284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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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LAB CHRONICLE

OrderID:	Q2819	**OrderDate:**	8/11/2025 12:06:00 PM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2819-06	**11M-S**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
Q2819-11	**84SB-W**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
Q2819-14	**17M-W**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2819 **Order ID:** Q2819

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

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.: Q2819

Client: First Environment, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112413.D	PIBLK-PO112413.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	20.0	100		60	140
		Tetrachloro-m-xyl	2	20	19.5	98		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
I.BLK-PO112854.D	PIBLK-PO112854.D	Tetrachloro-m-xyl	1	20	20.9	105		60	140
		Decachlorobiphen	1	20	17.2	86		60	140
		Tetrachloro-m-xyl	2	20	20.5	102		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
Q2819-06	11M-S	Tetrachloro-m-xyl	1	20	21.6	108		44	130
		Decachlorobiphen	1	20	12.8	64		60	125
		Tetrachloro-m-xyl	2	20	20.6	103		44	130
		Decachlorobiphen	2	20	15.2	76		60	125
Q2819-11	84SB-W	Tetrachloro-m-xyl	1	20	21.4	107		44	130
		Decachlorobiphen	1	20	11.9	59	*	60	125
		Tetrachloro-m-xyl	2	20	20.5	103		44	130
		Decachlorobiphen	2	20	14.2	71		60	125
Q2819-14	17M-W	Tetrachloro-m-xyl	1	20	21.4	107		44	130
		Decachlorobiphen	1	20	12.4	62		60	125
		Tetrachloro-m-xyl	2	20	20.4	102		44	130
		Decachlorobiphen	2	20	13.8	69		60	125
I.BLK-PO112869.D	PIBLK-PO112869.D	Tetrachloro-m-xyl	1	20	20.7	103		60	140
		Decachlorobiphen	1	20	19.2	96		60	140
		Tetrachloro-m-xyl	2	20	20.3	102		60	140
		Decachlorobiphen	2	20	20.5	103		60	140
I.BLK-PP074167.D	PIBLK-PP074167.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	19.7	98		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.7	93		60	140
I.BLK-PP074305.D	PIBLK-PP074305.D	Tetrachloro-m-xyl	1	20	22.0	110		60	140
		Decachlorobiphen	1	20	21.1	105		60	140
		Tetrachloro-m-xyl	2	20	19.7	98		60	140
		Decachlorobiphen	2	20	18.5	93		60	140
PB169205BL	PB169205BL	Tetrachloro-m-xyl	1	20	23.1	116		44	130
		Decachlorobiphen	1	20	22.2	111		60	125
		Tetrachloro-m-xyl	2	20	20.1	101		44	130
		Decachlorobiphen	2	20	20.1	100		60	125
PB169205BS	PB169205BS	Tetrachloro-m-xyl	1	20	24.3	121		44	130
		Decachlorobiphen	1	20	22.5	112		60	125
		Tetrachloro-m-xyl	2	20	20.8	104		44	130
		Decachlorobiphen	2	20	20.0	100		60	125
Q2830-01MS	BIN0009-DRIVEWAY-TP-SOU	Tetrachloro-m-xyl	1	20	23.5	117		44	130

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Surrogate Summary

SDG No.: Q2819

Client: First Environment, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2830-01MS	BIN0009-DRIVEWAY-TP-SOUT	Decachlorobiphen	1	20	19.9	100		60	125
		Tetrachloro-m-xyl	2	20	22.0	110		44	130
		Decachlorobiphen	2	20	17.5	87		60	125
Q2830-01MSD	BIN0009-DRIVEWAY-TP-SOUT	Tetrachloro-m-xyl	1	20	23.3	116		44	130
		Decachlorobiphen	1	20	19.9	99		60	125
		Tetrachloro-m-xyl	2	20	22.1	111		44	130
		Decachlorobiphen	2	20	17.9	89		60	125
I.BLK-PP074319.D	PIBLK-PP074319.D	Tetrachloro-m-xyl	1	20	22.9	115		60	140
		Decachlorobiphen	1	20	21.7	109		60	140
		Tetrachloro-m-xyl	2	20	19.8	99		60	140
		Decachlorobiphen	2	20	19.8	99		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2819 **Analytical Method:** 8082A

Client: First Environment, Inc. **DataFile :** PP074311.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2830-01MS (Column 1)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.7	0	201	ug/kg	105				47	134	
	AR1260	191.7	0	173	ug/kg	90				53	140	
Lab Sample ID:	**Q2830-01MS (Column 2)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.7	0	213	ug/kg	111				47	134	
	AR1260	191.7	0	181	ug/kg	94				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2819 **Analytical Method:** 8082A

Client: First Environment, Inc. **DataFile :** PP074312.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2830-01MSD (Column 1)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.6	0	213	ug/kg	111		6		47	134	20
	AR1260	191.6	0	177	ug/kg	92		2		53	140	20
Lab Sample ID:	**Q2830-01MSD (Column 2)**	**Client Sample ID:**		**BIN0009-DRIVEWAY-TP-**								
	AR1016	191.6	0	219	ug/kg	114		3		47	134	20
	AR1260	191.6	0	188	ug/kg	98		4		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2819 **Analytical Method:** 8082A

Client: First Environment, Inc. **Datafile :** PP074309.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169205BS (Column 1)	AR1016	166.6	185	ug/kg	111				47	134	
	AR1260	166.6	165	ug/kg	99				53	140	
PB169205BS (Column 2)	AR1016	166.6	183	ug/kg	110				47	134	
	AR1260	166.6	180	ug/kg	108				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169205BL

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2819

Lab Sample ID: PB169205BL | Lab File ID: PP074308.D

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

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

Date Analyzed (1): 08/12/2025 | Date Analyzed (2): 08/12/2025

Time Analyzed (1): 12:48 | Time Analyzed (2): 12:48

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
11M-S	Q2819-06	PO112860.D	08/12/2025	08/12/2025
84SB-W	Q2819-11	PO112861.D	08/12/2025	08/12/2025
17M-W	Q2819-14	PO112862.D	08/12/2025	08/12/2025
PB169205BS	PB169205BS	PP074309.D	08/12/2025	08/12/2025
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS	Q2830-01MS	PP074311.D	08/12/2025	08/12/2025
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD	Q2830-01MSD	PP074312.D	08/12/2025	08/12/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PO112860.D**

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112860.D	1	08/12/25 08:15	08/12/25 13:26	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.20	U	4.40	9.20	18.8	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.8	ug/kg
11141-16-5	Aroclor-1232	9.20	U	4.10	9.20	18.8	ug/kg
53469-21-9	Aroclor-1242	9.20	U	4.40	9.20	18.8	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.8	ug/kg
11097-69-1	Aroclor-1254	9.20	U	3.50	9.20	18.8	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.8	ug/kg
11100-14-4	Aroclor-1268	9.20	U	4.00	9.20	18.8	ug/kg
11096-82-5	Aroclor-1260	9.20	U	3.60	9.20	18.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.6		44 - 130		108%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		60 - 125		76%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:26
Operator : YP/AJ
Sample : Q2819-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
11M-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.658	175.2E6	102.2E6	21.546	20.572
2)	SA Decachlor...	8.685	8.632	93732262	26876447	12.819	15.209
	Target Compounds						

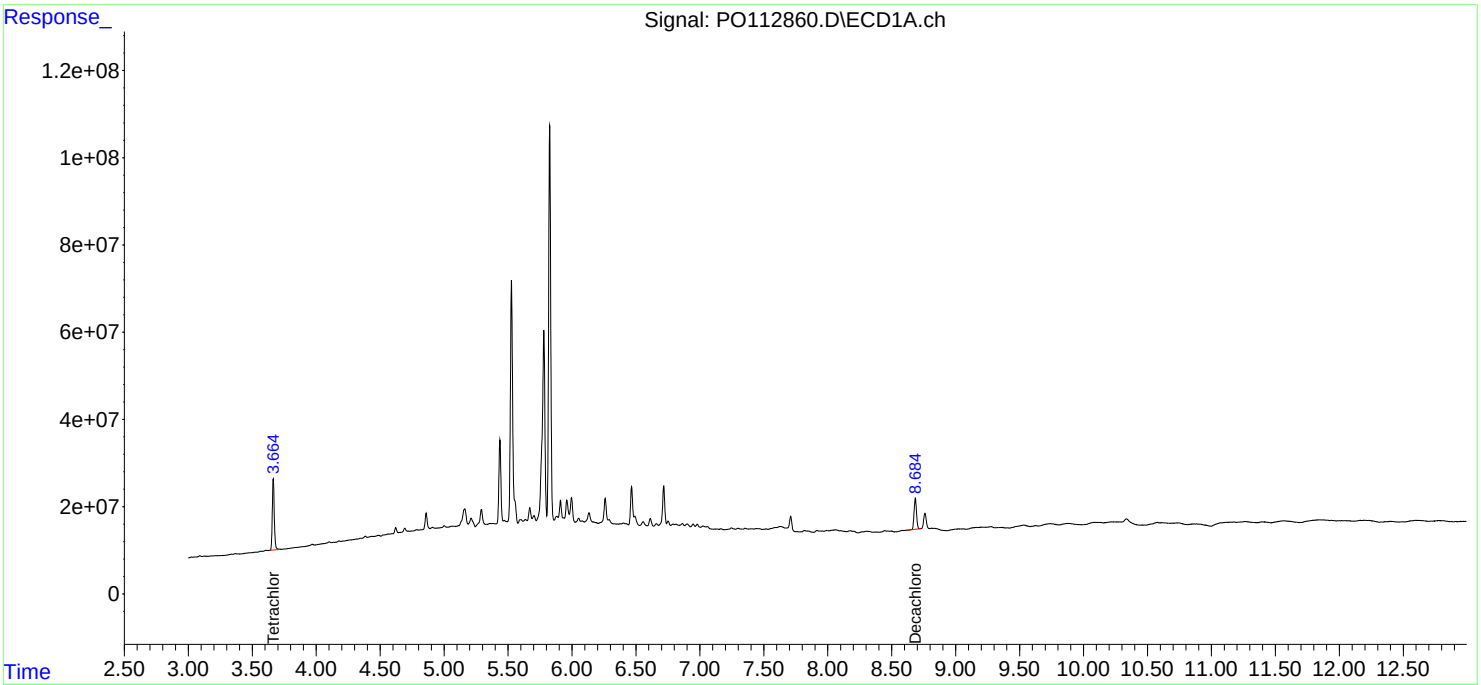
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

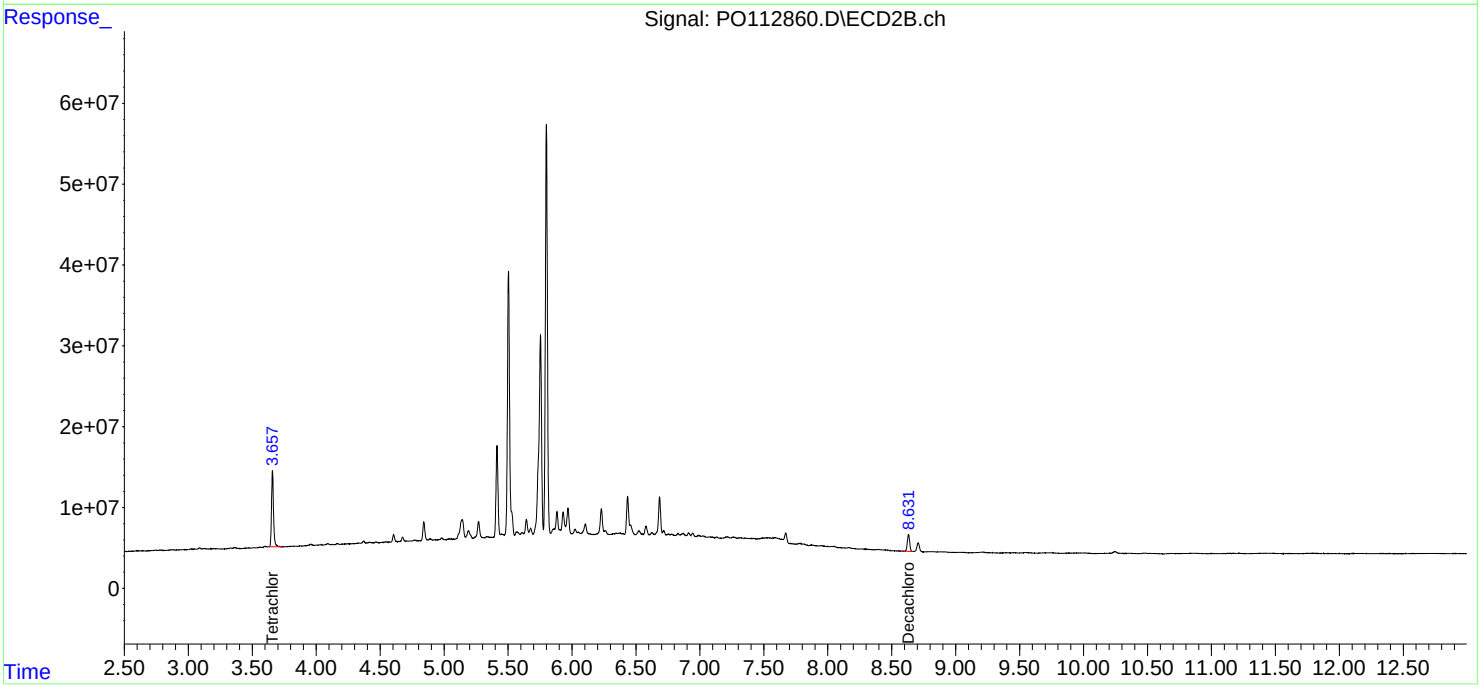
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:26
Operator : YP/AJ
Sample : Q2819-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

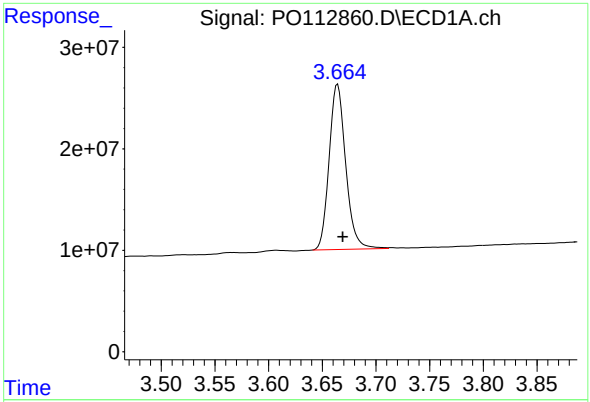
Instrument :
ECD_O
ClientSampleId :
11M-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:43:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



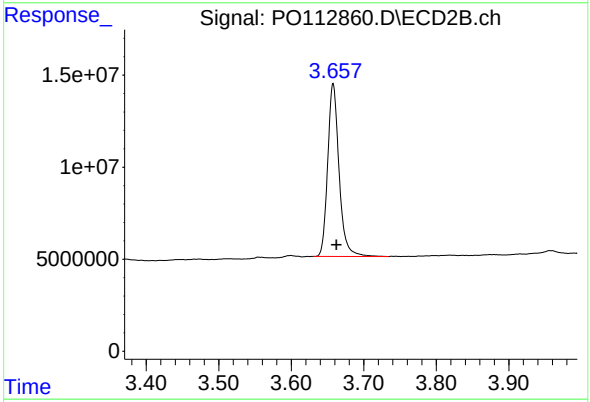




#1 Tetrachloro-m-xylene

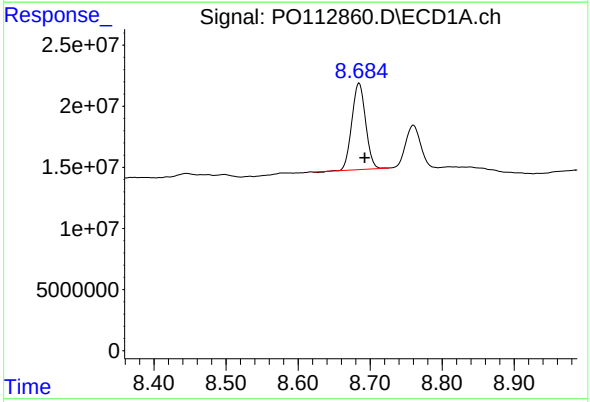
R.T.: 3.664 min
Delta R.T.: -0.005 min
Response: 175203369
Conc: 21.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
11M-S



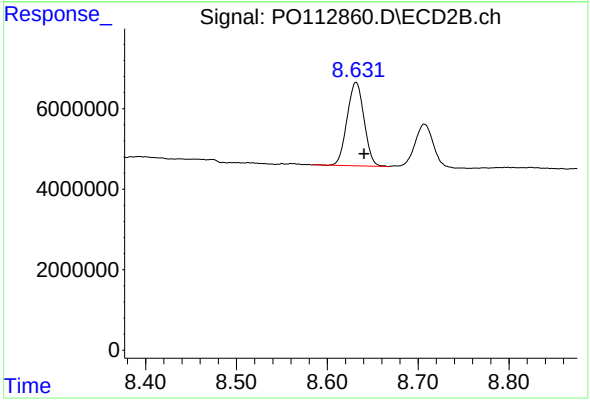
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.005 min
Response: 102226840
Conc: 20.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 93732262
Conc: 12.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.009 min
Response: 26876447
Conc: 15.21 ng/ml

Raw Data: **PO112861.D**

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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.8 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
PO112861.D	1	08/12/25 08:15	08/12/25 13:43	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.60	U	4.50	9.60	19.6	ug/kg
11104-28-2	Aroclor-1221	15.0	U	4.60	15.0	19.6	ug/kg
11141-16-5	Aroclor-1232	9.60	U	4.30	9.60	19.6	ug/kg
53469-21-9	Aroclor-1242	9.60	U	4.60	9.60	19.6	ug/kg
12672-29-6	Aroclor-1248	15.0	U	6.80	15.0	19.6	ug/kg
11097-69-1	Aroclor-1254	9.60	U	3.70	9.60	19.6	ug/kg
37324-23-5	Aroclor-1262	15.0	U	5.80	15.0	19.6	ug/kg
11100-14-4	Aroclor-1268	9.60	U	4.10	9.60	19.6	ug/kg
11096-82-5	Aroclor-1260	9.60	U	3.70	9.60	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		44 - 130		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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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: **PO112861.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:43
Operator : YP/AJ
Sample : Q2819-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
84SB-W

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:43:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.665	3.658	173.6E6	101.9E6	21.347	20.515
2)	SA Decachlor...	8.684	8.631	86836801	25023931	11.876	14.161
	Target Compounds						

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

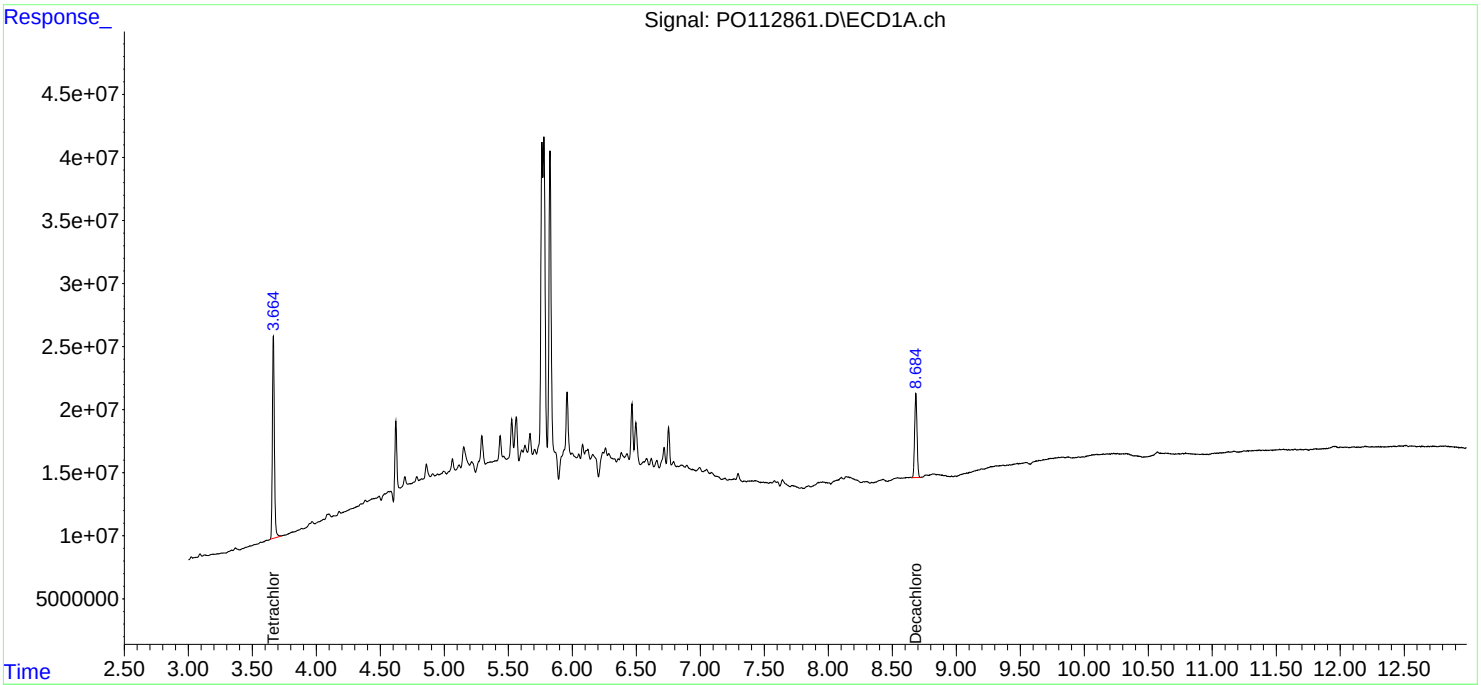
Sample Results: **PO112861.D**

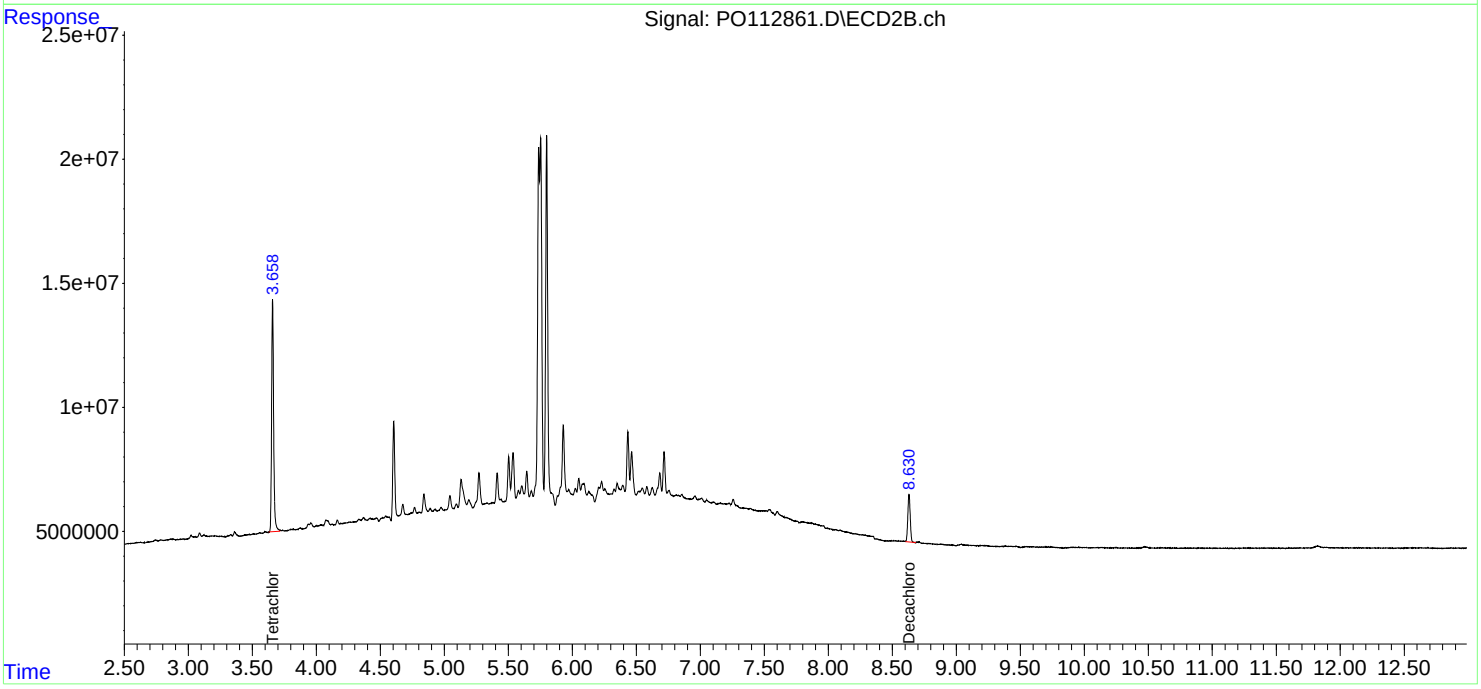
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:43
Operator : YP/AJ
Sample : Q2819-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

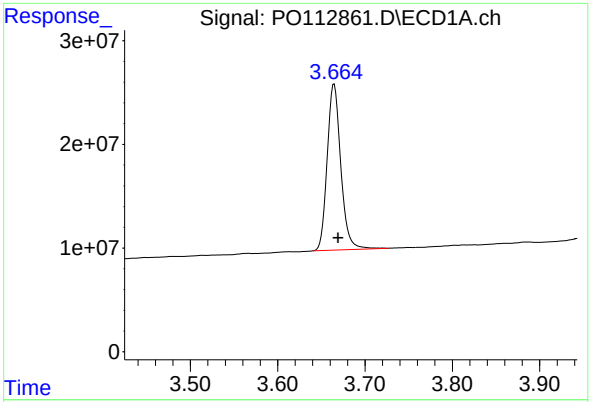
Instrument :
ECD_O
ClientSampleId :
84SB-W

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:43:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



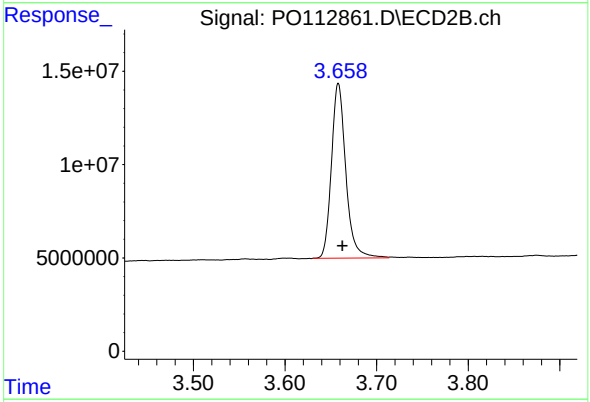




#1 Tetrachloro-m-xylene

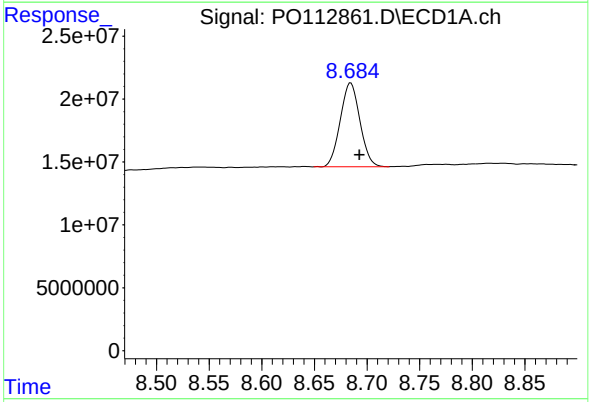
R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 173587400
Conc: 21.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
84SB-W



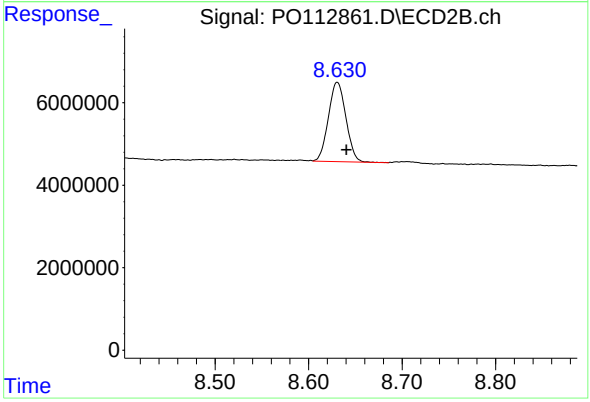
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 101945115
Conc: 20.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.684 min
Delta R.T.: -0.008 min
Response: 86836801
Conc: 11.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 25023931
Conc: 14.16 ng/ml

Raw Data: **PO112862.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.6 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
PO112862.D	1	08/12/25 08:15	08/12/25 14:01	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.70	U	4.60	9.70	19.8	ug/kg
11104-28-2	Aroclor-1221	15.1	U	4.70	15.1	19.8	ug/kg
11141-16-5	Aroclor-1232	9.70	U	4.30	9.70	19.8	ug/kg
53469-21-9	Aroclor-1242	9.70	U	4.70	9.70	19.8	ug/kg
12672-29-6	Aroclor-1248	15.1	U	6.90	15.1	19.8	ug/kg
11097-69-1	Aroclor-1254	9.70	U	3.70	9.70	19.8	ug/kg
37324-23-5	Aroclor-1262	15.1	U	5.80	15.1	19.8	ug/kg
11100-14-4	Aroclor-1268	9.70	U	4.20	9.70	19.8	ug/kg
11096-82-5	Aroclor-1260	9.70	U	3.80	9.70	19.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		44 - 130		107%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 14:01
Operator : YP/AJ
Sample : Q2819-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
17M-W

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:43:59 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...	3.666	3.659	173.6E6	101.6E6	21.351	20.451
2)	SA Decachlor...	8.687	8.634	90484172	24480483	12.375	13.853
	Target Compounds						

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

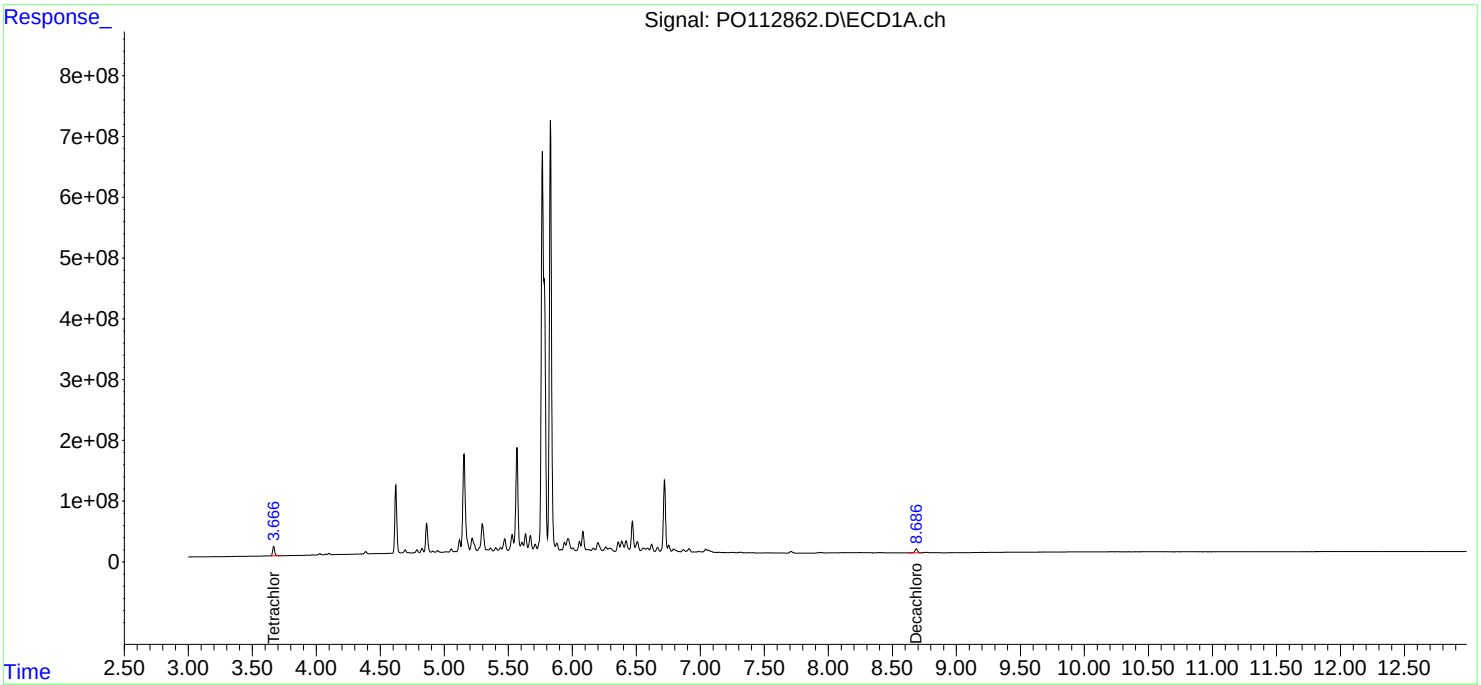
Sample Results: **PO112862.D**

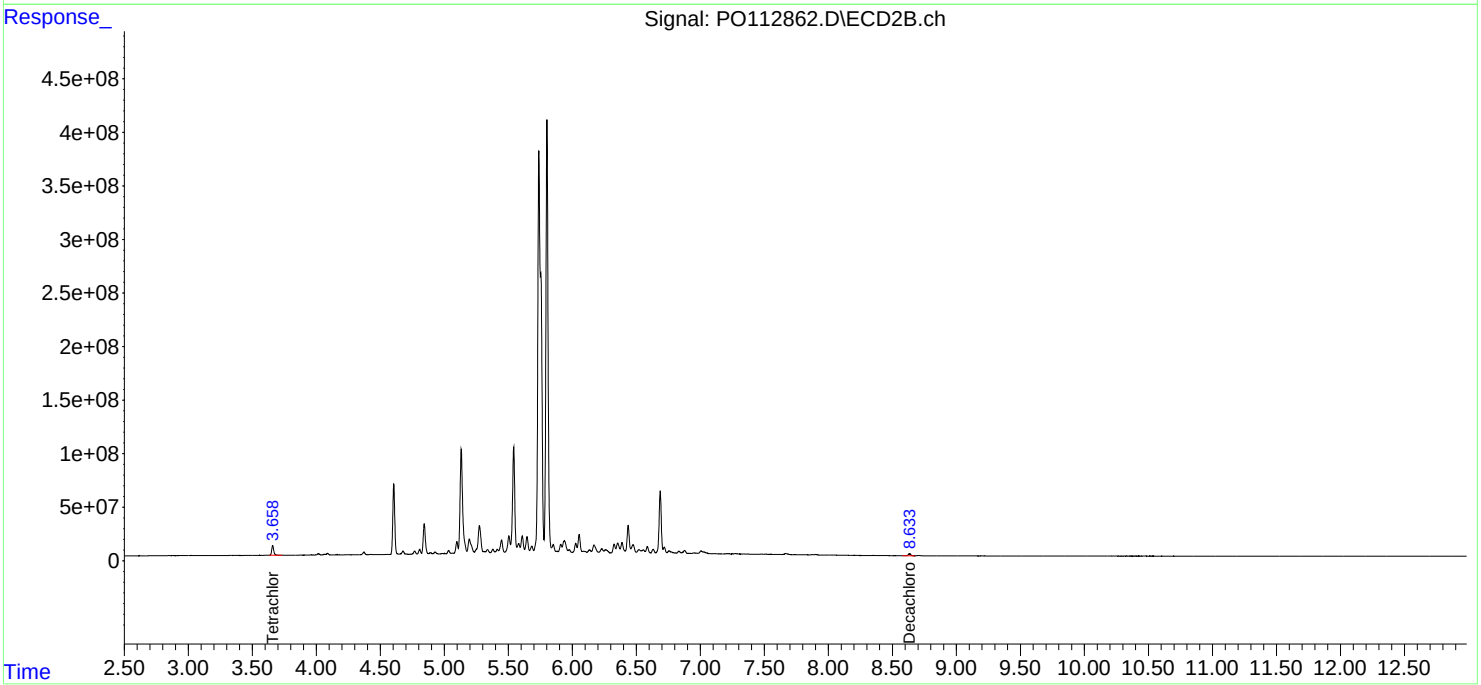
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 14:01
Operator : YP/AJ
Sample : Q2819-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

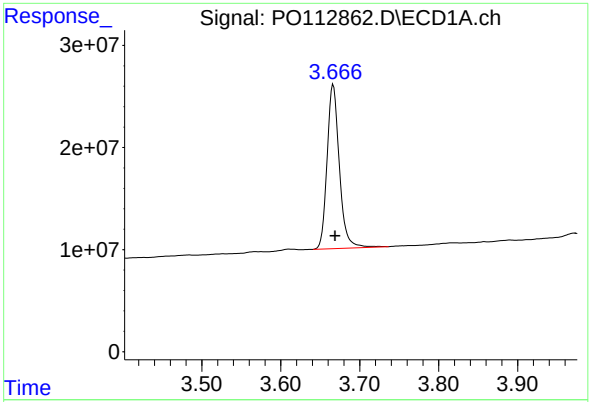
Instrument :
ECD_O
ClientSampleId :
17M-W

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:43:59 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



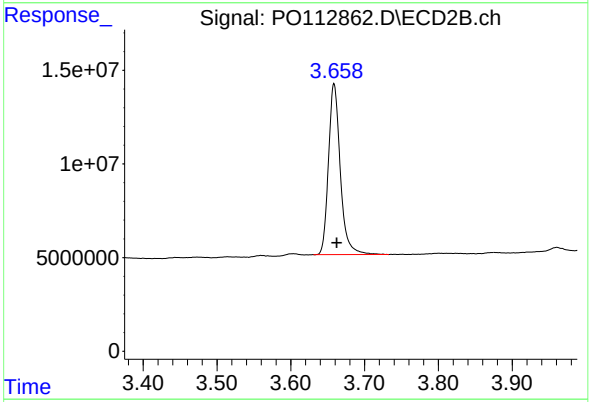




#1 Tetrachloro-m-xylene

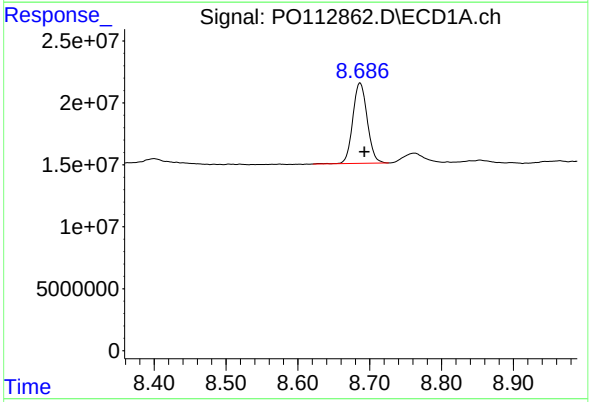
R.T.: 3.666 min
Delta R.T.: -0.003 min
Response: 173620830
Conc: 21.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
17M-W



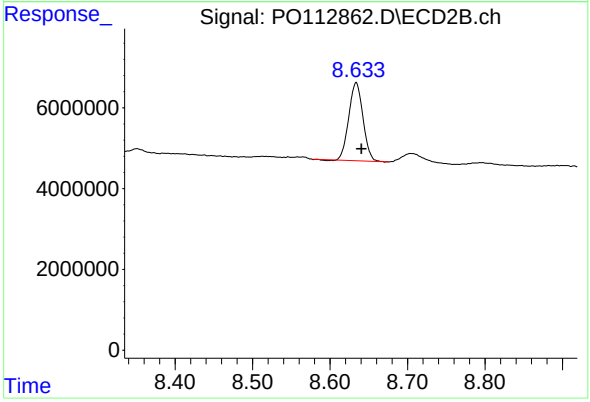
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 101625470
Conc: 20.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 90484172
Conc: 12.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.007 min
Response: 24480483
Conc: 13.85 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

Calibration Times: 11:32 19:47

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

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

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

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.75	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.24	6.25	6.24	6.25	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.44	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.70	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.77	4.77	4.77	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1242-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.69	8.70	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.75	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	4.99	4.99	4.99	4.99	5.00	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.70	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.69	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.58	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.14	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.44	8.44	8.44	8.44	8.44	8.44	8.34	8.54

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

RETENTION TIMES OF INITIAL CALIBRATION

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

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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 **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

Calibration Times: 11:32 19:47

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

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

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

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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.

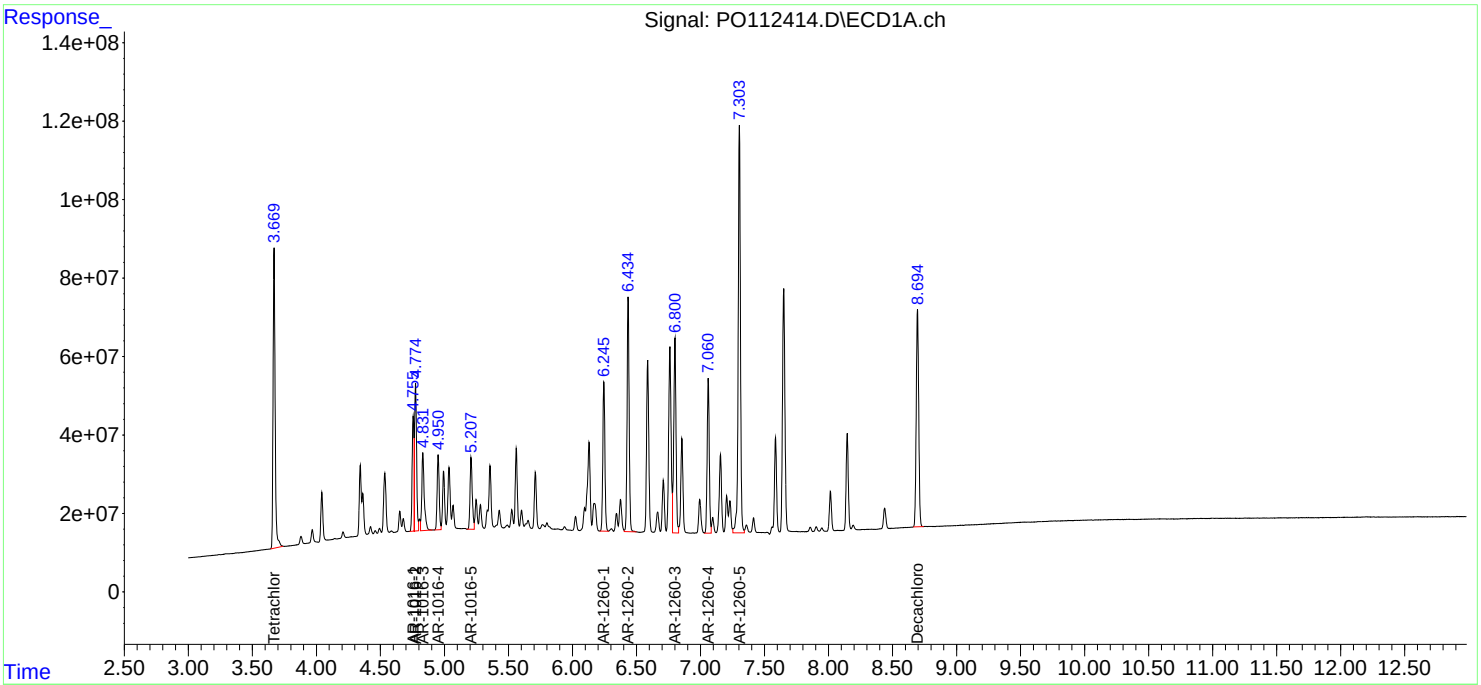
ICAL Form

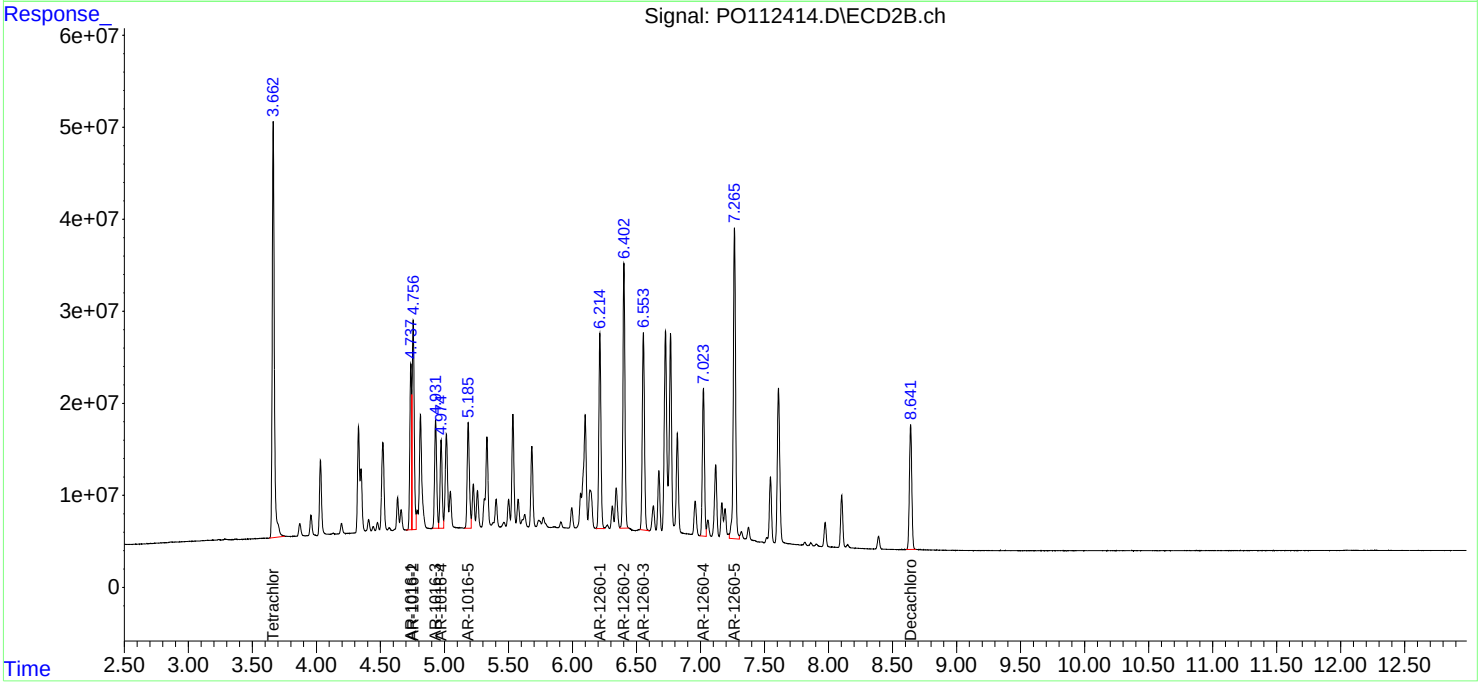
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:32
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

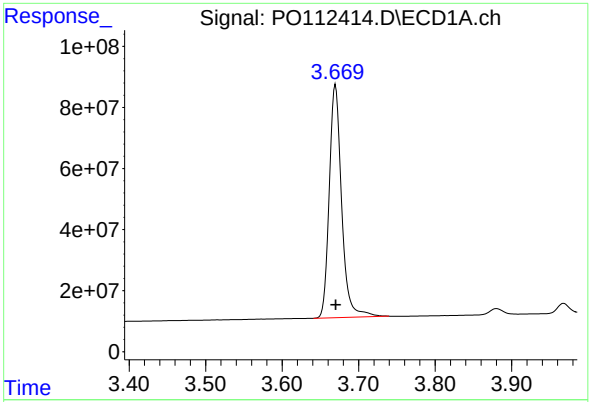
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

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



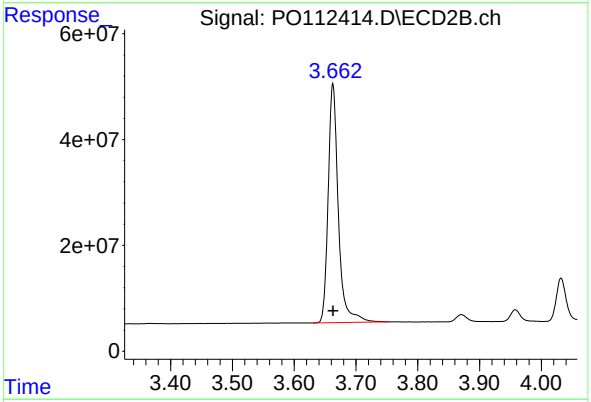




#1 Tetrachloro-m-xylene

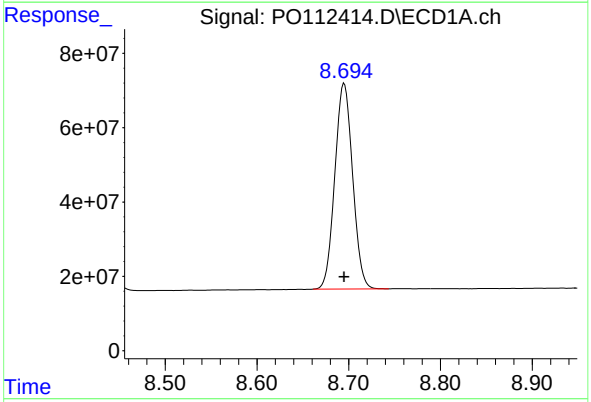
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 855486366
Conc: 98.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



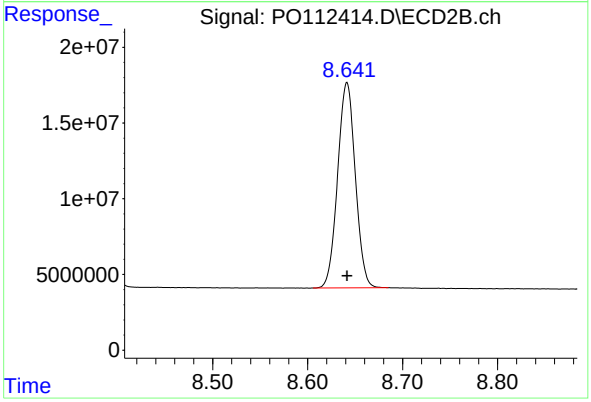
#1 Tetrachloro-m-xylene

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



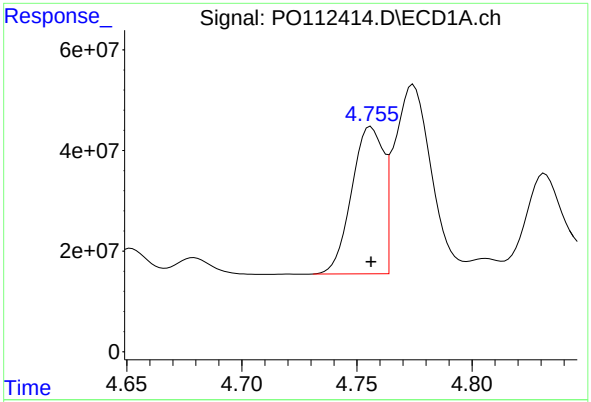
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

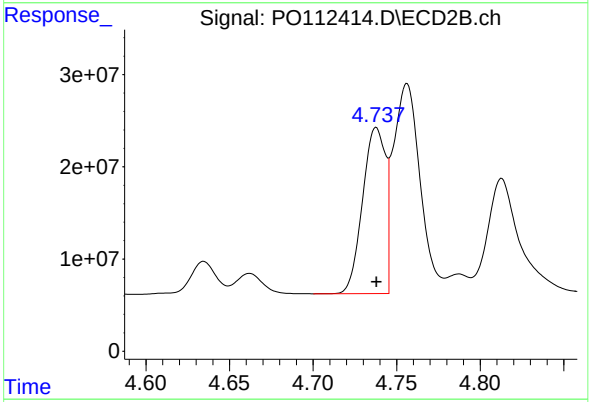
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 175329566
Conc: 96.57 ng/ml



#3 AR-1016-1

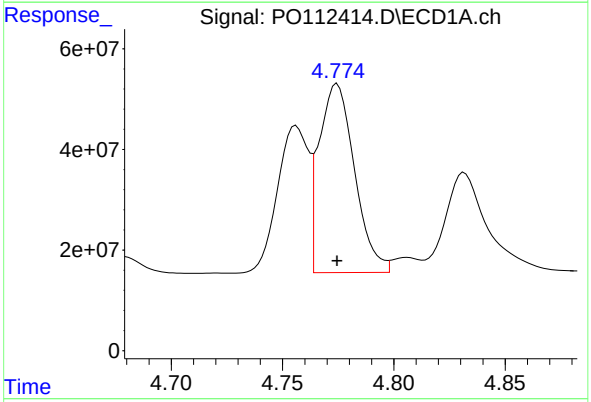
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 281481703
Conc: 983.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



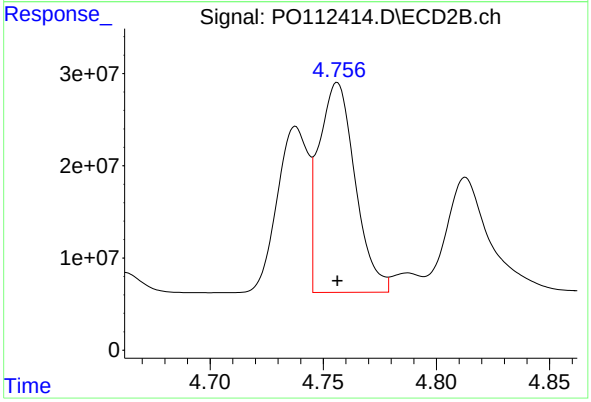
#3 AR-1016-1

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



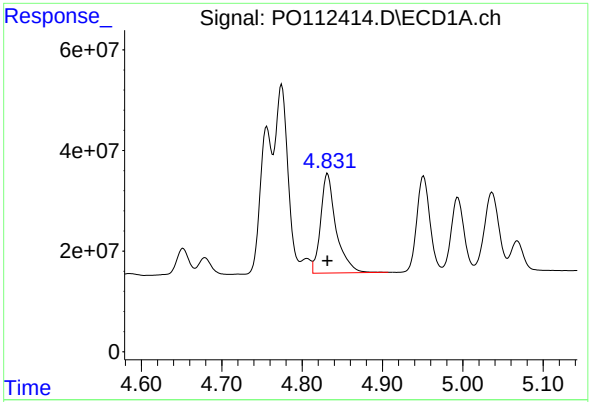
#4 AR-1016-2

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



#4 AR-1016-2

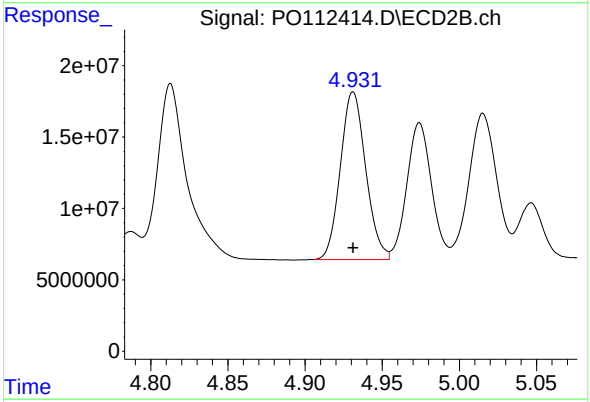
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 254283756
Conc: 963.53 ng/ml



#5 AR-1016-3

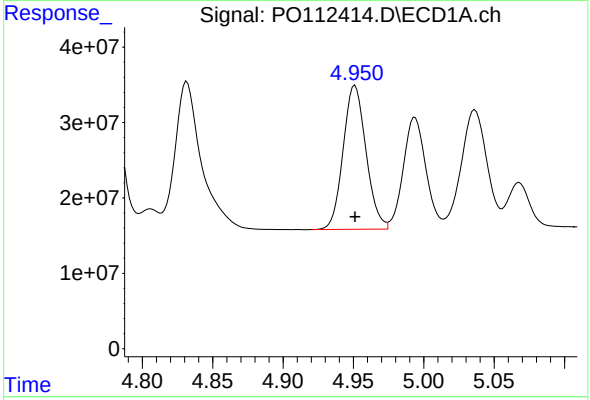
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 263638281
Conc: 981.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



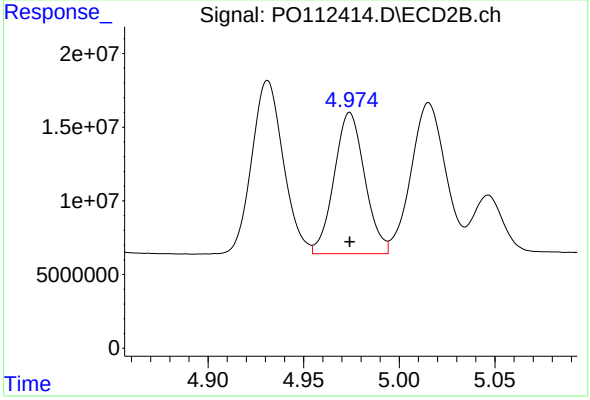
#5 AR-1016-3

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



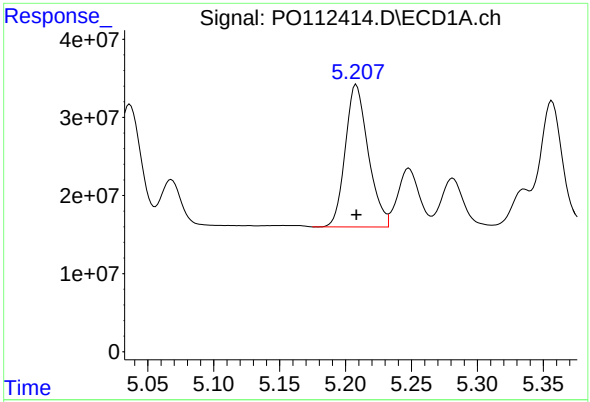
#6 AR-1016-4

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



#6 AR-1016-4

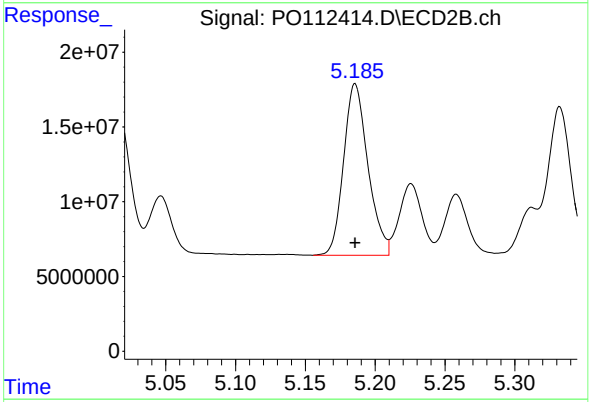
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 106915956
Conc: 960.71 ng/ml



#7 AR-1016-5

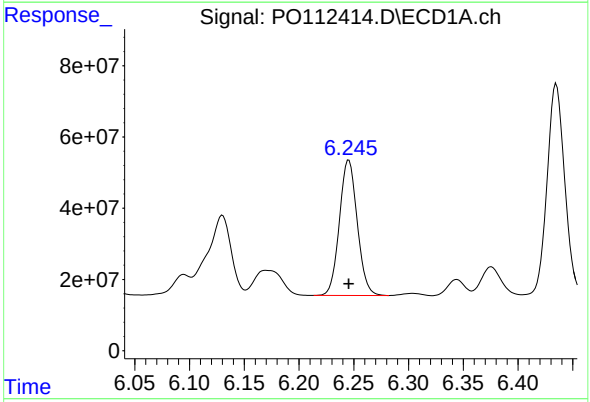
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 221113370
Conc: 971.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



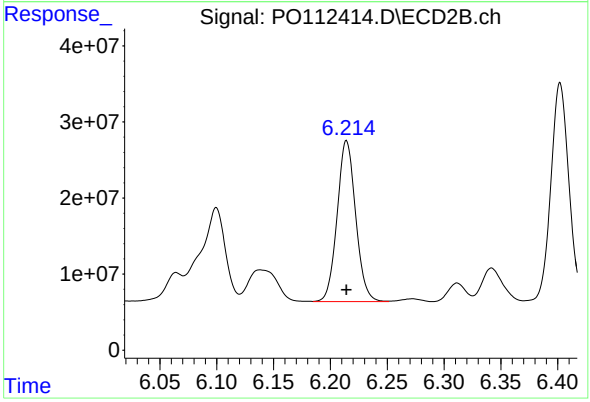
#7 AR-1016-5

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



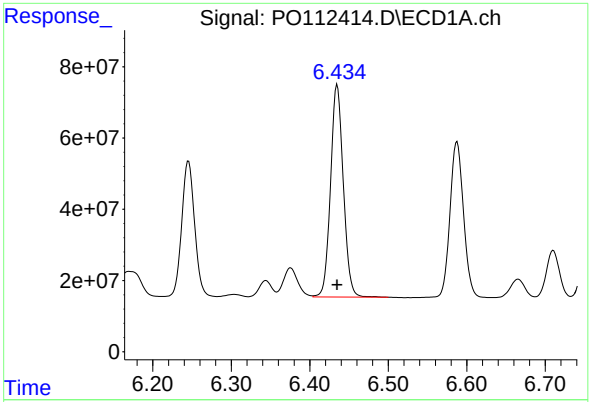
#31 AR-1260-1

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



#31 AR-1260-1

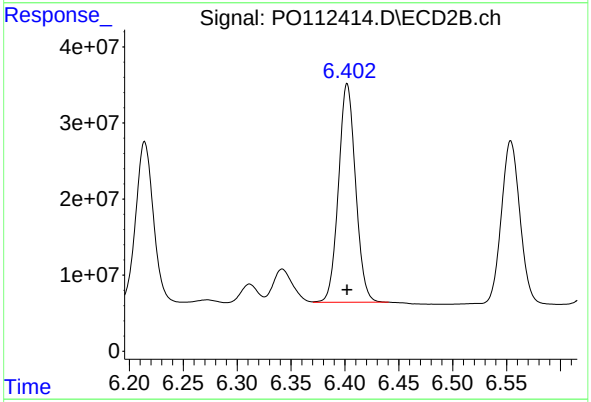
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 240286237
Conc: 958.42 ng/ml



#32 AR-1260-2

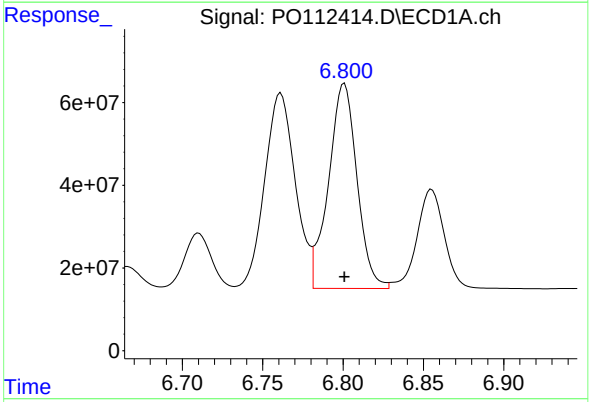
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 673380136
Conc: 964.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



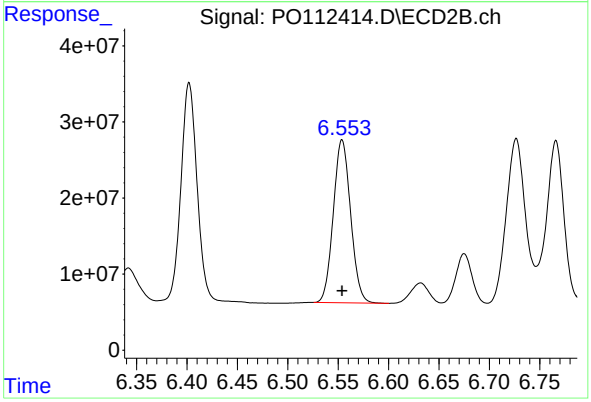
#32 AR-1260-2

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



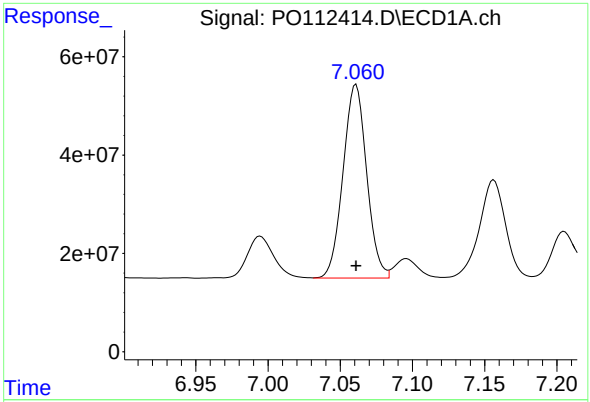
#33 AR-1260-3

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



#33 AR-1260-3

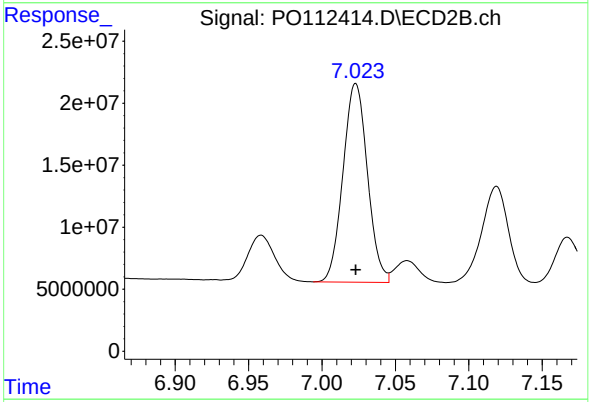
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 256241072
Conc: 975.16 ng/ml



#34 AR-1260-4

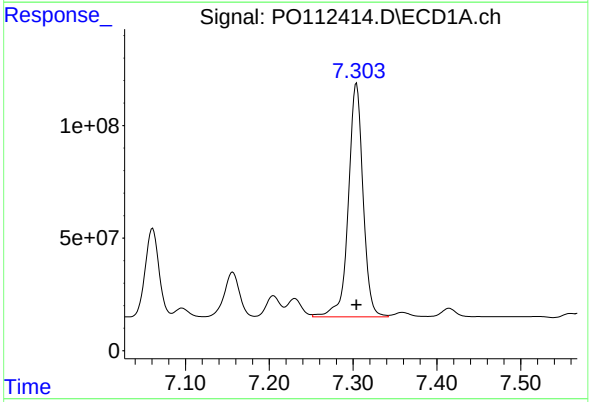
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 447285263
Conc: 971.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



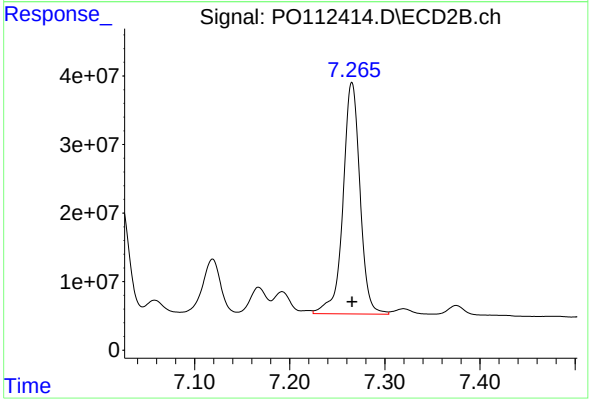
#34 AR-1260-4

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.

