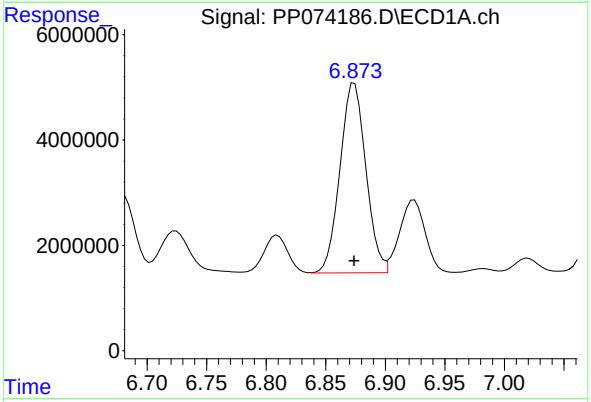
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 55036391
Conc: 1014.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



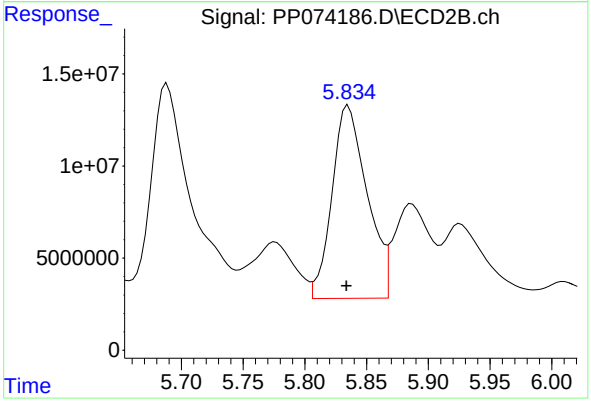
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



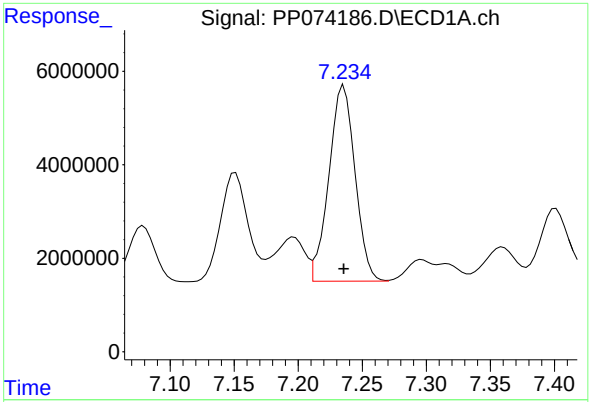
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

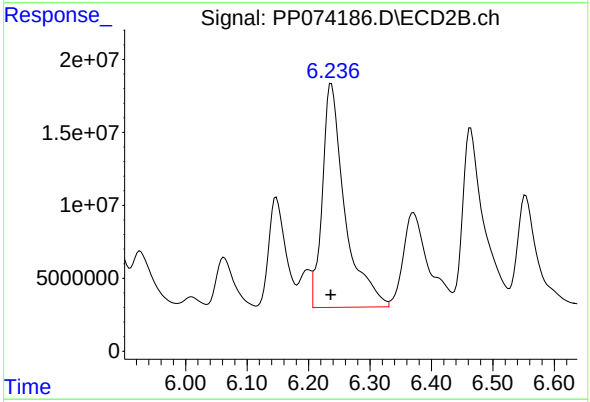
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



#28 AR-1254-3

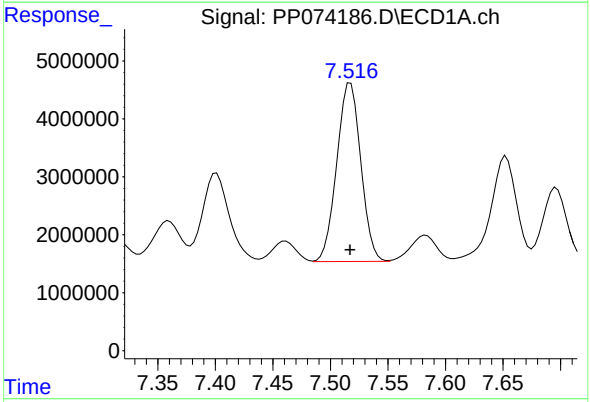
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



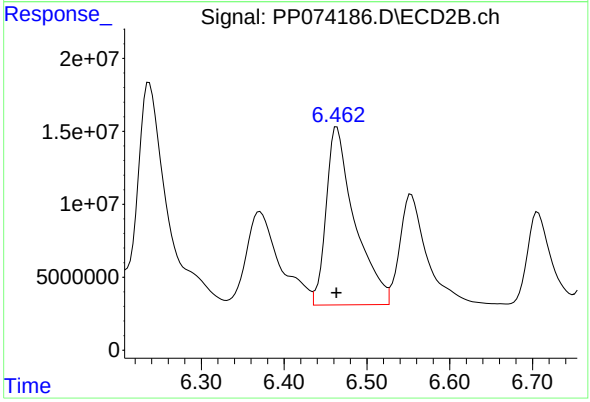
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



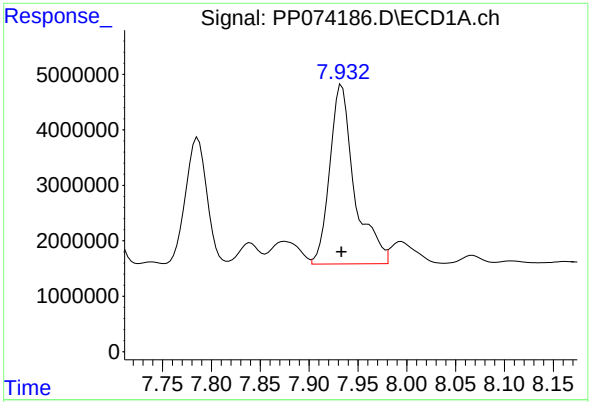
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

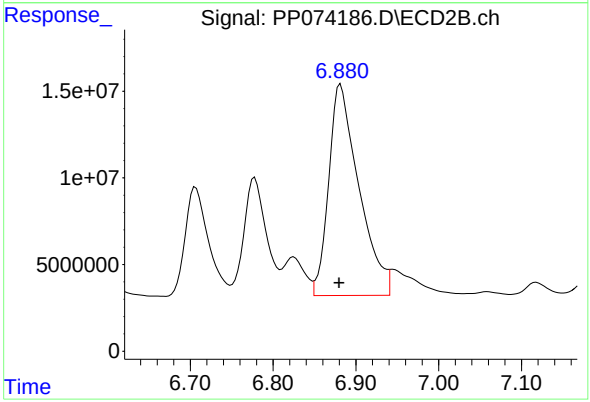
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



#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.

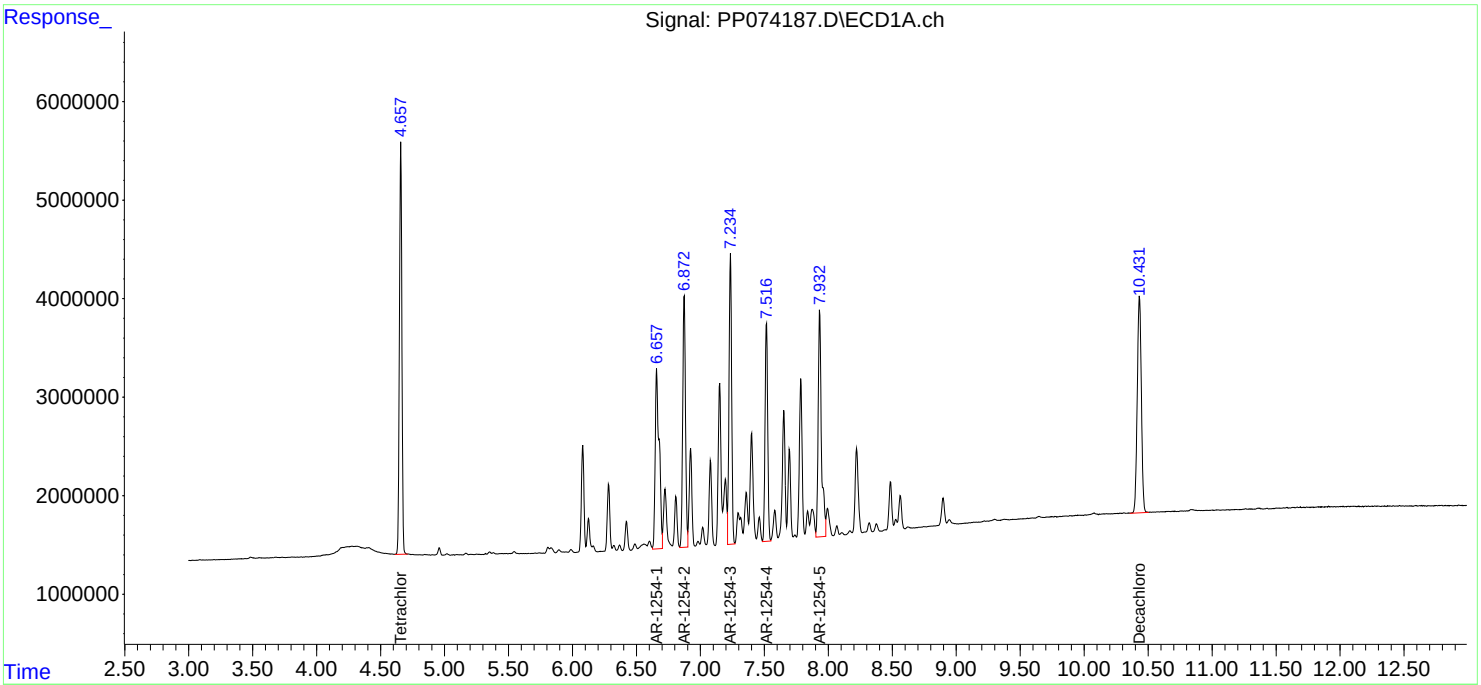
Quantitation Report (Not Reviewed)

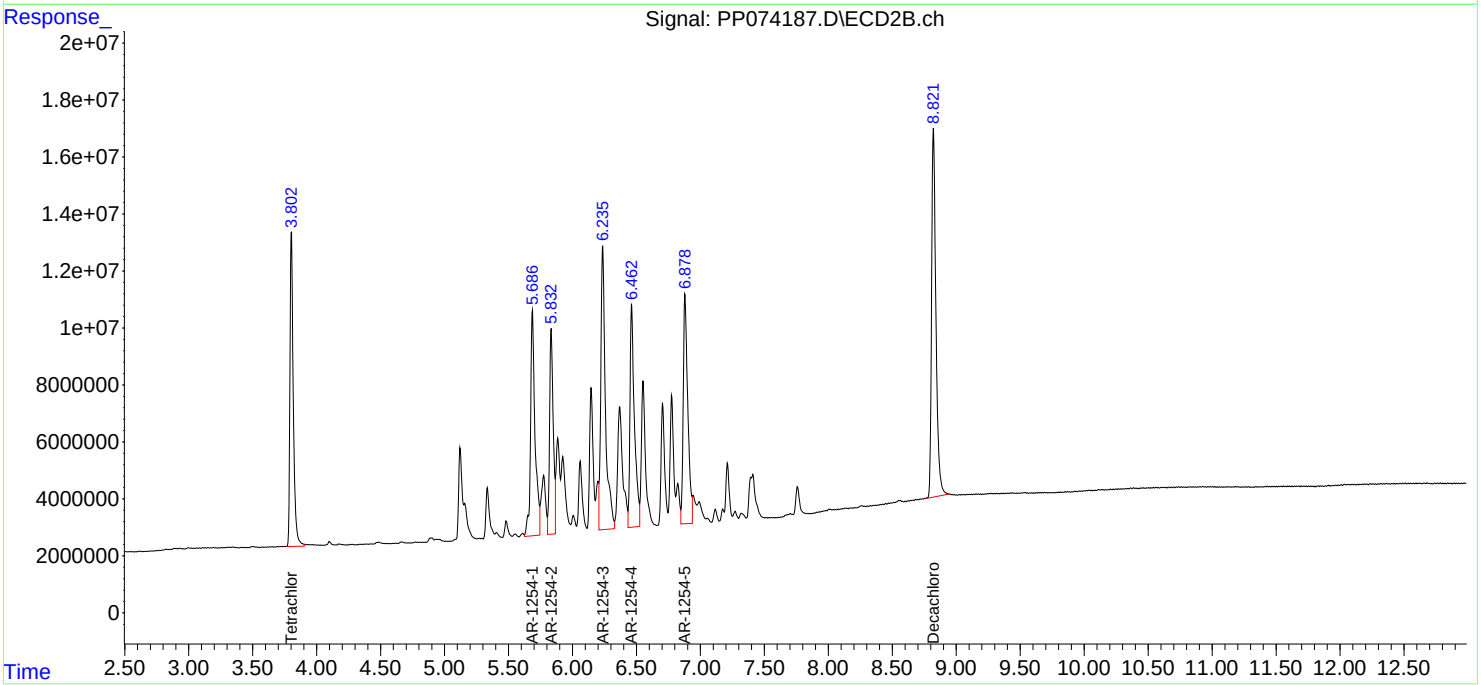
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

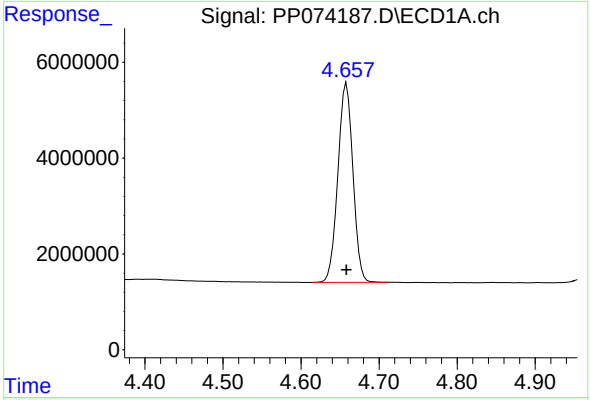
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

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



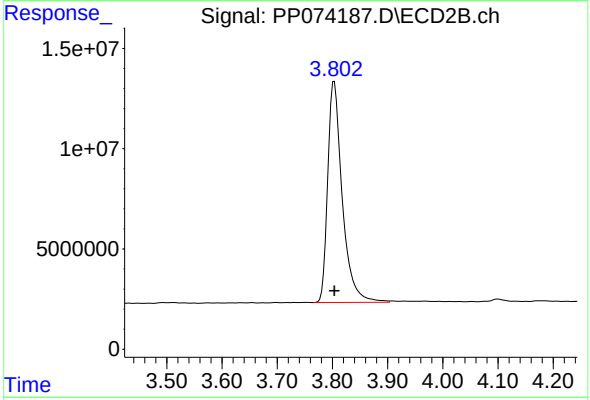




#1 Tetrachloro-m-xylene

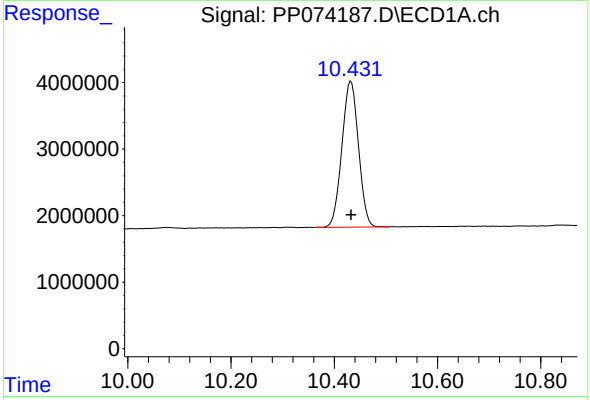
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



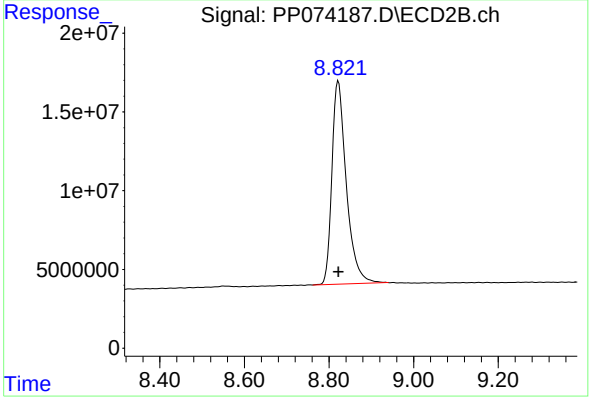
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



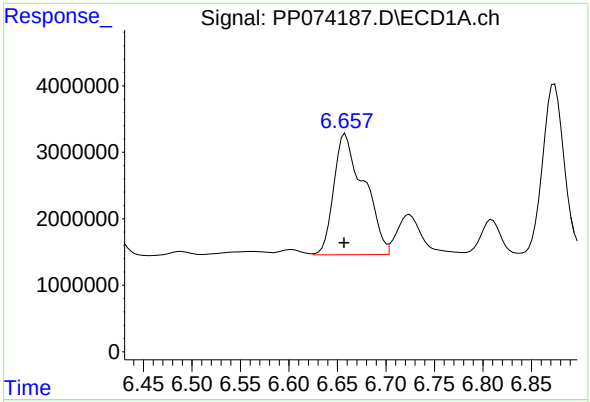
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

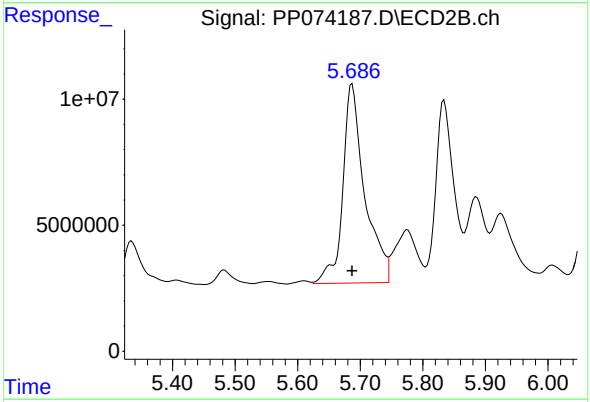
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



#26 AR-1254-1

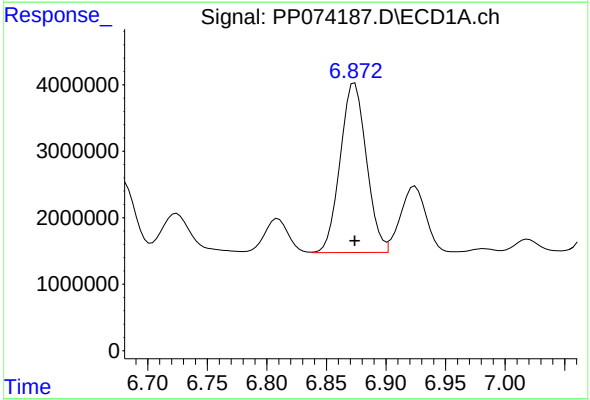
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 39387303
Conc: 726.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



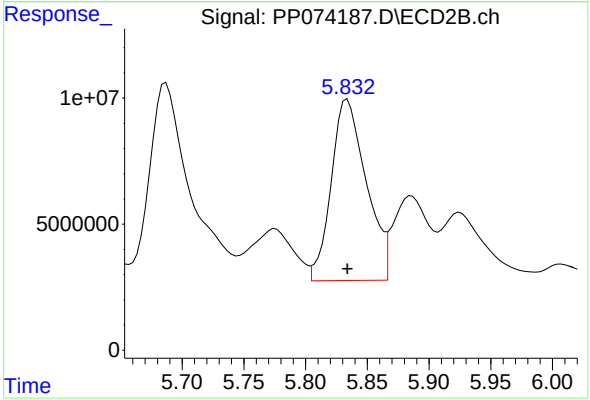
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



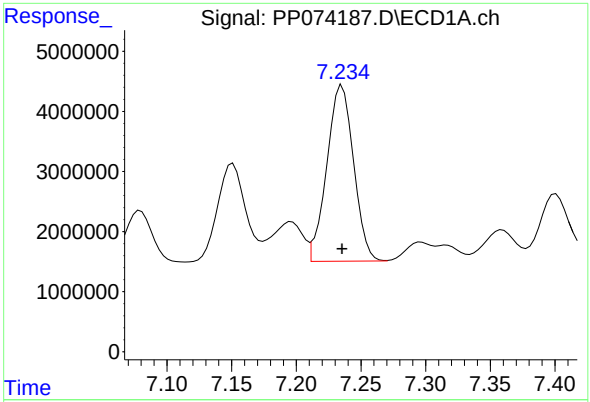
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

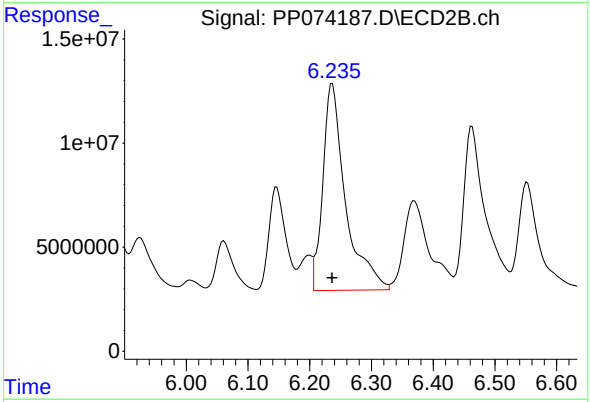
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



#28 AR-1254-3

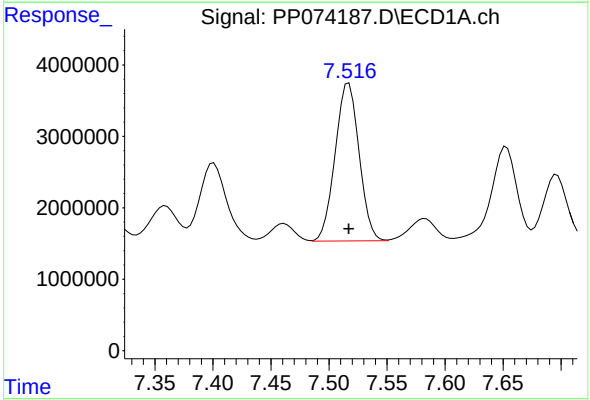
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



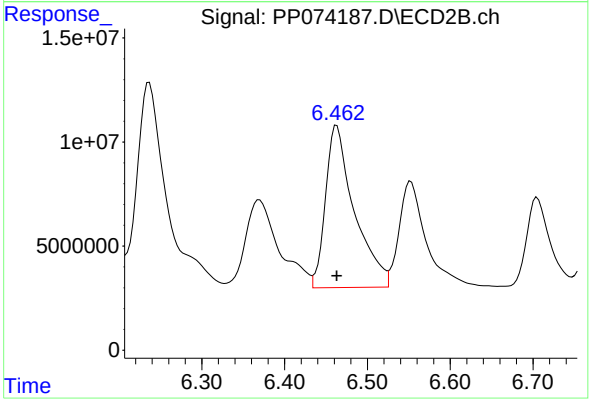
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



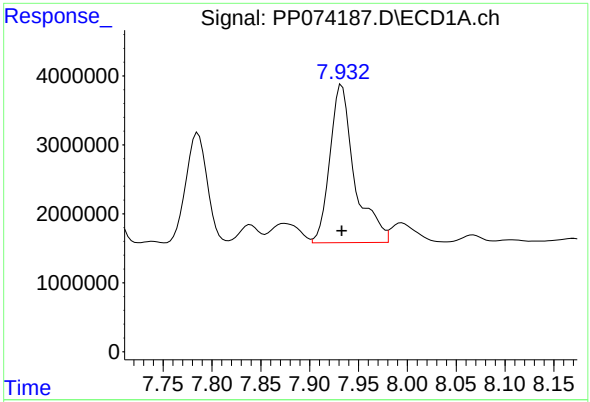
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

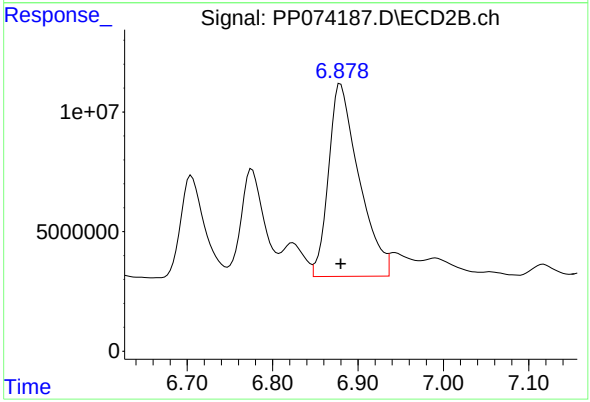
R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



#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.

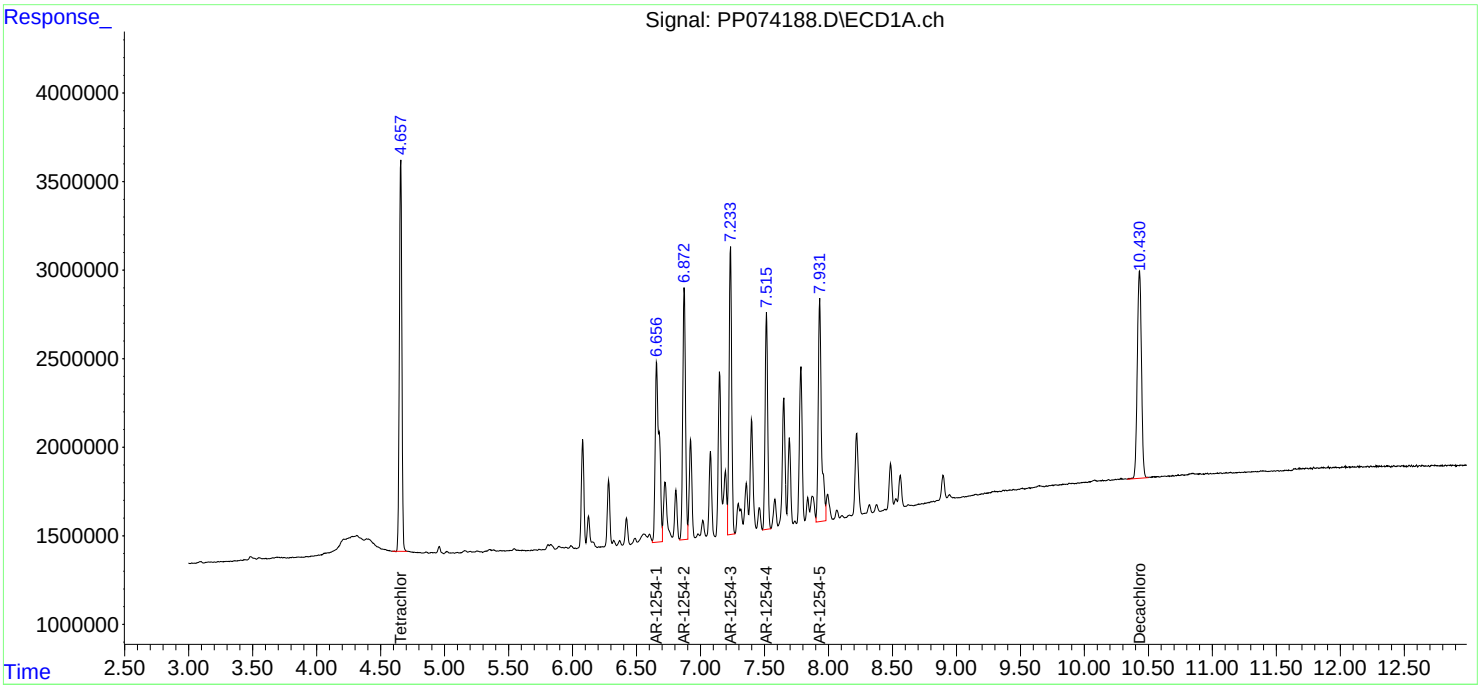
Quantitation Report (Not Reviewed)

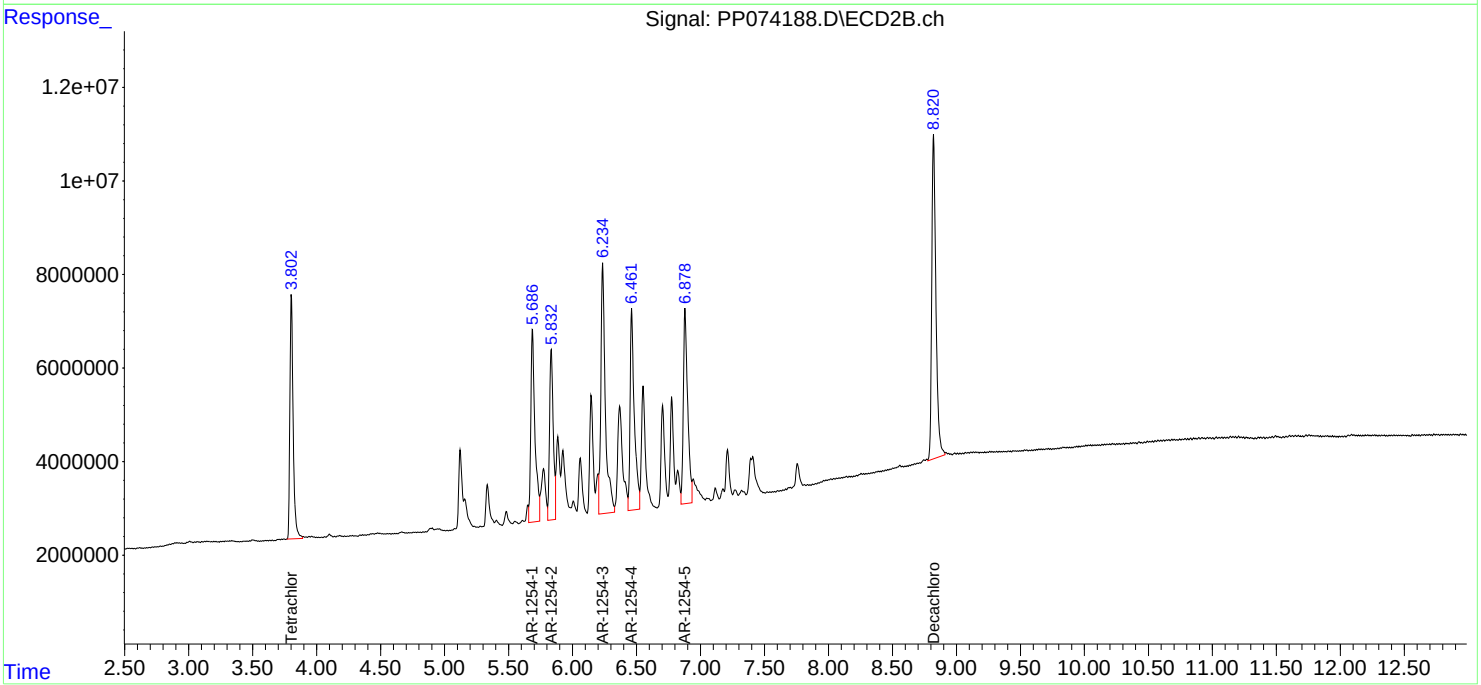
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

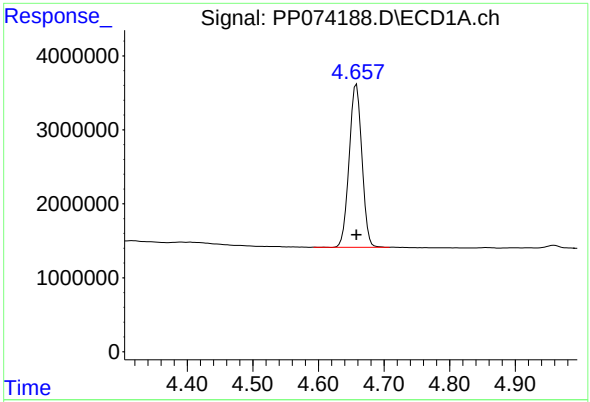
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

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



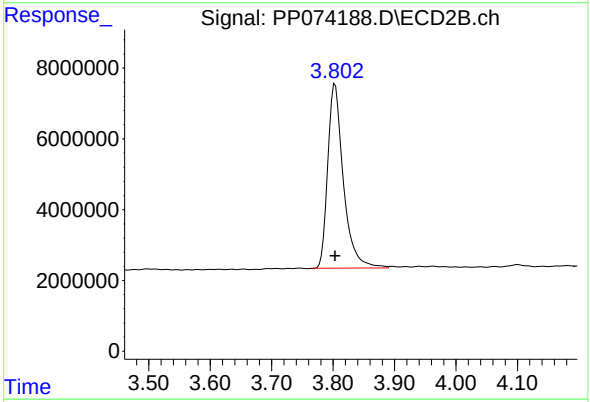




#1 Tetrachloro-m-xylene

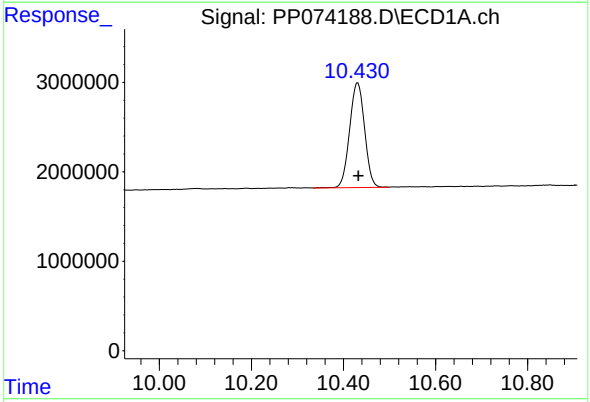
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



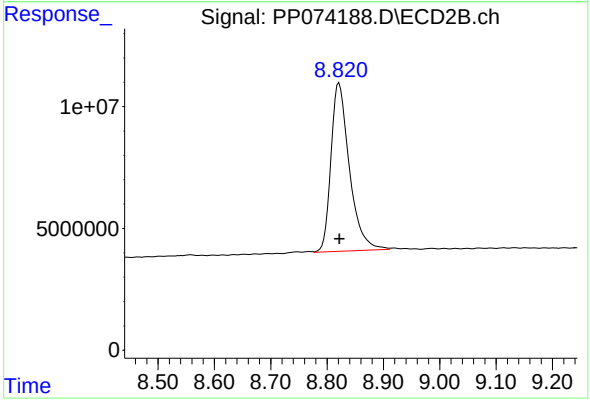
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



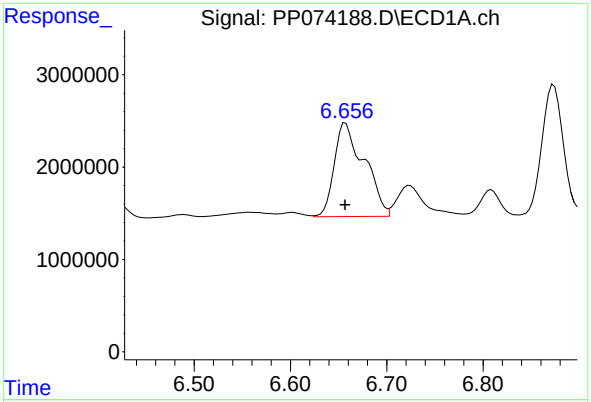
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

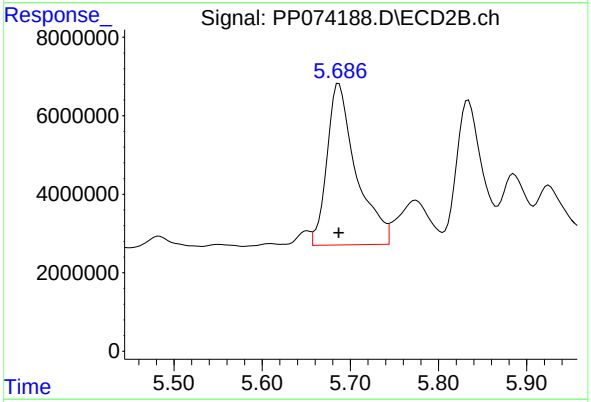
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



#26 AR-1254-1

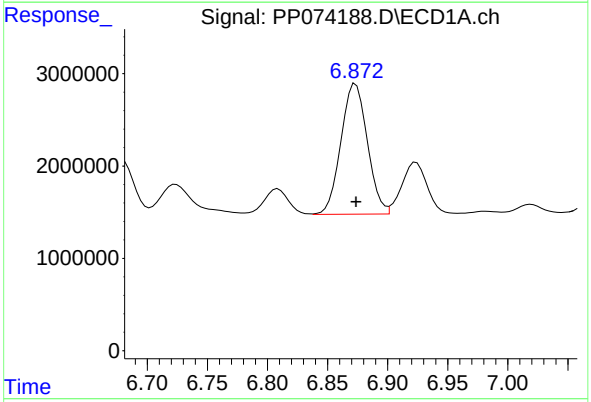
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 21966850
Conc: 405.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



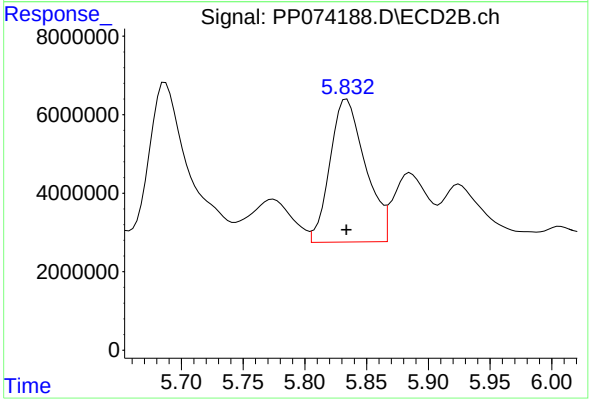
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



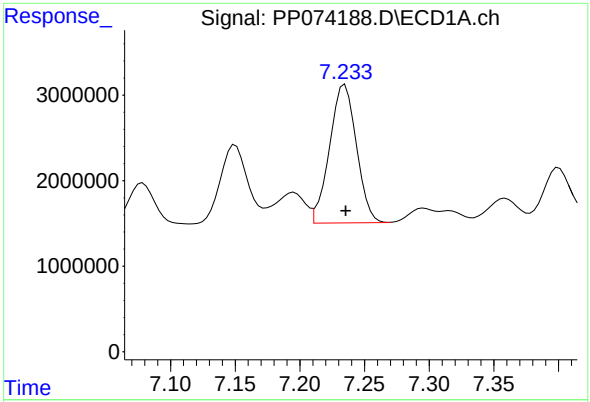
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml



#27 AR-1254-2

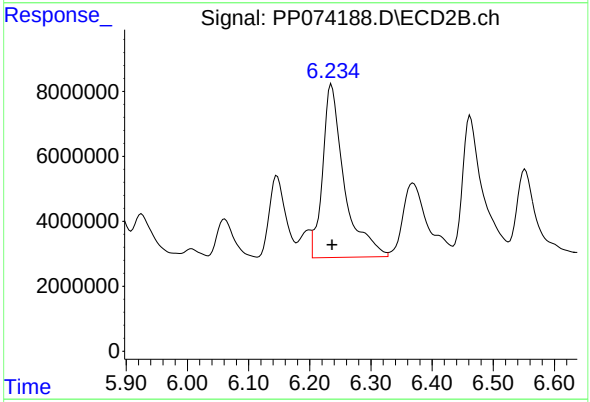
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml



#28 AR-1254-3

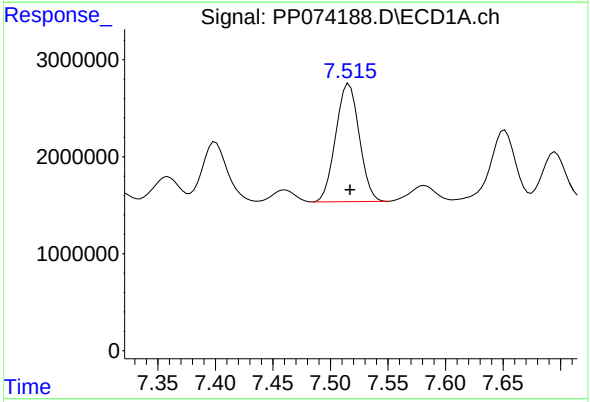
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