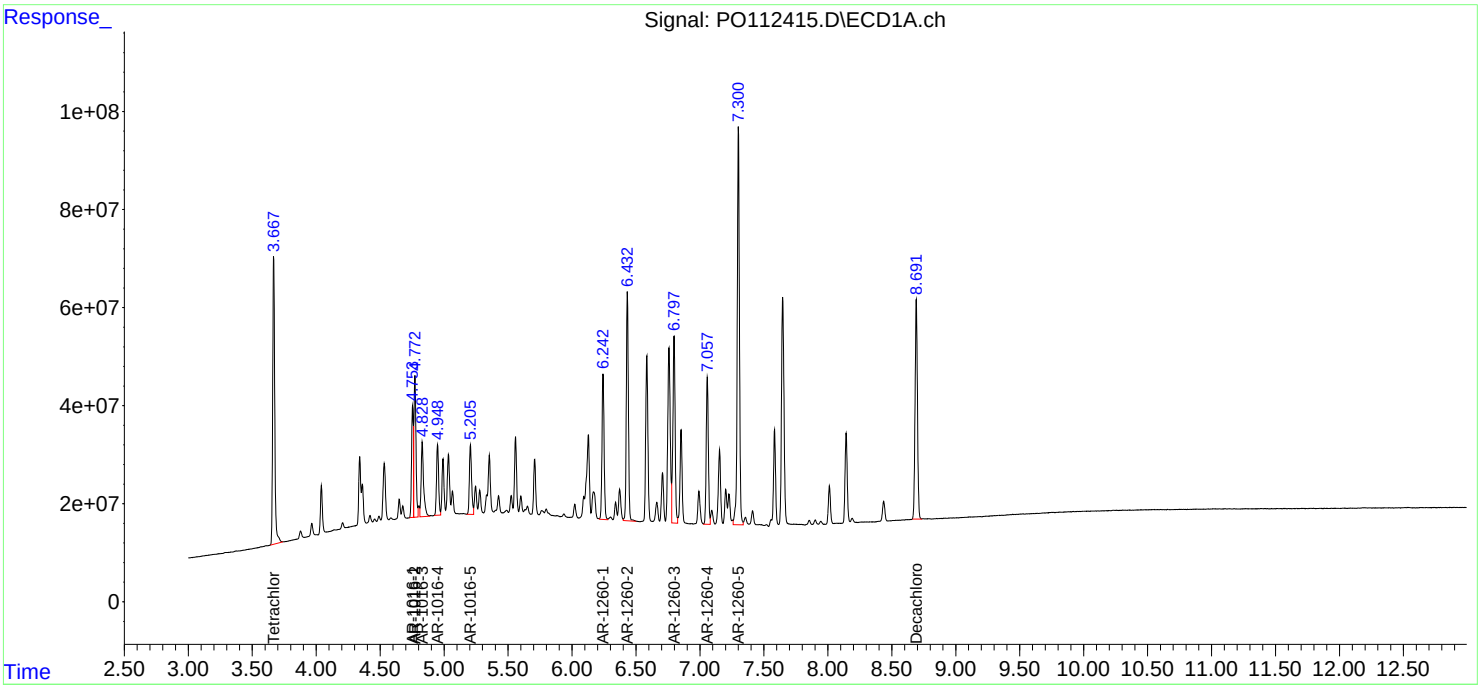
ICAL Form

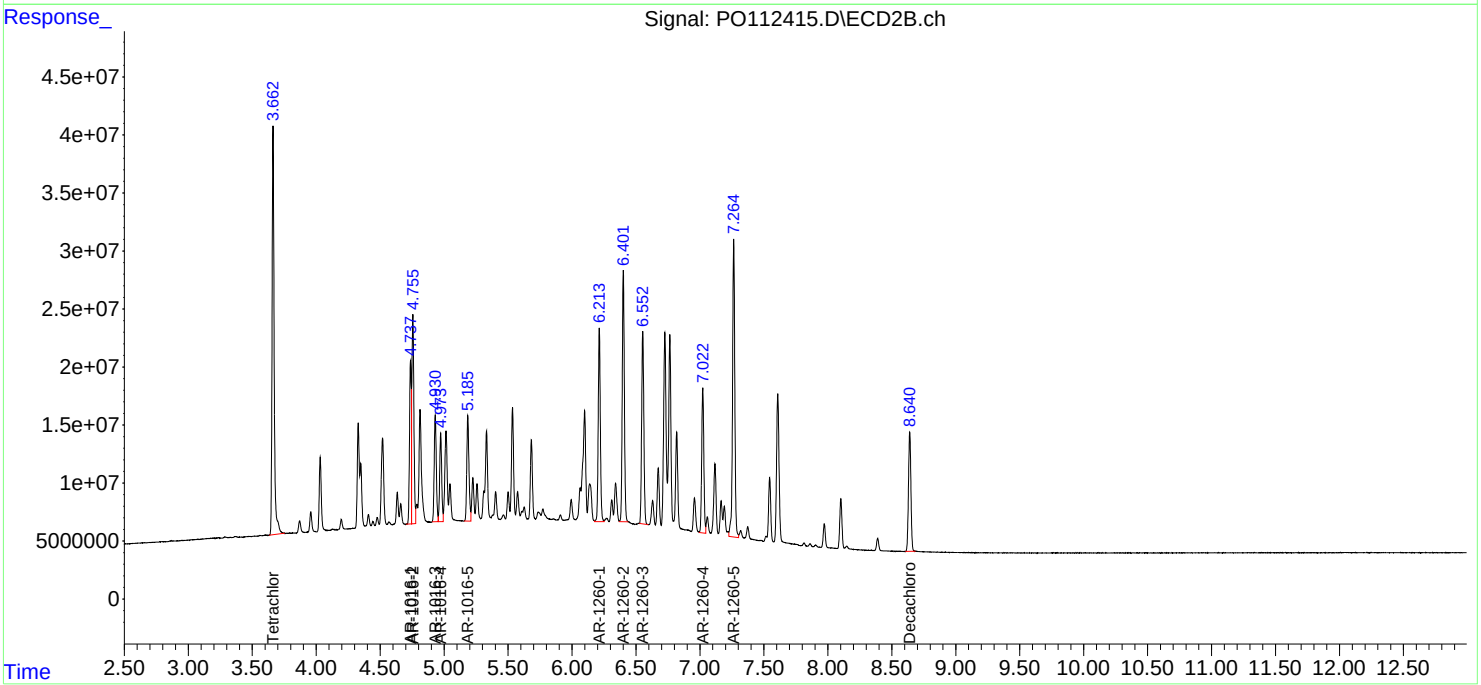
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:50
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

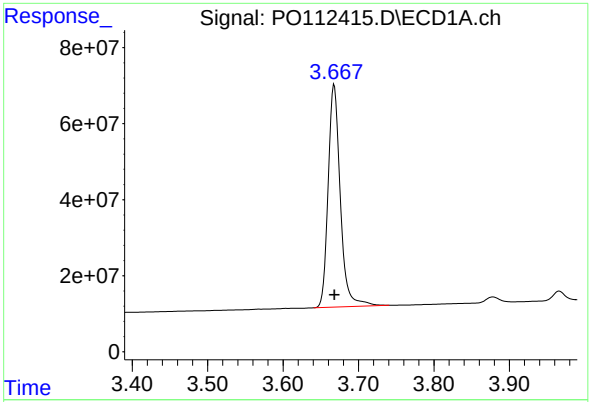
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

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



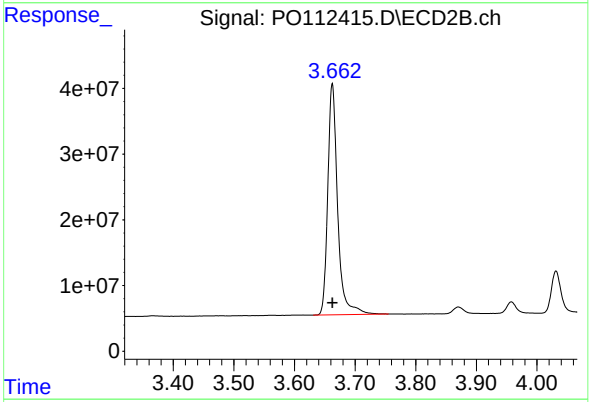




#1 Tetrachloro-m-xylene

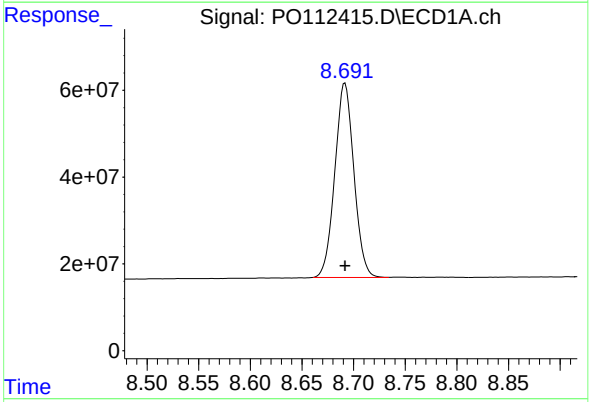
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 656313605
Conc: 75.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



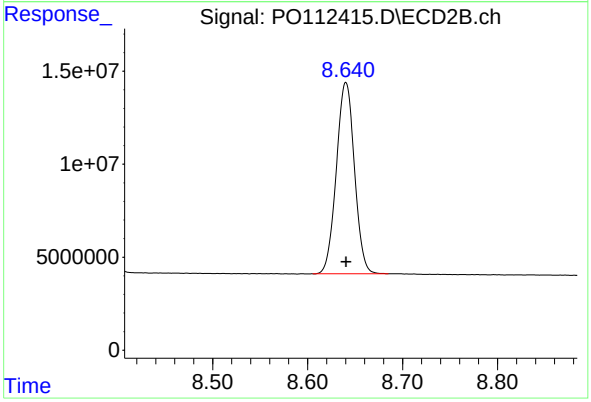
#1 Tetrachloro-m-xylene

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



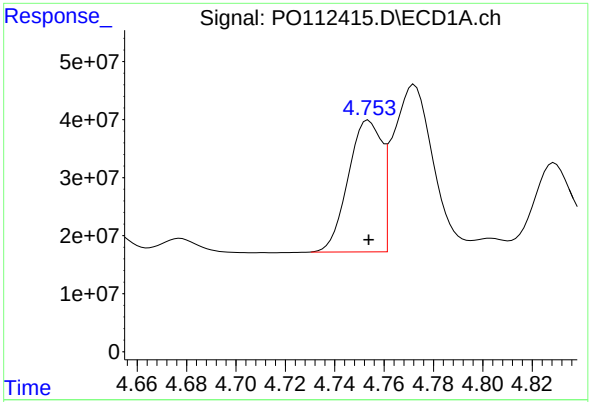
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

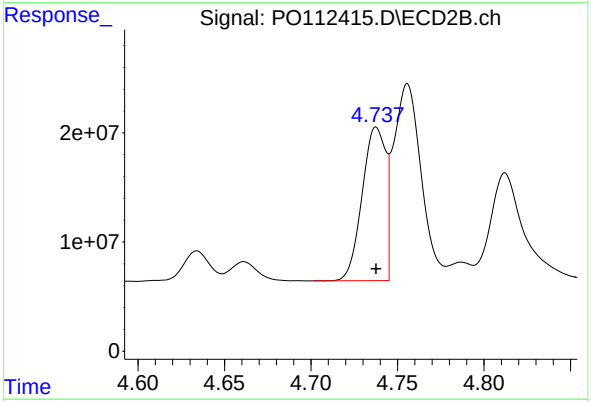
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 136562488
Conc: 75.15 ng/ml



#3 AR-1016-1

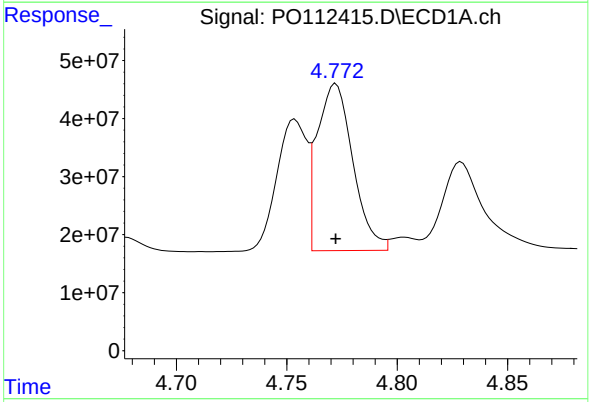
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 213861227
Conc: 748.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



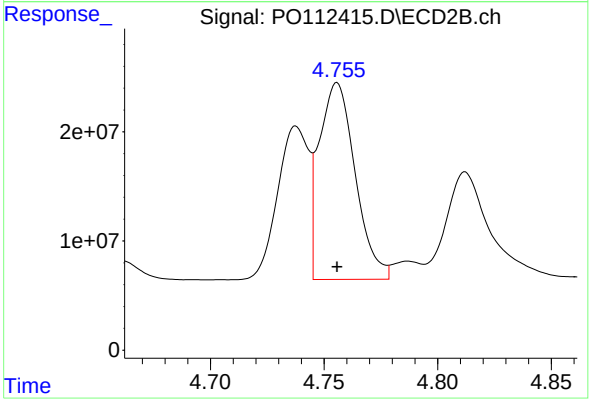
#3 AR-1016-1

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



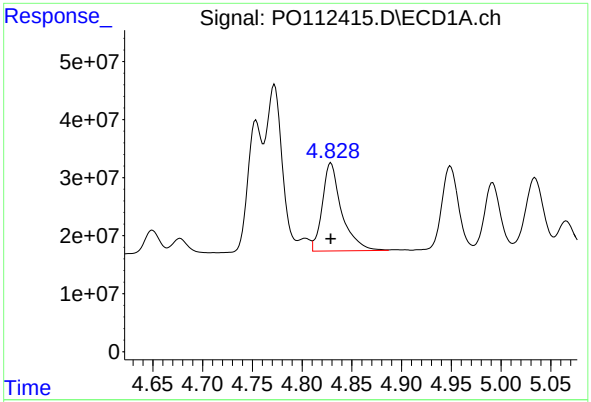
#4 AR-1016-2

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



#4 AR-1016-2

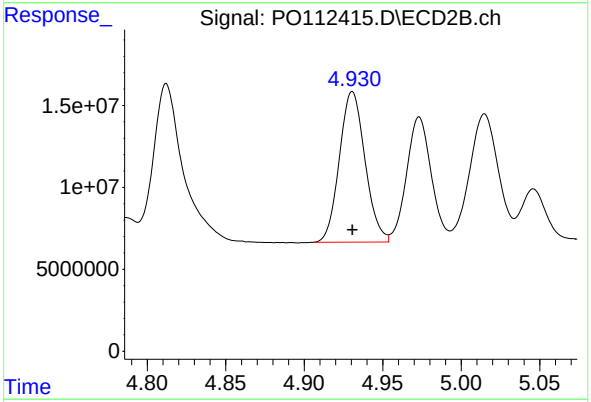
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 199544914
Conc: 754.07 ng/ml



#5 AR-1016-3

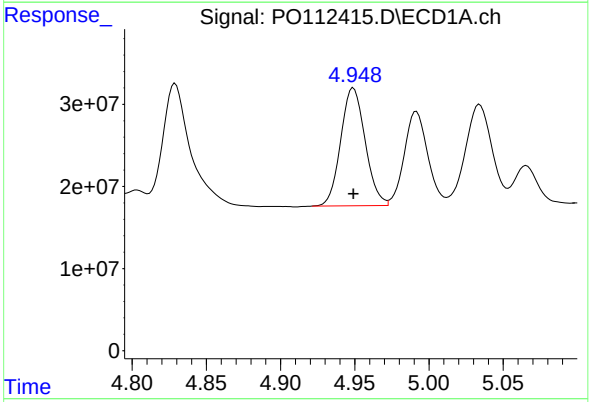
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 205345763
Conc: 759.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



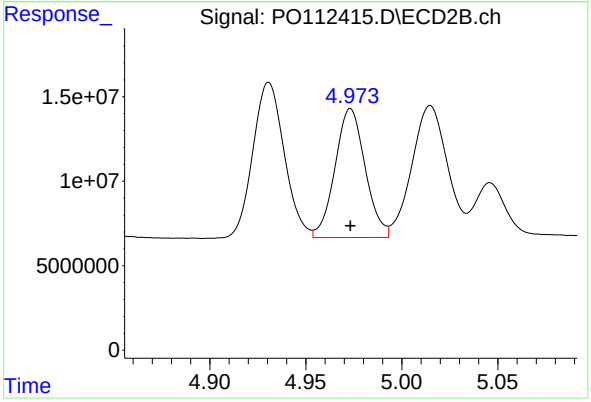
#5 AR-1016-3

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



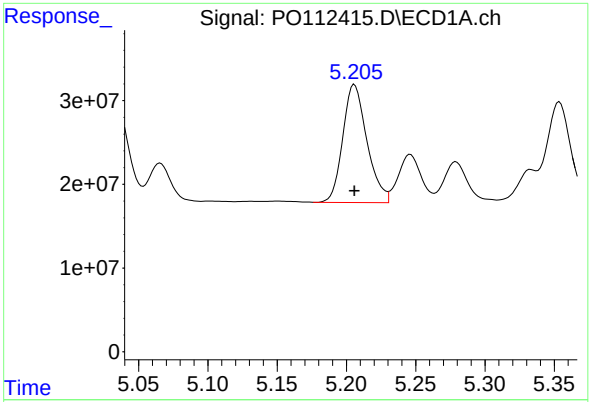
#6 AR-1016-4

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



#6 AR-1016-4

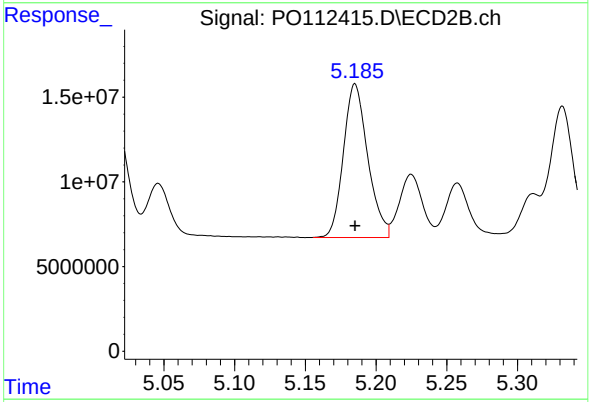
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 83762683
Conc: 751.77 ng/ml



#7 AR-1016-5

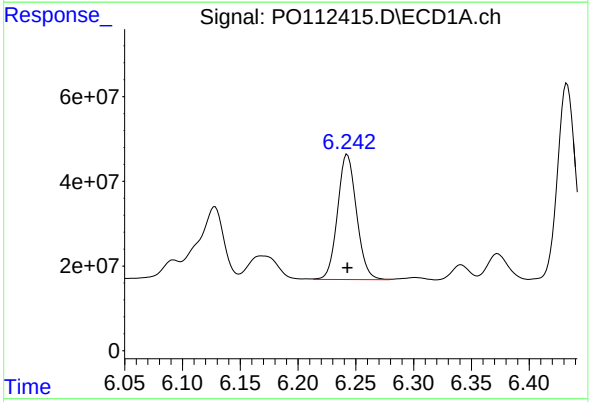
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 171201066
Conc: 751.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



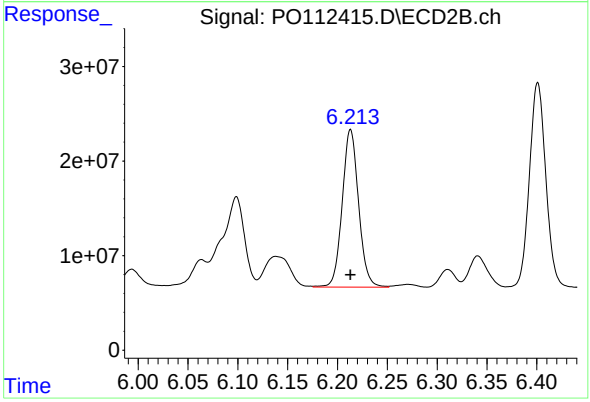
#7 AR-1016-5

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



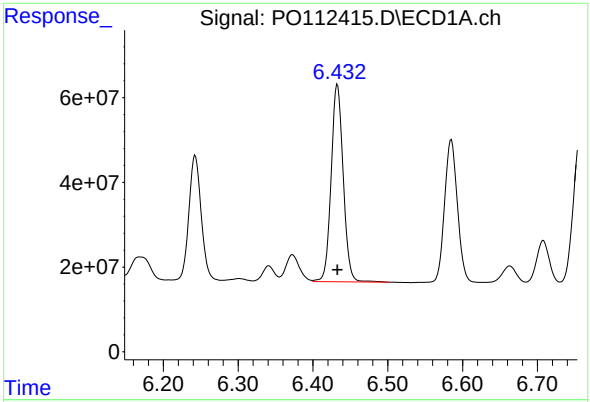
#31 AR-1260-1

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



#31 AR-1260-1

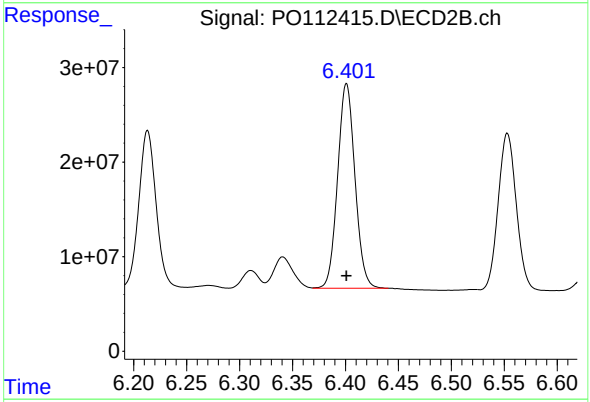
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 190532645
Conc: 756.62 ng/ml



#32 AR-1260-2

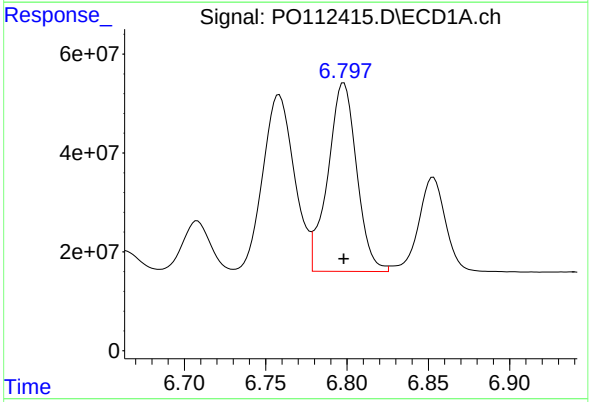
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 523690898
Conc: 750.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



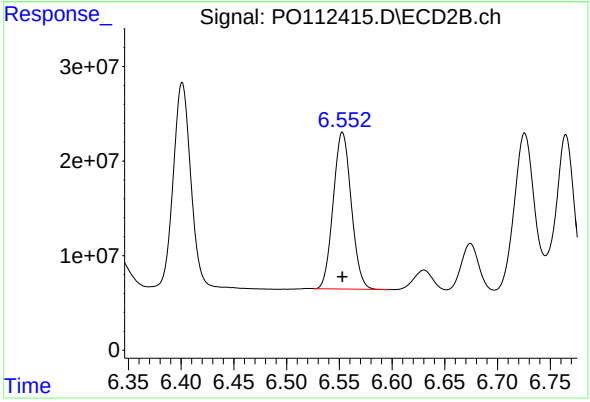
#32 AR-1260-2

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



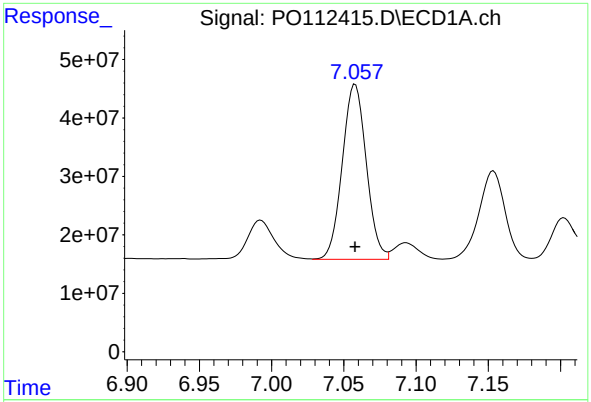
#33 AR-1260-3

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



#33 AR-1260-3

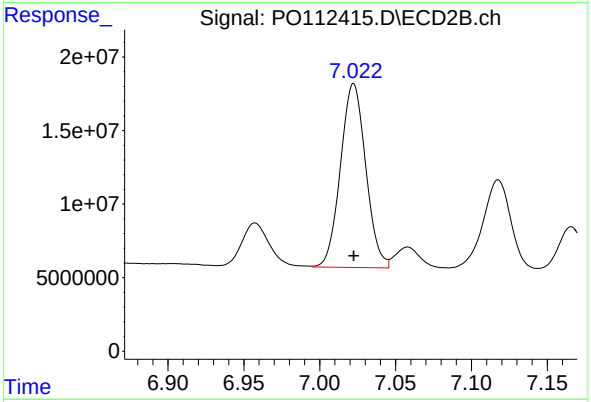
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 197026220
Conc: 749.87 ng/ml



#34 AR-1260-4

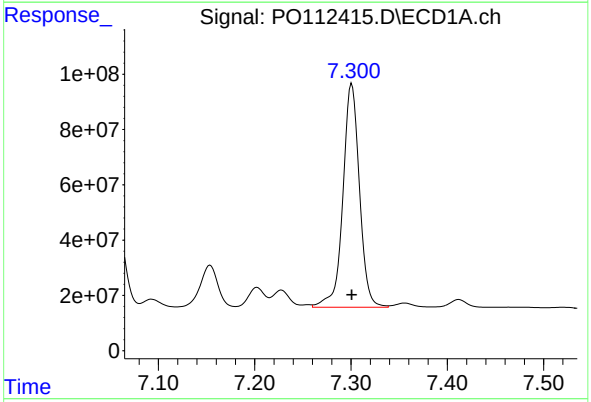
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 345785725
Conc: 750.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



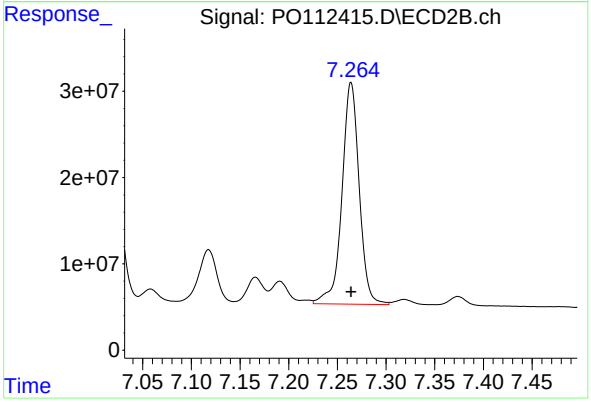
#34 AR-1260-4

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

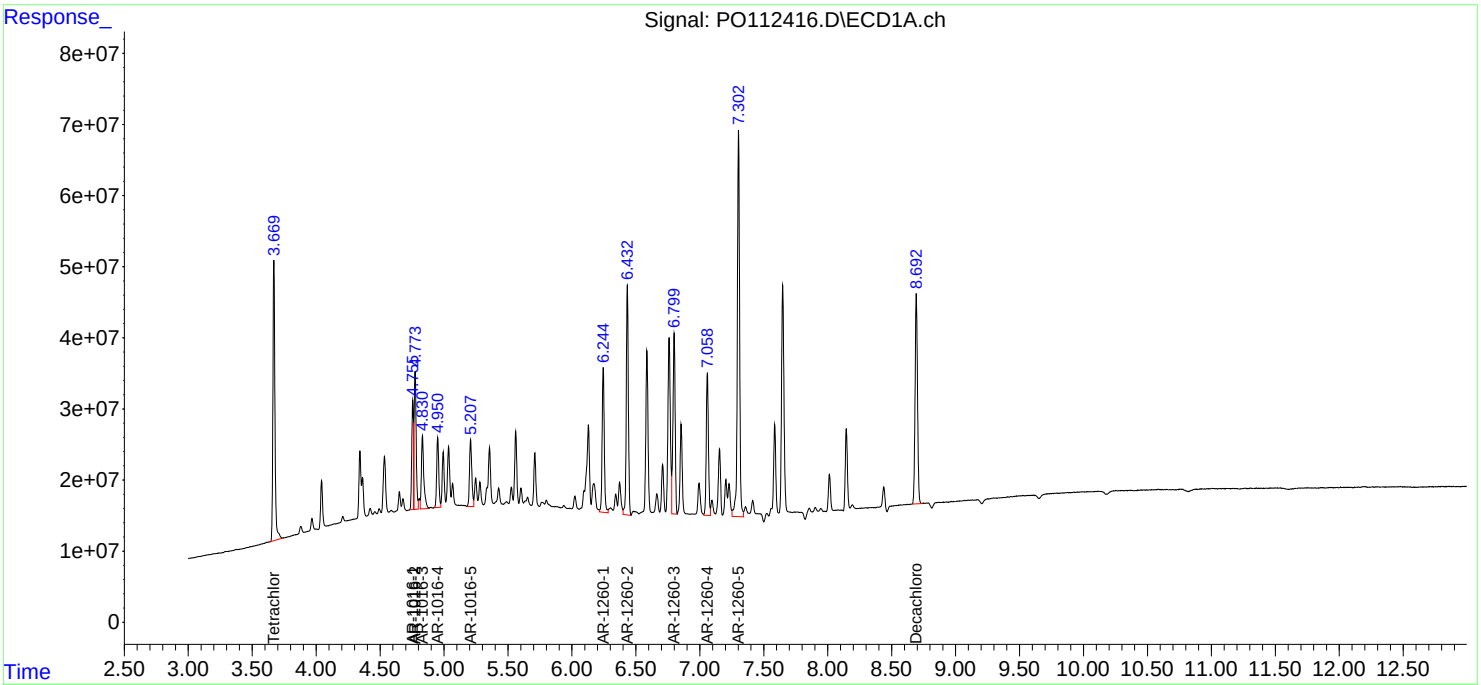
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

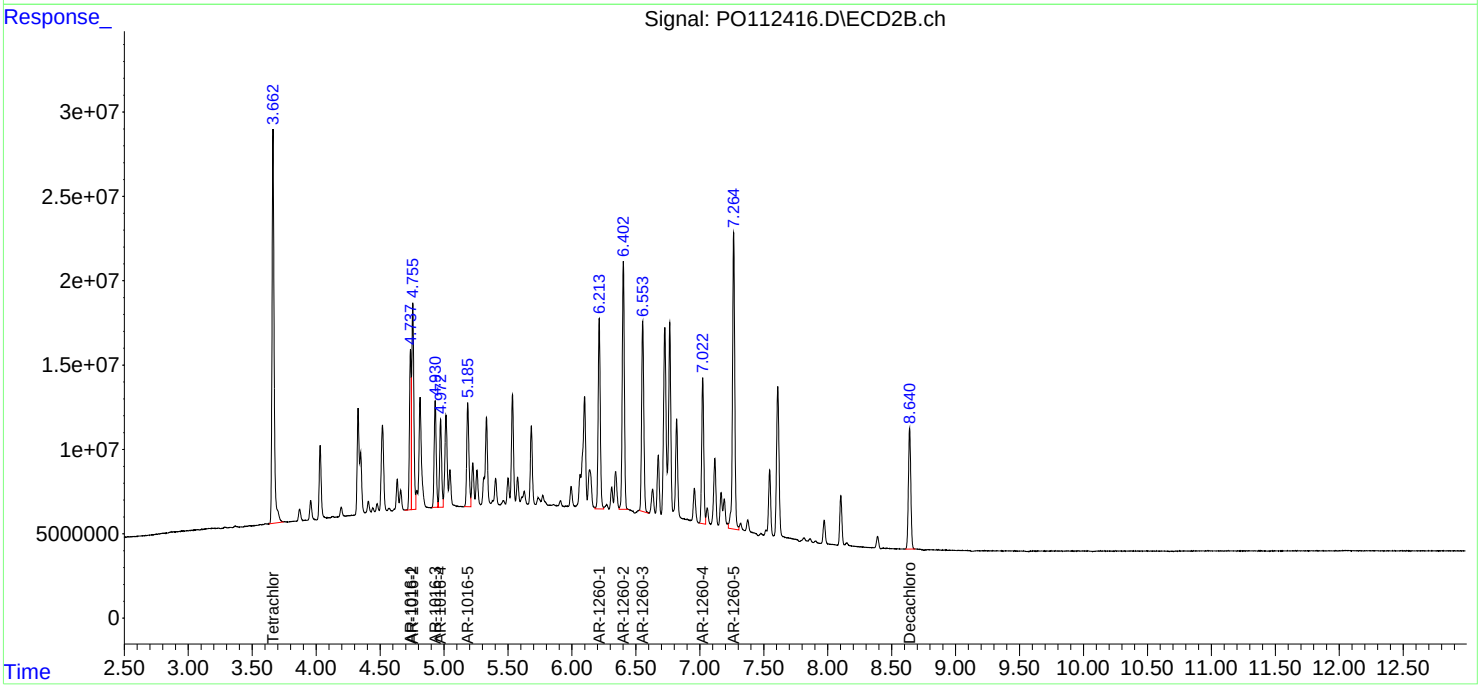
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:08
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

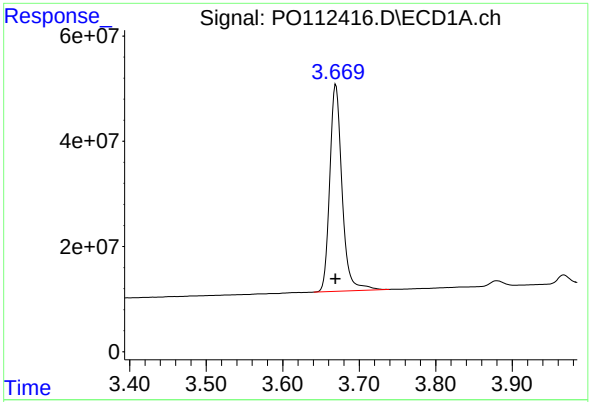
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

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



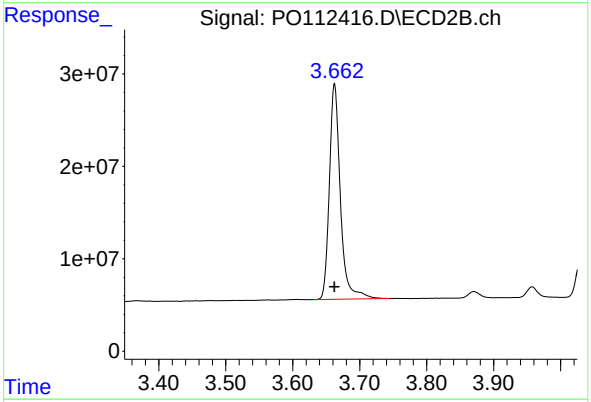




#1 Tetrachloro-m-xylene

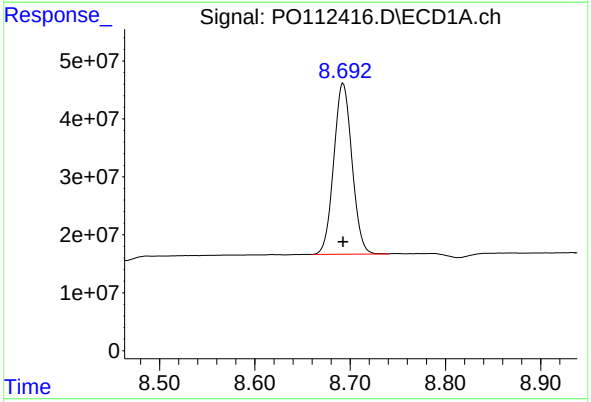
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 437703621
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



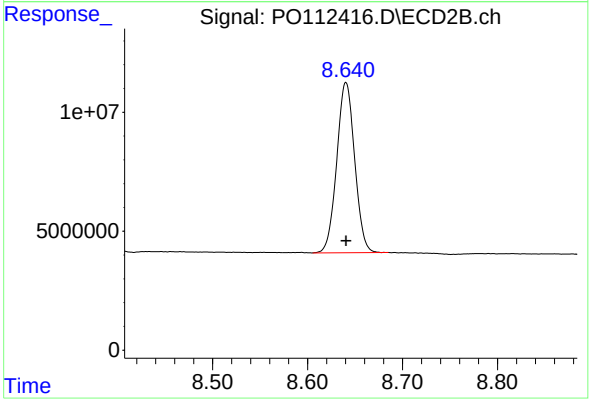
#1 Tetrachloro-m-xylene

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



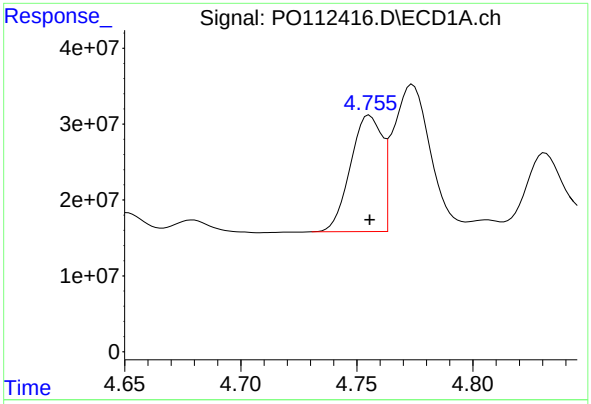
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

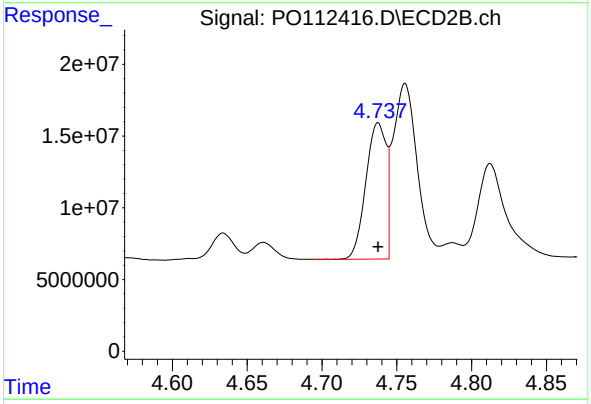
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 93890082
Conc: 50.00 ng/ml



#3 AR-1016-1

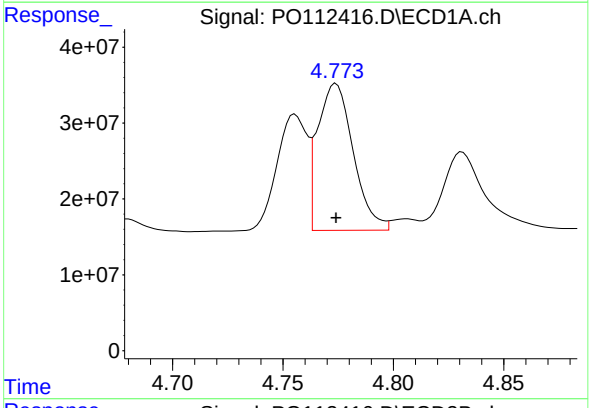
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 145424759
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



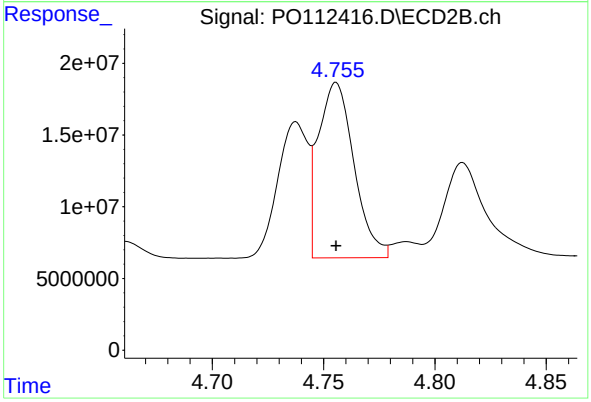
#3 AR-1016-1

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



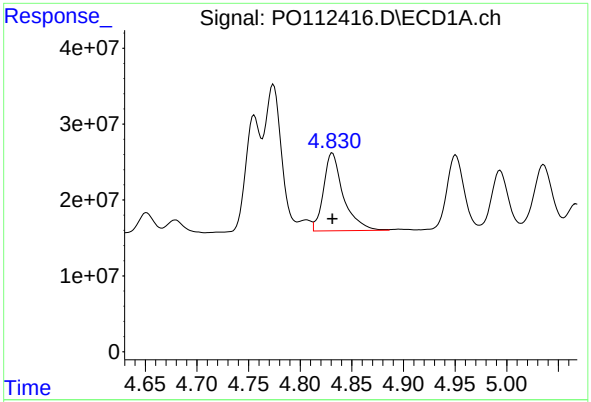
#4 AR-1016-2

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



#4 AR-1016-2

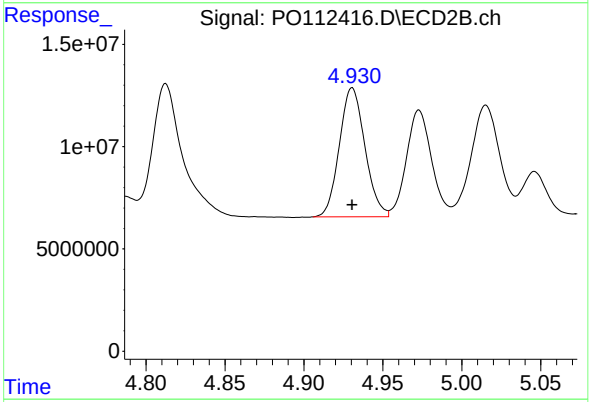
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 136766267
Conc: 500.00 ng/ml



#5 AR-1016-3

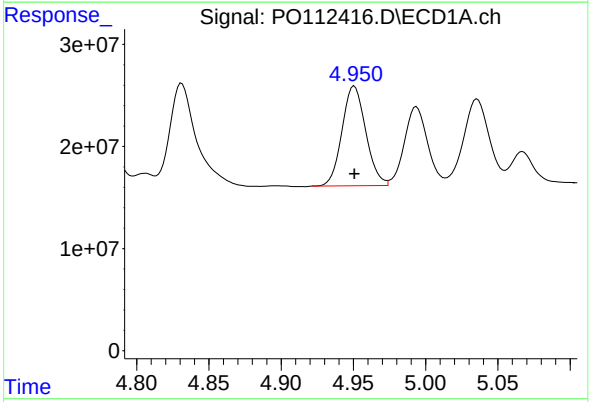
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 136805252
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



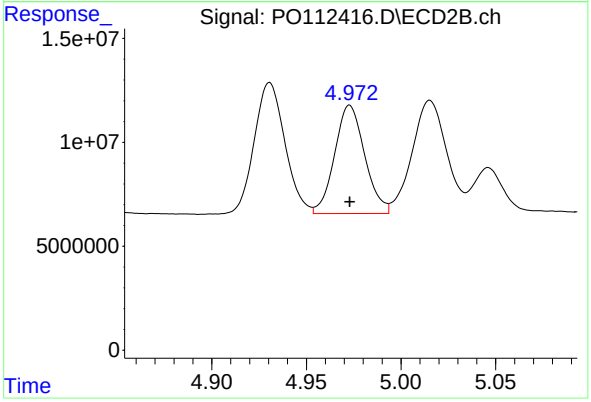
#5 AR-1016-3

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



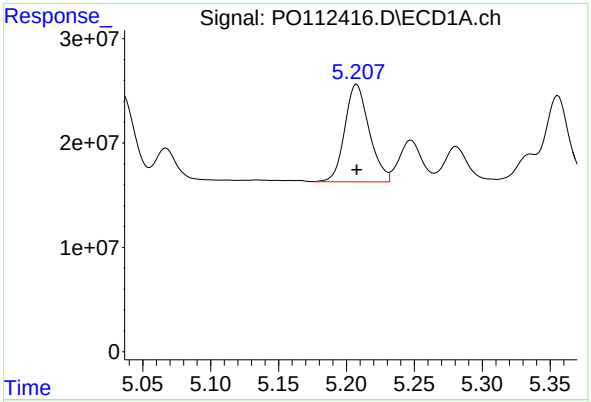
#6 AR-1016-4

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



#6 AR-1016-4

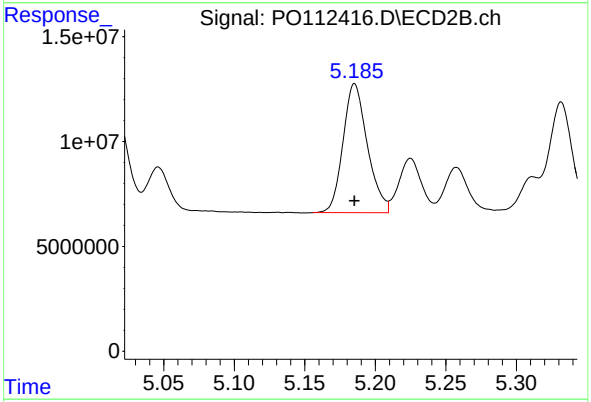
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 57830575
Conc: 500.00 ng/ml



#7 AR-1016-5

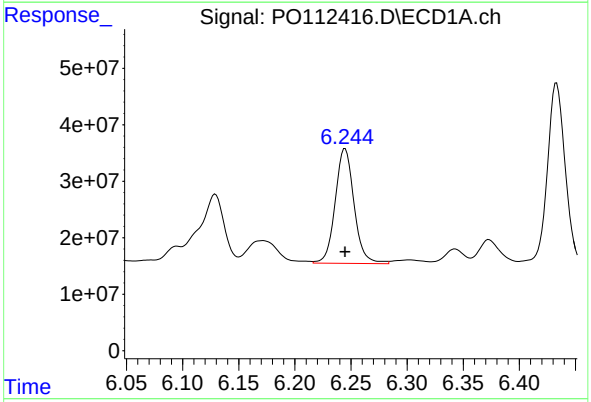
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 116933714
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



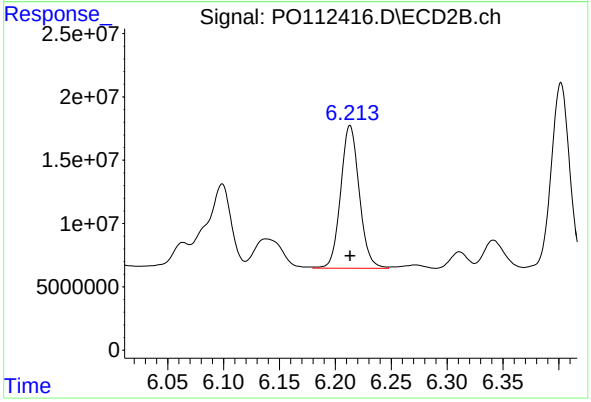
#7 AR-1016-5

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



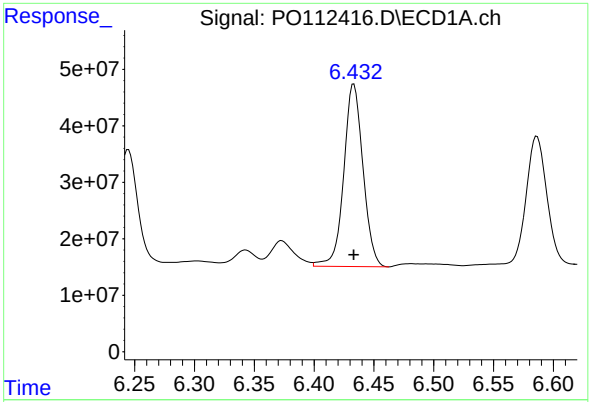
#31 AR-1260-1

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



#31 AR-1260-1

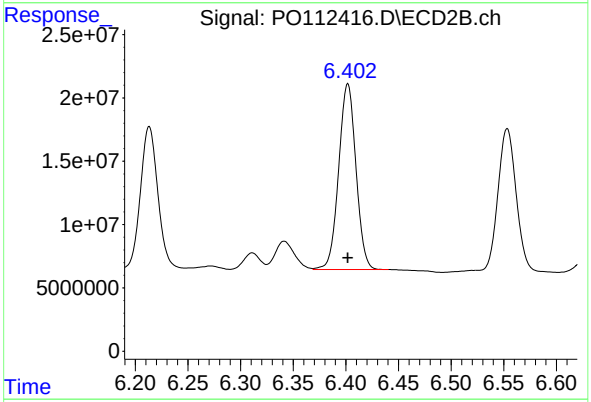
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 130567223
Conc: 500.00 ng/ml



#32 AR-1260-2

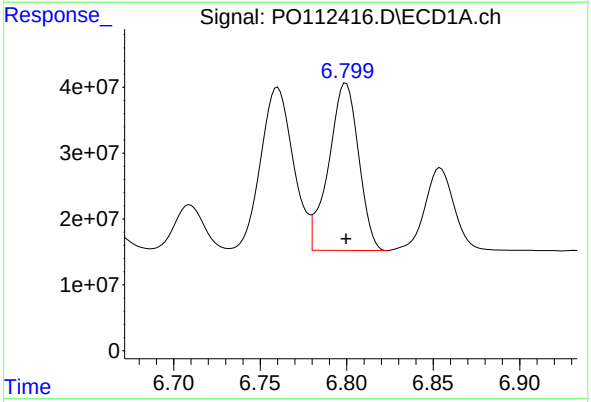
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 361472265
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



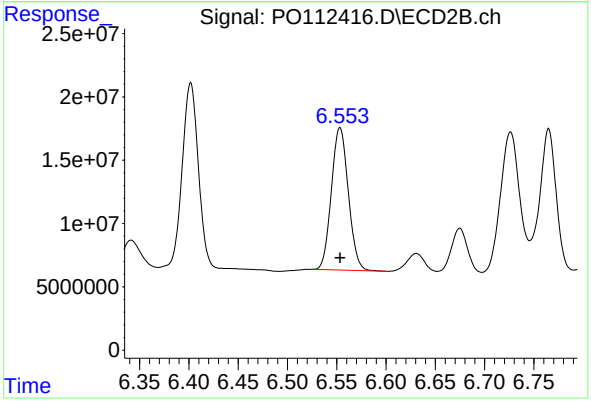
#32 AR-1260-2

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



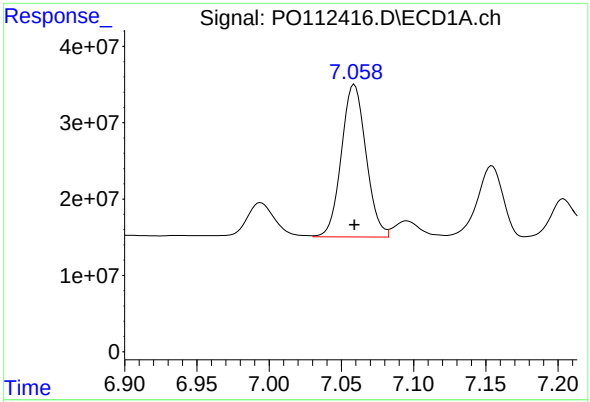
#33 AR-1260-3

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



#33 AR-1260-3

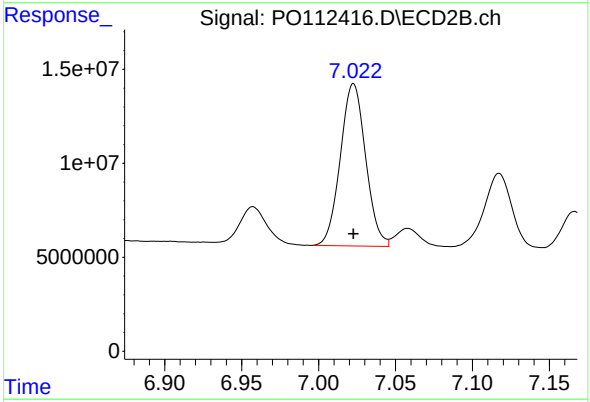
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 134648936
Conc: 500.00 ng/ml



#34 AR-1260-4

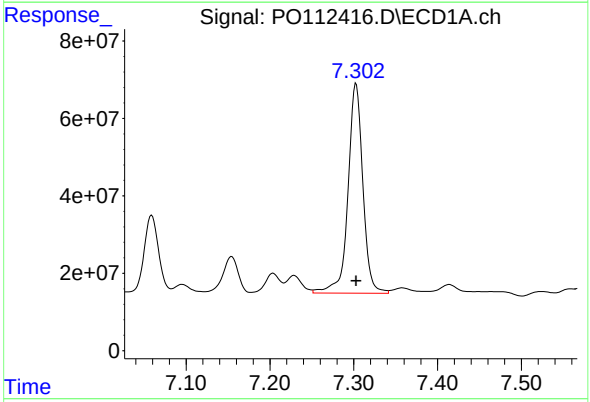
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 236624452
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



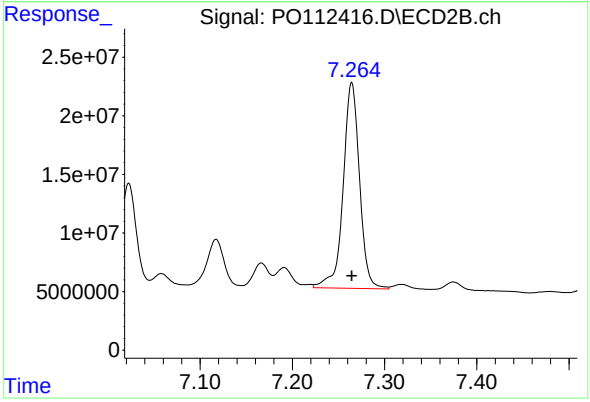
#34 AR-1260-4

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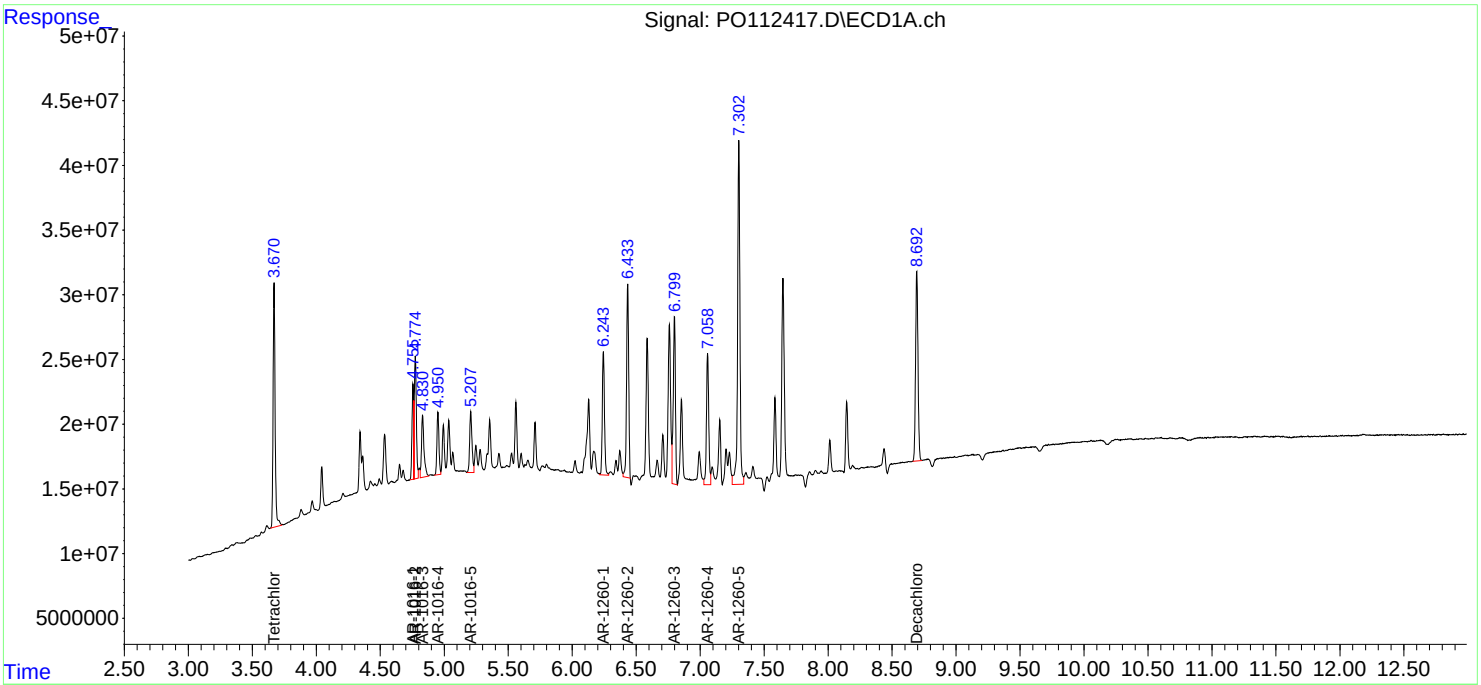
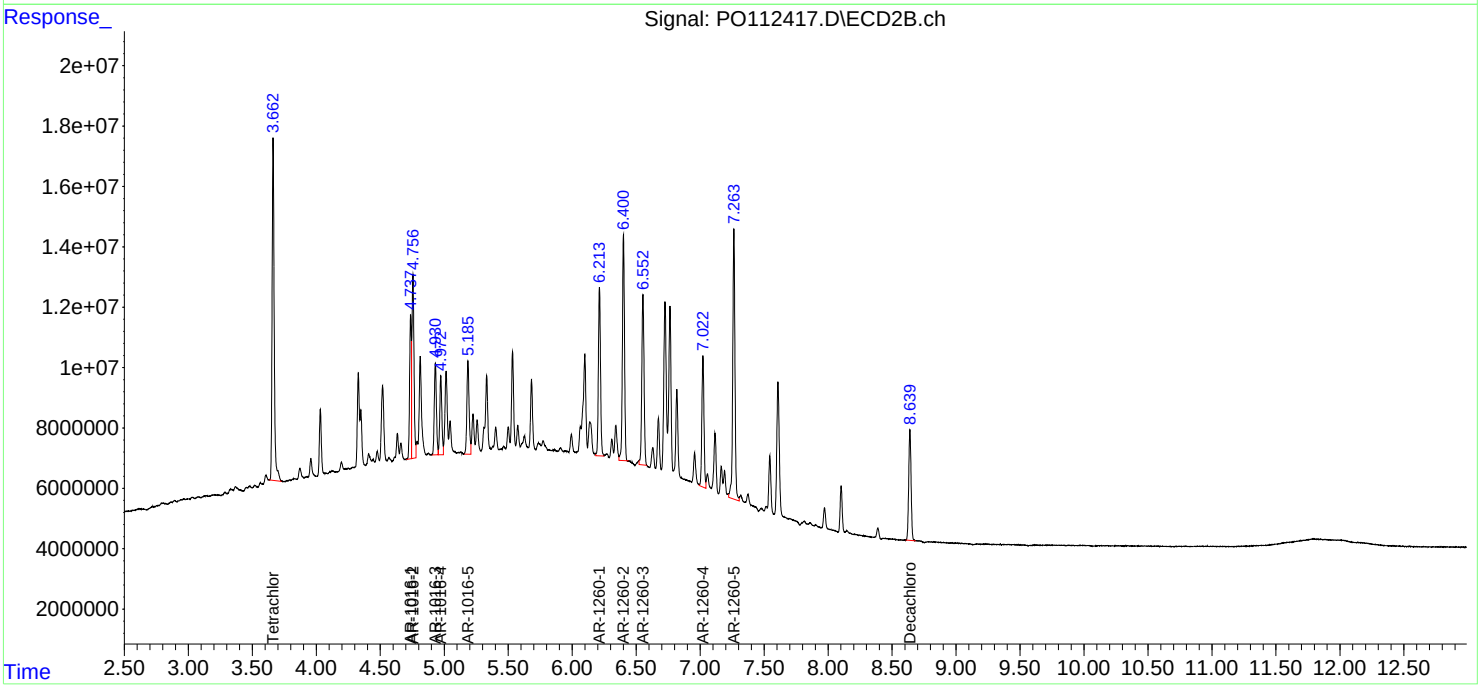
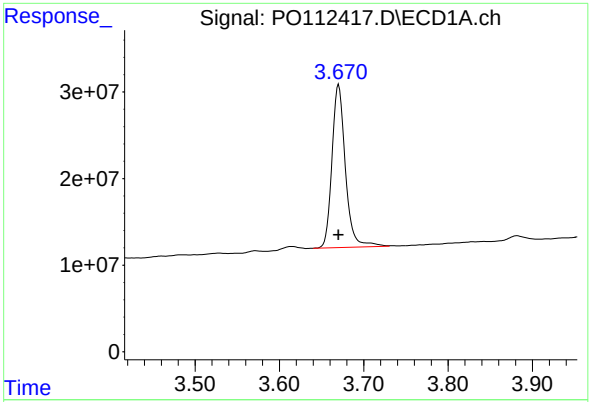
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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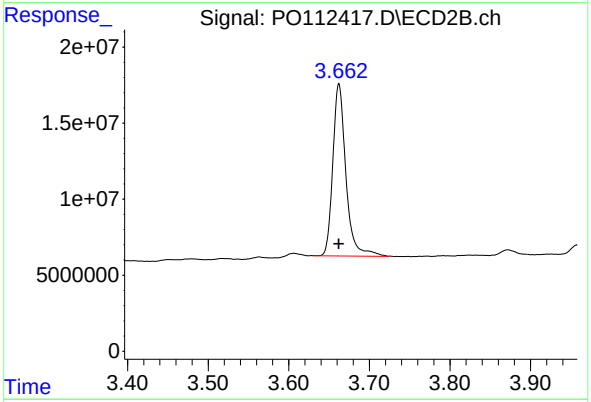
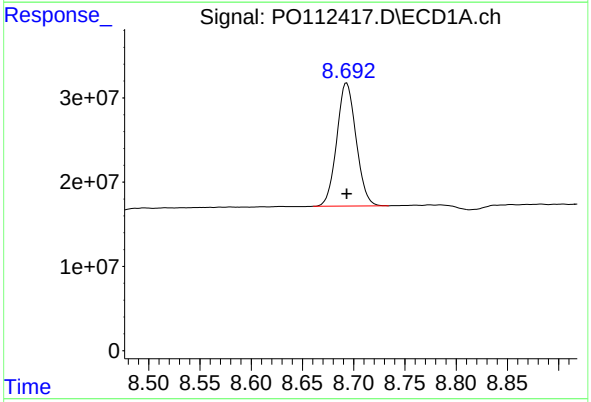


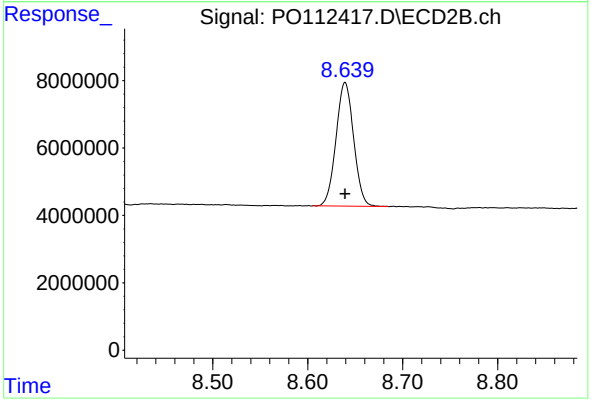
#1 Tetrachloro-m-xylene

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



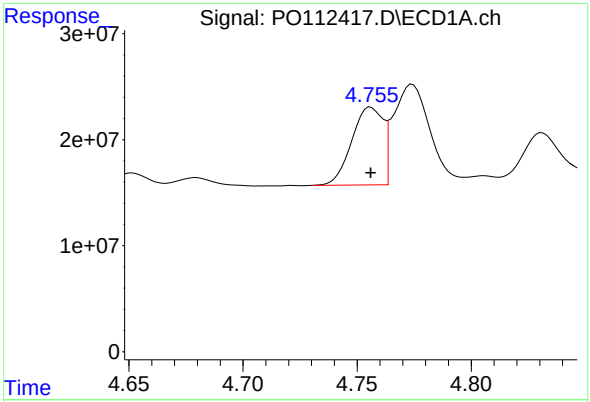
#2 Decachlorobiphenyl

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
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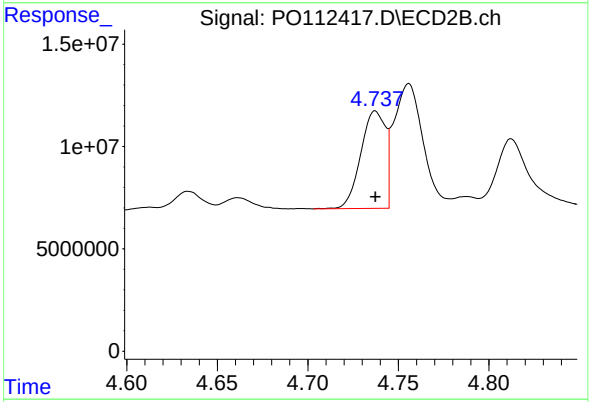
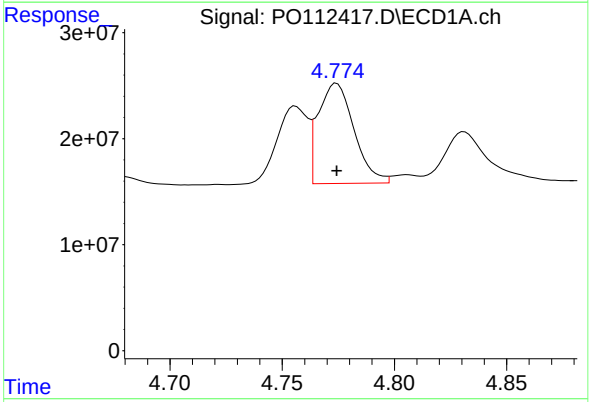


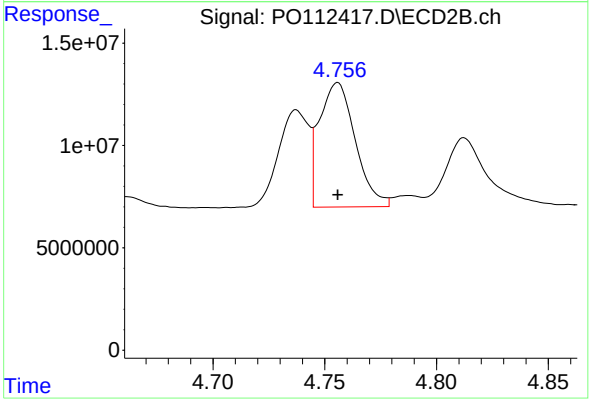
#3 AR-1016-1

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



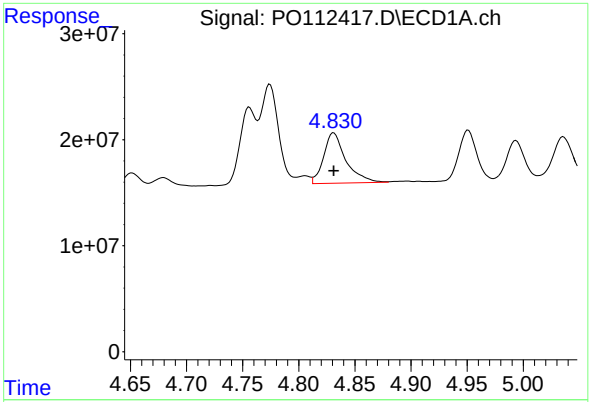
#4 AR-1016-2

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



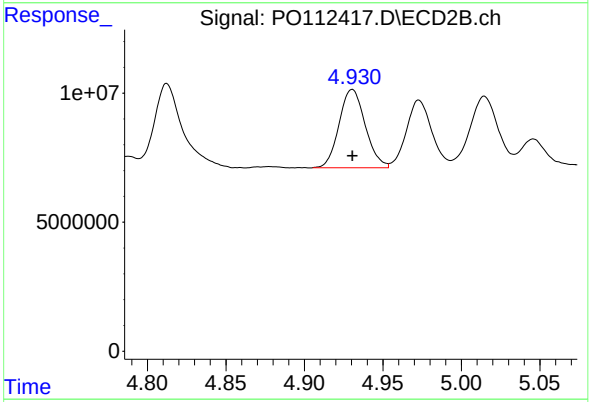
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

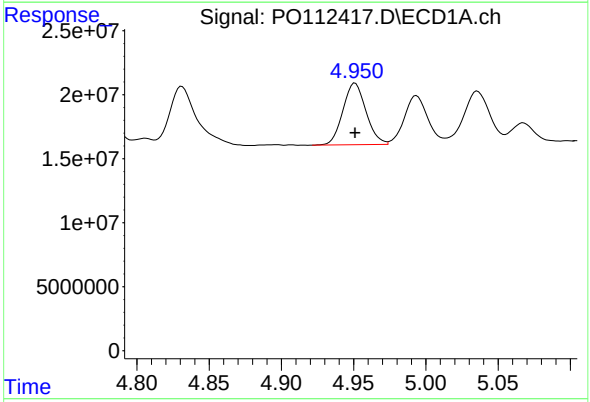
Manual Integrations APPROVED

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



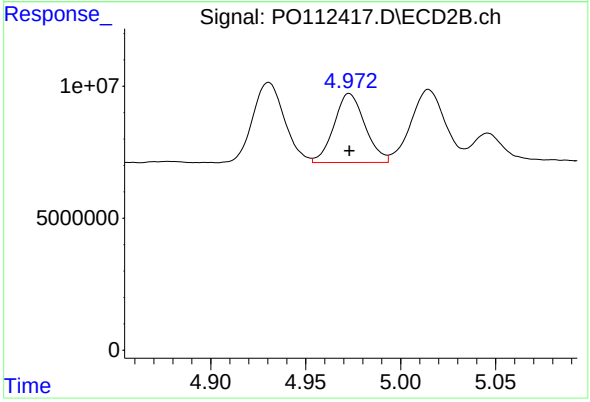
#5 AR-1016-3

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



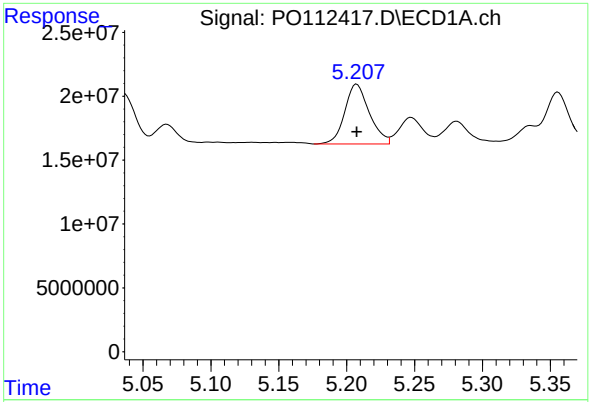
#6 AR-1016-4

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

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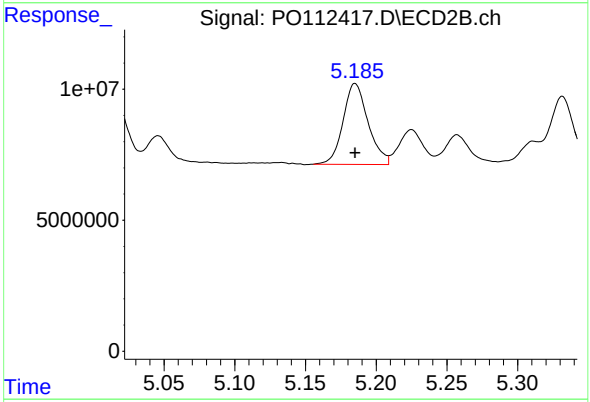
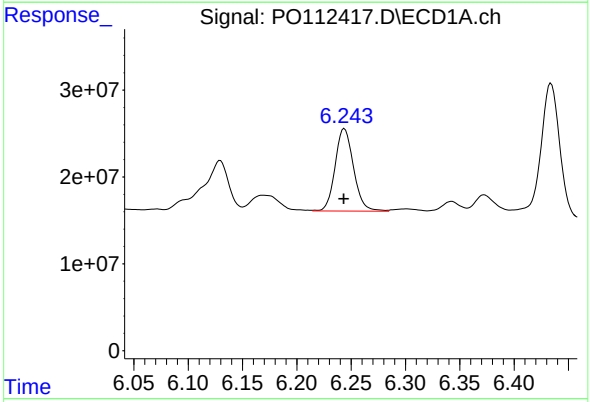


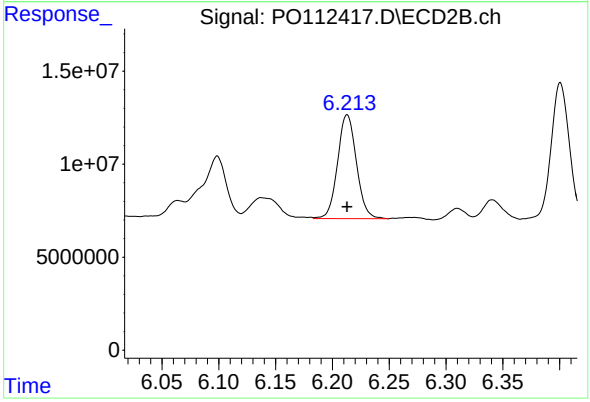
#7 AR-1016-5

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



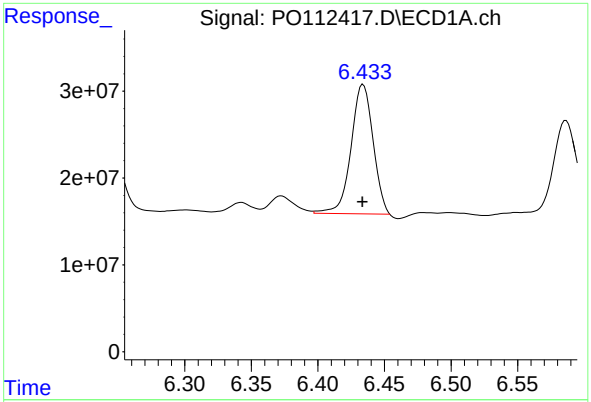
#31 AR-1260-1

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



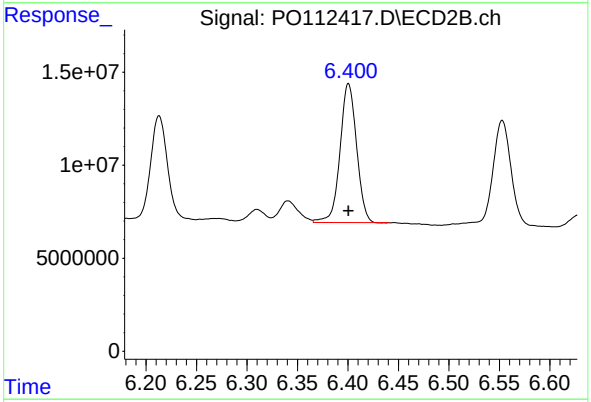
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

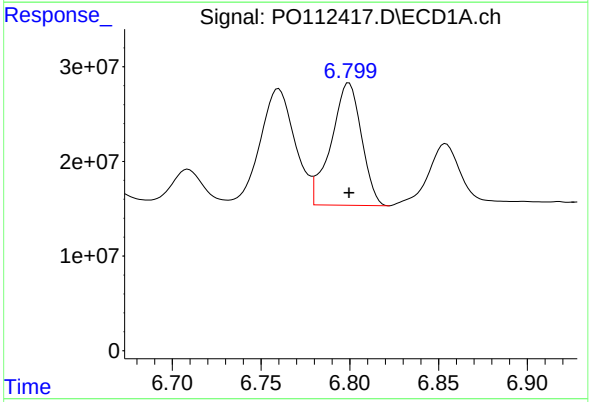
Manual Integrations APPROVED

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



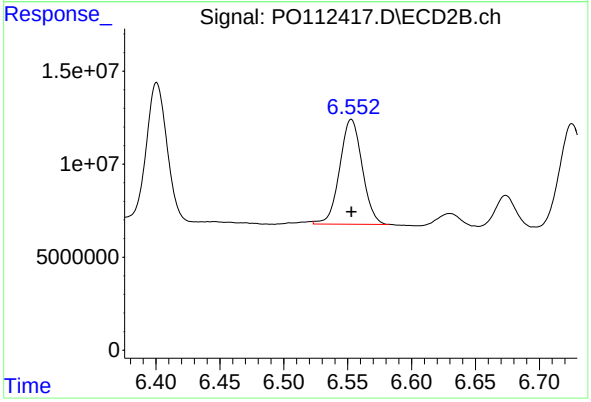
#32 AR-1260-2

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



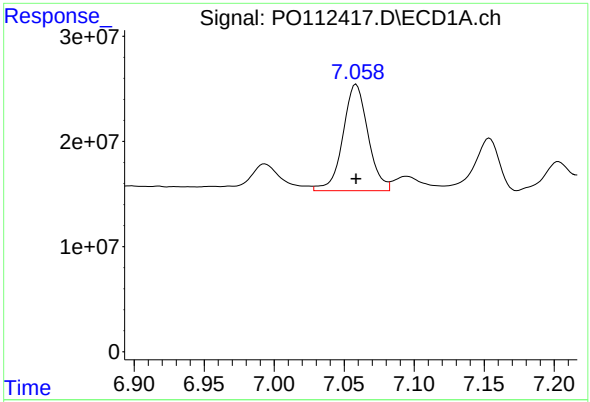
#33 AR-1260-3

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

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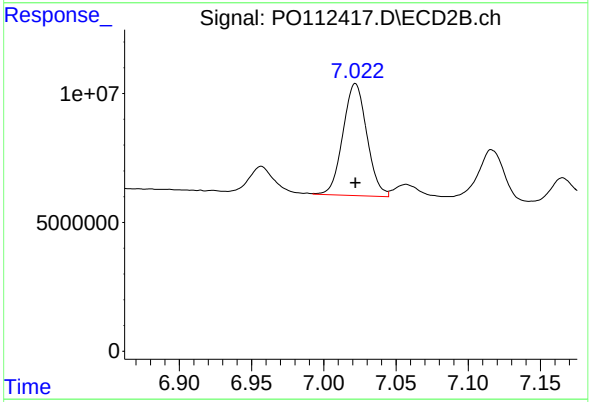
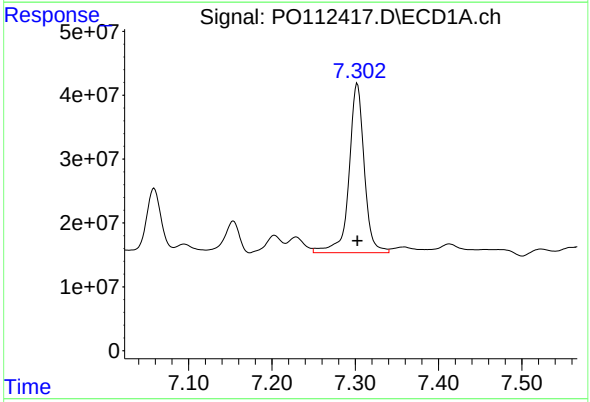
Supervised By :mohammad ahmed 07/25/2025



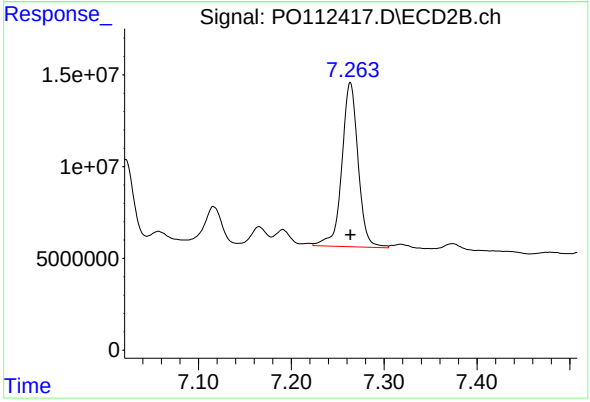
#34 AR-1260-4

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

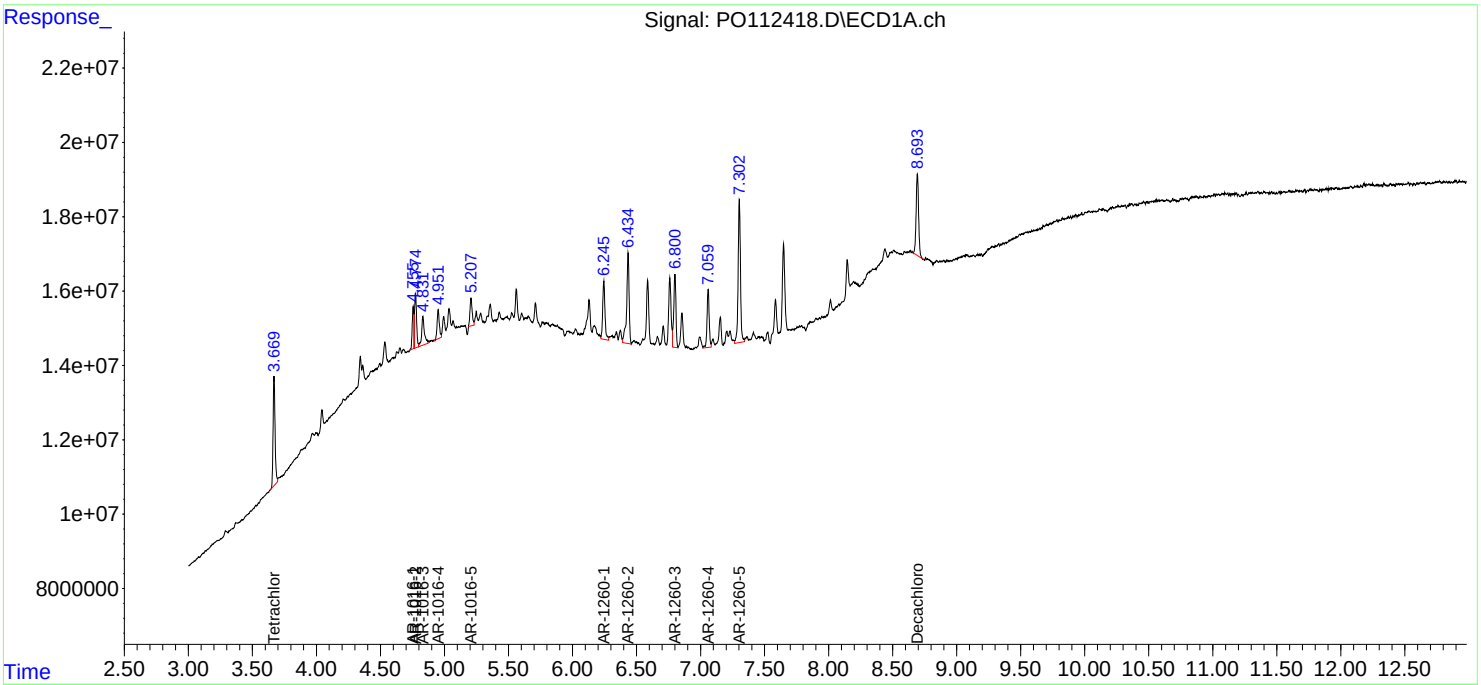
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

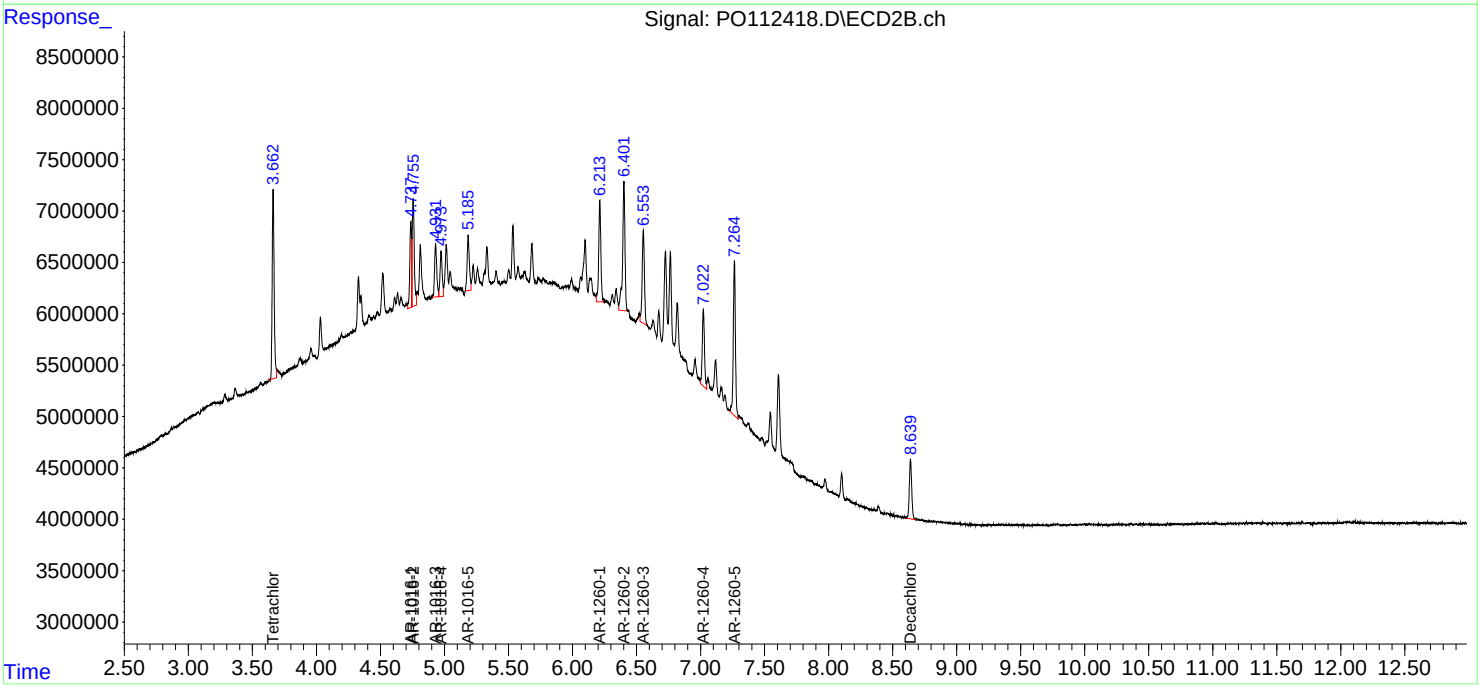
Manual Integrations APPROVED

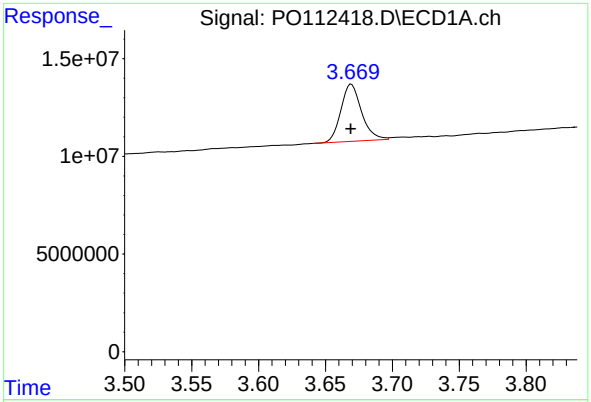
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







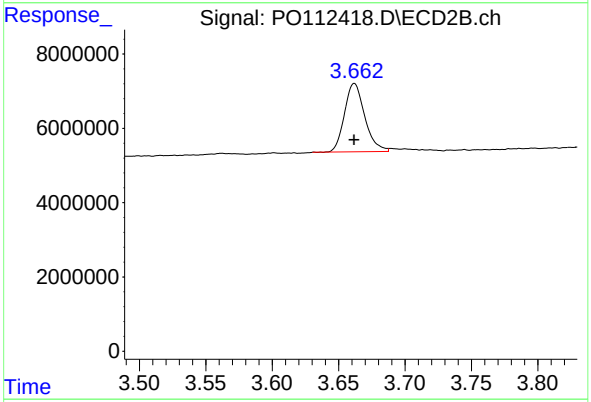
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

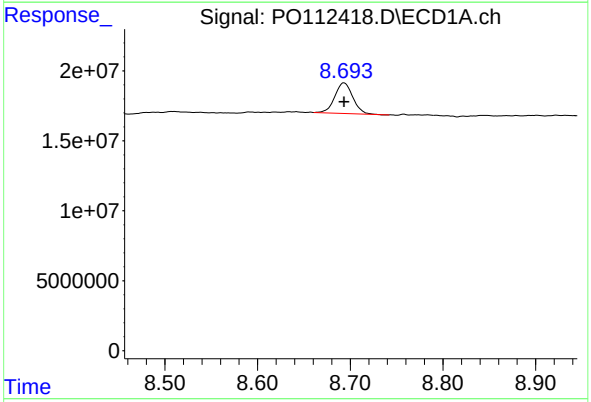
Manual Integrations APPROVED

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



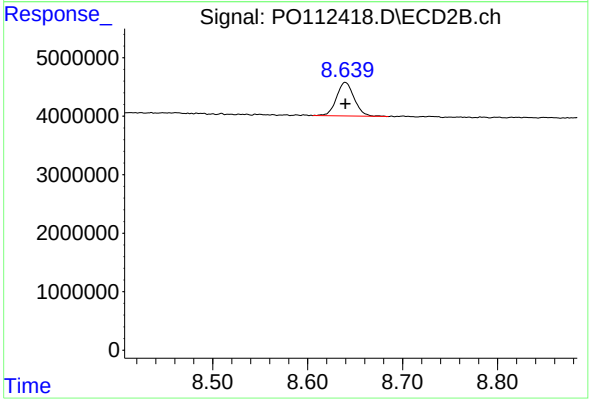
#1 Tetrachloro-m-xylene

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



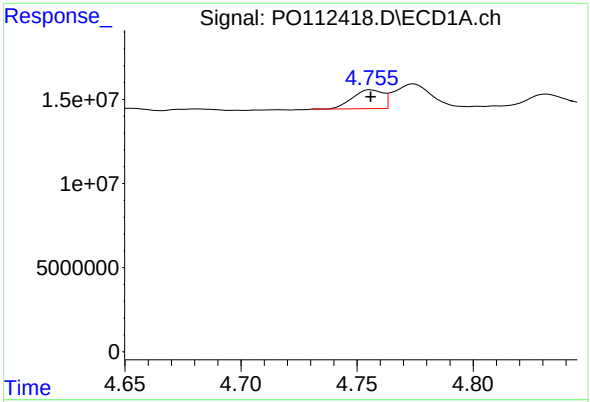
#2 Decachlorobiphenyl

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



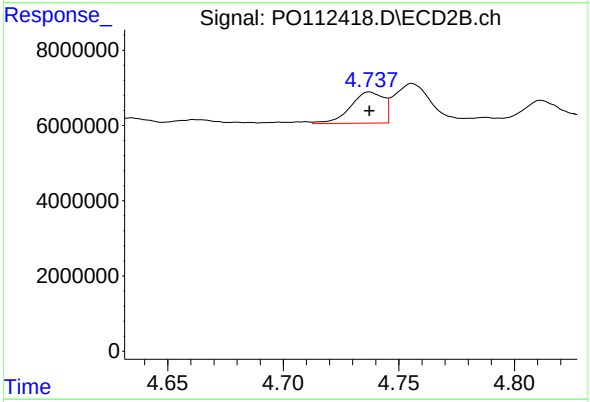
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

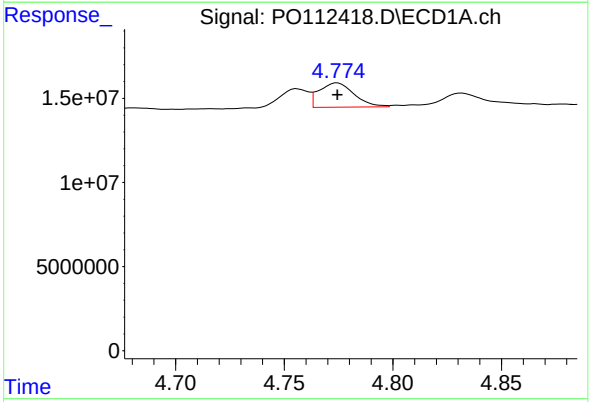
Manual Integrations APPROVED

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



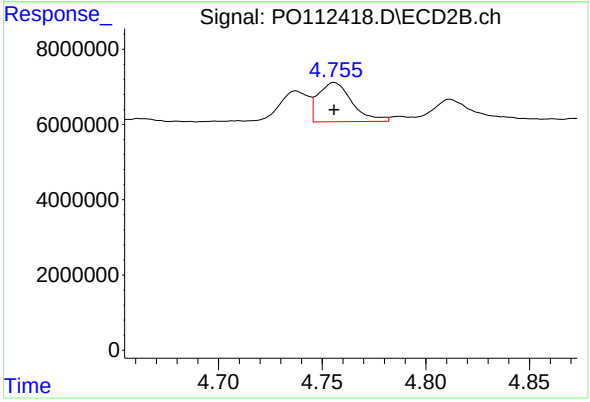
#3 AR-1016-1

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



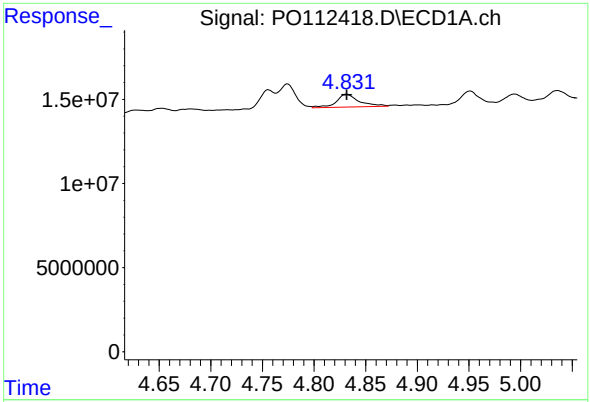
#4 AR-1016-2

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



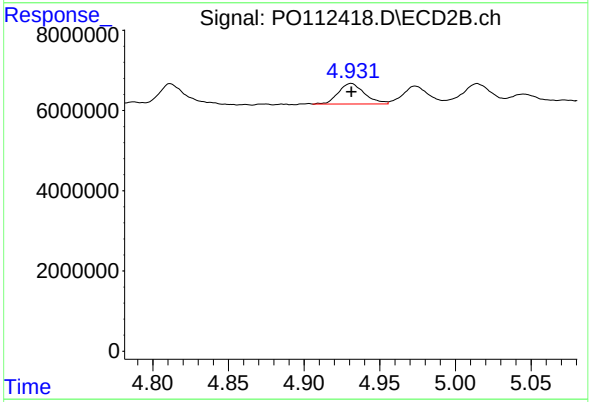
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

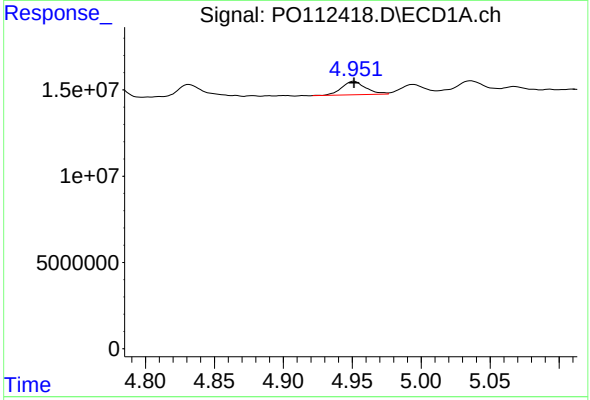
Manual Integrations APPROVED

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



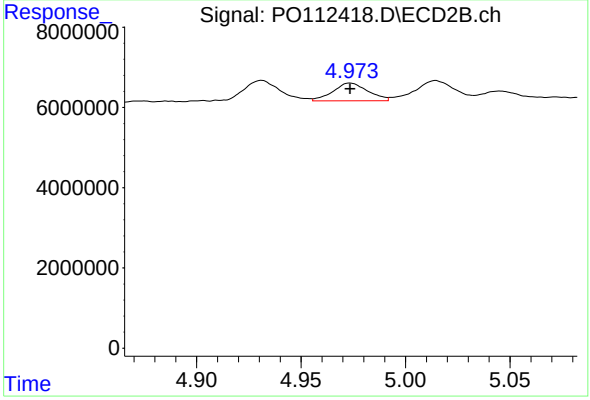
#5 AR-1016-3

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



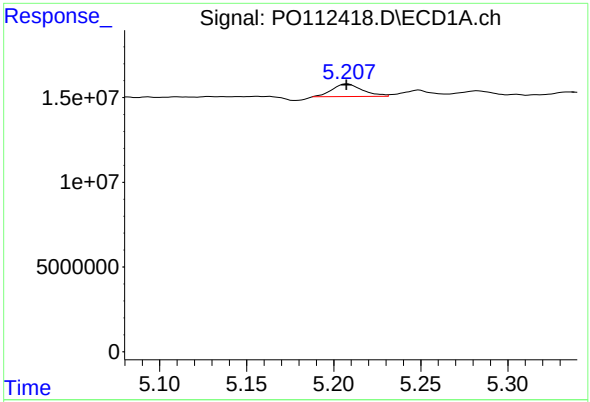
#6 AR-1016-4

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



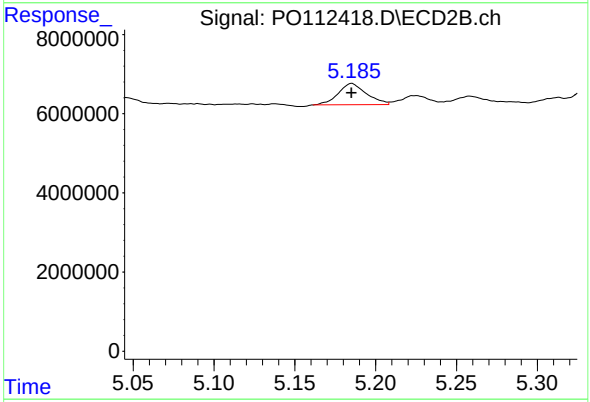
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

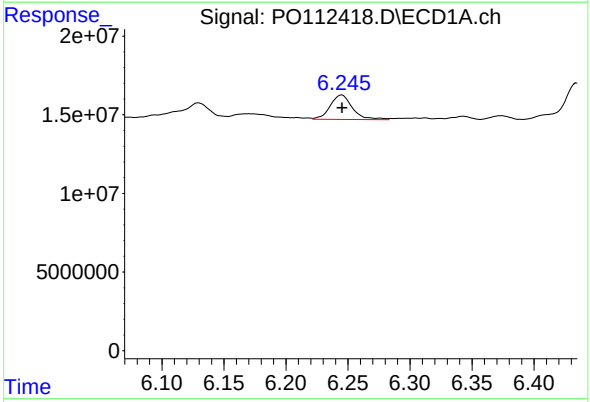
Manual Integrations APPROVED

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



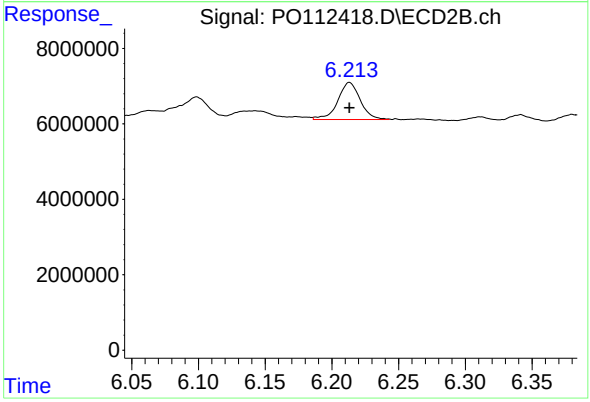
#7 AR-1016-5

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



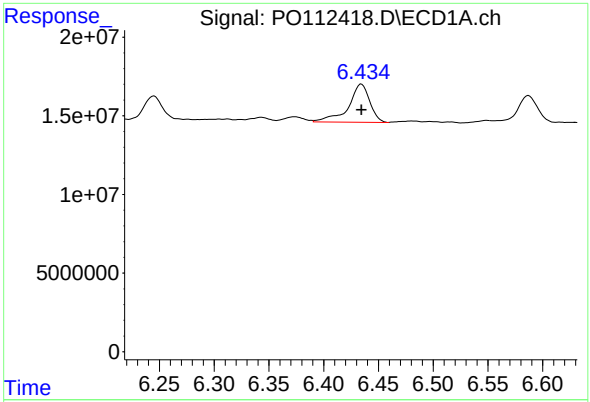
#31 AR-1260-1

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



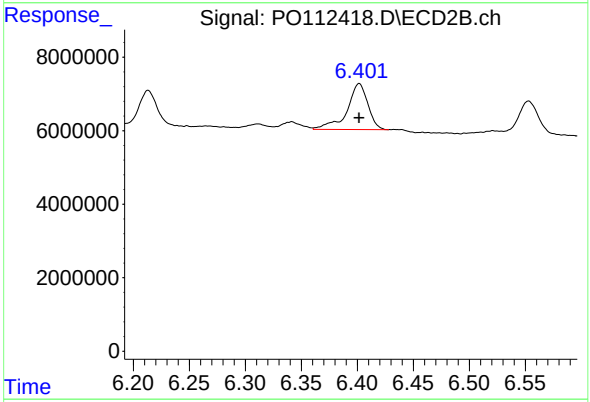
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

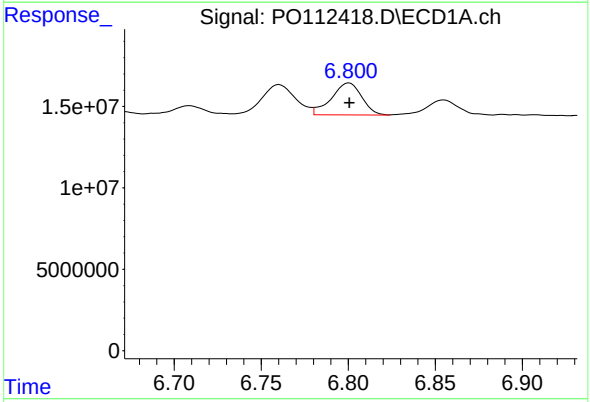
Manual Integrations APPROVED

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



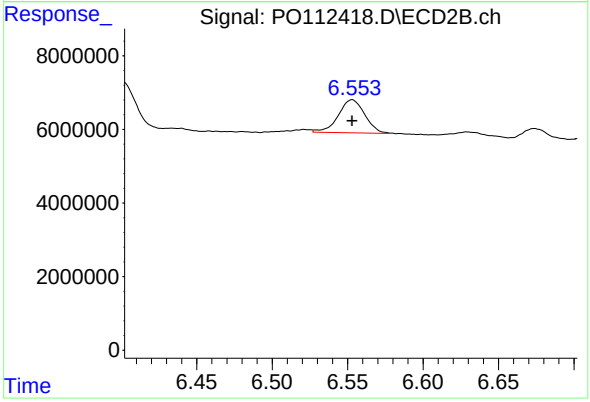
#32 AR-1260-2

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



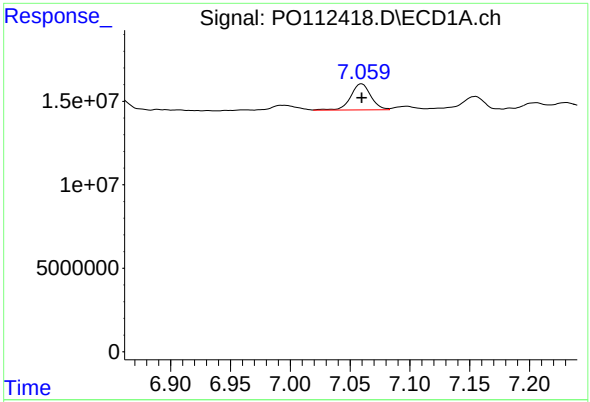
#33 AR-1260-3

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



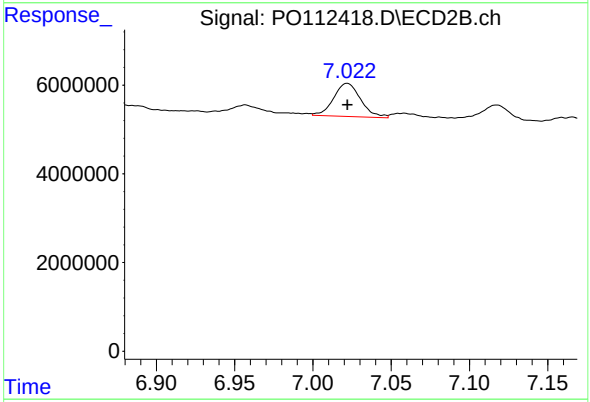
#34 AR-1260-4

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

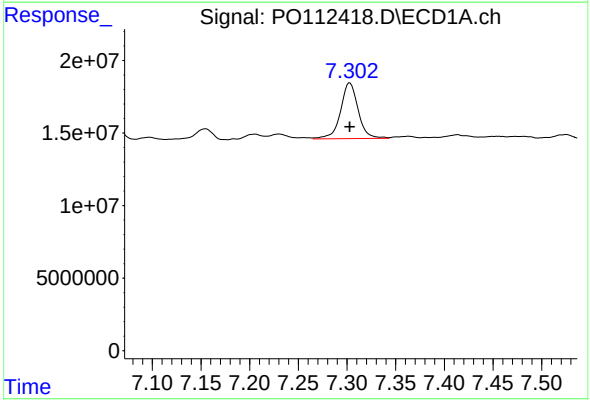
Manual Integrations APPROVED

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



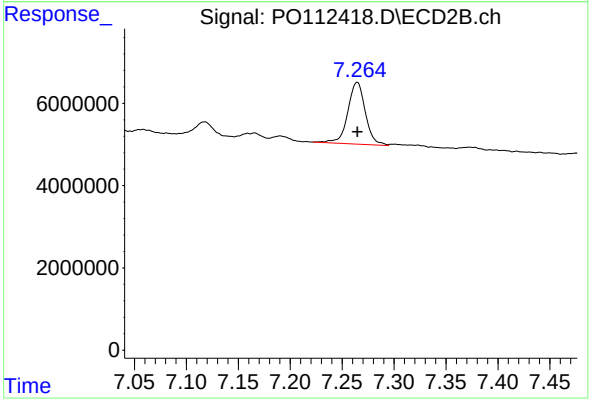
#34 AR-1260-4

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

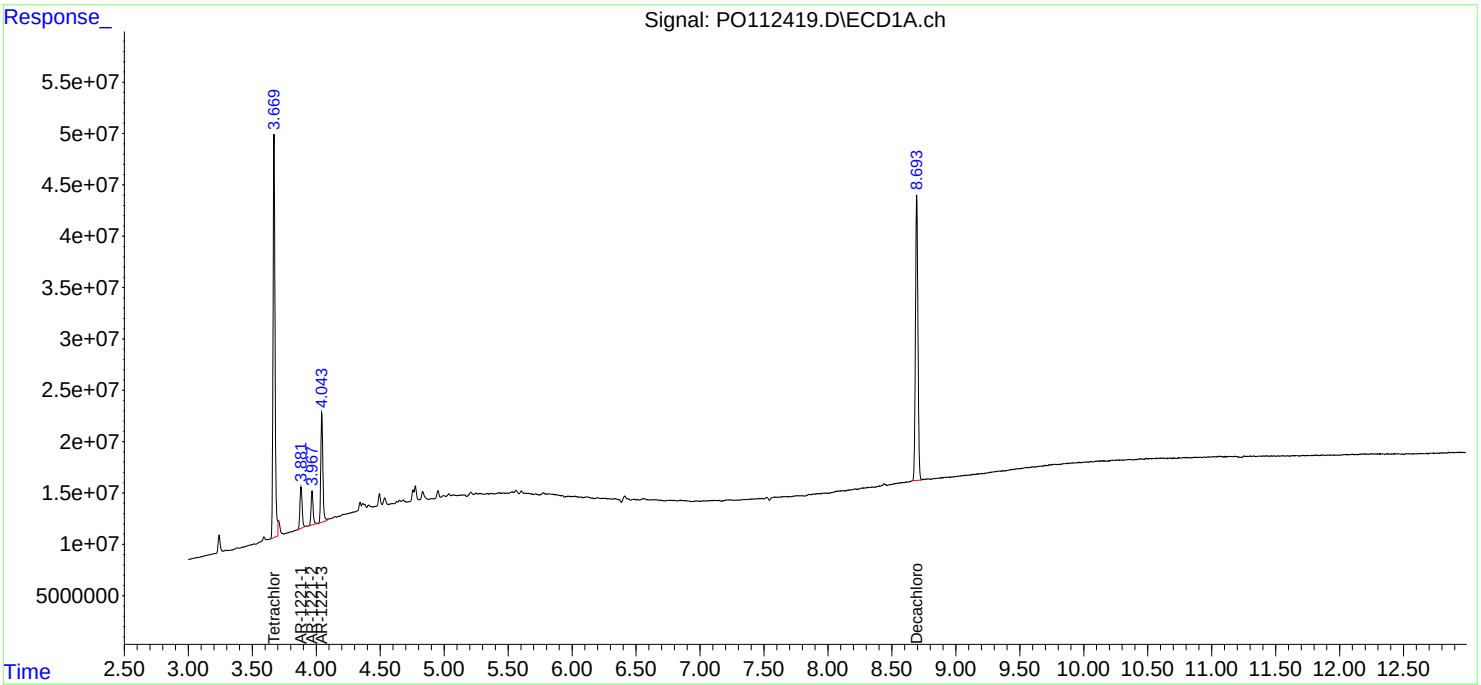
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

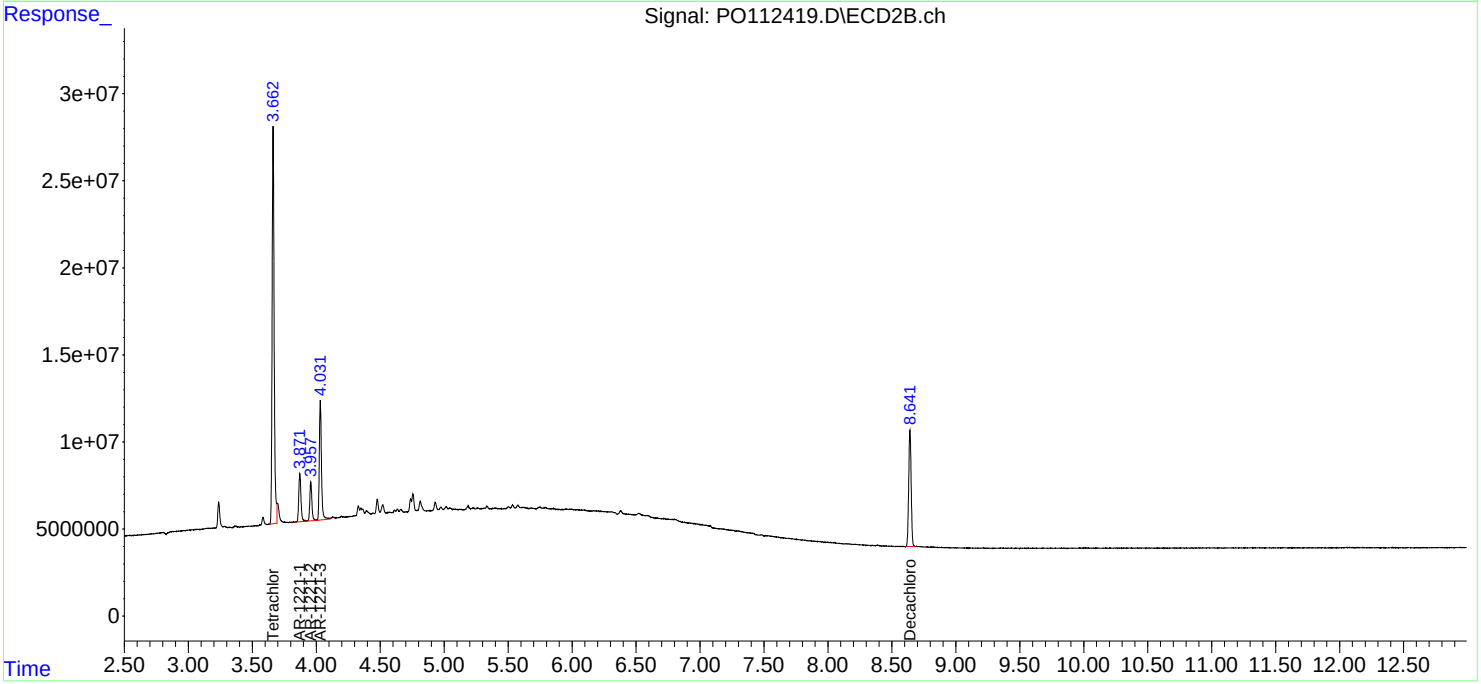
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:03
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

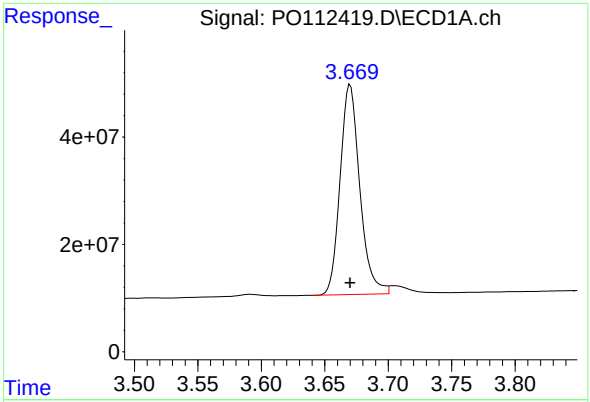
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

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



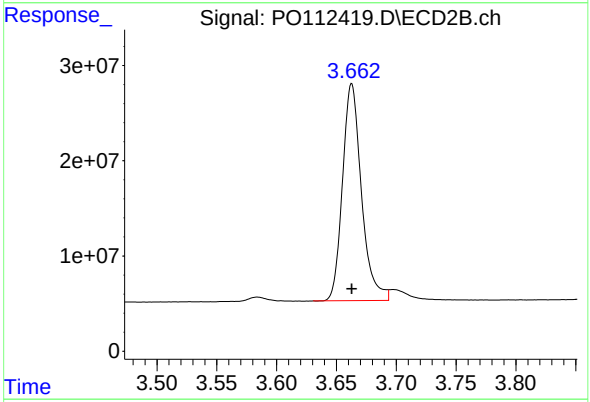




#1 Tetrachloro-m-xylene

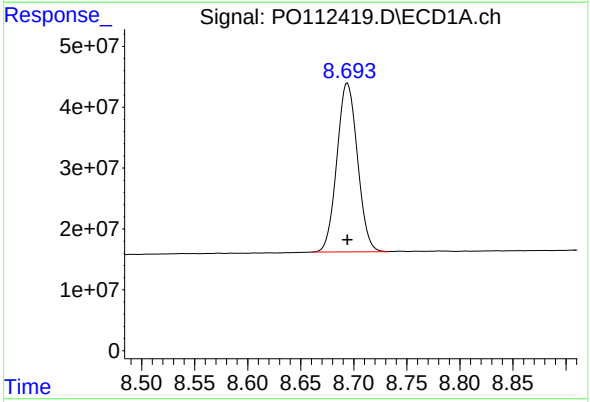
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 423227865
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



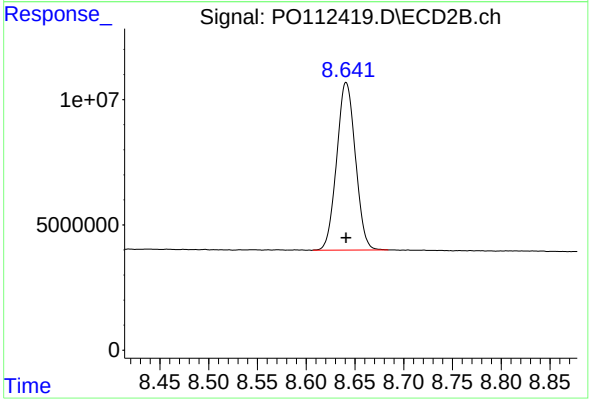
#1 Tetrachloro-m-xylene

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



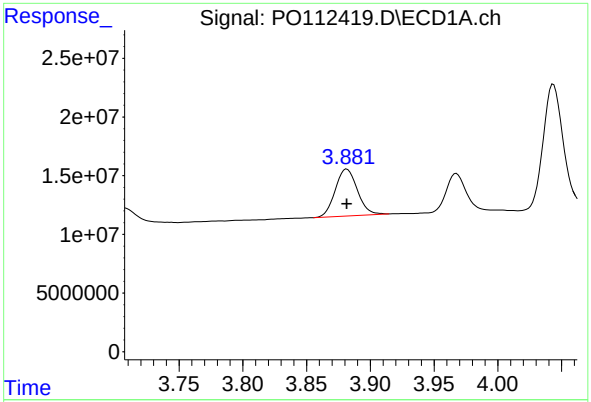
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

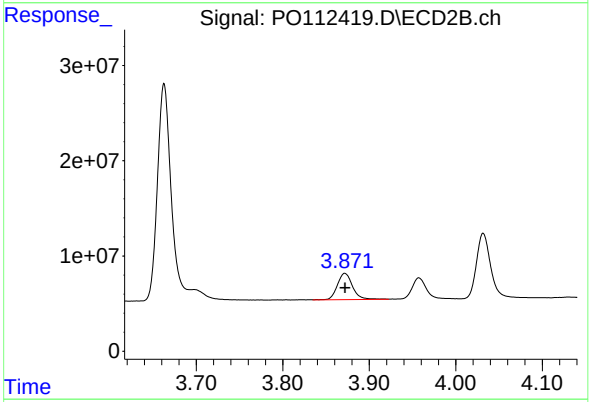
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 89450396
Conc: 50.00 ng/ml



#8 AR-1221-1

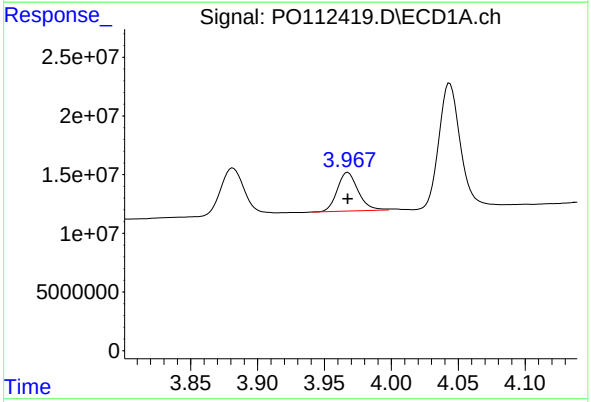
R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 48329823
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



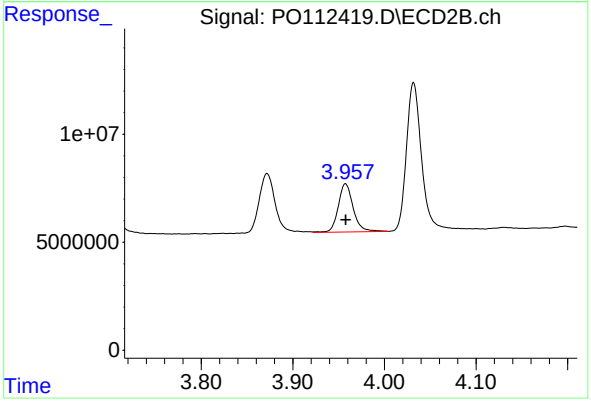
#8 AR-1221-1

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



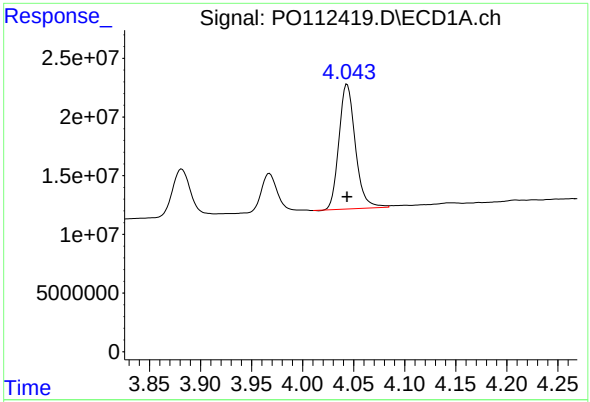
#9 AR-1221-2

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



#9 AR-1221-2

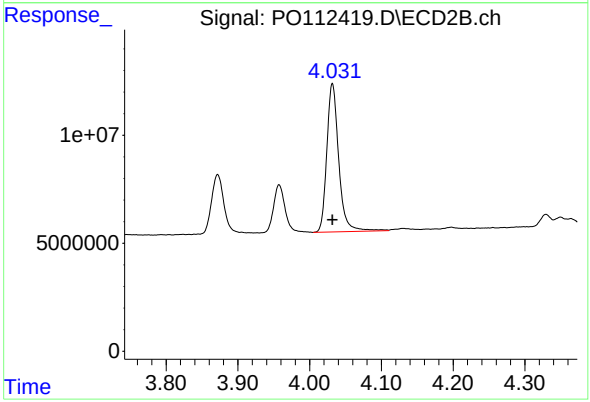
R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 25363994
Conc: 500.00 ng/ml



#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

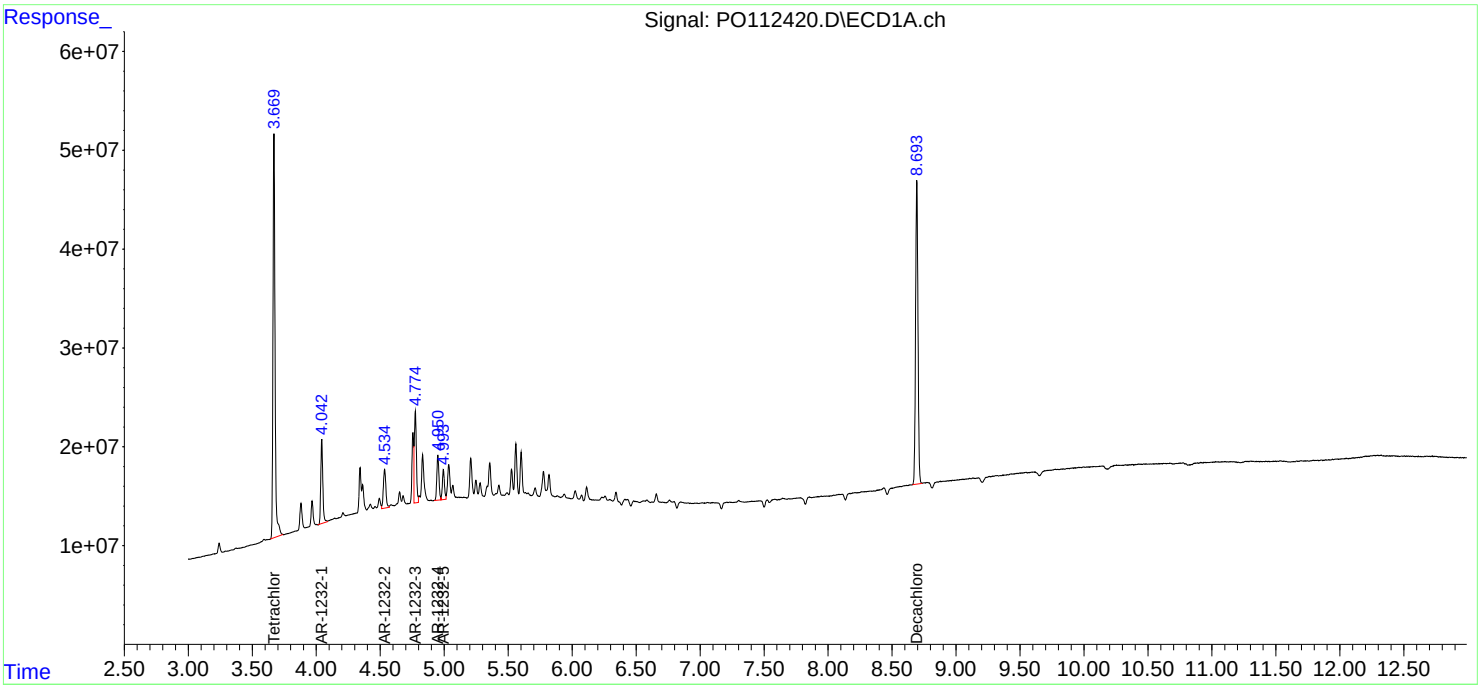
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

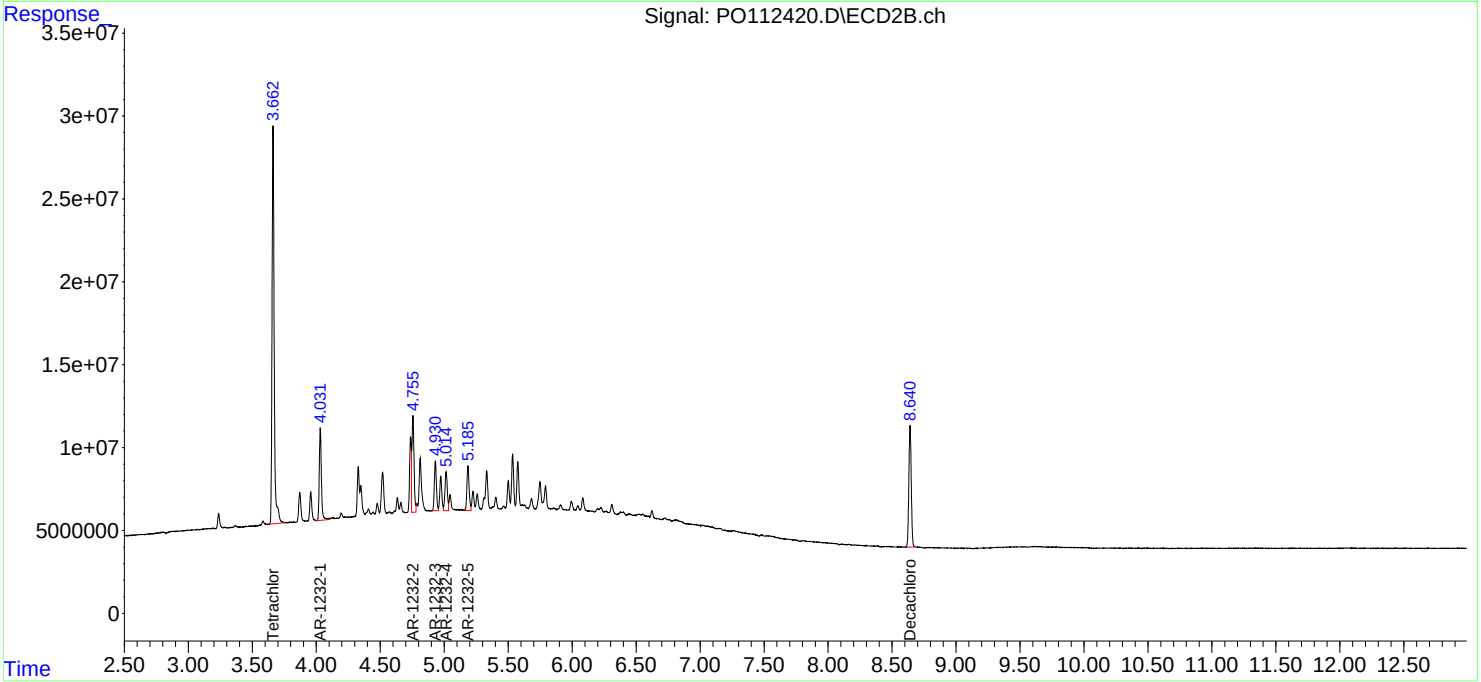
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:22
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

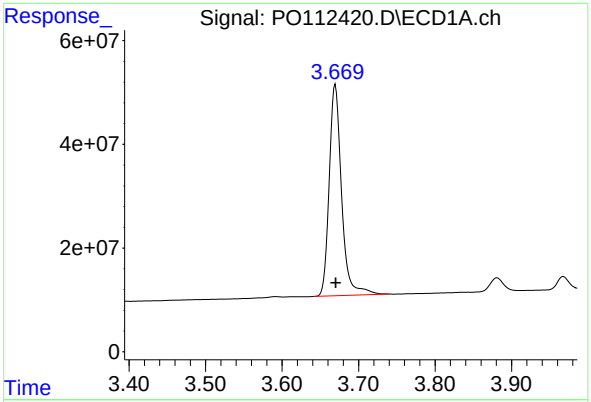
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

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



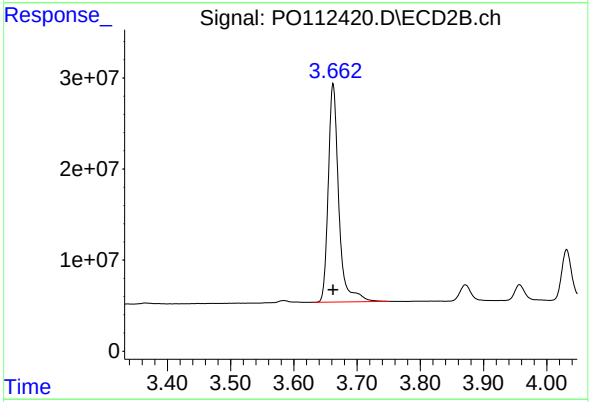




#1 Tetrachloro-m-xylene

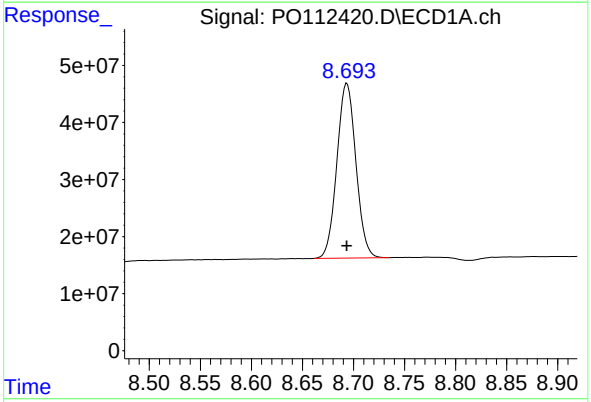
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 456891808
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



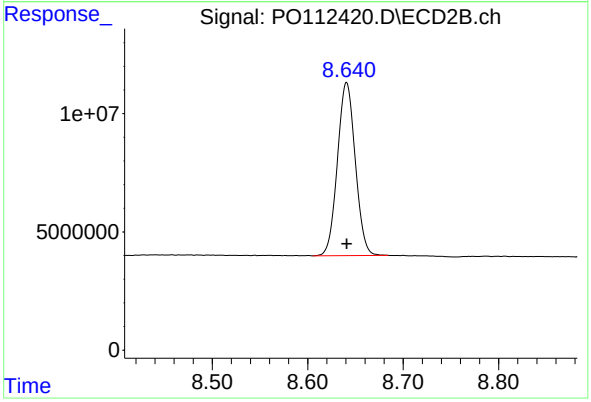
#1 Tetrachloro-m-xylene

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



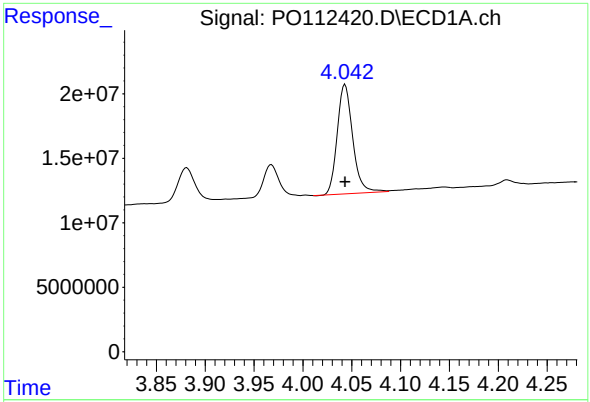
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

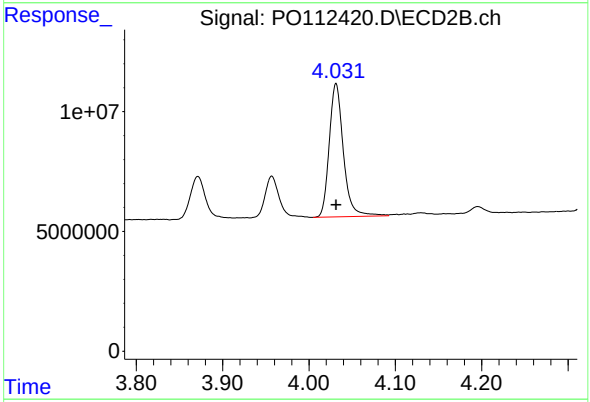
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 95040741
Conc: 50.00 ng/ml



#11 AR-1232-1

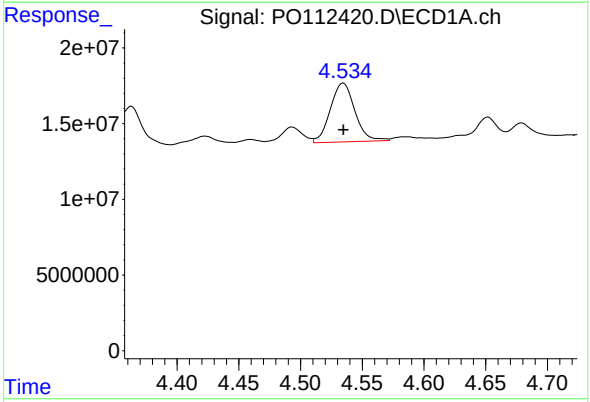
R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 93489328
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



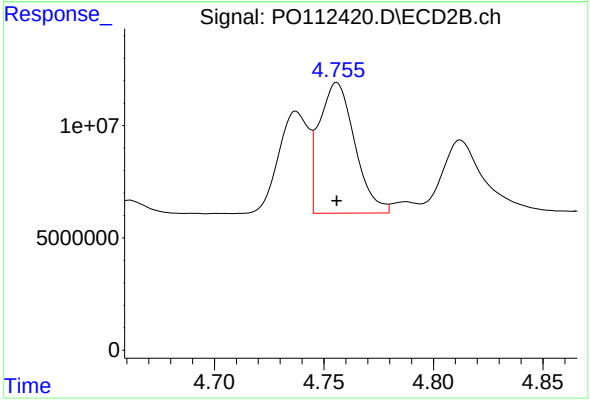
#11 AR-1232-1

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



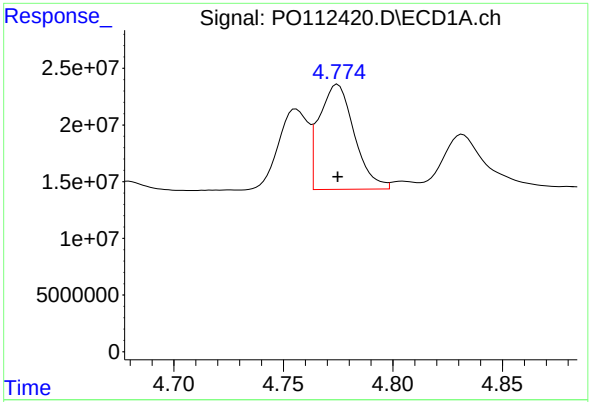
#12 AR-1232-2

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



#12 AR-1232-2

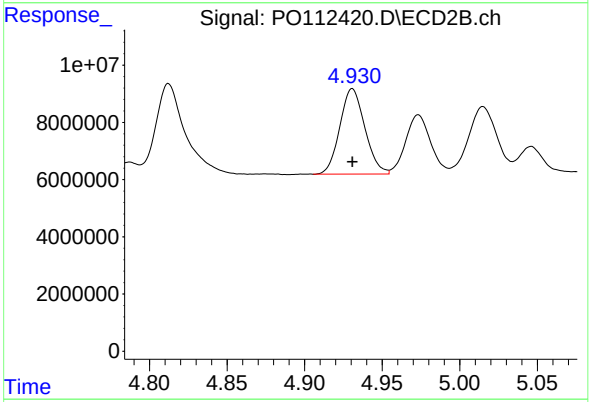
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 65577392
Conc: 500.00 ng/ml



#13 AR-1232-3

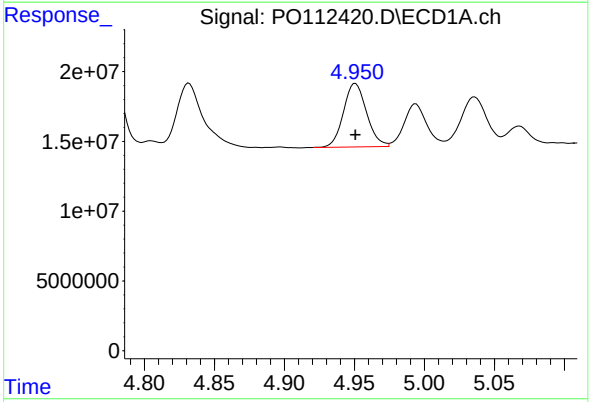
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 103399628
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



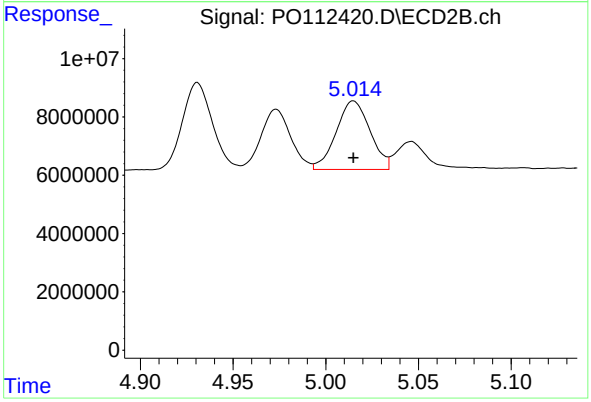
#13 AR-1232-3

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



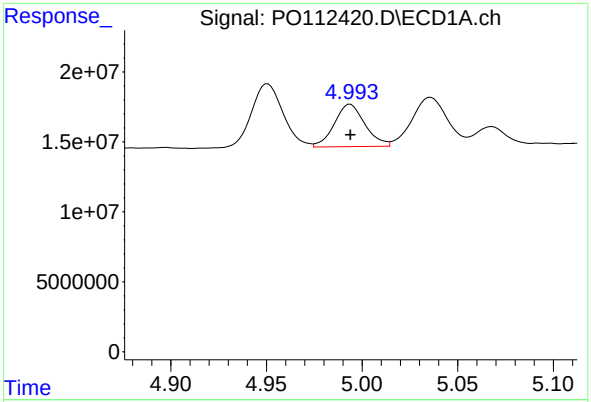
#14 AR-1232-4

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



#14 AR-1232-4

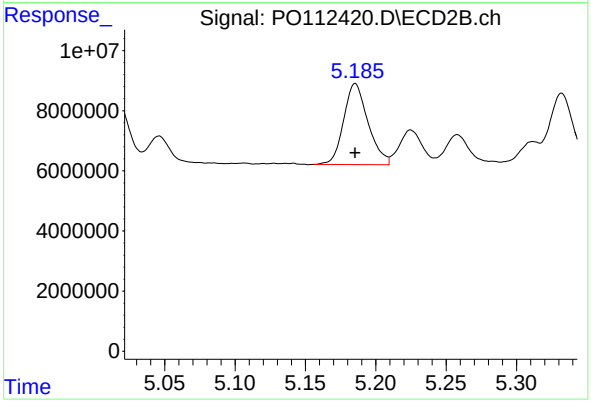
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 29914546
Conc: 500.00 ng/ml



#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

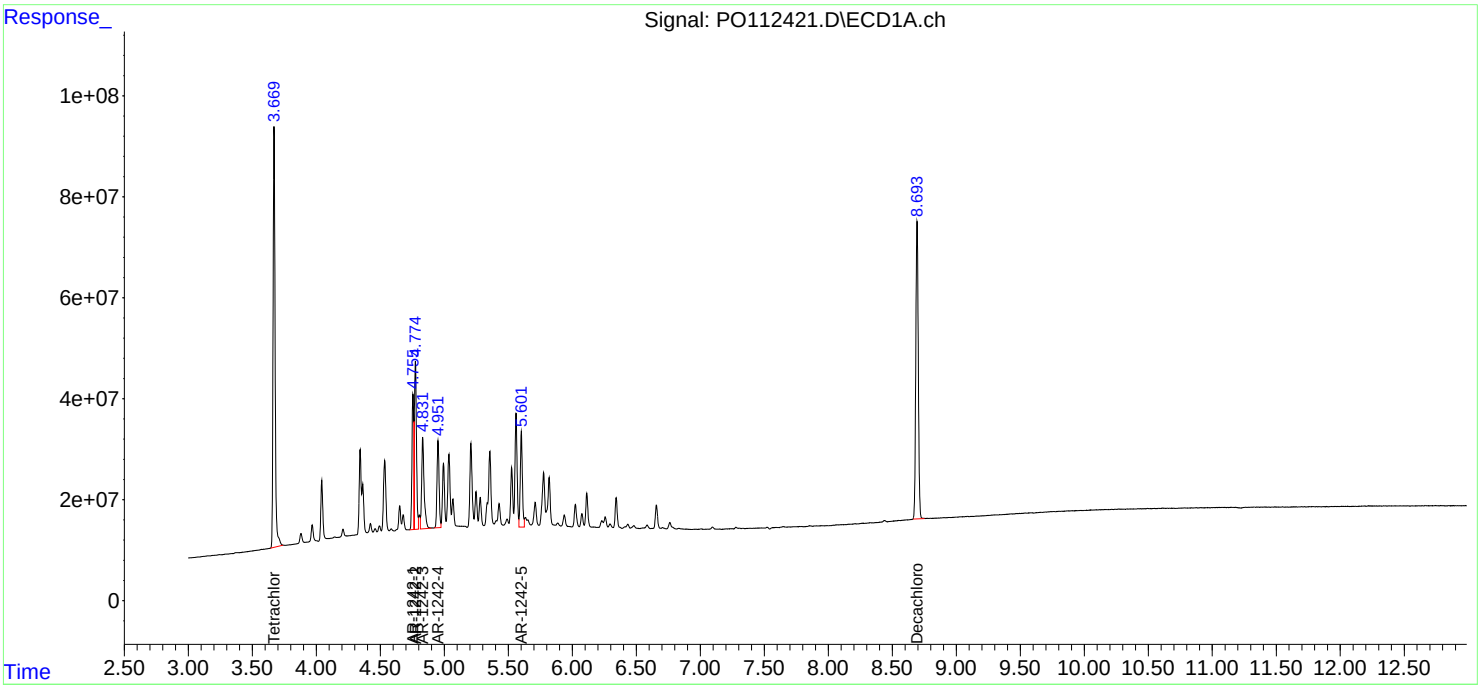
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

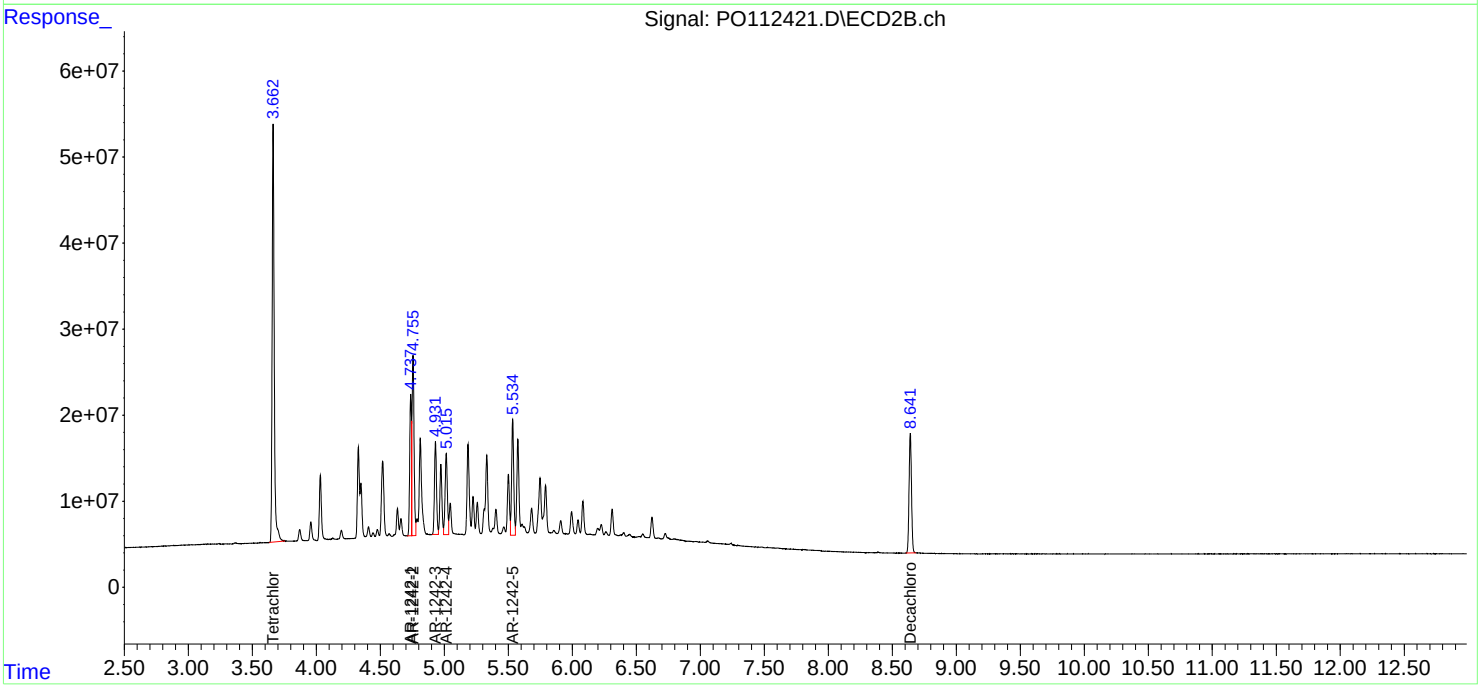
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:40
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

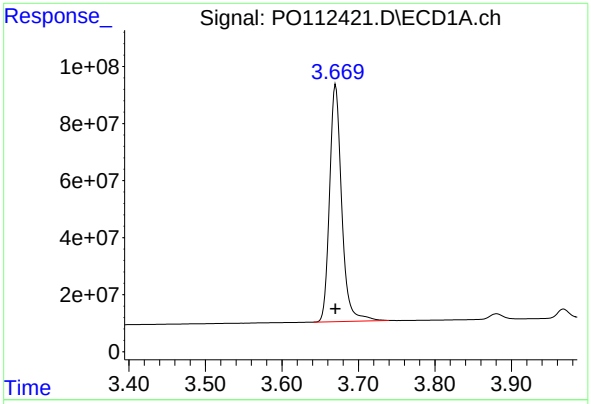
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

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



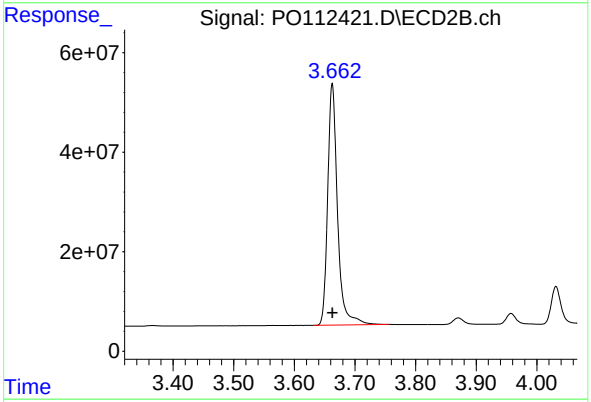




#1 Tetrachloro-m-xylene

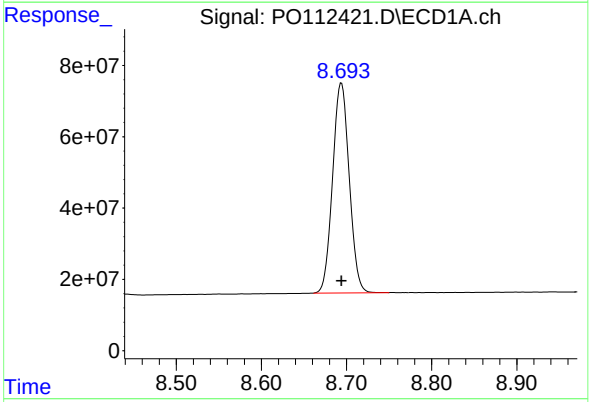
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 912565223
Conc: 99.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



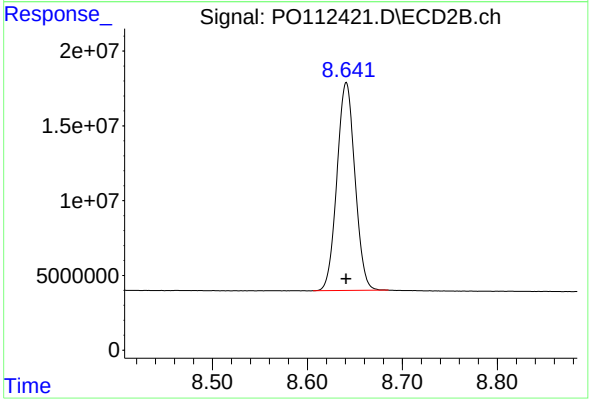
#1 Tetrachloro-m-xylene

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



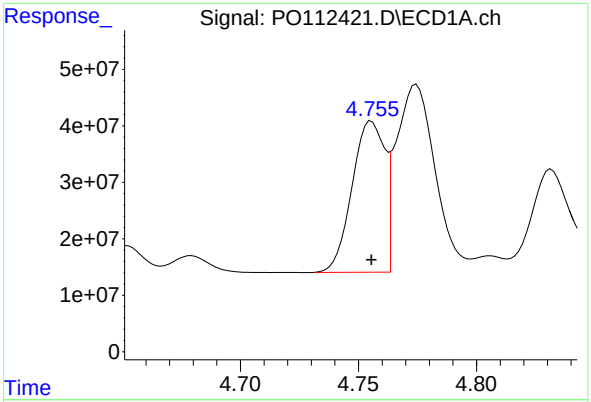
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

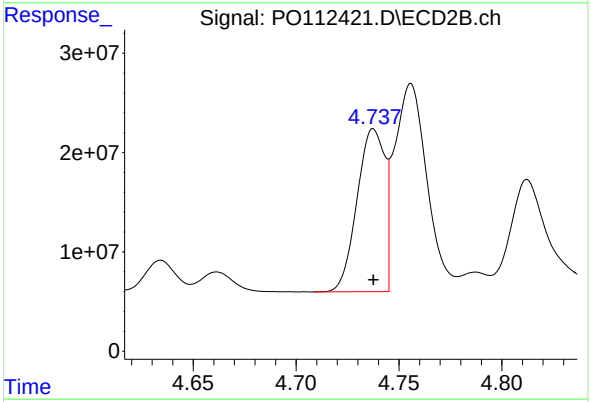
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 183160404
Conc: 97.54 ng/ml



#16 AR-1242-1

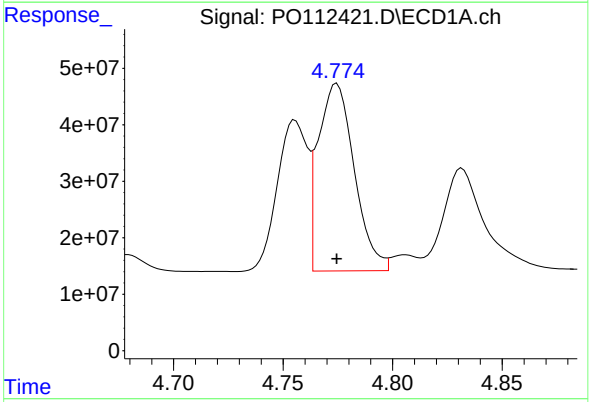
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 256299409
Conc: 991.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



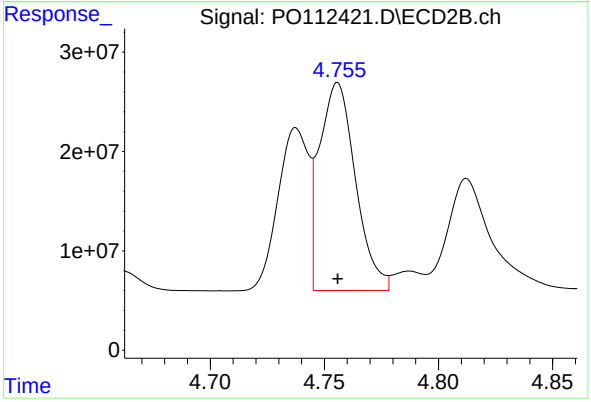
#16 AR-1242-1

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



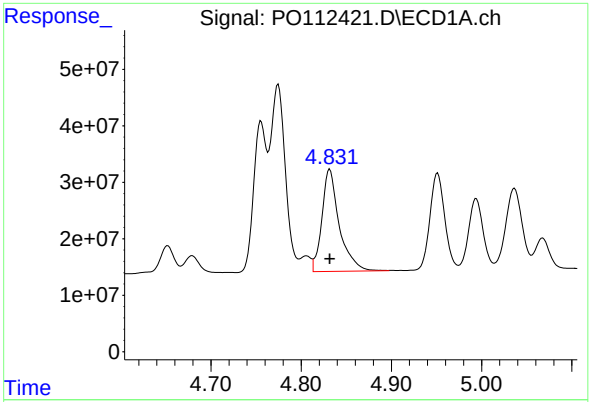
#17 AR-1242-2

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



#17 AR-1242-2

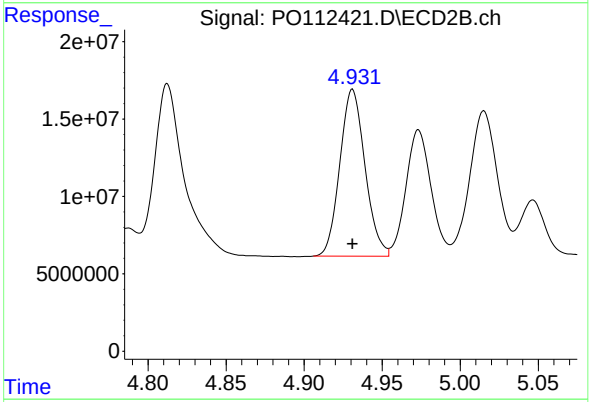
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 230553136
Conc: 976.16 ng/ml



#18 AR-1242-3

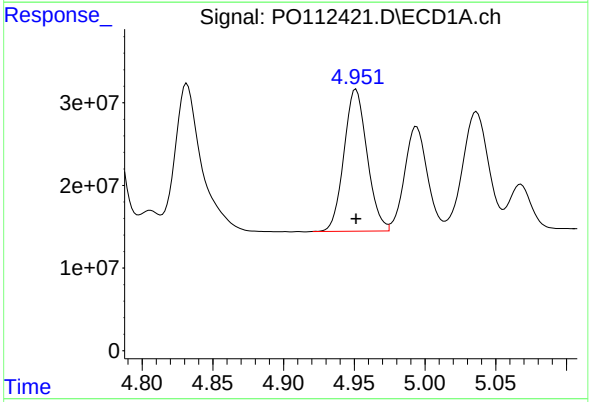
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 241769617
Conc: 986.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



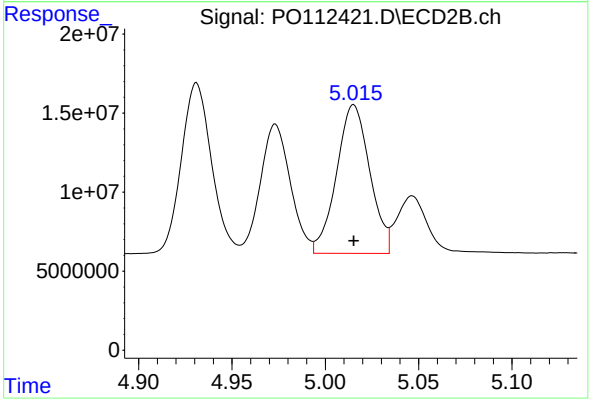
#18 AR-1242-3

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



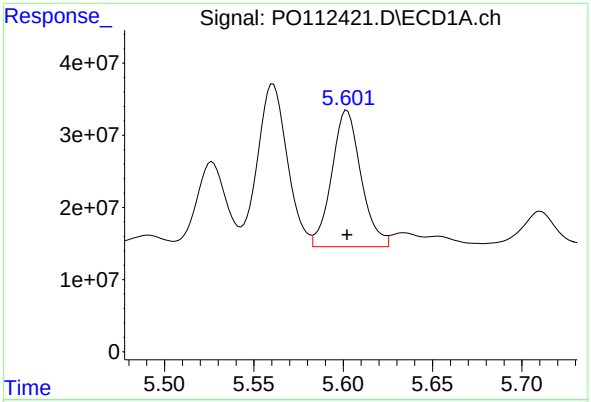
#19 AR-1242-4

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



#19 AR-1242-4

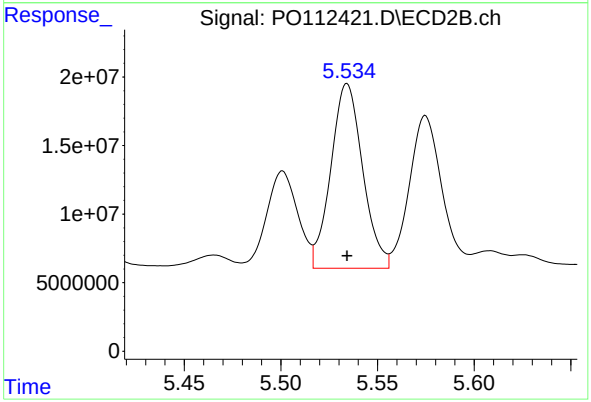
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 116921071
Conc: 969.69 ng/ml



#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.