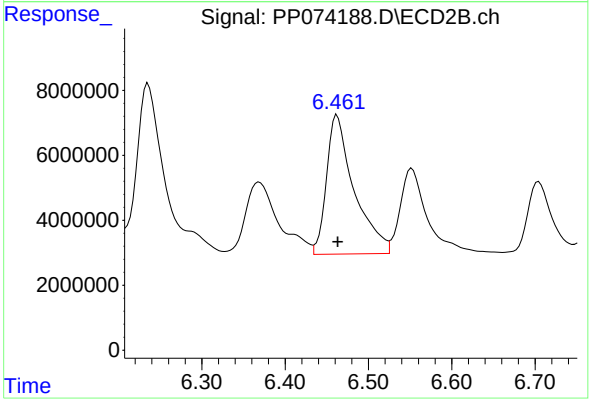
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



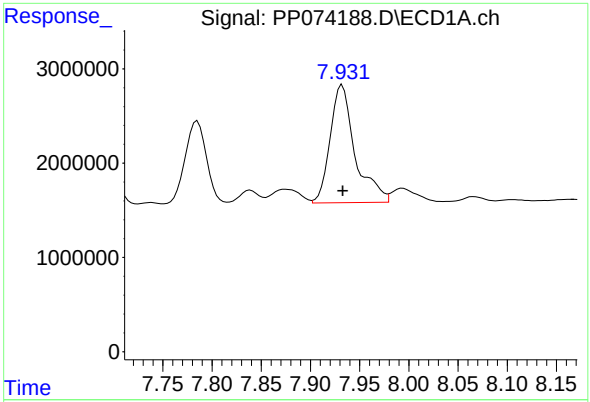
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

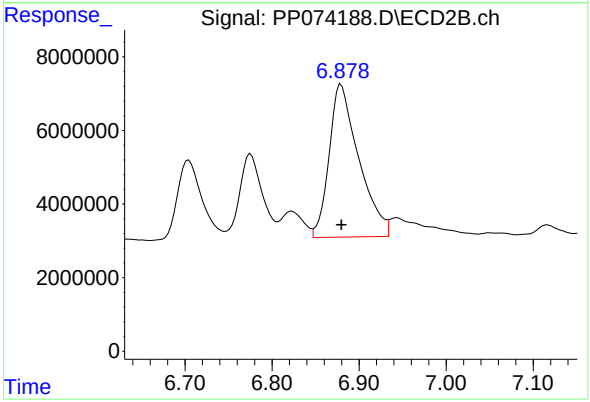
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



#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	#

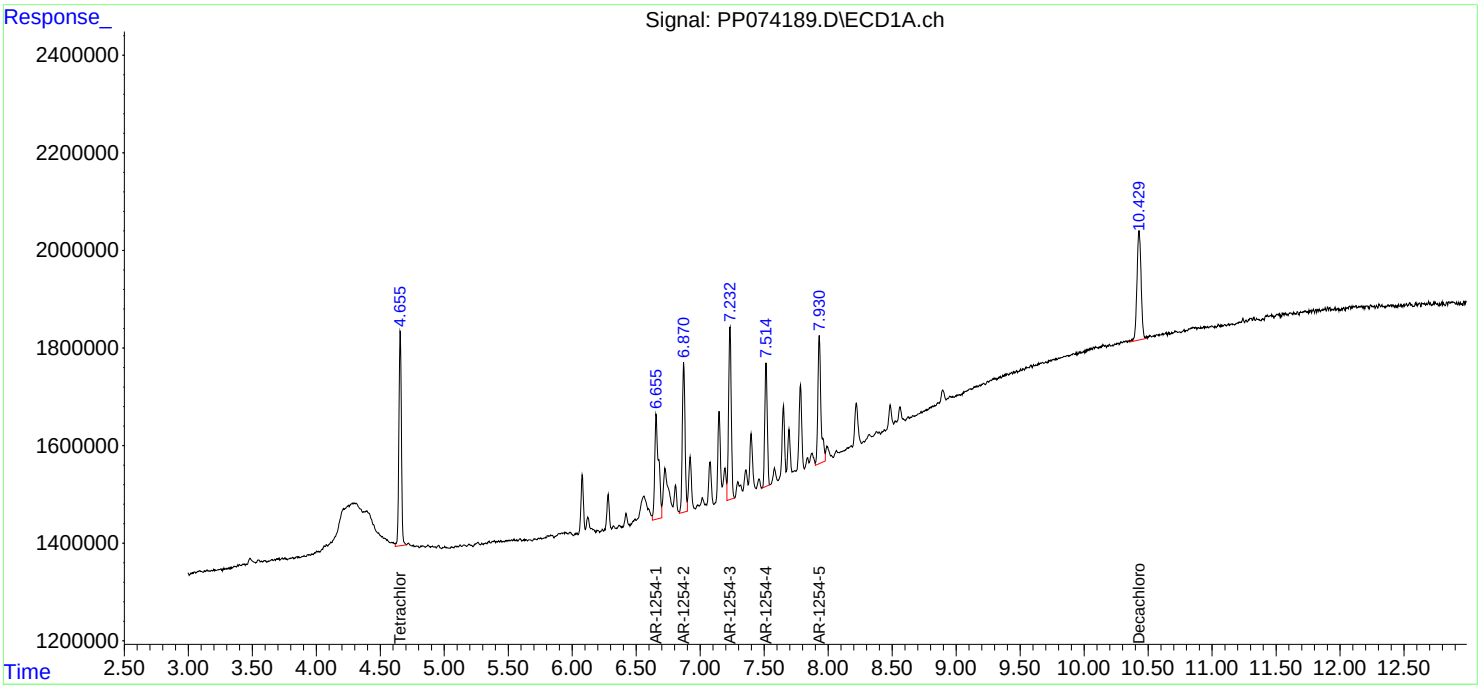
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

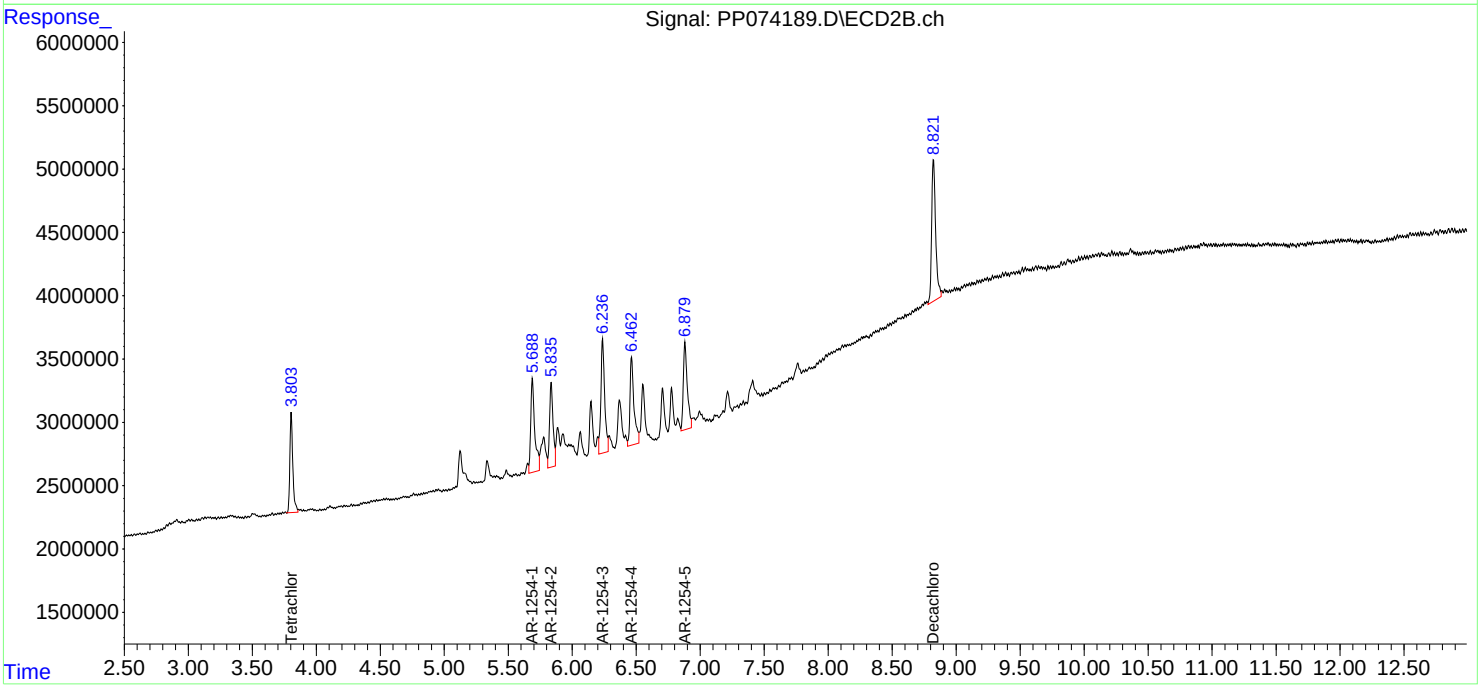
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

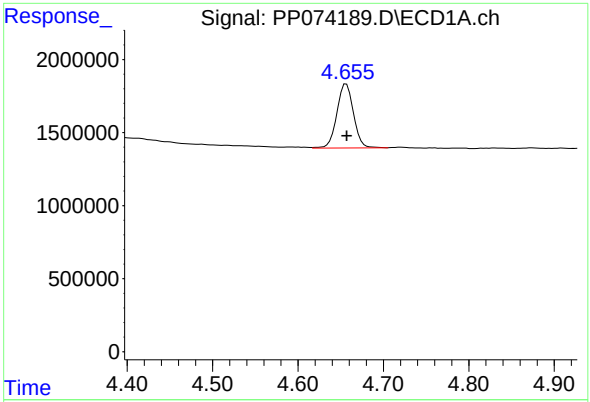
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

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



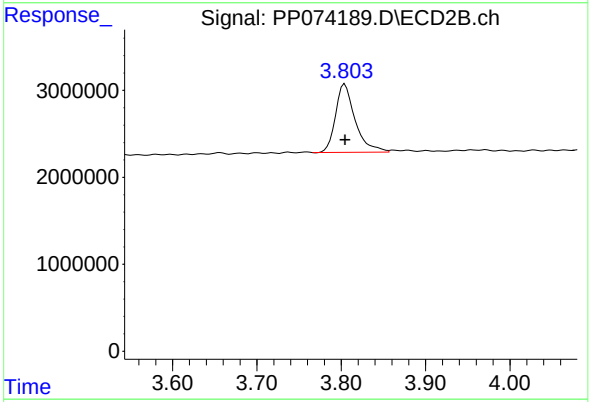




#1 Tetrachloro-m-xylene

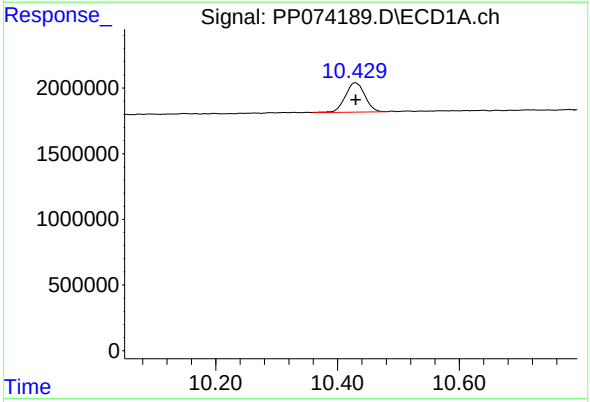
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



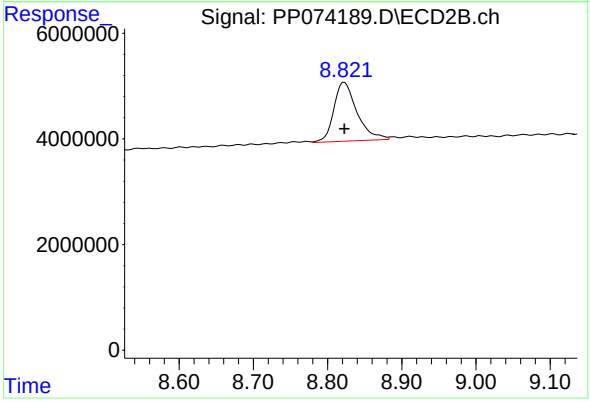
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



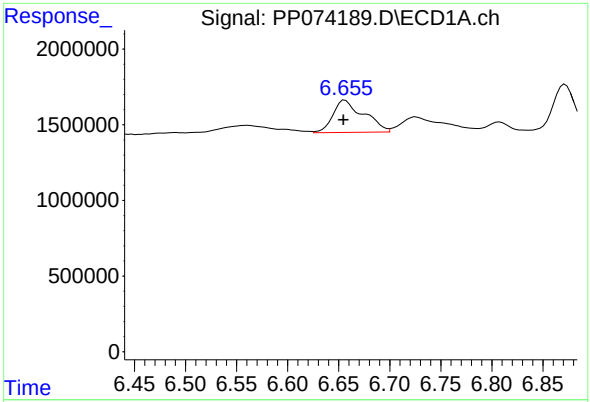
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

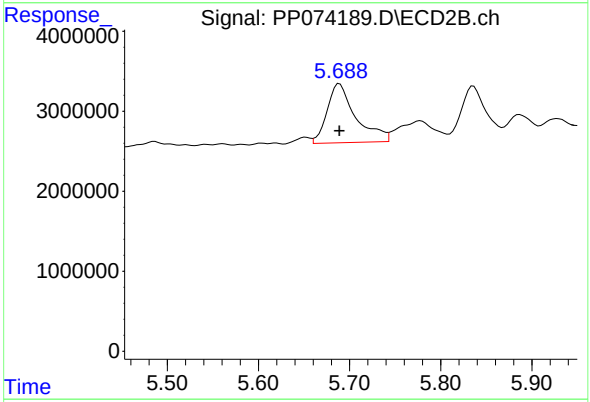
R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



#26 AR-1254-1

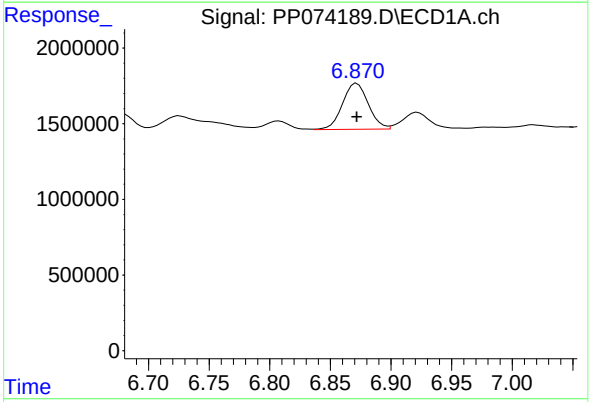
R.T.: 6.656 min
Delta R.T.: 0.001 min
Response: 4505164
Conc: 83.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



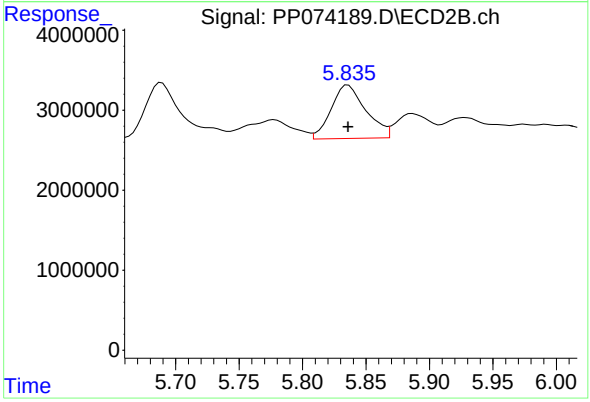
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



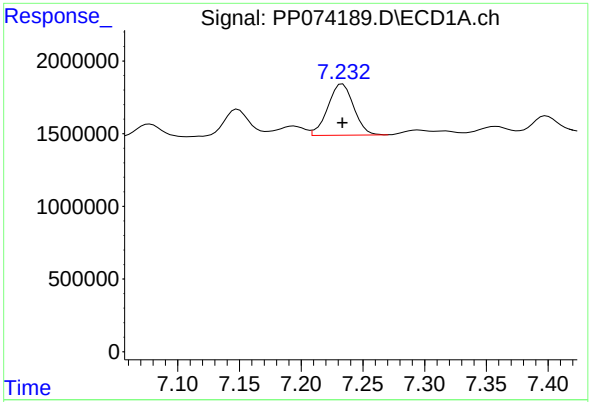
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

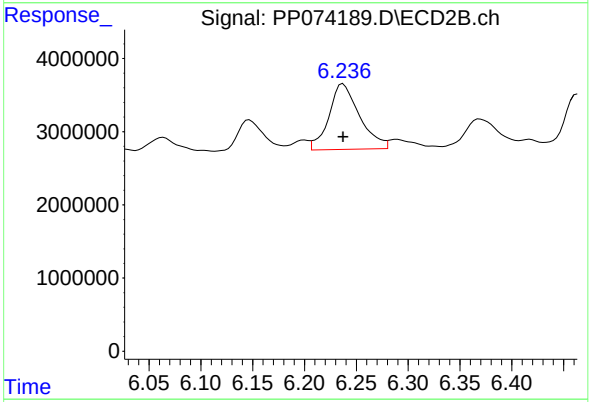
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



#28 AR-1254-3

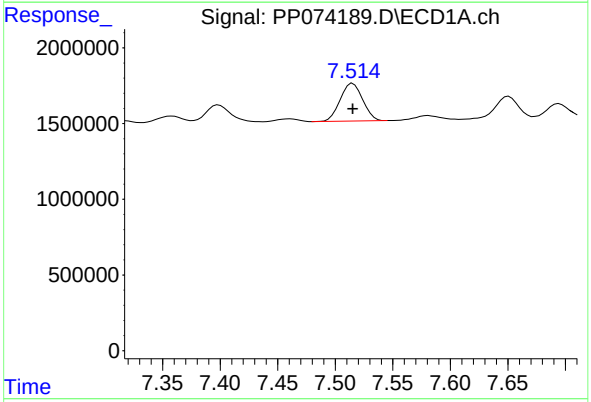
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



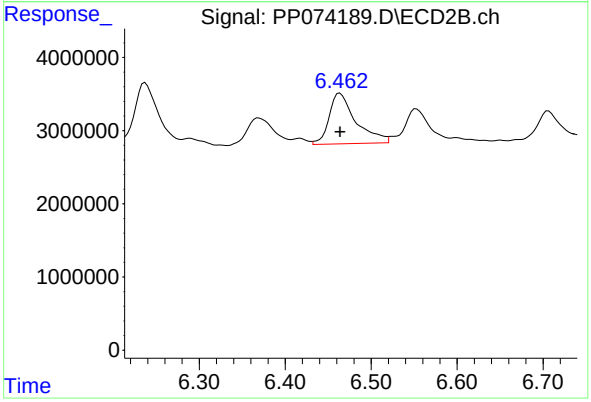
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



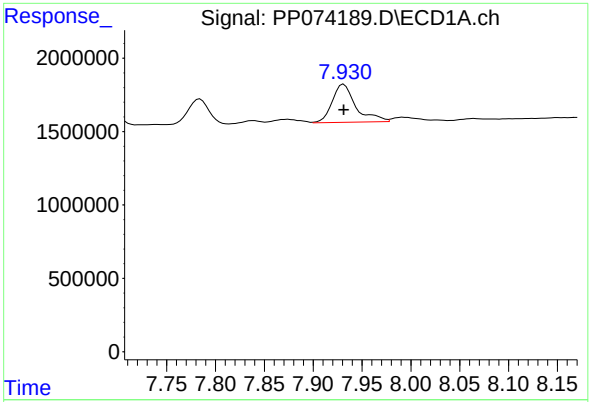
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

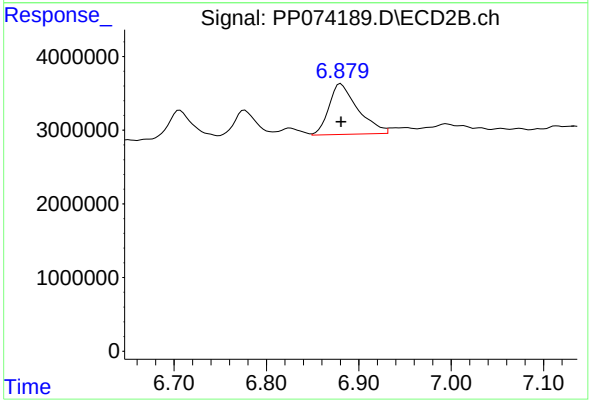
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



#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	#

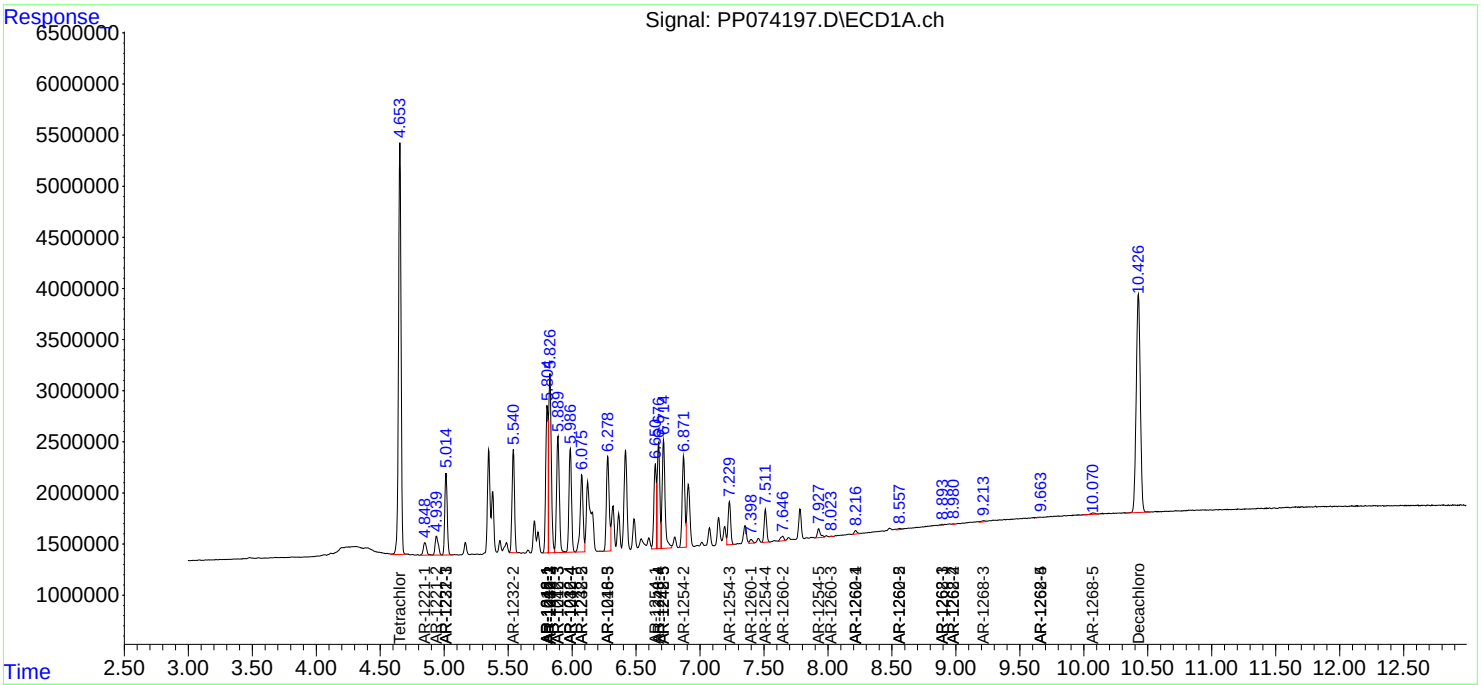
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

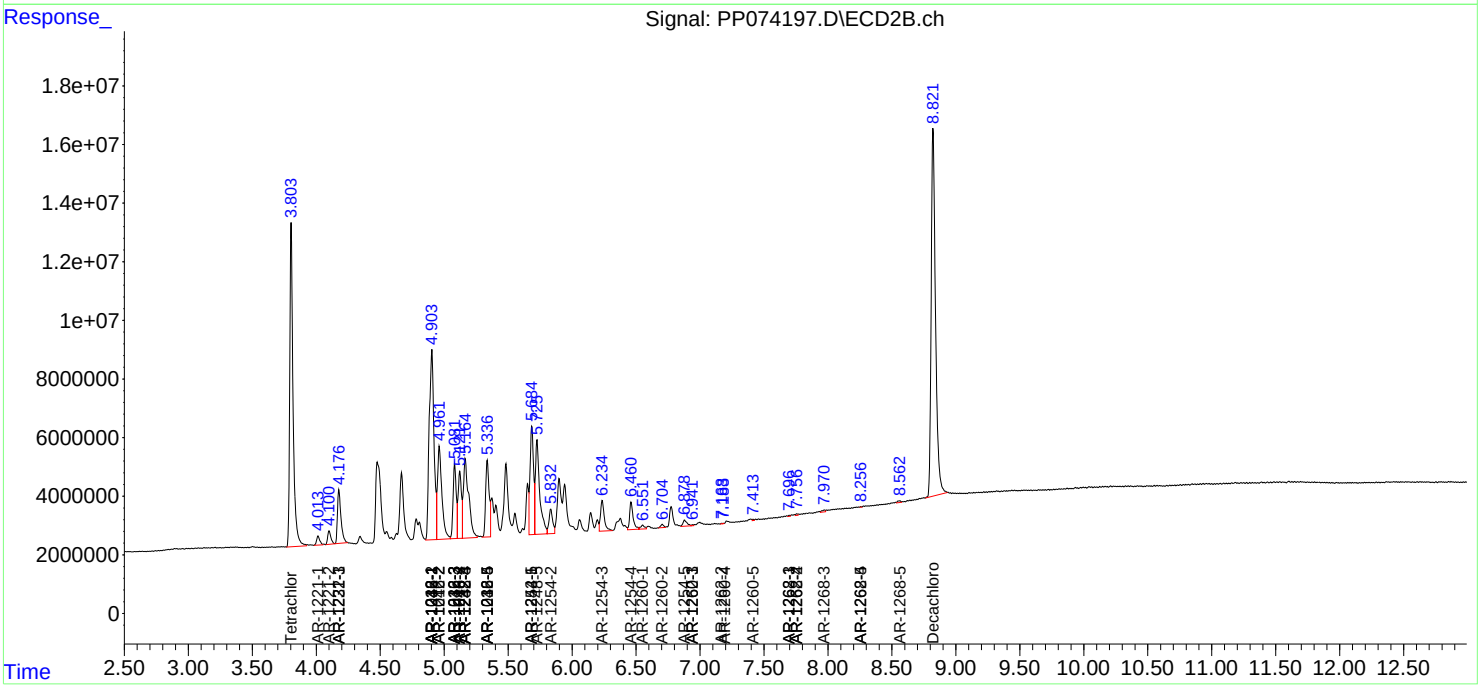
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

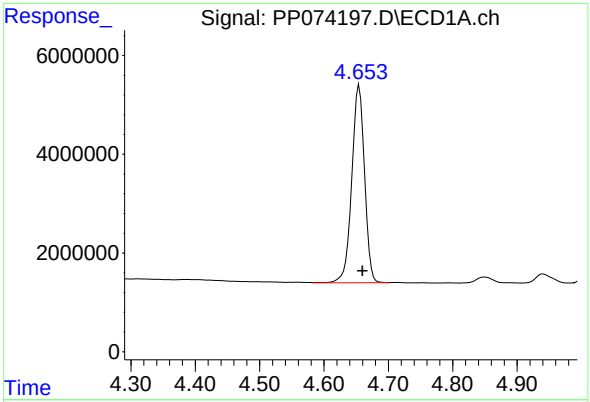
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

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



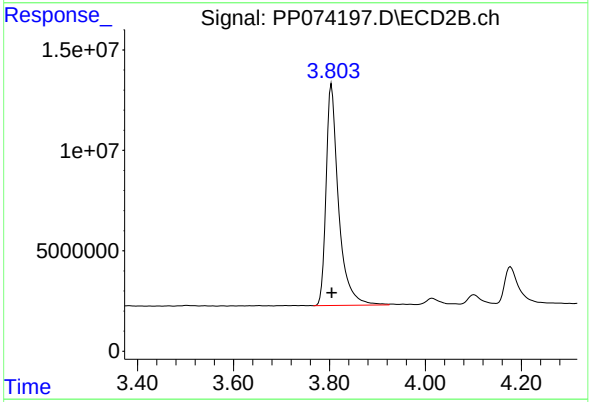




#1 Tetrachloro-m-xylene

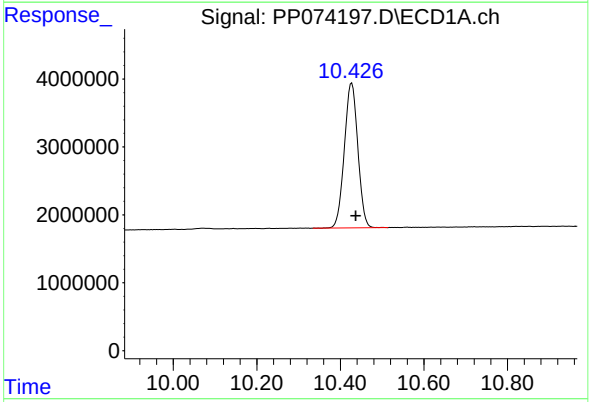
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



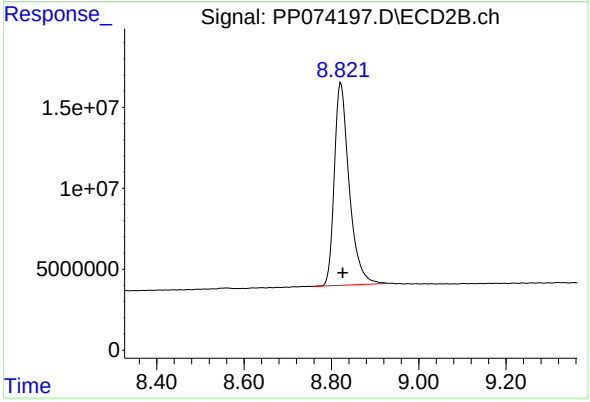
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



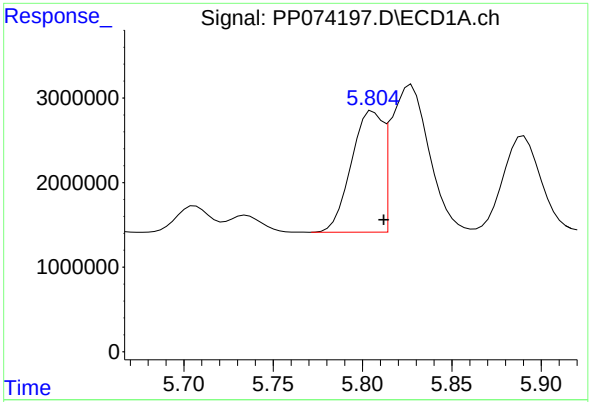
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

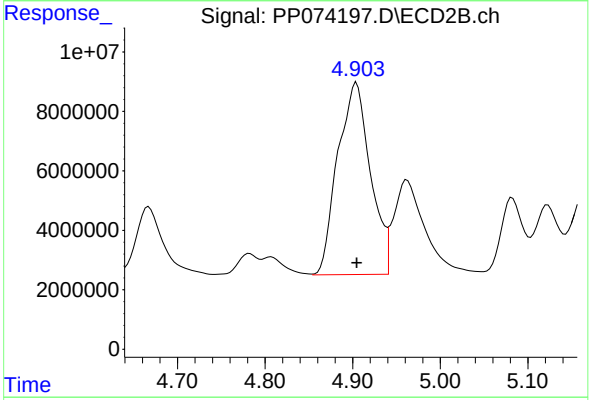
R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



#3 AR-1016-1

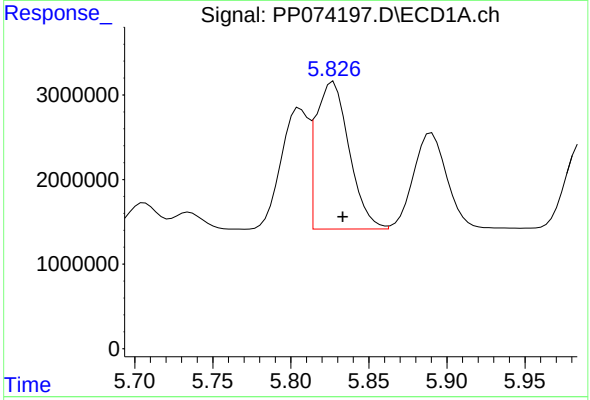
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 17499270
Conc: 424.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



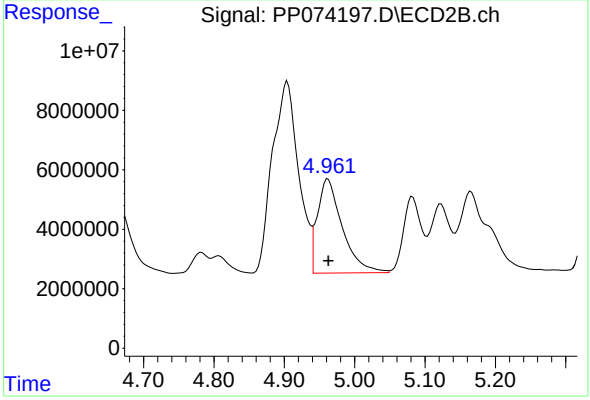
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 419.61 ng/ml



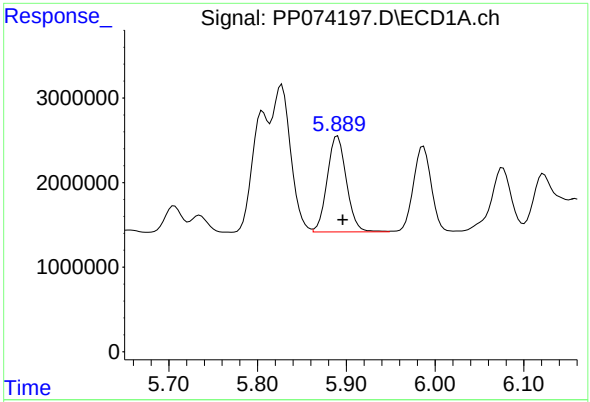
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 25894594
Conc: 426.31 ng/ml



#4 AR-1016-2

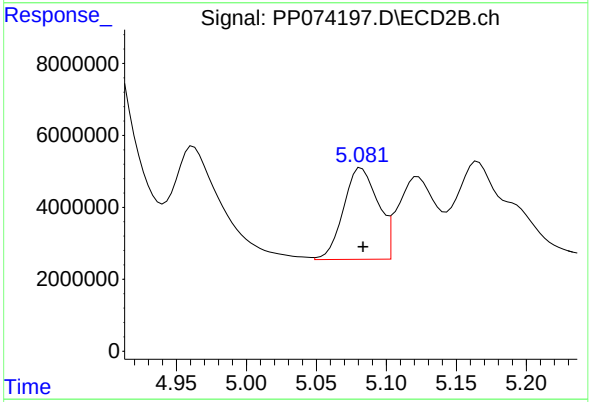
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 414.58 ng/ml



#5 AR-1016-3

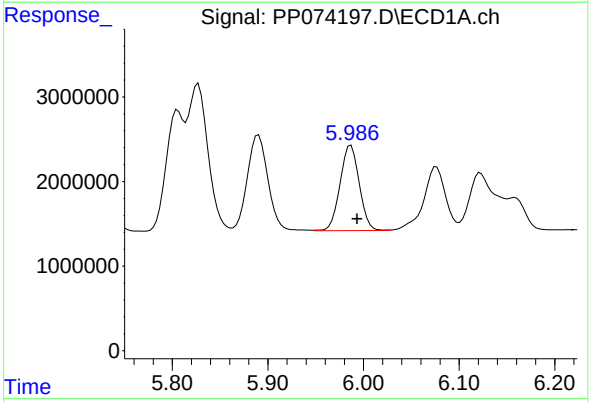
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 17050061
Conc: 429.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



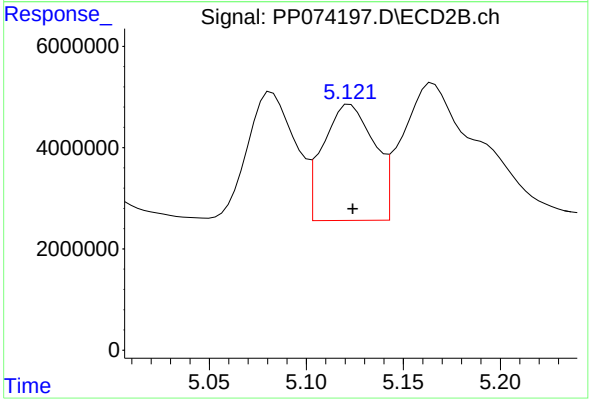
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 43676713
Conc: 411.77 ng/ml



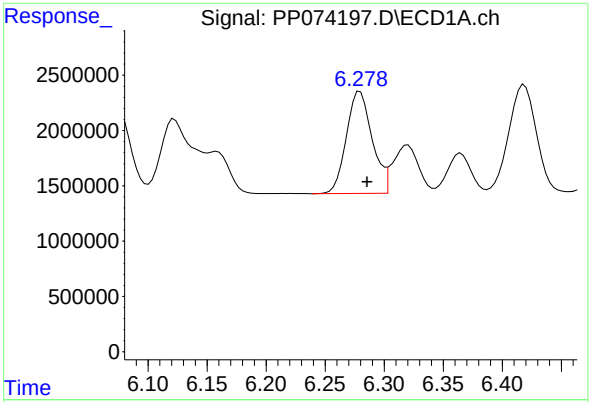
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 433.99 ng/ml



#6 AR-1016-4

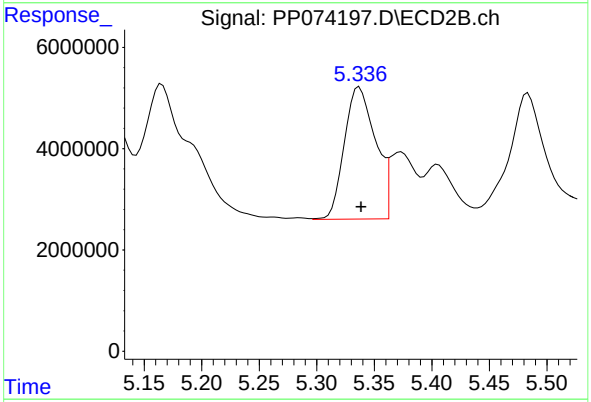
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 42005219
Conc: 384.59 ng/ml



#7 AR-1016-5

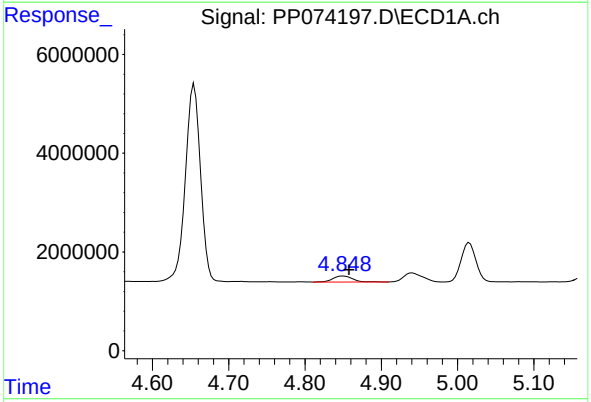
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 432.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



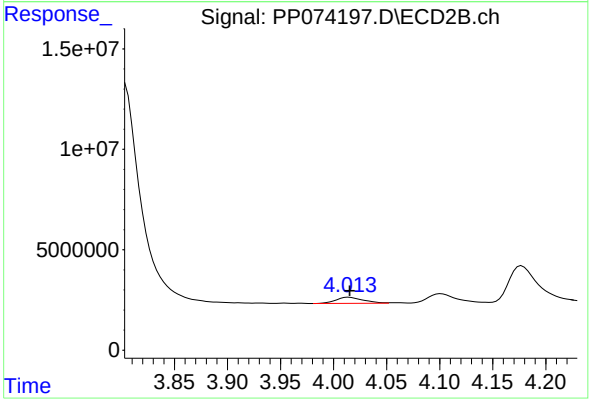
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 49362976
Conc: 422.04 ng/ml