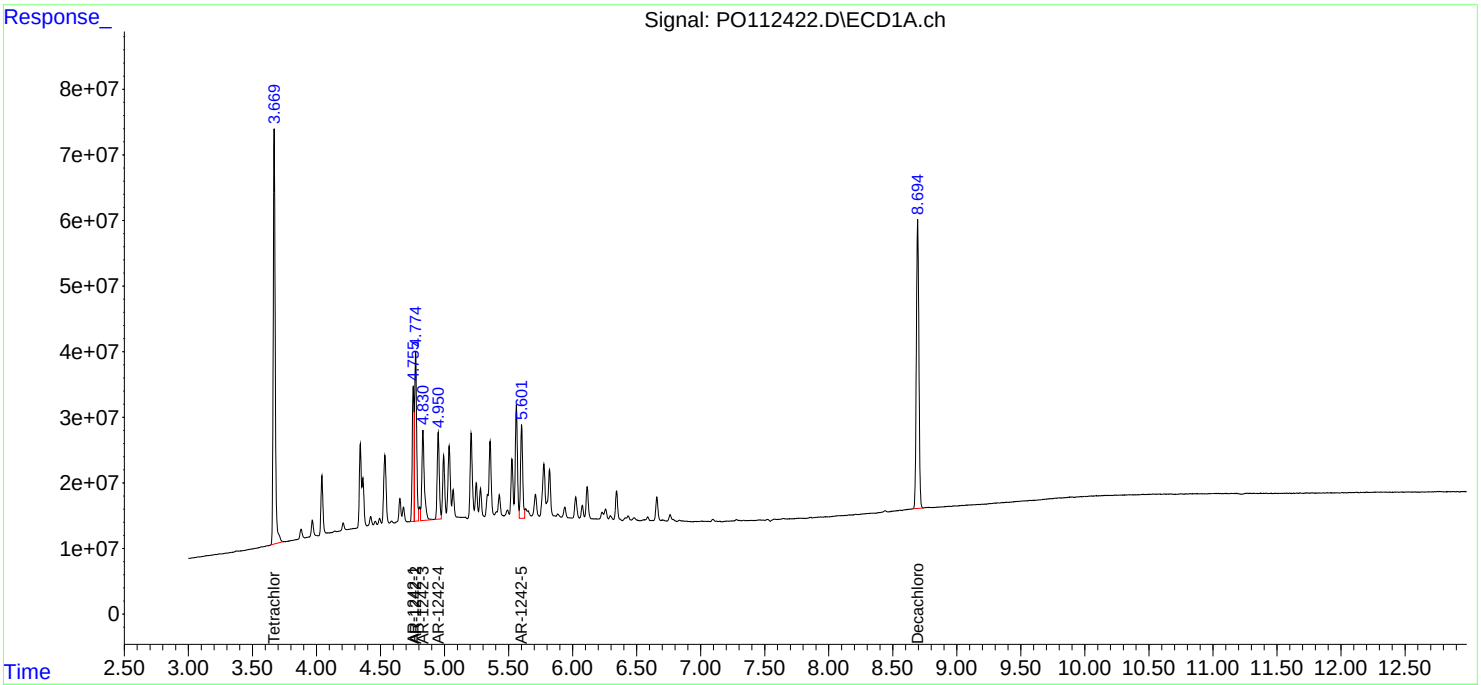
ICAL Form

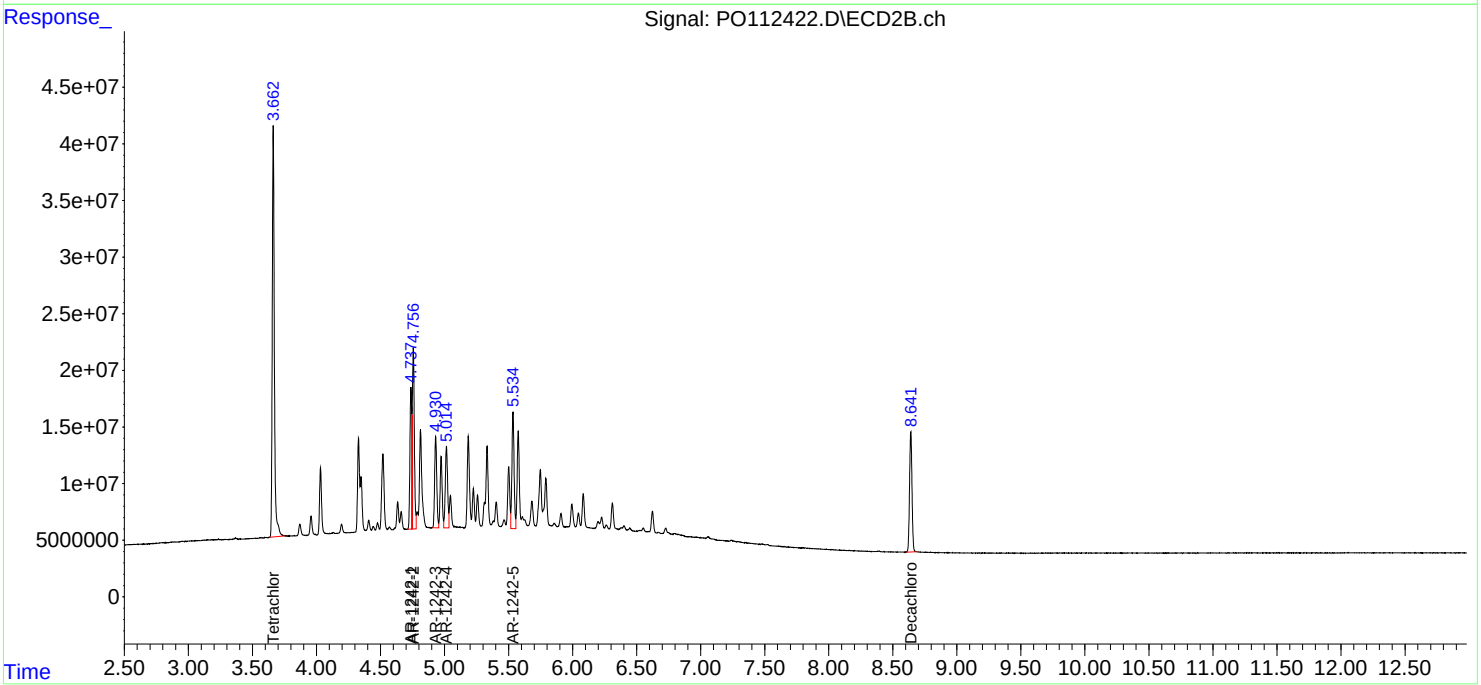
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 13:59
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

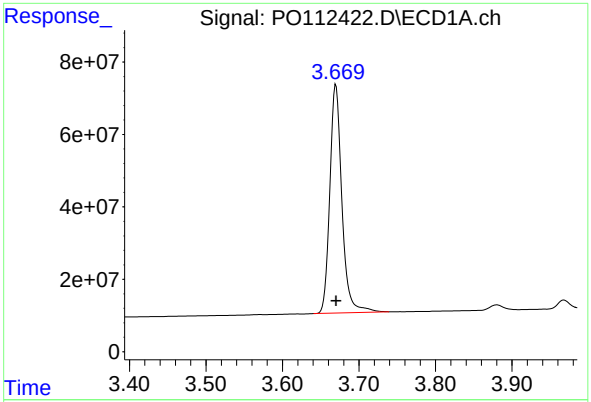
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

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



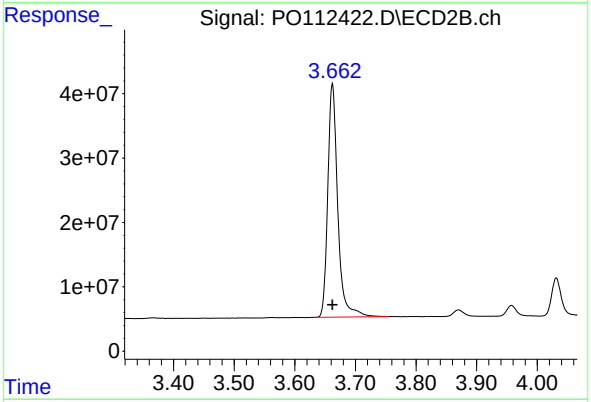




#1 Tetrachloro-m-xylene

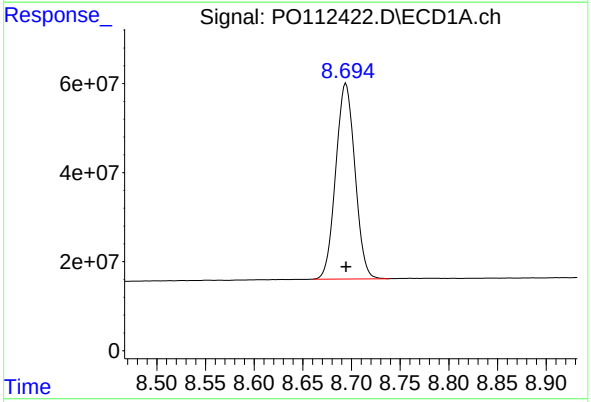
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 689642409
Conc: 75.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



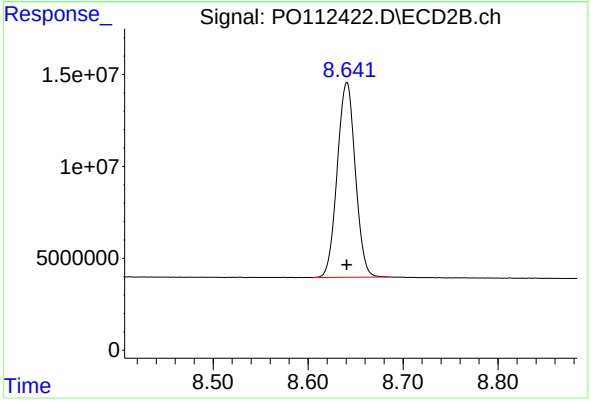
#1 Tetrachloro-m-xylene

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



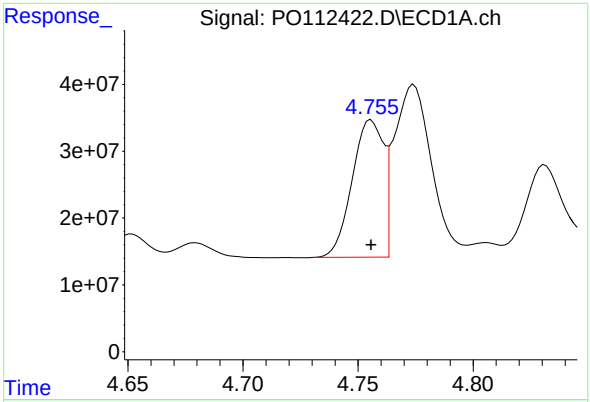
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

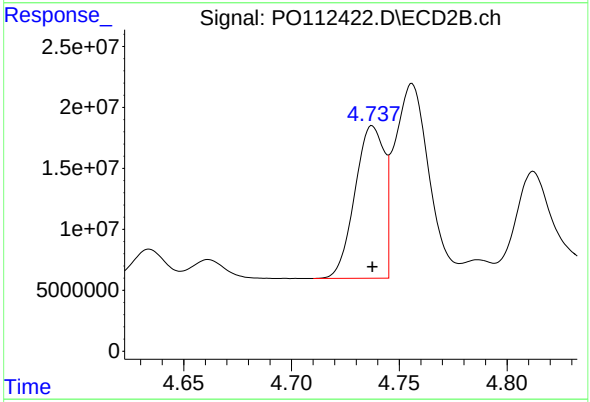
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 140388070
Conc: 74.84 ng/ml



#16 AR-1242-1

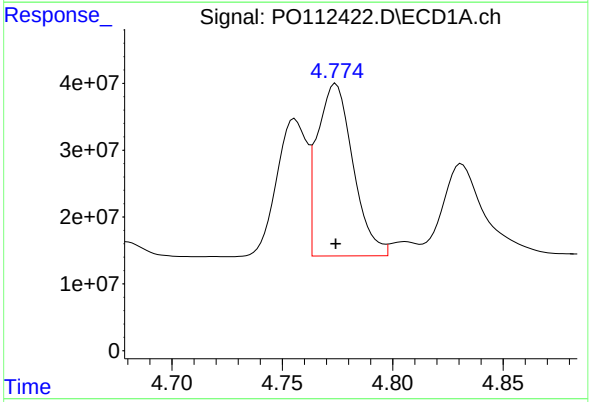
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 194676689
Conc: 752.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



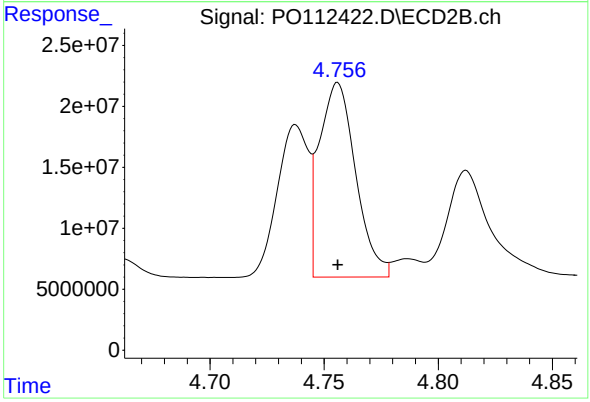
#16 AR-1242-1

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



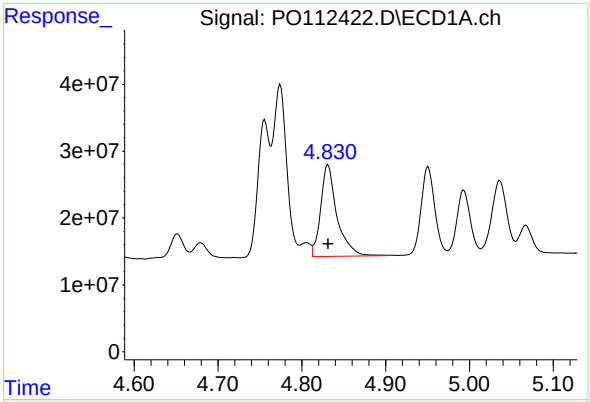
#17 AR-1242-2

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



#17 AR-1242-2

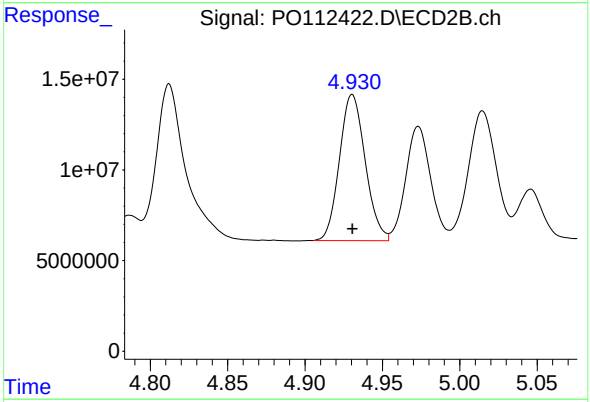
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 177174842
Conc: 750.10 ng/ml



#18 AR-1242-3

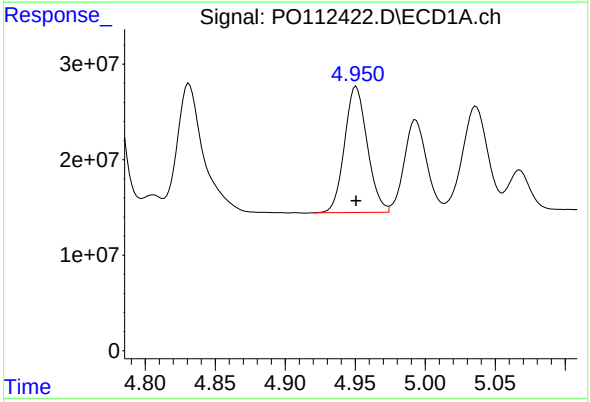
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 184857008
Conc: 752.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



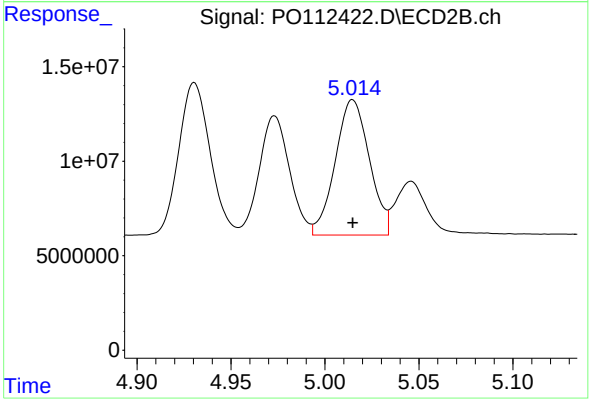
#18 AR-1242-3

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



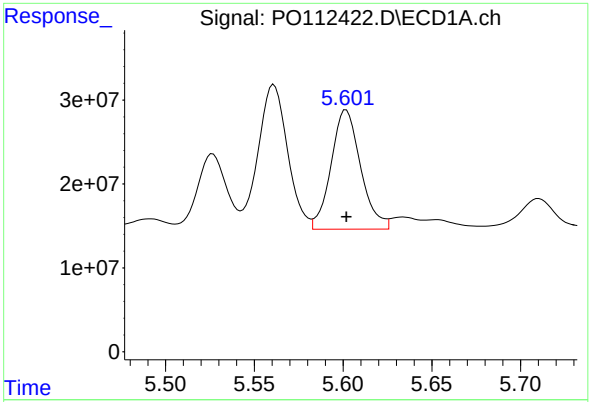
#19 AR-1242-4

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



#19 AR-1242-4

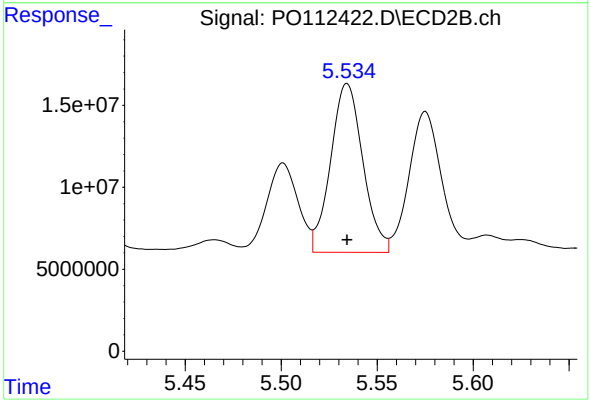
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 90566785
Conc: 750.75 ng/ml



#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.

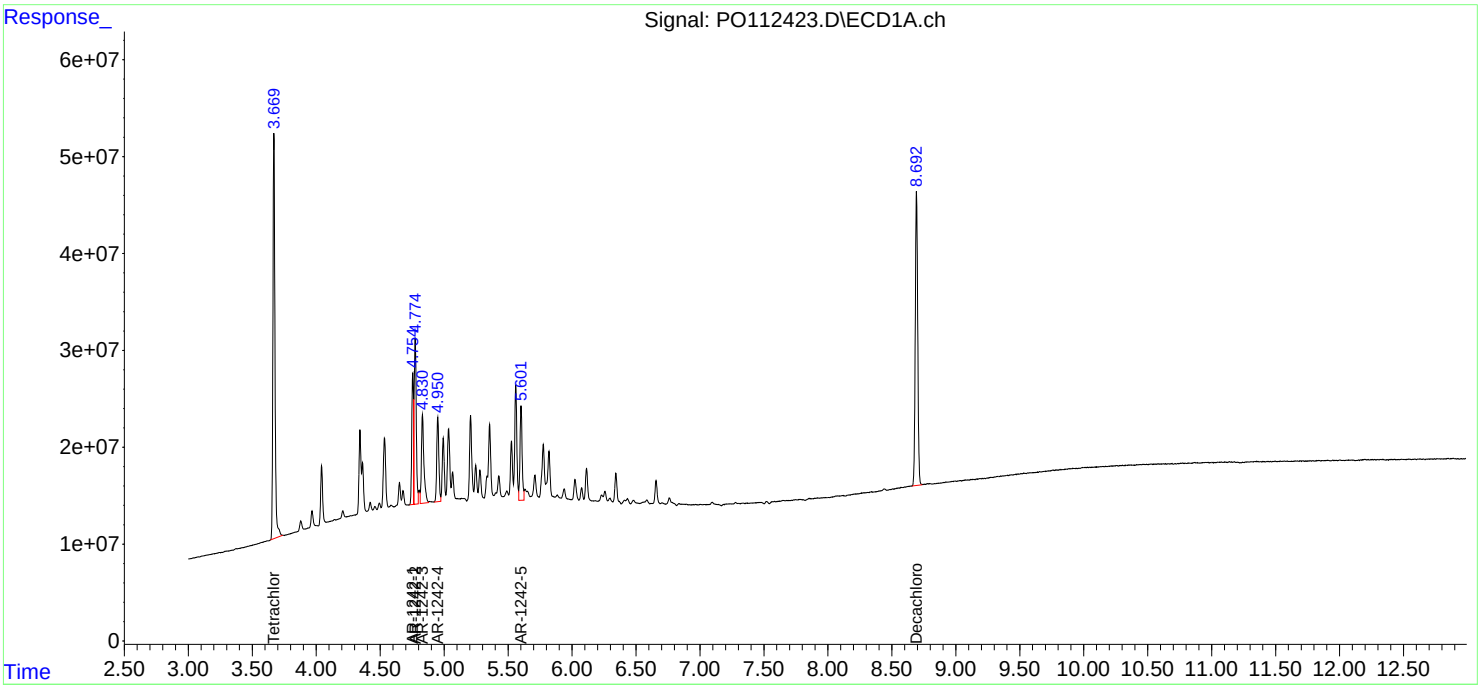
ICAL Form

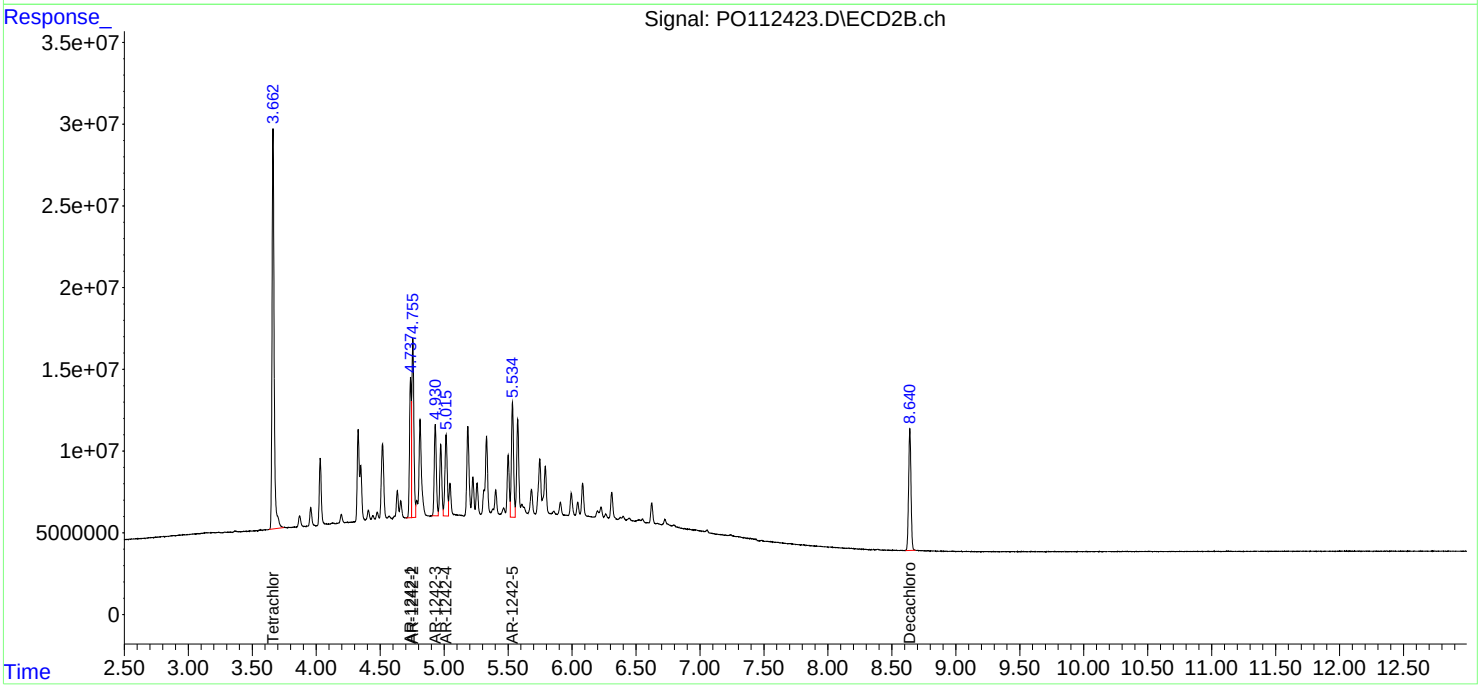
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:17
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

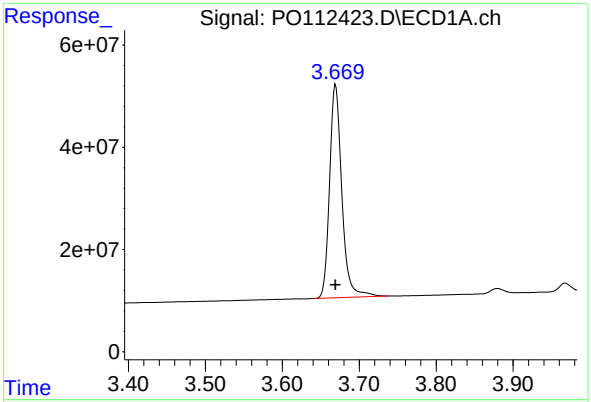
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

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



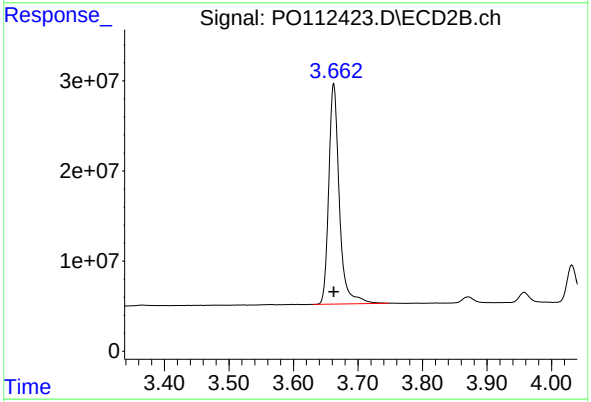




#1 Tetrachloro-m-xylene

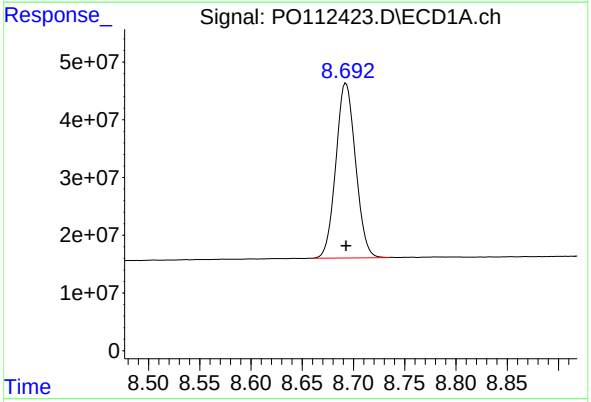
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 460974572
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



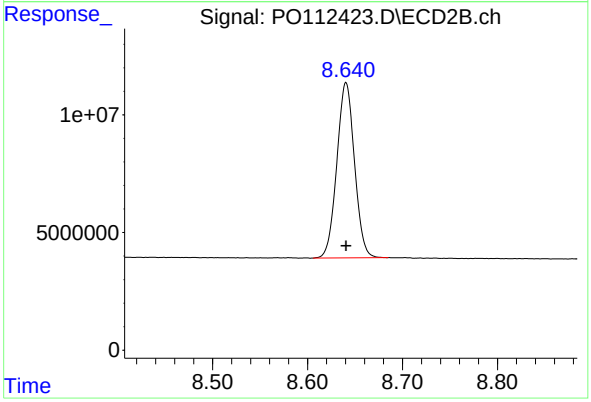
#1 Tetrachloro-m-xylene

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



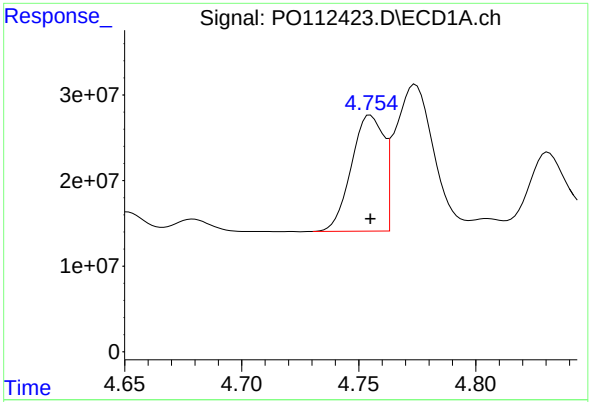
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

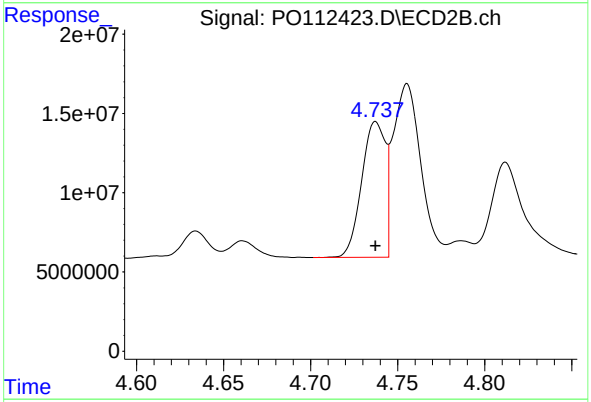
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 96205236
Conc: 50.00 ng/ml



#16 AR-1242-1

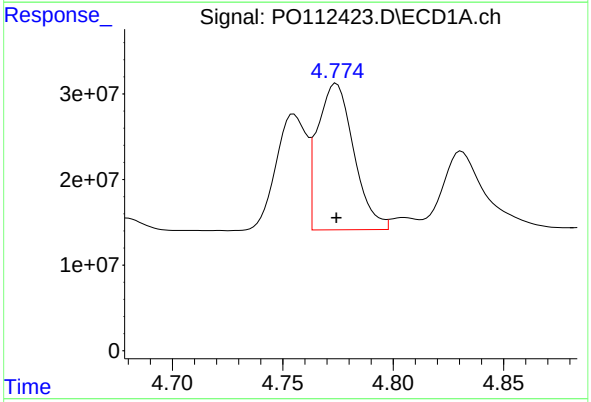
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 130330227
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



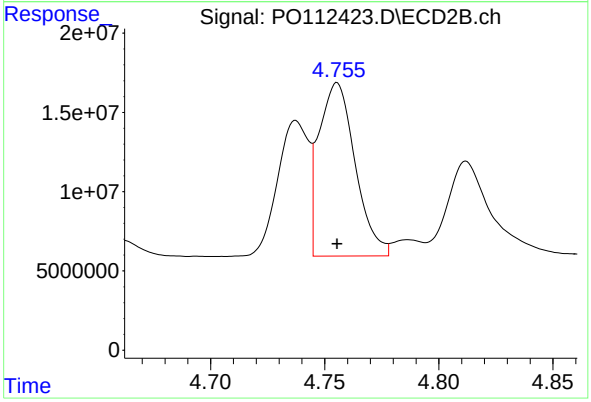
#16 AR-1242-1

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



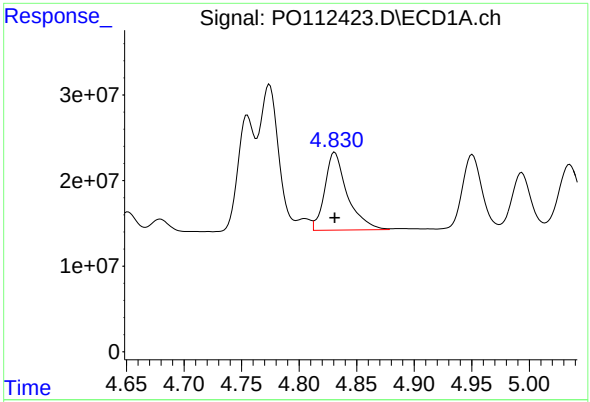
#17 AR-1242-2

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



#17 AR-1242-2

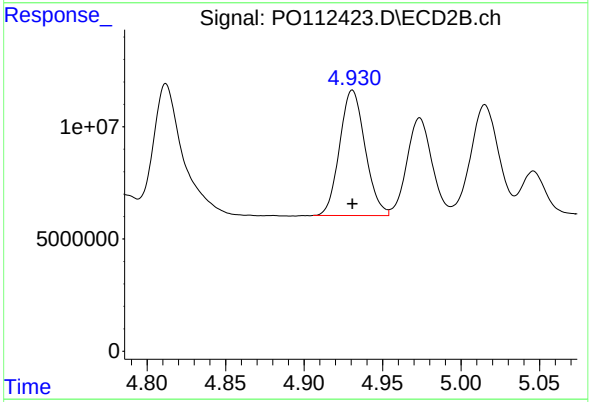
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 120908349
Conc: 500.00 ng/ml



#18 AR-1242-3

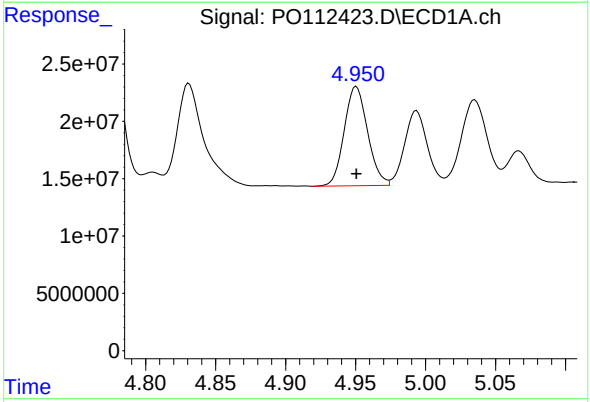
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 124157527
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



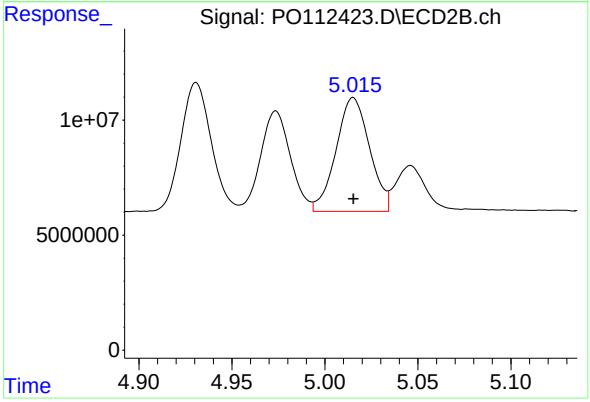
#18 AR-1242-3

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



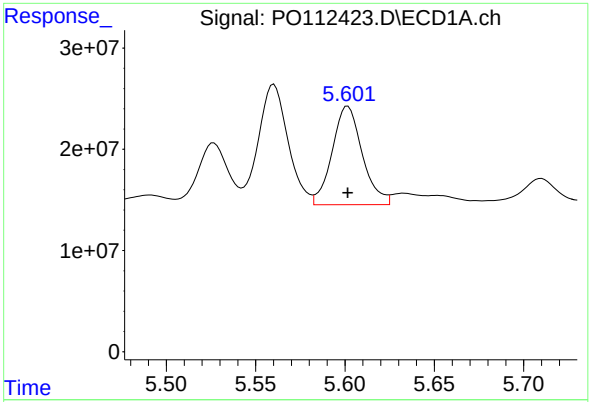
#19 AR-1242-4

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



#19 AR-1242-4

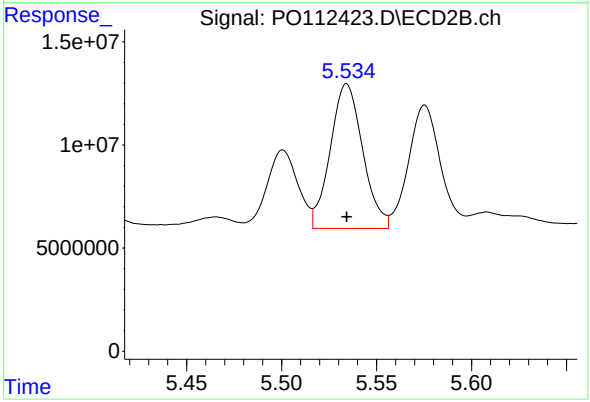
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 62114890
Conc: 500.00 ng/ml



#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

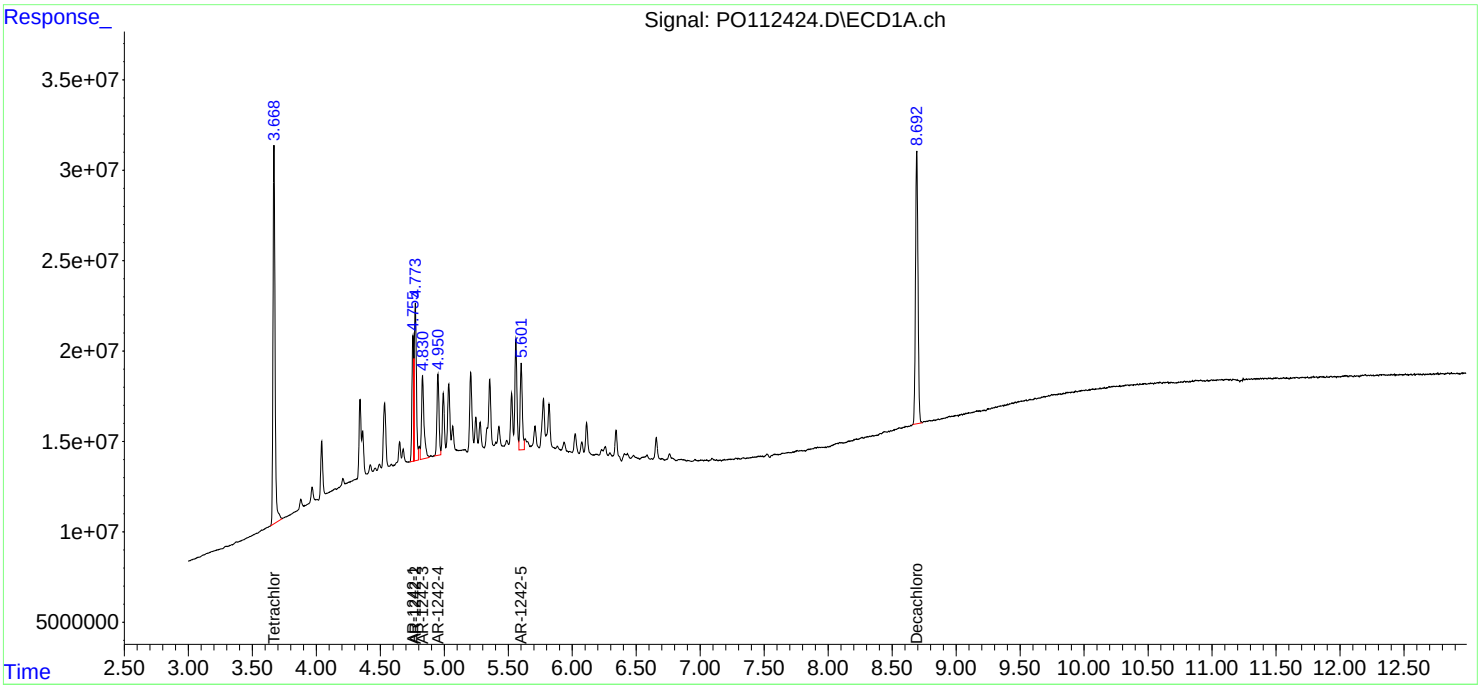
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

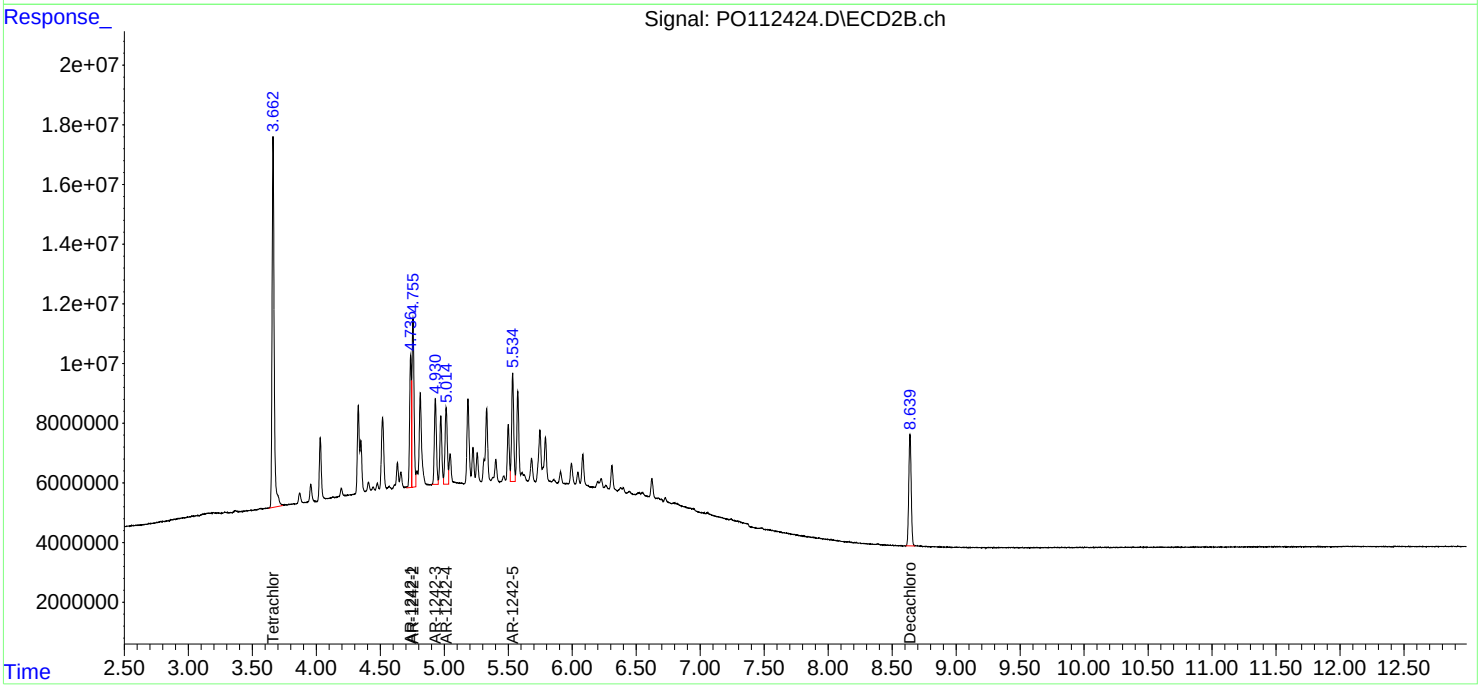
Manual Integrations APPROVED

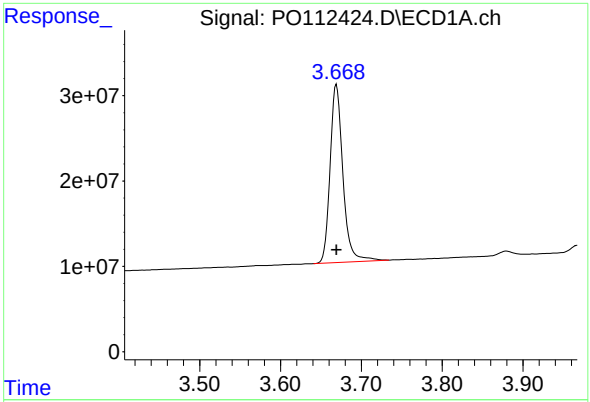
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







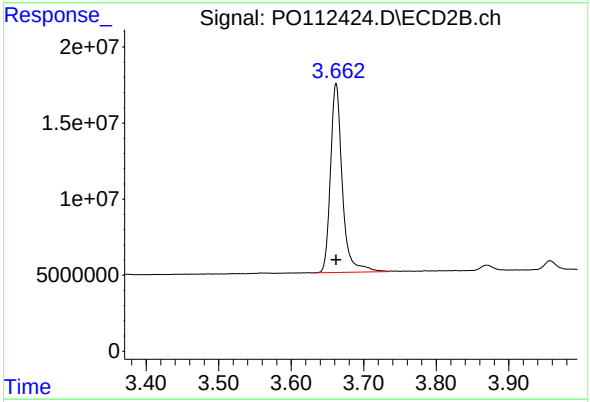
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

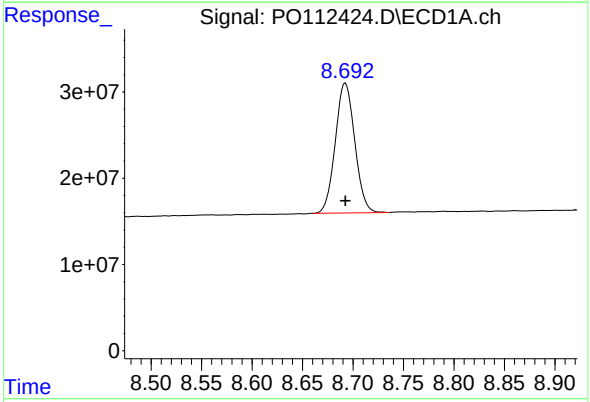
Manual Integrations
APPROVED

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



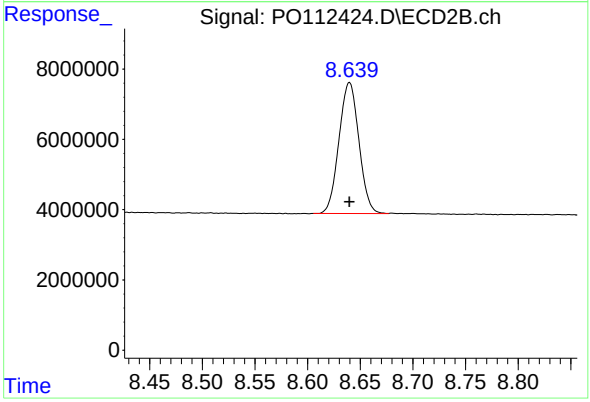
#1 Tetrachloro-m-xylene

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



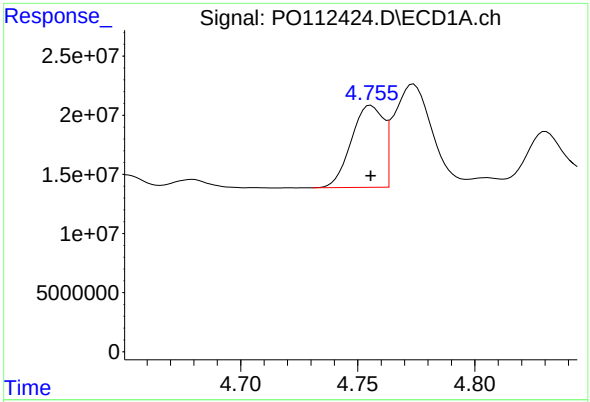
#2 Decachlorobiphenyl

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



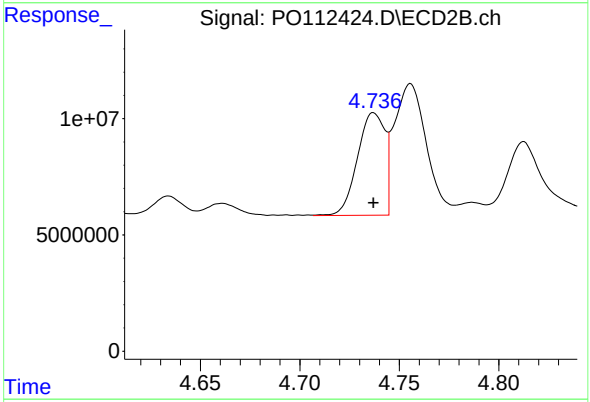
#16 AR-1242-1

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

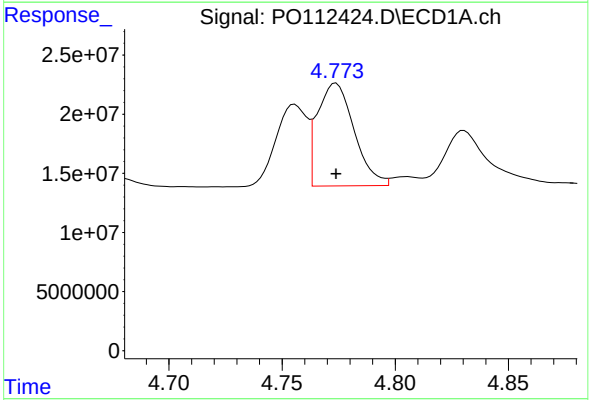
Manual Integrations APPROVED

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



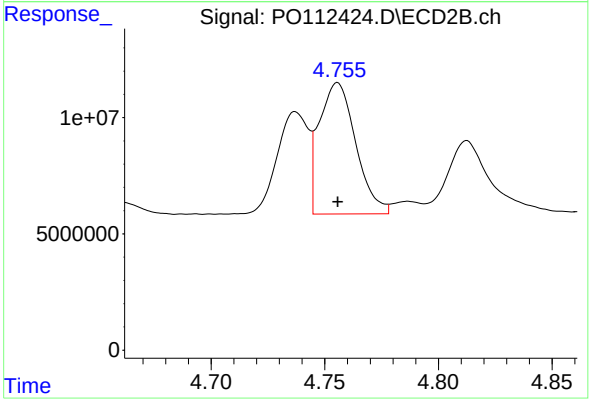
#16 AR-1242-1

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



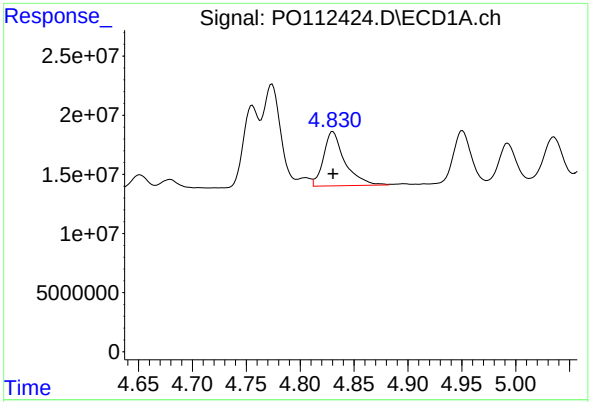
#17 AR-1242-2

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



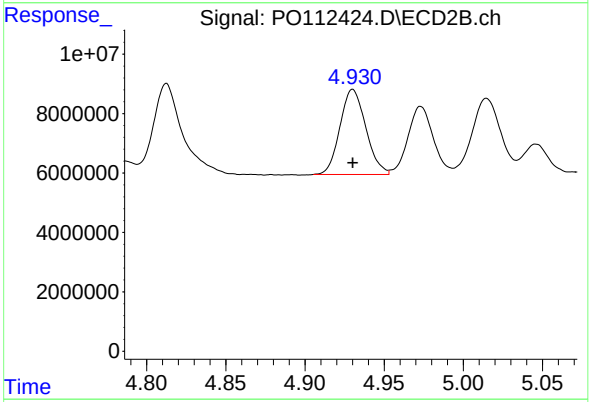
#18 AR-1242-3

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

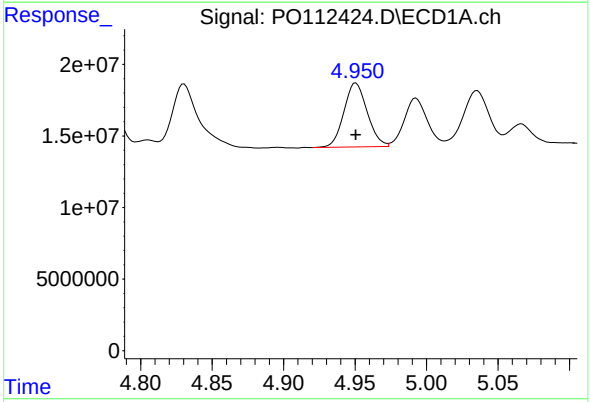
Manual Integrations APPROVED

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



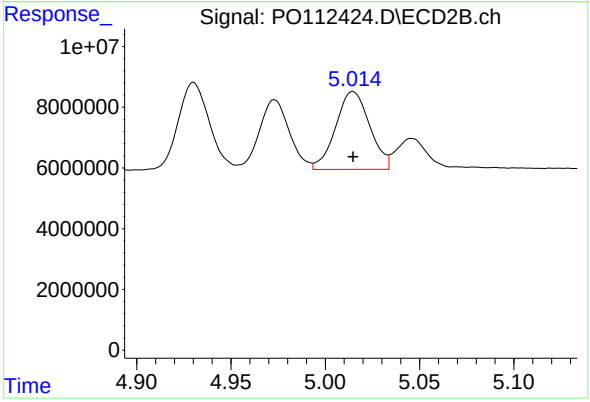
#18 AR-1242-3

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



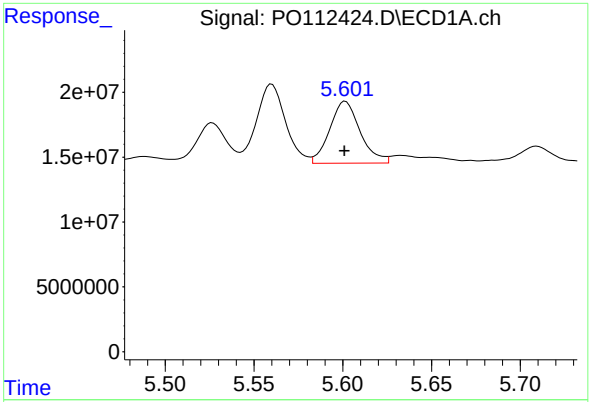
#19 AR-1242-4

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



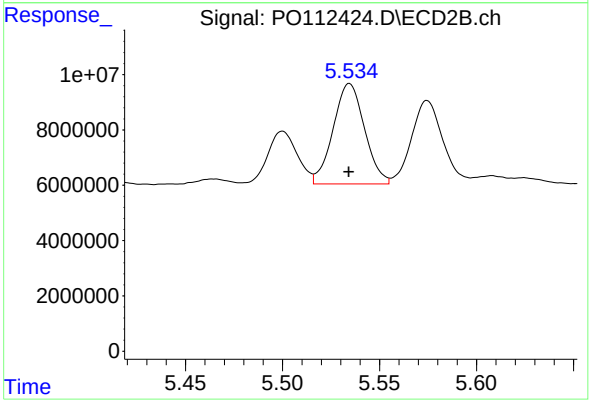
#20 AR-1242-5

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.

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

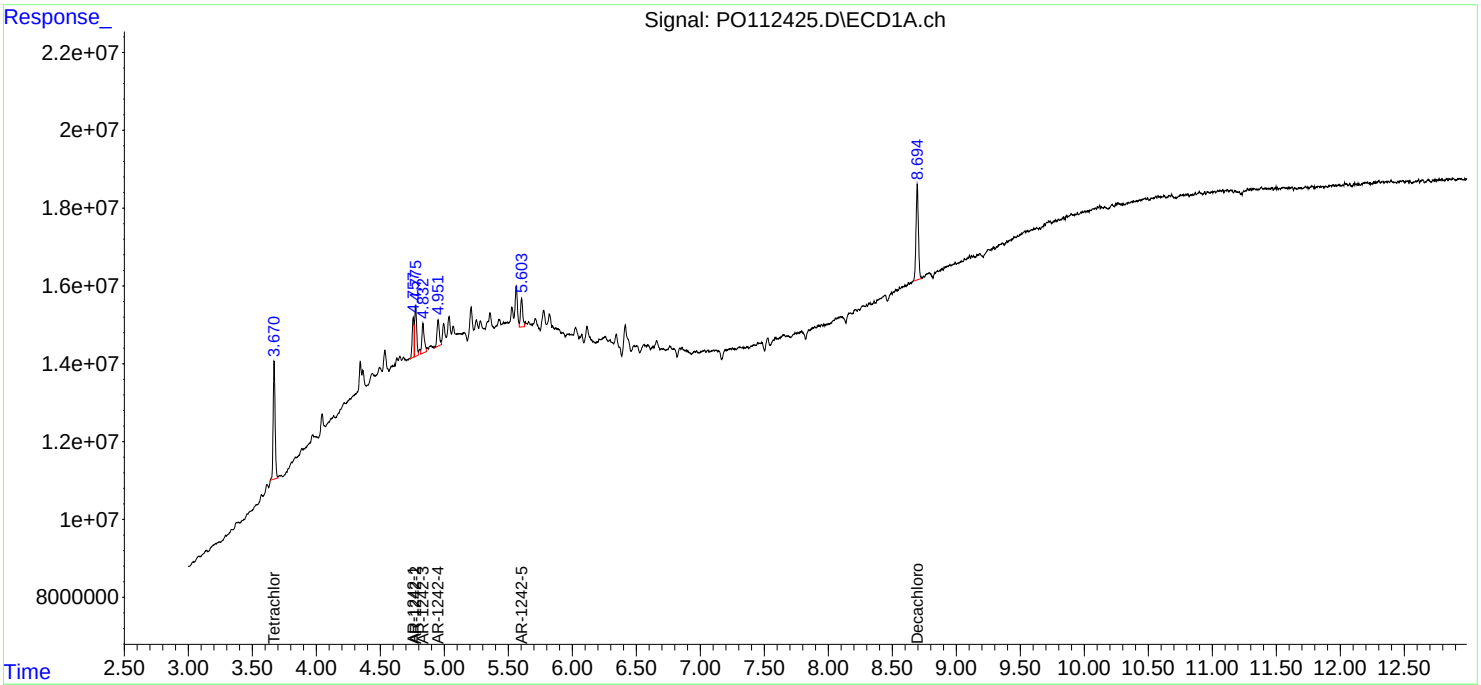
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

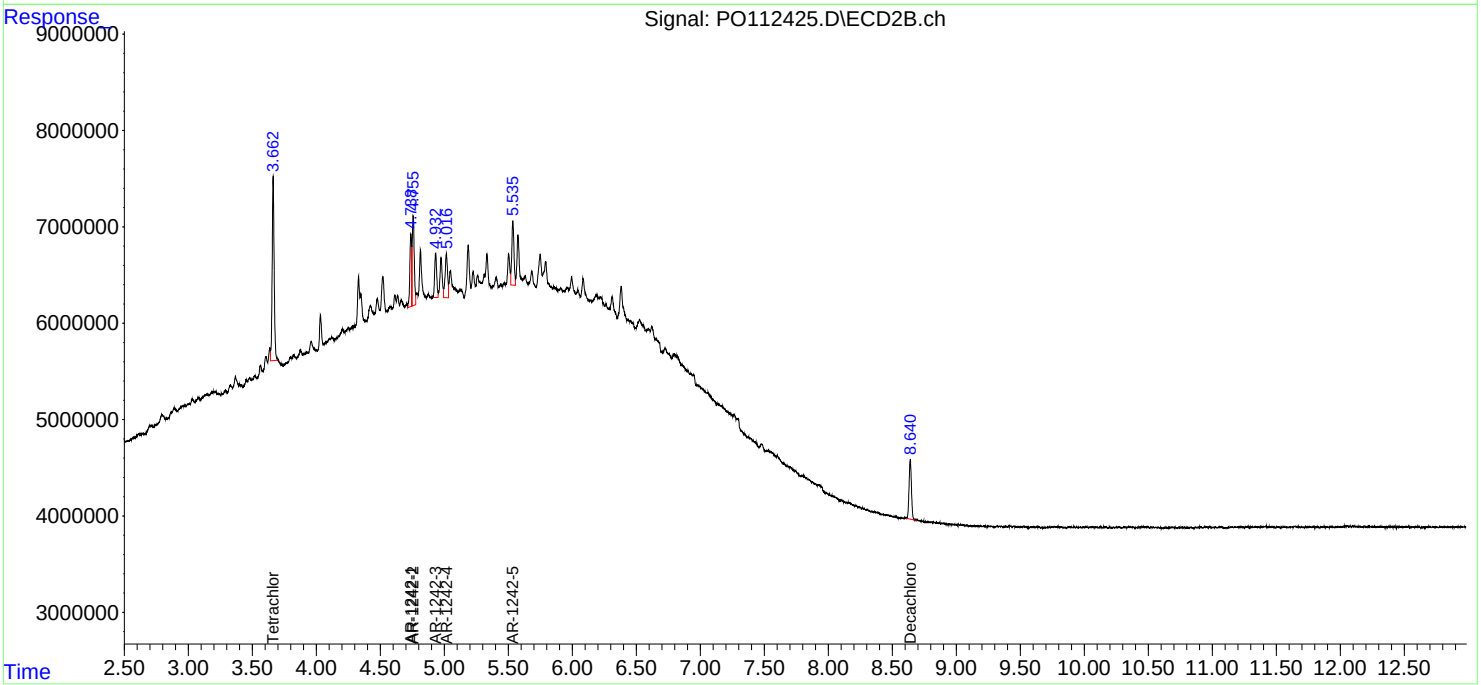
Manual Integrations APPROVED

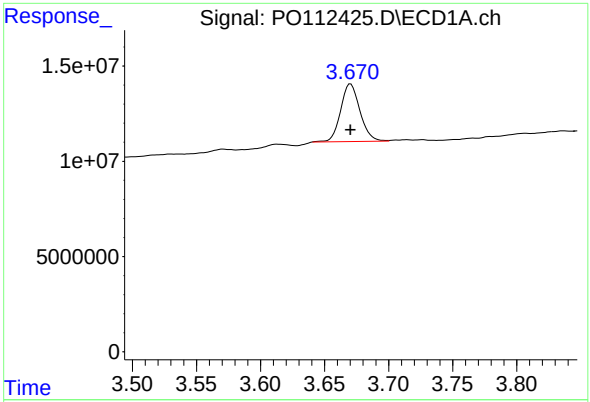
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







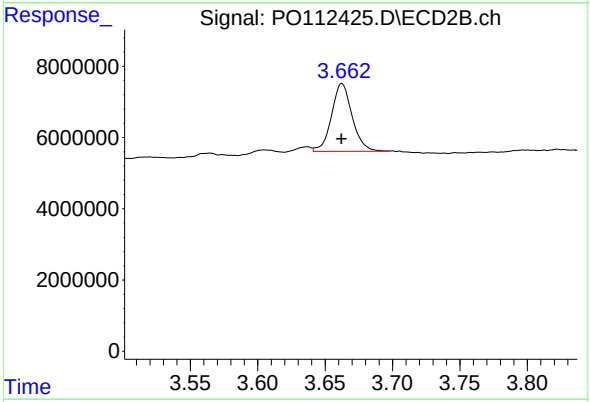
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

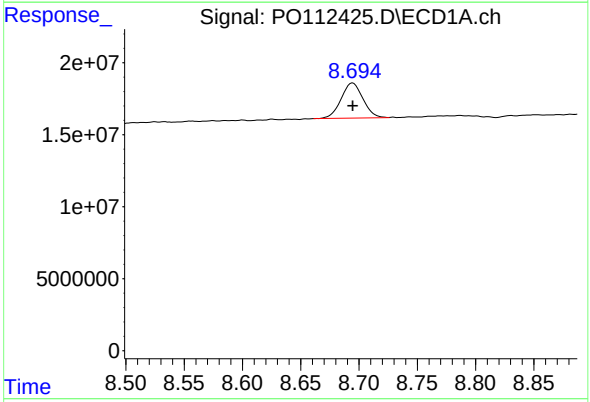
Manual Integrations APPROVED

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



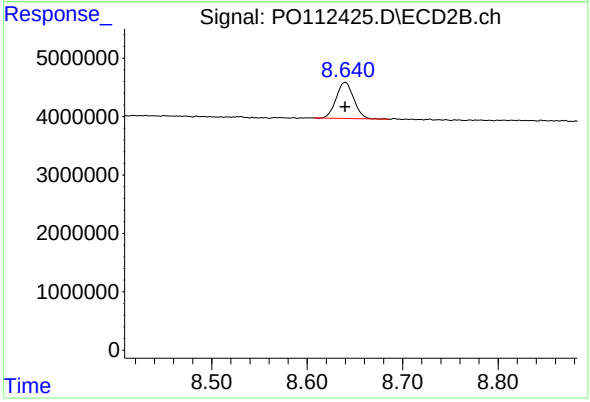
#1 Tetrachloro-m-xylene

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



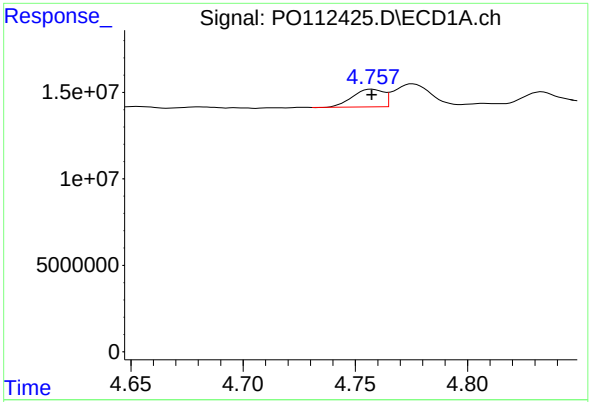
#2 Decachlorobiphenyl

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



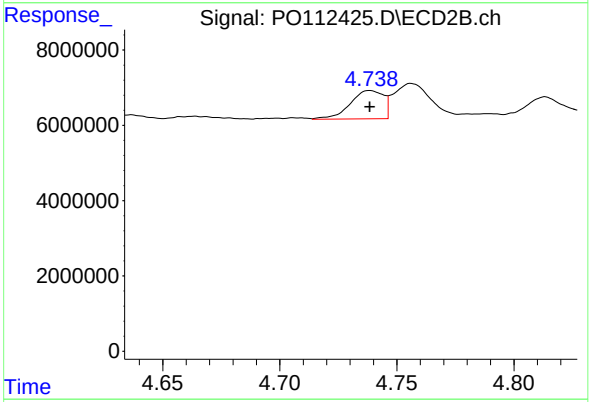
#16 AR-1242-1

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

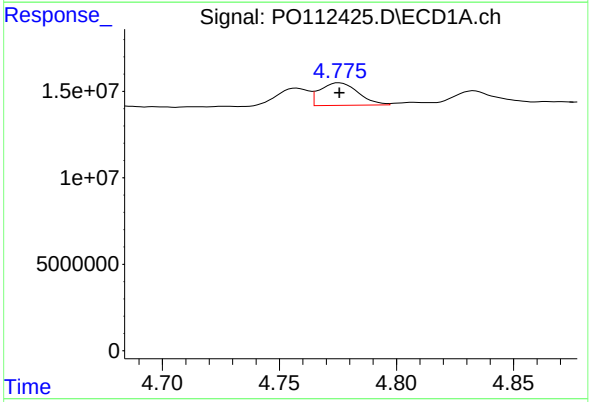
Manual Integrations APPROVED

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



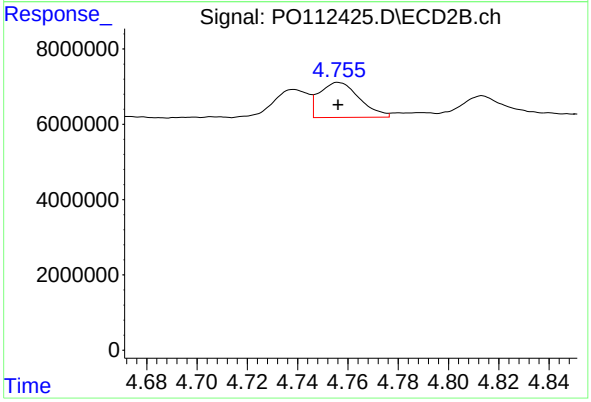
#16 AR-1242-1

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



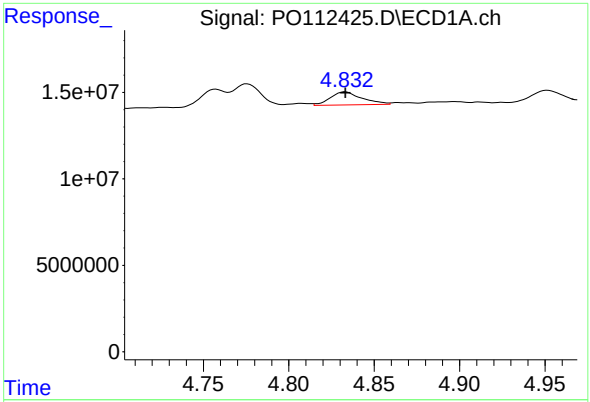
#17 AR-1242-2

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



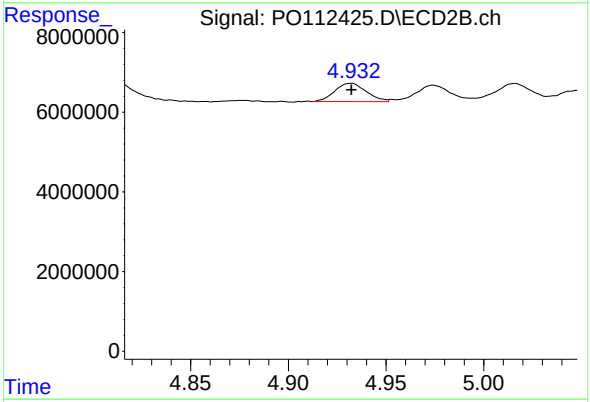
#18 AR-1242-3

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

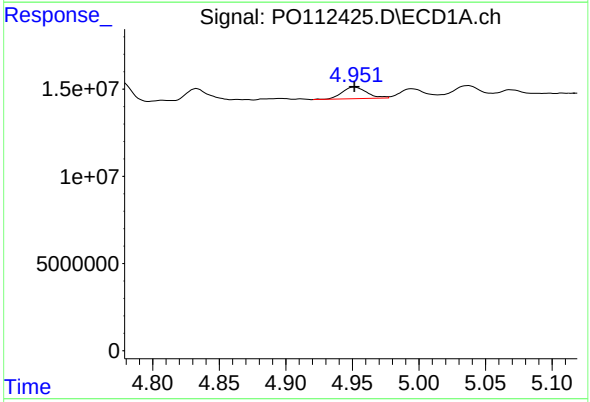
Manual Integrations APPROVED

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



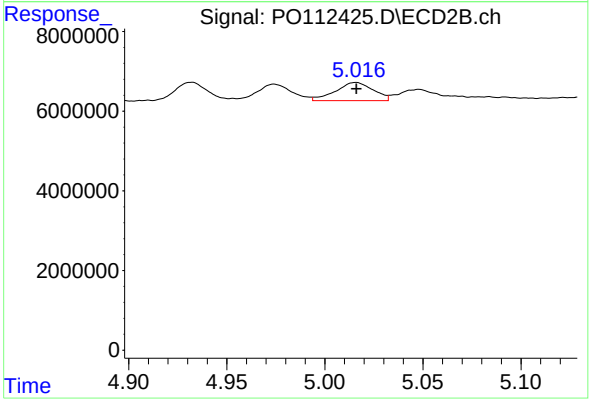
#18 AR-1242-3

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



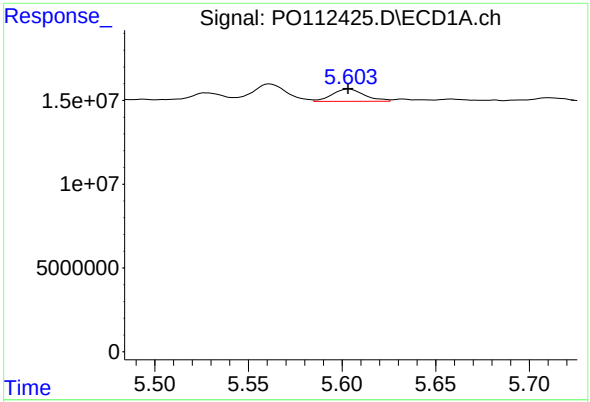
#19 AR-1242-4

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



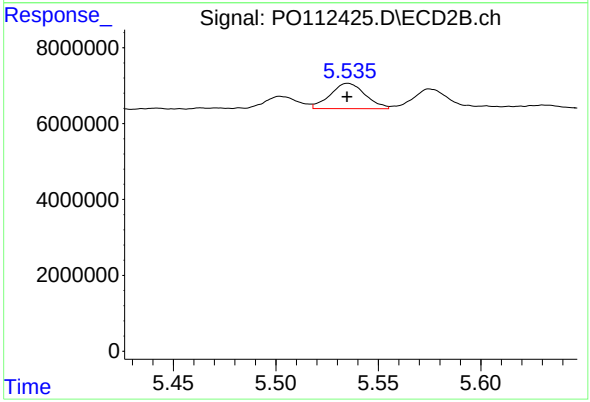
#20 AR-1242-5

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.

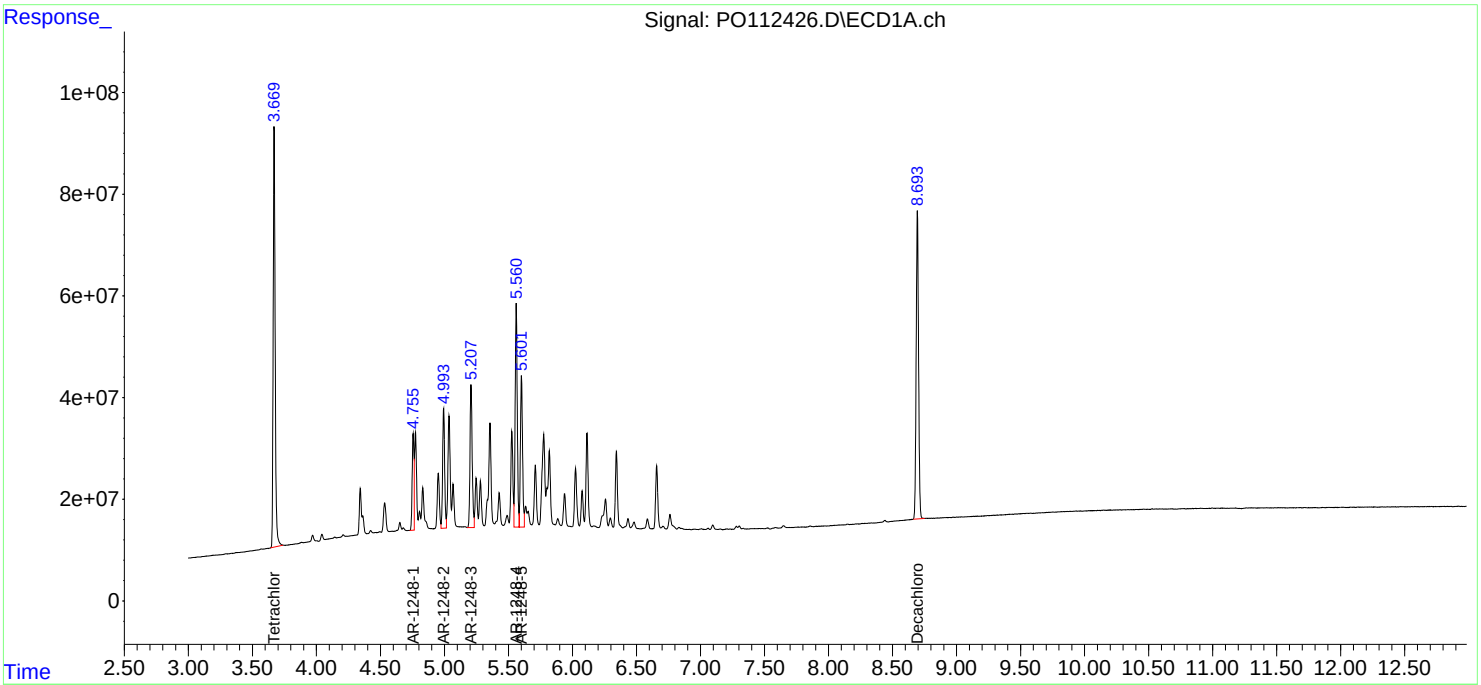
ICAL Form

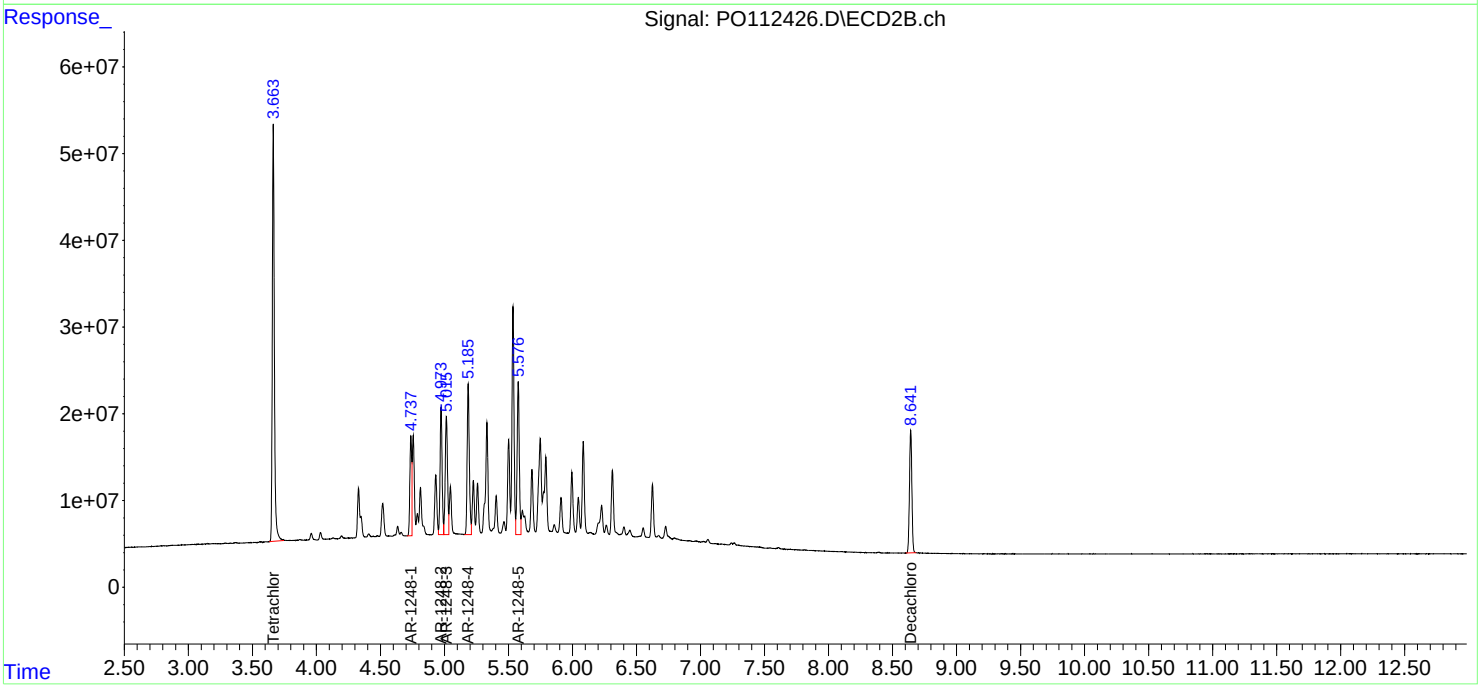
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:13
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

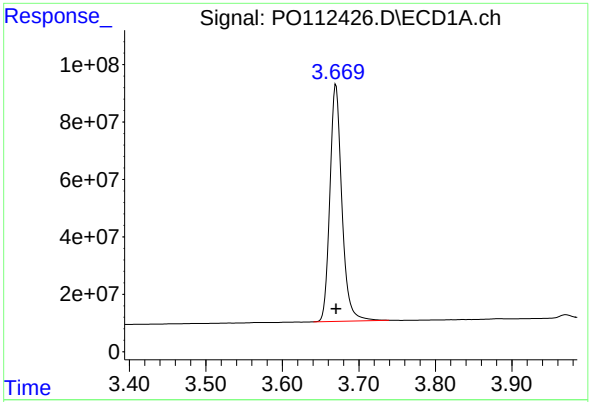
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

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



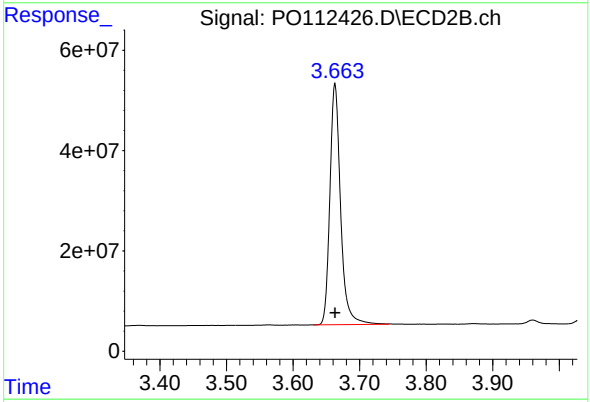




#1 Tetrachloro-m-xylene

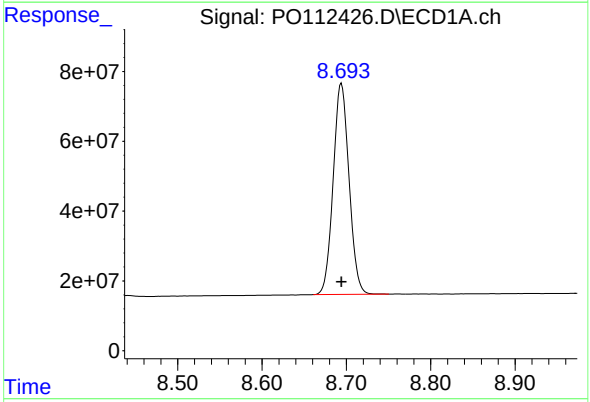
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 894659096
Conc: 98.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



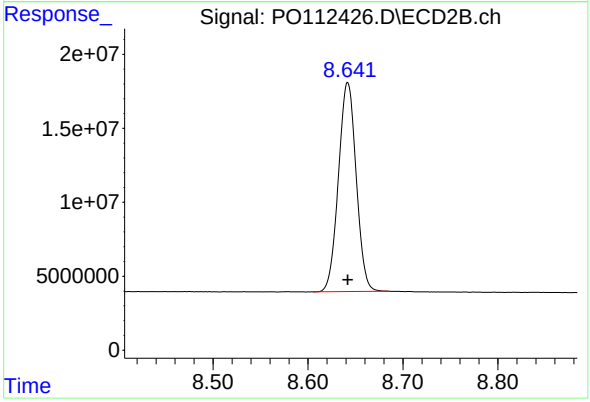
#1 Tetrachloro-m-xylene

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



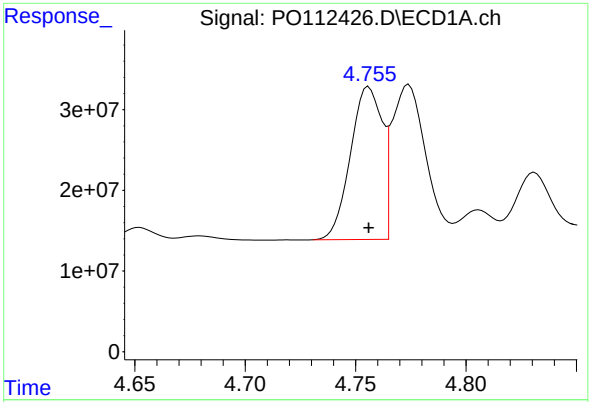
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

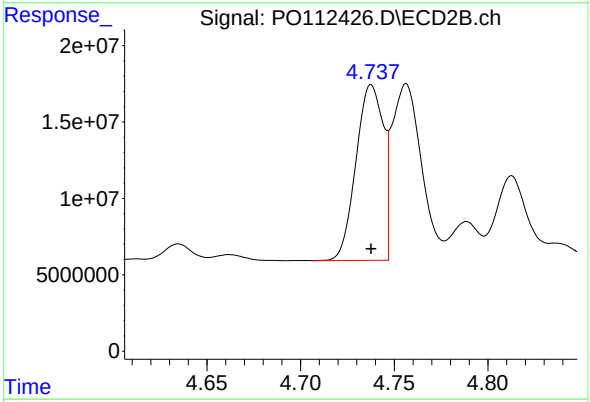
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 183652482
Conc: 97.23 ng/ml



#21 AR-1248-1

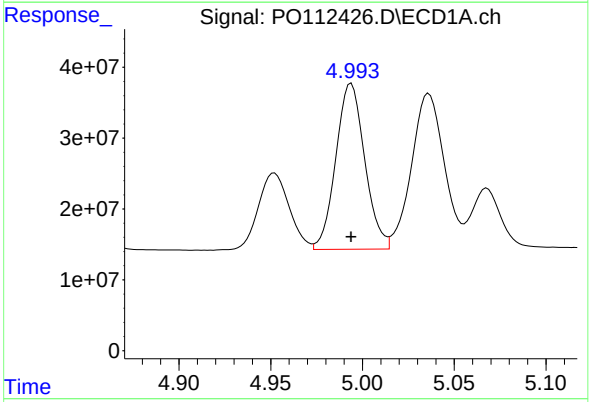
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 189314500
Conc: 976.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



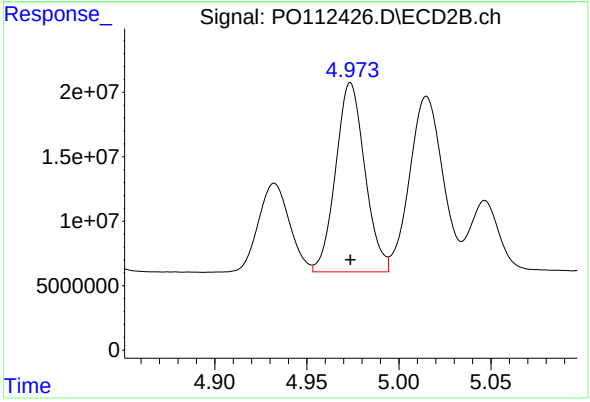
#21 AR-1248-1

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



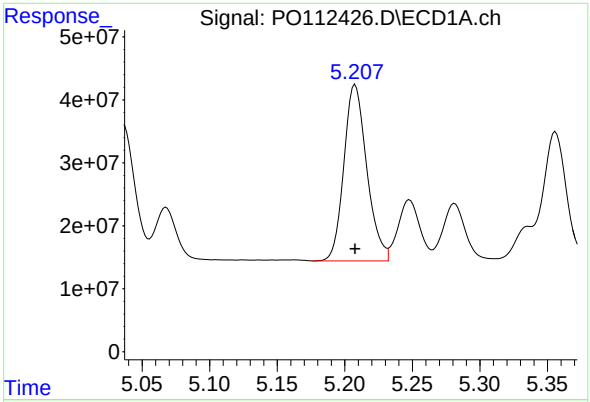
#22 AR-1248-2

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



#22 AR-1248-2

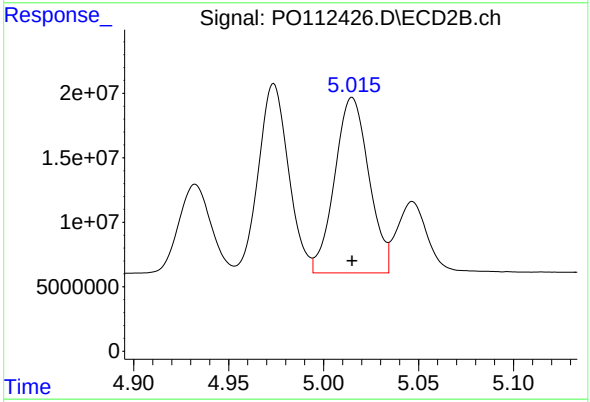
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 161755092
Conc: 958.26 ng/ml



#23 AR-1248-3

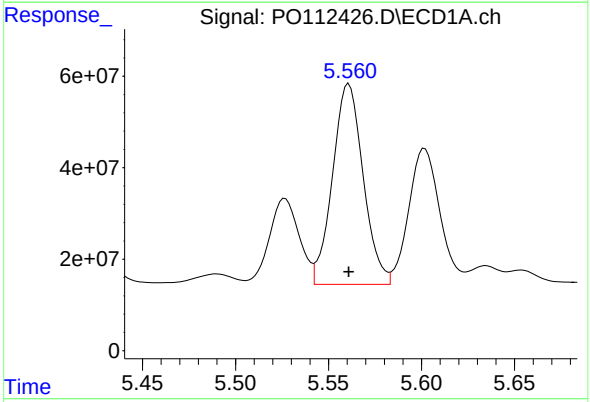
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 329824745
Conc: 969.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



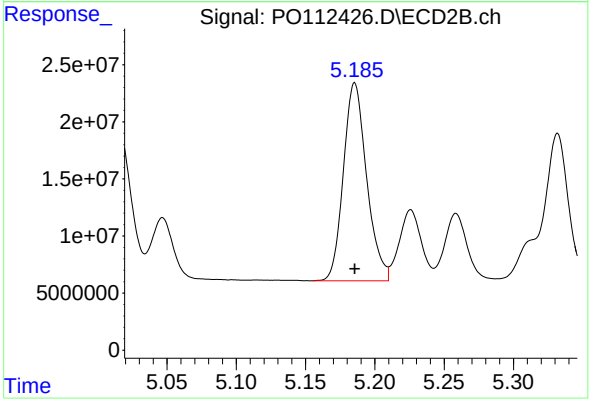
#23 AR-1248-3

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



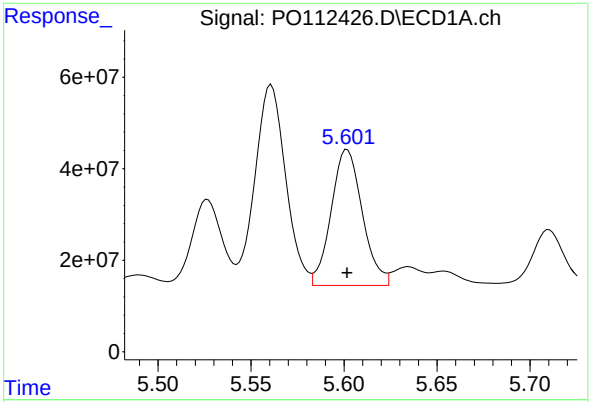
#24 AR-1248-4

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



#24 AR-1248-4

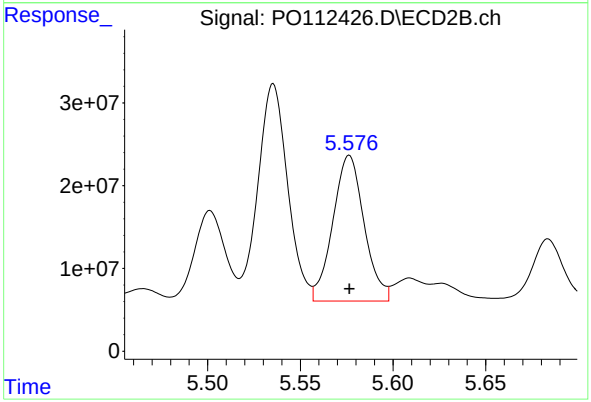
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 202462025
Conc: 960.44 ng/ml



#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

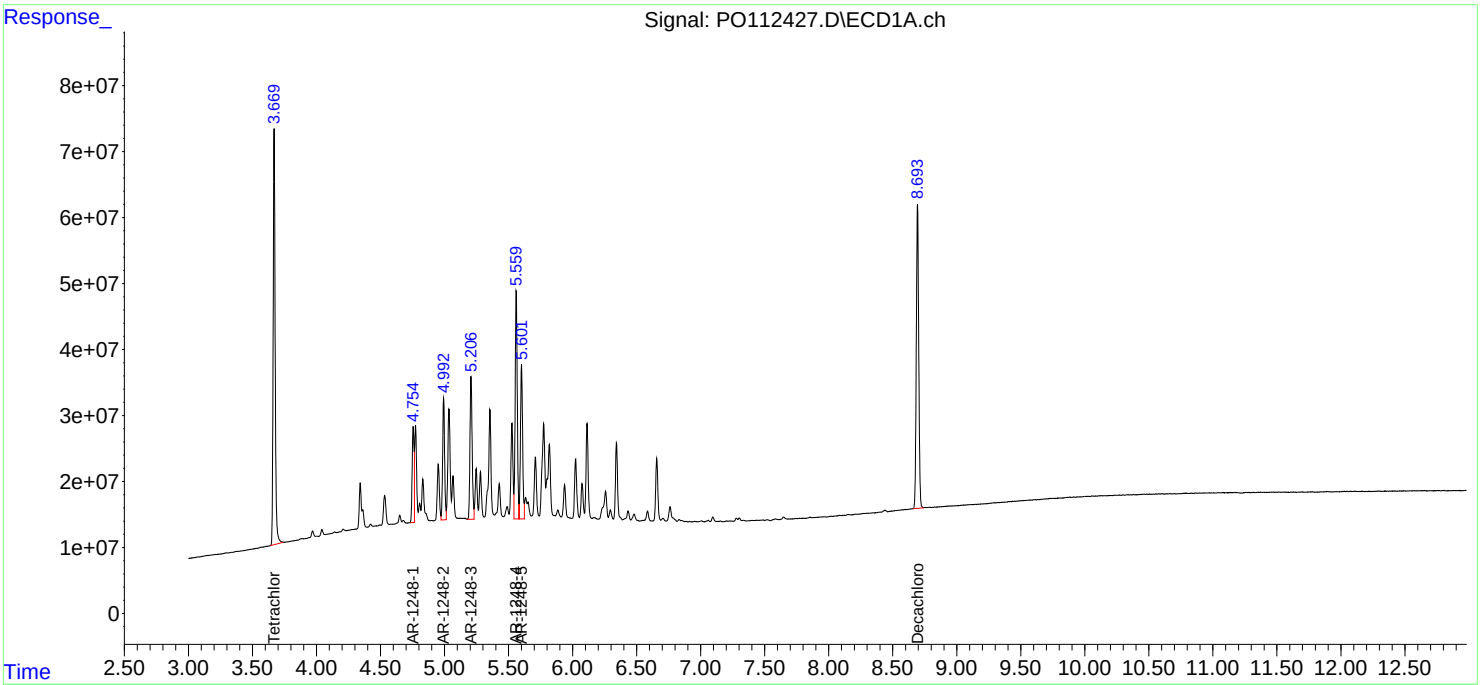
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

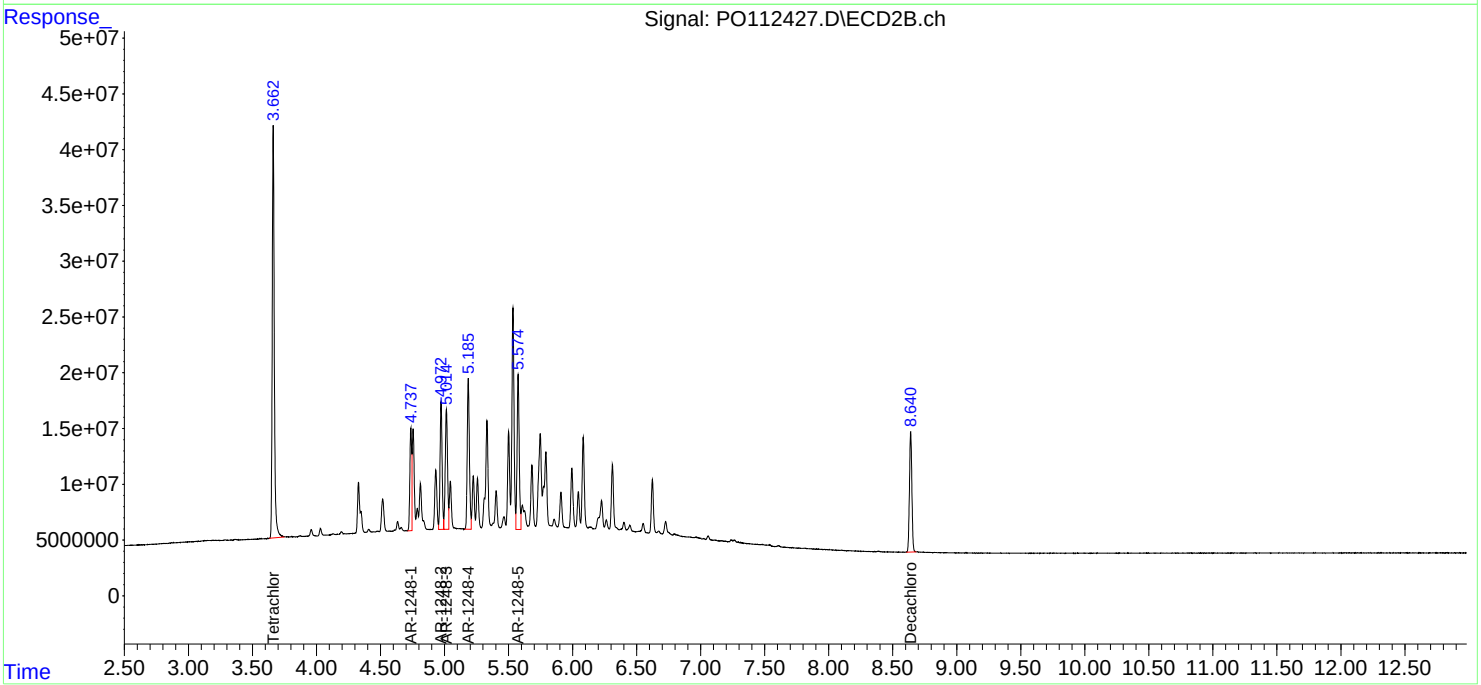
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:31
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

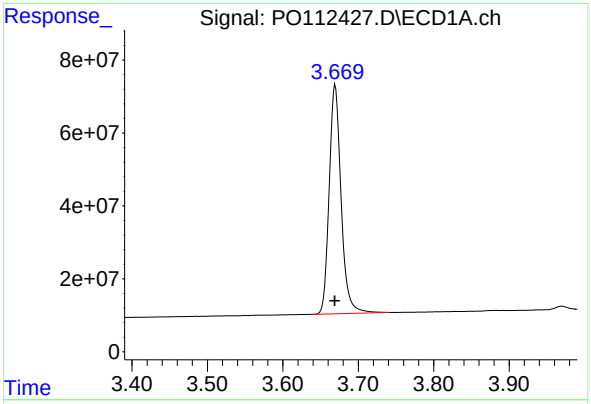
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

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



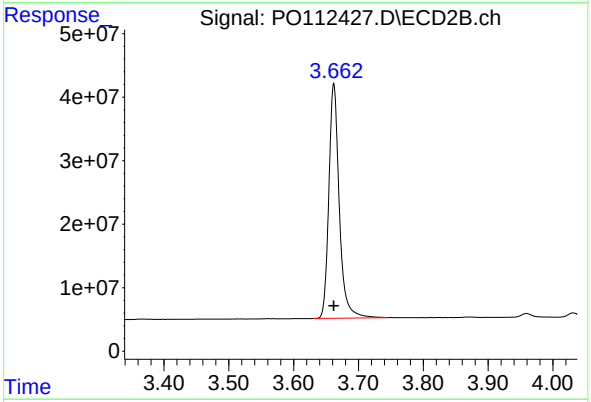




#1 Tetrachloro-m-xylene

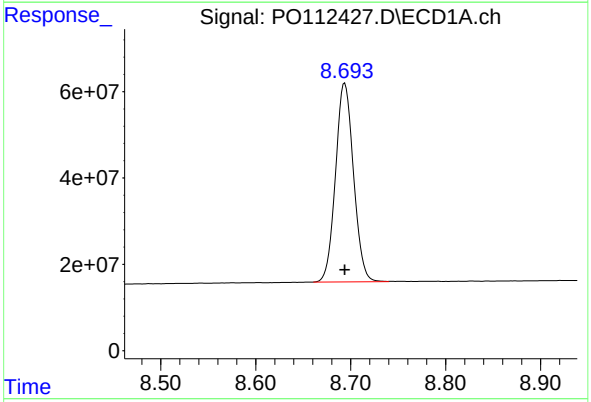
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 689179613
Conc: 75.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



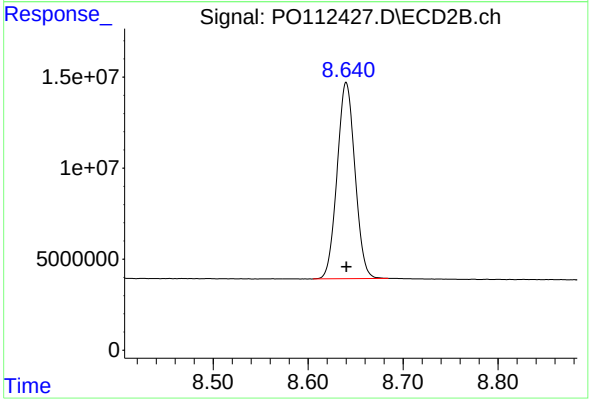
#1 Tetrachloro-m-xylene

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



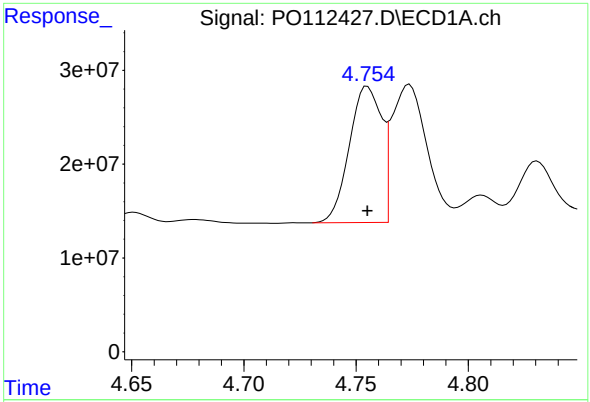
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

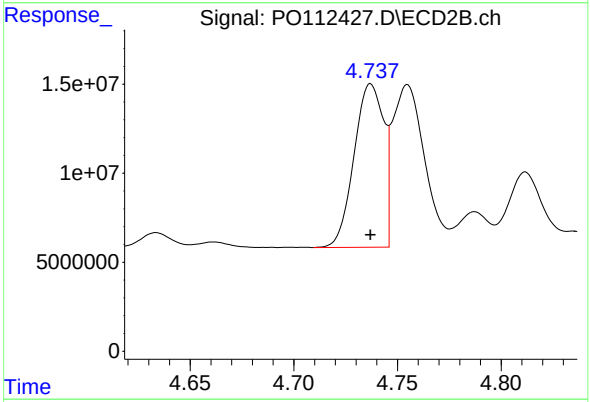
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 140886142
Conc: 74.73 ng/ml



#21 AR-1248-1

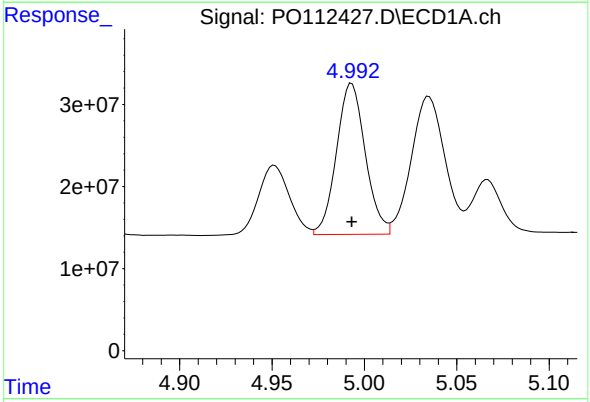
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 145054784
Conc: 748.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



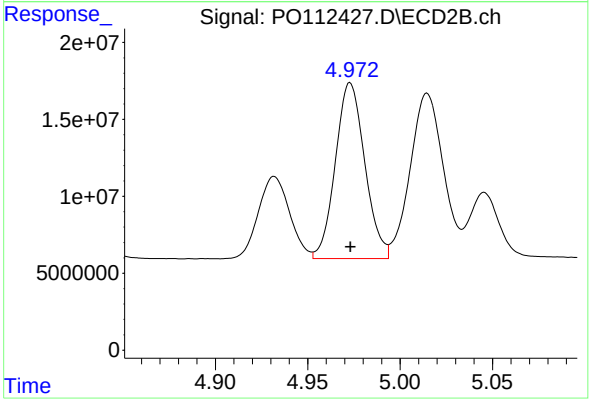
#21 AR-1248-1

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



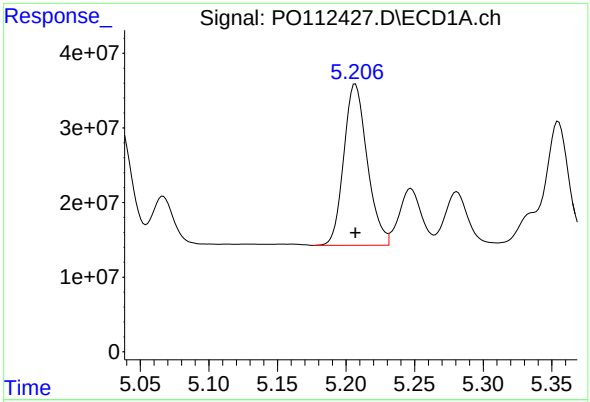
#22 AR-1248-2

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



#22 AR-1248-2

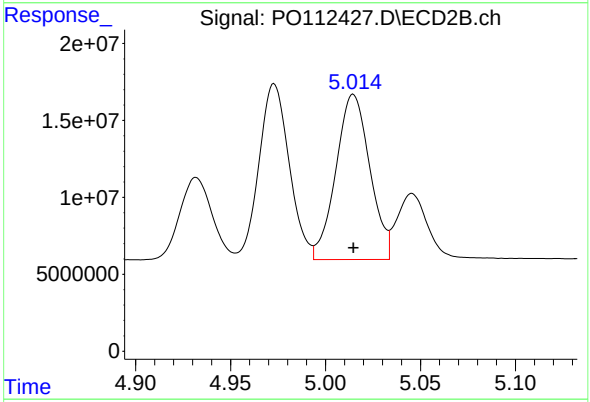
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 126679146
Conc: 750.31 ng/ml



#23 AR-1248-3

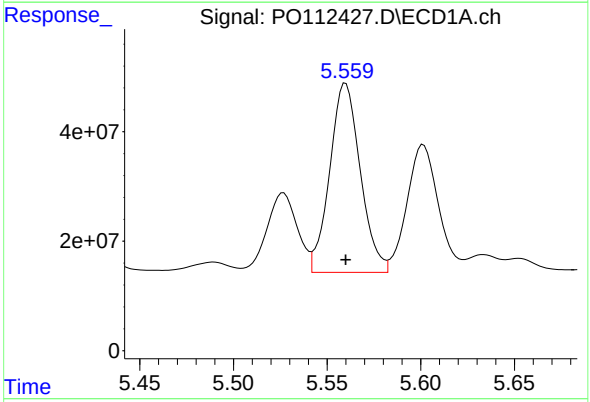
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 257015325
Conc: 753.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



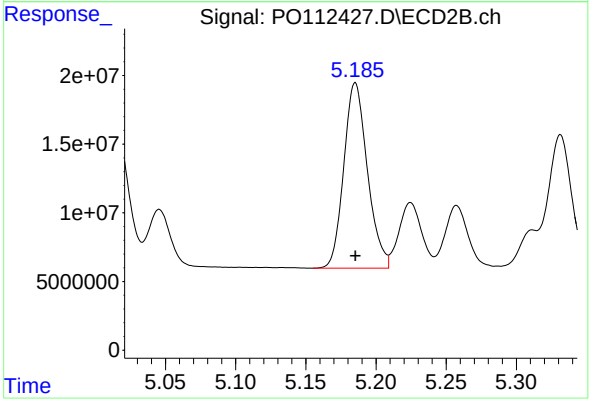
#23 AR-1248-3

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



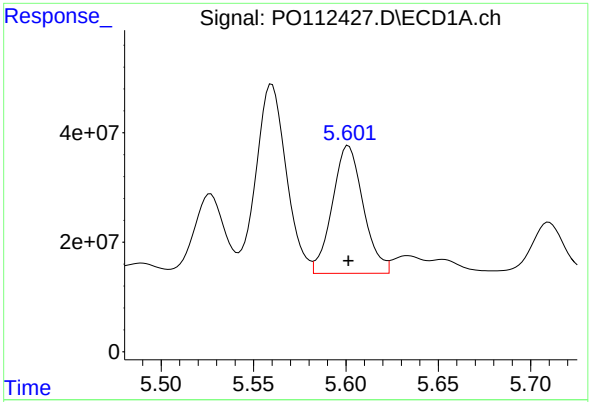
#24 AR-1248-4

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



#24 AR-1248-4

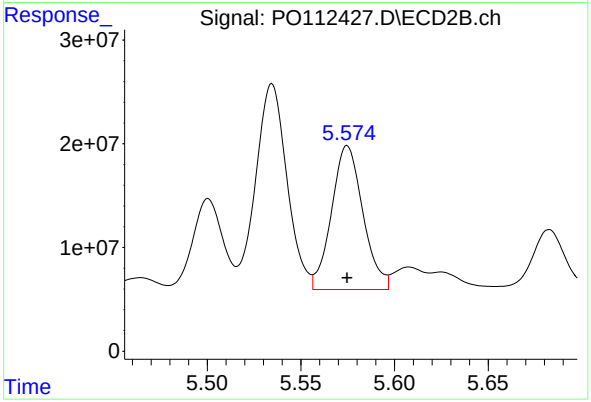
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 157984016
Conc: 749.63 ng/ml



#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.

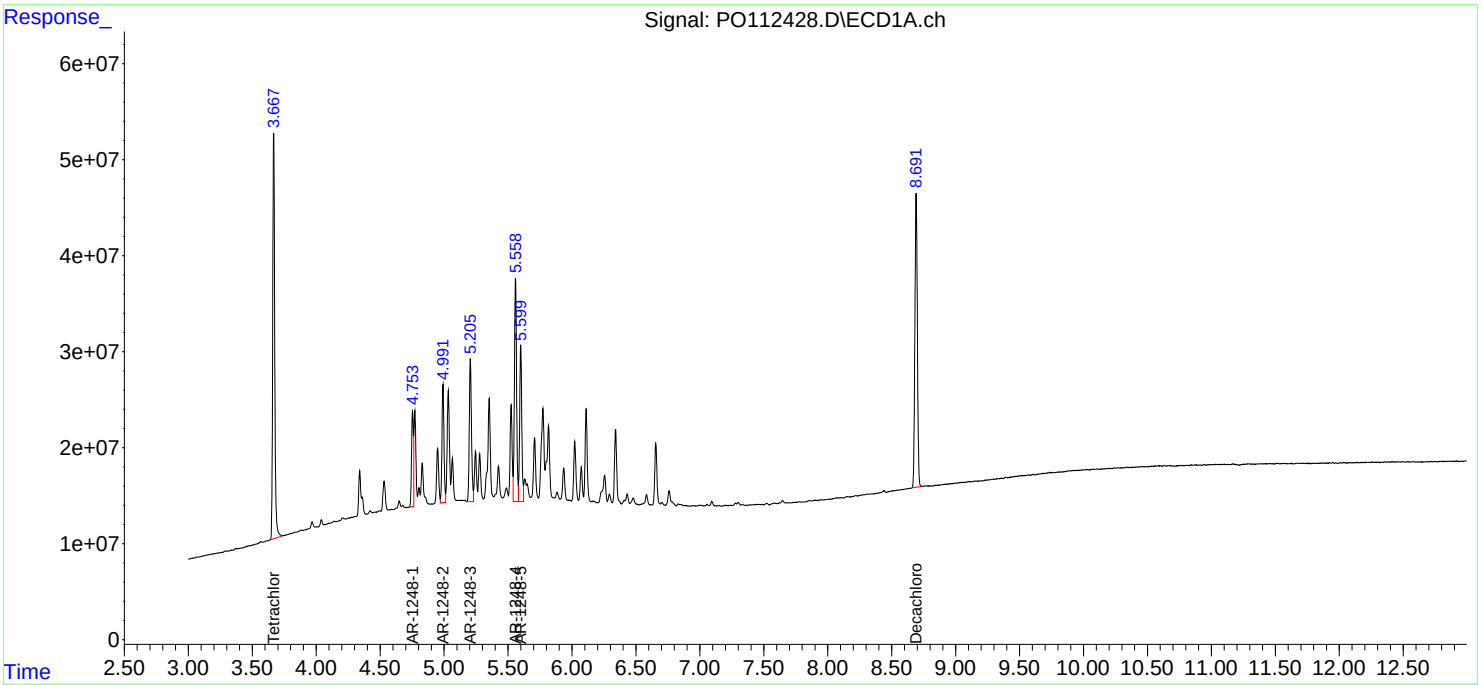
ICAL Form

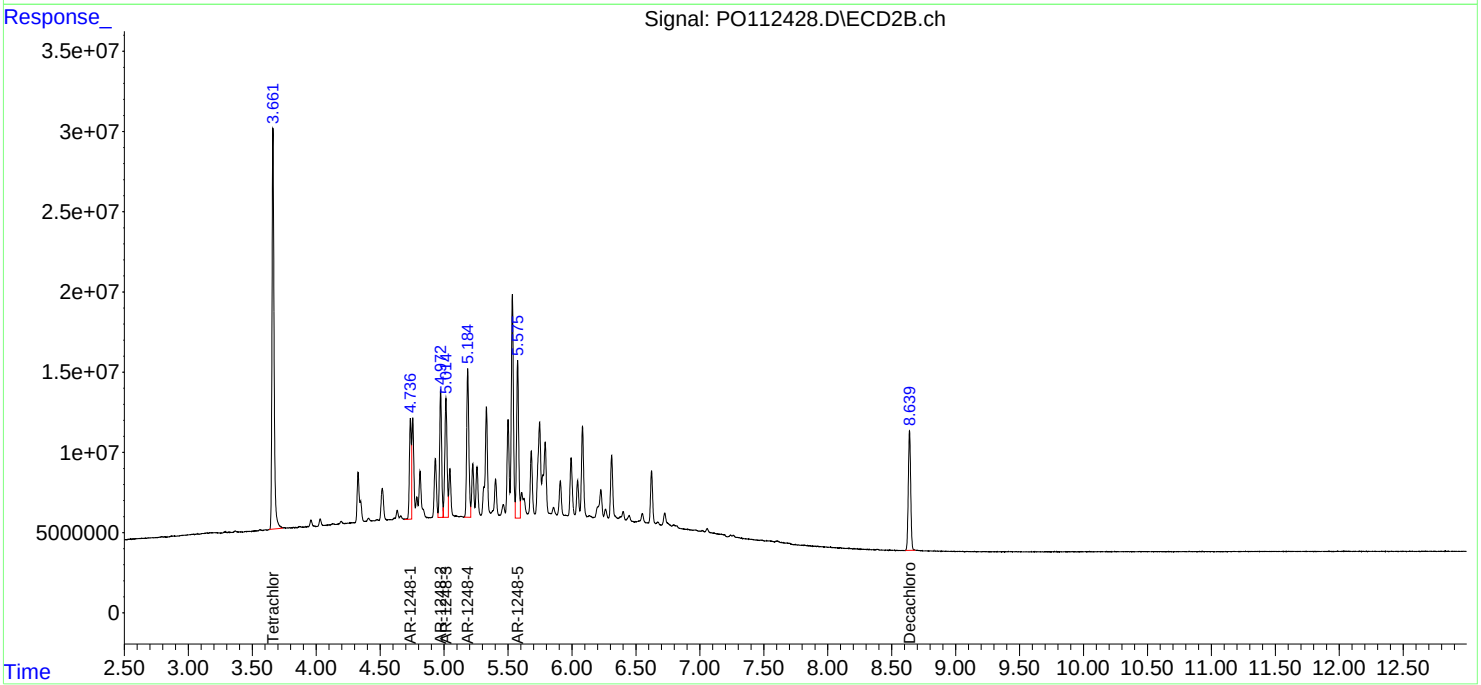
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 15:48
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

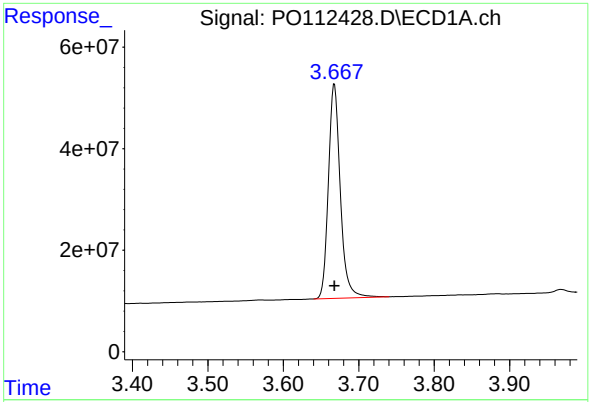
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

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



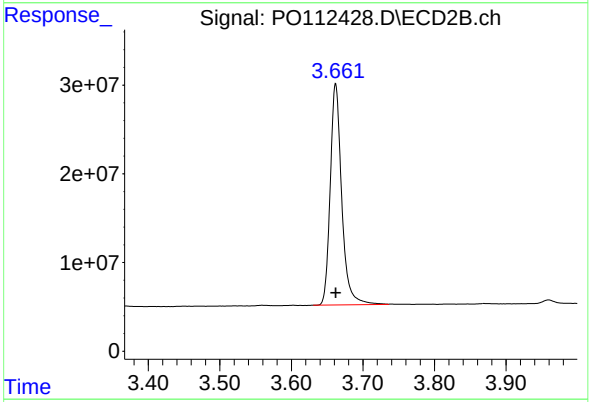




#1 Tetrachloro-m-xylene

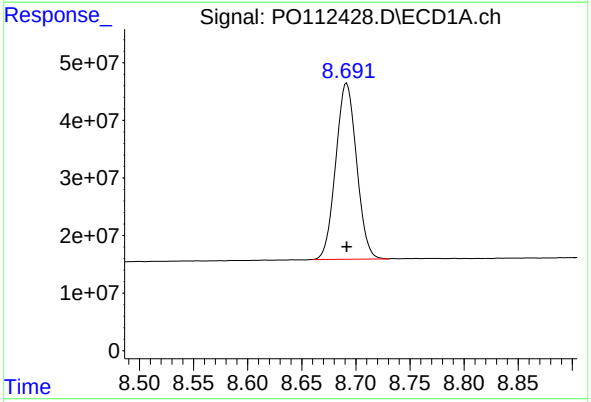
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 463659312
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



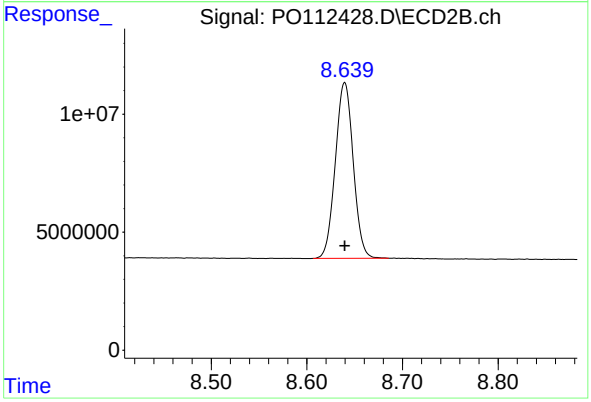
#1 Tetrachloro-m-xylene

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



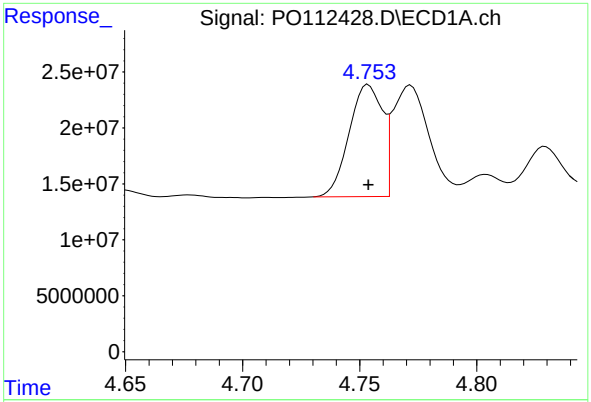
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

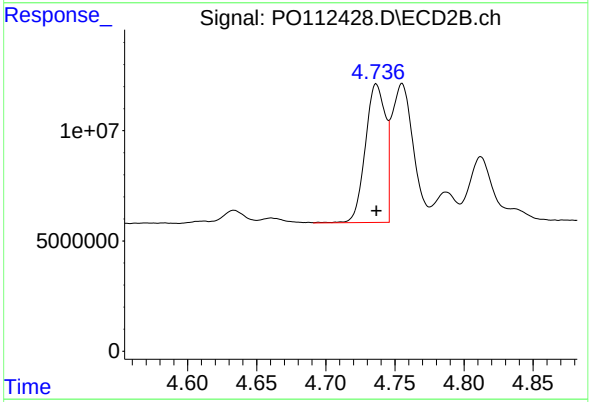
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 97058226
Conc: 50.00 ng/ml



#21 AR-1248-1

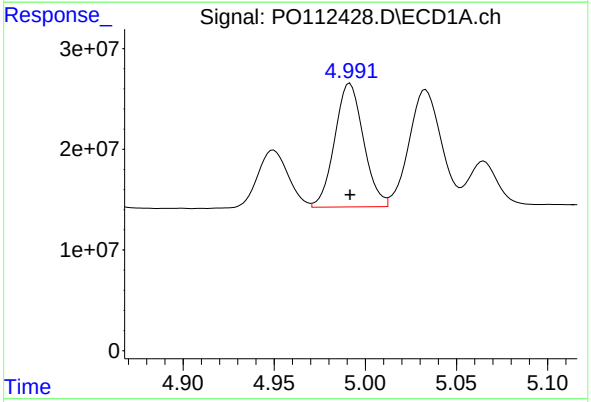
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 99182020
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



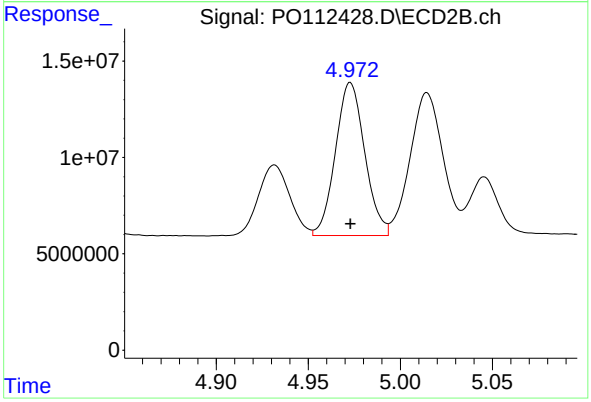
#21 AR-1248-1

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



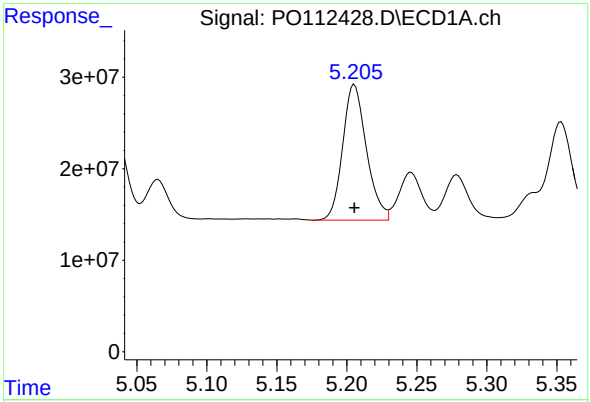
#22 AR-1248-2

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



#22 AR-1248-2

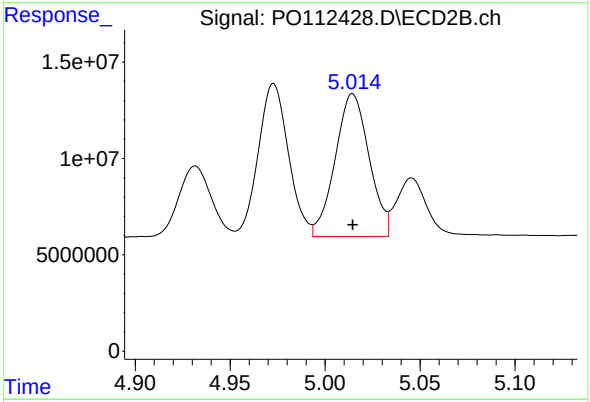
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 87923157
Conc: 500.00 ng/ml



#23 AR-1248-3

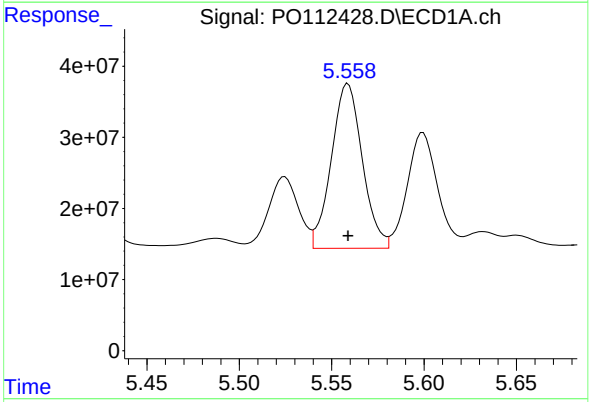
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 175208983
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



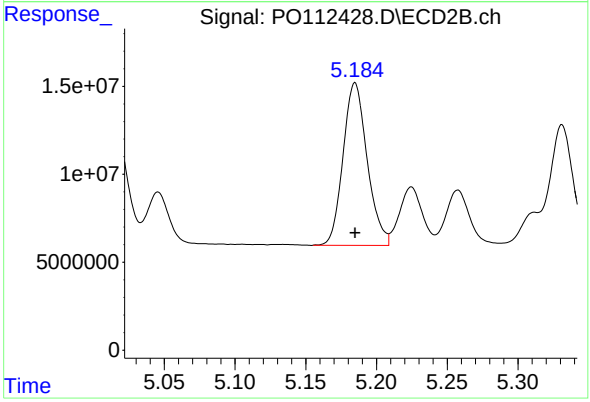
#23 AR-1248-3

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



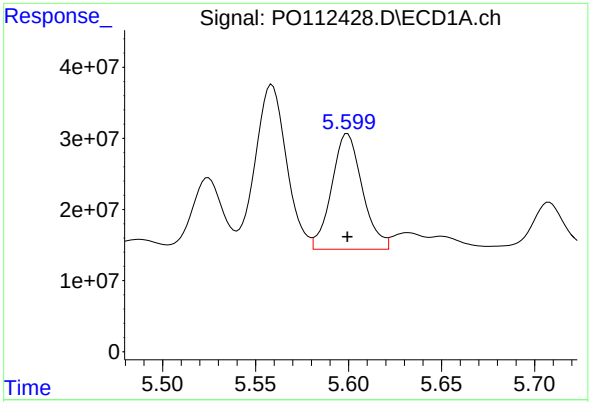
#24 AR-1248-4

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



#24 AR-1248-4

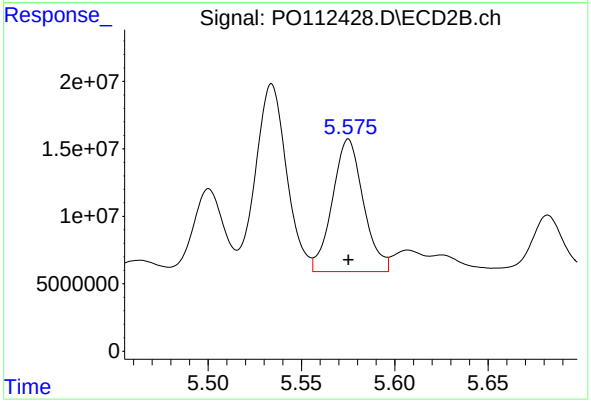
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 109571190
Conc: 500.00 ng/ml



#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.