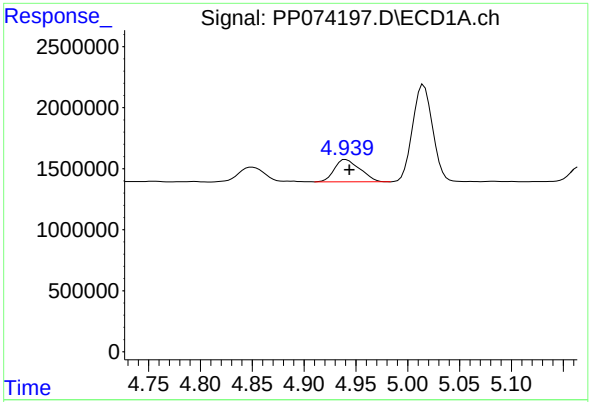
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.008 min
Response: 2188169
Conc: 130.53 ng/ml



#8 AR-1221-1

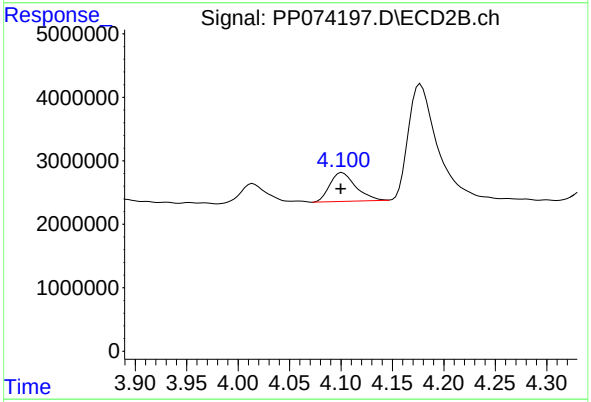
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 5427967
Conc: 110.58 ng/ml



#9 AR-1221-2

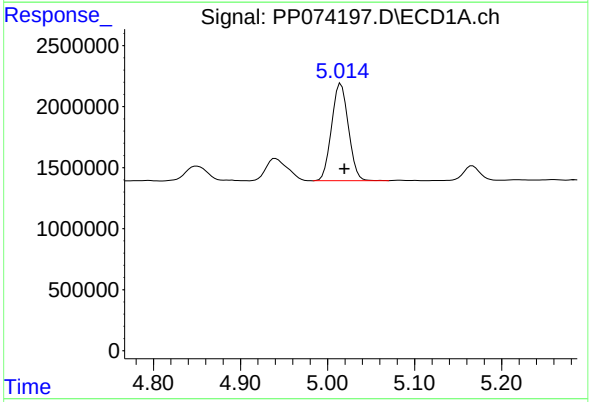
R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 3152368
Conc: 250.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



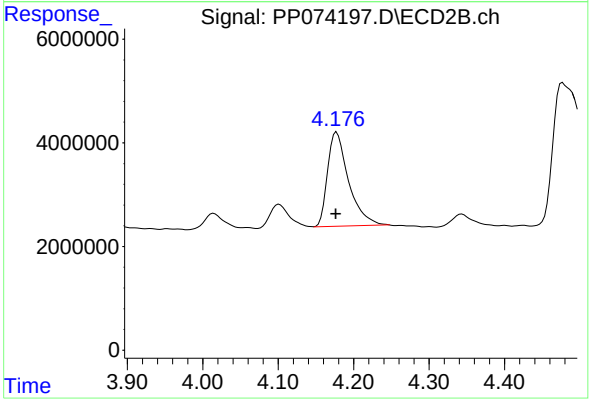
#9 AR-1221-2

R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 7977800
Conc: 222.29 ng/ml



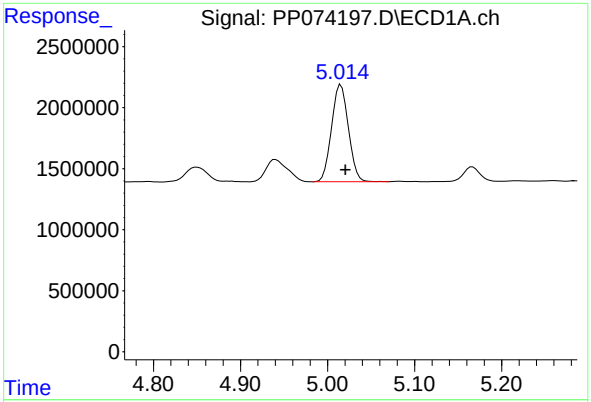
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 10712240
Conc: 292.40 ng/ml



#10 AR-1221-3

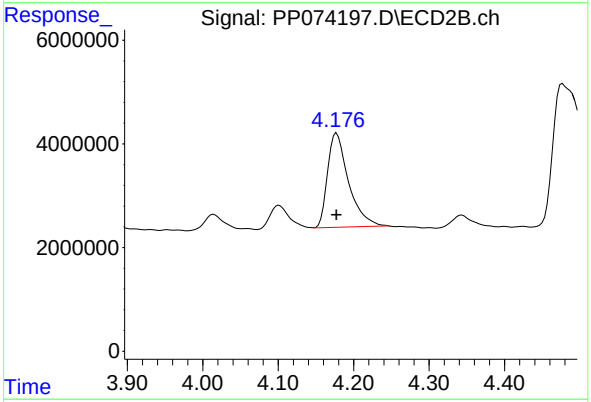
R.T.: 4.177 min
Delta R.T.: 0.001 min
Response: 35262086
Conc: 260.77 ng/ml



#11 AR-1232-1

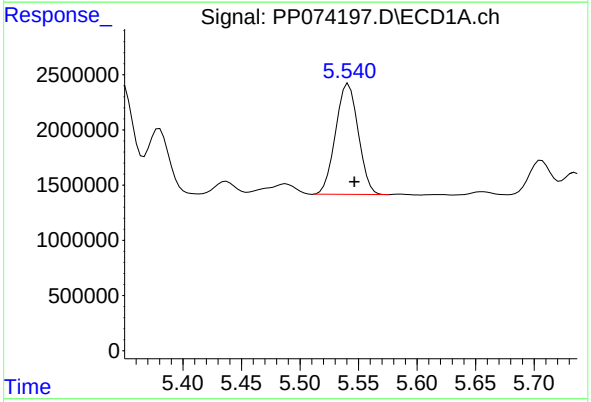
R.T.: 5.015 min
Delta R.T.: -0.005 min
Response: 10712240
Conc: 368.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



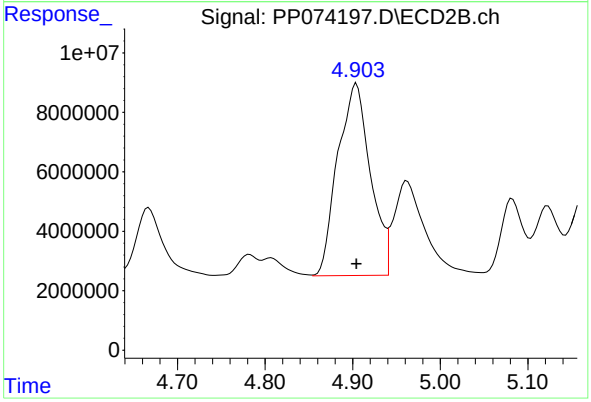
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 35262086
Conc: 347.88 ng/ml



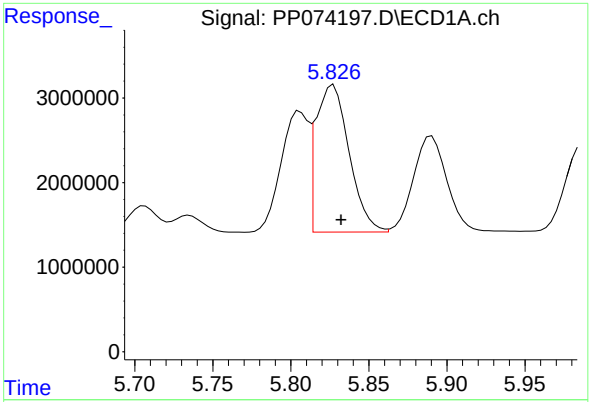
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 13527303
Conc: 899.26 ng/ml



#12 AR-1232-2

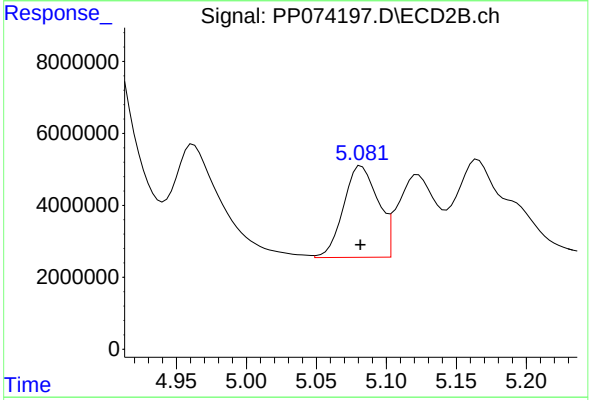
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 960.47 ng/ml



#13 AR-1232-3

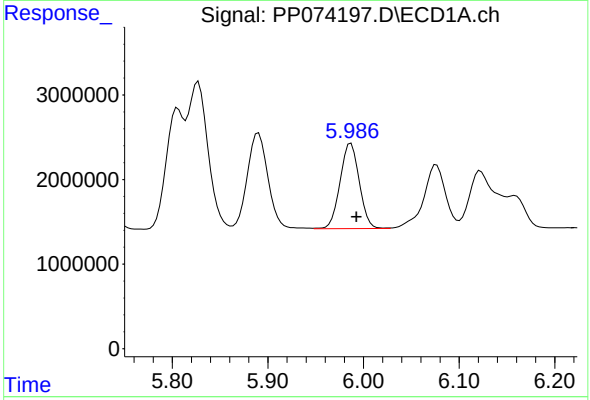
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 892.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



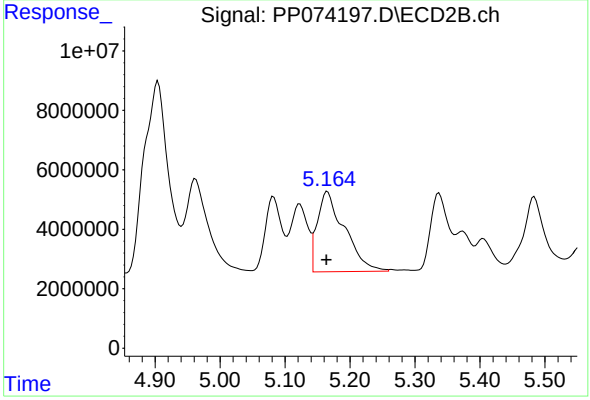
#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 953.29 ng/ml



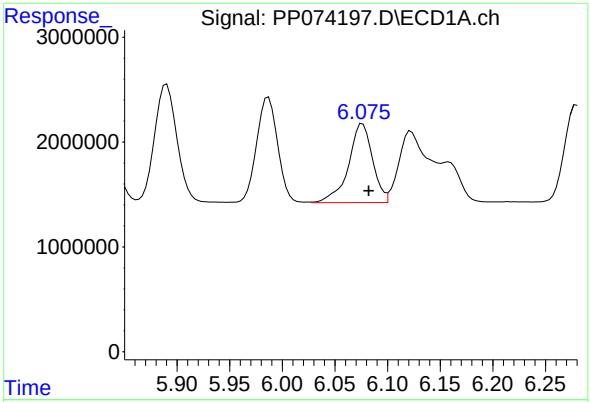
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 913.06 ng/ml



#14 AR-1232-4

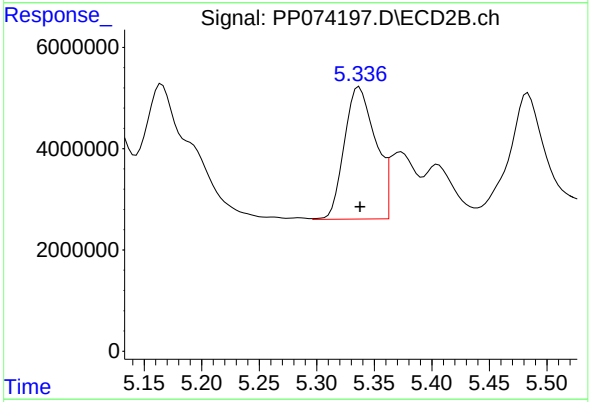
R.T.: 5.165 min
Delta R.T.: 0.002 min
Response: 78538633
Conc: 1353.86 ng/ml



#15 AR-1232-5

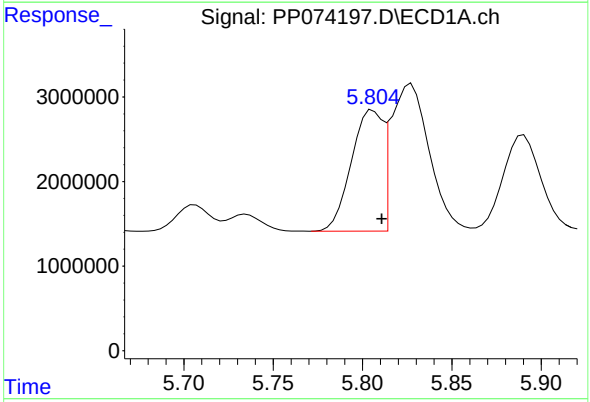
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 1023.33 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



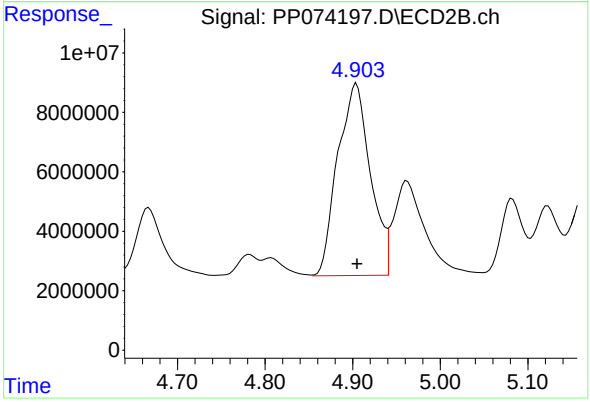
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 49362976
Conc: 1050.74 ng/ml



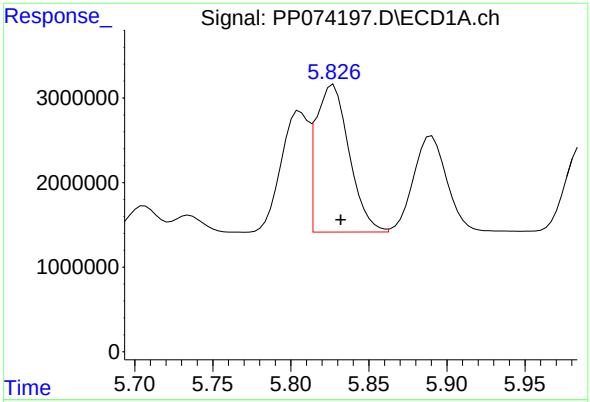
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml



#16 AR-1242-1

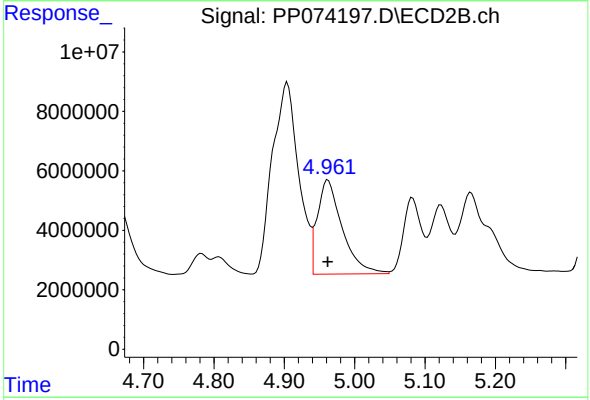
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



#17 AR-1242-2

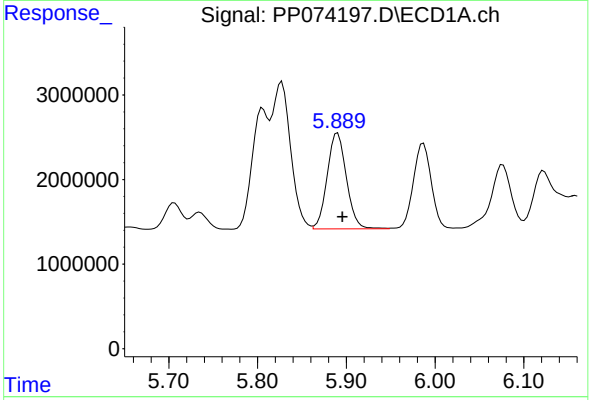
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



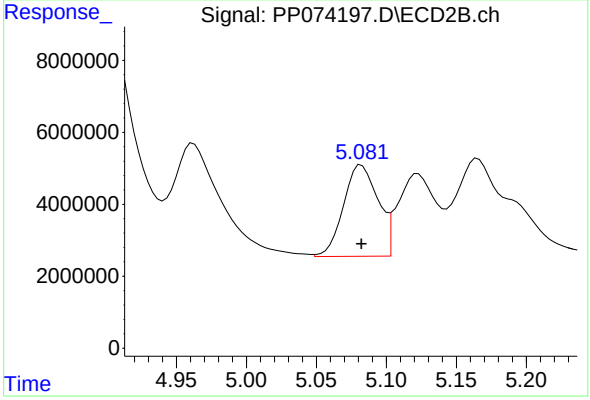
#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



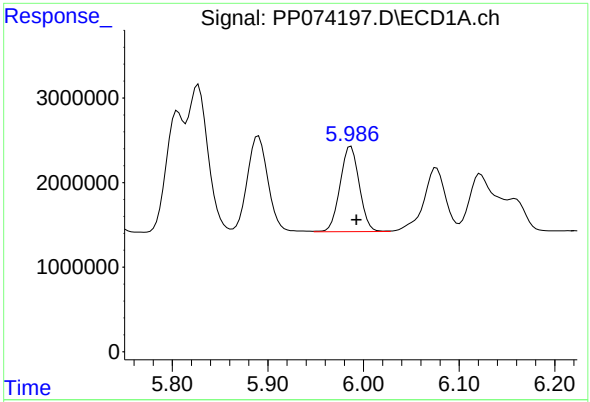
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml



#18 AR-1242-3

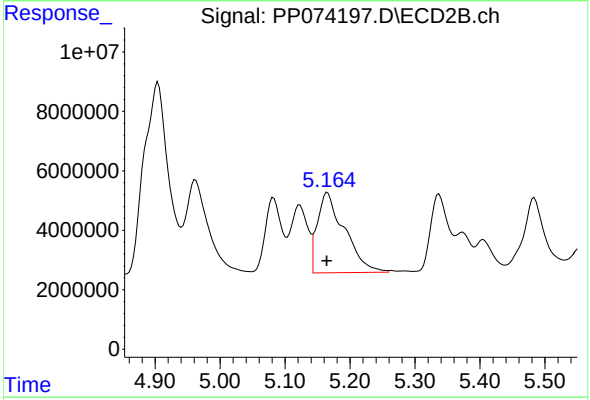
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



#19 AR-1242-4

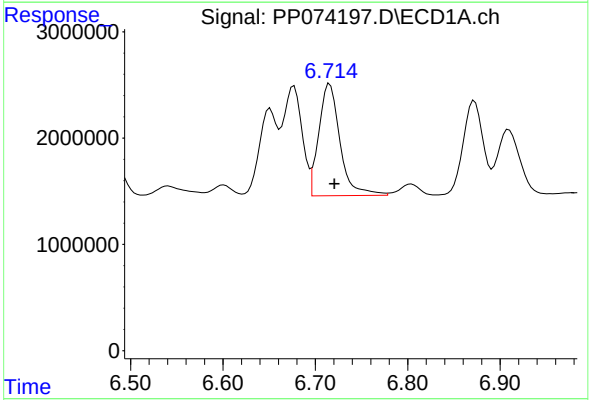
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



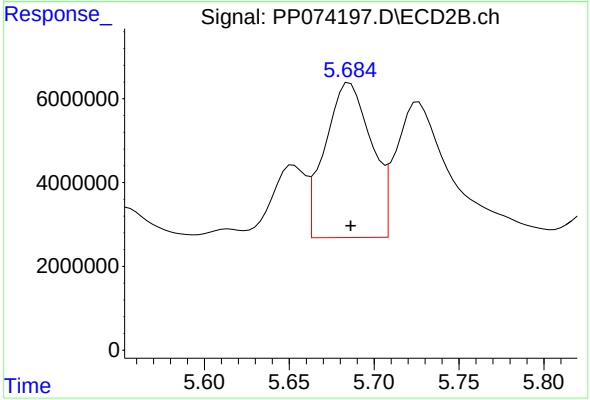
#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 78538633
Conc: 657.66 ng/ml



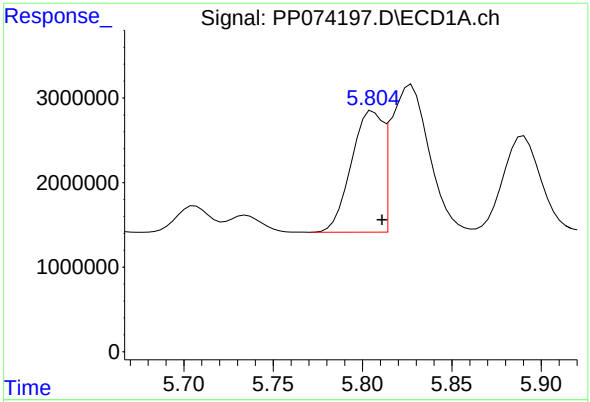
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml



#20 AR-1242-5

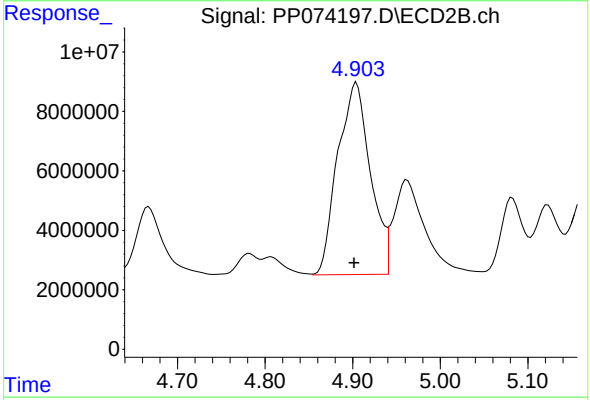
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml



#21 AR-1248-1

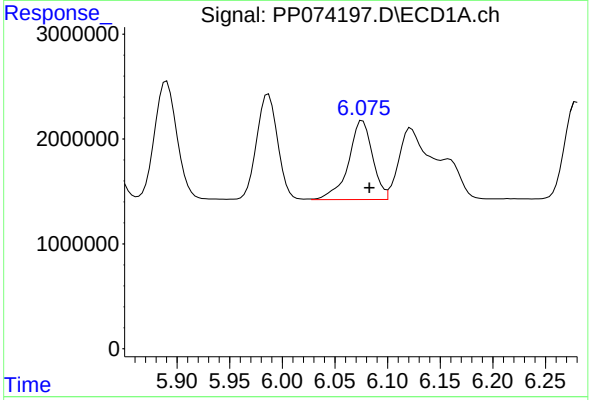
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 624.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



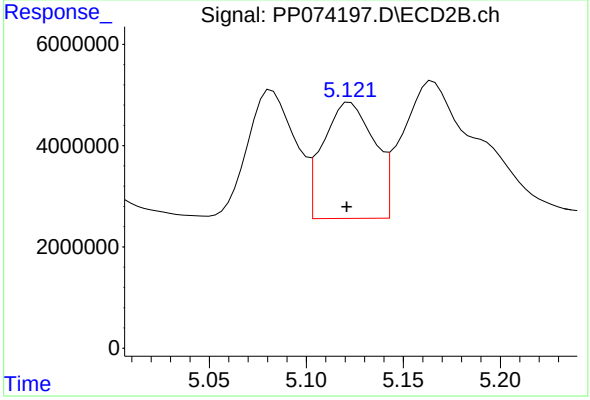
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.003 min
Response: 167377399
Conc: 782.39 ng/ml



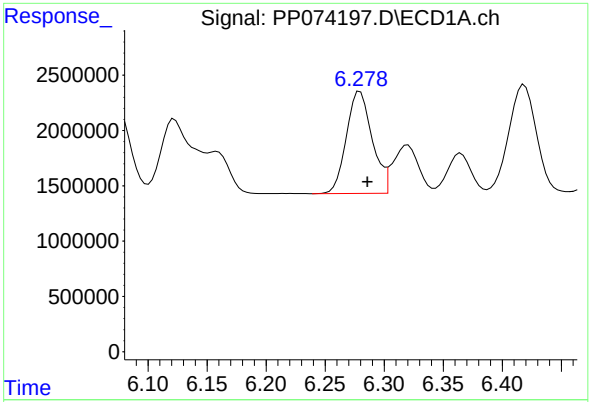
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 297.79 ng/ml



#22 AR-1248-2

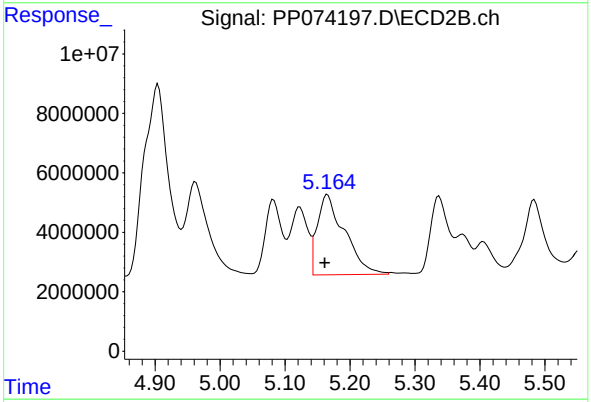
R.T.: 5.123 min
Delta R.T.: 0.002 min
Response: 42005219
Conc: 287.09 ng/ml



#23 AR-1248-3

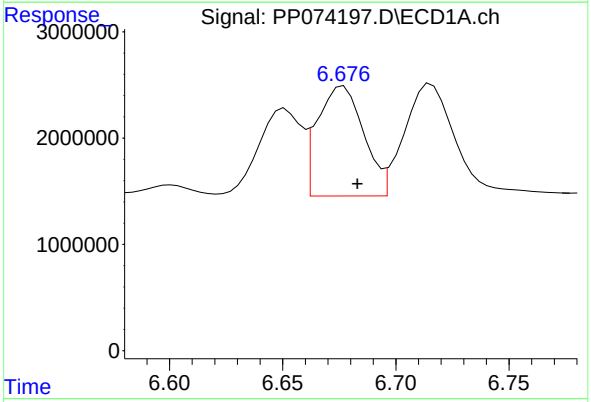
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 314.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



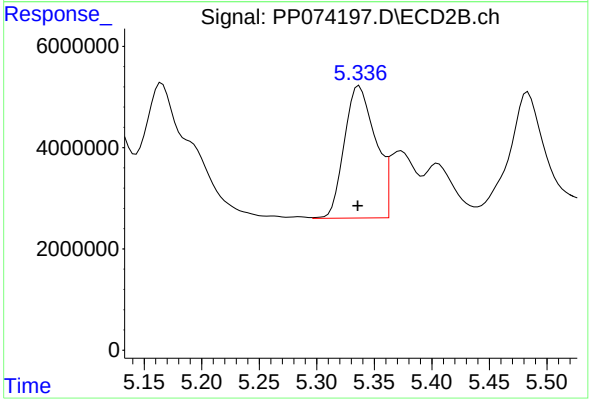
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 78538633
Conc: 458.06 ng/ml



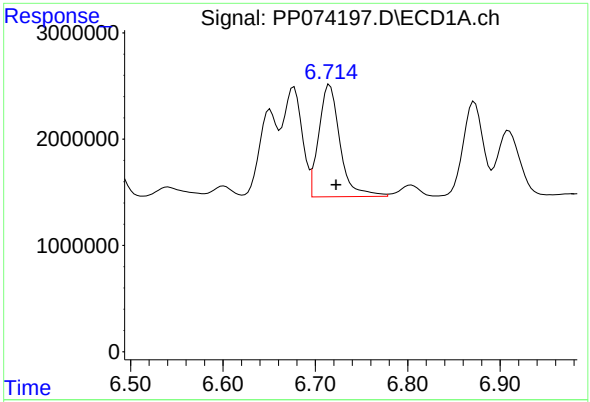
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 14725685
Conc: 282.98 ng/ml



#24 AR-1248-4

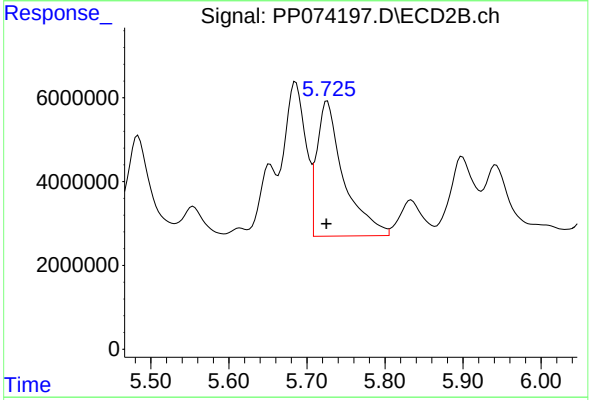
R.T.: 5.337 min
Delta R.T.: 0.002 min
Response: 49362976
Conc: 296.70 ng/ml



#25 AR-1248-5

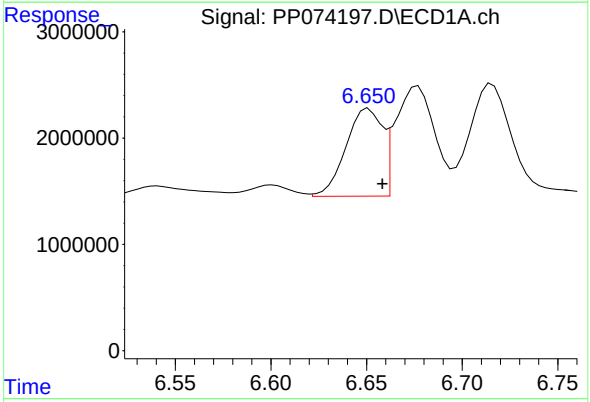
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 16823190
Conc: 295.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



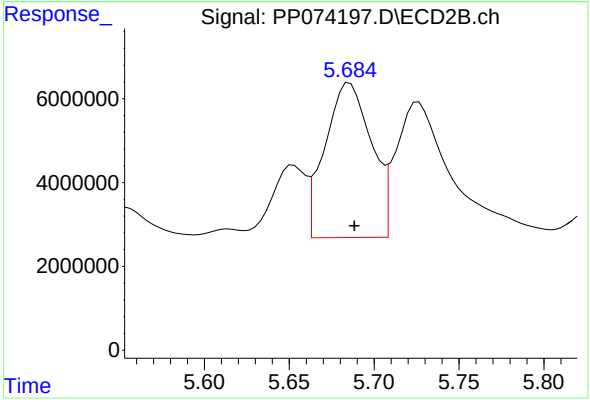
#25 AR-1248-5

R.T.: 5.726 min
Delta R.T.: 0.001 min
Response: 76598345
Conc: 263.26 ng/ml



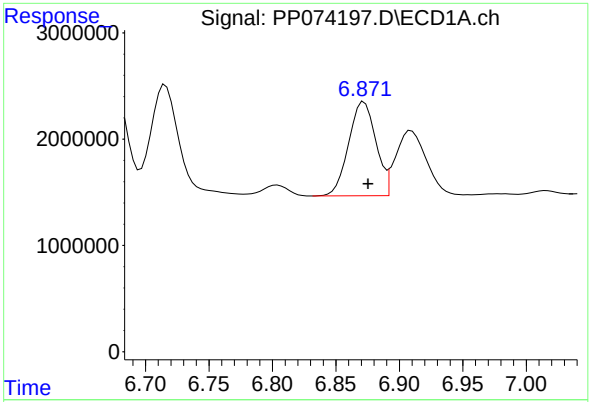
#26 AR-1254-1

R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 10912353
Conc: 207.30 ng/ml



#26 AR-1254-1

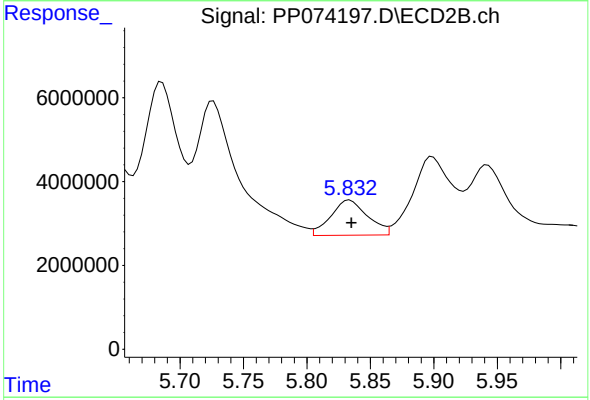
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 70286035
Conc: 191.94 ng/ml



#27 AR-1254-2

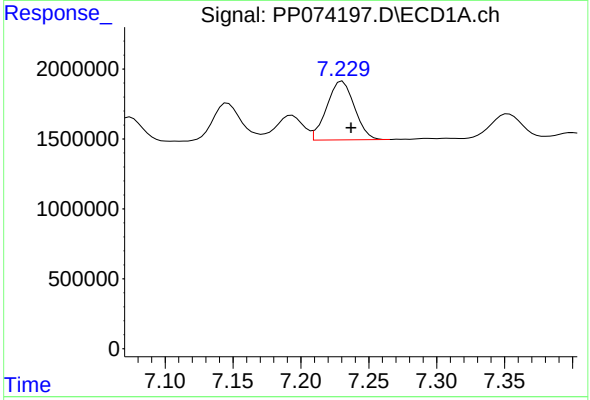
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 13215605
Conc: 166.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



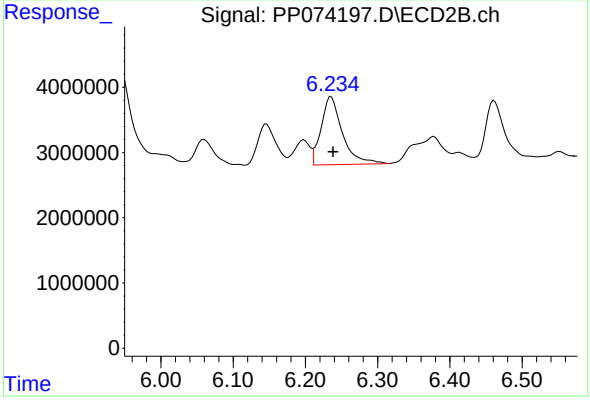
#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 16964136
Conc: 60.97 ng/ml



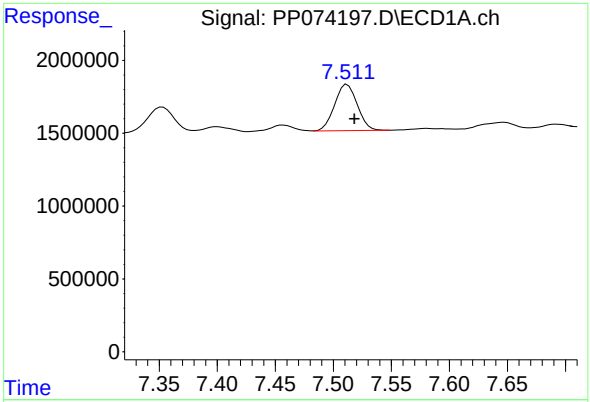
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 5959793
Conc: 68.26 ng/ml



#28 AR-1254-3

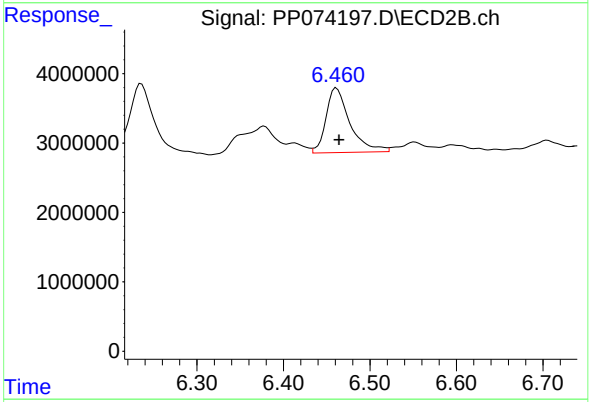
R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 21465299
Conc: 43.88 ng/ml



#29 AR-1254-4

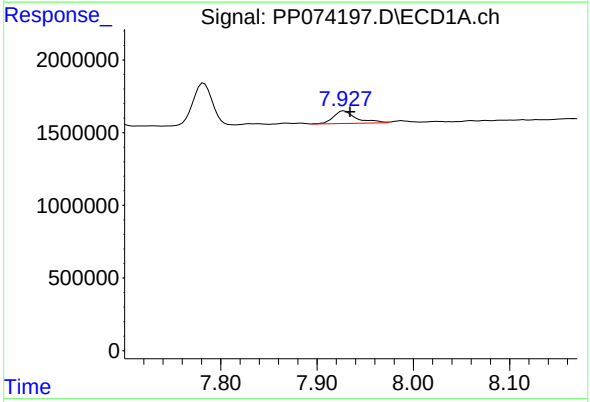
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 4317662
Conc: 67.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



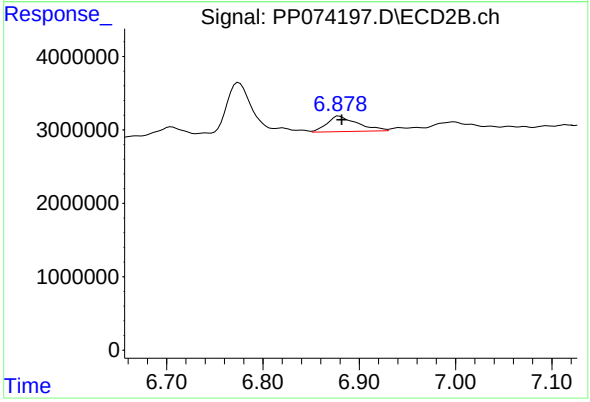
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 17873856
Conc: 48.63 ng/ml



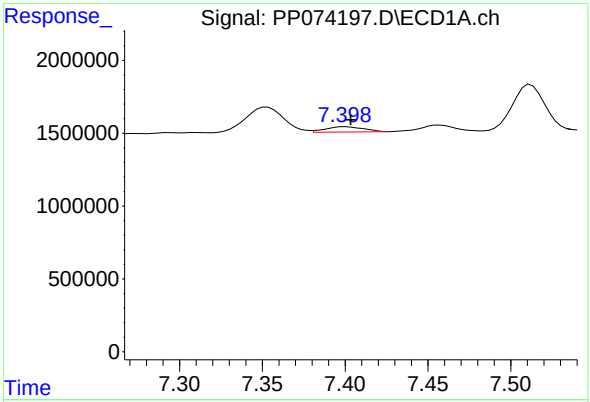
#30 AR-1254-5

R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 1449445
Conc: 17.86 ng/ml



#30 AR-1254-5

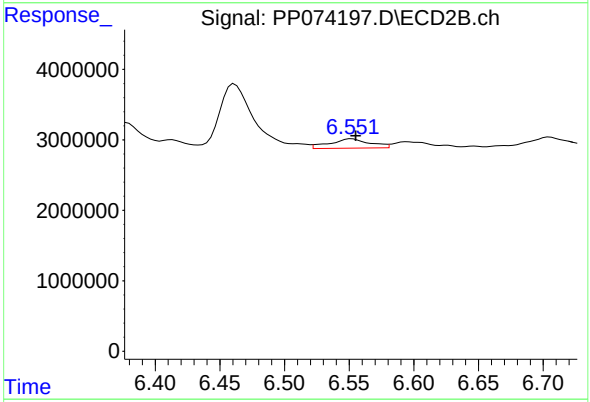
R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4651318
Conc: 11.83 ng/ml