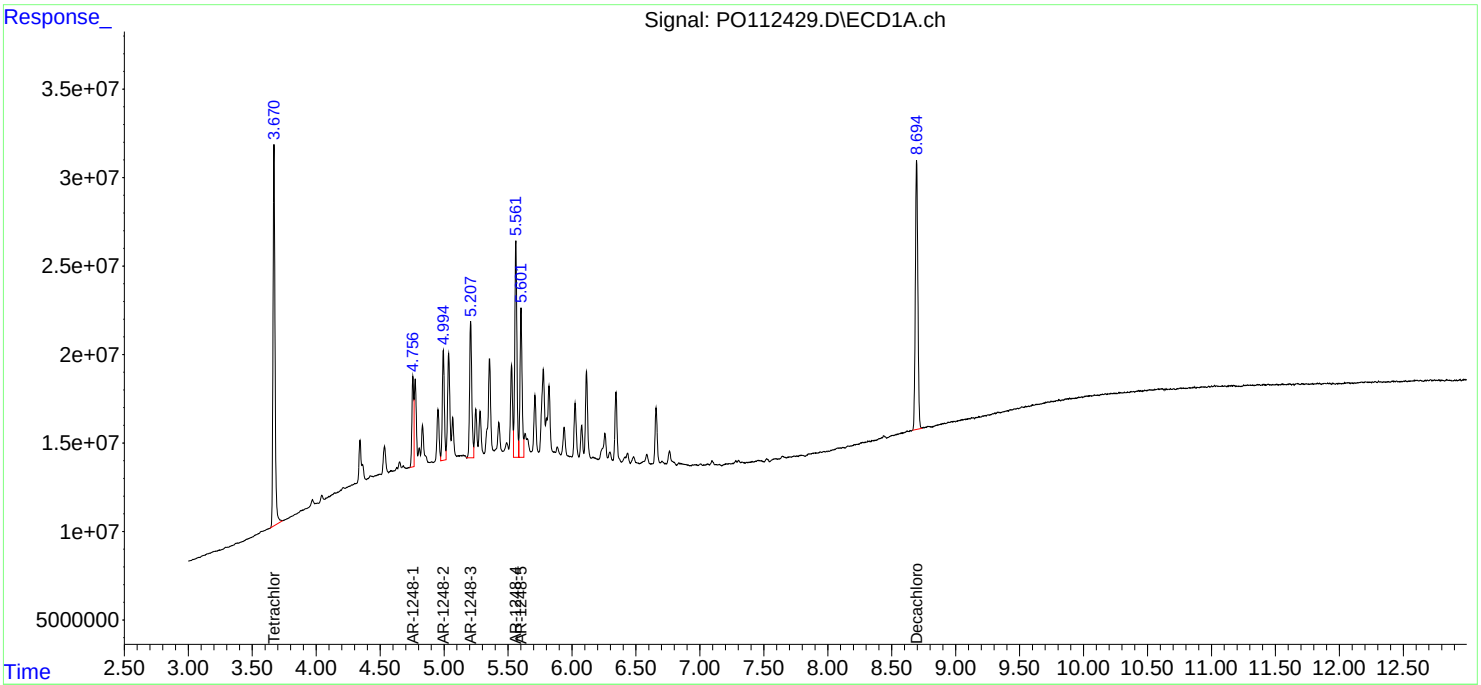
ICAL Form

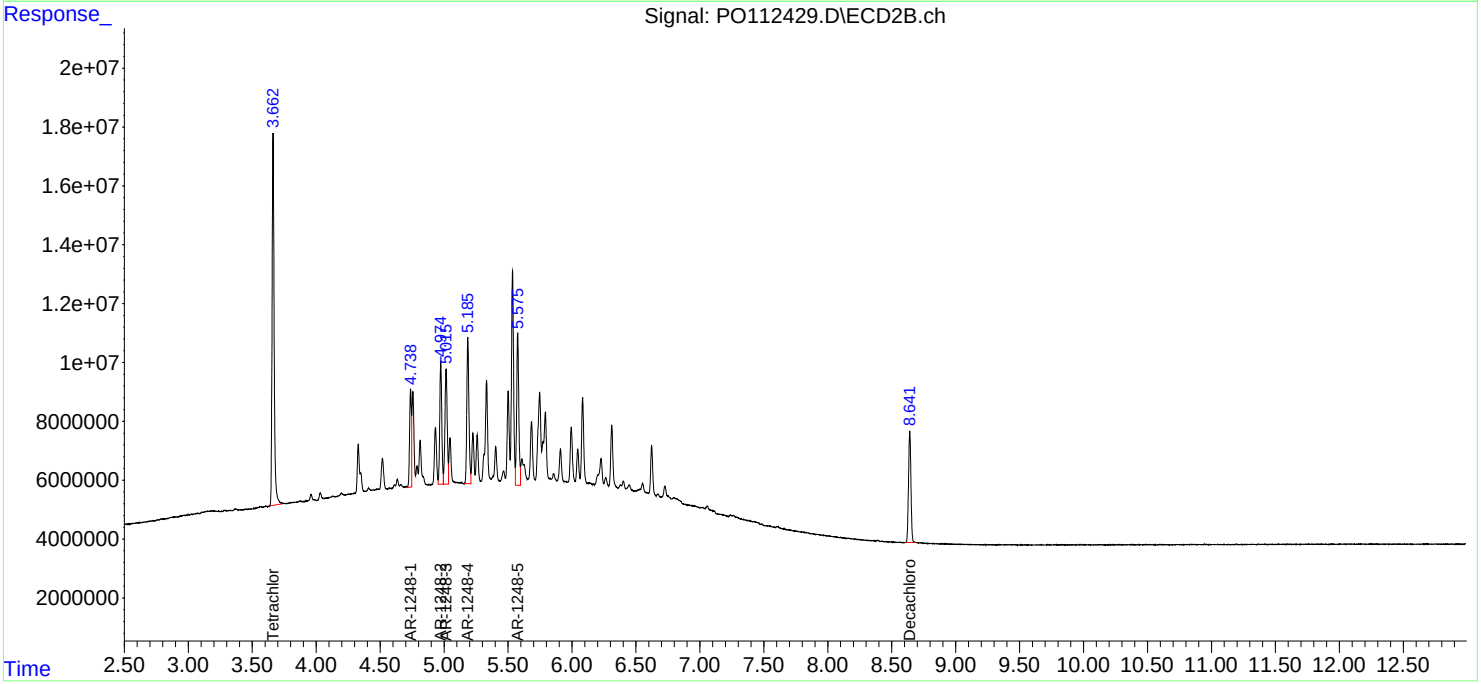
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:07
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

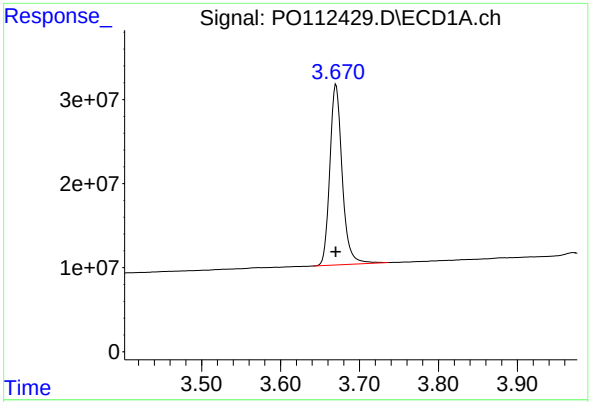
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

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



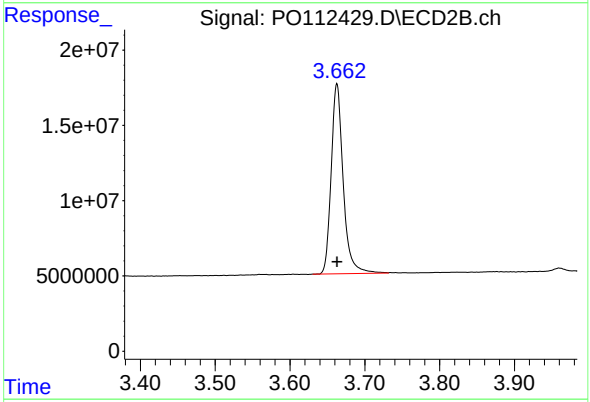




#1 Tetrachloro-m-xylene

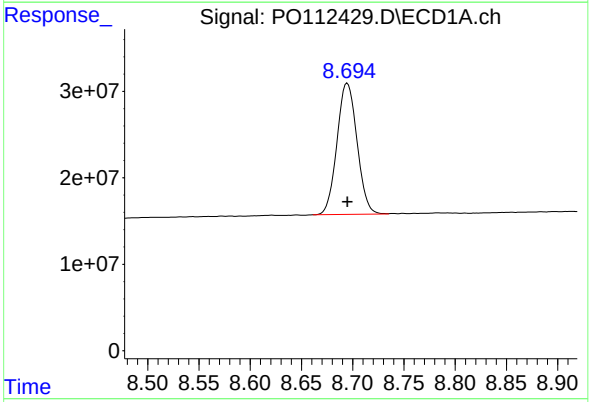
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 233933554
Conc: 25.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



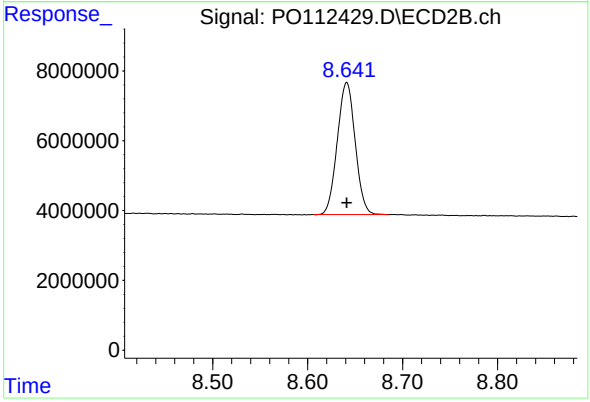
#1 Tetrachloro-m-xylene

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



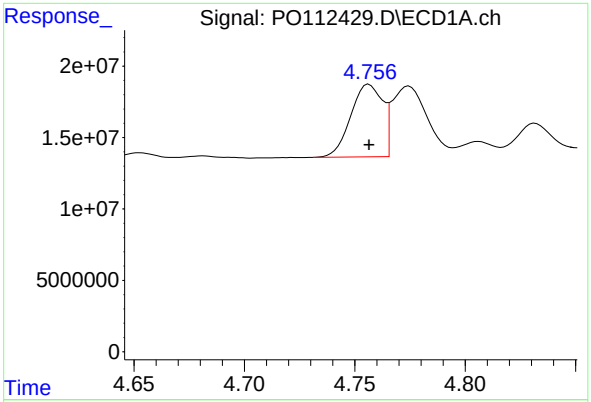
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

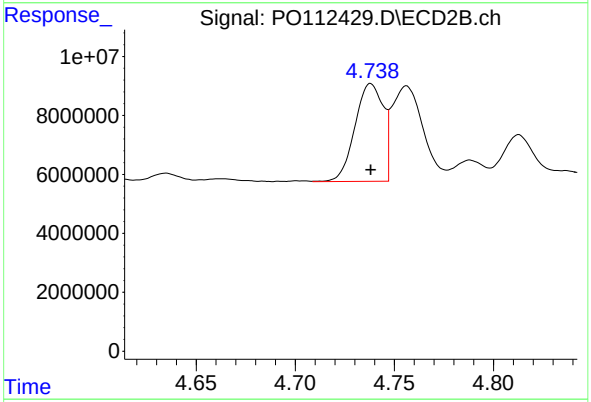
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 49551581
Conc: 25.95 ng/ml



#21 AR-1248-1

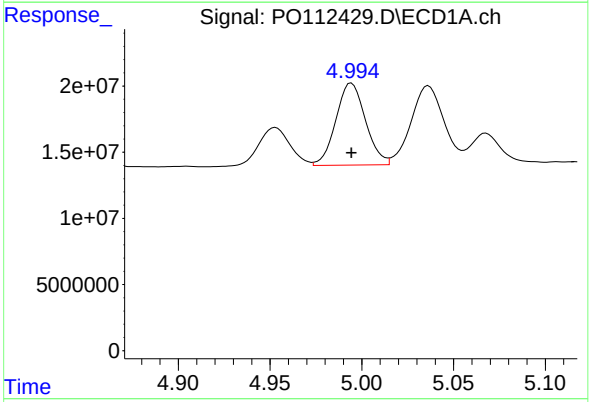
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 50861384
Conc: 259.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



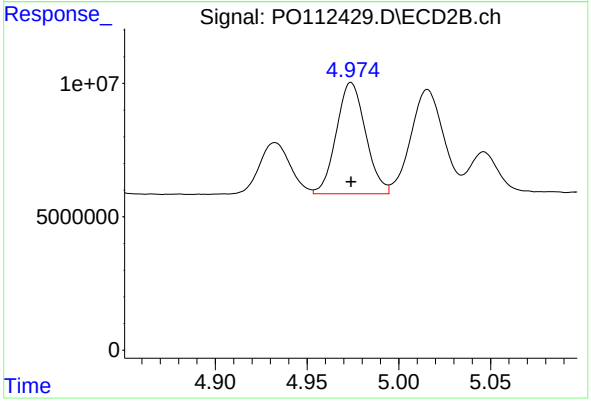
#21 AR-1248-1

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



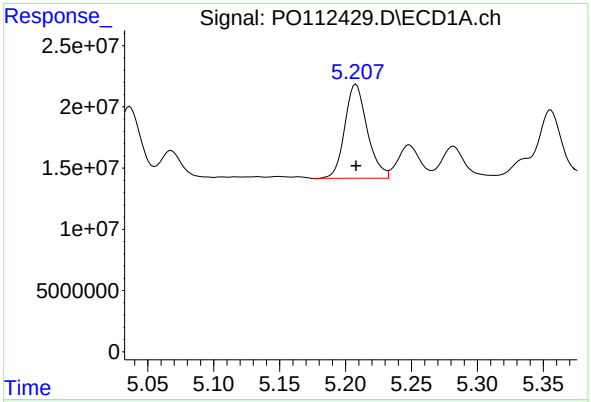
#22 AR-1248-2

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



#22 AR-1248-2

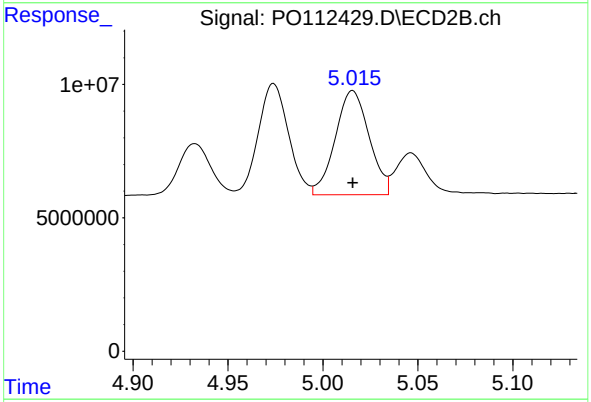
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 46341566
Conc: 267.92 ng/ml



#23 AR-1248-3

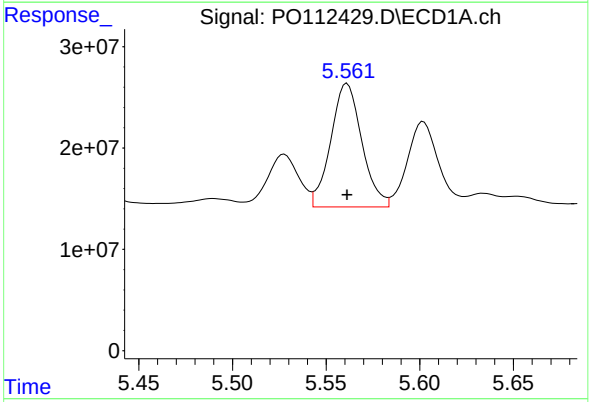
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 91080155
Conc: 262.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



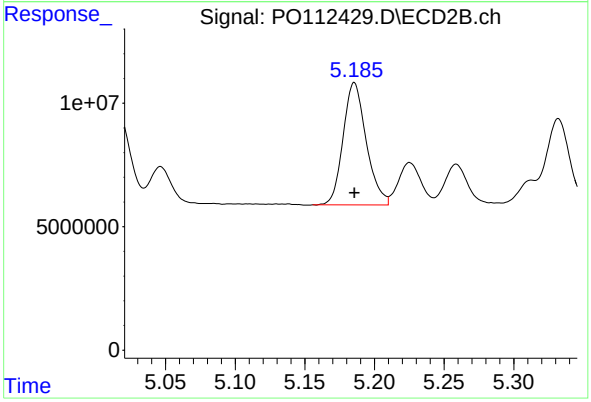
#23 AR-1248-3

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



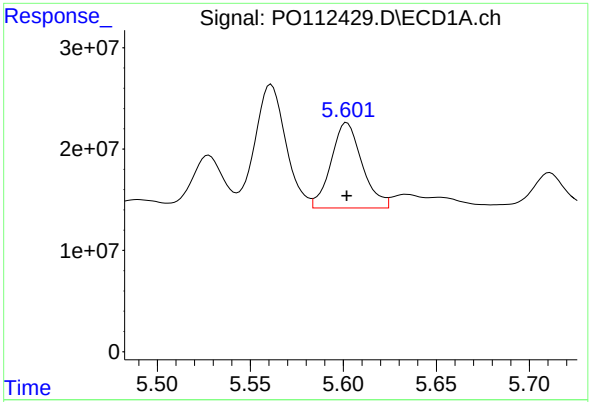
#24 AR-1248-4

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



#24 AR-1248-4

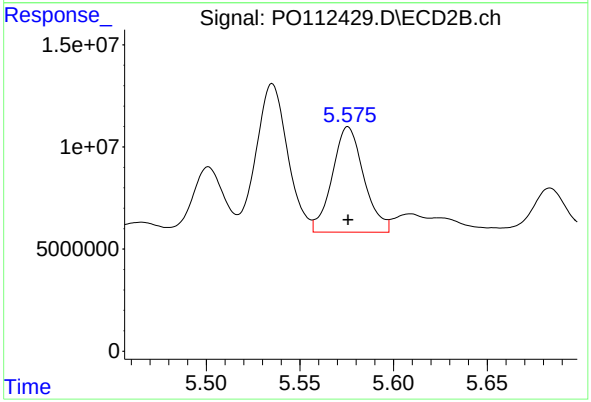
R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 57393073
Conc: 266.38 ng/ml



#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

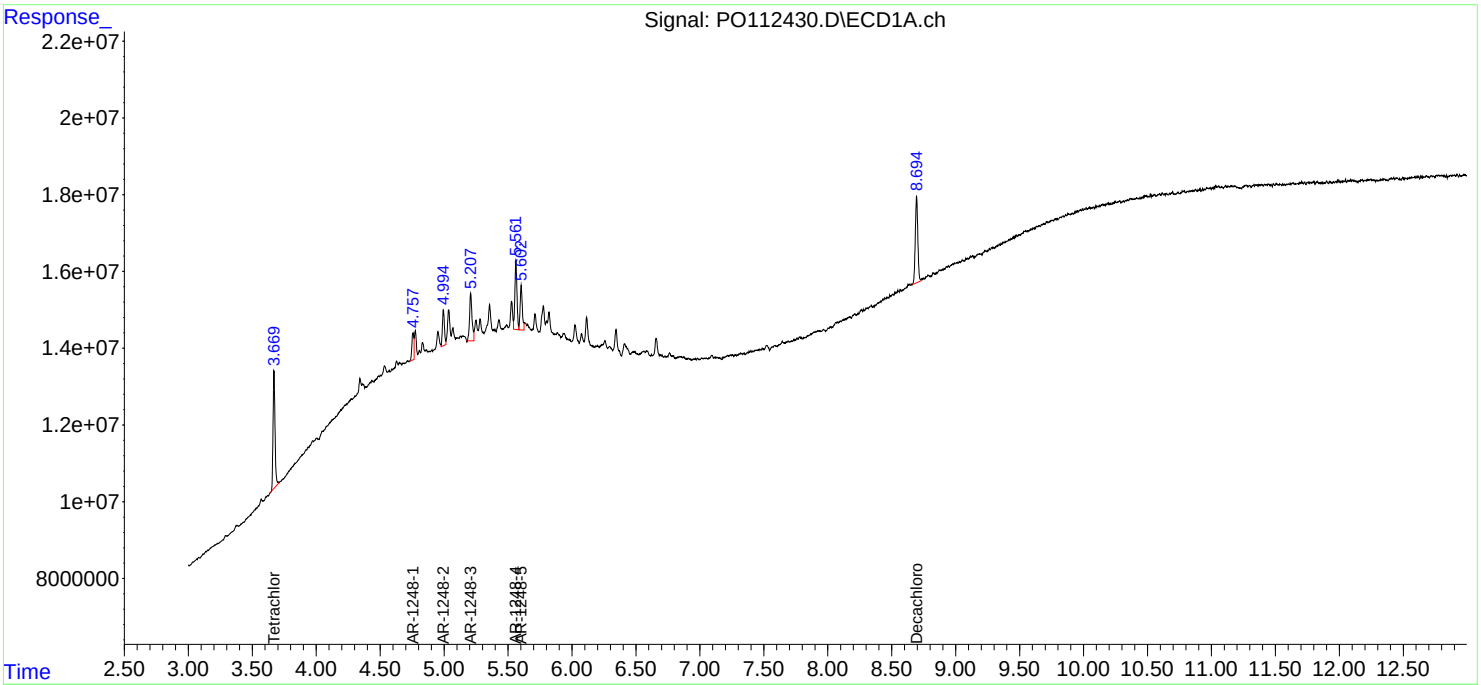
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

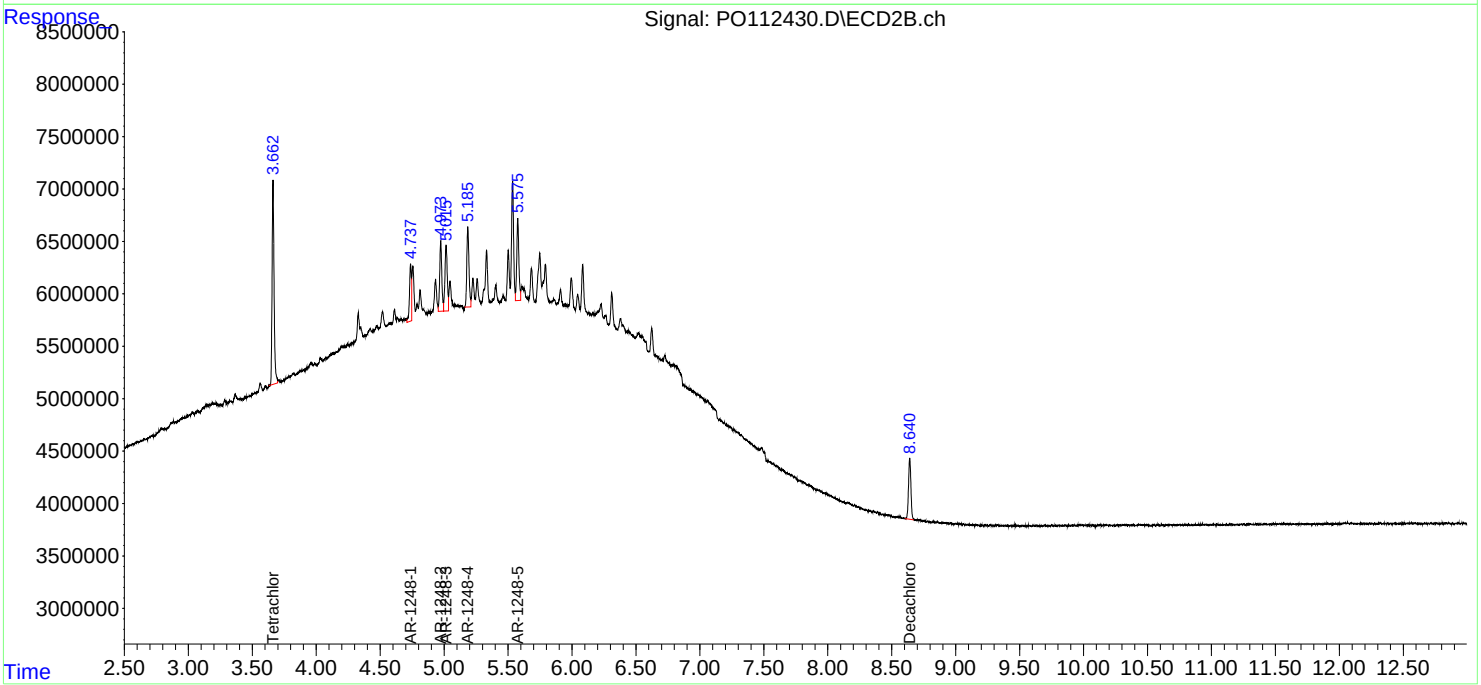
Manual Integrations APPROVED

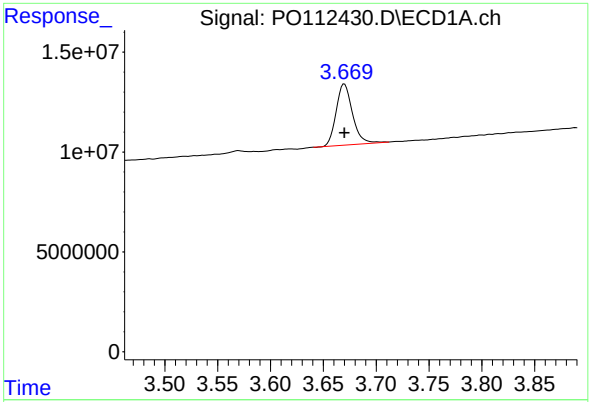
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







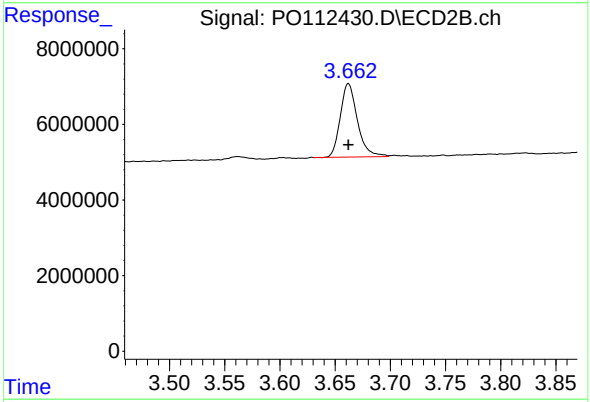
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

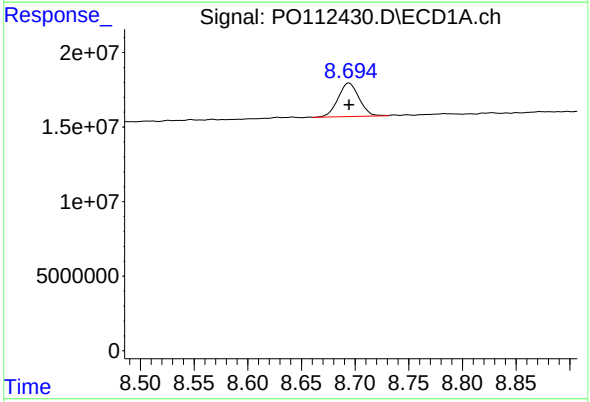
Manual Integrations APPROVED

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



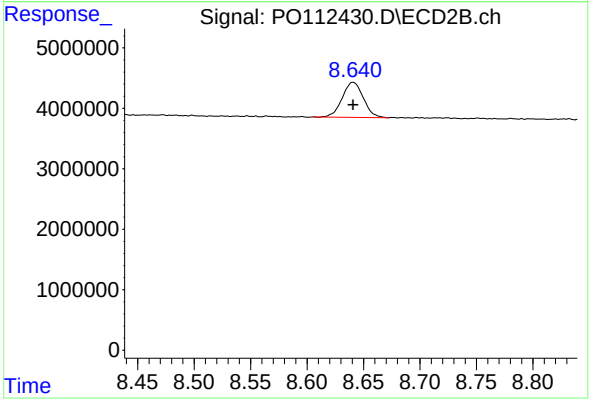
#1 Tetrachloro-m-xylene

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



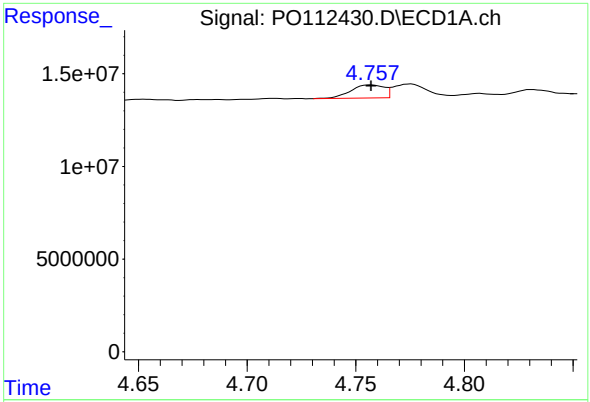
#2 Decachlorobiphenyl

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



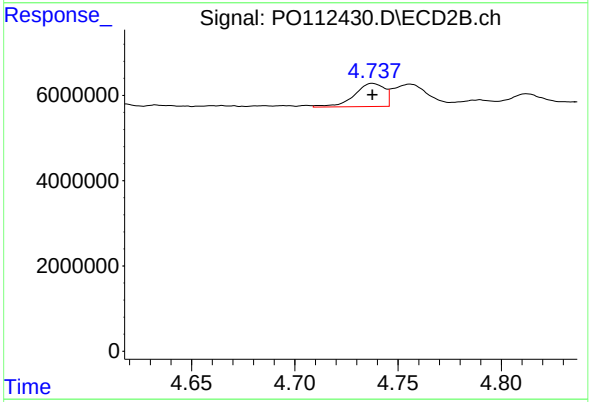
#21 AR-1248-1

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

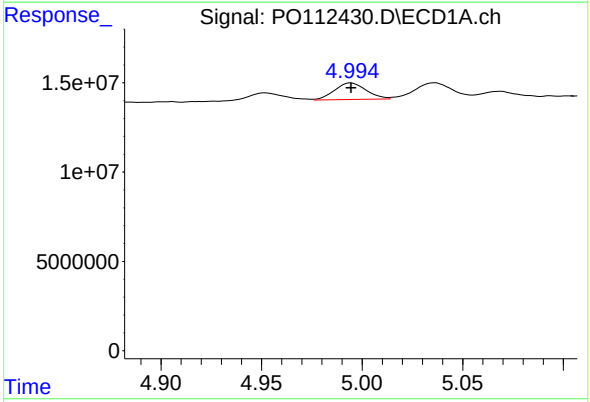
Manual Integrations APPROVED

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



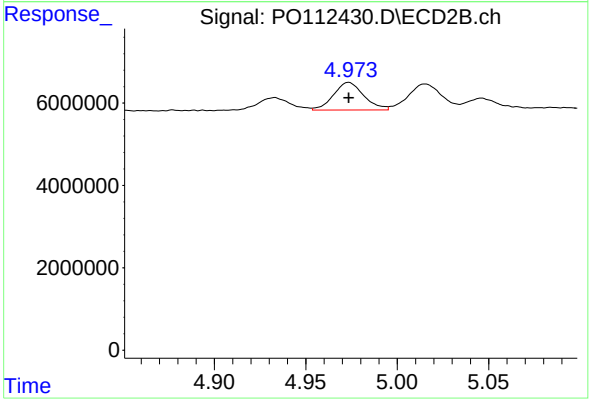
#21 AR-1248-1

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



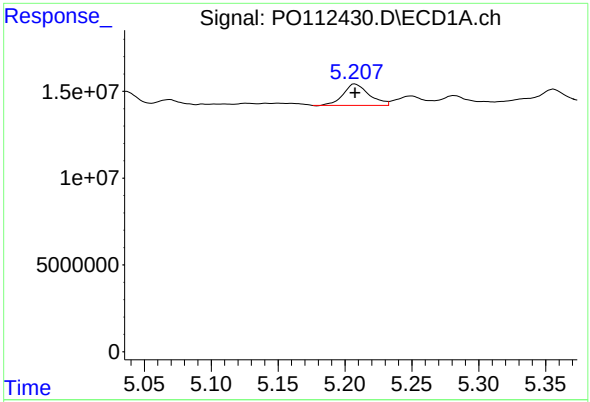
#22 AR-1248-2

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



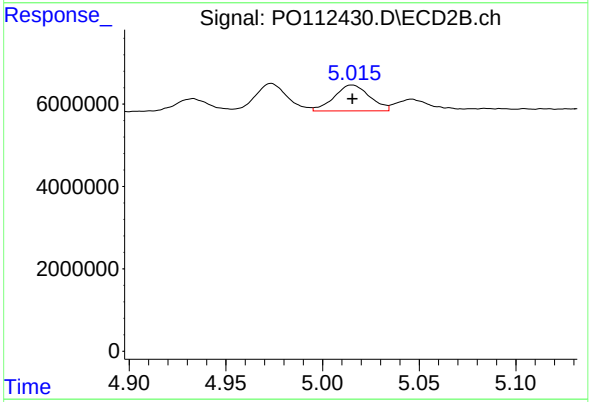
#23 AR-1248-3

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

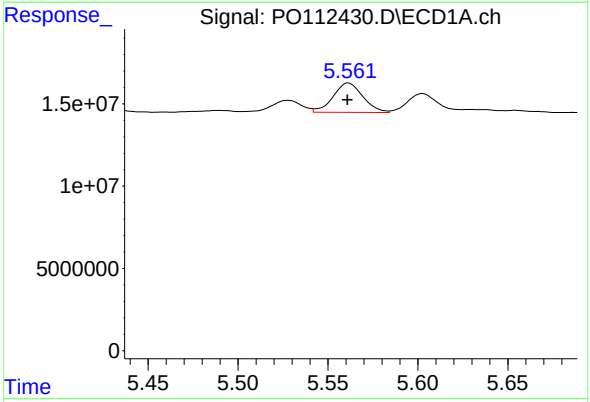
Manual Integrations APPROVED

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



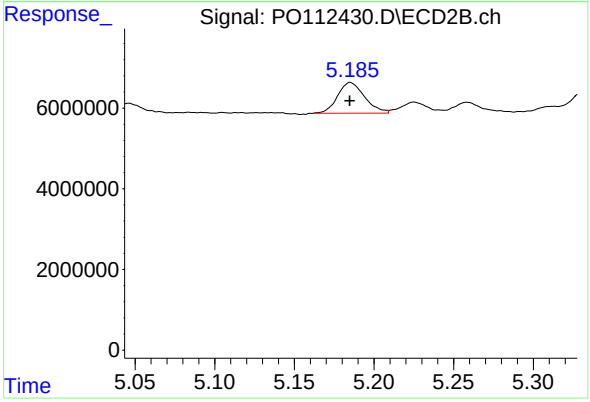
#23 AR-1248-3

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



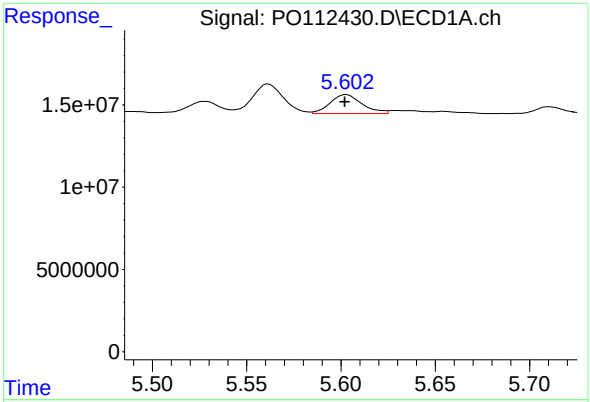
#24 AR-1248-4

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



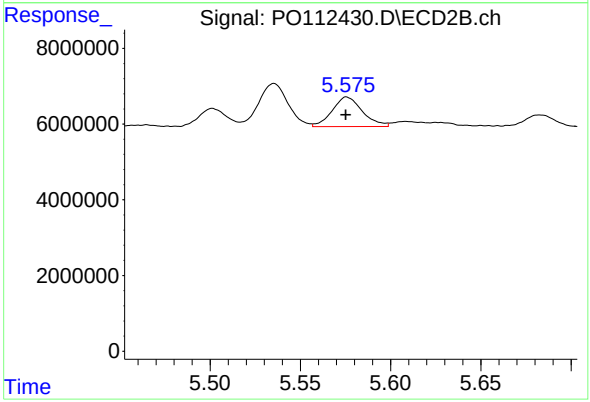
#25 AR-1248-5

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.

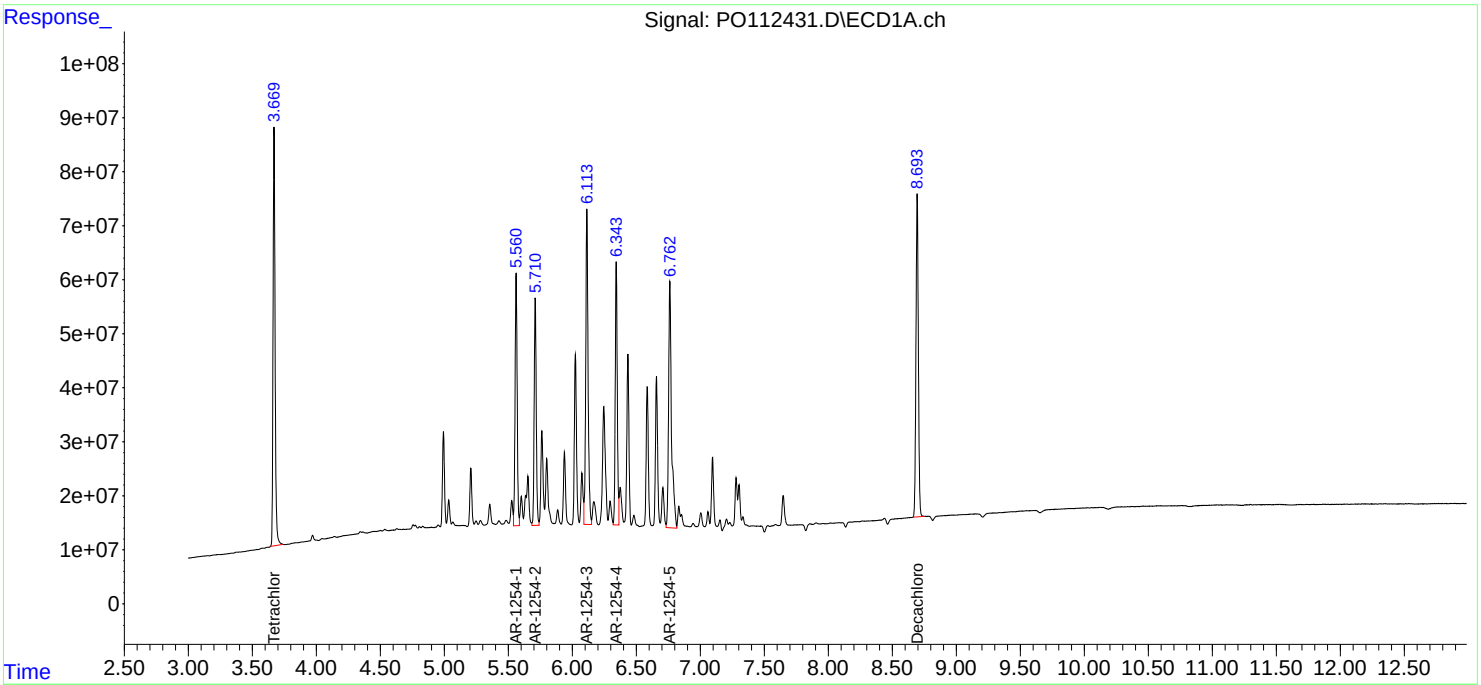
ICAL Form

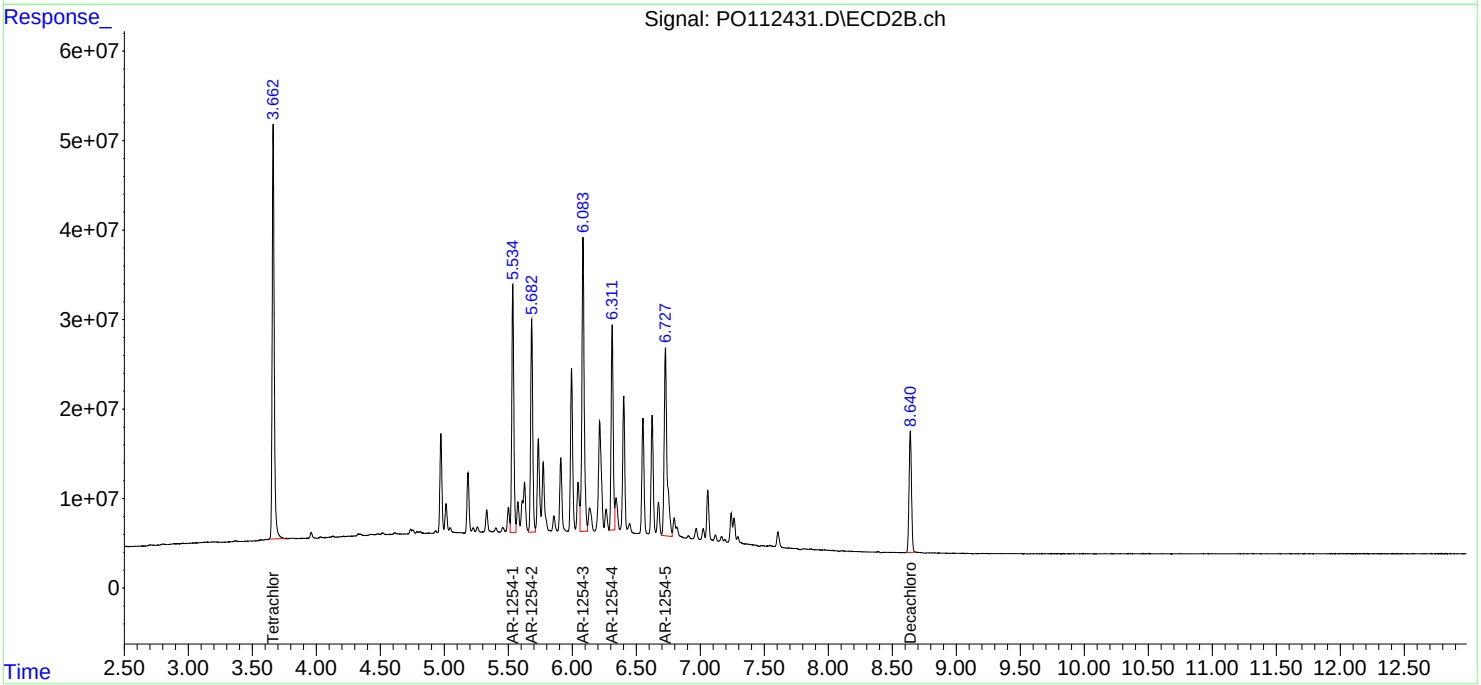
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:44
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

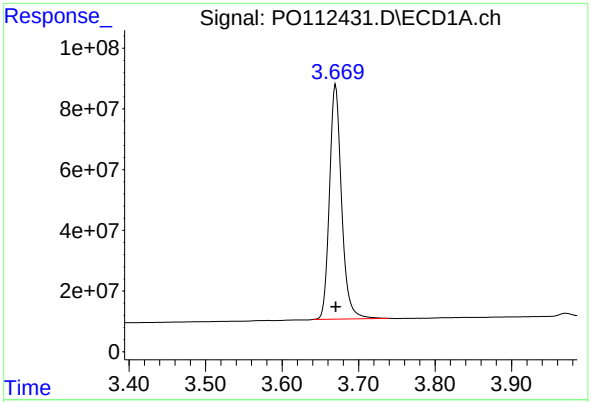
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

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



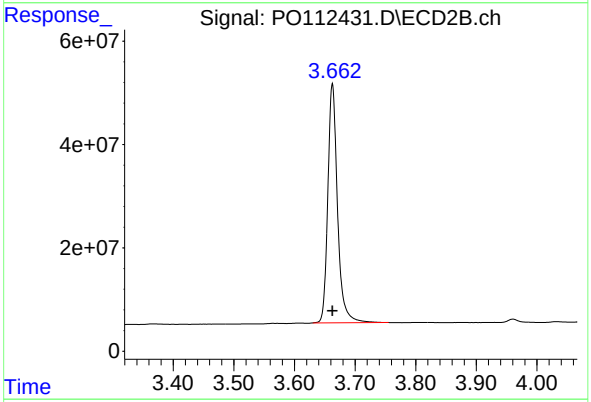




#1 Tetrachloro-m-xylene

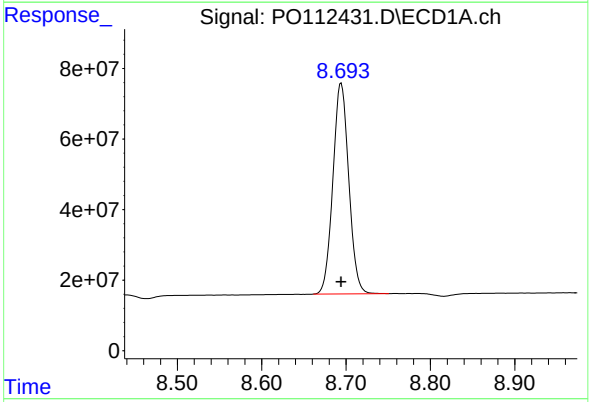
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 847789375
Conc: 96.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



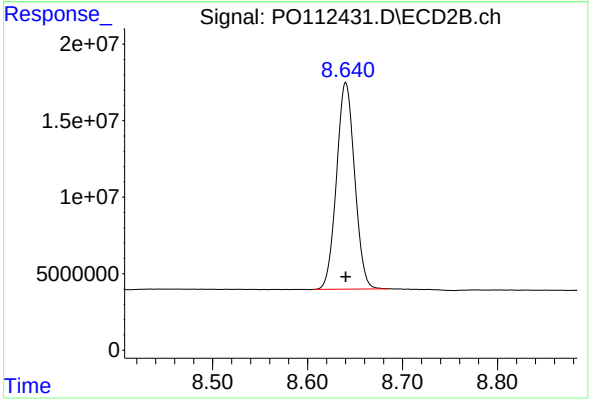
#1 Tetrachloro-m-xylene

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



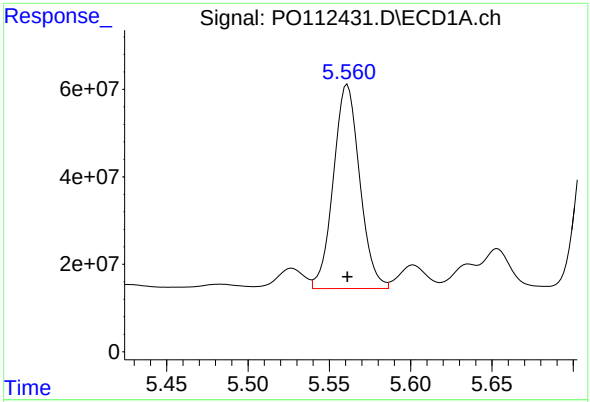
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

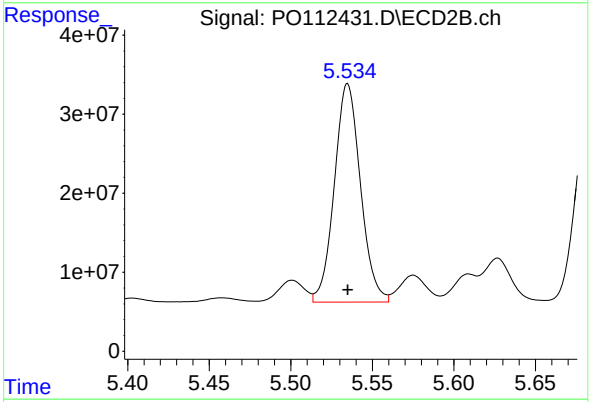
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 179406564
Conc: 96.85 ng/ml



#26 AR-1254-1

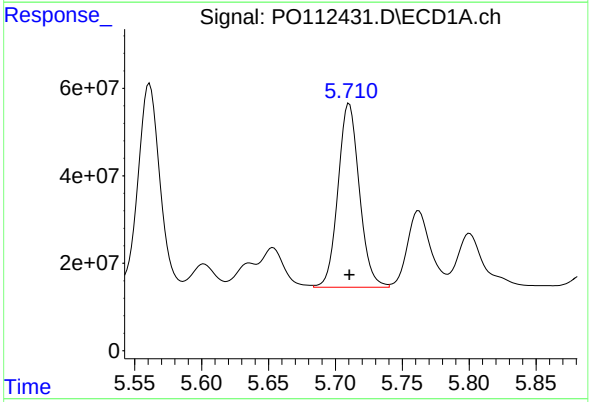
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 525205609
Conc: 960.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



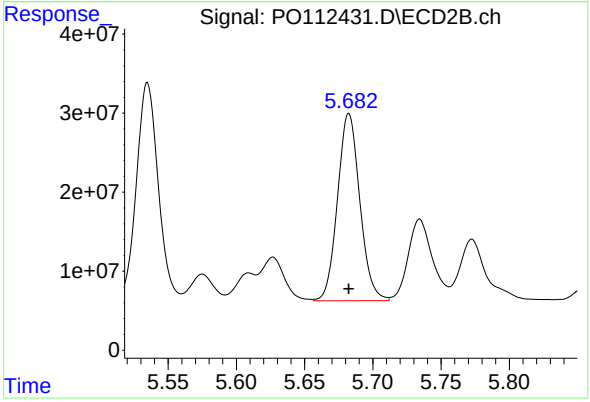
#26 AR-1254-1

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



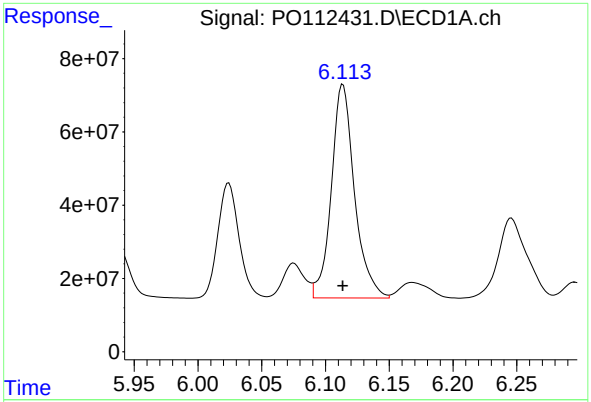
#27 AR-1254-2

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



#27 AR-1254-2

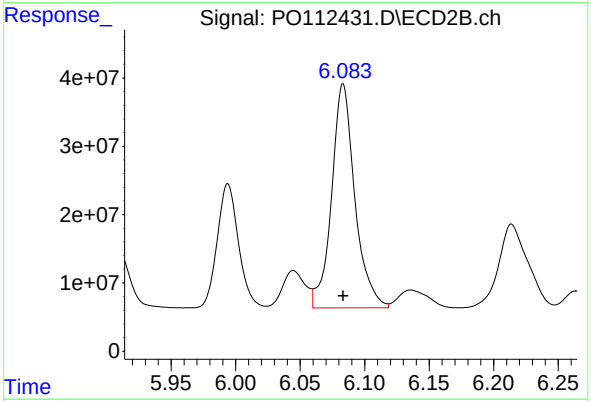
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 269579969
Conc: 954.13 ng/ml



#28 AR-1254-3

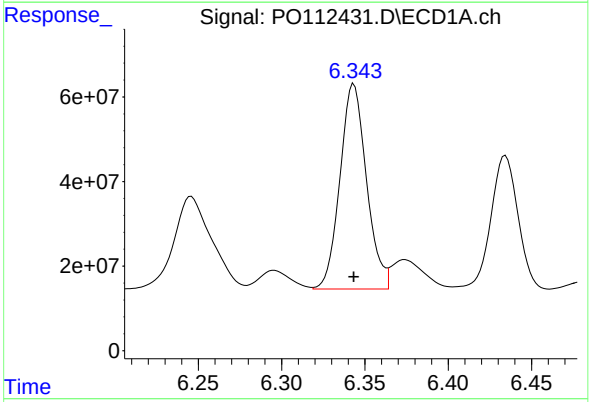
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 736681841
Conc: 972.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



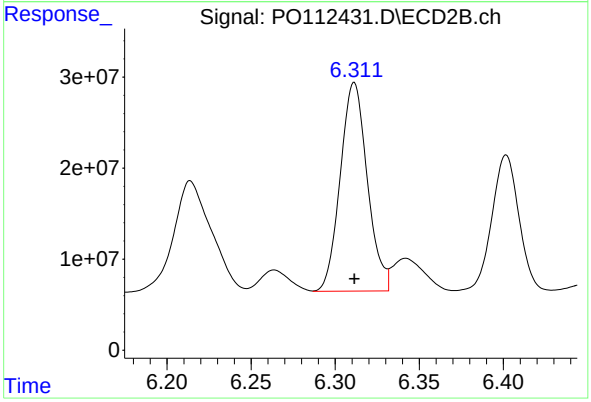
#28 AR-1254-3

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



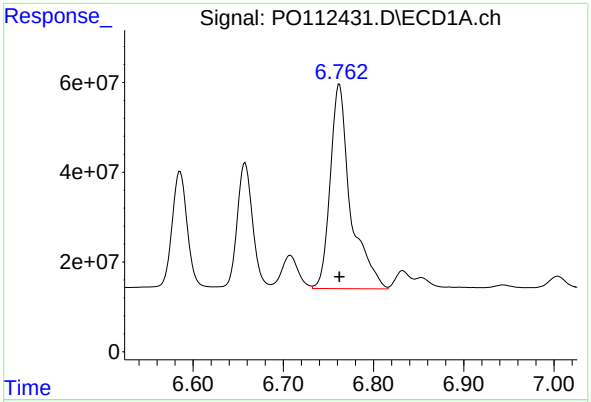
#29 AR-1254-4

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



#29 AR-1254-4

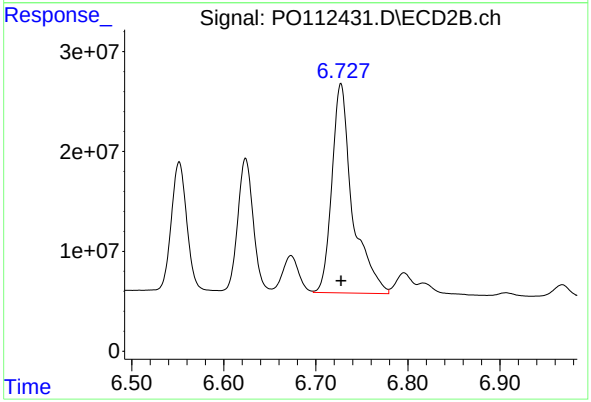
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 256982627
Conc: 958.80 ng/ml



#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.

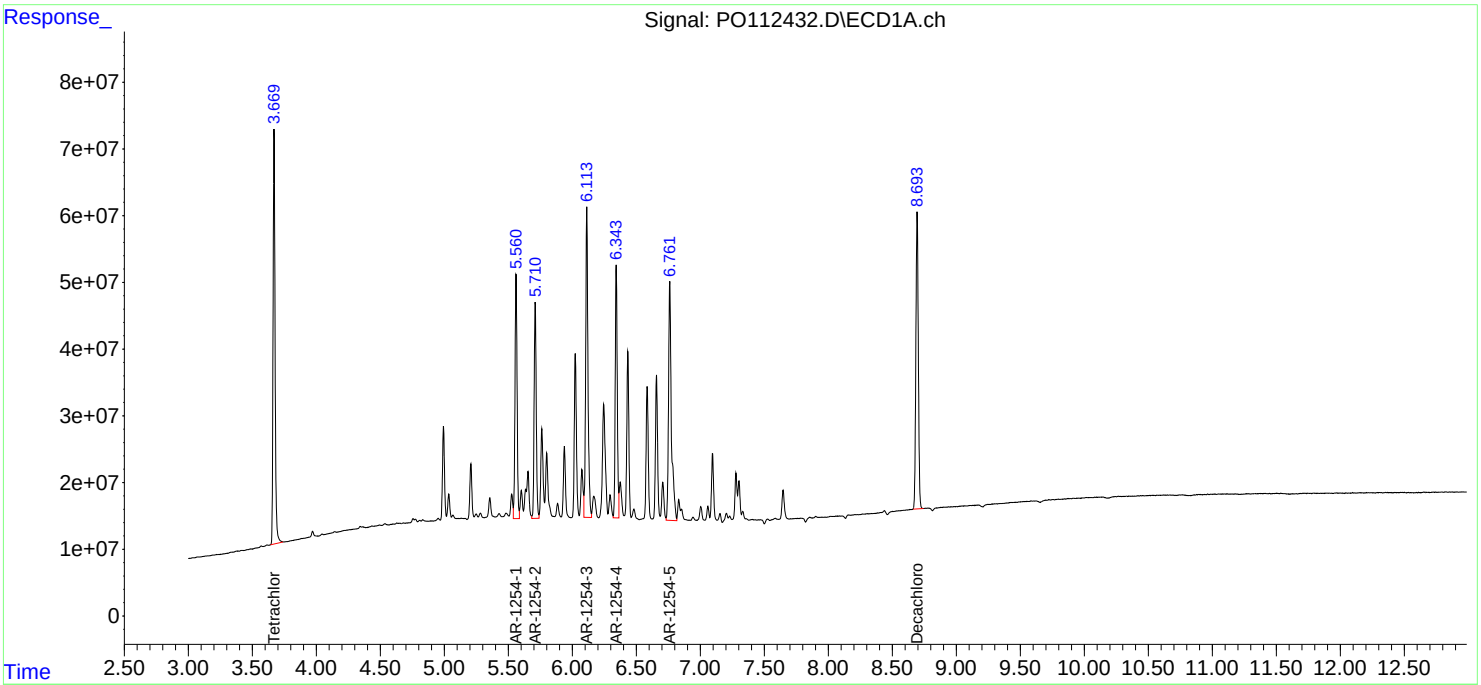
ICAL Form

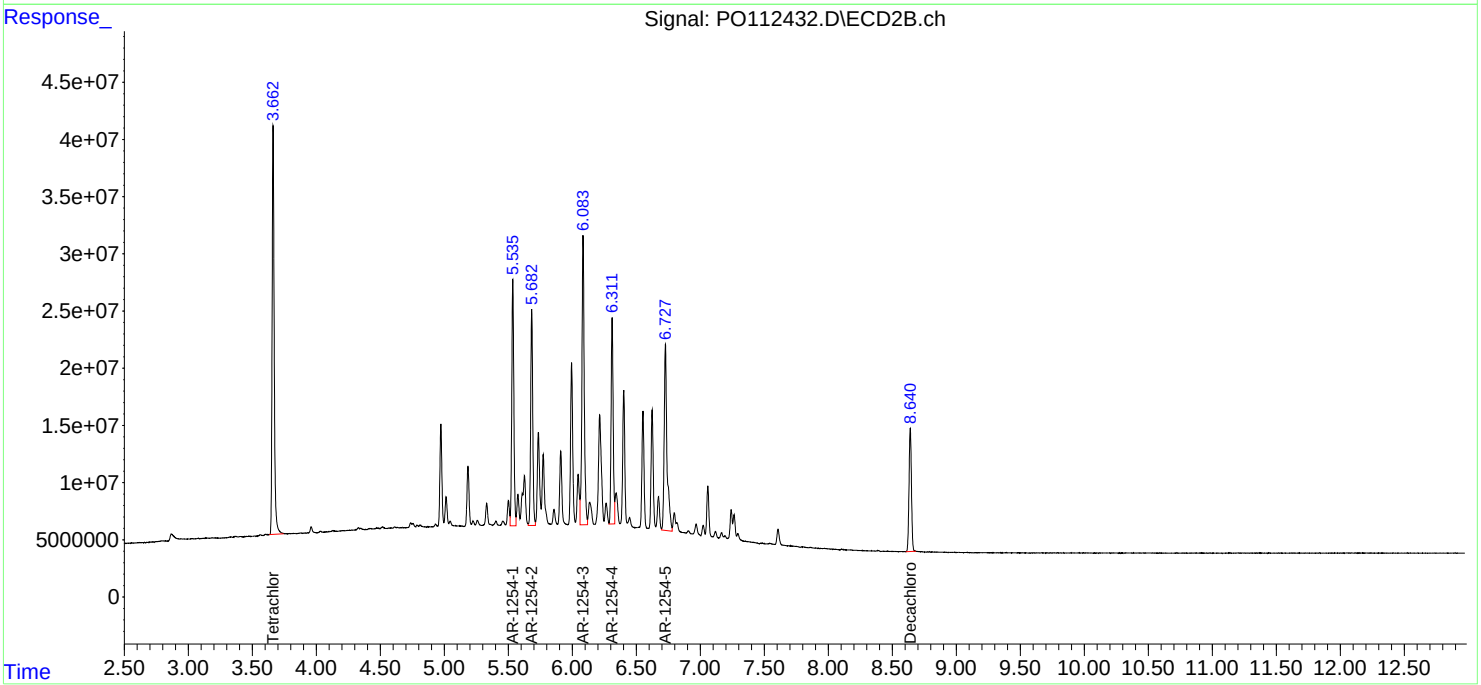
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:02
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

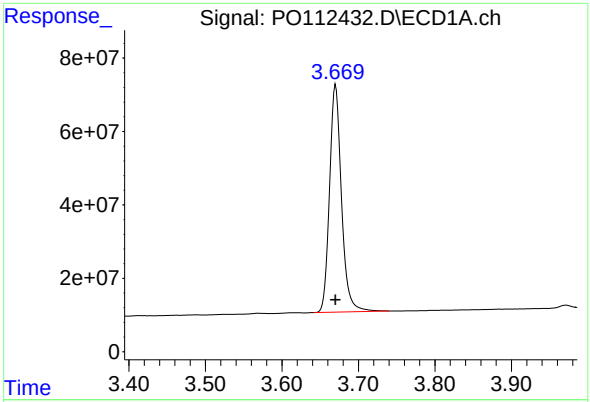
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

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



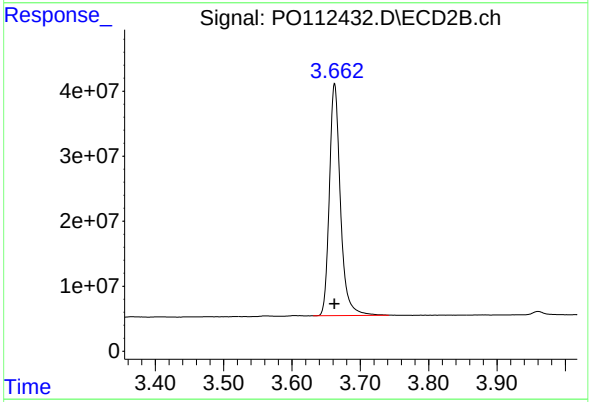




#1 Tetrachloro-m-xylene

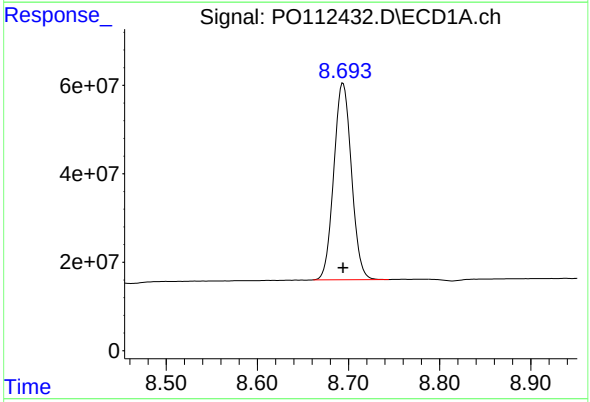
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 669659889
Conc: 76.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



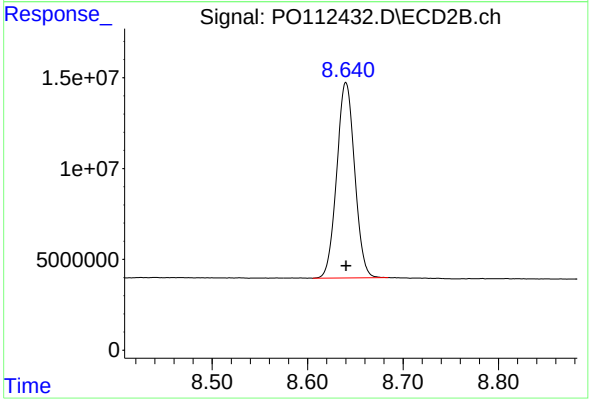
#1 Tetrachloro-m-xylene

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



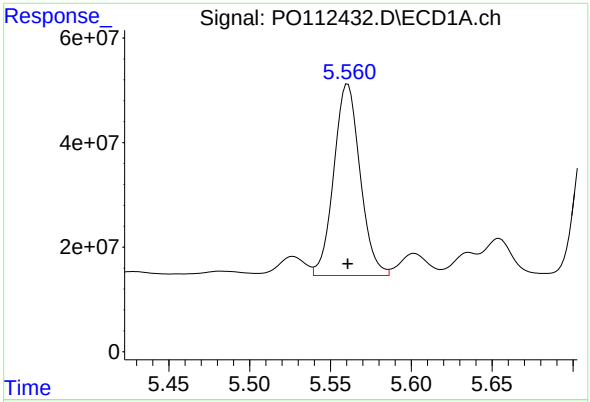
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

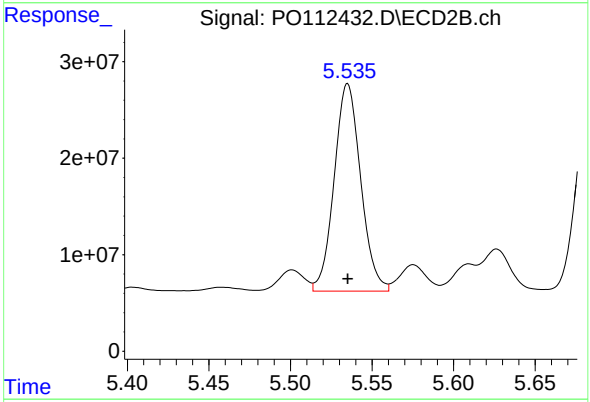
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 140411365
Conc: 75.53 ng/ml



#26 AR-1254-1

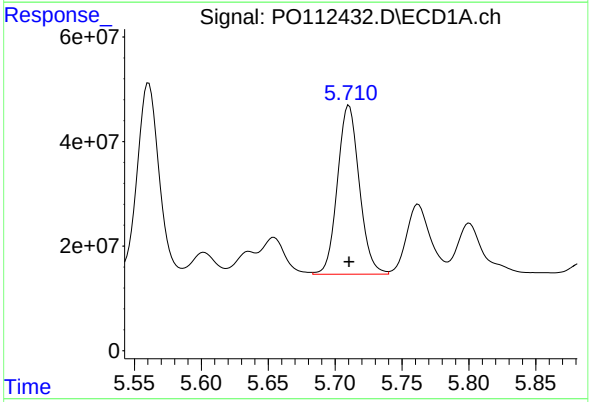
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 413902155
Conc: 754.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



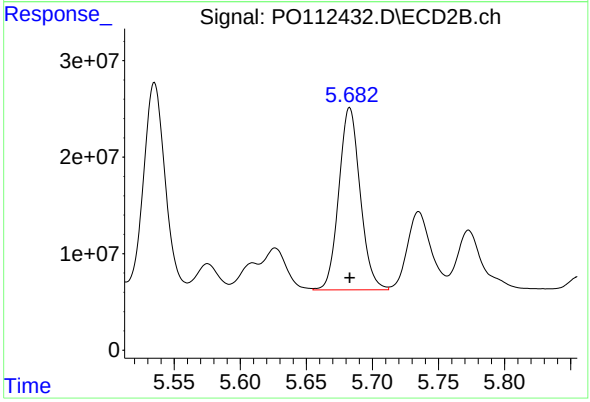
#26 AR-1254-1

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



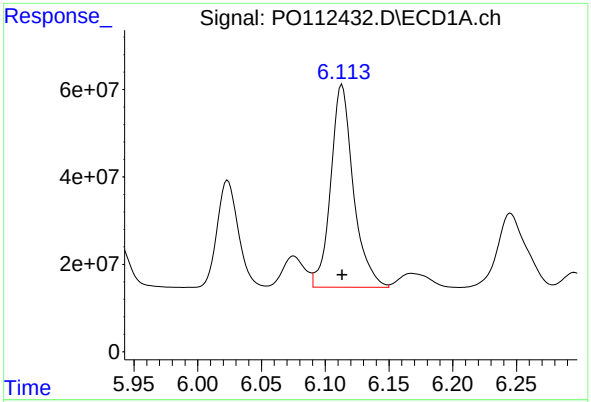
#27 AR-1254-2

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



#27 AR-1254-2

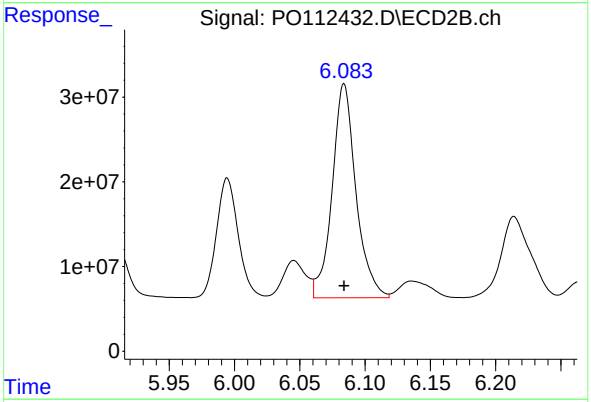
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 212567365
Conc: 751.56 ng/ml



#28 AR-1254-3

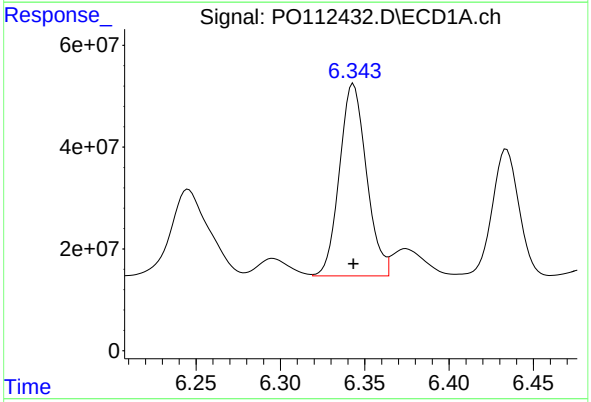
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 574026402
Conc: 755.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



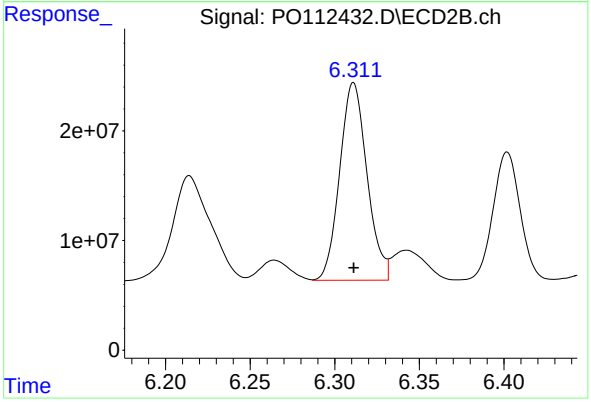
#28 AR-1254-3

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



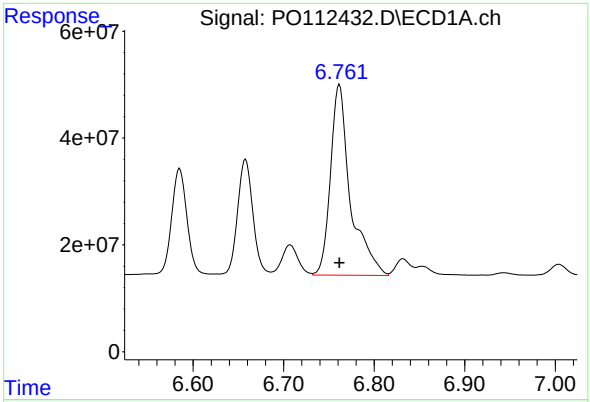
#29 AR-1254-4

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



#29 AR-1254-4

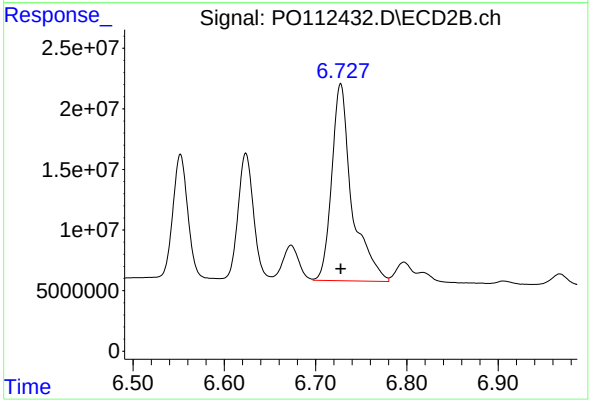
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 202358218
Conc: 753.32 ng/ml



#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

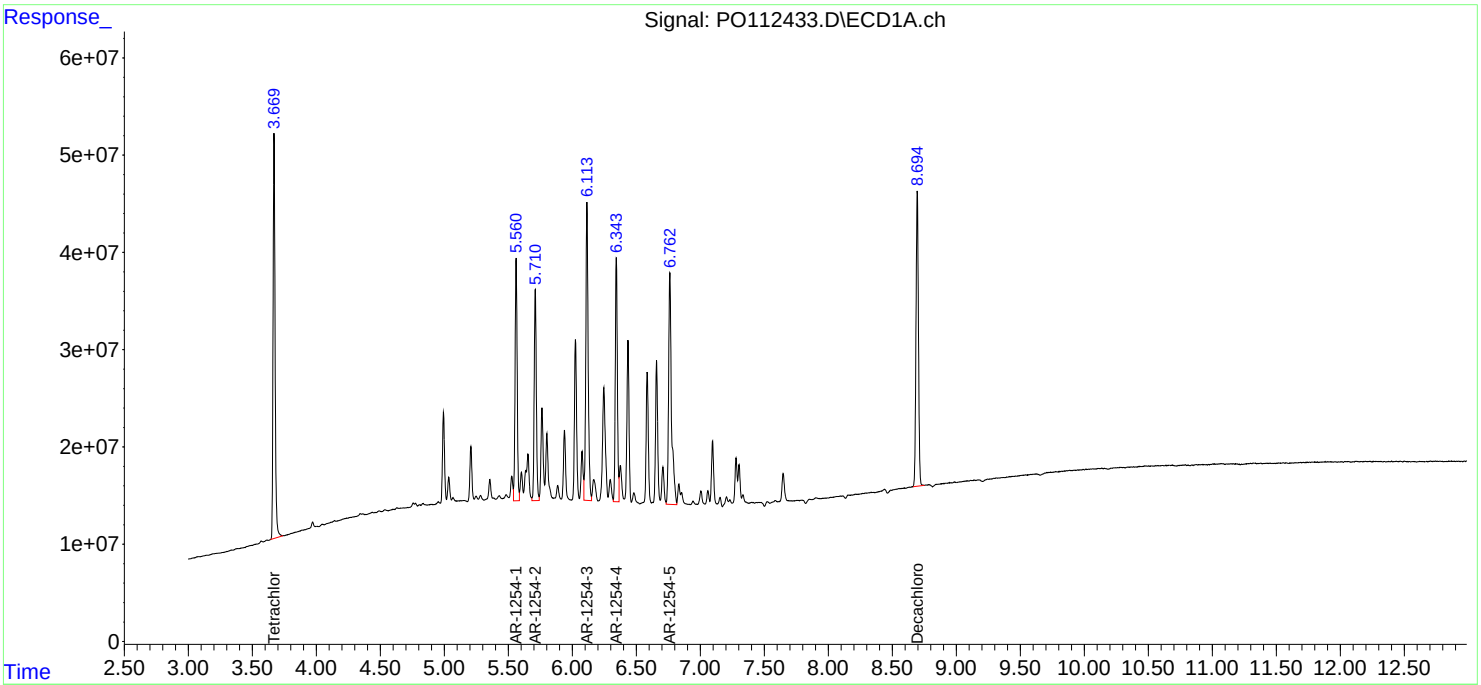
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