#31 AR-1260-1

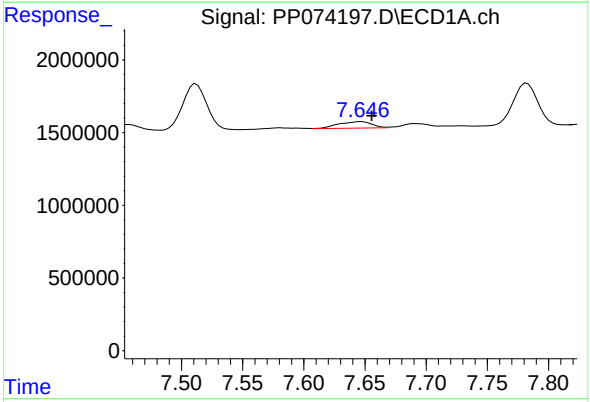
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 593868
Conc: 10.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



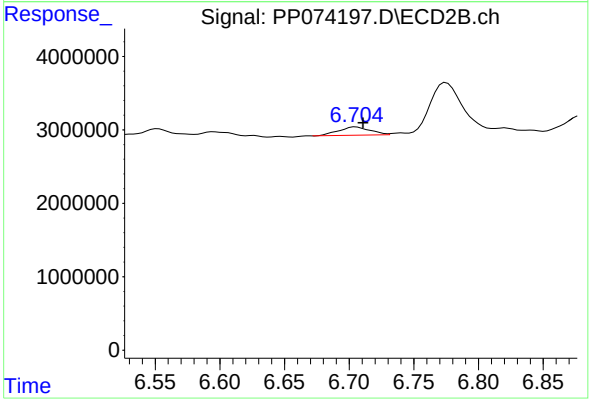
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 2870221
Conc: 7.11 ng/ml



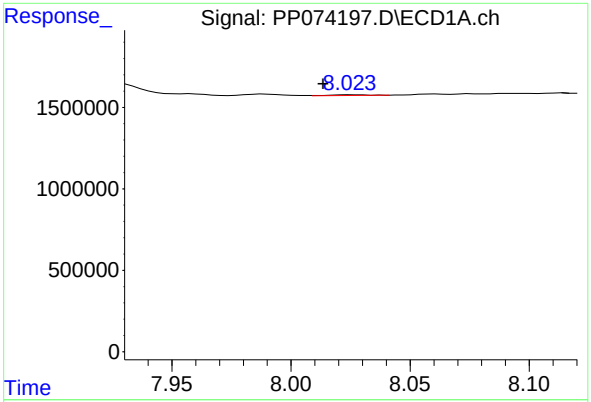
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: -0.008 min
Response: 839562
Conc: 12.32 ng/ml



#32 AR-1260-2

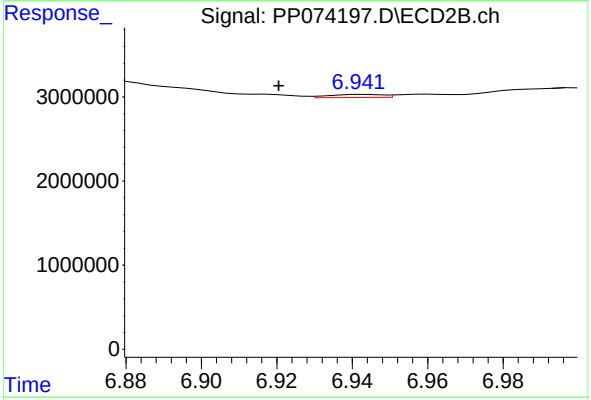
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 1902548
Conc: 6.08 ng/ml



#33 AR-1260-3

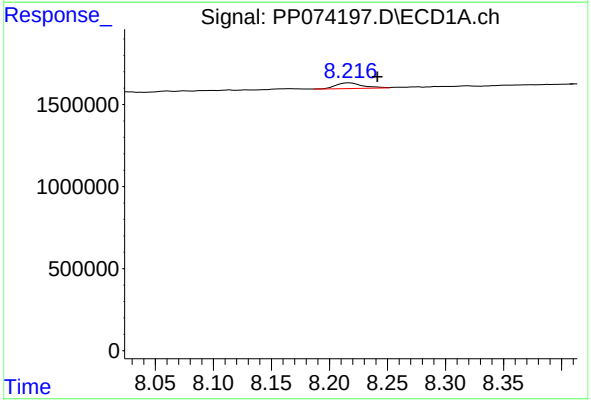
R.T.: 8.025 min
Delta R.T.: 0.011 min
Response: 47683
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



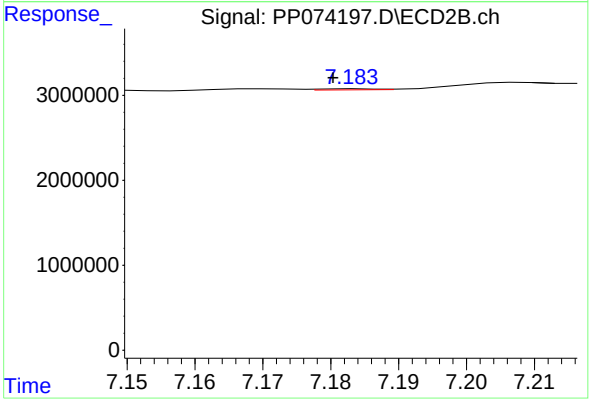
#33 AR-1260-3

R.T.: 6.943 min
Delta R.T.: 0.022 min
Response: 370567
Conc: 0.94 ng/ml



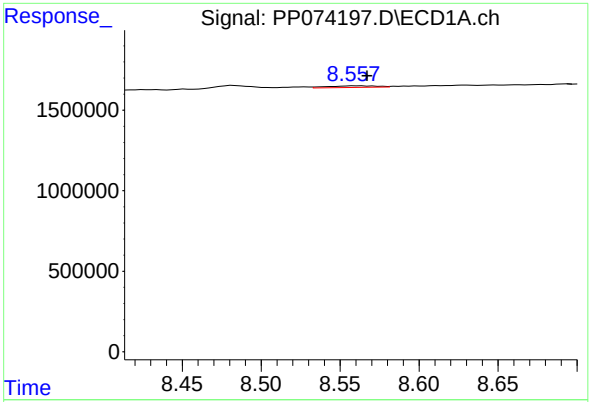
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: -0.024 min
Response: 560766
Conc: 8.96 ng/ml



#34 AR-1260-4

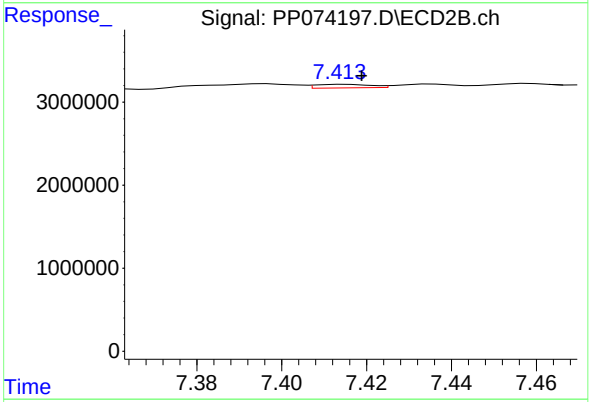
R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 72352
Conc: 0.25 ng/ml



#35 AR-1260-5

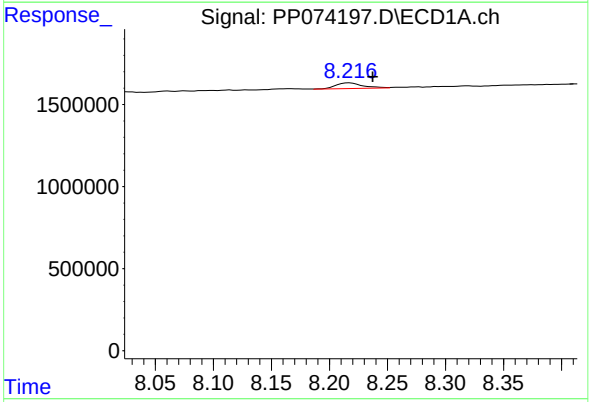
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 212917
Conc: 1.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



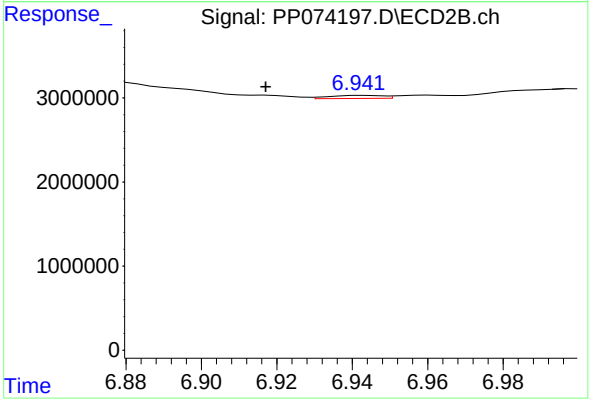
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 384725
Conc: 0.51 ng/ml



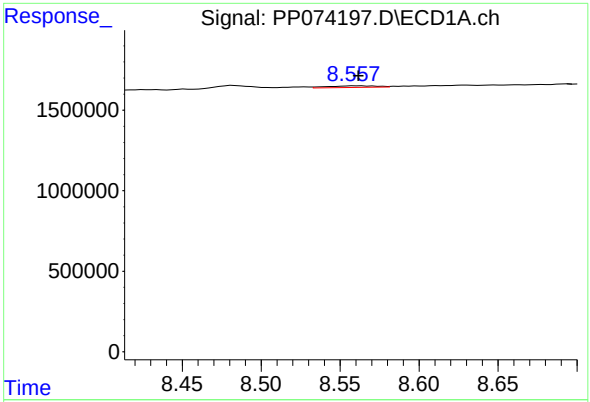
#36 AR-1262-1

R.T.: 8.217 min
Delta R.T.: -0.020 min
Response: 560766
Conc: 7.40 ng/ml



#36 AR-1262-1

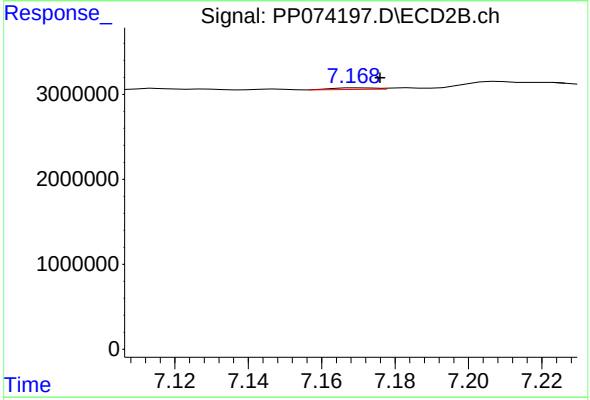
R.T.: 6.943 min
Delta R.T.: 0.026 min
Response: 370567
Conc: 0.66 ng/ml



#37 AR-1262-2

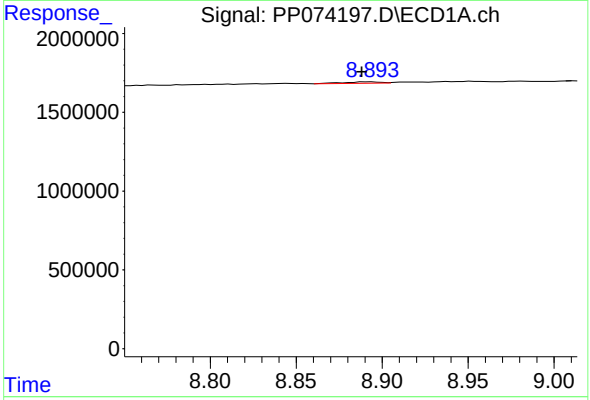
R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 212917
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



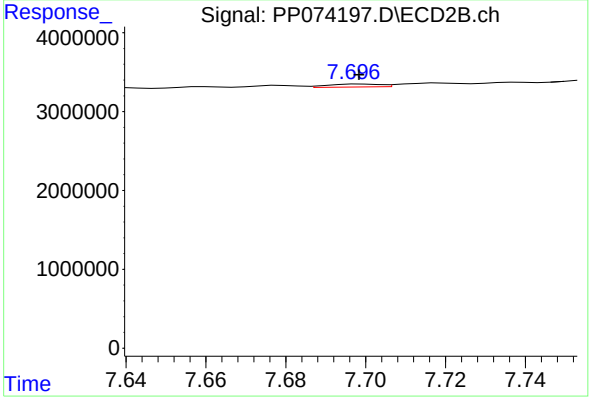
#37 AR-1262-2

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 147921
Conc: 0.37 ng/ml



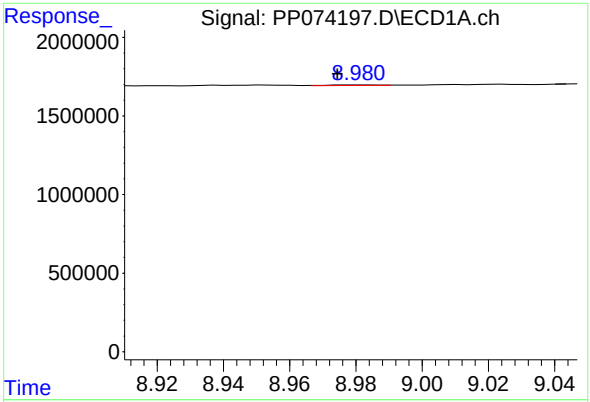
#38 AR-1262-3

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 131960
Conc: 1.40 ng/ml



#38 AR-1262-3

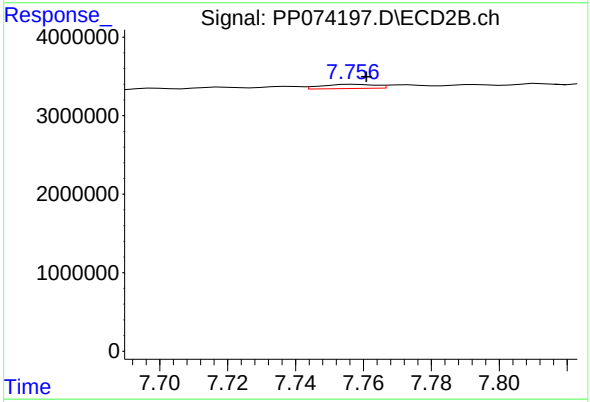
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 339738
Conc: 0.95 ng/ml



#39 AR-1262-4

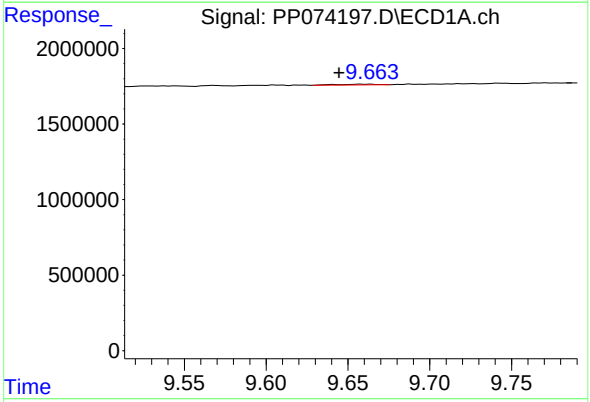
R.T.: 8.981 min
Delta R.T.: 0.007 min
Response: 35860
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



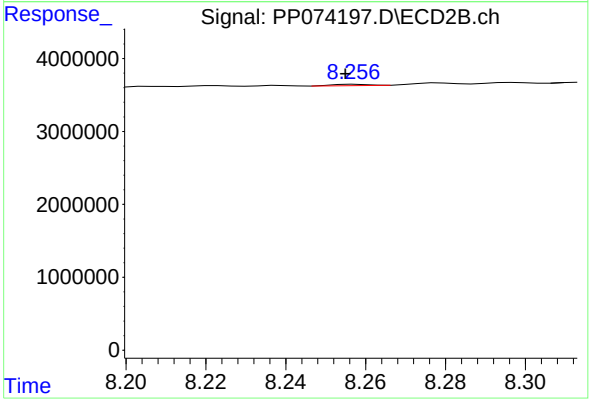
#39 AR-1262-4

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 593683
Conc: 0.89 ng/ml



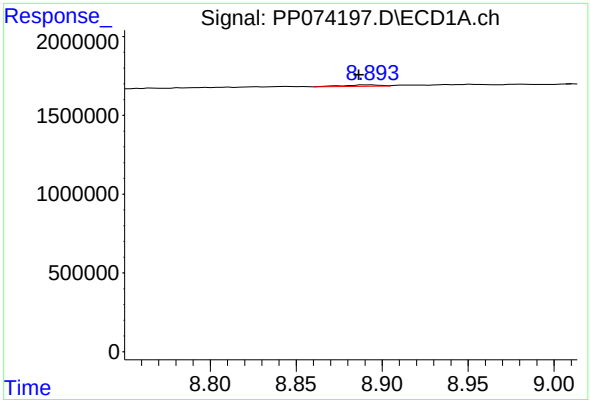
#40 AR-1262-5

R.T.: 9.662 min
Delta R.T.: 0.018 min
Response: 83218
Conc: 1.63 ng/ml



#40 AR-1262-5

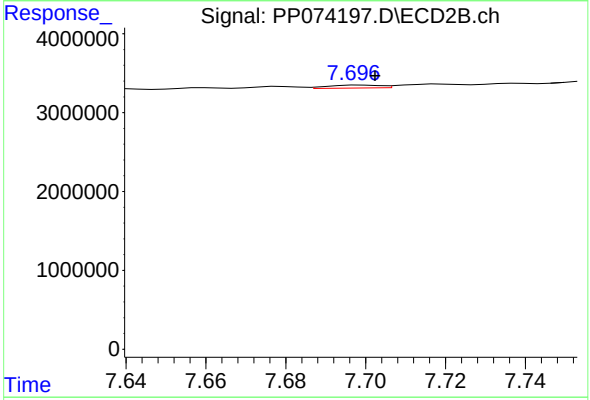
R.T.: 8.258 min
Delta R.T.: 0.003 min
Response: 116580
Conc: 0.41 ng/ml



#41 AR-1268-1

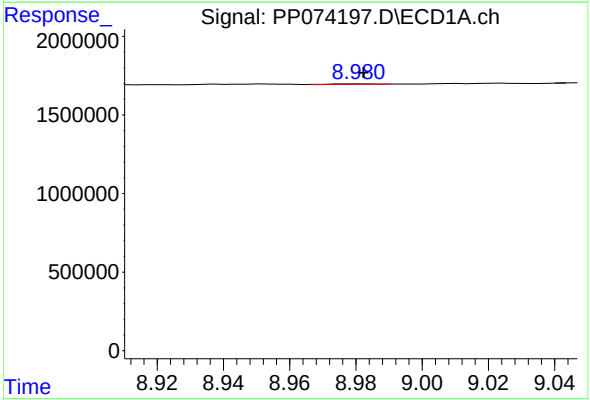
R.T.: 8.894 min
Delta R.T.: 0.008 min
Response: 131960
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



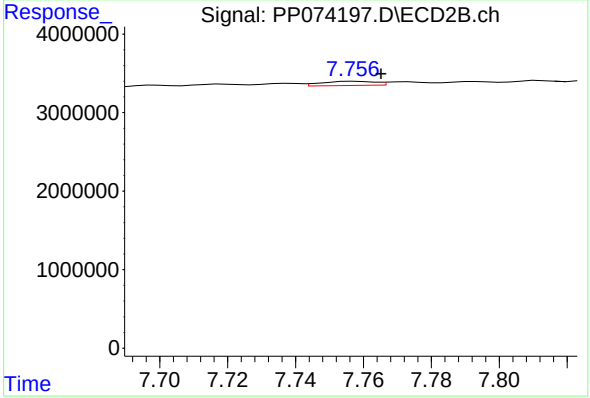
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 339738
Conc: 0.31 ng/ml



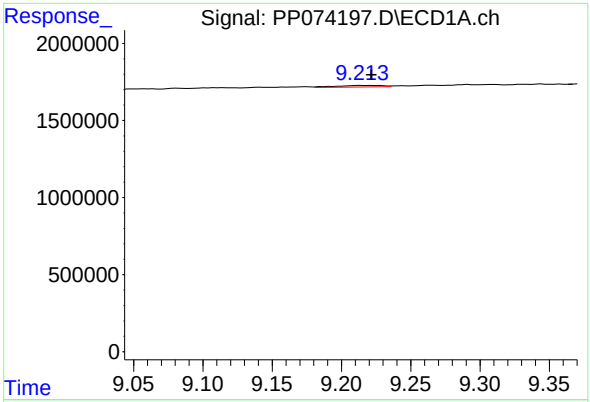
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: -0.001 min
Response: 35860
Conc: 0.25 ng/ml



#42 AR-1268-2

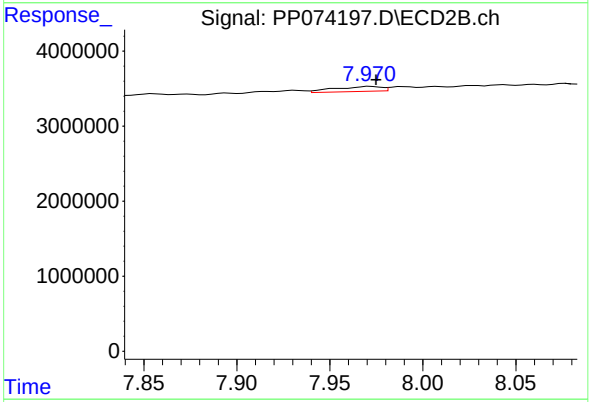
R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 593683
Conc: 0.56 ng/ml



#43 AR-1268-3

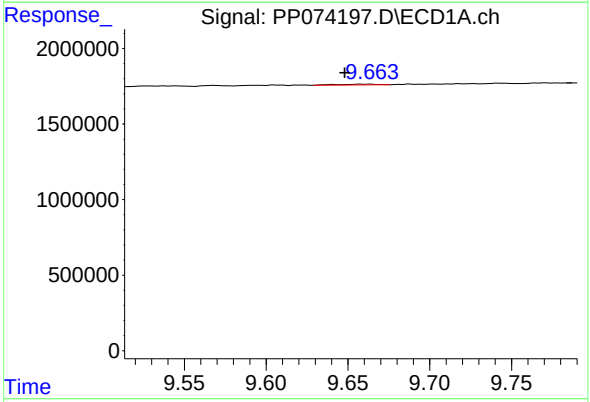
R.T.: 9.214 min
Delta R.T.: -0.007 min
Response: 255483
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



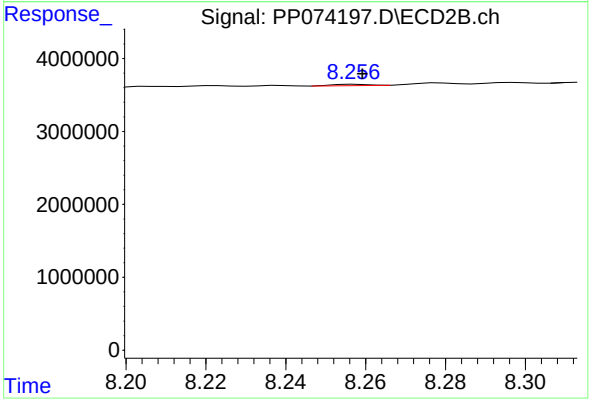
#43 AR-1268-3

R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 1184209
Conc: 1.42 ng/ml



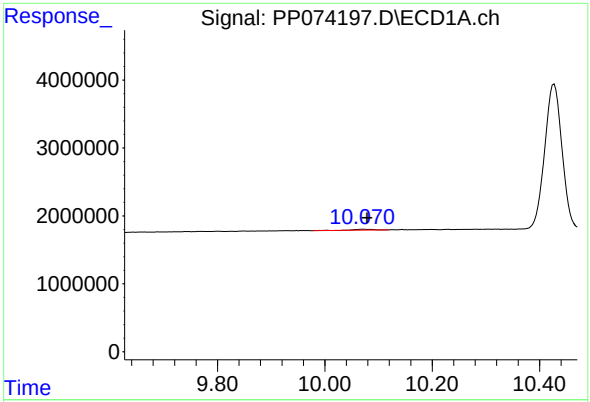
#44 AR-1268-4

R.T.: 9.662 min
Delta R.T.: 0.014 min
Response: 83218
Conc: 1.41 ng/ml



#44 AR-1268-4

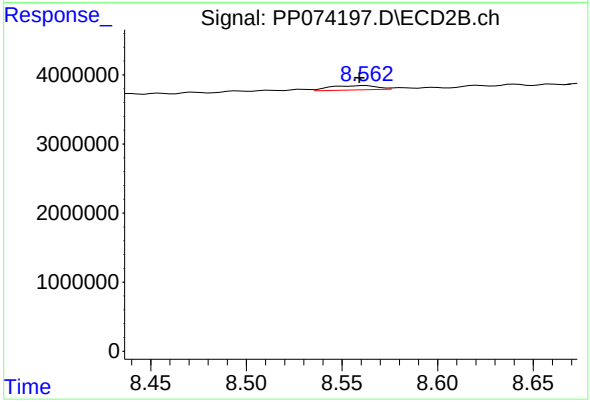
R.T.: 8.258 min
Delta R.T.: -0.001 min
Response: 116580
Conc: 0.38 ng/ml



#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 : PP074198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:37
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:51 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	3.805	53554793	191.1E6	47.889	49.847	
2)	SA Decachlor...	10.428	8.824	47537298	295.3E6	48.949	49.101	
	Target Compounds							
3)	L1 AR-1016-1	5.806	4.904	13951339	107.6E6	338.158	269.820	
4)	L1 AR-1016-2	5.828	4.961	16252691	39399964	267.570	209.787	
5)	L1 AR-1016-3	5.890	5.084	8800245	27089196	221.889	255.391	
6)	L1 AR-1016-4	5.987	5.124	9702468	71900356	298.130	658.307	#
7)	L1 AR-1016-5	6.280	5.338	21866877	82403417	673.489	704.524	
8)	L2 AR-1221-1	4.850	4.016	278636	454928	16.621	9.268	#
9)	L2 AR-1221-2	4.956	4.102	1151960	2038232	91.418	56.792	#
10)	L2 AR-1221-3	5.016	4.179	1197563	3815543	32.689	28.216	
11)	L3 AR-1232-1	5.016	4.179	1197563	3815543	41.242	37.643	
12)	L3 AR-1232-2	5.541	4.904	6275531	107.6E6	417.181	617.606	#
13)	L3 AR-1232-3	5.828	5.084	16252691	27089196	560.405	591.253	
14)	L3 AR-1232-4	5.987	5.166	9702468	119.6E6	627.227	2061.695	#
15)	L3 AR-1232-5	6.077	5.338	19721117	82403417	1683.262	1754.031	
16)	L4 AR-1242-1	5.806	4.904	13951339	107.6E6	374.374	311.838	
17)	L4 AR-1242-2	5.828	4.961	16252691	39399964	298.714	241.159	
18)	L4 AR-1242-3	5.890	5.084	8800245	27089196	246.258	293.655	
19)	L4 AR-1242-4	5.987	5.166	9702468	119.6E6	332.064	1001.497	#
20)	L4 AR-1242-5	6.717	5.687	25702187	138.3E6	722.824	924.593	#
21)	L5 AR-1248-1	5.806	4.904	13951339	107.6E6	498.004	503.095	
22)	L5 AR-1248-2	6.077	5.124	19721117	71900356	489.831	491.416	
23)	L5 AR-1248-3	6.280	5.166	21866877	119.6E6	490.580	697.541	#
24)	L5 AR-1248-4	6.677	5.338	24961771	82403417	479.691	495.291	
25)	L5 AR-1248-5	6.717	5.728	25702187	138.2E6	451.365	474.938	
26)	L6 AR-1254-1	6.652	5.687	18801746	138.3E6	357.169	377.632	
27)	L6 AR-1254-2	6.872	5.835	24743862	40537134	311.226	145.703	#
28)	L6 AR-1254-3	7.231	6.237	14735660	64978966	168.762	132.824	
29)	L6 AR-1254-4	7.513	6.463	10302906	50381758	161.464	137.069	
30)	L6 AR-1254-5	7.929	6.881	3244004	11795878	39.978	30.008	
31)	L7 AR-1260-1	7.399	6.553	1774018	6643855	31.479	16.447	#
32)	L7 AR-1260-2	7.647	6.705	2585395	5608459	37.936	17.936	#
33)	L7 AR-1260-3	7.992	6.944	551589	930831	10.350	2.362	#
34)	L7 AR-1260-4	8.218	7.180	1285874	371059	20.536	1.275	#
35)	L7 AR-1260-5	8.560	7.414	634334	3370499	5.598	4.450	
36)	L8 AR-1262-1	8.218	6.944	1285874	930831	16.966	1.653	#
37)	L8 AR-1262-2	8.560	7.180	634334	371059	4.863	0.925	#
38)	L8 AR-1262-3	8.893	7.709	288755	1070831	3.070	2.979	
39)	L8 AR-1262-4	8.977	7.762	139747	2246909	1.918	3.369	#
40)	L8 AR-1262-5	9.649	8.251	183150	374345	3.597	1.322	#
41)	L9 AR-1268-1	8.893	7.709	288755	1070831	1.855	0.982	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:37
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:51 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	8.977	7.762	139747	2246909	0.974	2.117	#
43)	L9 AR-1268-3	9.218	7.970	135596	547484	1.135	0.658	#
44)	L9 AR-1268-4	9.649	8.266	183150	263062	3.114	0.854	#
45)	L9 AR-1268-5	10.077	8.556	322560	1148289	0.917	0.450	#

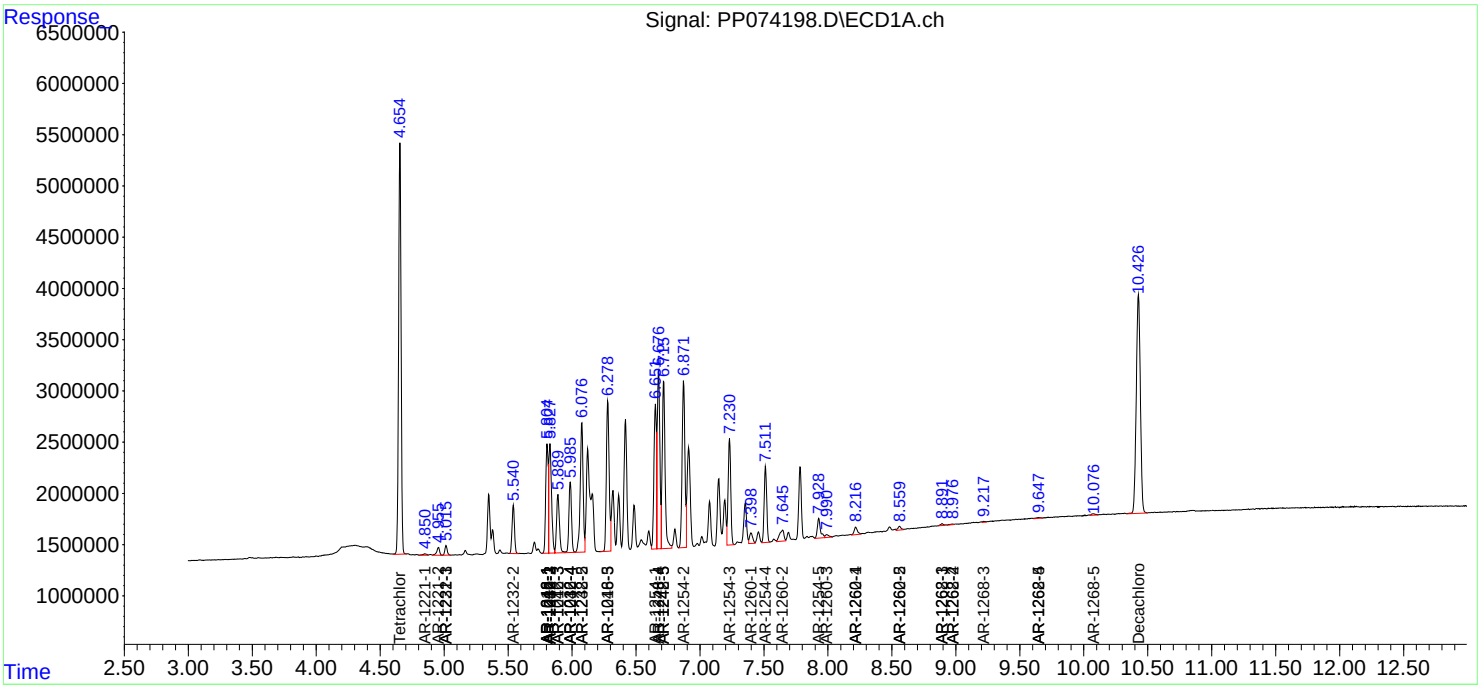
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

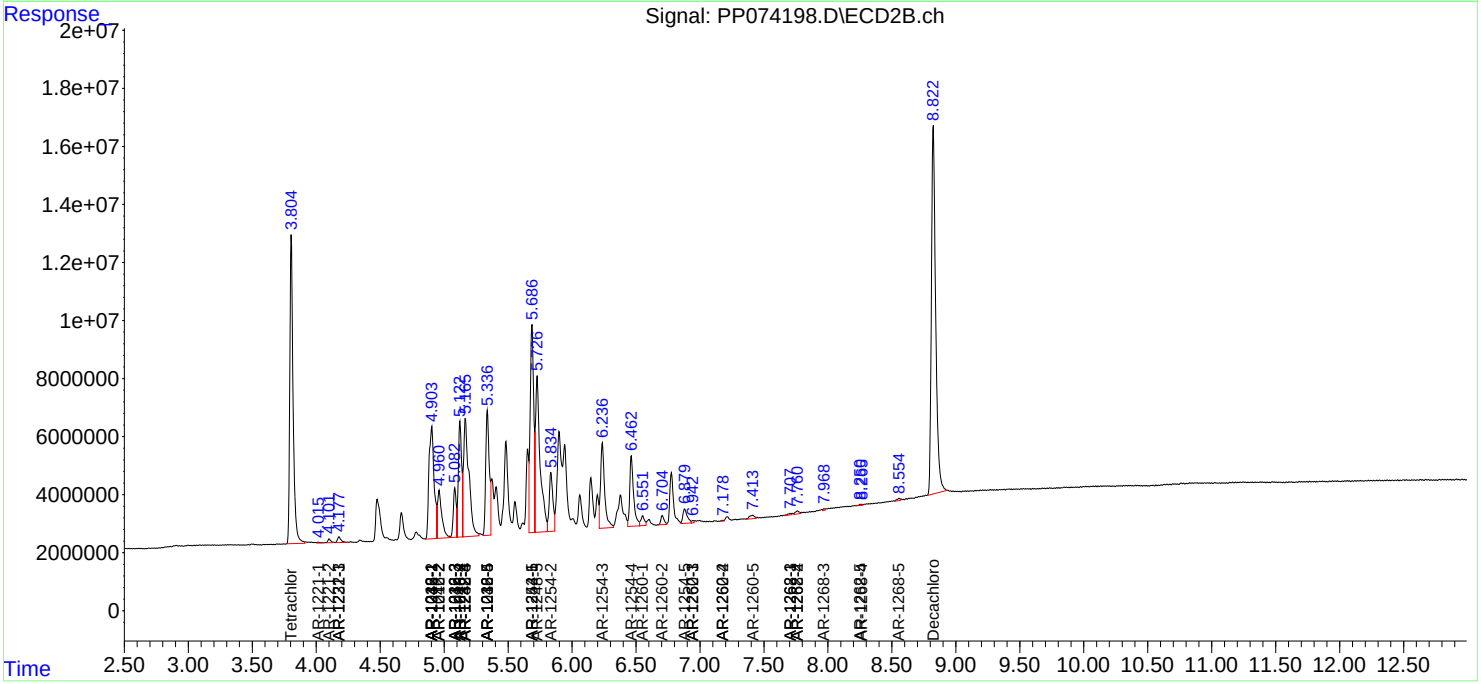
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:37
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

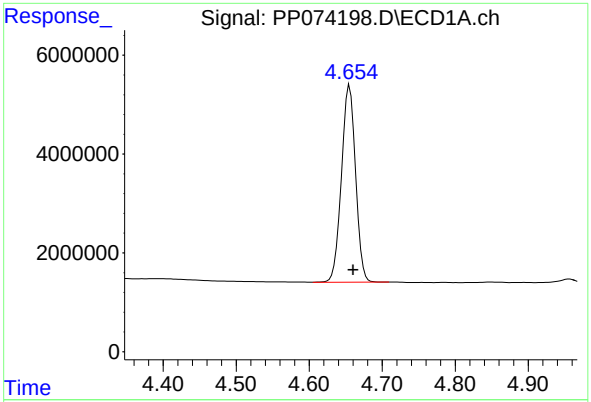
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:51 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



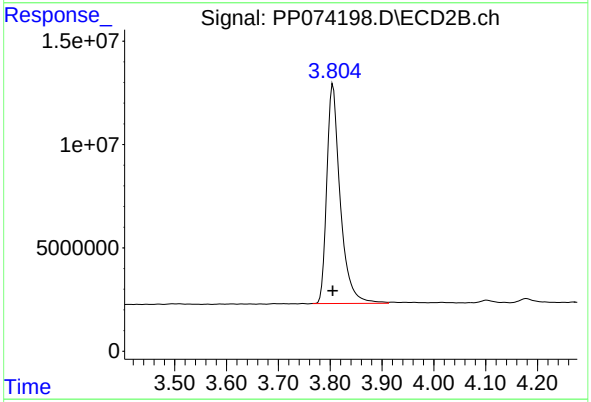




#1 Tetrachloro-m-xylene

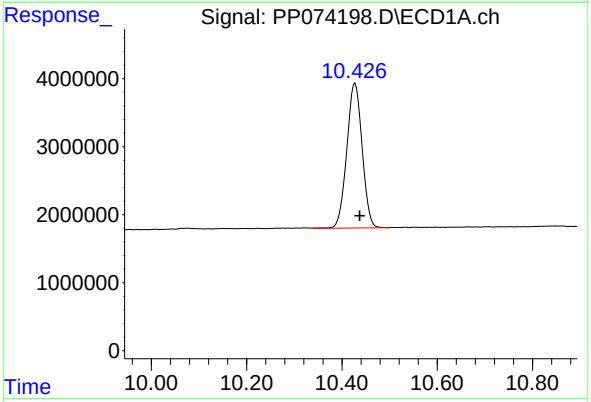
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 53554793
Conc: 47.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



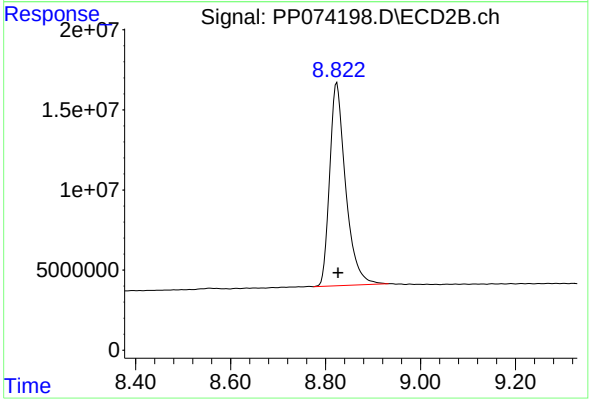
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 191135288
Conc: 49.85 ng/ml



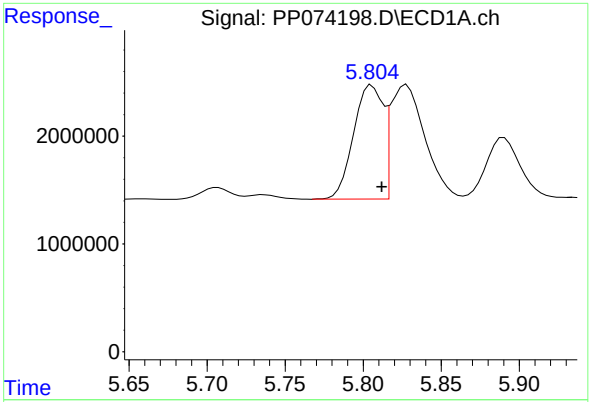
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.009 min
Response: 47537298
Conc: 48.95 ng/ml



#2 Decachlorobiphenyl

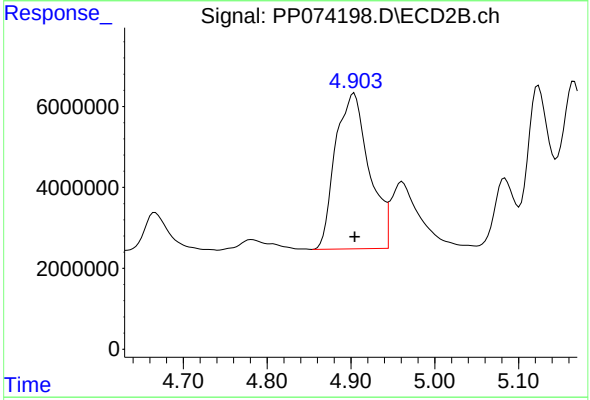
R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 295276609
Conc: 49.10 ng/ml



#3 AR-1016-1

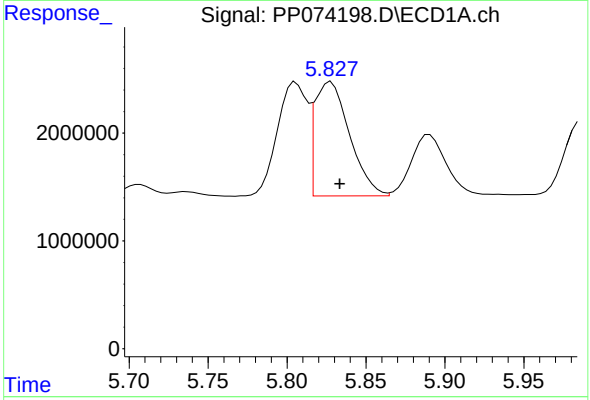
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 13951339
Conc: 338.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



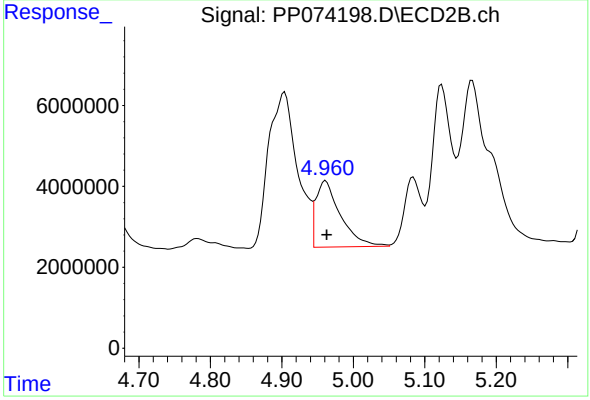
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 107627908
Conc: 269.82 ng/ml



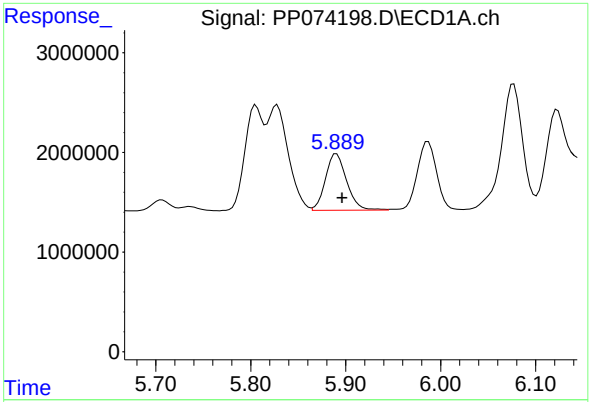
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: -0.006 min
Response: 16252691
Conc: 267.57 ng/ml



#4 AR-1016-2

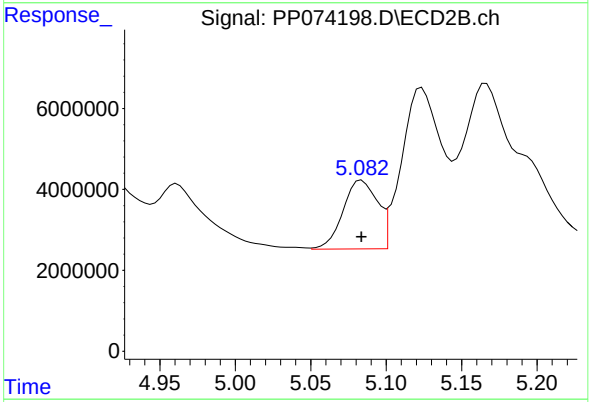
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 39399964
Conc: 209.79 ng/ml



#5 AR-1016-3

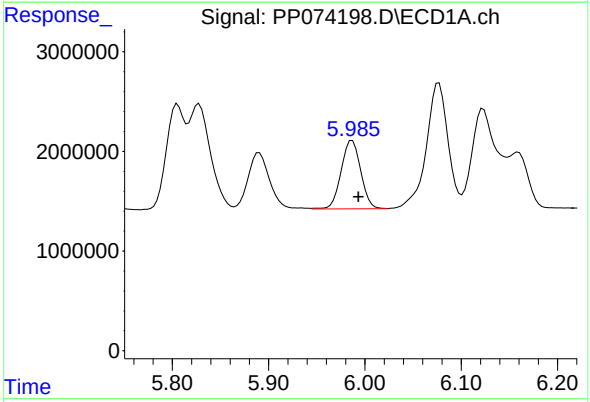
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 8800245
Conc: 221.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



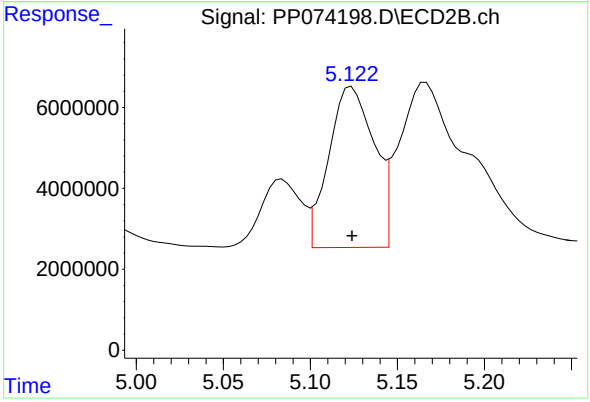
#5 AR-1016-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 27089196
Conc: 255.39 ng/ml



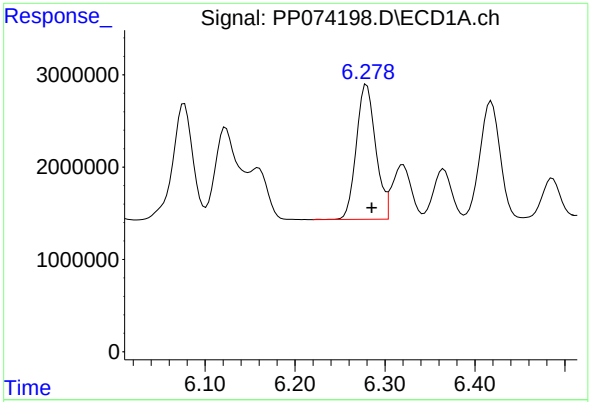
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 9702468
Conc: 298.13 ng/ml



#6 AR-1016-4

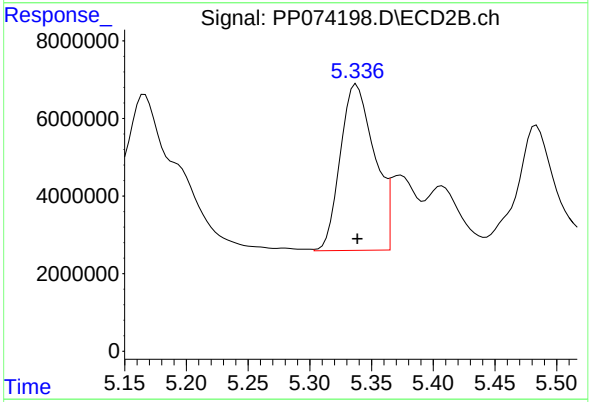
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 71900356
Conc: 658.31 ng/ml



#7 AR-1016-5

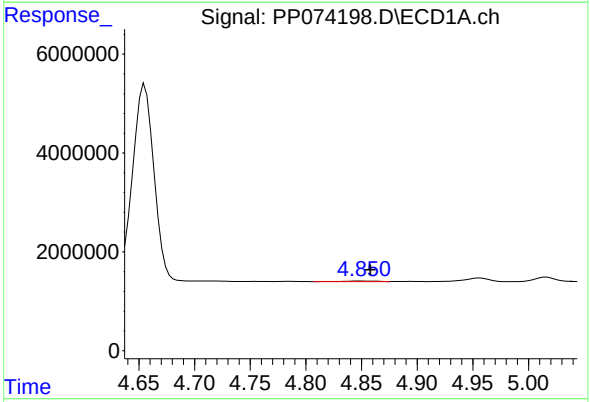
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 21866877
Conc: 673.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



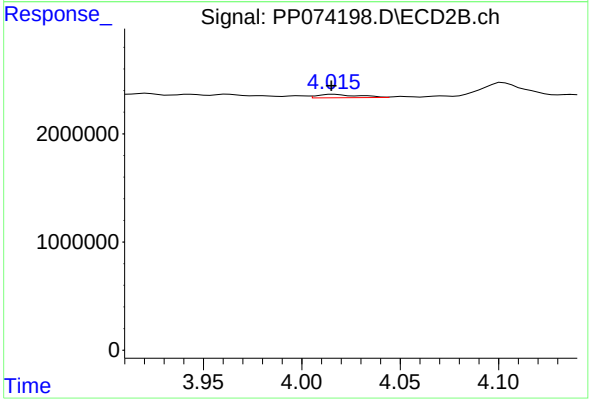
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 82403417
Conc: 704.52 ng/ml



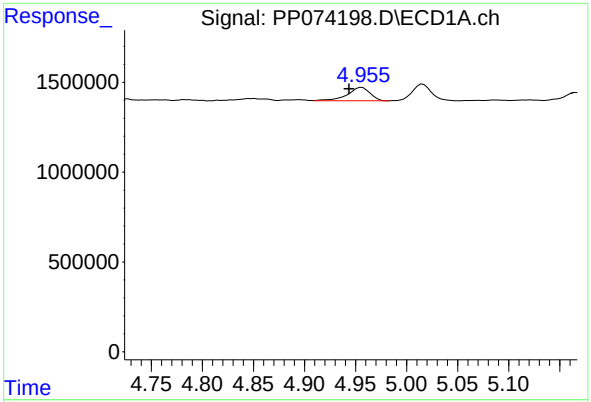
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.007 min
Response: 278636
Conc: 16.62 ng/ml



#8 AR-1221-1

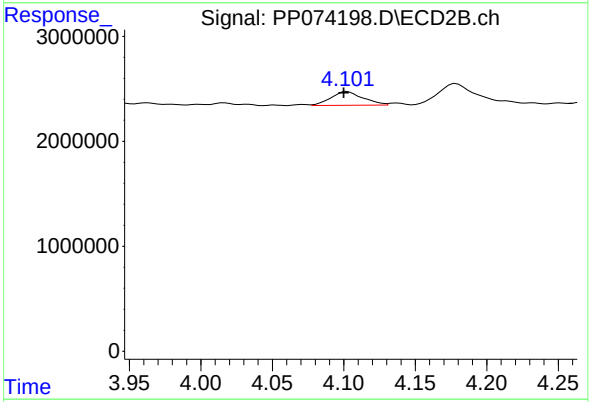
R.T.: 4.016 min
Delta R.T.: 0.001 min
Response: 454928
Conc: 9.27 ng/ml



#9 AR-1221-2

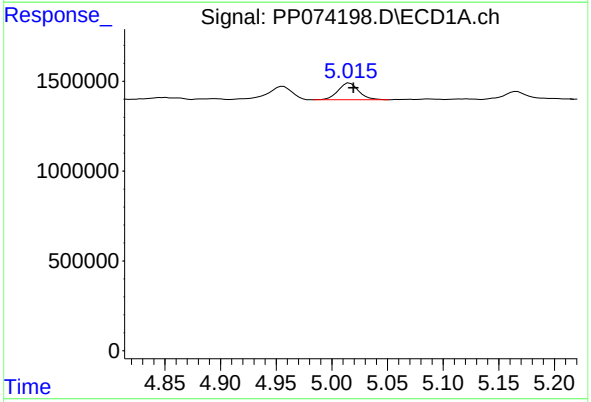
R.T.: 4.956 min
Delta R.T.: 0.013 min
Response: 1151960
Conc: 91.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



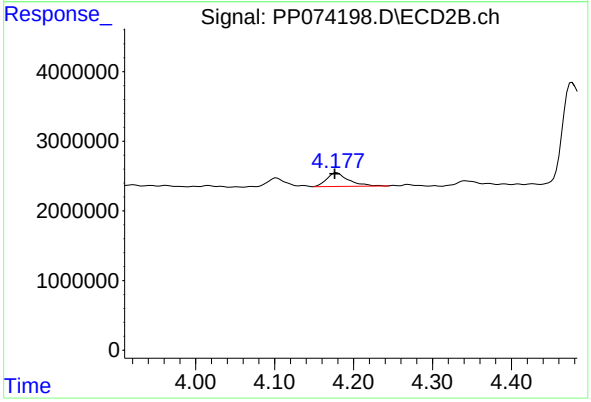
#9 AR-1221-2

R.T.: 4.102 min
Delta R.T.: 0.003 min
Response: 2038232
Conc: 56.79 ng/ml



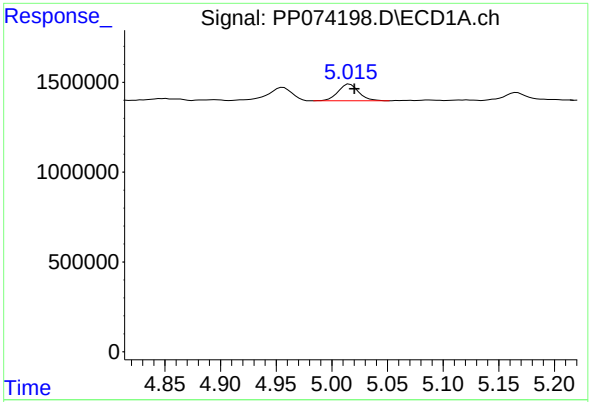
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 1197563
Conc: 32.69 ng/ml



#10 AR-1221-3

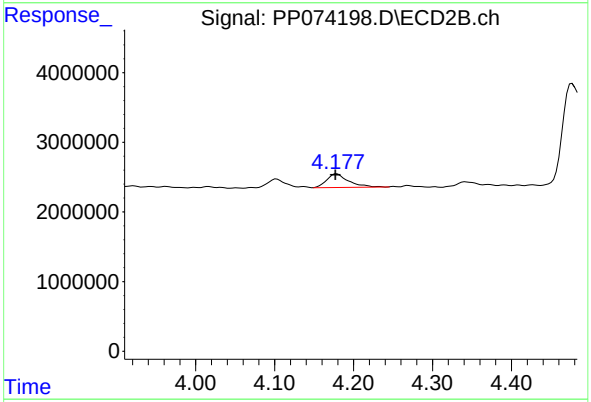
R.T.: 4.179 min
Delta R.T.: 0.002 min
Response: 3815543
Conc: 28.22 ng/ml



#11 AR-1232-1

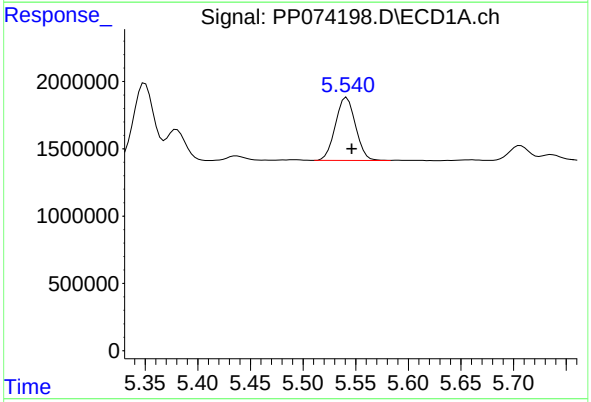
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 1197563
Conc: 41.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



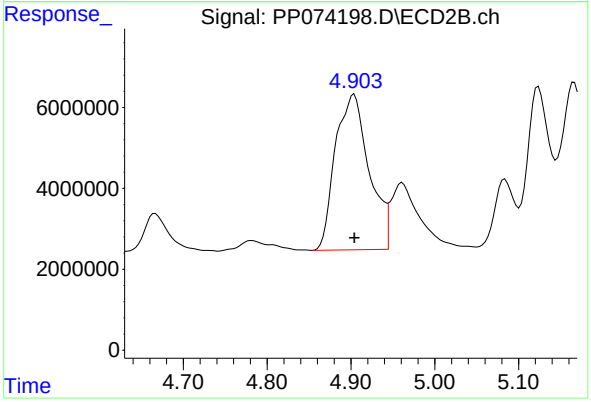
#11 AR-1232-1

R.T.: 4.179 min
Delta R.T.: 0.001 min
Response: 3815543
Conc: 37.64 ng/ml



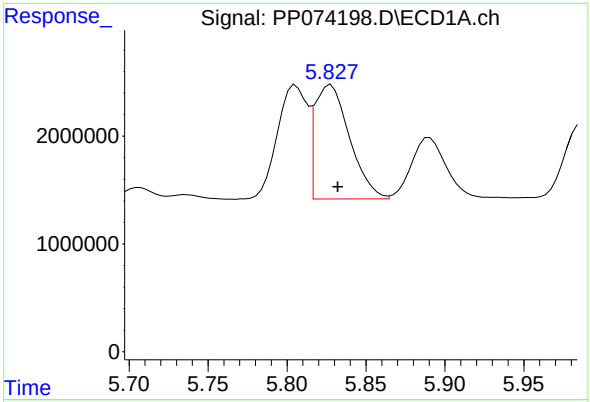
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 6275531
Conc: 417.18 ng/ml



#12 AR-1232-2

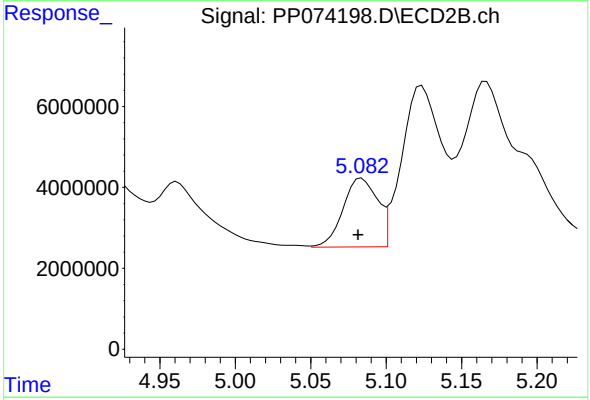
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 107627908
Conc: 617.61 ng/ml



#13 AR-1232-3

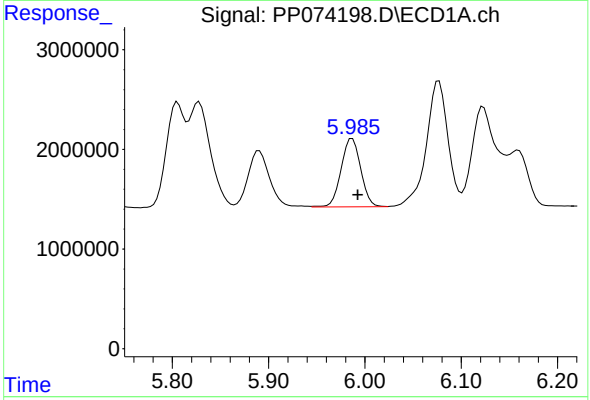
R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 16252691
Conc: 560.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



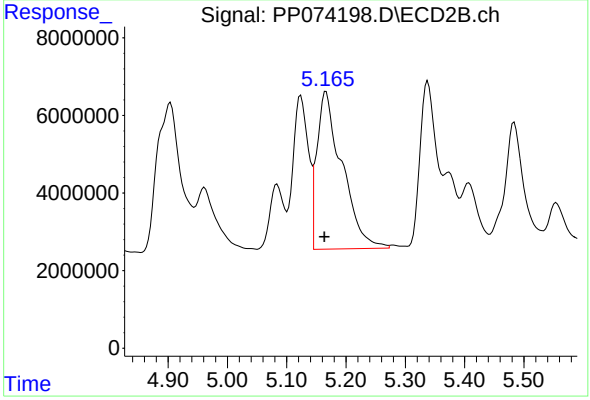
#13 AR-1232-3

R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 27089196
Conc: 591.25 ng/ml



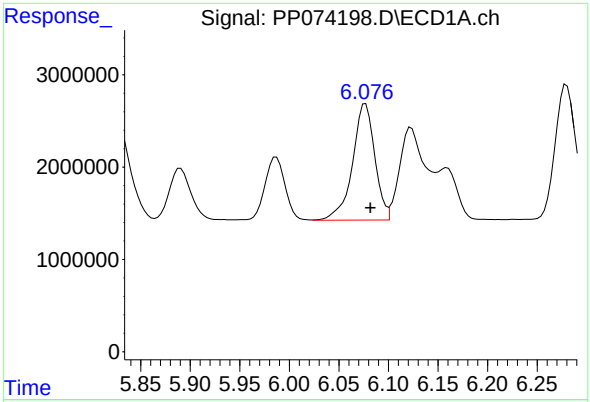
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 9702468
Conc: 627.23 ng/ml



#14 AR-1232-4

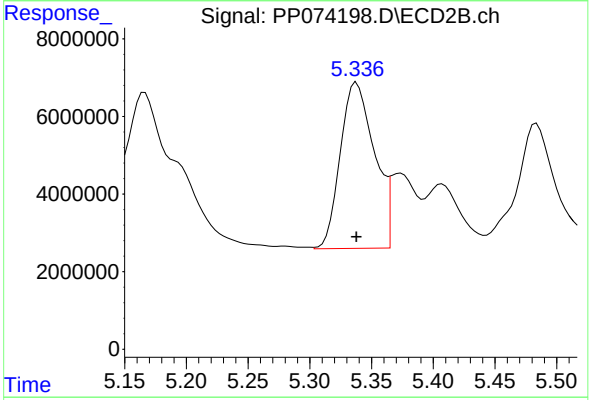
R.T.: 5.166 min
Delta R.T.: 0.003 min
Response: 119600410
Conc: 2061.70 ng/ml



#15 AR-1232-5

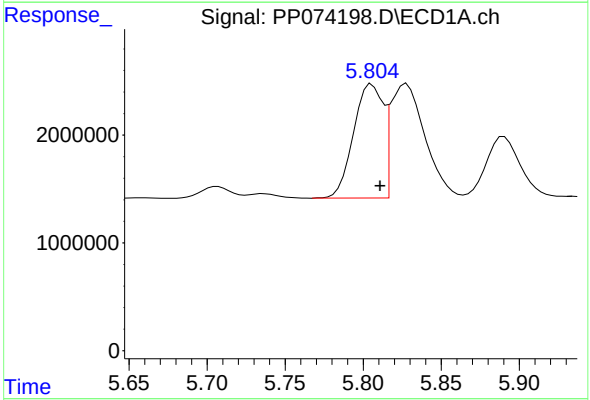
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 19721117
Conc: 1683.26 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



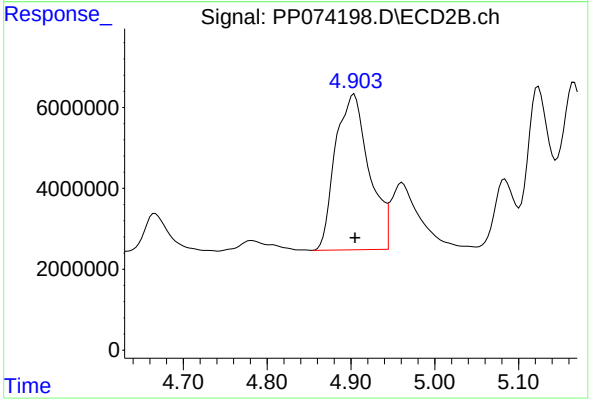
#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 82403417
Conc: 1754.03 ng/ml



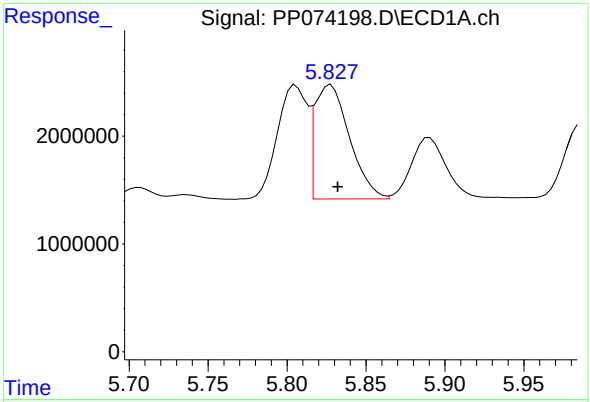
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 13951339
Conc: 374.37 ng/ml



#16 AR-1242-1

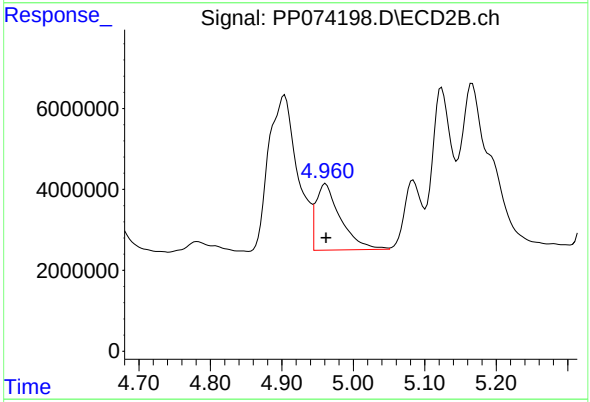
R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 107627908
Conc: 311.84 ng/ml



#17 AR-1242-2

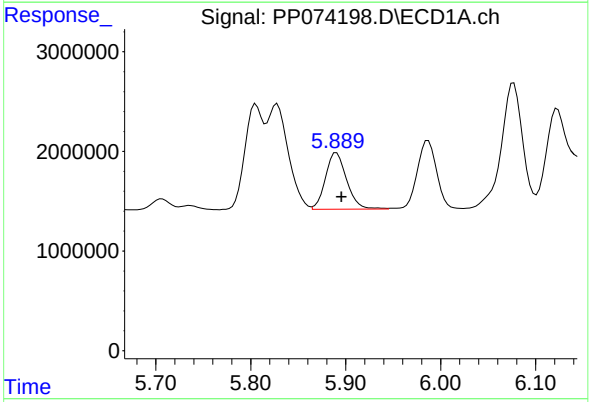
R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 16252691
Conc: 298.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



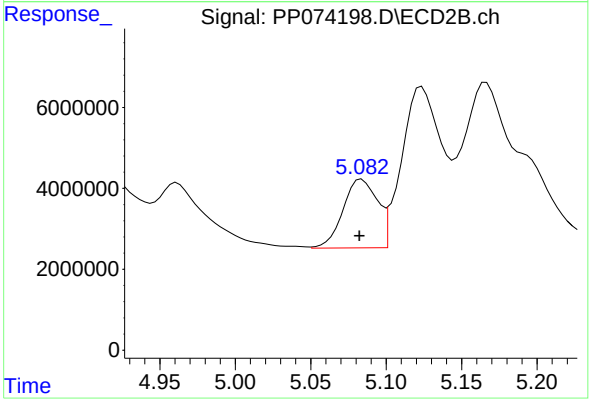
#17 AR-1242-2

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 39399964
Conc: 241.16 ng/ml



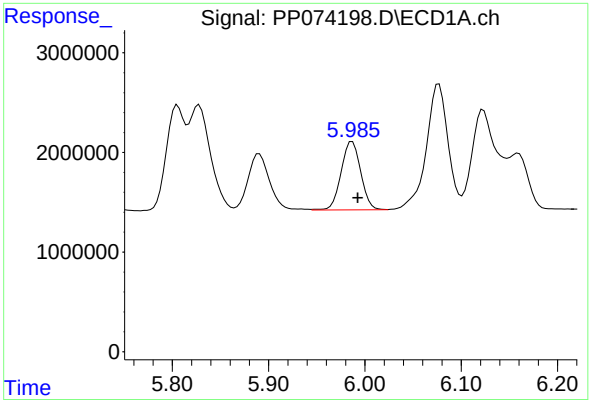
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 8800245
Conc: 246.26 ng/ml



#18 AR-1242-3

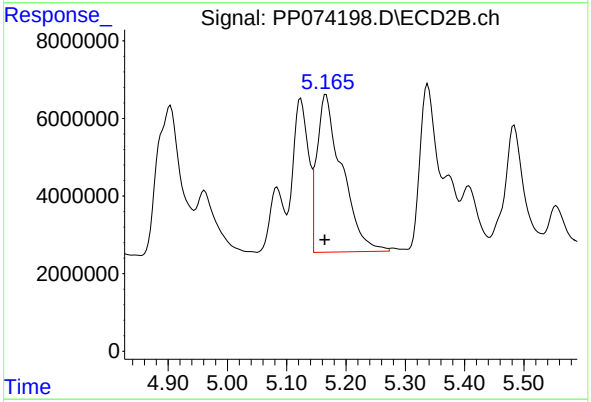
R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 27089196
Conc: 293.65 ng/ml



#19 AR-1242-4

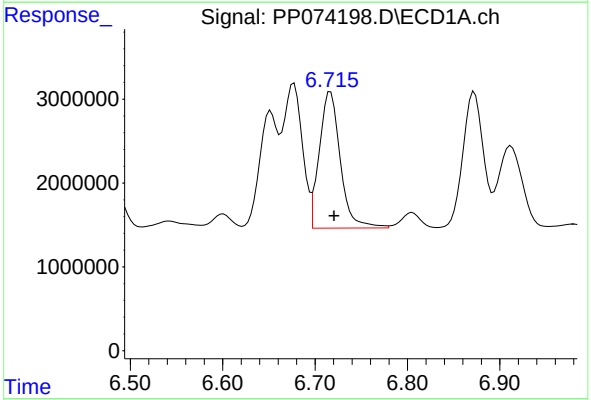
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 9702468
Conc: 332.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



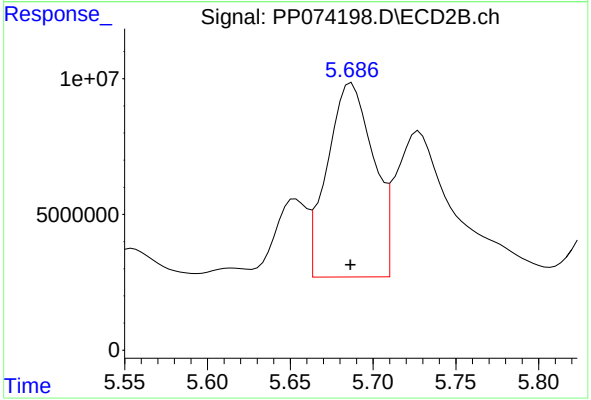
#19 AR-1242-4

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 119600410
Conc: 1001.50 ng/ml



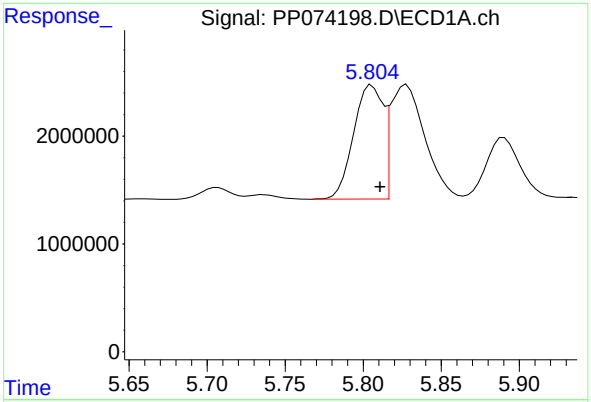
#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 25702187
Conc: 722.82 ng/ml



#20 AR-1242-5

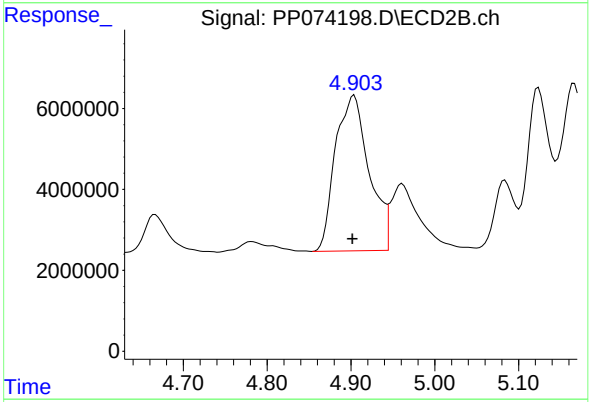
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 138282114
Conc: 924.59 ng/ml



#21 AR-1248-1

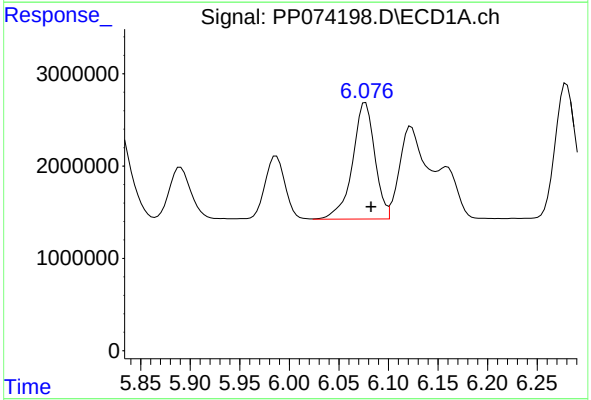
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 13951339
Conc: 498.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



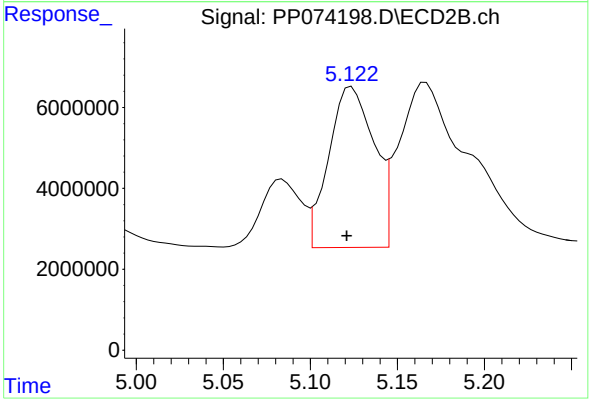
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 107627908
Conc: 503.09 ng/ml



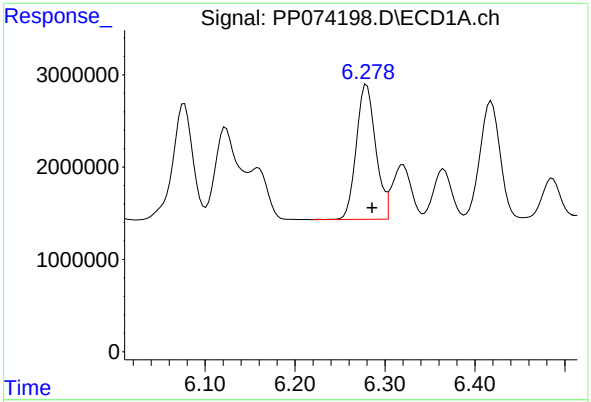
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 19721117
Conc: 489.83 ng/ml



#22 AR-1248-2

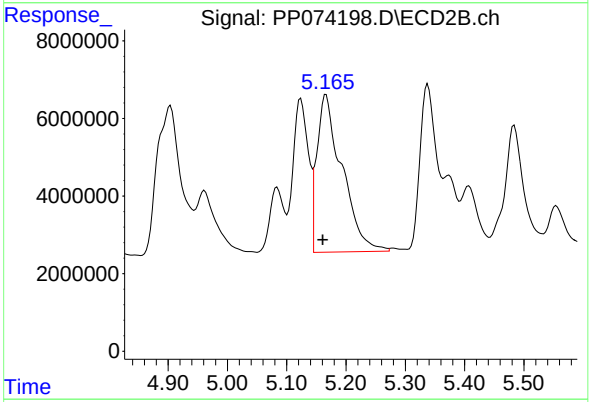
R.T.: 5.124 min
Delta R.T.: 0.003 min
Response: 71900356
Conc: 491.42 ng/ml



#23 AR-1248-3

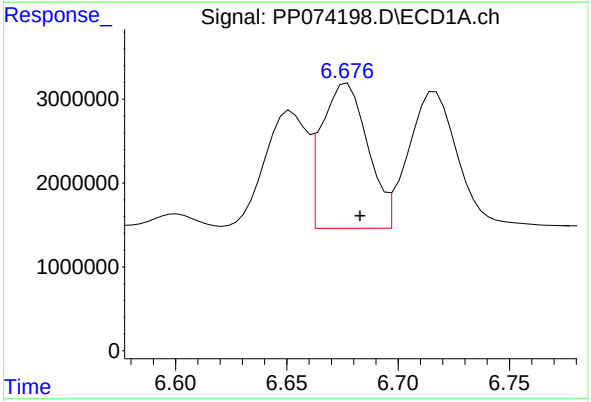
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 21866877
Conc: 490.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



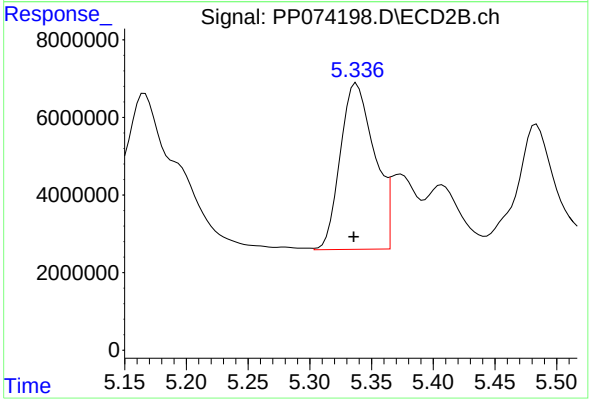
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: 0.005 min
Response: 119600410
Conc: 697.54 ng/ml



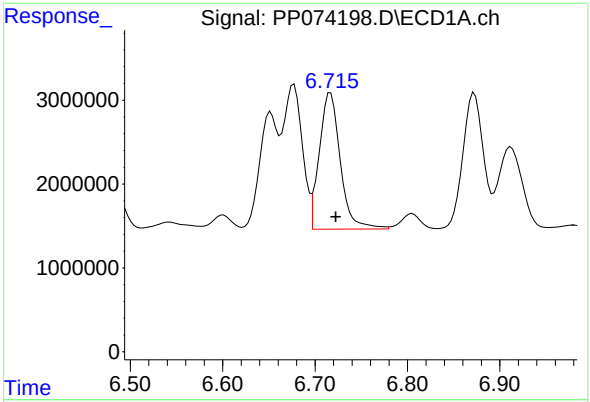
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 24961771
Conc: 479.69 ng/ml



#24 AR-1248-4

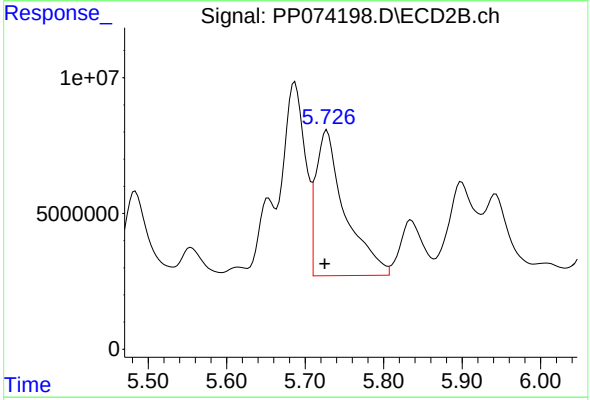
R.T.: 5.338 min
Delta R.T.: 0.002 min
Response: 82403417
Conc: 495.29 ng/ml



#25 AR-1248-5

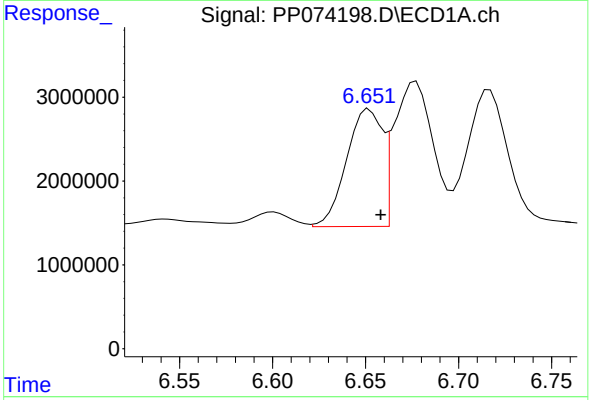
R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 25702187
Conc: 451.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