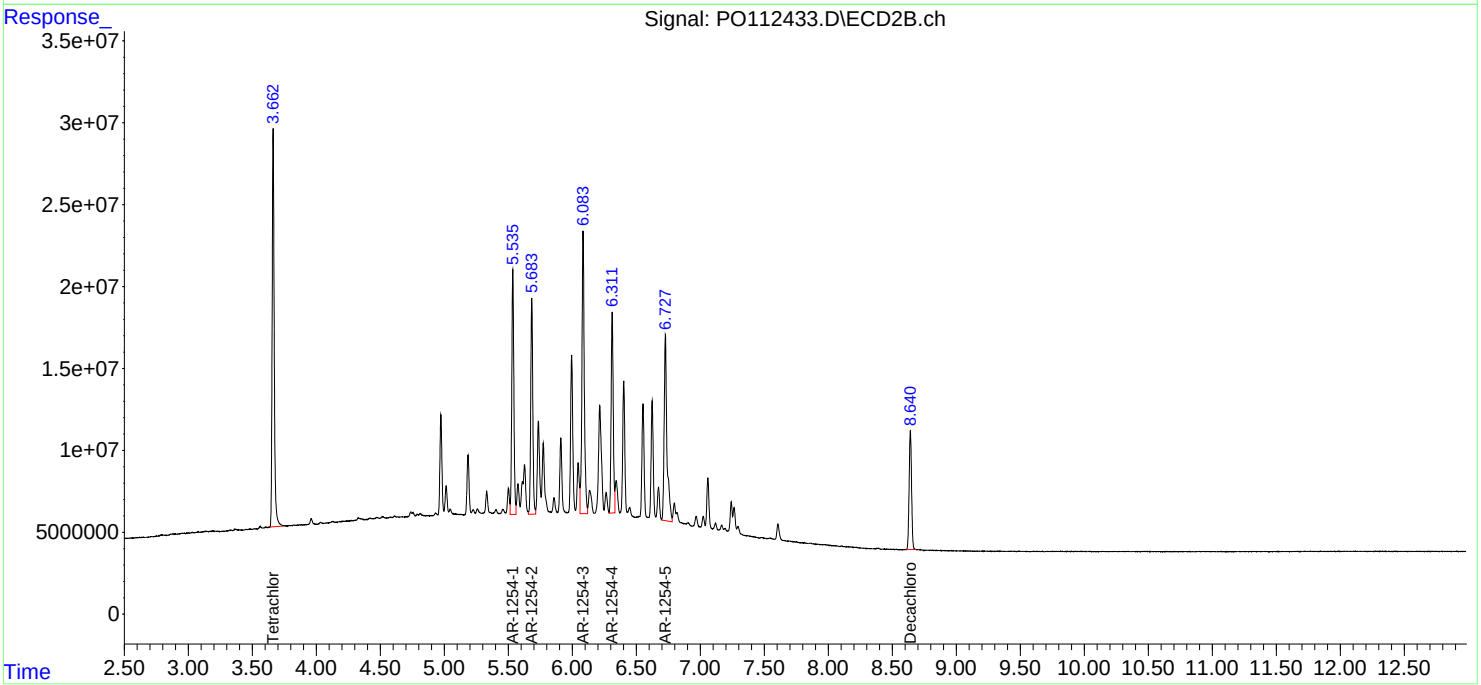
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:21
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

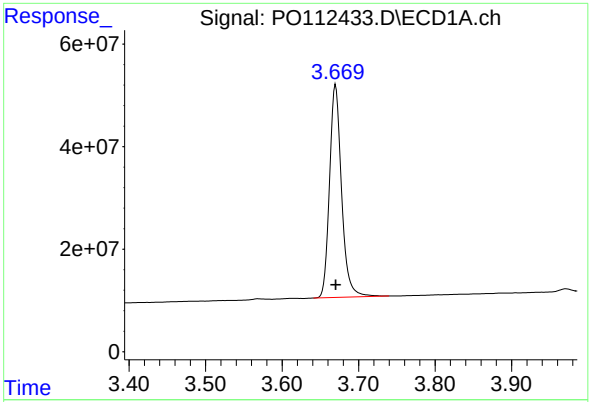
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

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



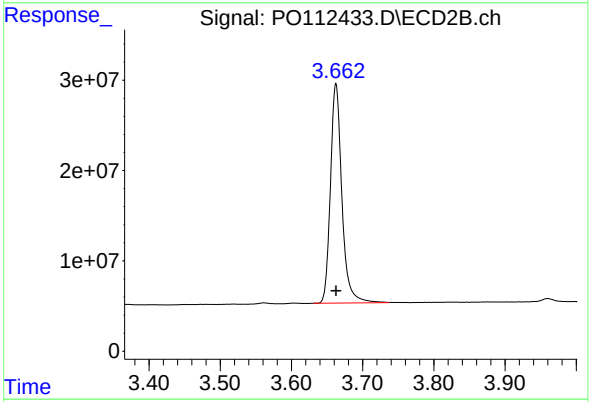




#1 Tetrachloro-m-xylene

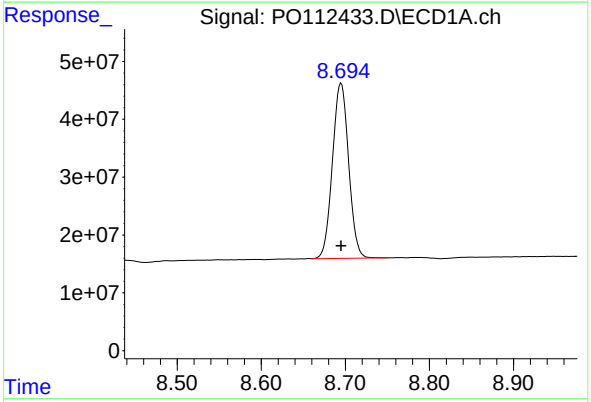
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 450992127
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



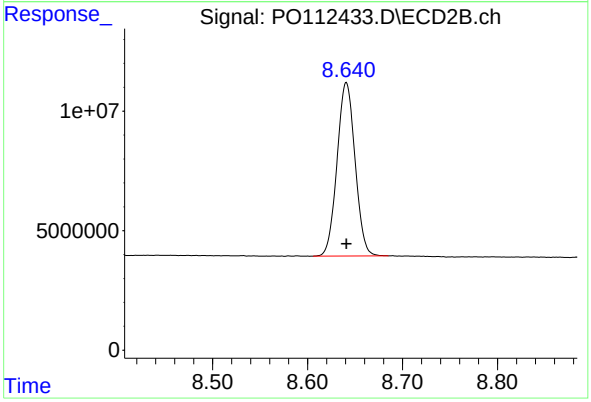
#1 Tetrachloro-m-xylene

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



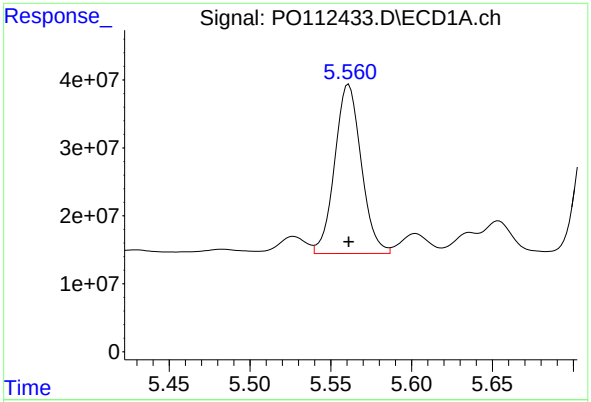
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

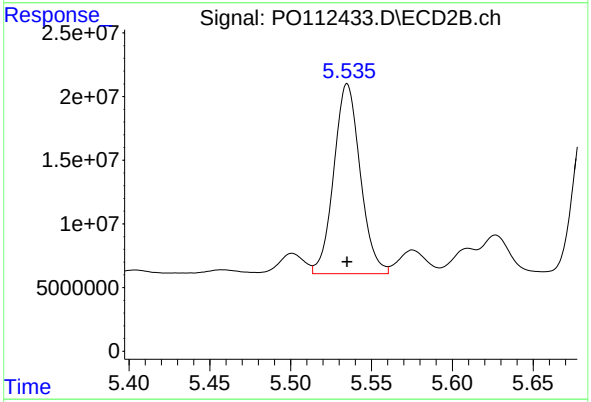
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 95544930
Conc: 50.00 ng/ml



#26 AR-1254-1

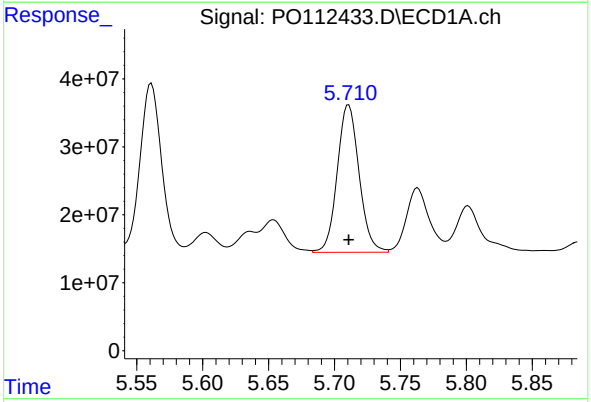
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 284024039
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



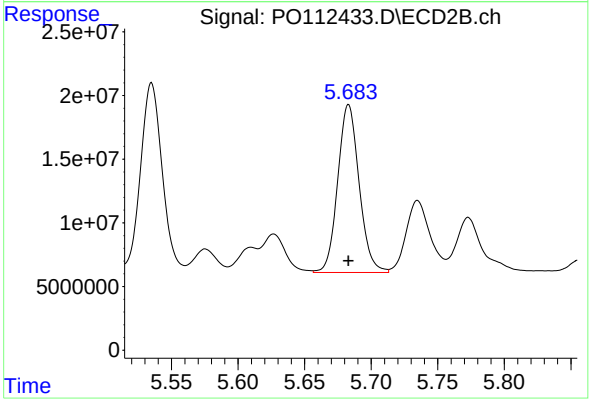
#26 AR-1254-1

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



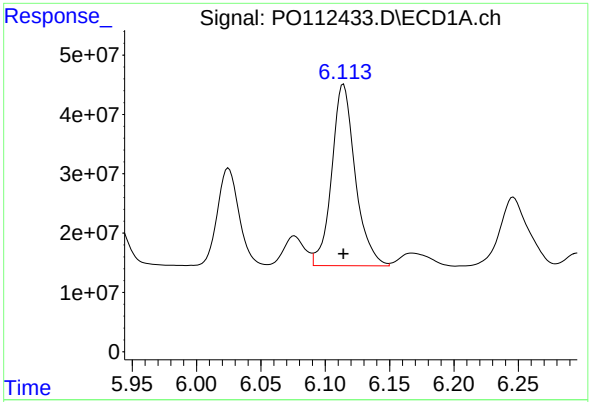
#27 AR-1254-2

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



#27 AR-1254-2

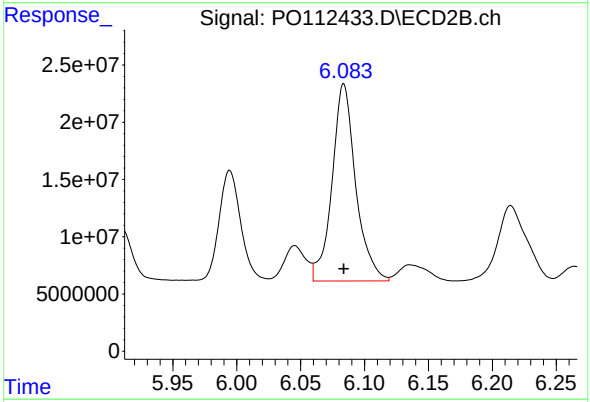
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 147749733
Conc: 500.00 ng/ml



#28 AR-1254-3

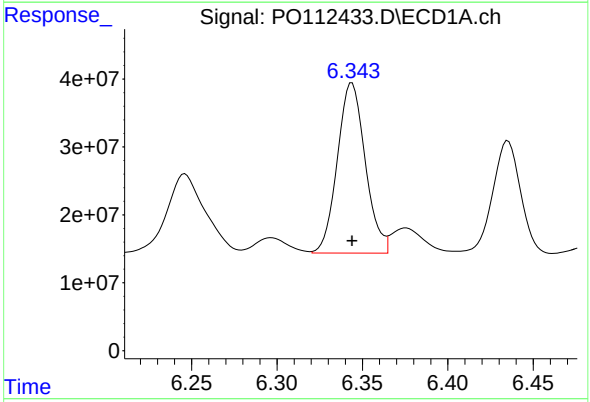
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 389058308
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



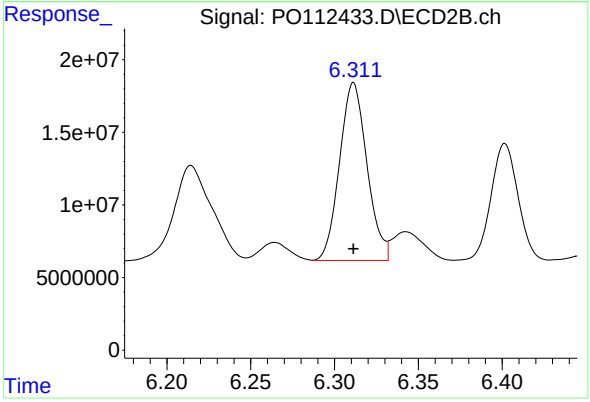
#28 AR-1254-3

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



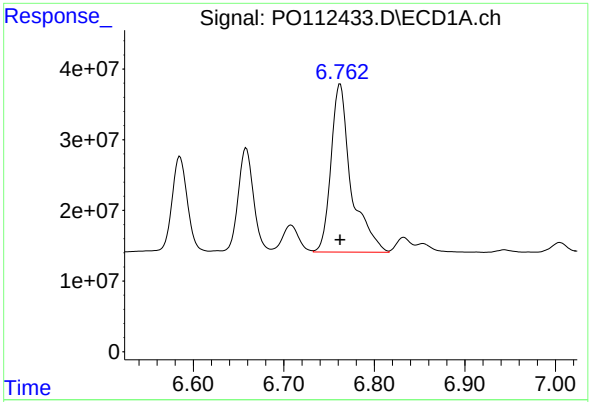
#29 AR-1254-4

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



#29 AR-1254-4

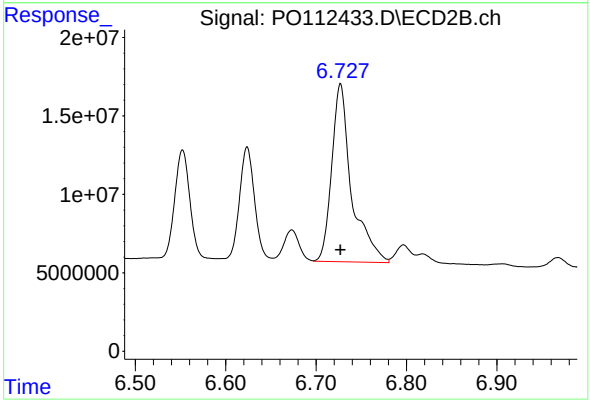
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 139534321
Conc: 500.00 ng/ml



#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.

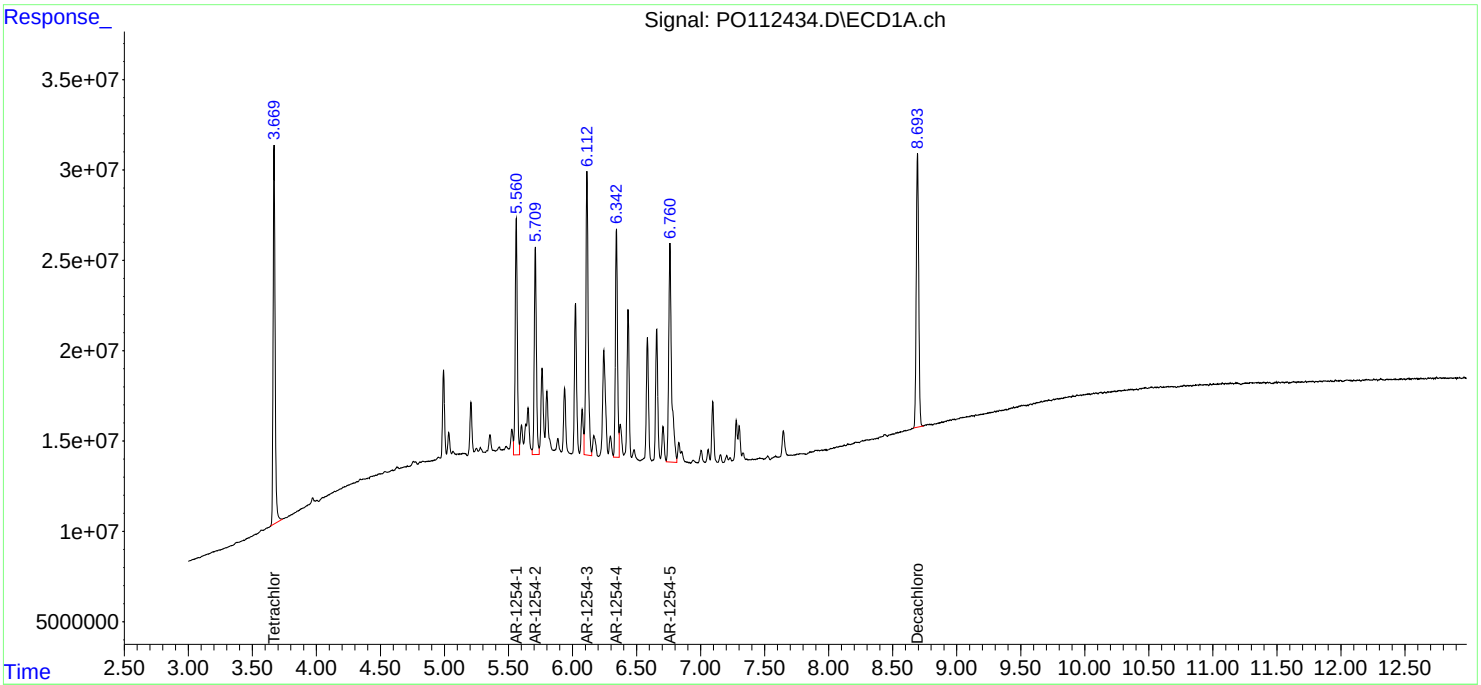
ICAL Form

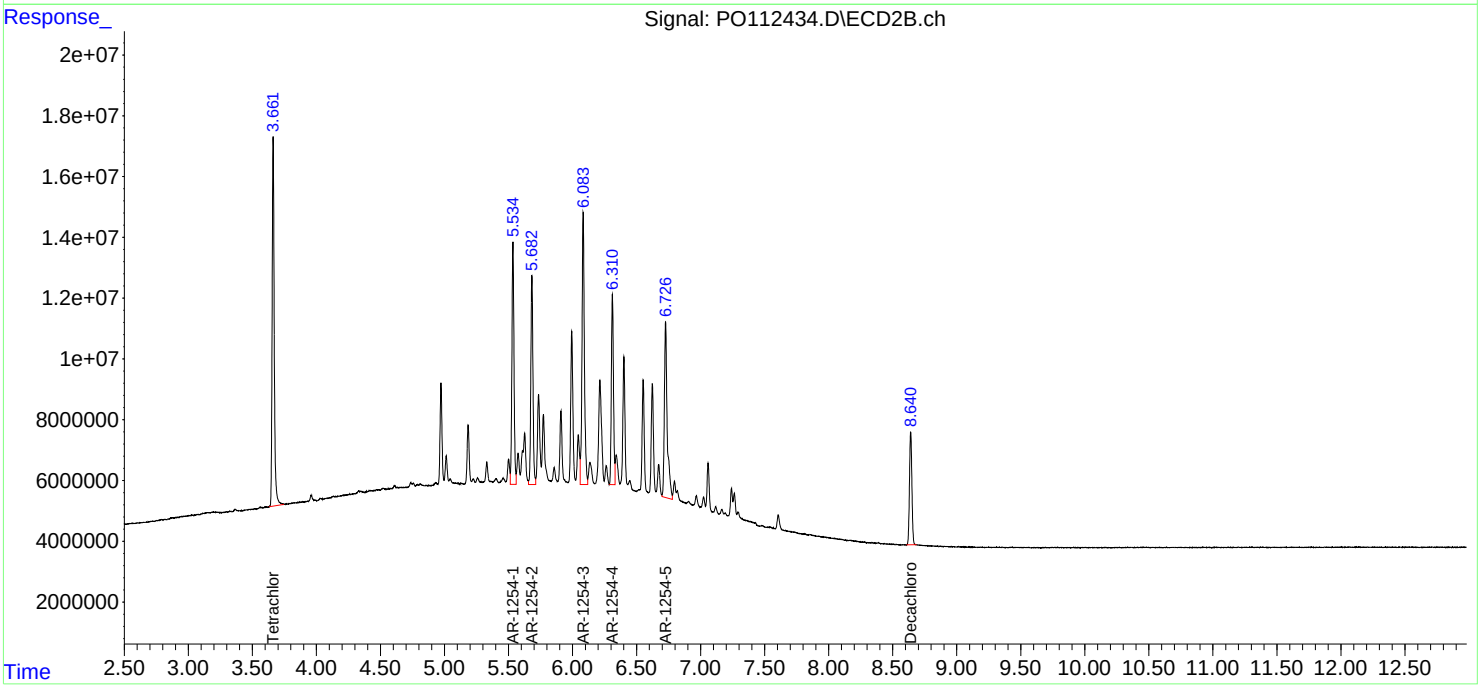
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:39
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

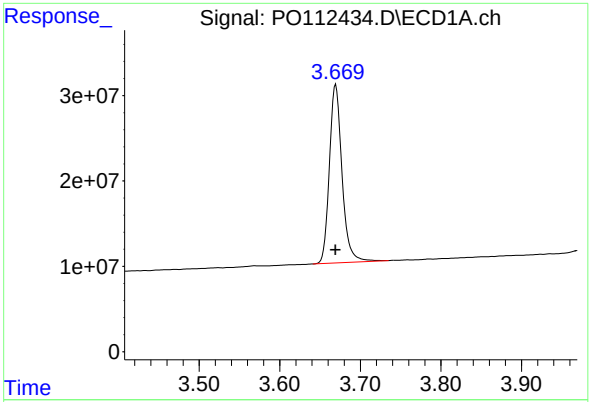
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

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



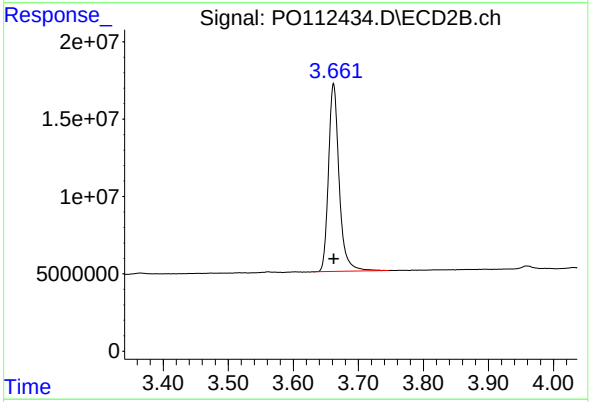




#1 Tetrachloro-m-xylene

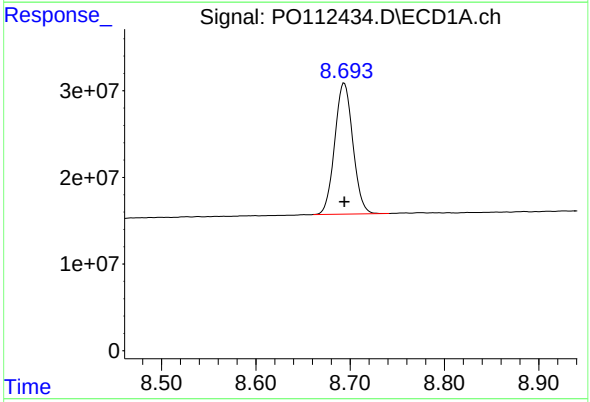
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 226937720
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



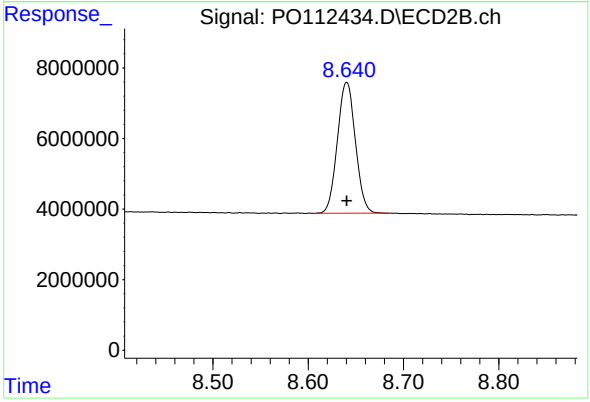
#1 Tetrachloro-m-xylene

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



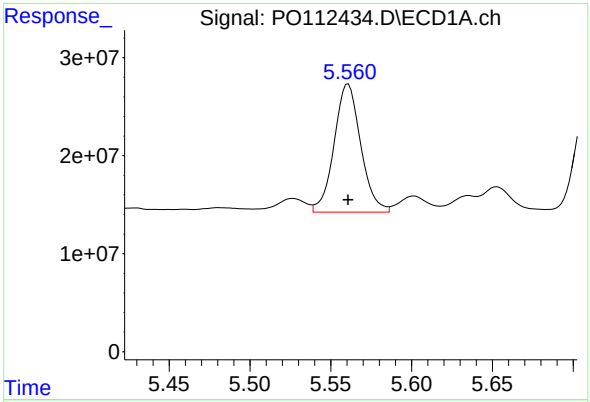
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

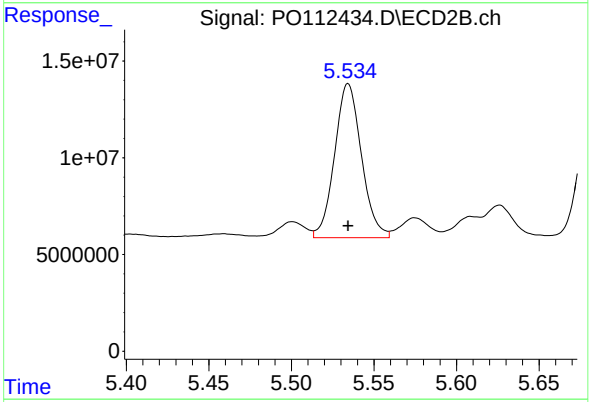
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 48700127
Conc: 25.89 ng/ml



#26 AR-1254-1

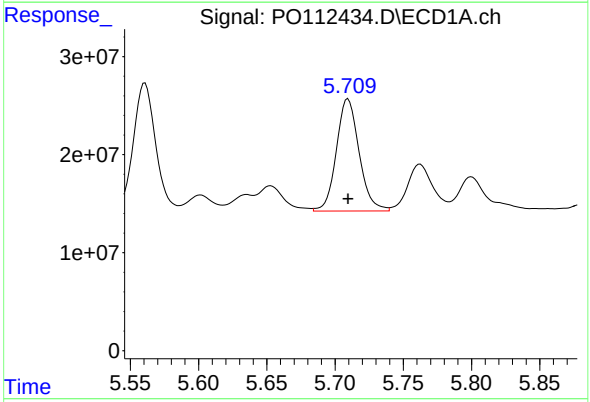
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 149790449
Conc: 266.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



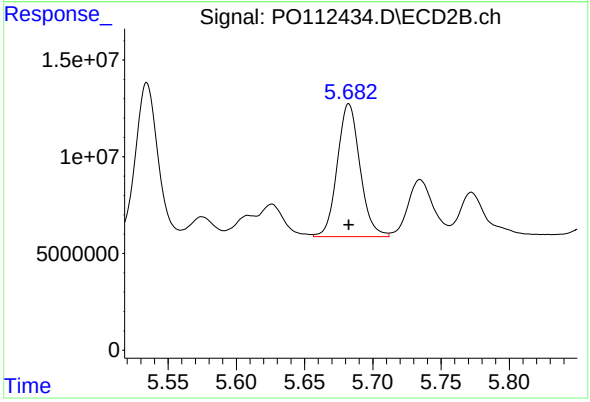
#26 AR-1254-1

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



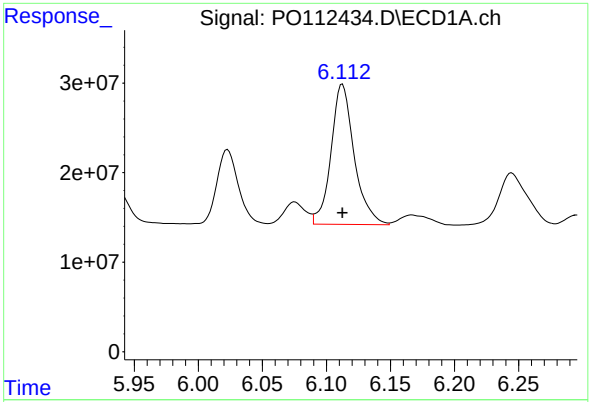
#27 AR-1254-2

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



#27 AR-1254-2

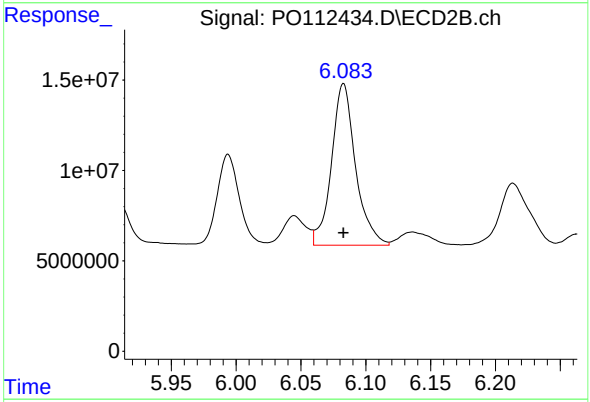
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 79565133
Conc: 272.77 ng/ml



#28 AR-1254-3

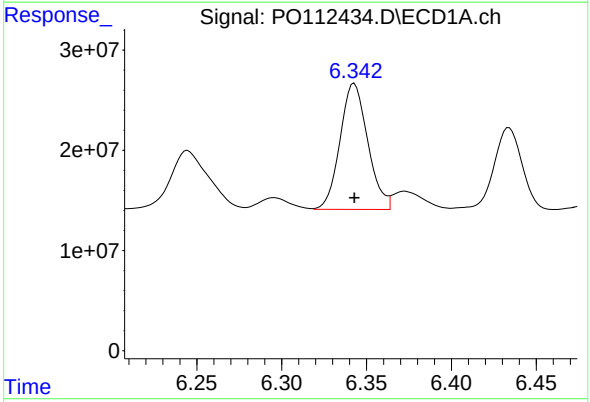
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 197002011
Conc: 256.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



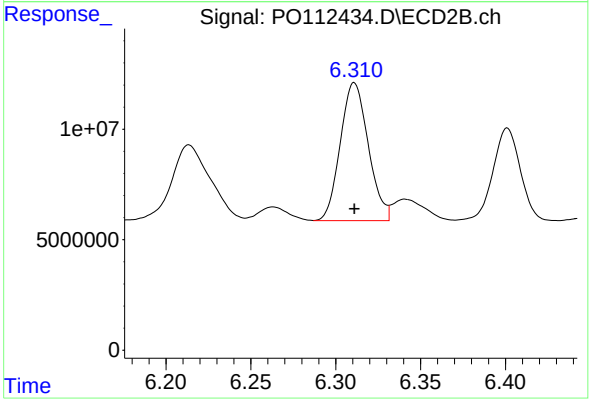
#28 AR-1254-3

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



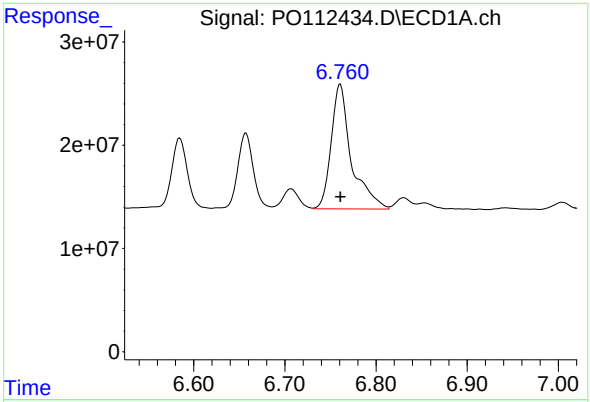
#29 AR-1254-4

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



#29 AR-1254-4

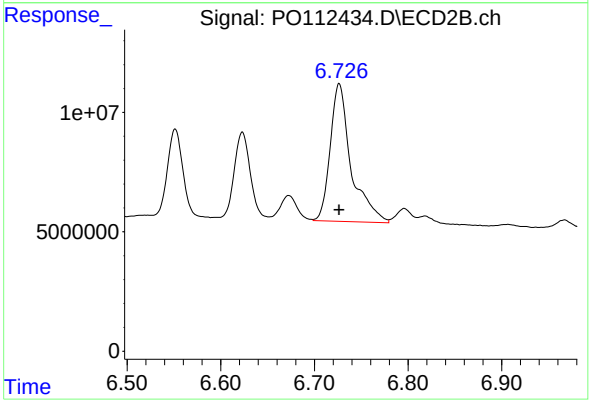
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 71723033
Conc: 262.54 ng/ml



#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.

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

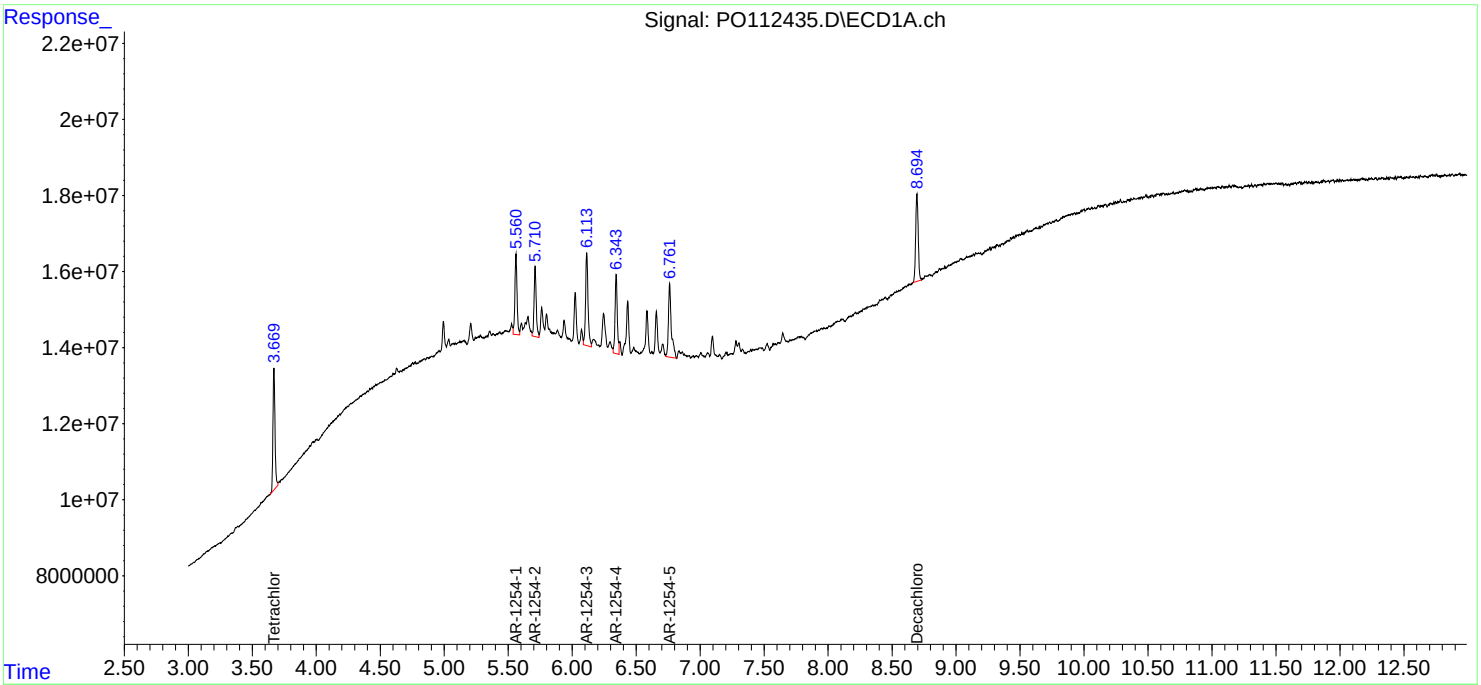
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

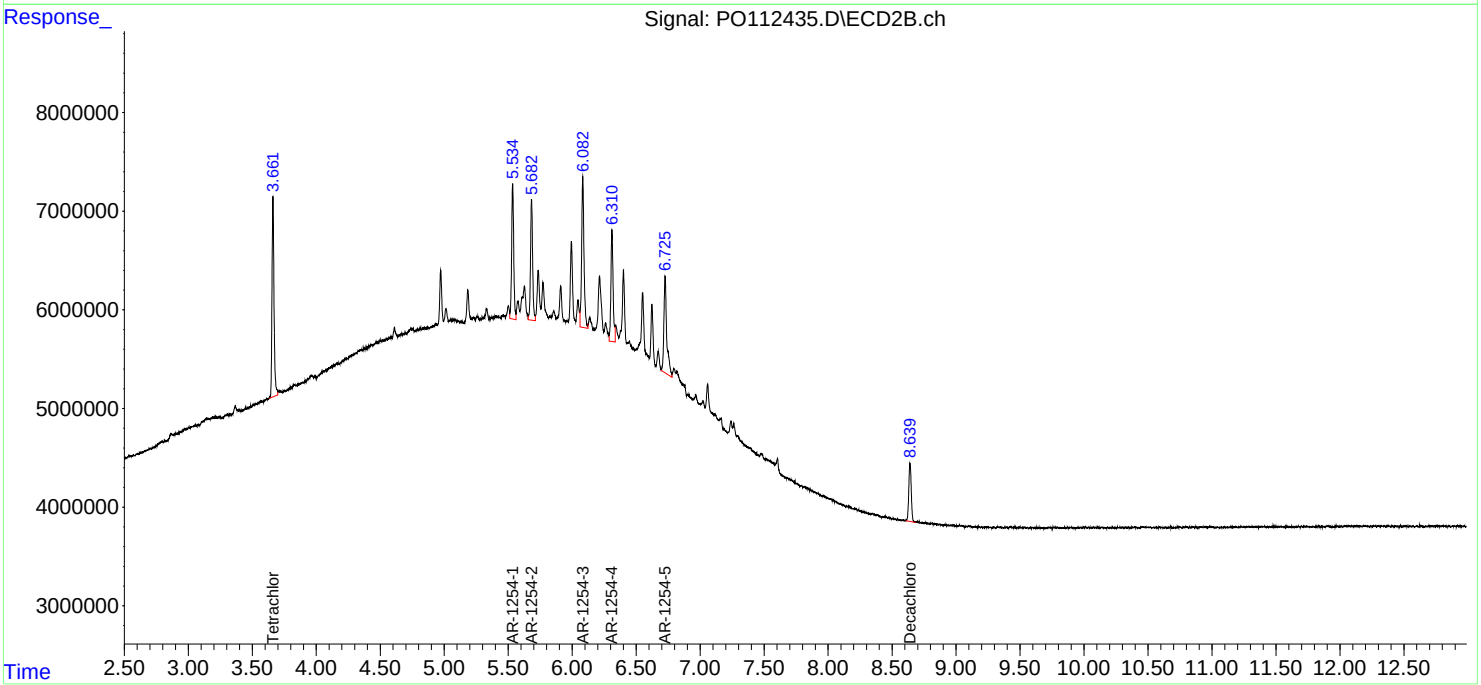
Manual Integrations APPROVED

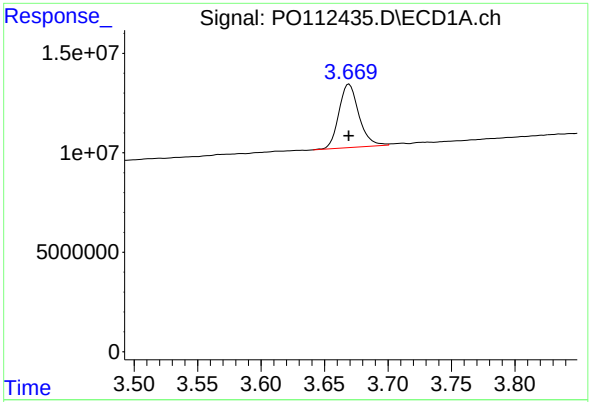
Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

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







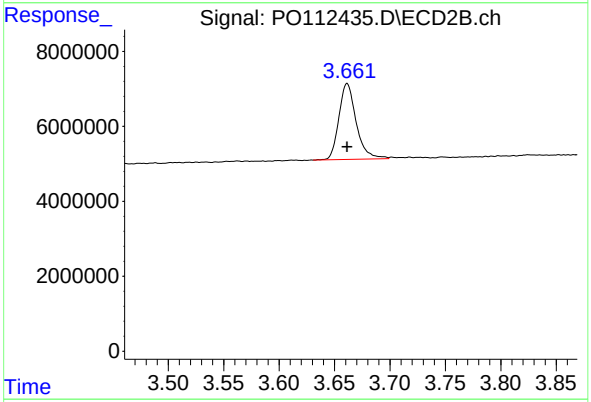
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

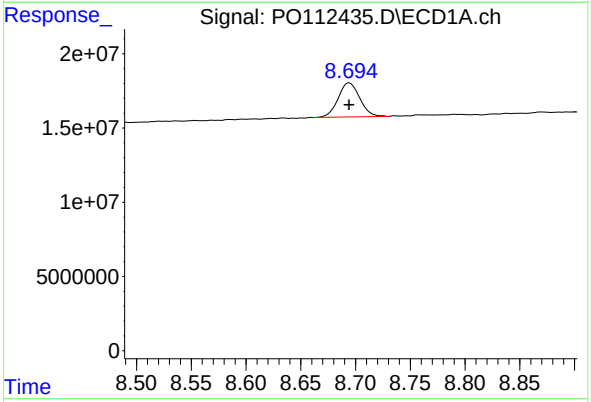
Manual Integrations APPROVED

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



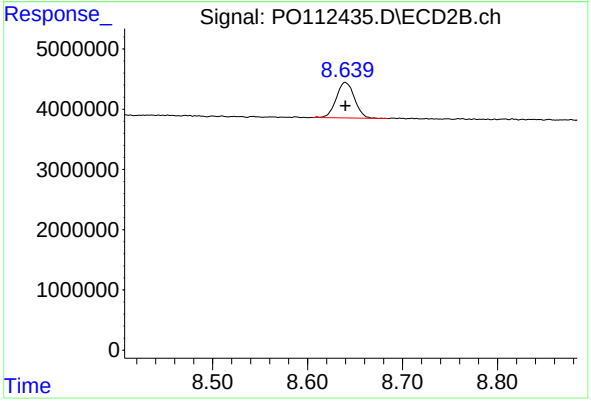
#1 Tetrachloro-m-xylene

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



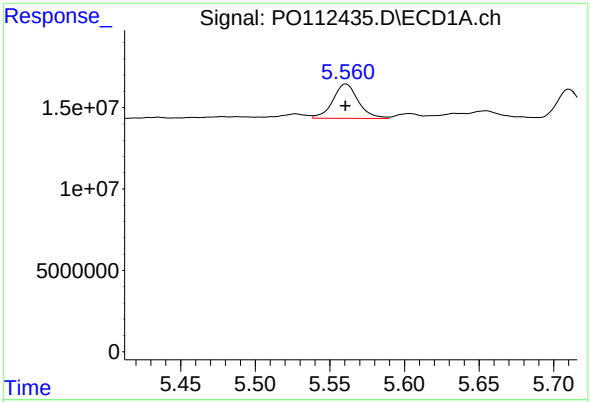
#2 Decachlorobiphenyl

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



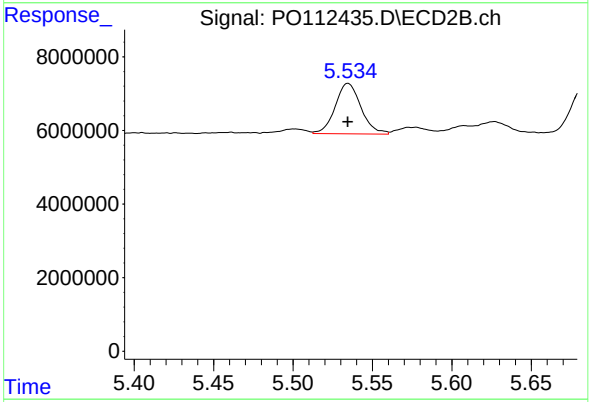
#26 AR-1254-1

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

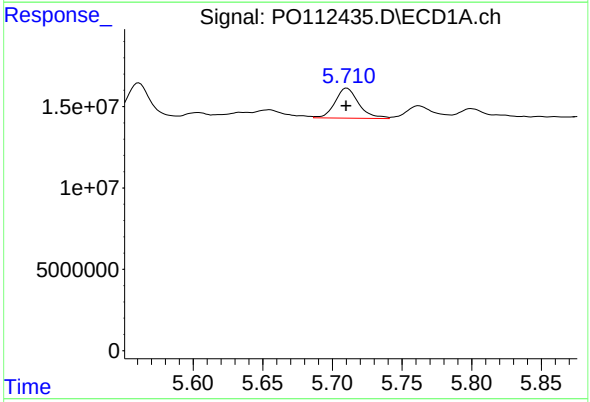
Manual Integrations APPROVED

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



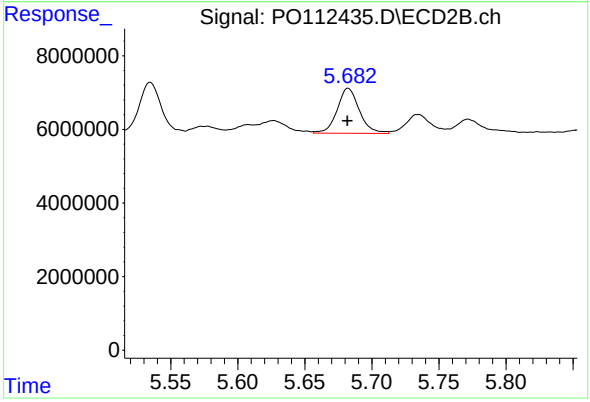
#26 AR-1254-1

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



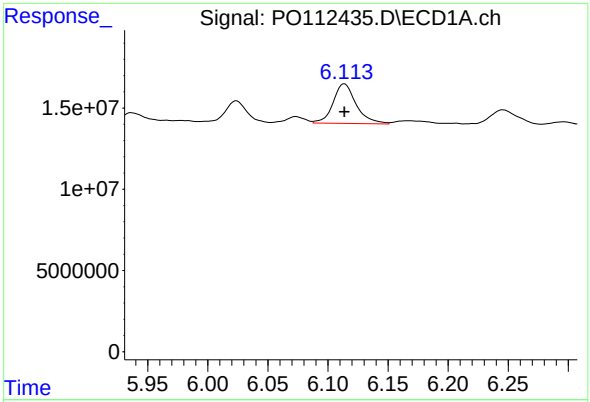
#27 AR-1254-2

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



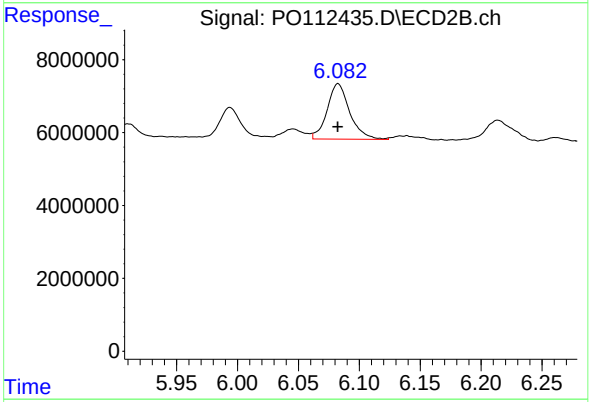
#28 AR-1254-3

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

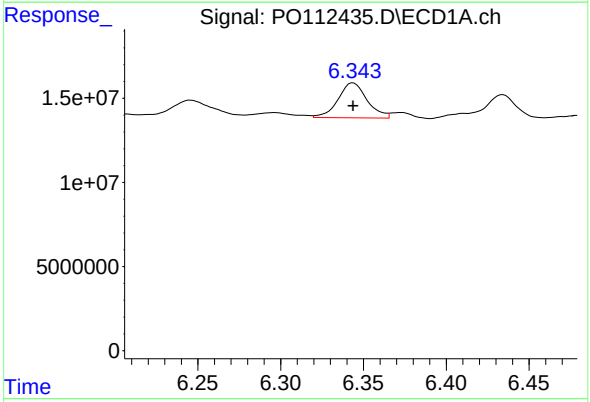
Manual Integrations APPROVED

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



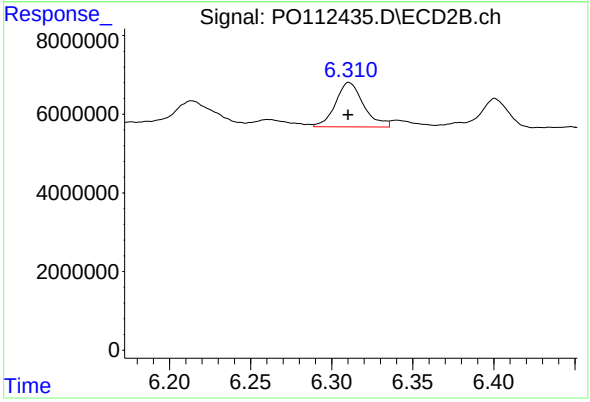
#28 AR-1254-3

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



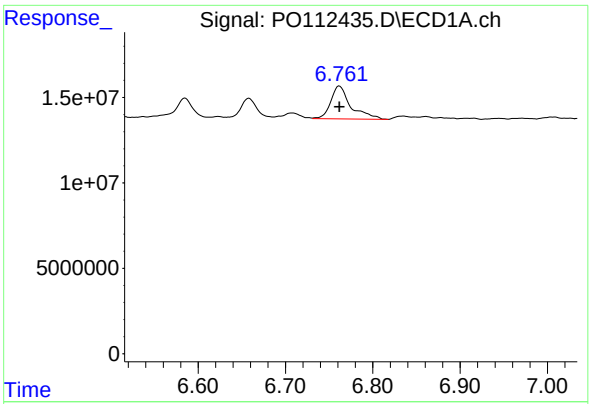
#29 AR-1254-4

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



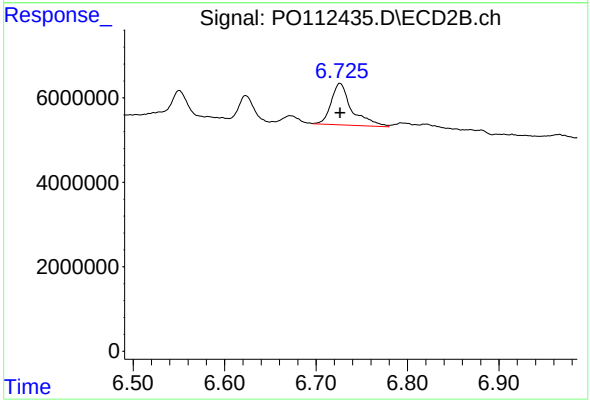
#30 AR-1254-5

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.

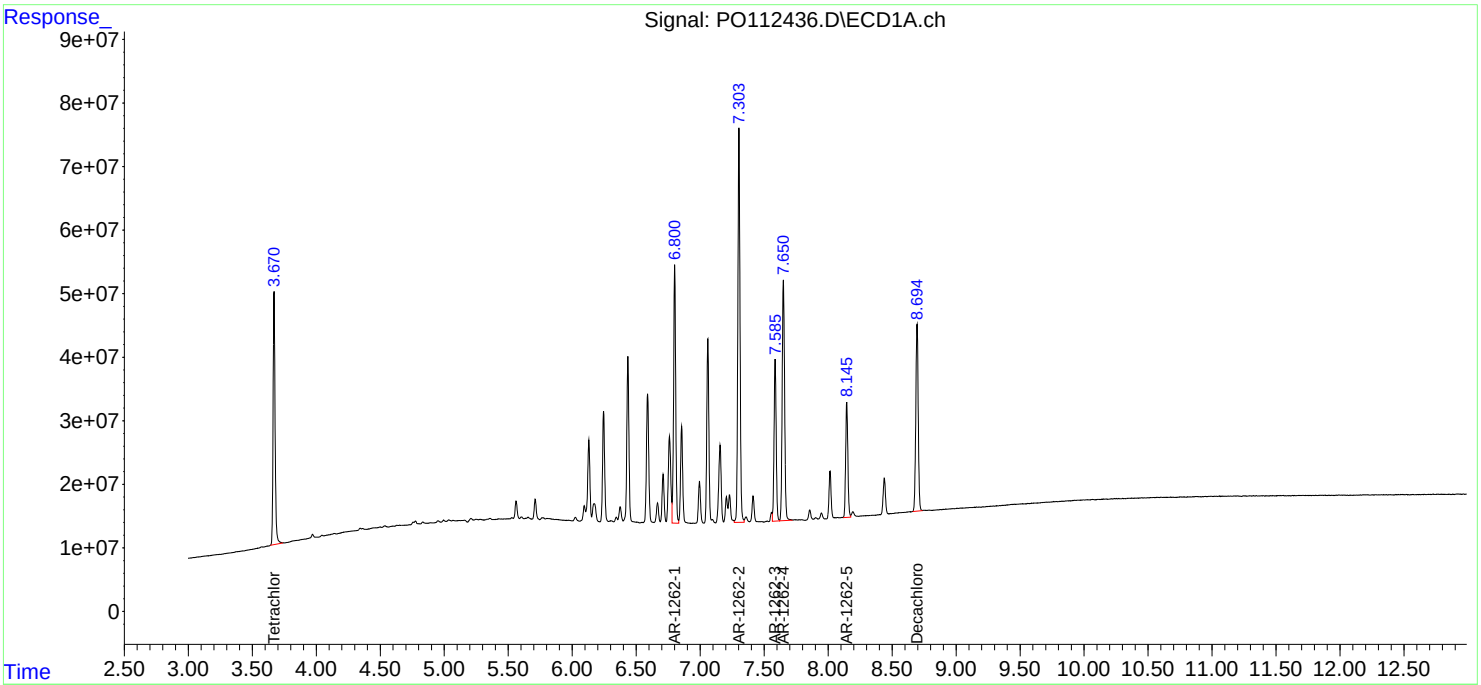
ICAL Form

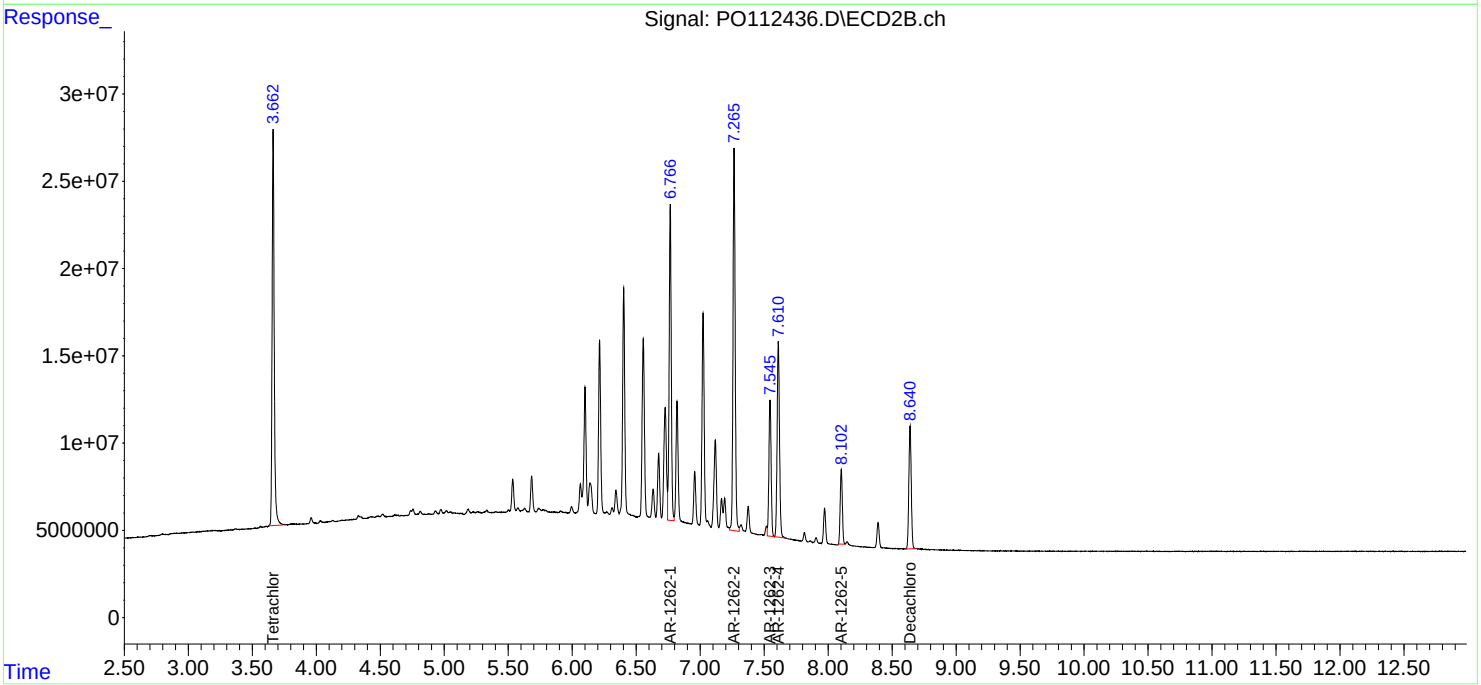
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:16
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

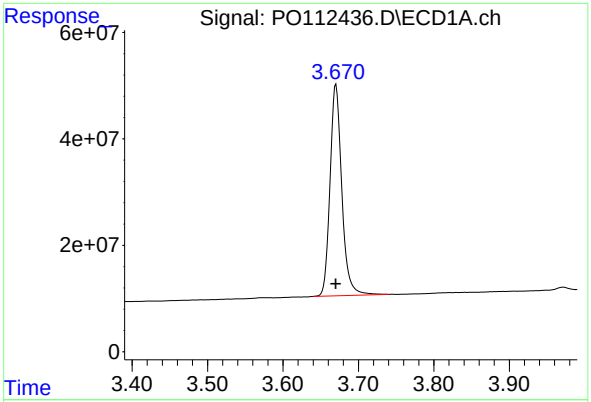
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

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



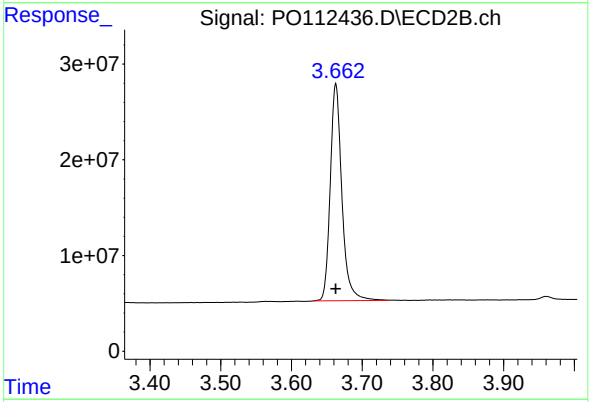




#1 Tetrachloro-m-xylene

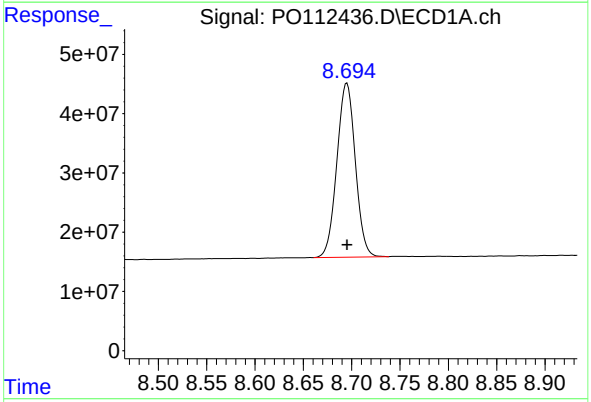
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 431047231
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



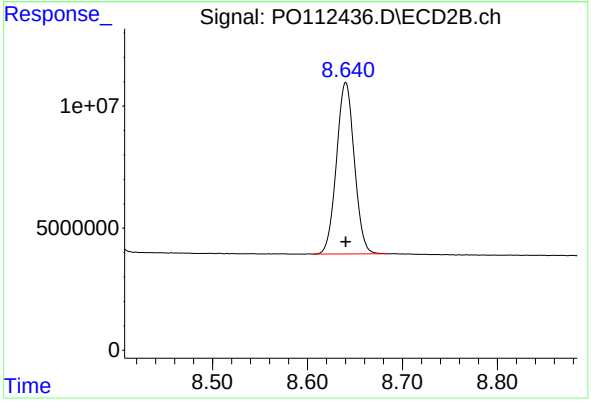
#1 Tetrachloro-m-xylene

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



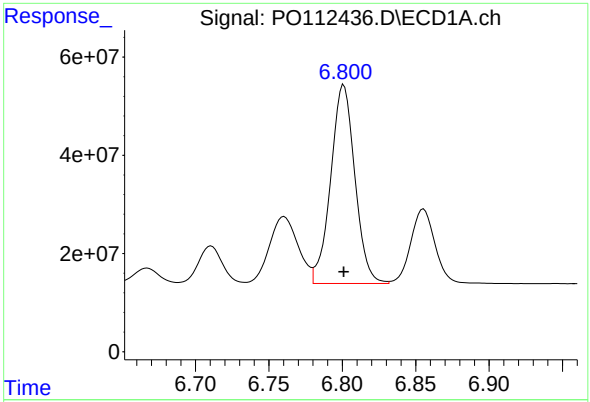
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

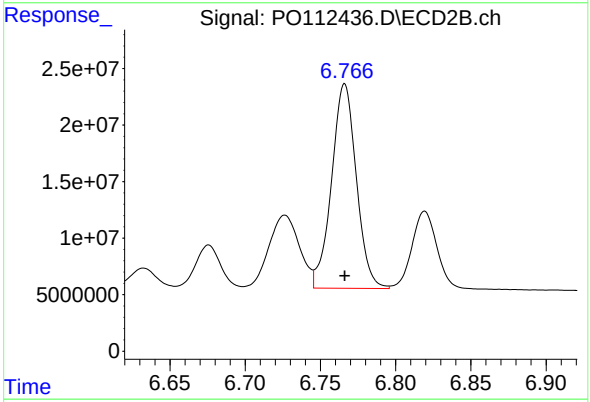
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 91817563
Conc: 50.00 ng/ml



#36 AR-1262-1

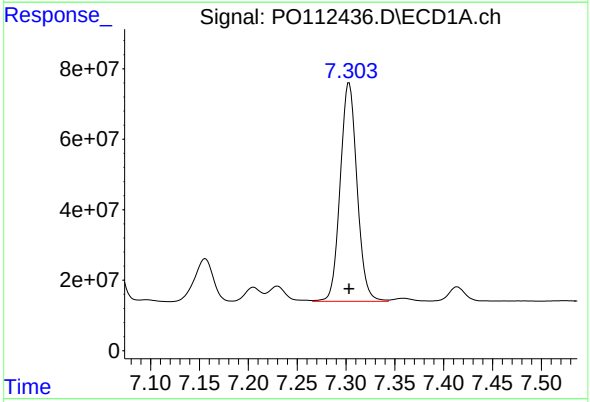
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 464603934
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



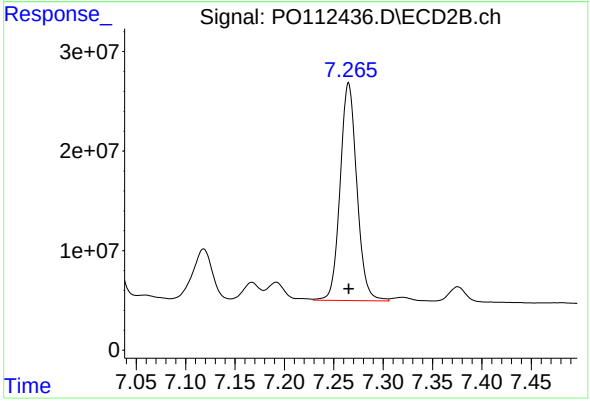
#36 AR-1262-1

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



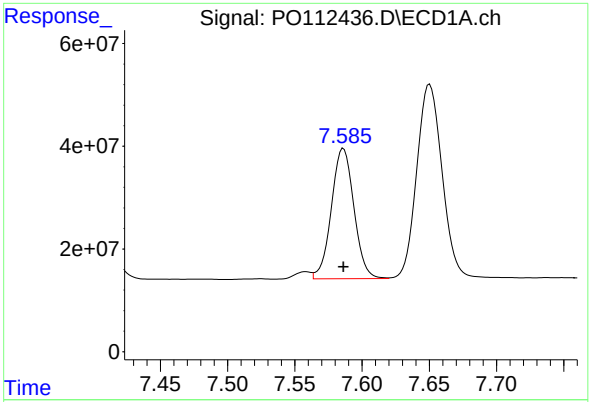
#37 AR-1262-2

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



#37 AR-1262-2

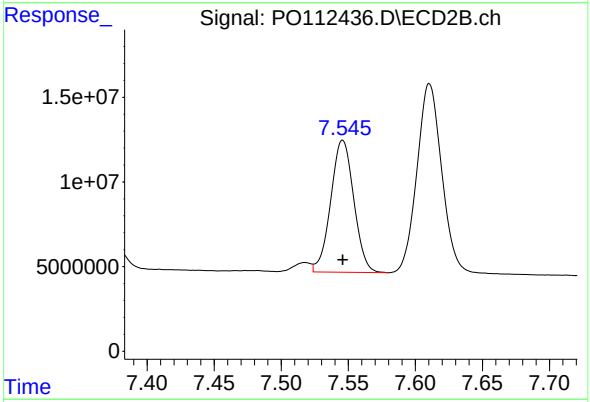
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 257772904
Conc: 500.00 ng/ml



#38 AR-1262-3

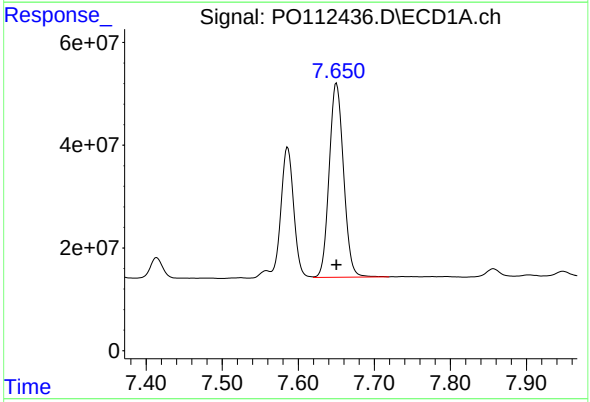
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 295126335
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



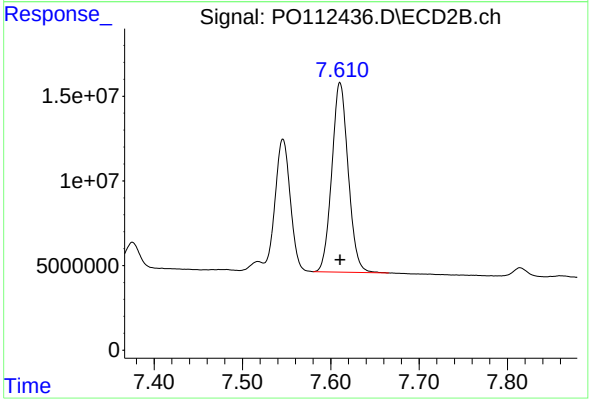
#38 AR-1262-3

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



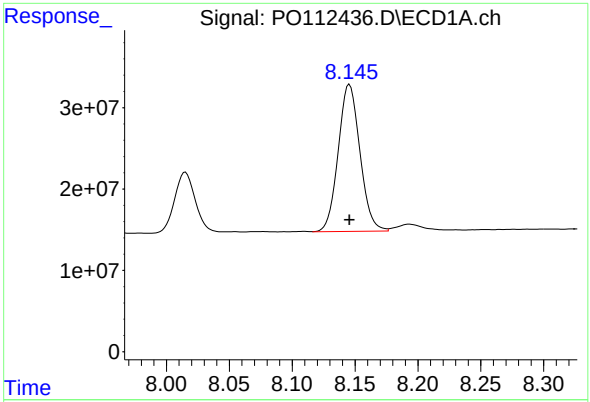
#39 AR-1262-4

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



#39 AR-1262-4

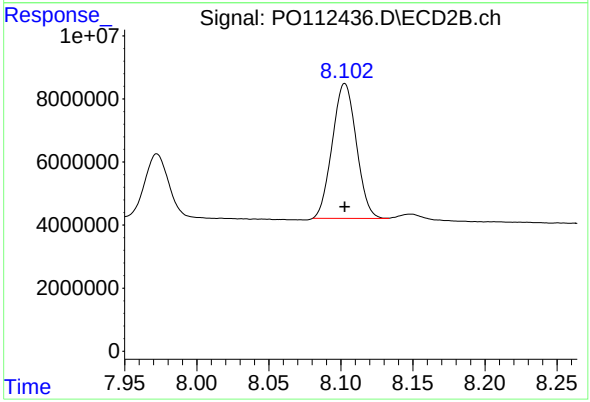
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 144051747
Conc: 500.00 ng/ml



#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

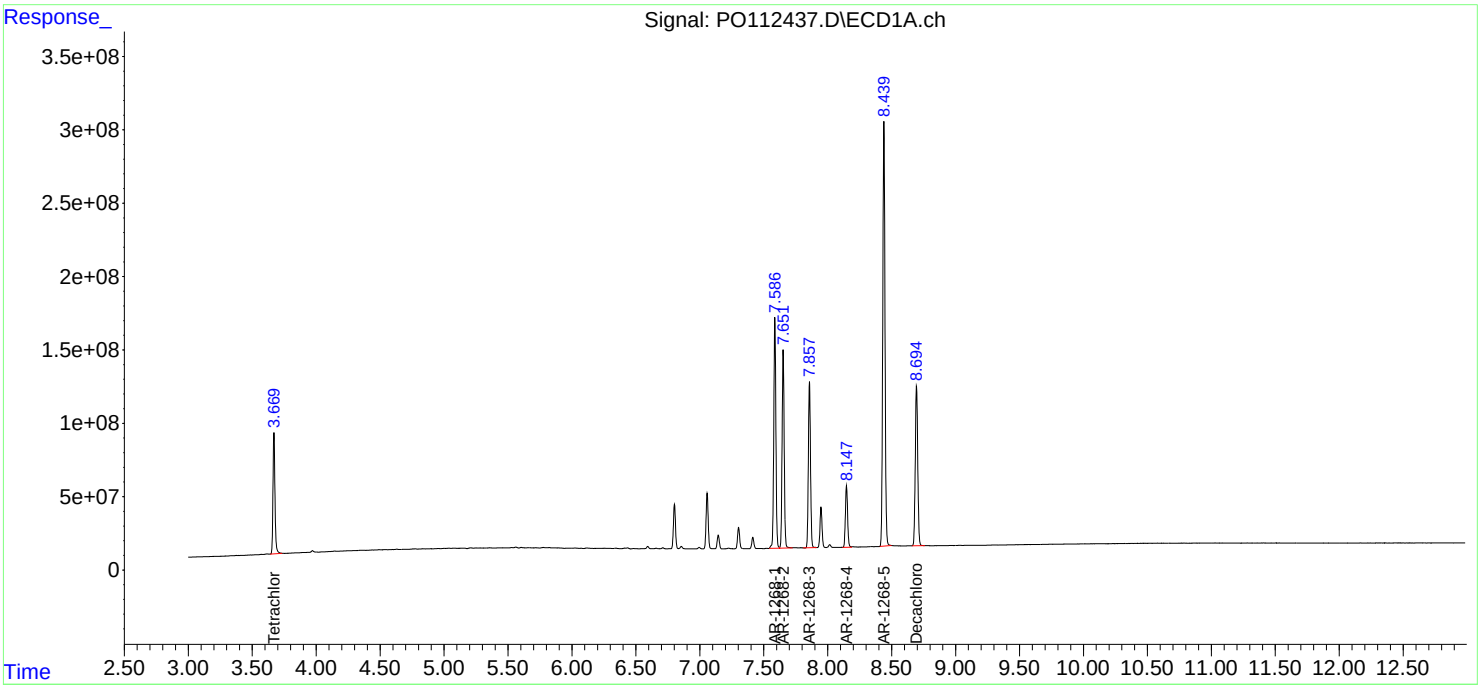
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