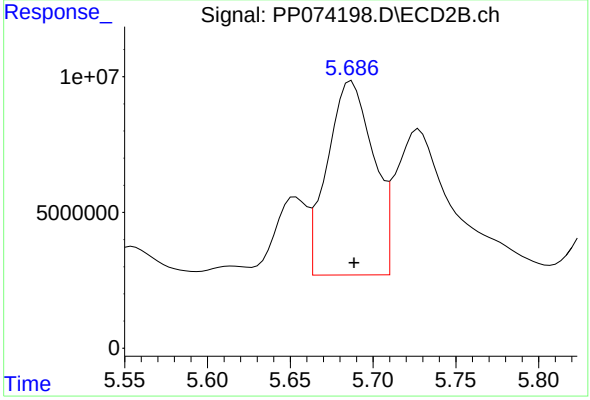
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: 0.003 min
Response: 138190942
Conc: 474.94 ng/ml



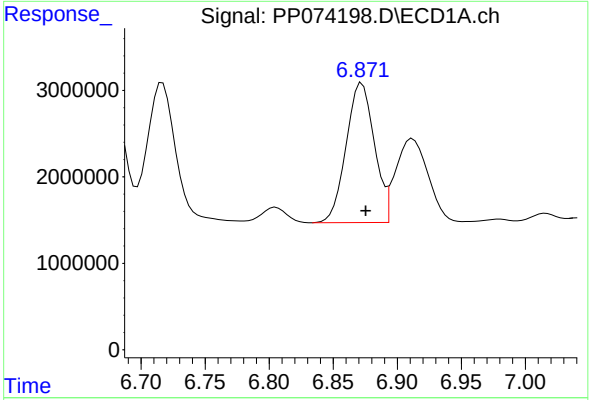
#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 18801746
Conc: 357.17 ng/ml



#26 AR-1254-1

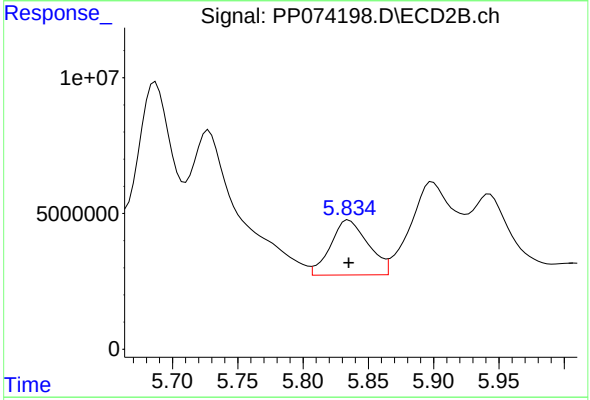
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 138282114
Conc: 377.63 ng/ml



#27 AR-1254-2

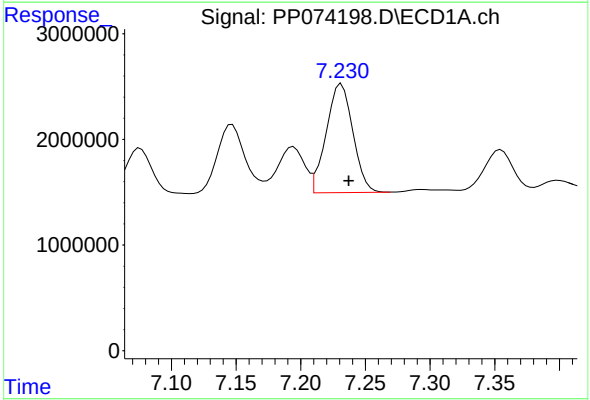
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 24743862
Conc: 311.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



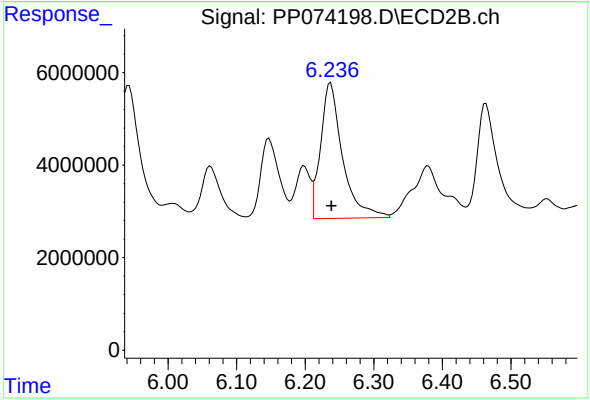
#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 40537134
Conc: 145.70 ng/ml



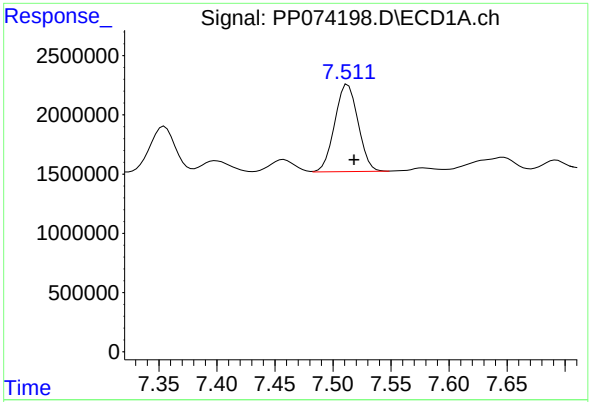
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 14735660
Conc: 168.76 ng/ml



#28 AR-1254-3

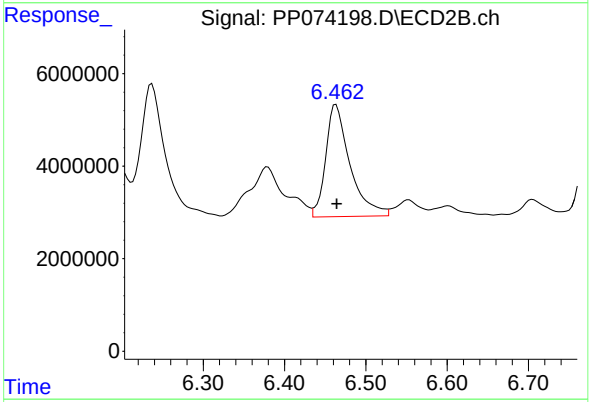
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 64978966
Conc: 132.82 ng/ml



#29 AR-1254-4

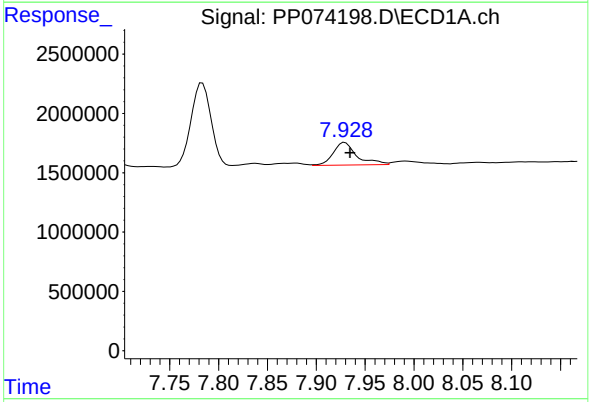
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 10302906
Conc: 161.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



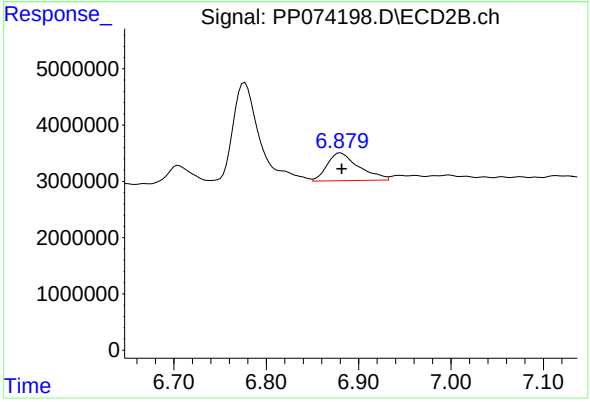
#29 AR-1254-4

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 50381758
Conc: 137.07 ng/ml



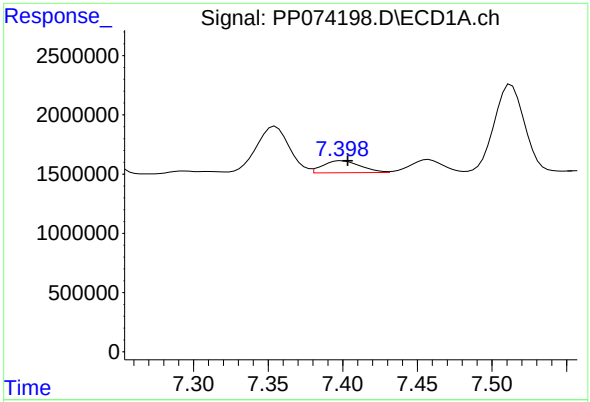
#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 3244004
Conc: 39.98 ng/ml



#30 AR-1254-5

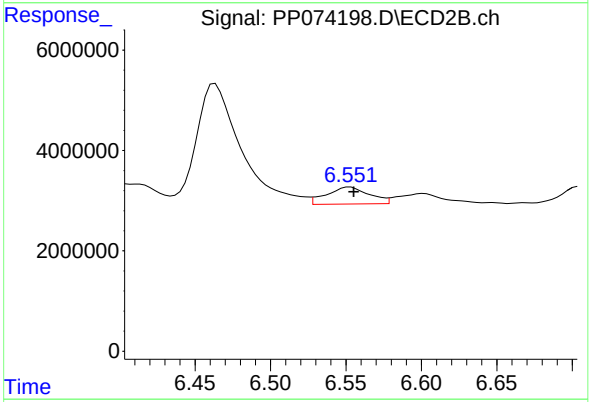
R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 11795878
Conc: 30.01 ng/ml



#31 AR-1260-1

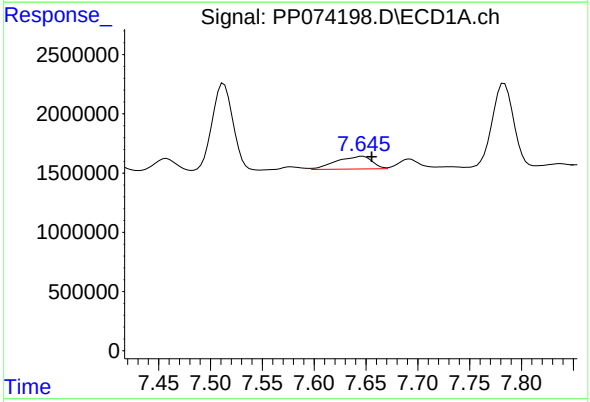
R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 1774018
Conc: 31.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



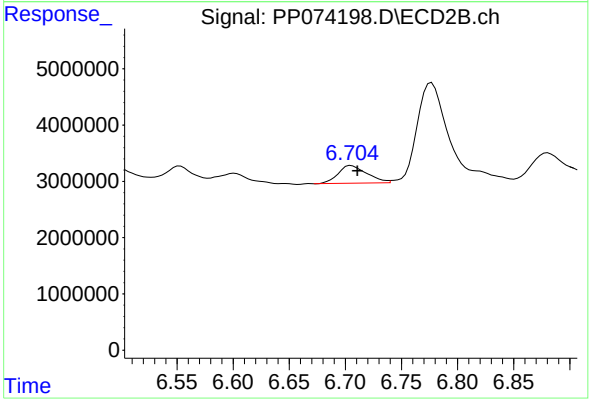
#31 AR-1260-1

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 6643855
Conc: 16.45 ng/ml



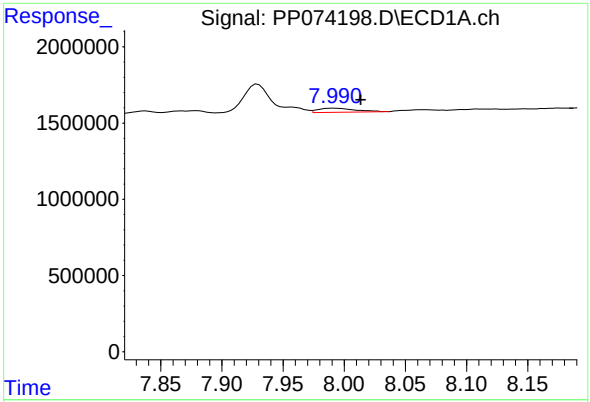
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: -0.009 min
Response: 2585395
Conc: 37.94 ng/ml



#32 AR-1260-2

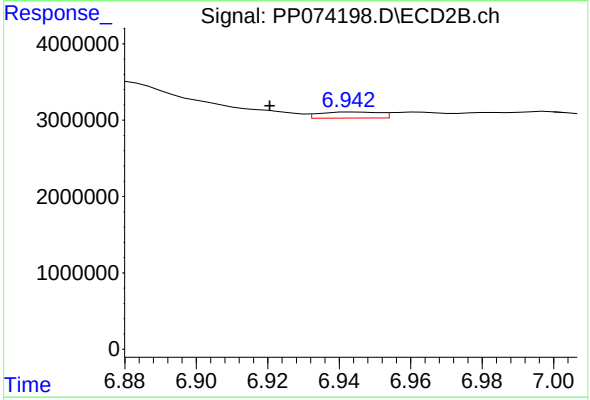
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 5608459
Conc: 17.94 ng/ml



#33 AR-1260-3

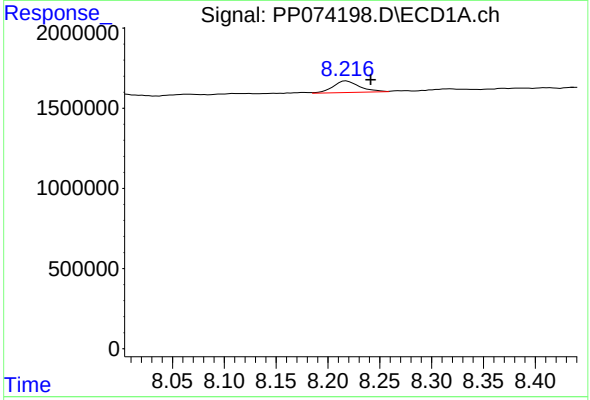
R.T.: 7.992 min
Delta R.T.: -0.022 min
Response: 551589
Conc: 10.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



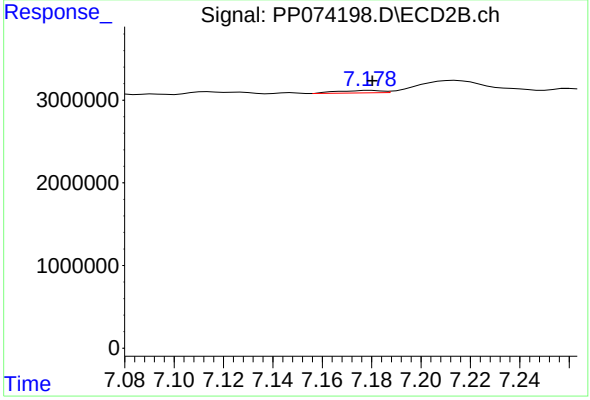
#33 AR-1260-3

R.T.: 6.944 min
Delta R.T.: 0.023 min
Response: 930831
Conc: 2.36 ng/ml



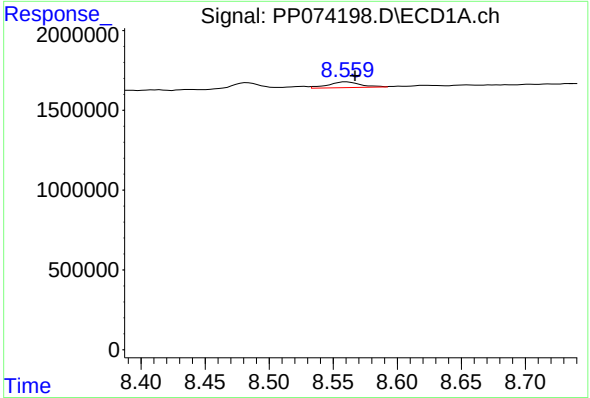
#34 AR-1260-4

R.T.: 8.218 min
Delta R.T.: -0.024 min
Response: 1285874
Conc: 20.54 ng/ml



#34 AR-1260-4

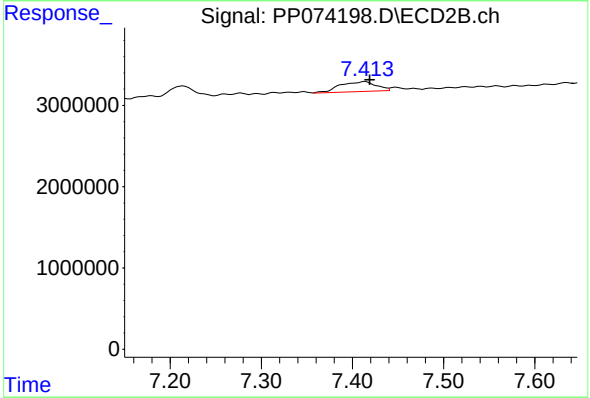
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 371059
Conc: 1.28 ng/ml



#35 AR-1260-5

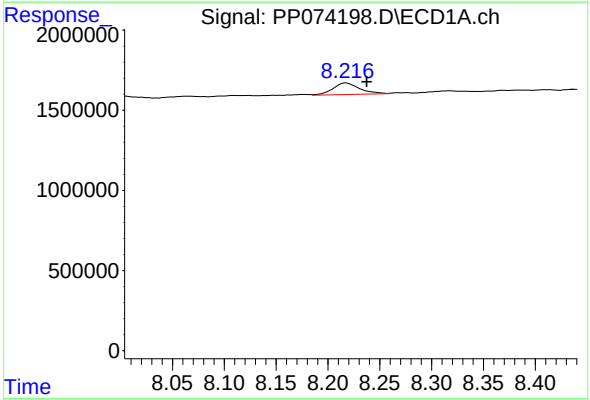
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 634334
Conc: 5.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



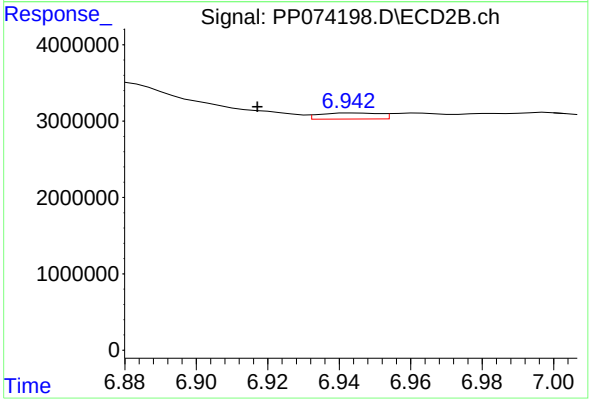
#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 3370499
Conc: 4.45 ng/ml



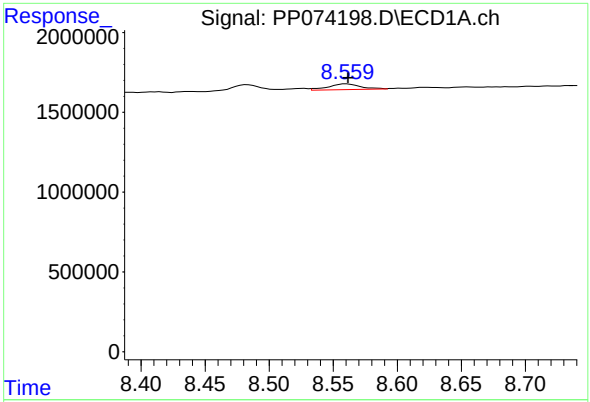
#36 AR-1262-1

R.T.: 8.218 min
Delta R.T.: -0.020 min
Response: 1285874
Conc: 16.97 ng/ml



#36 AR-1262-1

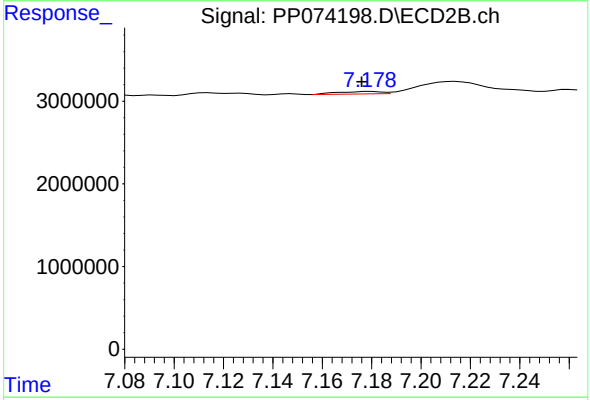
R.T.: 6.944 min
Delta R.T.: 0.027 min
Response: 930831
Conc: 1.65 ng/ml



#37 AR-1262-2

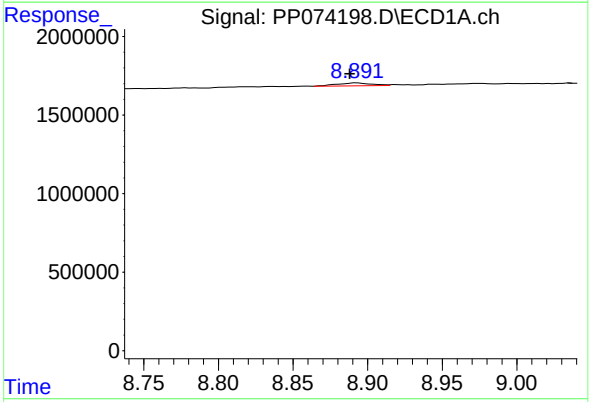
R.T.: 8.560 min
Delta R.T.: -0.001 min
Response: 634334
Conc: 4.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



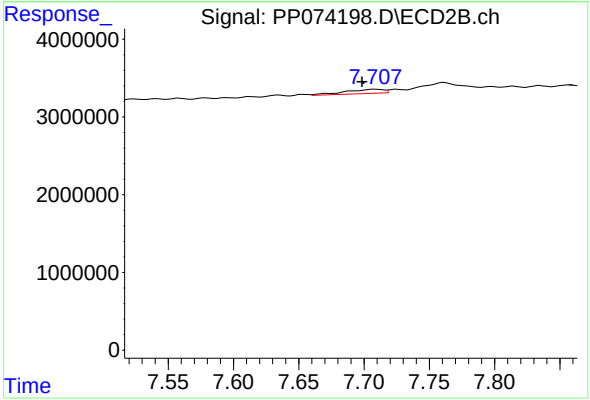
#37 AR-1262-2

R.T.: 7.180 min
Delta R.T.: 0.004 min
Response: 371059
Conc: 0.93 ng/ml



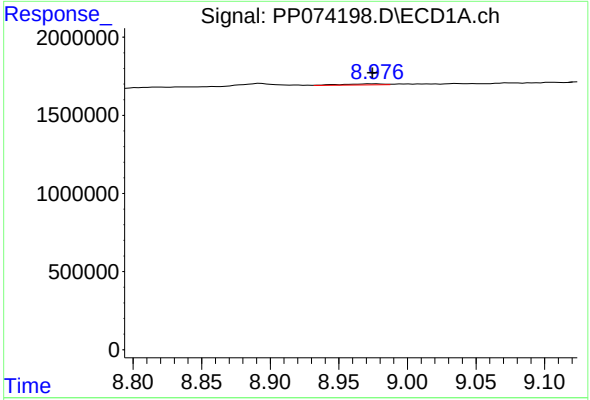
#38 AR-1262-3

R.T.: 8.893 min
Delta R.T.: 0.005 min
Response: 288755
Conc: 3.07 ng/ml



#38 AR-1262-3

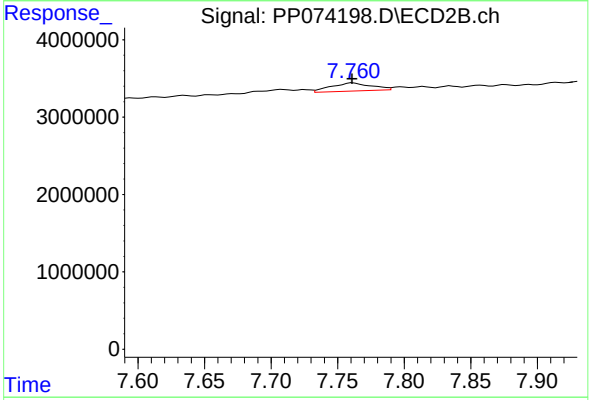
R.T.: 7.709 min
Delta R.T.: 0.010 min
Response: 1070831
Conc: 2.98 ng/ml



#39 AR-1262-4

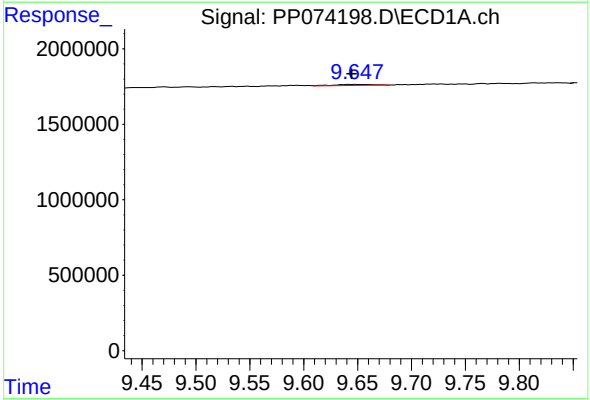
R.T.: 8.977 min
Delta R.T.: 0.003 min
Response: 139747
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



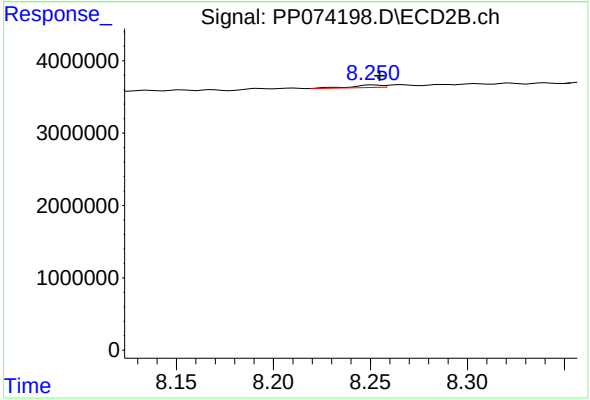
#39 AR-1262-4

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 2246909
Conc: 3.37 ng/ml



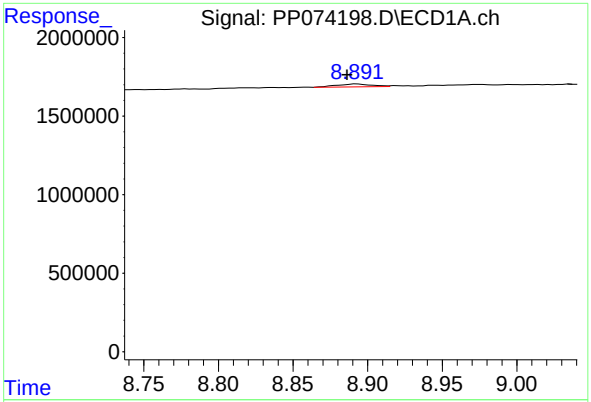
#40 AR-1262-5

R.T.: 9.649 min
Delta R.T.: 0.004 min
Response: 183150
Conc: 3.60 ng/ml



#40 AR-1262-5

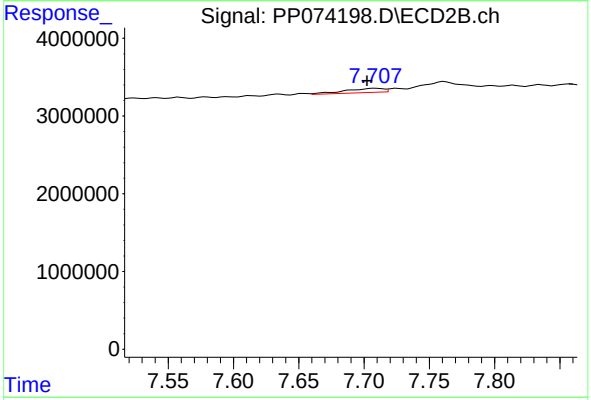
R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 374345
Conc: 1.32 ng/ml



#41 AR-1268-1

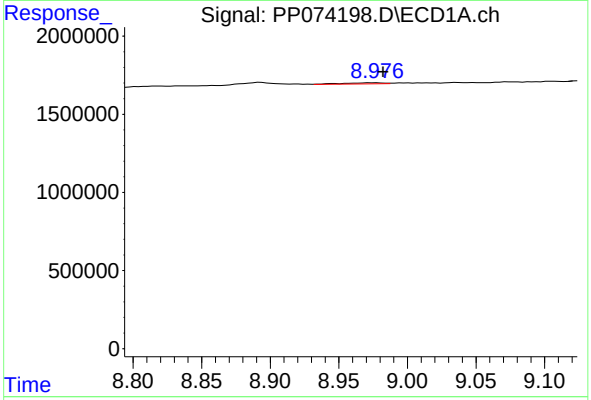
R.T.: 8.893 min
Delta R.T.: 0.006 min
Response: 288755
Conc: 1.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



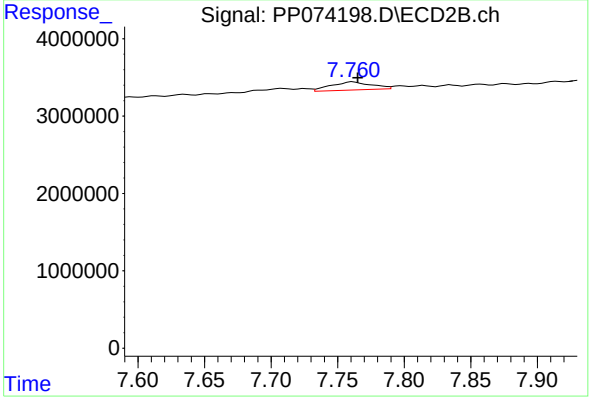
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.006 min
Response: 1070831
Conc: 0.98 ng/ml



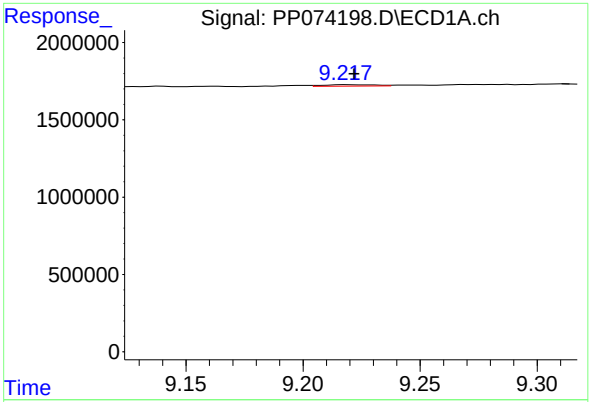
#42 AR-1268-2

R.T.: 8.977 min
Delta R.T.: -0.005 min
Response: 139747
Conc: 0.97 ng/ml



#42 AR-1268-2

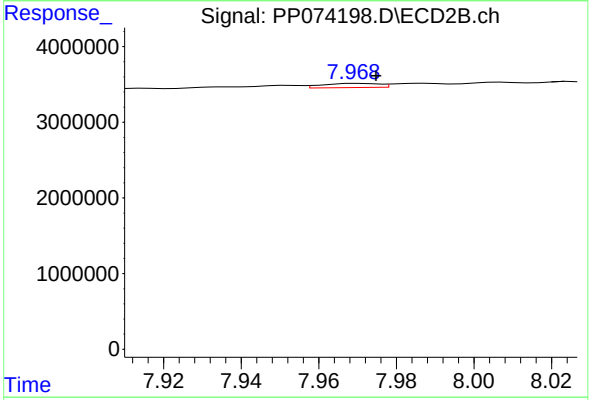
R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 2246909
Conc: 2.12 ng/ml



#43 AR-1268-3

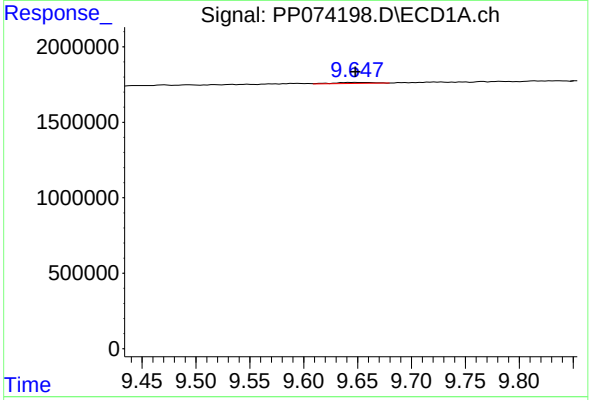
R.T.: 9.218 min
Delta R.T.: -0.003 min
Response: 135596
Conc: 1.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



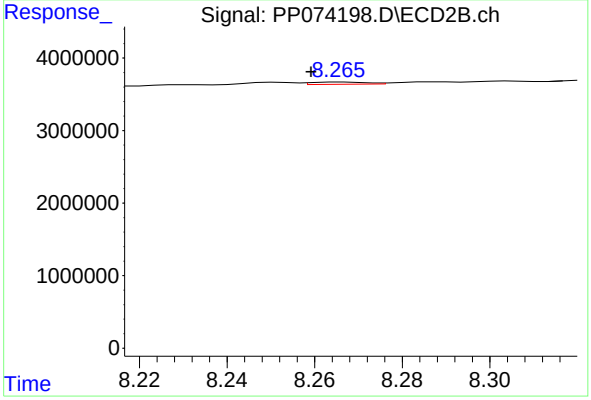
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: -0.005 min
Response: 547484
Conc: 0.66 ng/ml



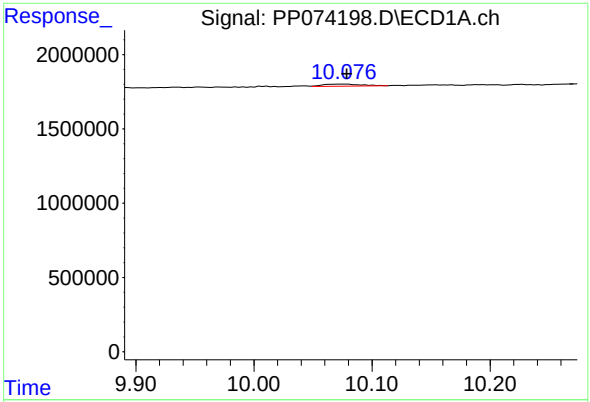
#44 AR-1268-4

R.T.: 9.649 min
Delta R.T.: 0.001 min
Response: 183150
Conc: 3.11 ng/ml



#44 AR-1268-4

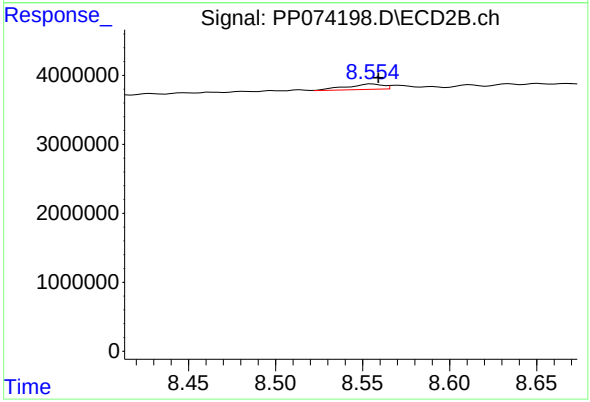
R.T.: 8.266 min
Delta R.T.: 0.007 min
Response: 263062
Conc: 0.85 ng/ml



#45 AR-1268-5

R.T.: 10.077 min
Delta R.T.: -0.001 min
Response: 322560
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: -0.003 min
Response: 1148289
Conc: 0.45 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.

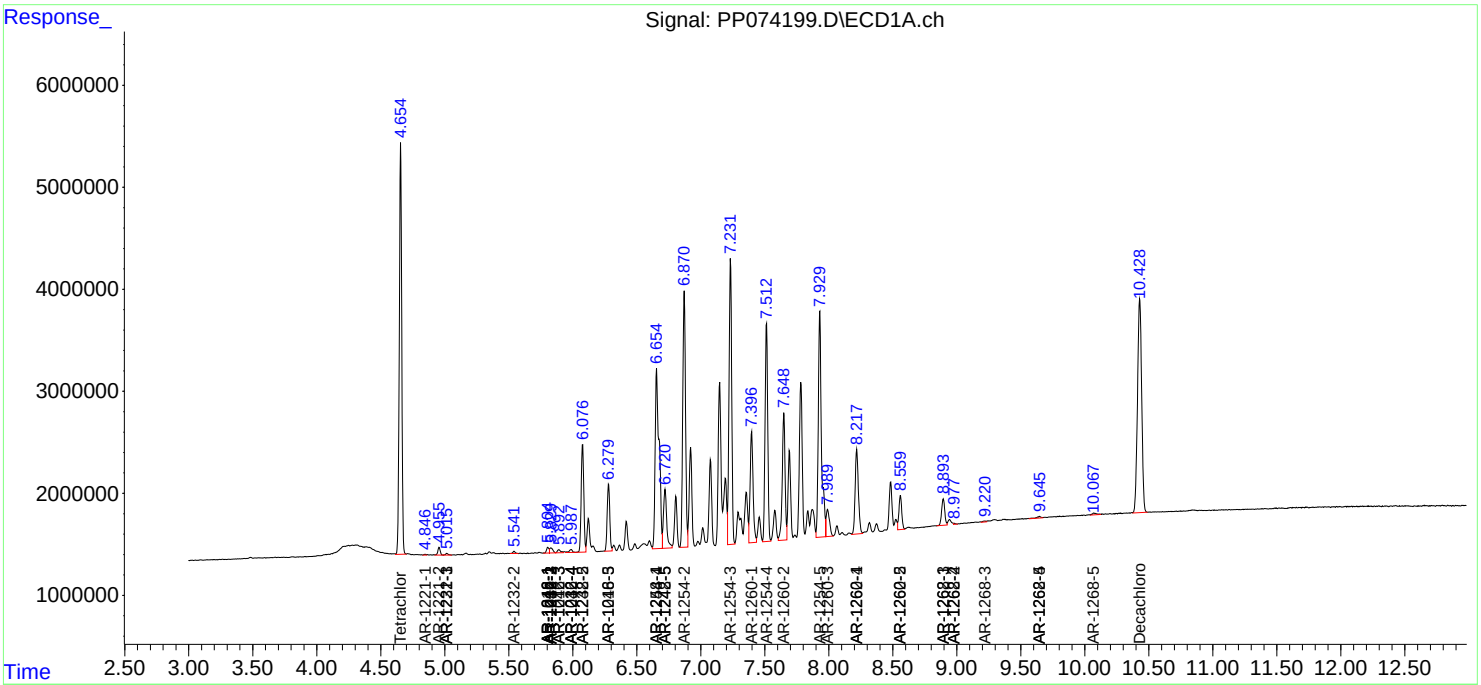
Quantitation Report (Not Reviewed)

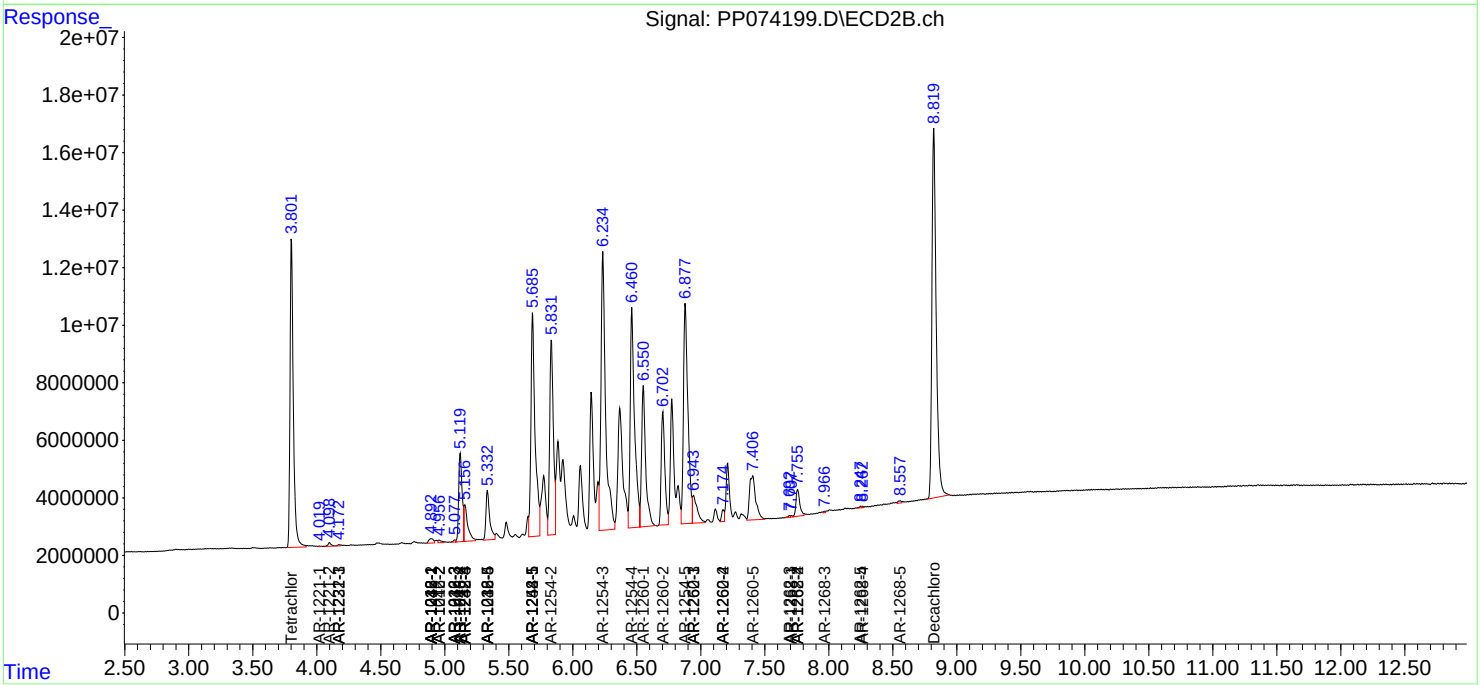
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

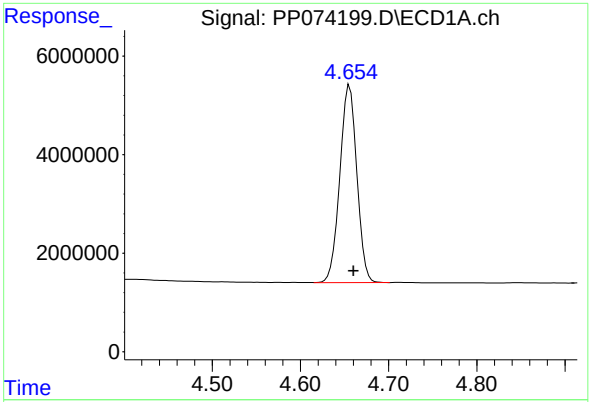
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

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



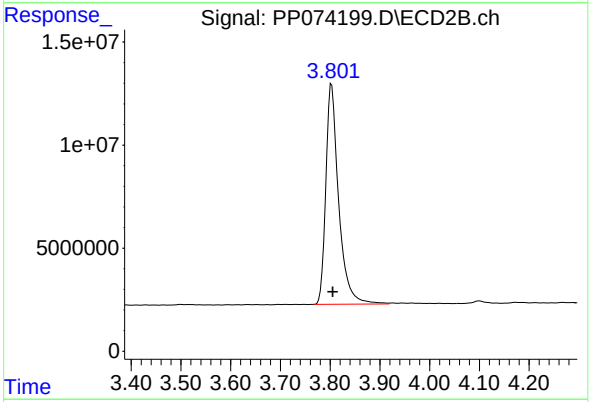




#1 Tetrachloro-m-xylene

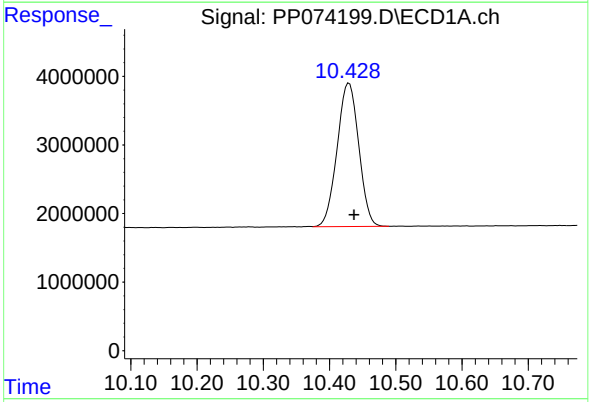
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



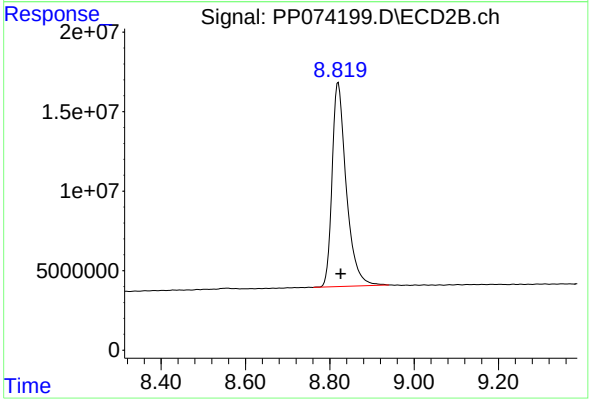
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 191609515
Conc: 49.97 ng/ml



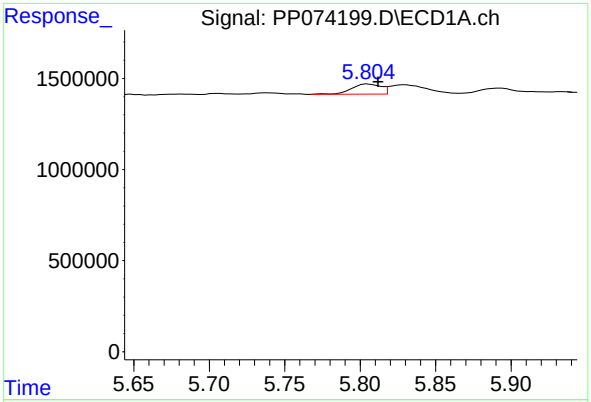
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

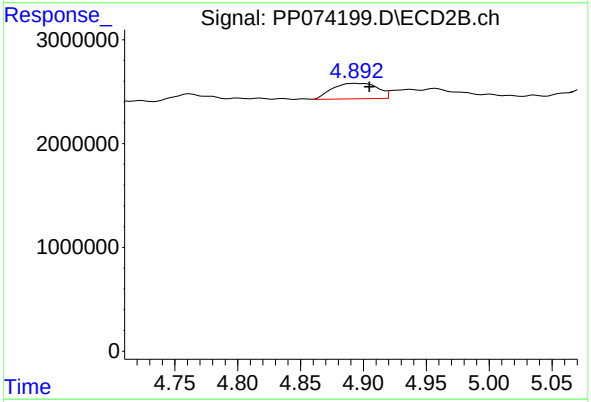
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



#3 AR-1016-1

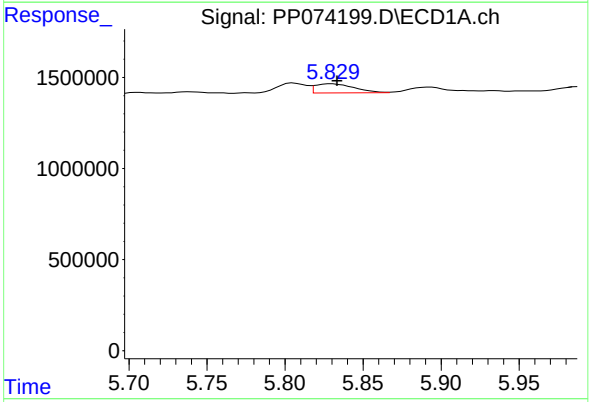
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 745970
Conc: 18.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



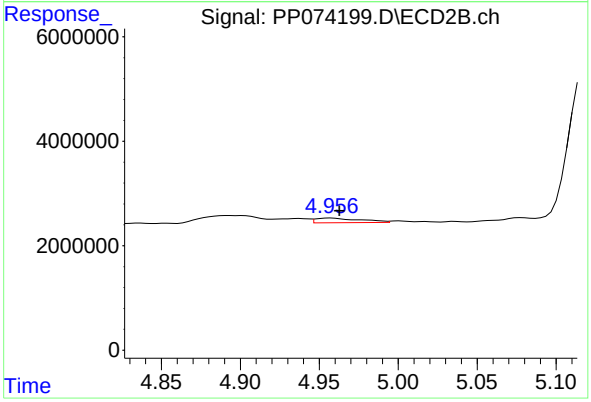
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 9.35 ng/ml



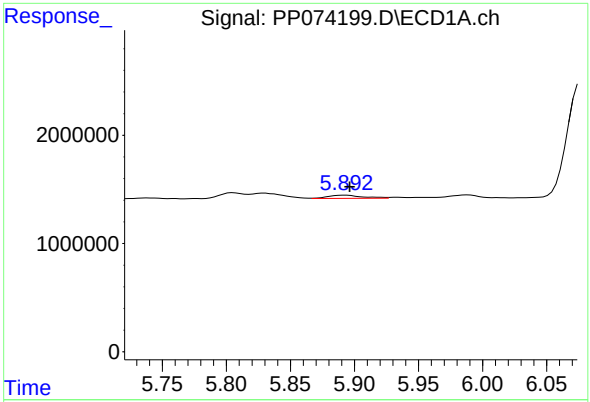
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 872142
Conc: 14.36 ng/ml



#4 AR-1016-2

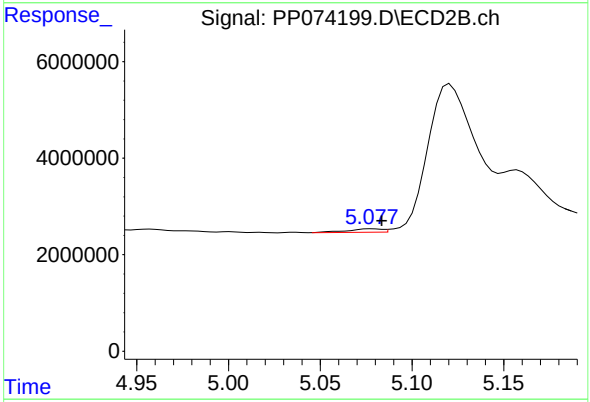
R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 9.23 ng/ml



#5 AR-1016-3

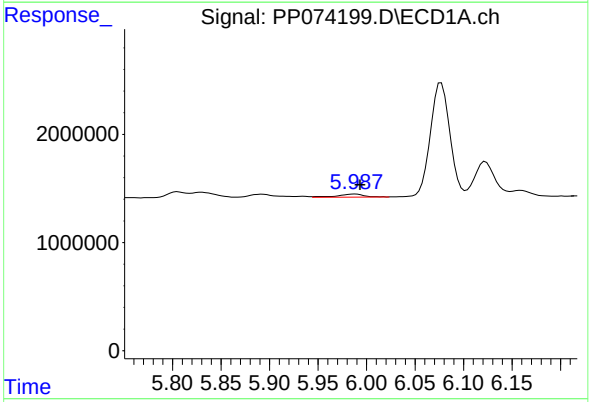
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 556819
Conc: 14.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



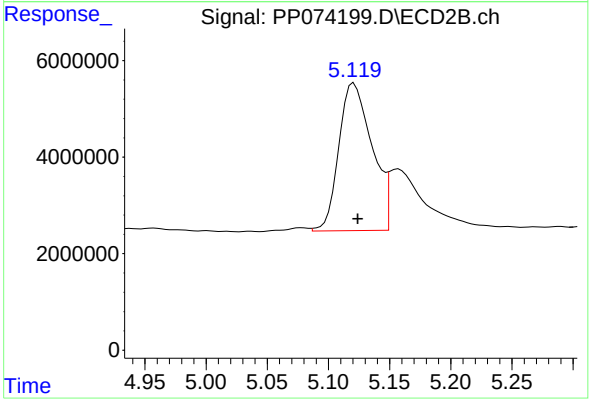
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 966758
Conc: 9.11 ng/ml



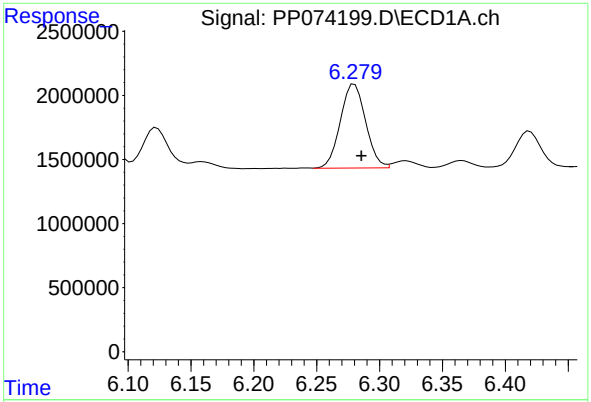
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 527061
Conc: 16.20 ng/ml



#6 AR-1016-4

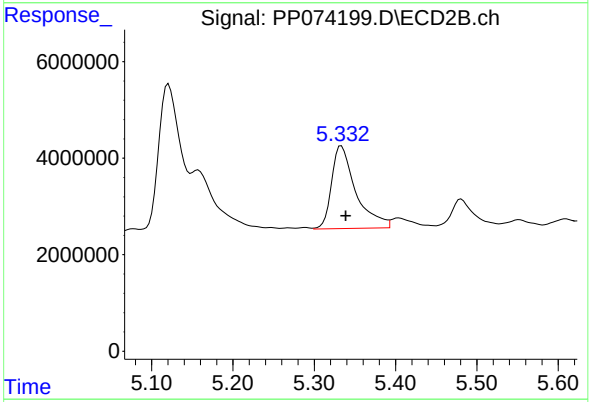
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 57719879
Conc: 528.47 ng/ml



#7 AR-1016-5

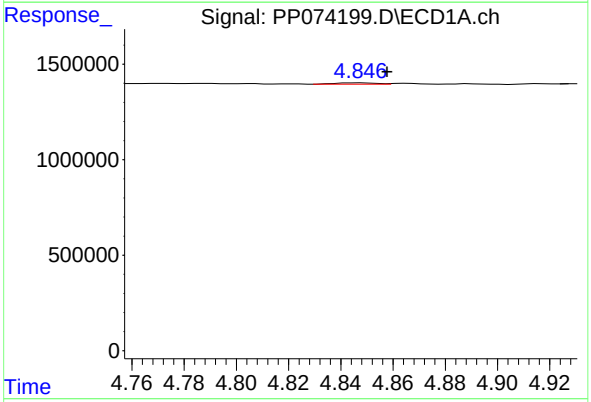
R.T.: 6.280 min
Delta R.T.: -0.005 min
Response: 9175288
Conc: 282.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



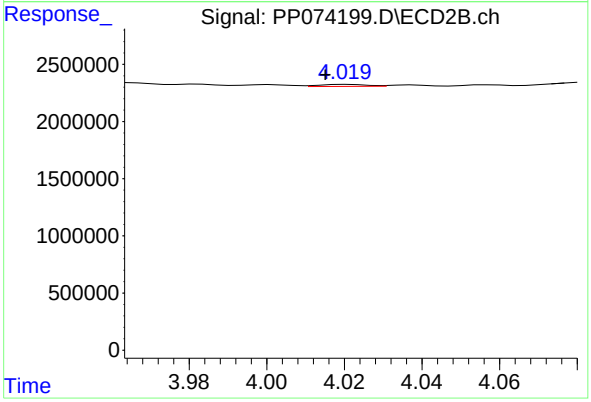
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 35534075
Conc: 303.81 ng/ml



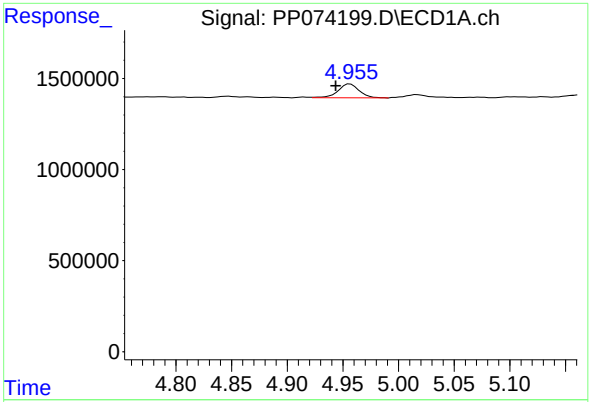
#8 AR-1221-1

R.T.: 4.848 min
Delta R.T.: -0.010 min
Response: 78676
Conc: 4.69 ng/ml



#8 AR-1221-1

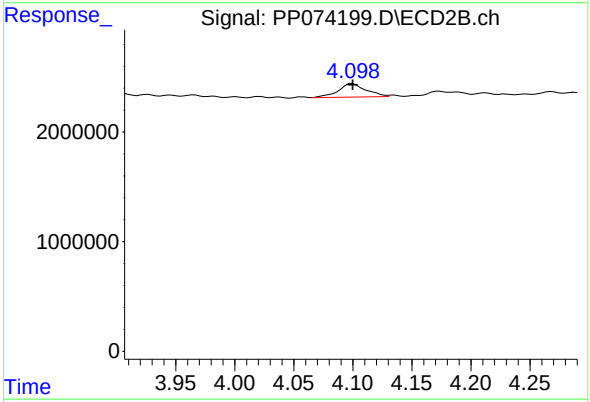
R.T.: 4.021 min
Delta R.T.: 0.006 min
Response: 154196
Conc: 3.14 ng/ml



#9 AR-1221-2

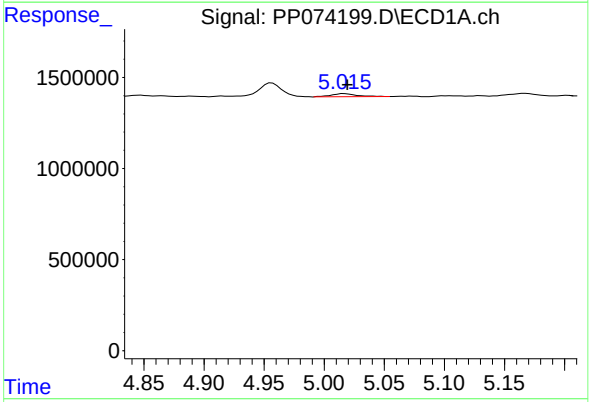
R.T.: 4.957 min
Delta R.T.: 0.013 min
Response: 993840
Conc: 78.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



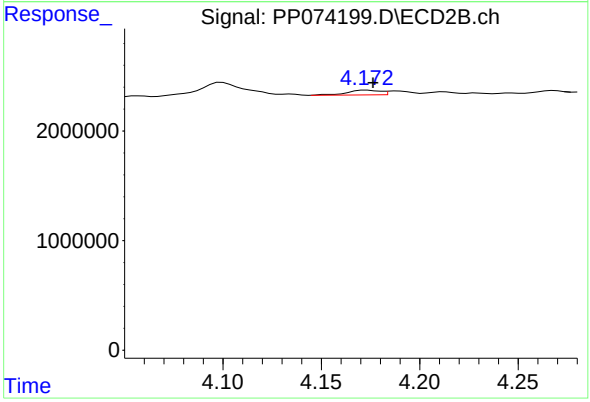
#9 AR-1221-2

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 2037869
Conc: 56.78 ng/ml



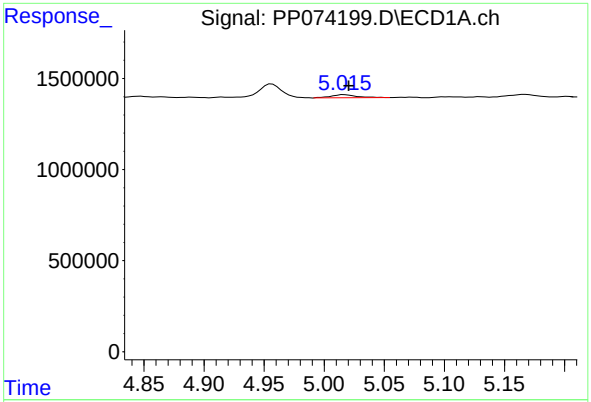
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 244539
Conc: 6.67 ng/ml



#10 AR-1221-3

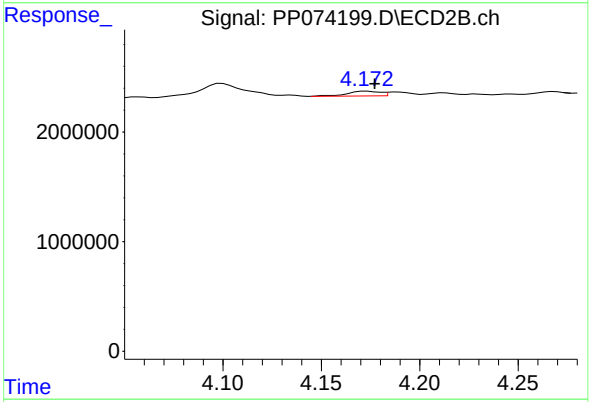
R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 504753
Conc: 3.73 ng/ml



#11 AR-1232-1

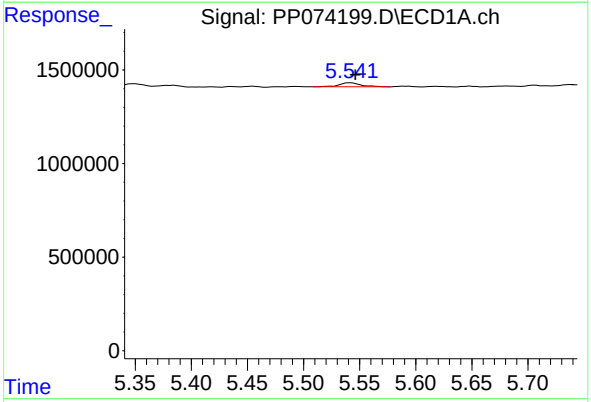
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 244539
Conc: 8.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



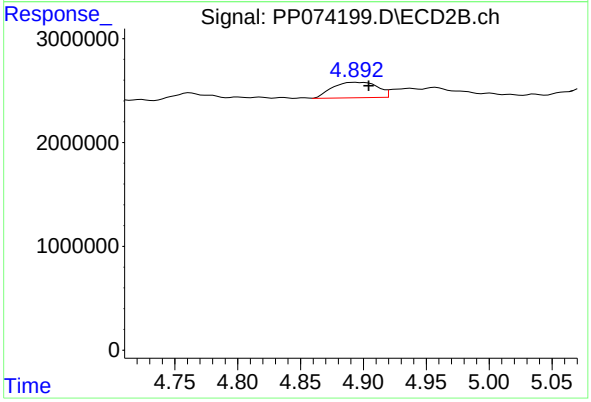
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: -0.004 min
Response: 504753
Conc: 4.98 ng/ml



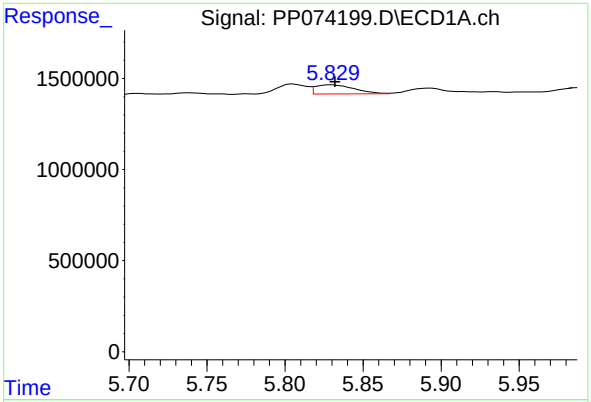
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 289072
Conc: 19.22 ng/ml



#12 AR-1232-2

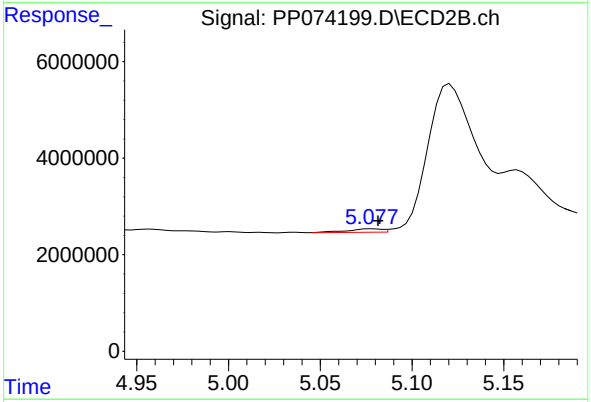
R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 21.41 ng/ml



#13 AR-1232-3

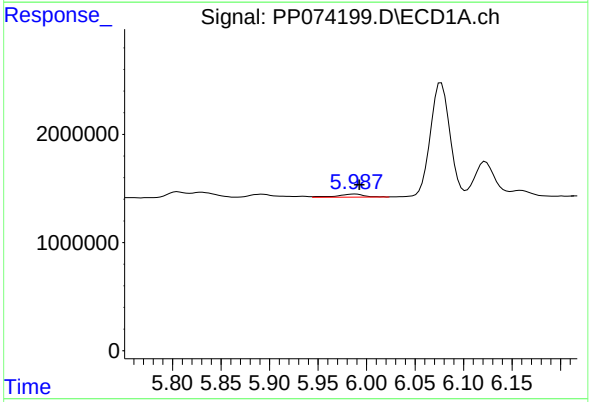
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 30.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



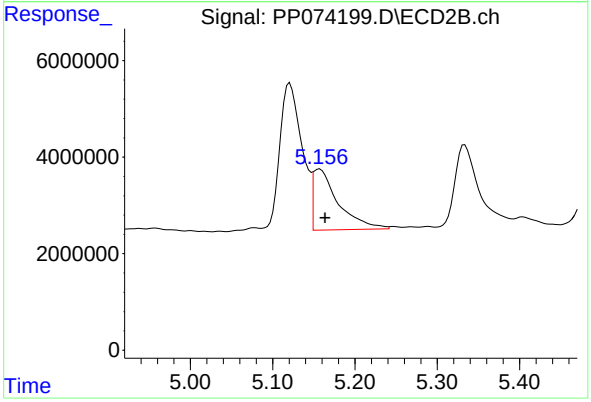
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 966758
Conc: 21.10 ng/ml



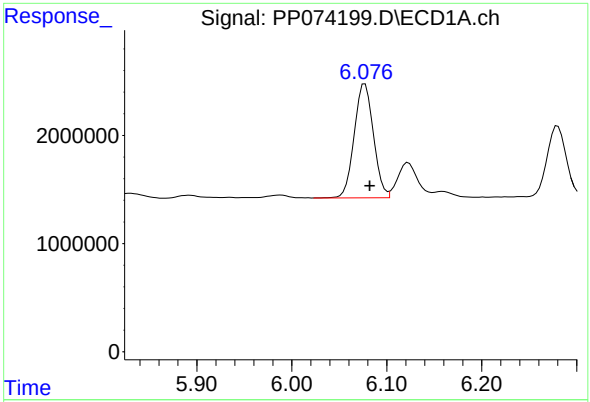
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 34.07 ng/ml



#14 AR-1232-4

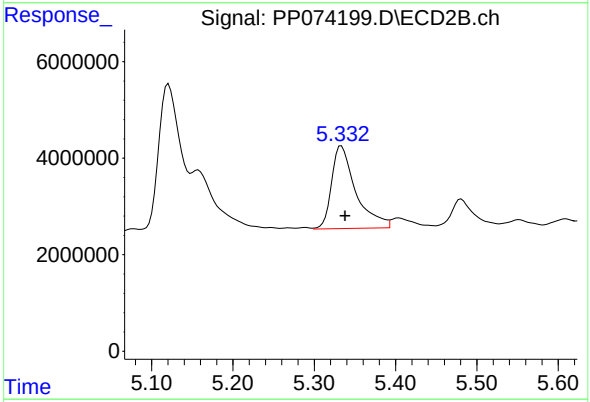
R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 26883268
Conc: 463.42 ng/ml



#15 AR-1232-5

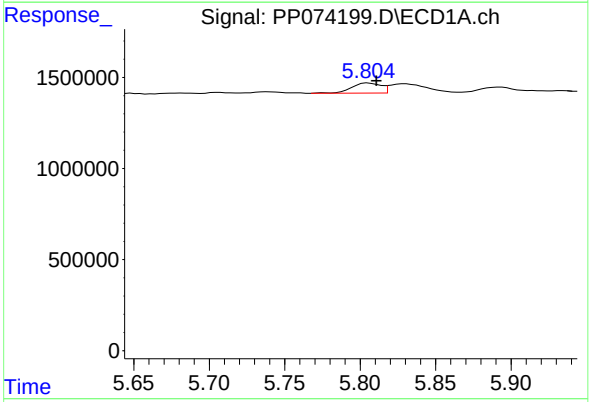
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 14812614
Conc: 1264.31 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



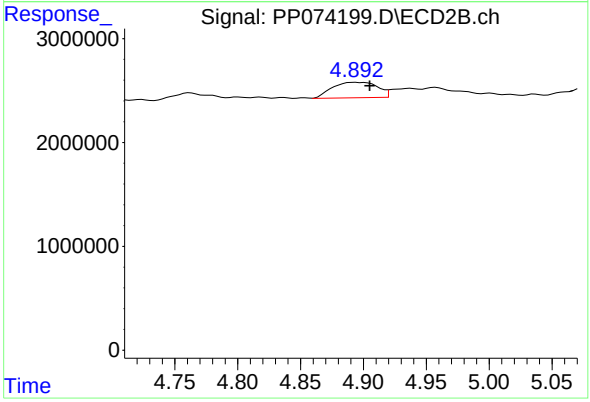
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 35534075
Conc: 756.37 ng/ml



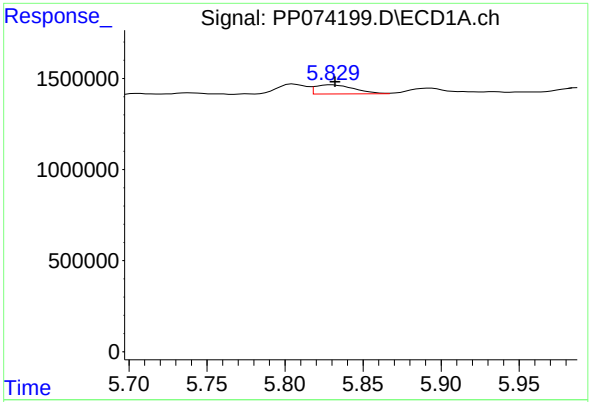
#16 AR-1242-1

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 20.02 ng/ml



#16 AR-1242-1

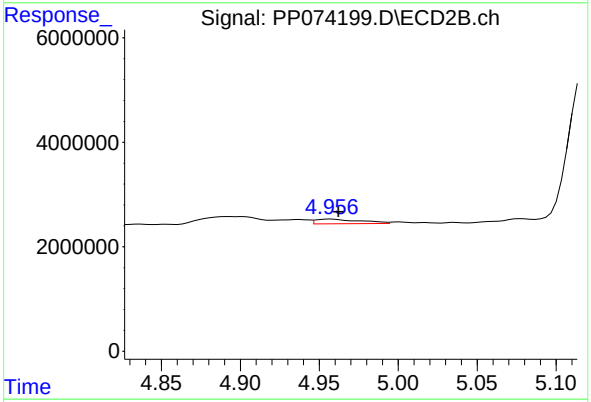
R.T.: 4.893 min
Delta R.T.: -0.012 min
Response: 3731555
Conc: 10.81 ng/ml



#17 AR-1242-2

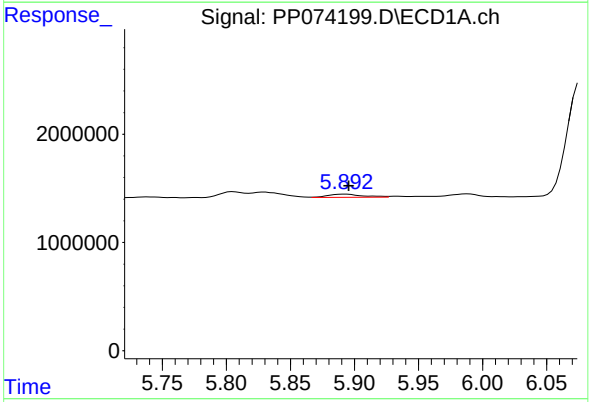
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 16.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



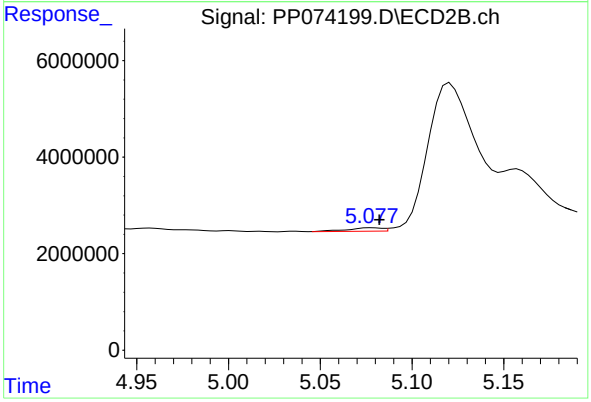
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 10.61 ng/ml



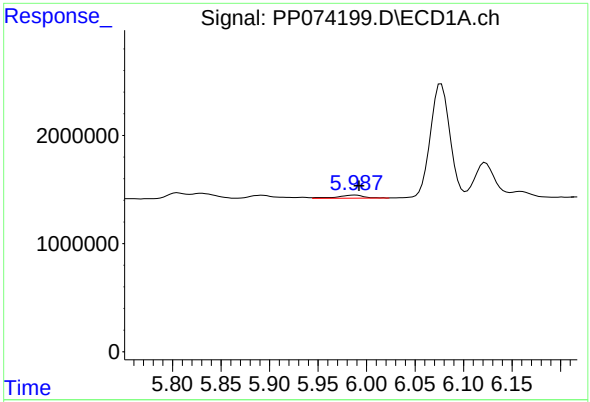
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 556819
Conc: 15.58 ng/ml



#18 AR-1242-3

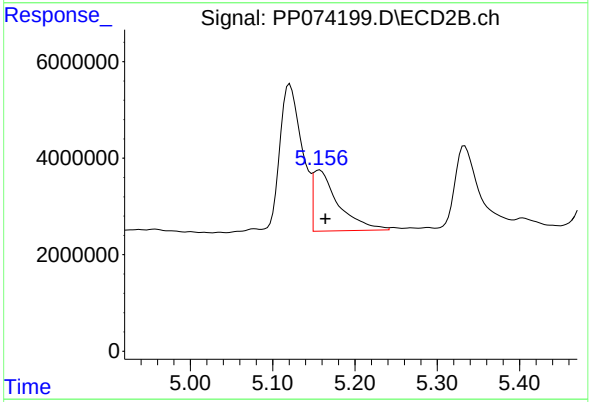
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 966758
Conc: 10.48 ng/ml



#19 AR-1242-4

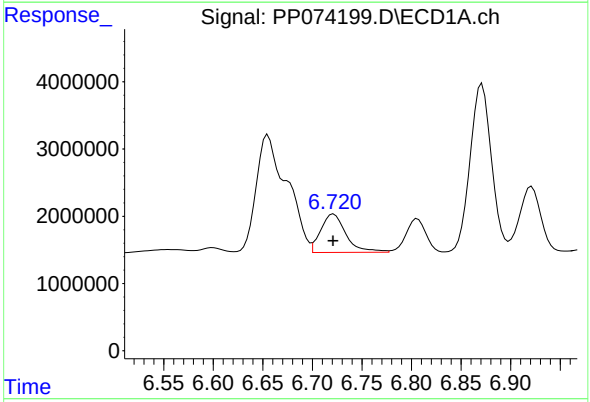
R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 18.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



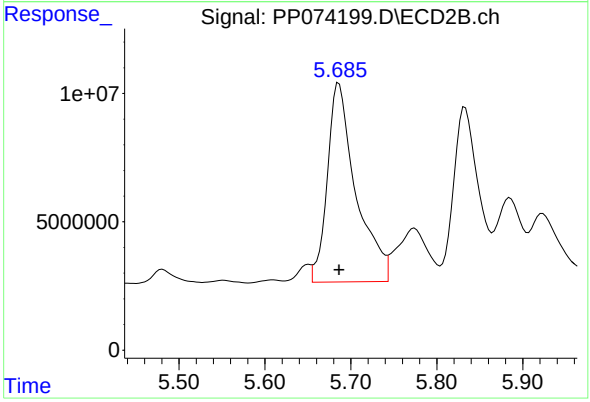
#19 AR-1242-4

R.T.: 5.157 min
Delta R.T.: -0.007 min
Response: 26883268
Conc: 225.11 ng/ml



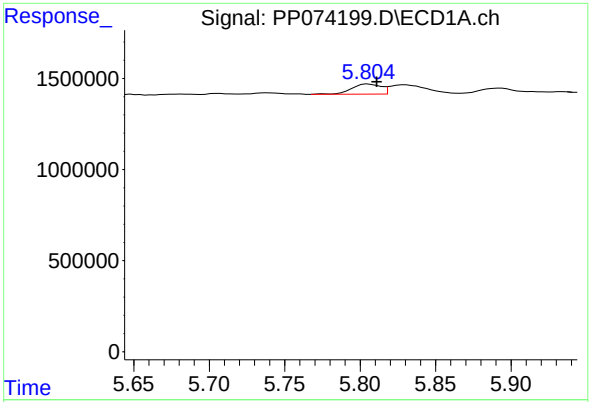
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 10174999
Conc: 286.15 ng/ml



#20 AR-1242-5

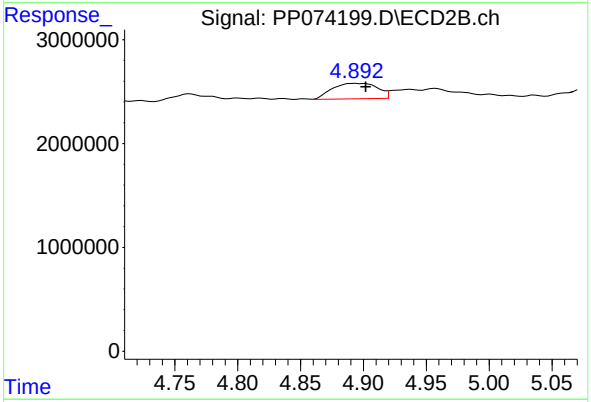
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 178511104
Conc: 1193.58 ng/ml



#21 AR-1248-1

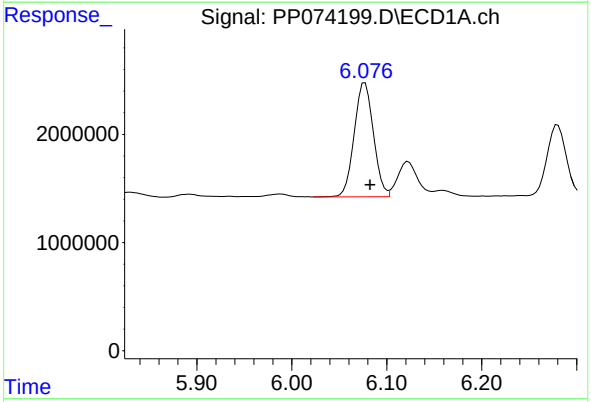
R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 26.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



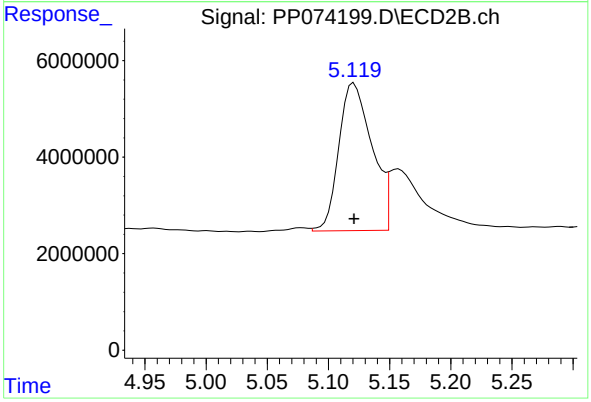
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.008 min
Response: 3731555
Conc: 17.44 ng/ml



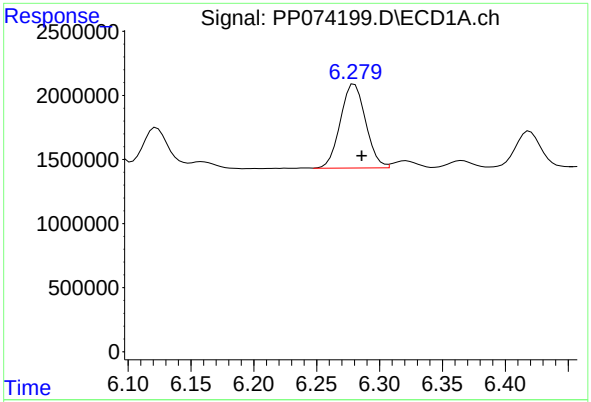
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 14812614
Conc: 367.91 ng/ml



#22 AR-1248-2

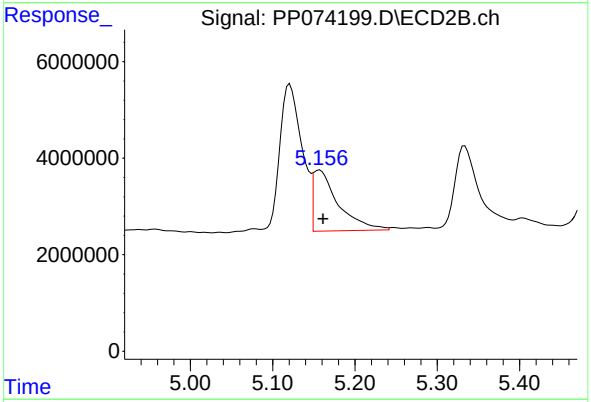
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 57719879
Conc: 394.50 ng/ml



#23 AR-1248-3

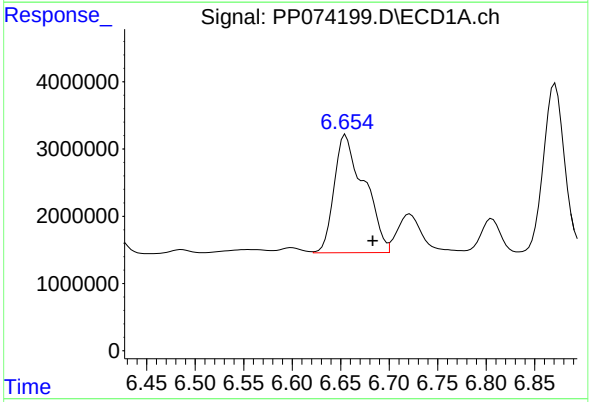
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 9175288
Conc: 205.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



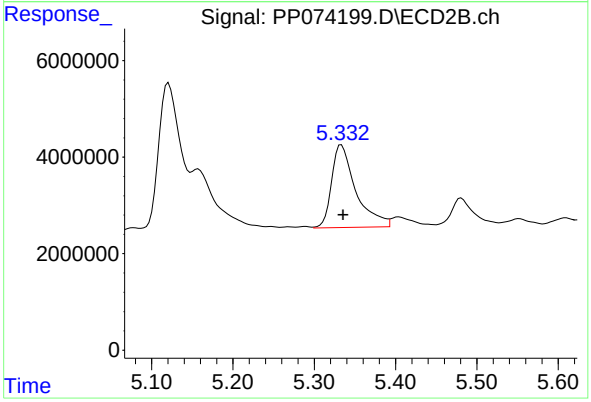
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 26883268
Conc: 156.79 ng/ml



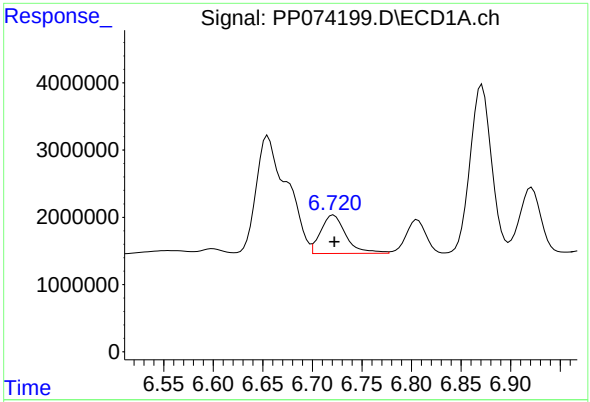
#24 AR-1248-4

R.T.: 6.655 min
Delta R.T.: -0.028 min
Response: 37990866
Conc: 730.07 ng/ml



#24 AR-1248-4

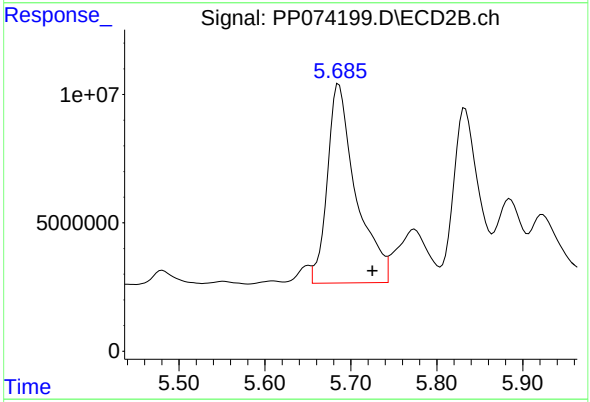
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 35534075
Conc: 213.58 ng/ml



#25 AR-1248-5

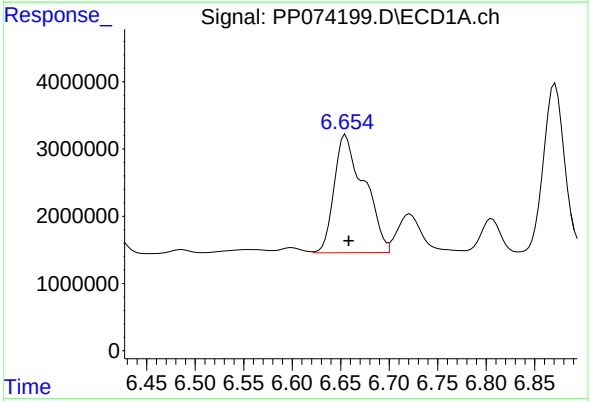
R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 10174999
Conc: 178.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



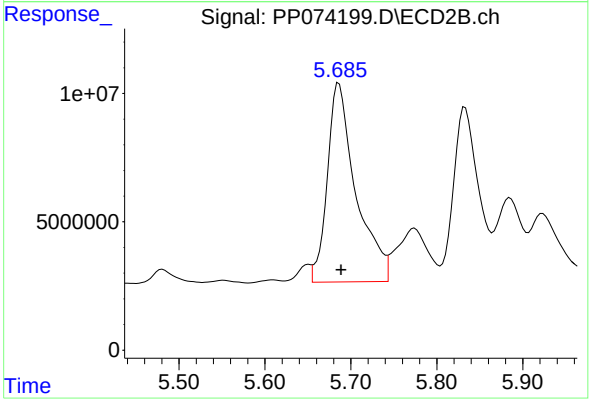
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.039 min
Response: 178511104
Conc: 613.51 ng/ml



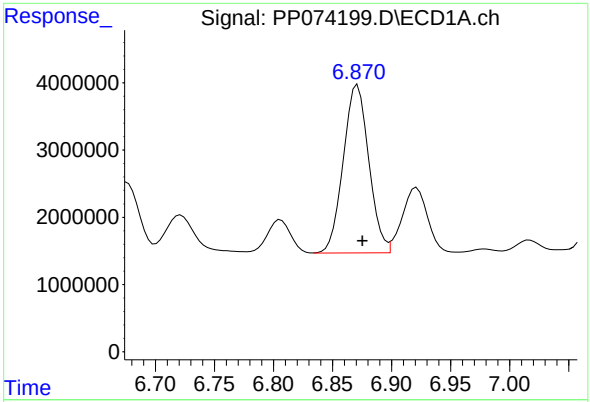
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 37990866
Conc: 721.70 ng/ml



#26 AR-1254-1

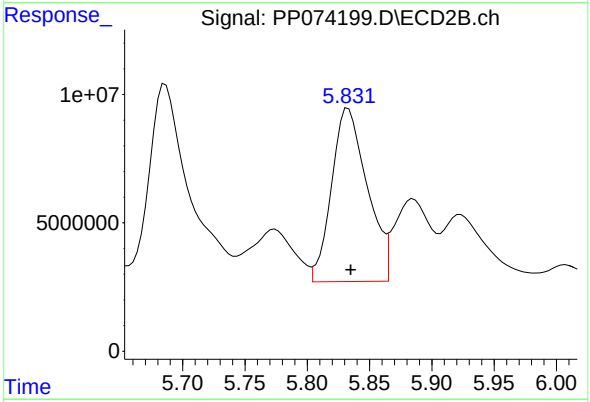
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



#27 AR-1254-2

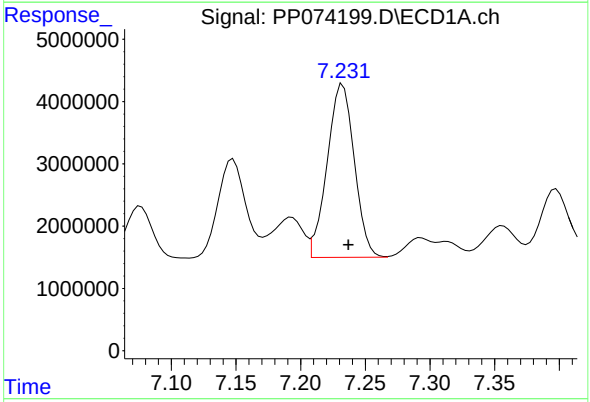
R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



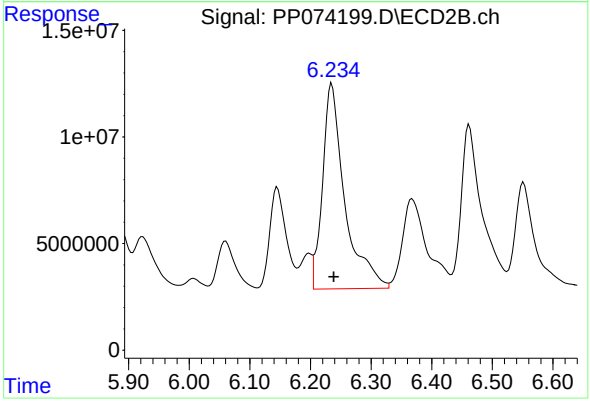
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



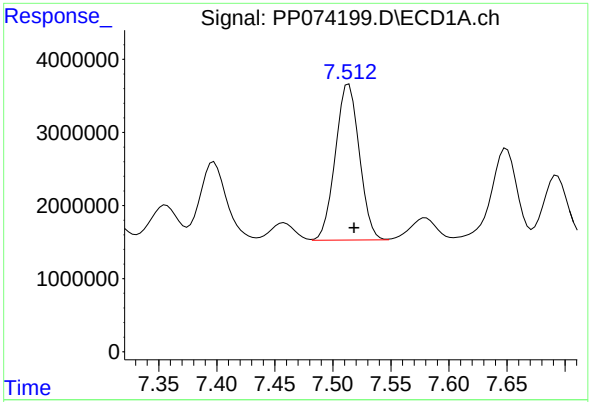
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml



#28 AR-1254-3

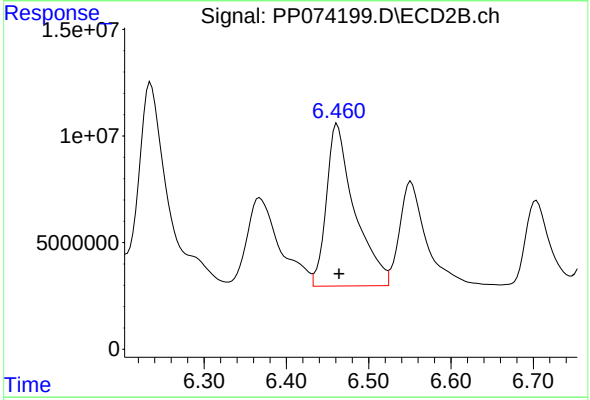
R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



#29 AR-1254-4

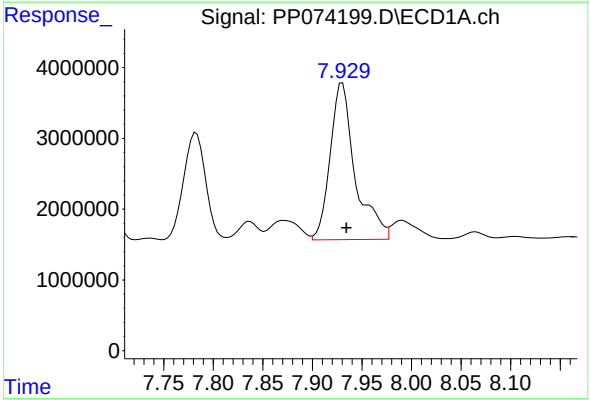
R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



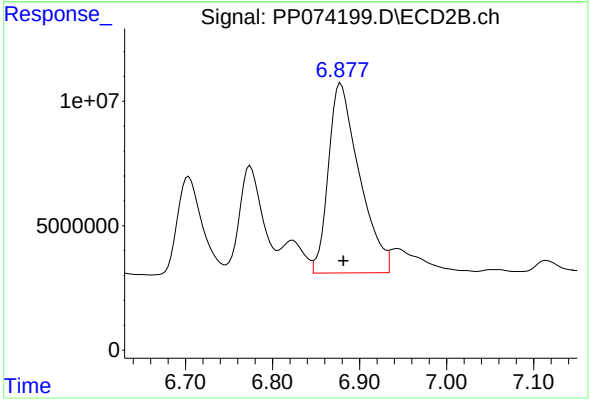
#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



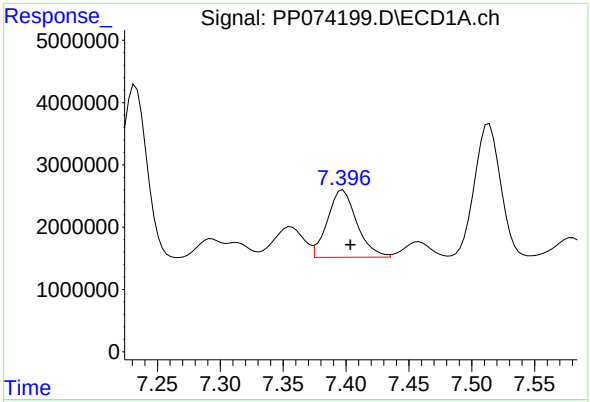
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml



#30 AR-1254-5

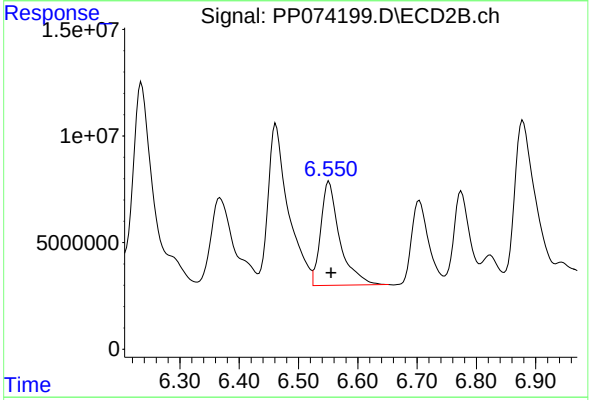
R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 188193102
Conc: 478.75 ng/ml



#31 AR-1260-1

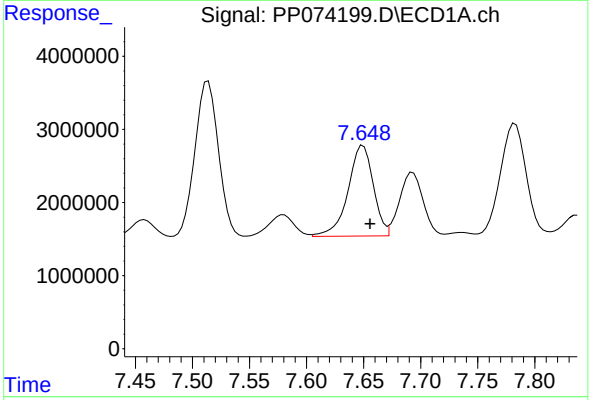
R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 17543251
Conc: 311.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



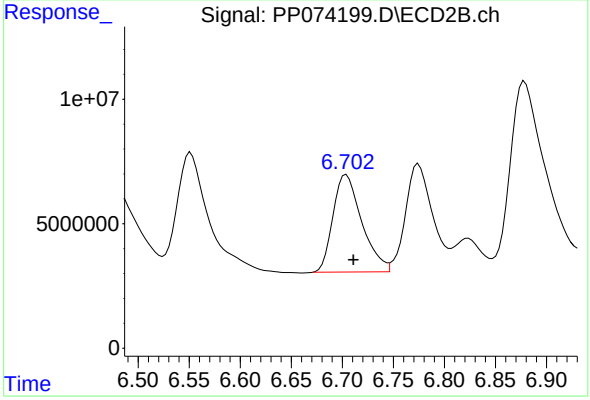
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 109049999
Conc: 269.95 ng/ml



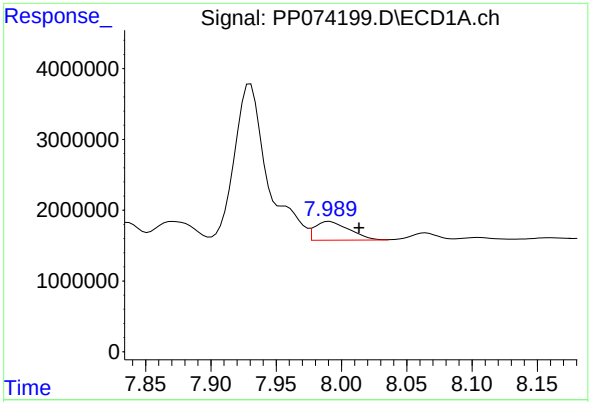
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: -0.006 min
Response: 19124212
Conc: 280.61 ng/ml



#32 AR-1260-2

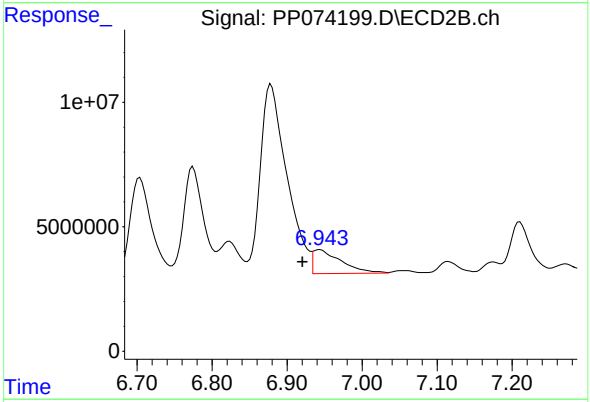
R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 77042973
Conc: 246.38 ng/ml



#33 AR-1260-3

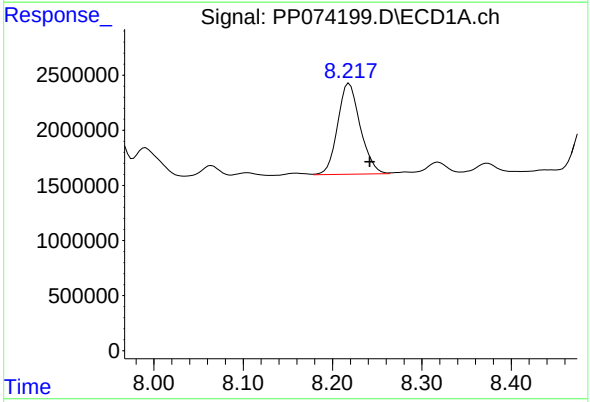
R.T.: 7.991 min
Delta R.T.: -0.023 min
Response: 4844847
Conc: 90.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



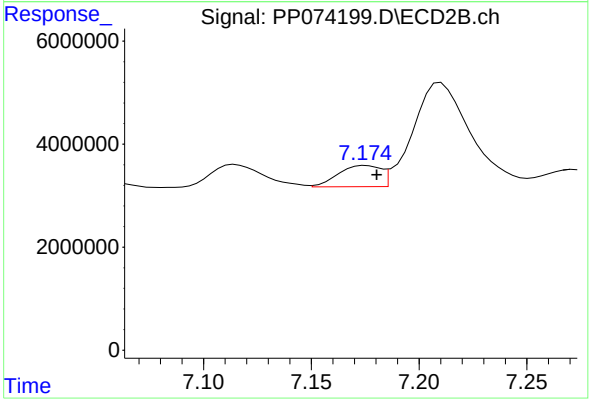
#33 AR-1260-3

R.T.: 6.944 min
Delta R.T.: 0.023 min
Response: 25122989
Conc: 63.74 ng/ml



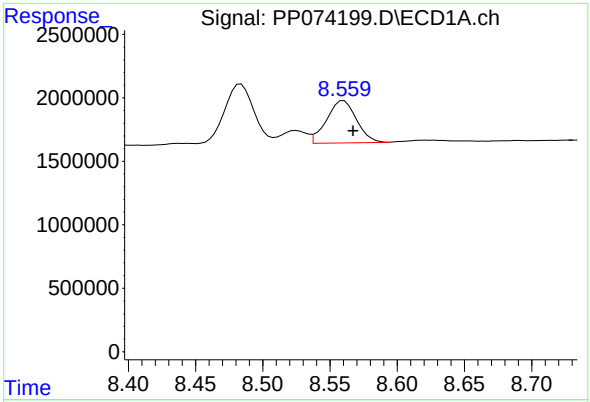
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.023 min
Response: 14487782
Conc: 231.38 ng/ml



#34 AR-1260-4

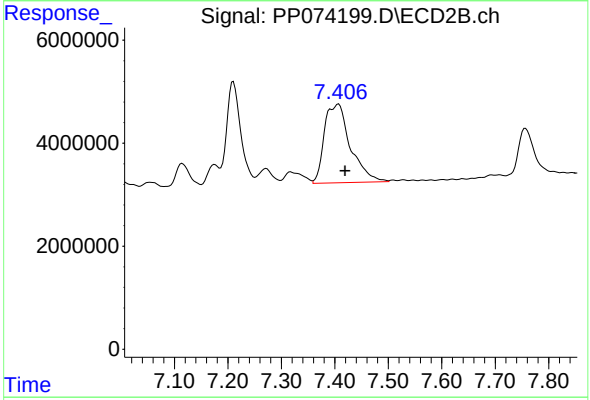
R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 5653722
Conc: 19.43 ng/ml



#35 AR-1260-5

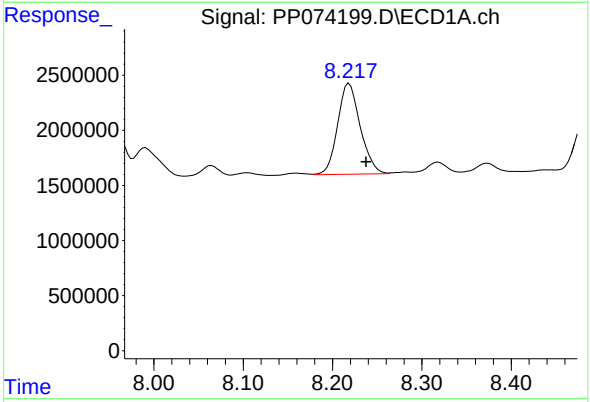
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 5145410
Conc: 45.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



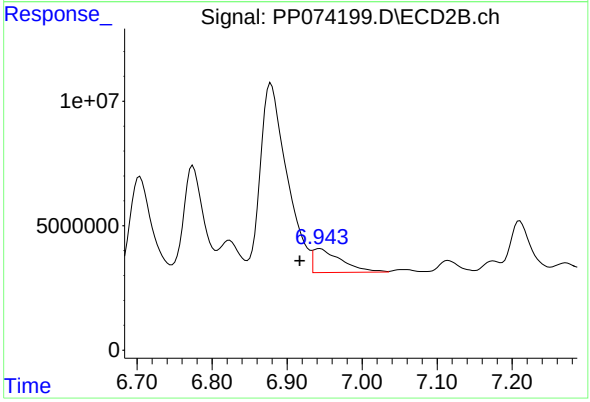
#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.012 min
Response: 51502946
Conc: 68.00 ng/ml



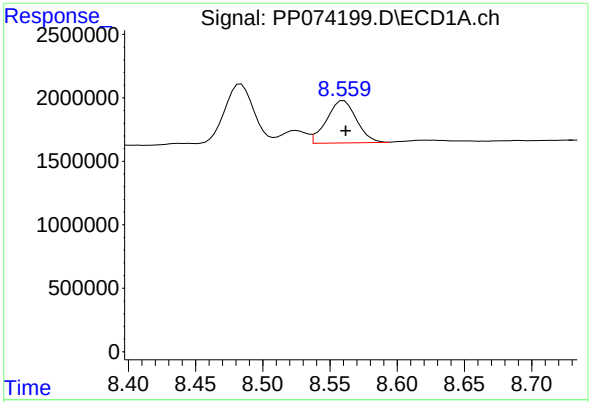
#36 AR-1262-1

R.T.: 8.219 min
Delta R.T.: -0.019 min
Response: 14487782
Conc: 191.16 ng/ml



#36 AR-1262-1

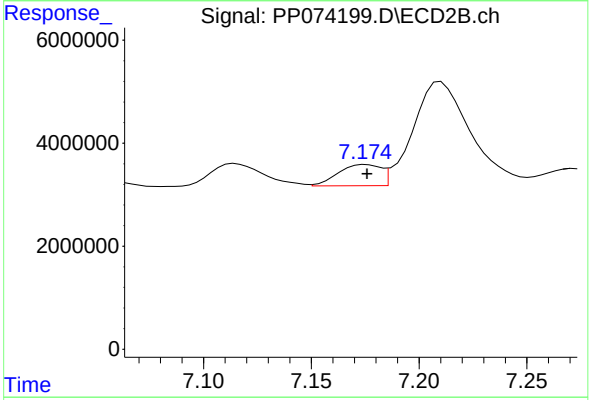
R.T.: 6.944 min
Delta R.T.: 0.027 min
Response: 25122989
Conc: 44.61 ng/ml



#37 AR-1262-2

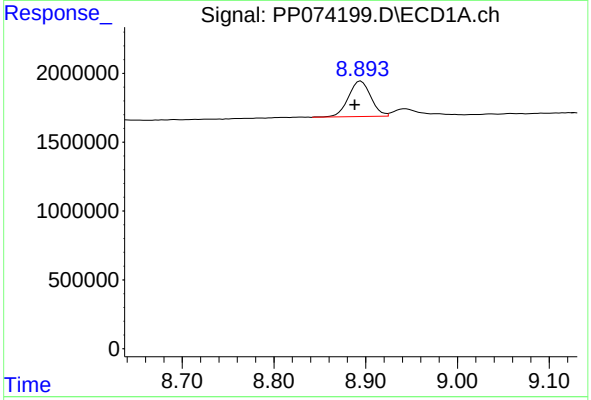
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 5145410
Conc: 39.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



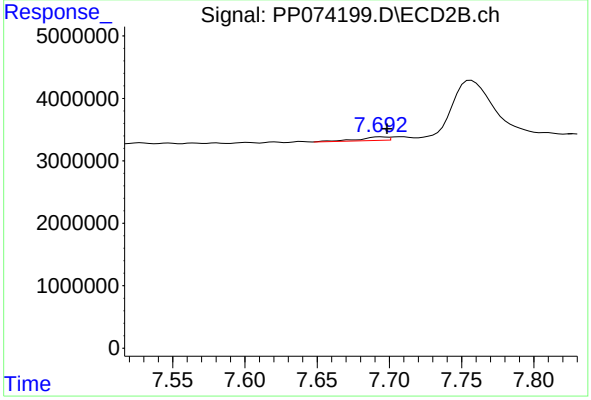
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 5653722
Conc: 14.10 ng/ml



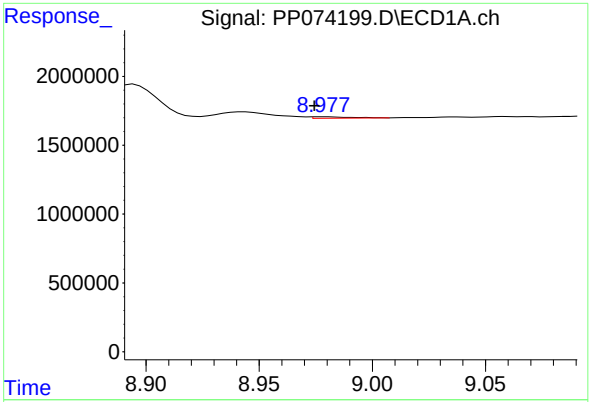
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.007 min
Response: 4365480
Conc: 46.41 ng/ml



#38 AR-1262-3

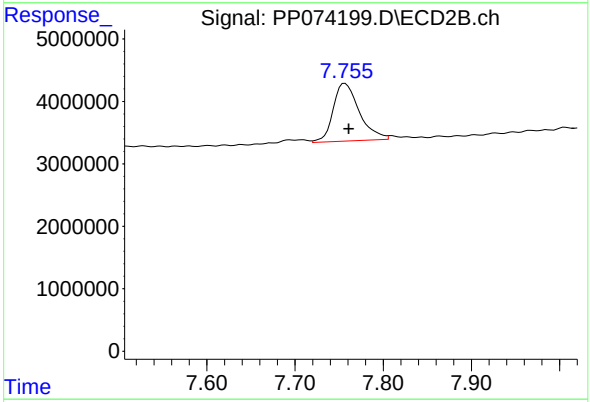
R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 772104
Conc: 2.15 ng/ml



#39 AR-1262-4

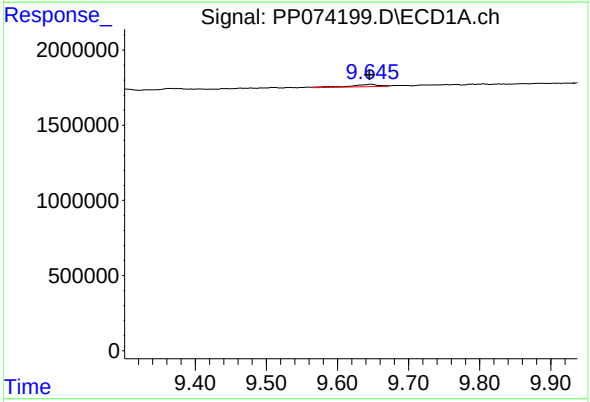
R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 118980
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



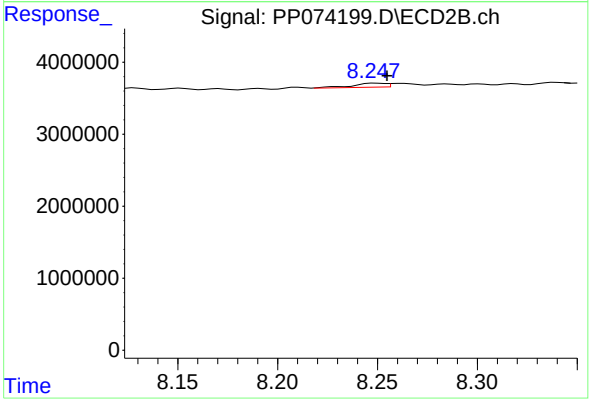
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 19007753
Conc: 28.50 ng/ml



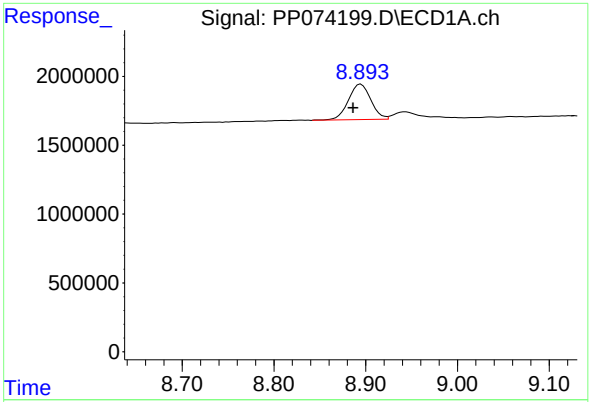
#40 AR-1262-5

R.T.: 9.647 min
Delta R.T.: 0.003 min
Response: 418724
Conc: 8.22 ng/ml



#40 AR-1262-5

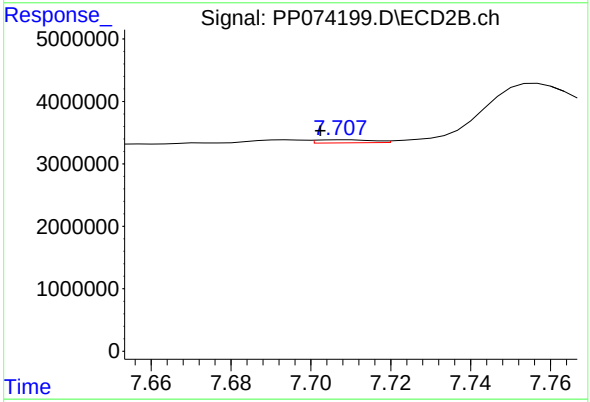
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 666817
Conc: 2.35 ng/ml



#41 AR-1268-1

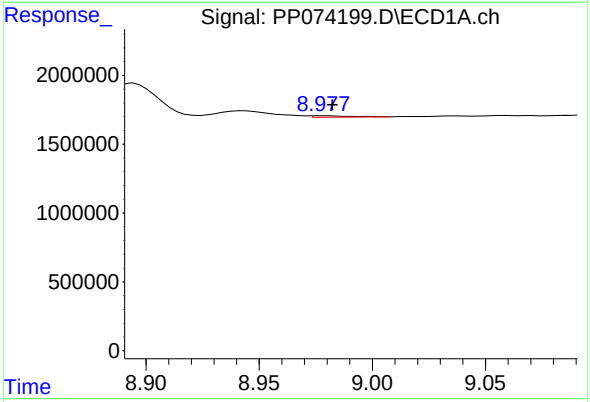
R.T.: 8.895 min
Delta R.T.: 0.008 min
Response: 4365480
Conc: 28.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



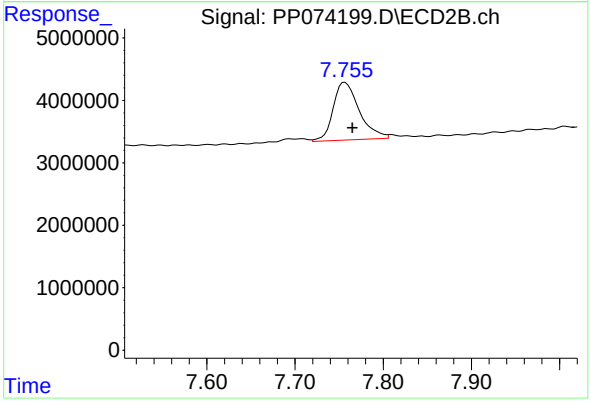
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.007 min
Response: 477278
Conc: 0.44 ng/ml



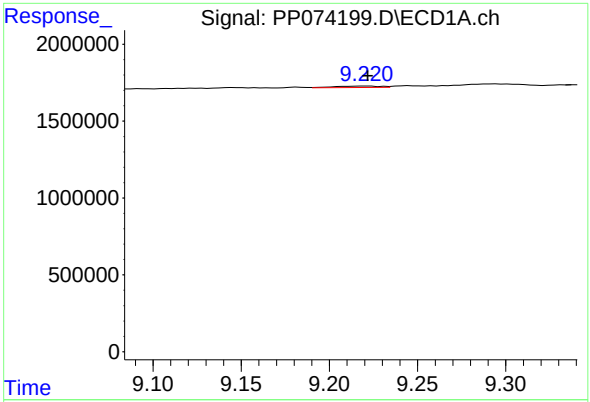
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: -0.003 min
Response: 118980
Conc: 0.83 ng/ml



#42 AR-1268-2

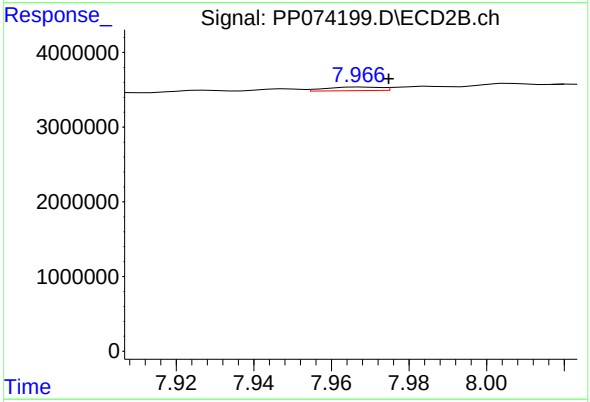
R.T.: 7.757 min
Delta R.T.: -0.009 min
Response: 19007753
Conc: 17.91 ng/ml



#43 AR-1268-3

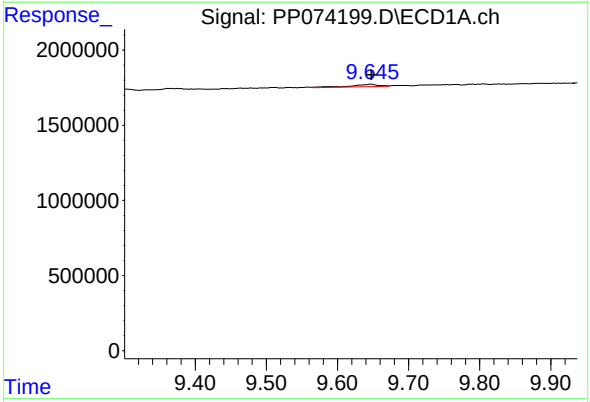
R.T.: 9.221 min
Delta R.T.: 0.000 min
Response: 168840
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



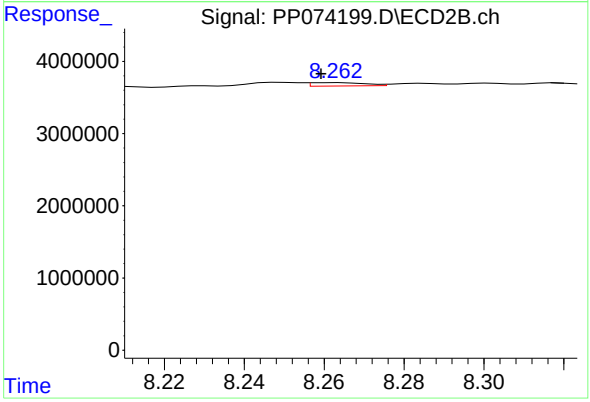
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: -0.007 min
Response: 472836
Conc: 0.57 ng/ml



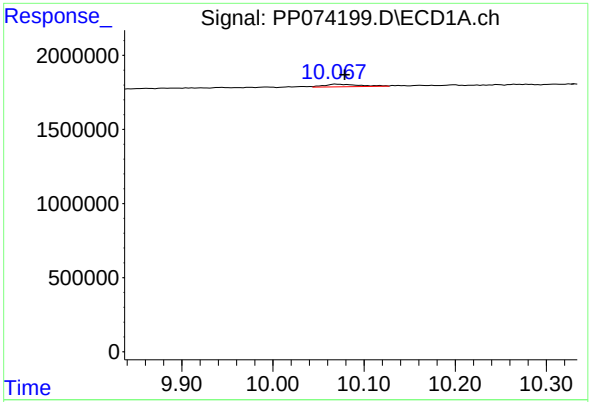
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 418724
Conc: 7.12 ng/ml



#44 AR-1268-4

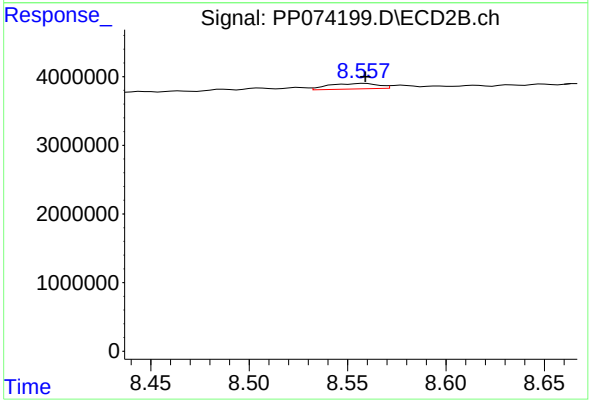
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 437922
Conc: 1.42 ng/ml



#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