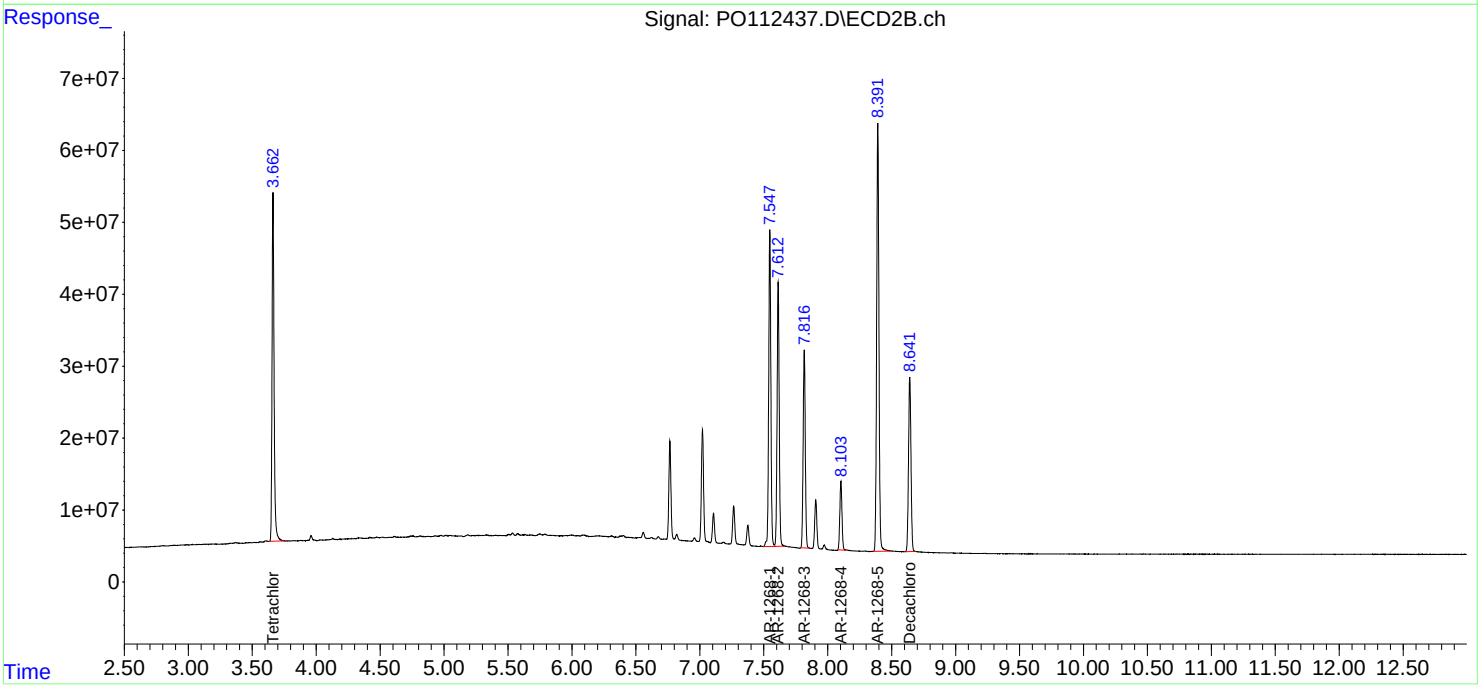
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:34
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

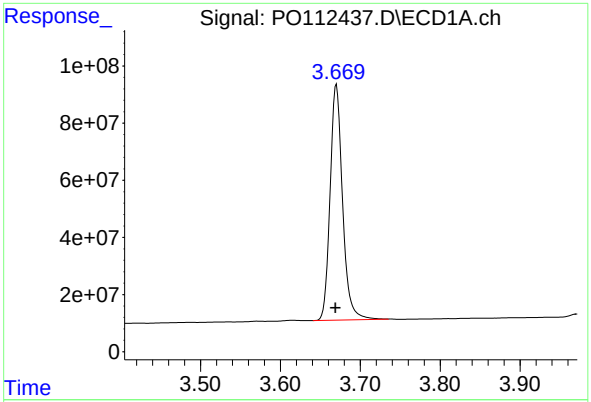
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

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



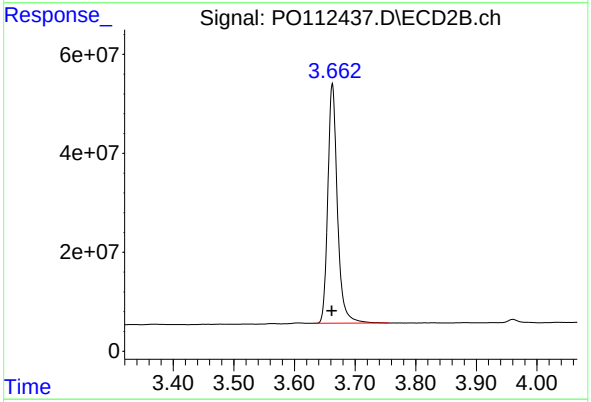




#1 Tetrachloro-m-xylene

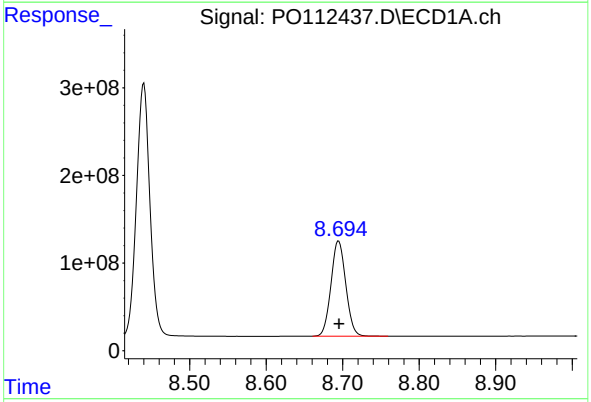
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 891646114
Conc: 96.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



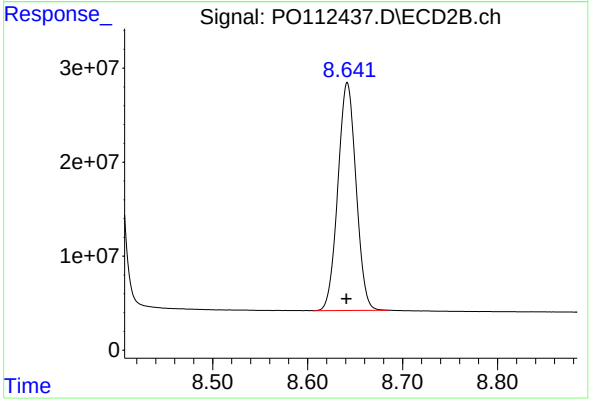
#1 Tetrachloro-m-xylene

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



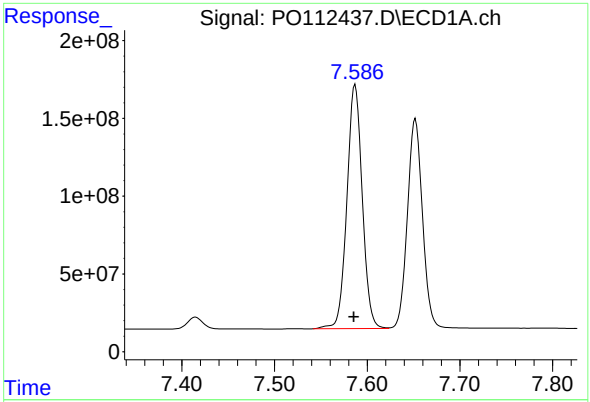
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

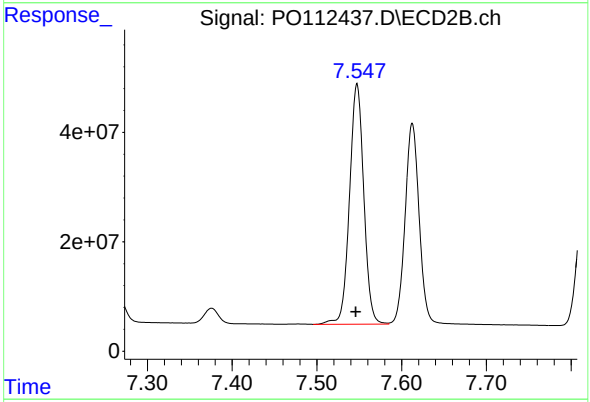
R.T.: 8.642 min
Delta R.T.: 0.001 min
Response: 322448419
Conc: 96.21 ng/ml



#41 AR-1268-1

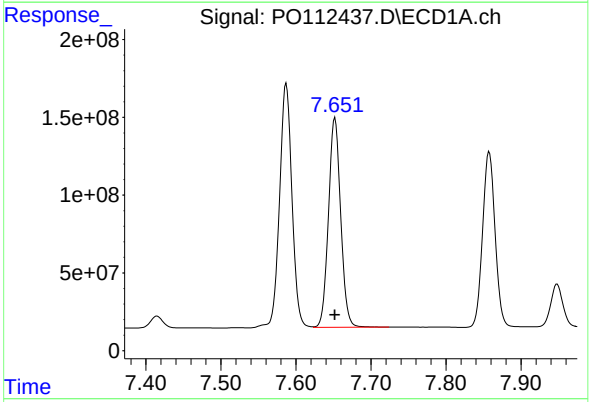
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 1805209287
Conc: 975.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



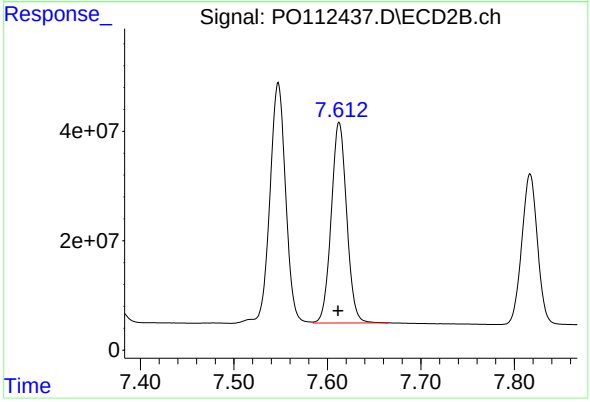
#41 AR-1268-1

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



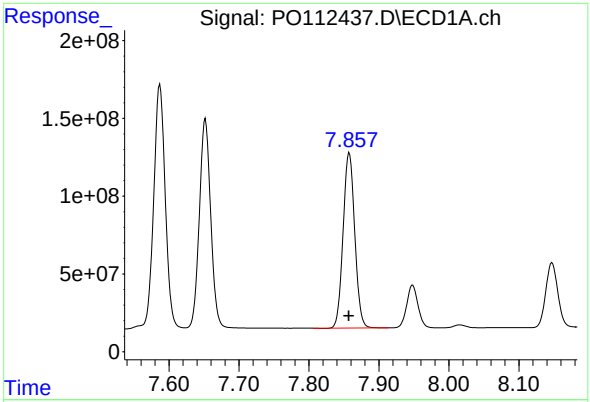
#42 AR-1268-2

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



#42 AR-1268-2

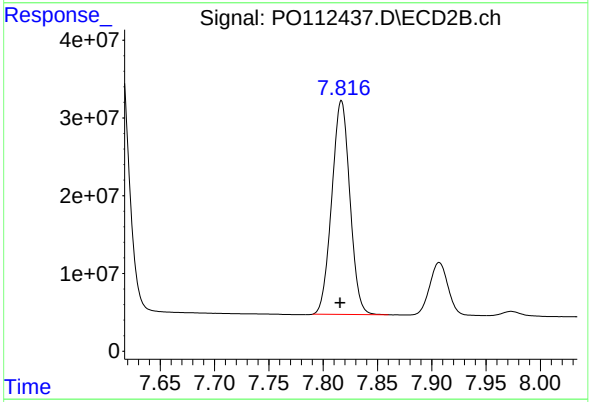
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 421574479
Conc: 965.54 ng/ml



#43 AR-1268-3

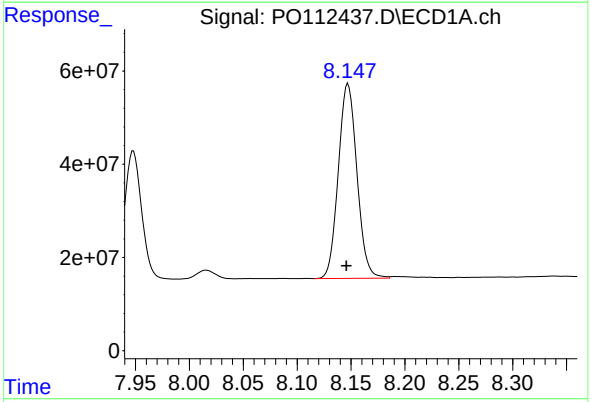
R.T.: 7.858 min
Delta R.T.: 0.000 min
Response: 1298638460
Conc: 974.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



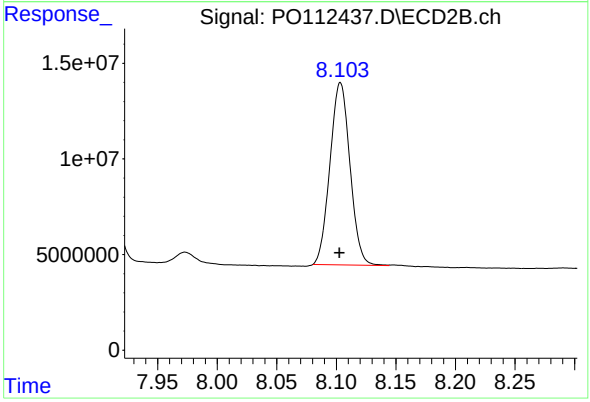
#43 AR-1268-3

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



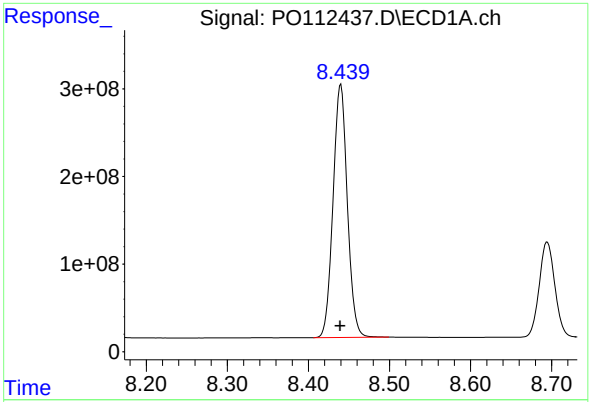
#44 AR-1268-4

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



#44 AR-1268-4

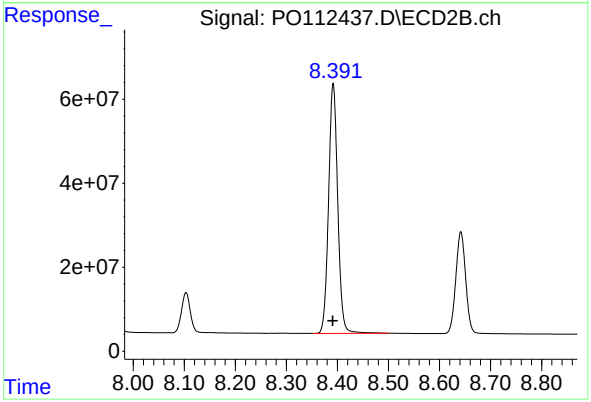
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 111516853
Conc: 971.43 ng/ml



#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

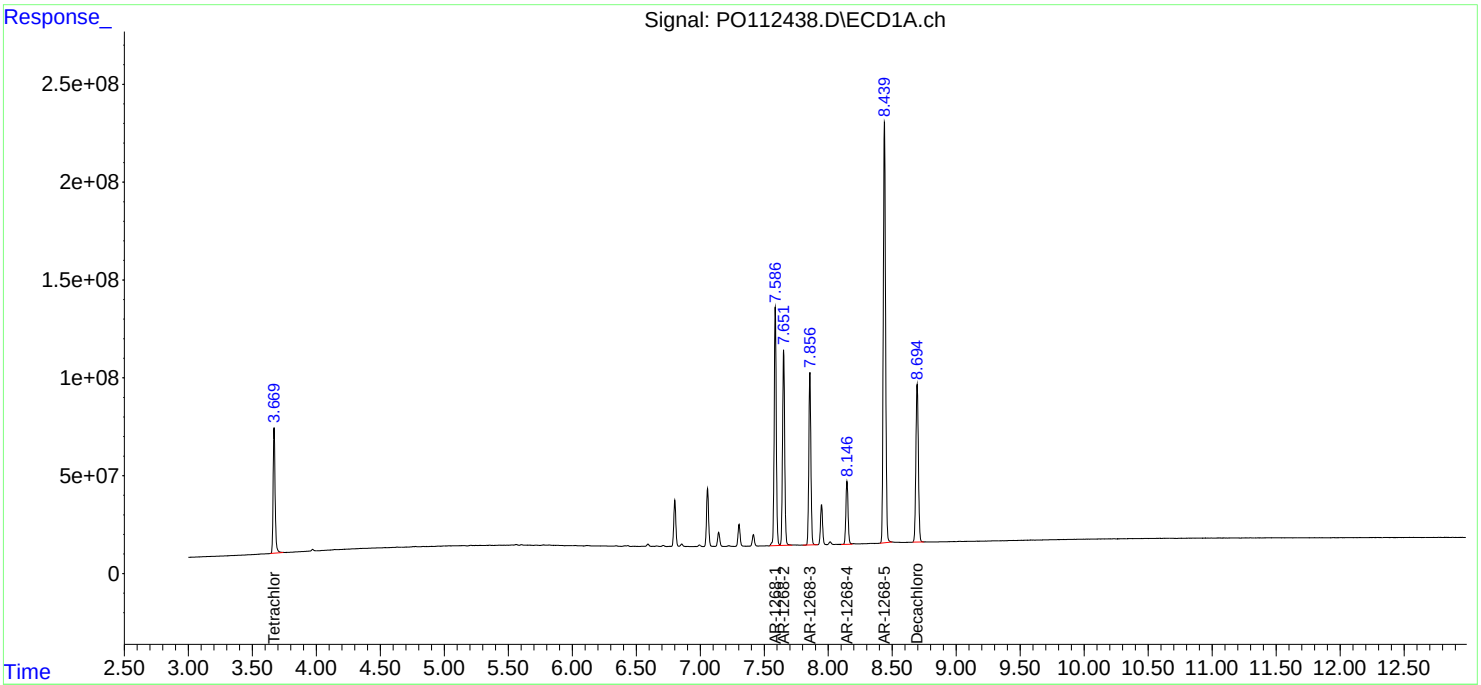
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

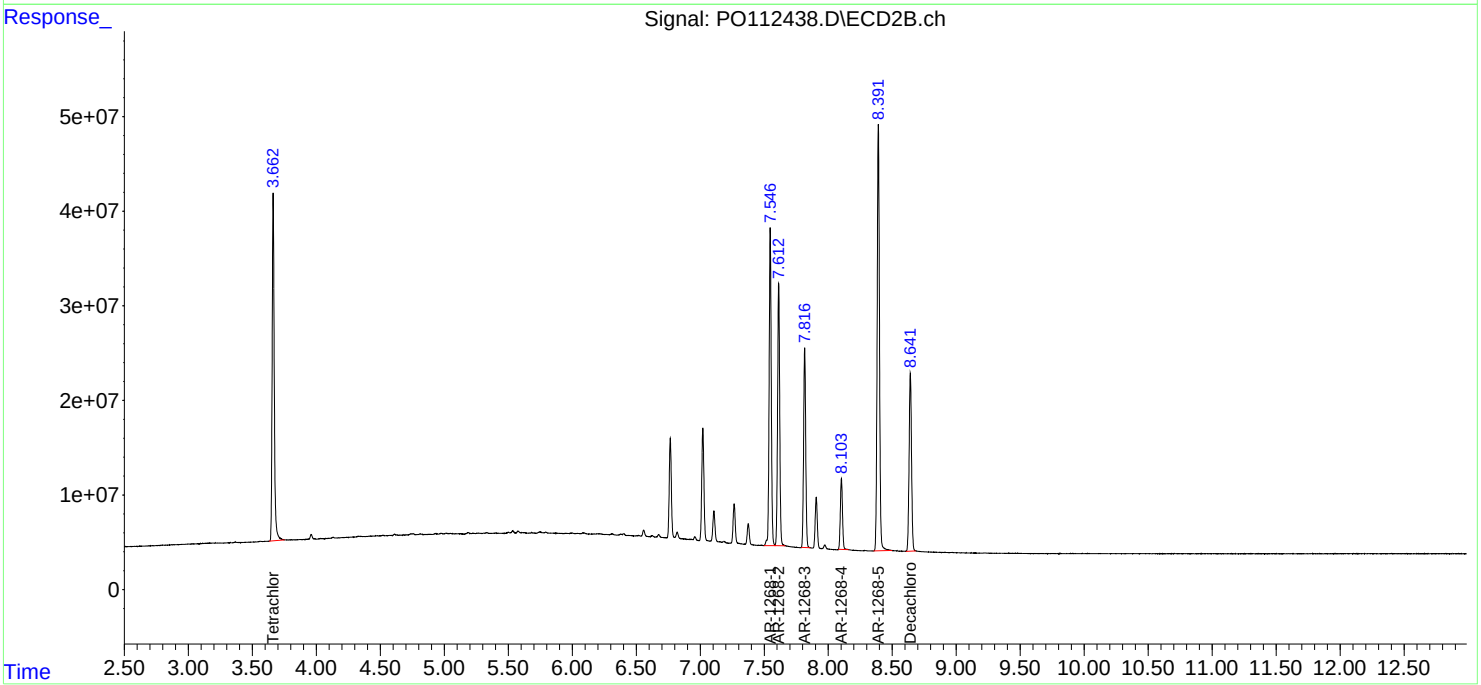
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:53
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

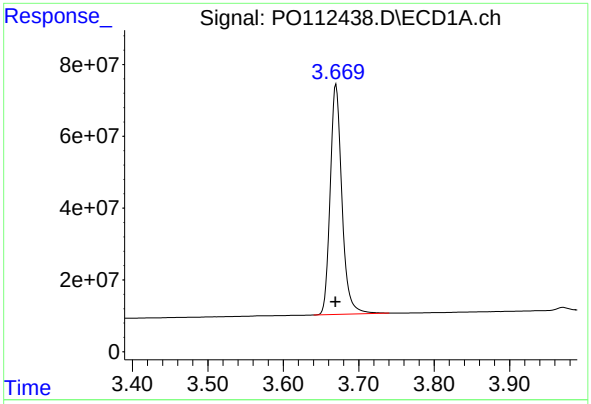
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

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



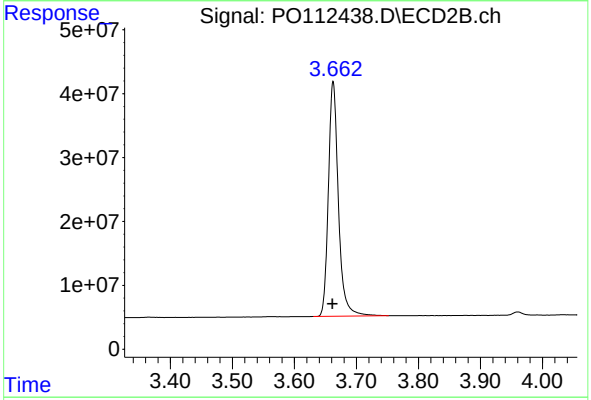




#1 Tetrachloro-m-xylene

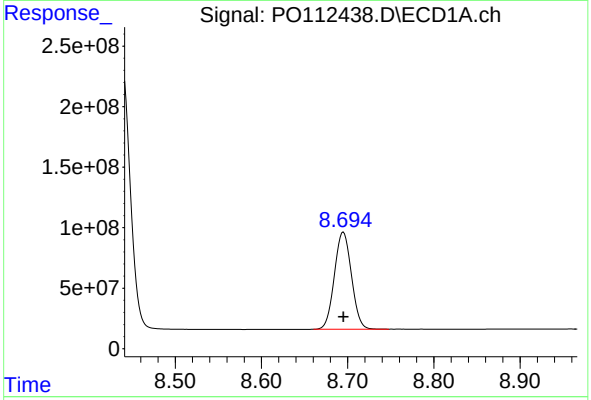
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 692243583
Conc: 74.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



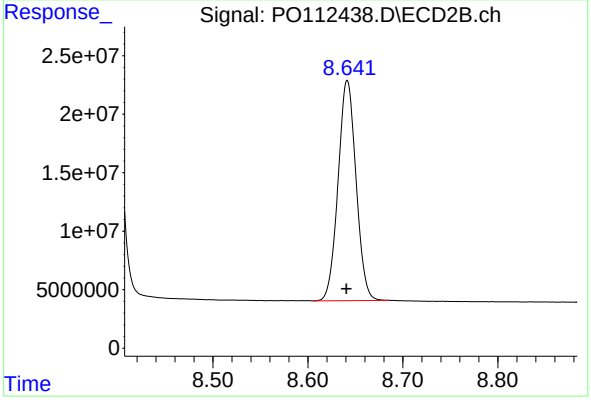
#1 Tetrachloro-m-xylene

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



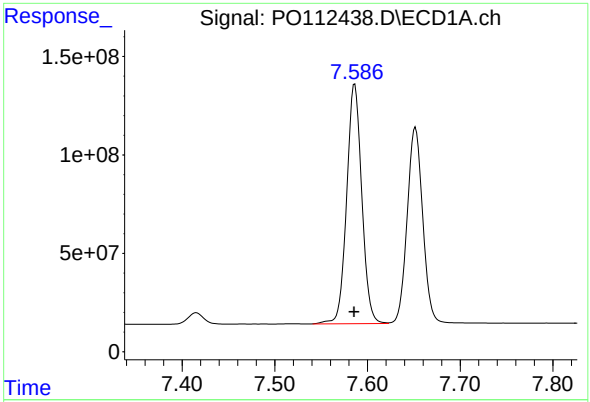
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

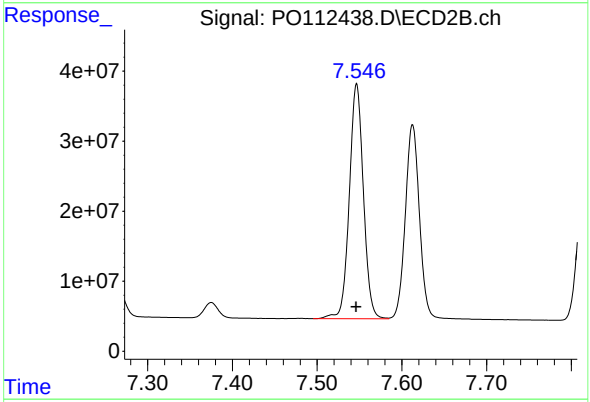
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 247569702
Conc: 73.87 ng/ml



#41 AR-1268-1

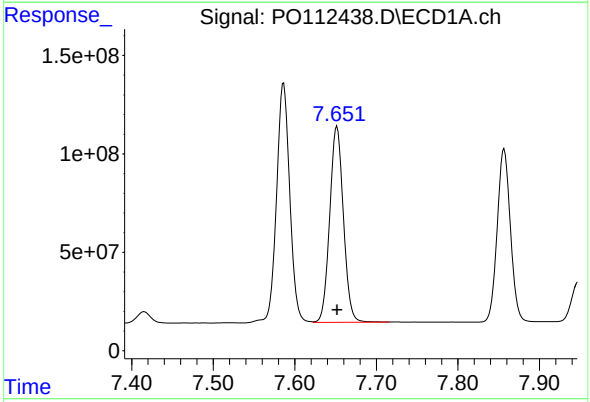
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 1377694048
Conc: 744.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



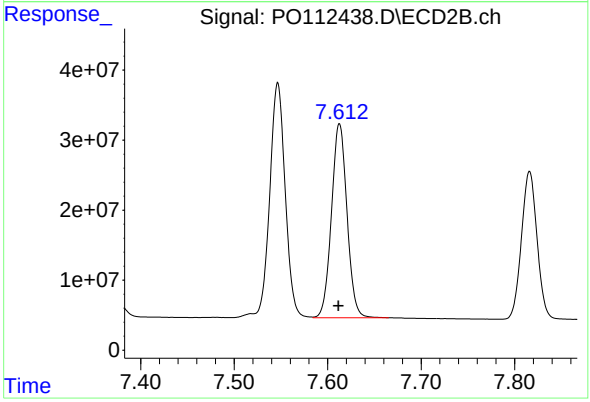
#41 AR-1268-1

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



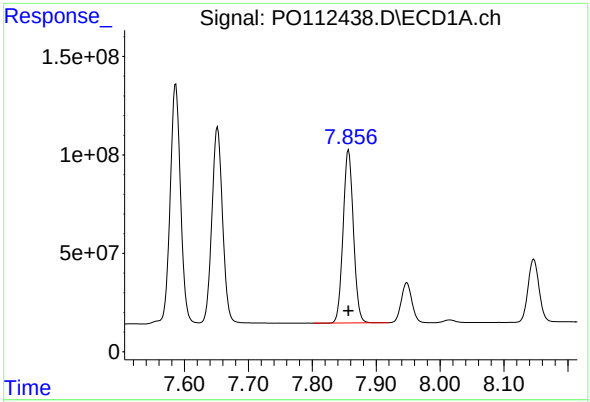
#42 AR-1268-2

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



#42 AR-1268-2

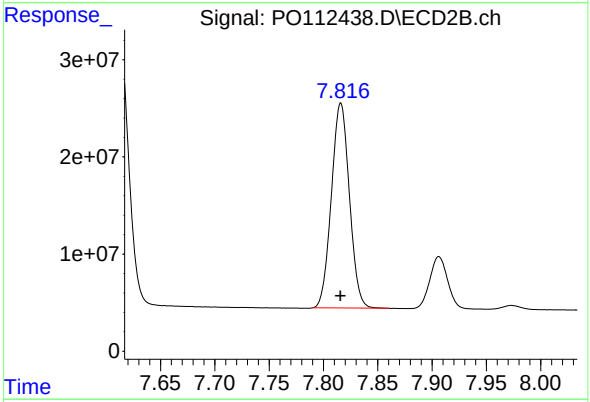
R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 319478450
Conc: 731.71 ng/ml



#43 AR-1268-3

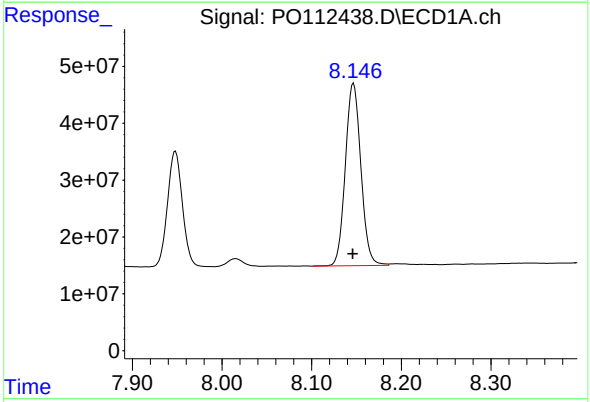
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 987117193
Conc: 740.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



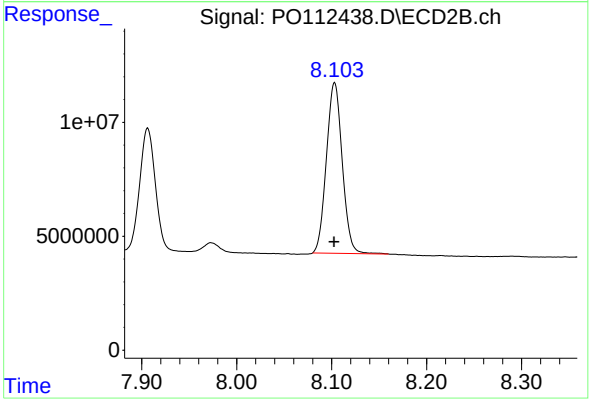
#43 AR-1268-3

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



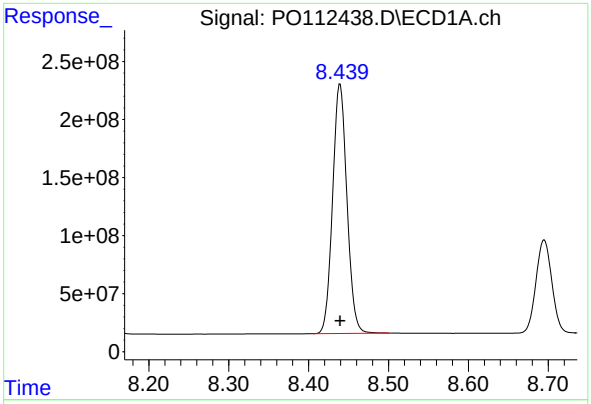
#44 AR-1268-4

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



#44 AR-1268-4

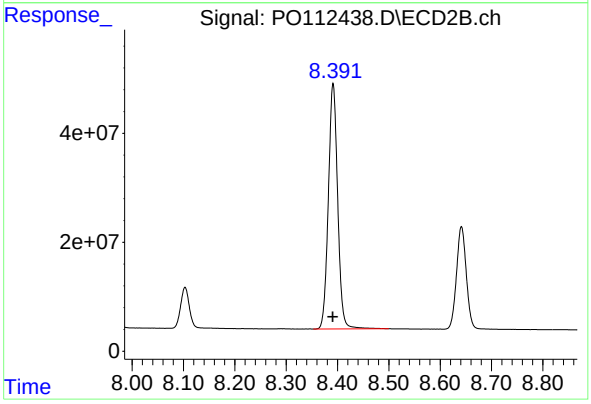
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 86779378
Conc: 755.94 ng/ml



#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.

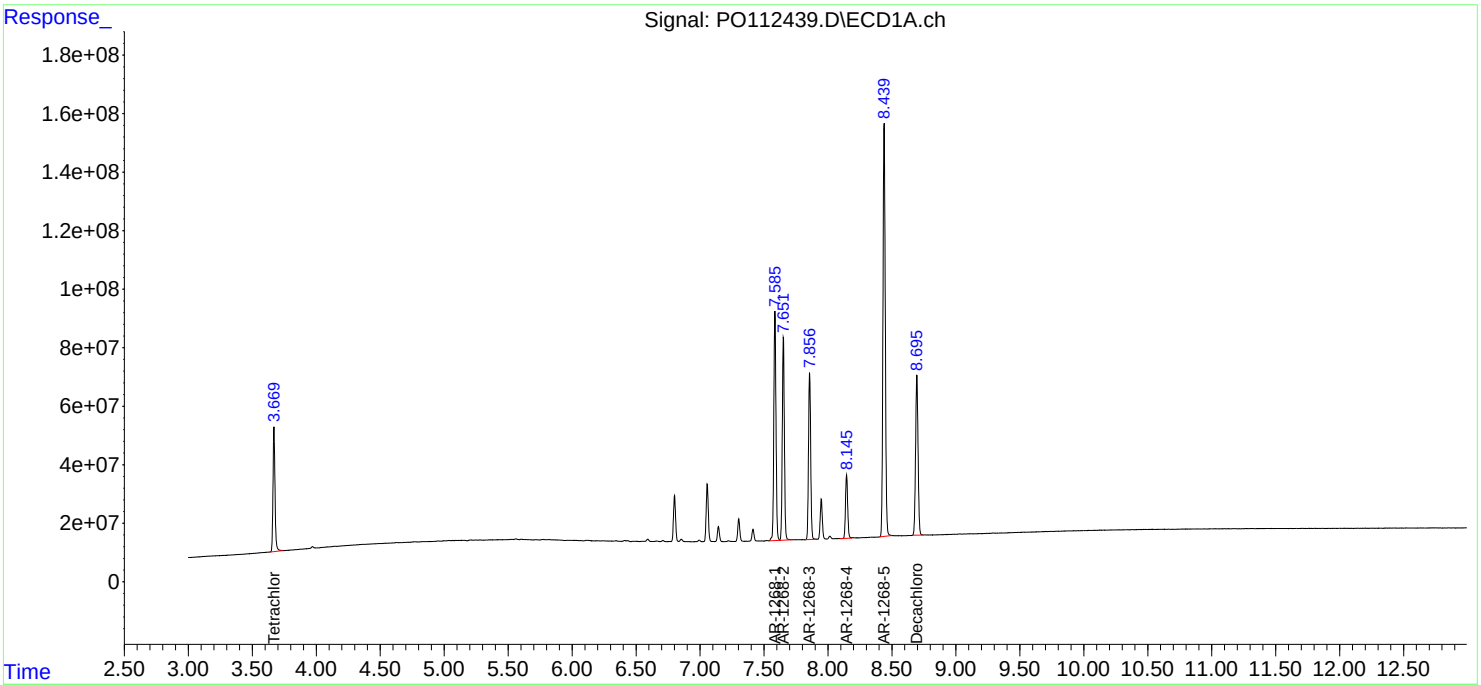
ICAL Form

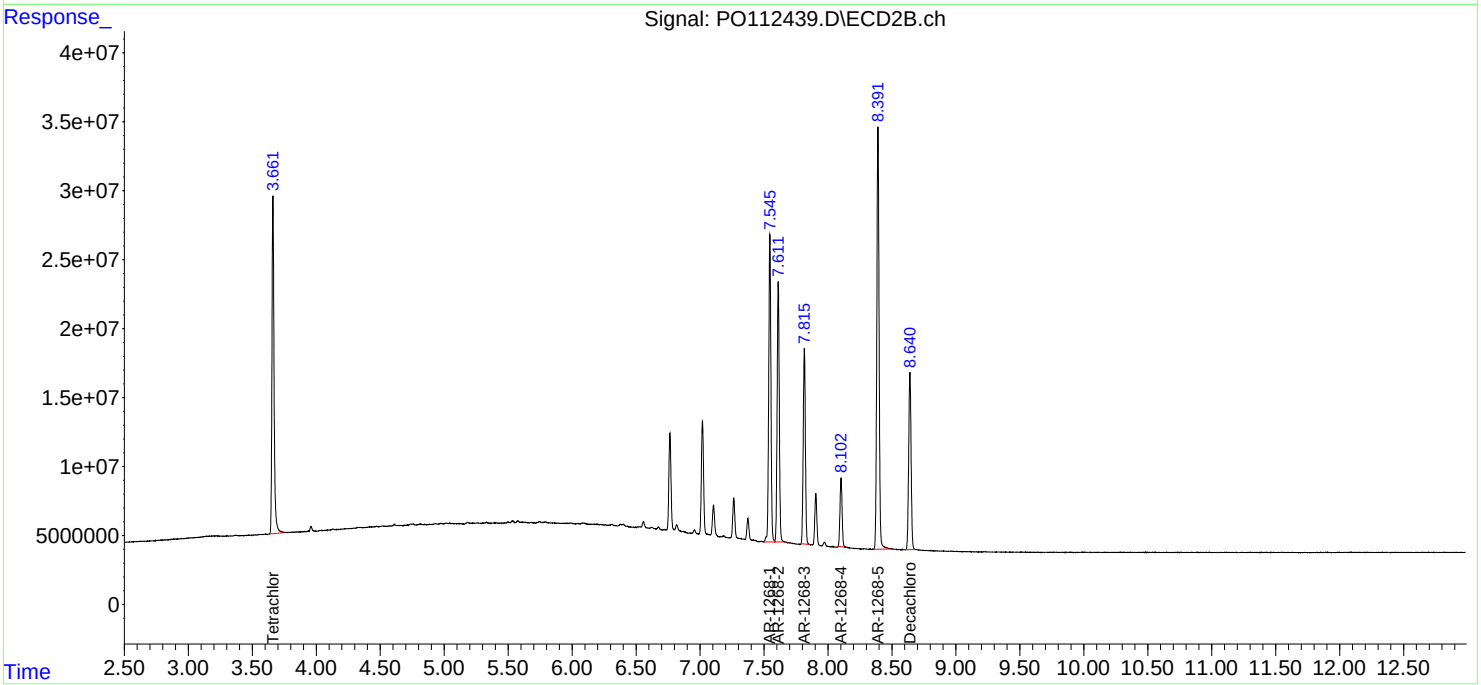
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:11
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

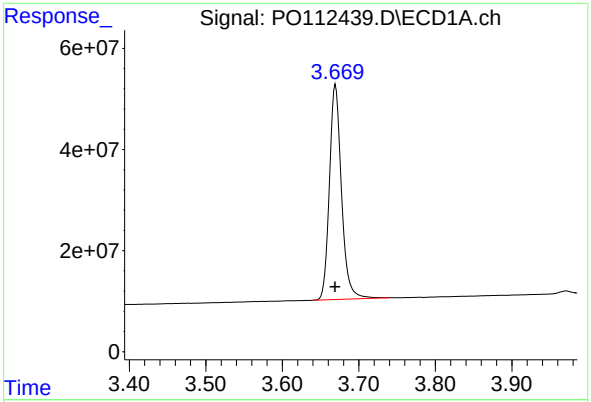
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

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



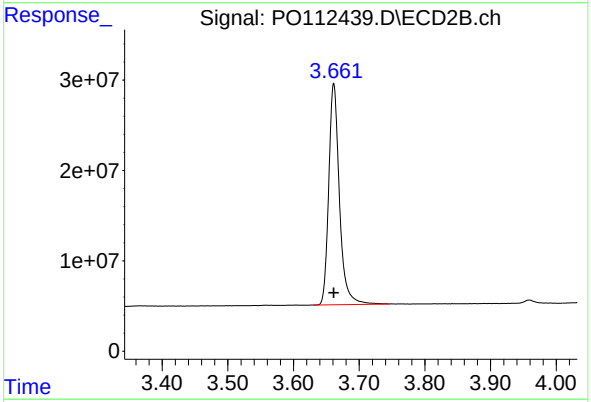




#1 Tetrachloro-m-xylene

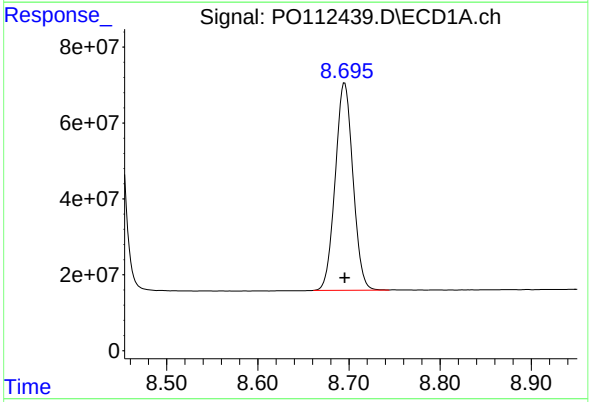
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 463571552
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



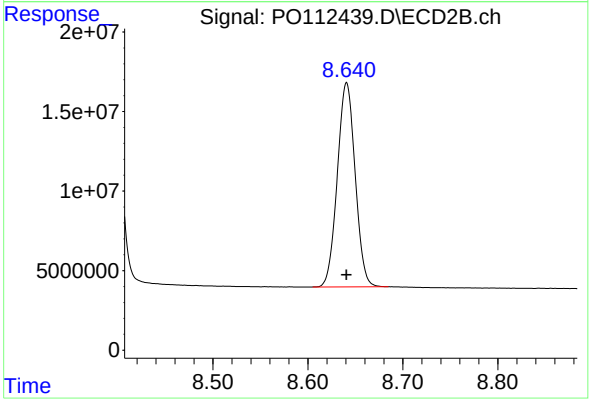
#1 Tetrachloro-m-xylene

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



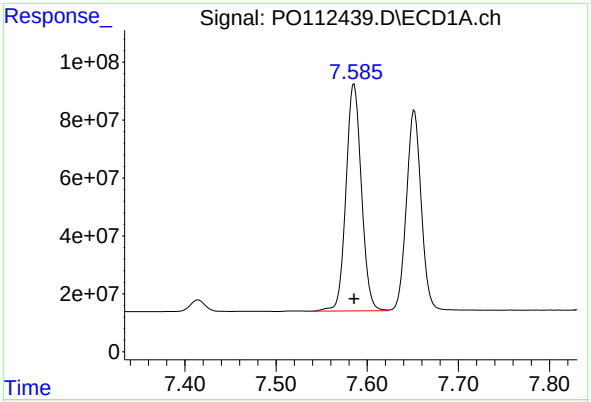
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

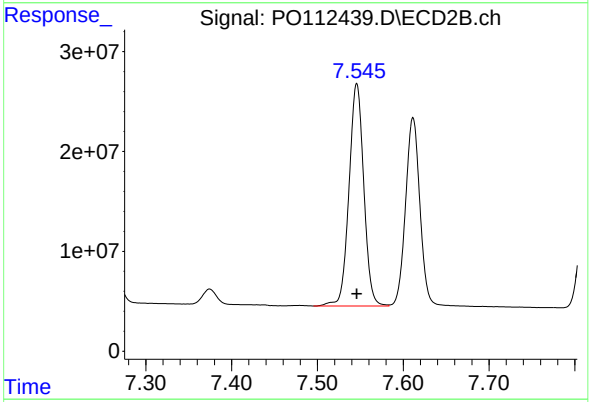
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 167569760
Conc: 50.00 ng/ml



#41 AR-1268-1

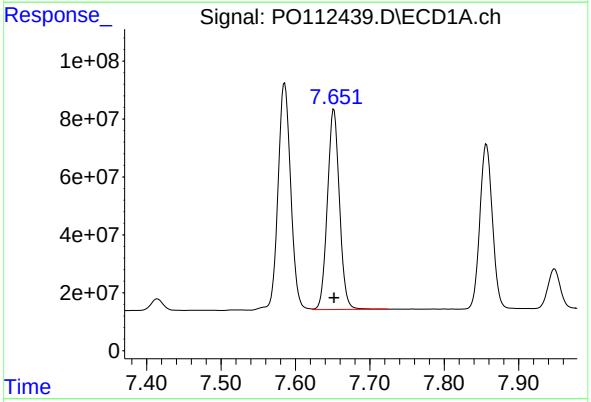
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 925267424
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



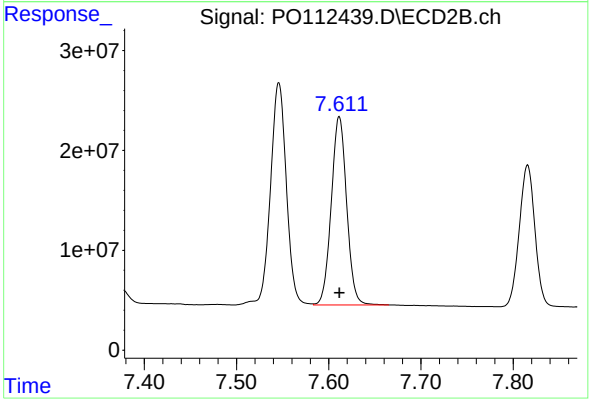
#41 AR-1268-1

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



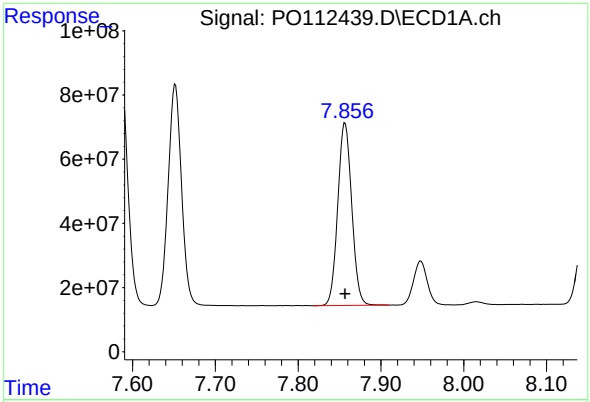
#42 AR-1268-2

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



#42 AR-1268-2

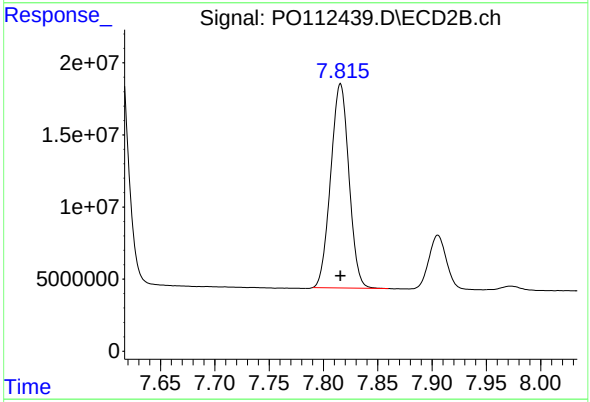
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 218309426
Conc: 500.00 ng/ml



#43 AR-1268-3

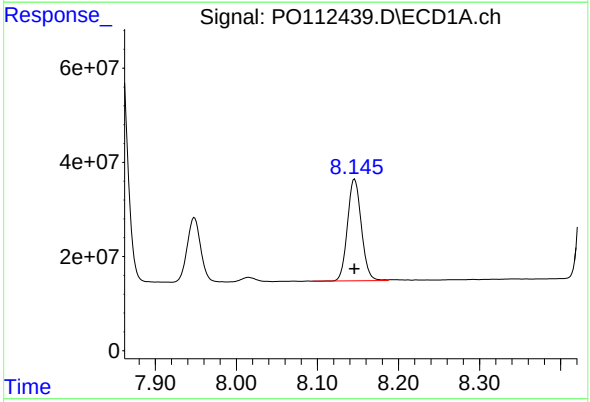
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 666647907
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



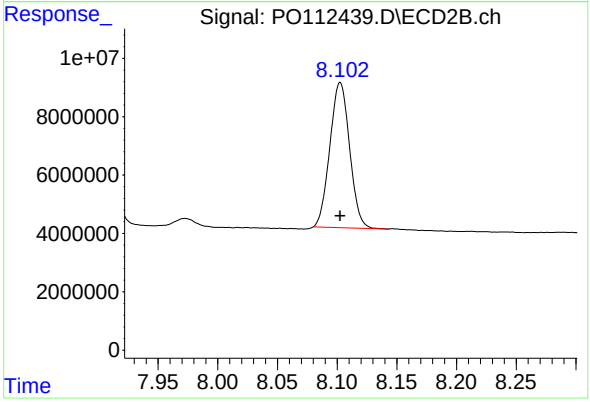
#43 AR-1268-3

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



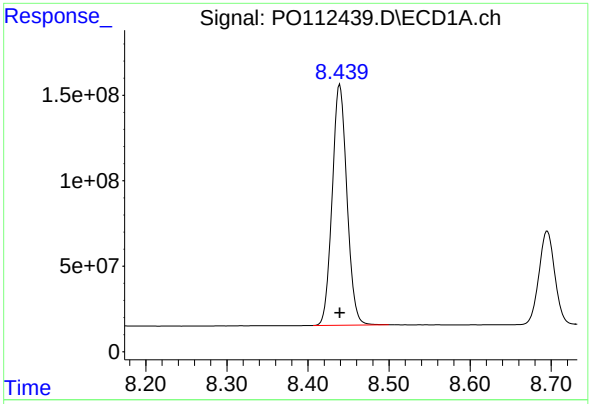
#44 AR-1268-4

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



#44 AR-1268-4

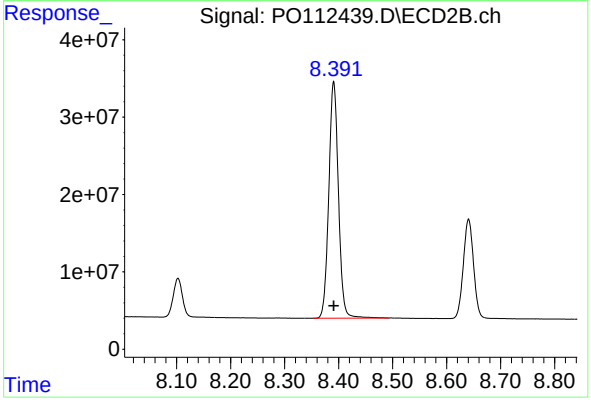
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 57398296
Conc: 500.00 ng/ml



#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

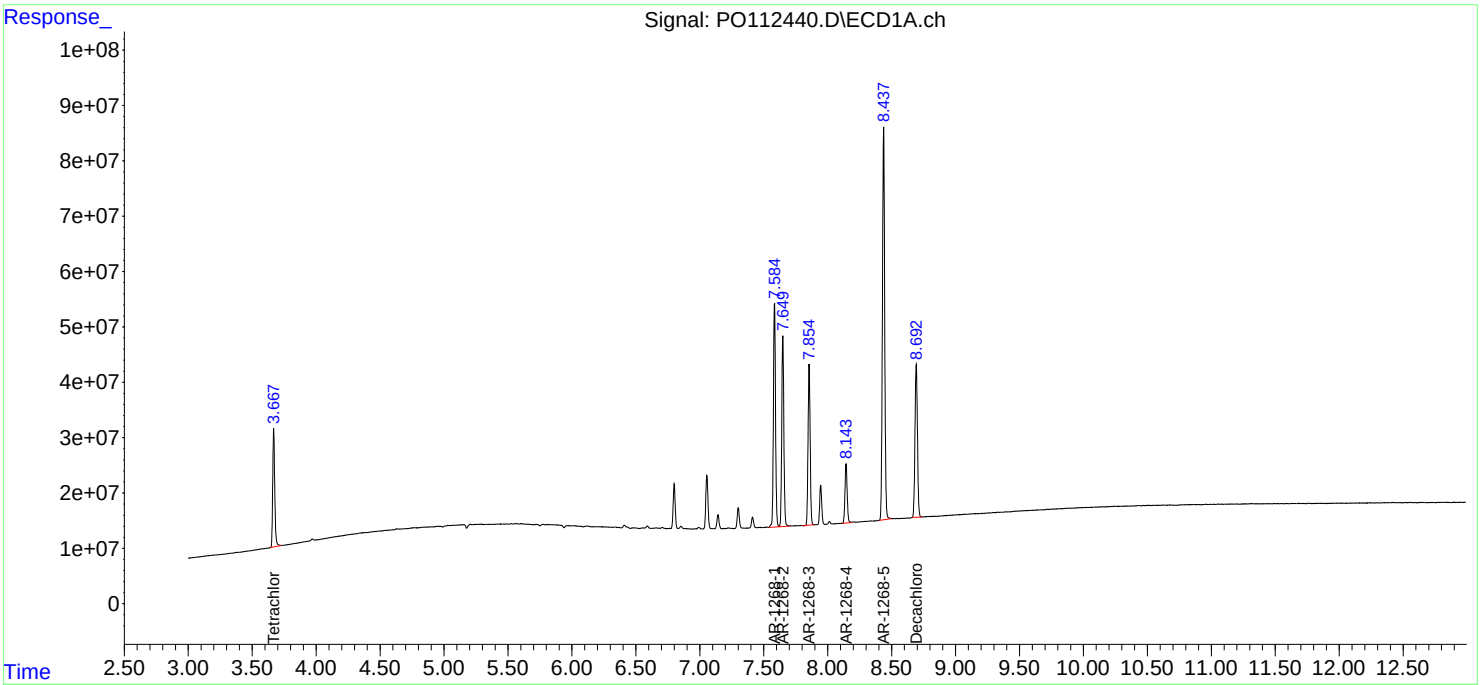
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

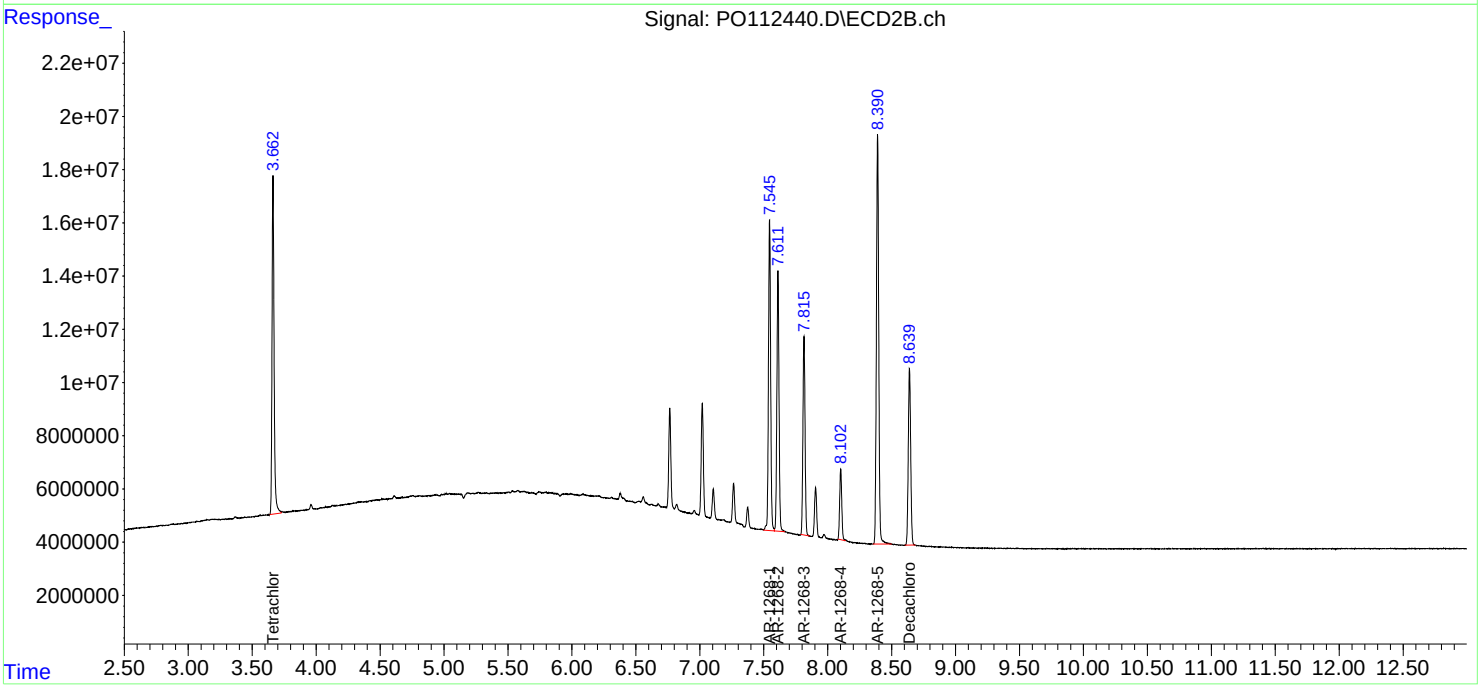
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:28
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

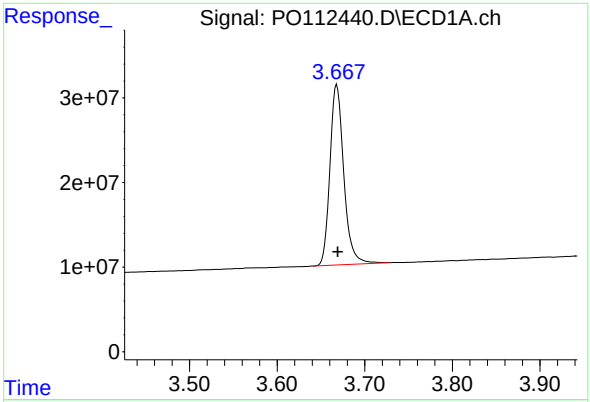
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

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



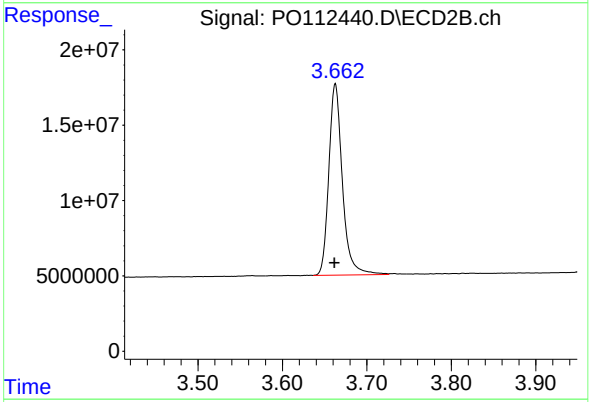




#1 Tetrachloro-m-xylene

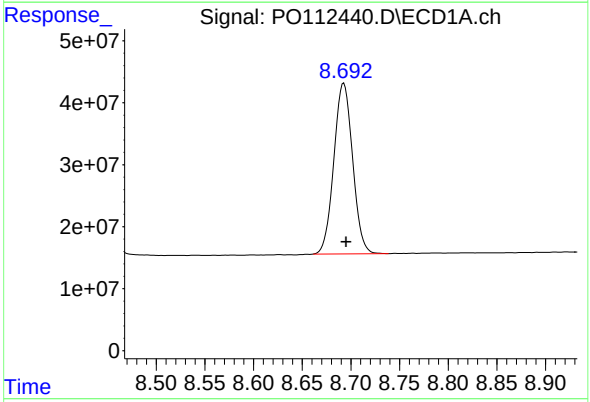
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 233878715
Conc: 25.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



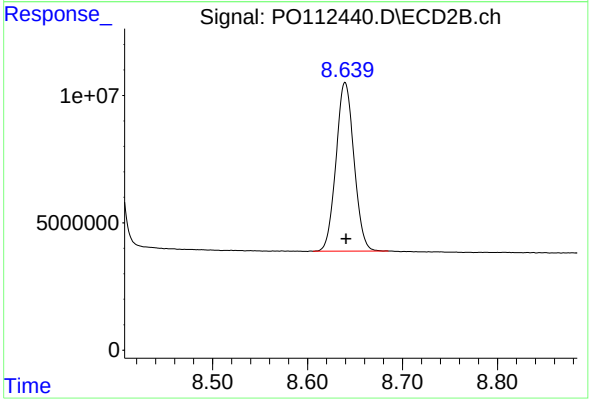
#1 Tetrachloro-m-xylene

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



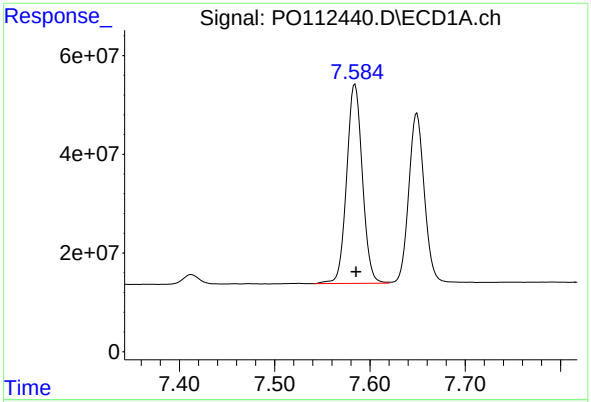
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

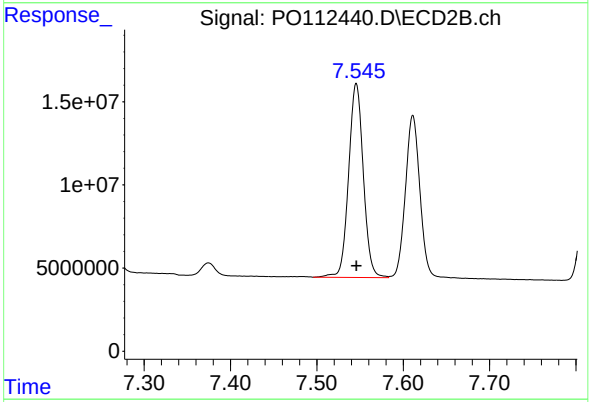
R.T.: 8.640 min
Delta R.T.: -0.001 min
Response: 87026360
Conc: 25.97 ng/ml



#41 AR-1268-1

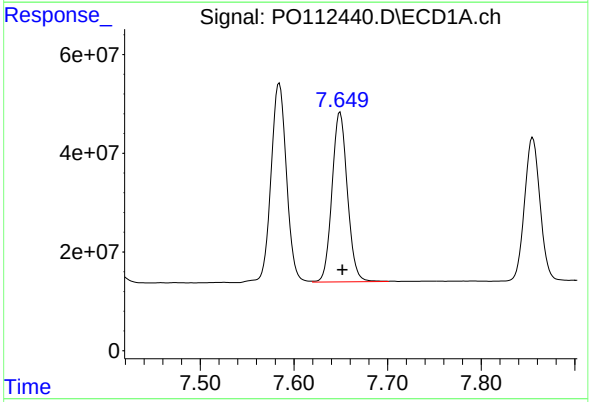
R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 463182645
Conc: 250.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



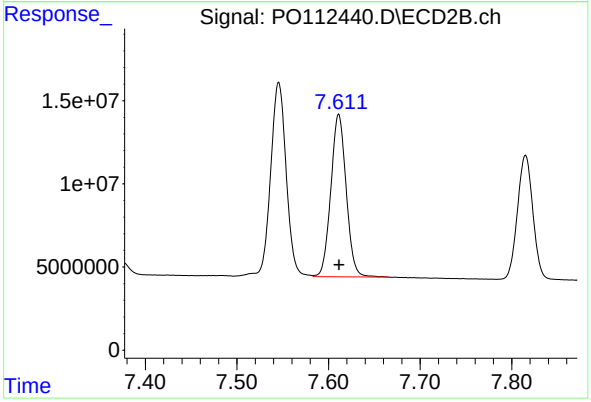
#41 AR-1268-1

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



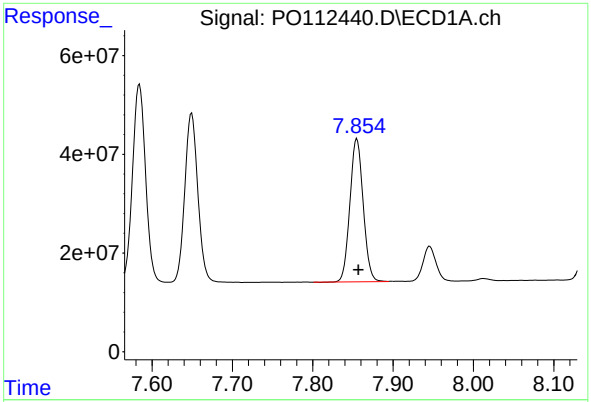
#42 AR-1268-2

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



#42 AR-1268-2

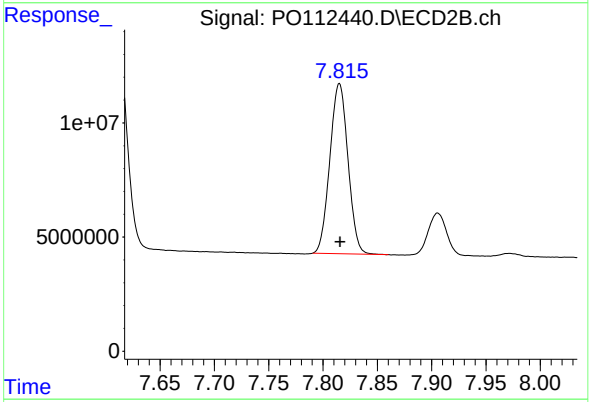
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 113627398
Conc: 260.24 ng/ml



#43 AR-1268-3

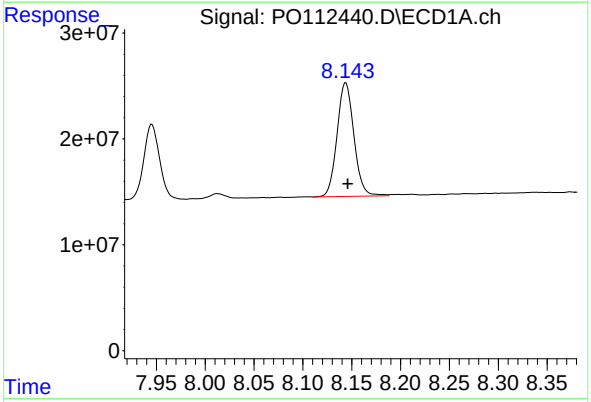
R.T.: 7.855 min
Delta R.T.: -0.002 min
Response: 332303997
Conc: 249.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



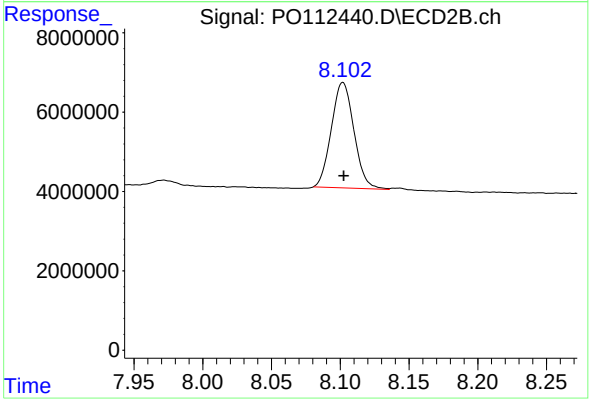
#43 AR-1268-3

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



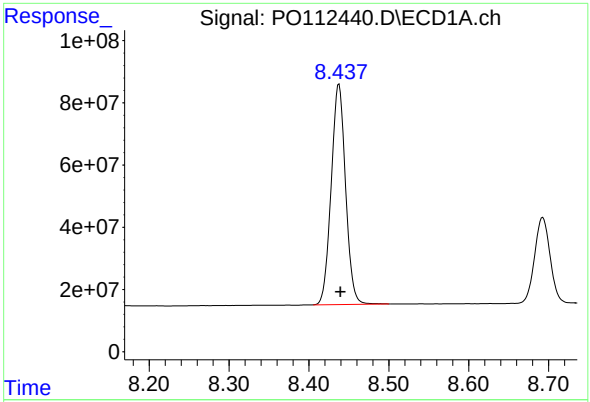
#44 AR-1268-4

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



#44 AR-1268-4

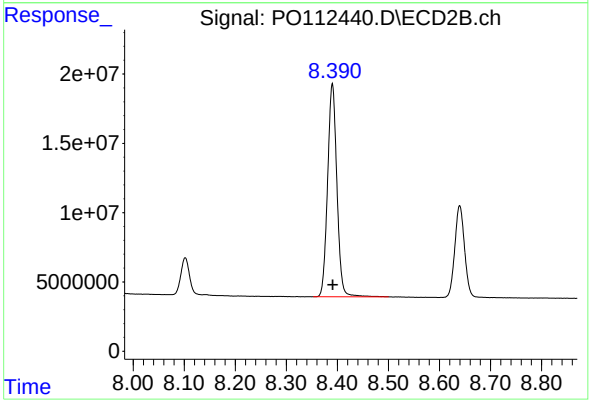
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 30404180
Conc: 264.85 ng/ml



#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

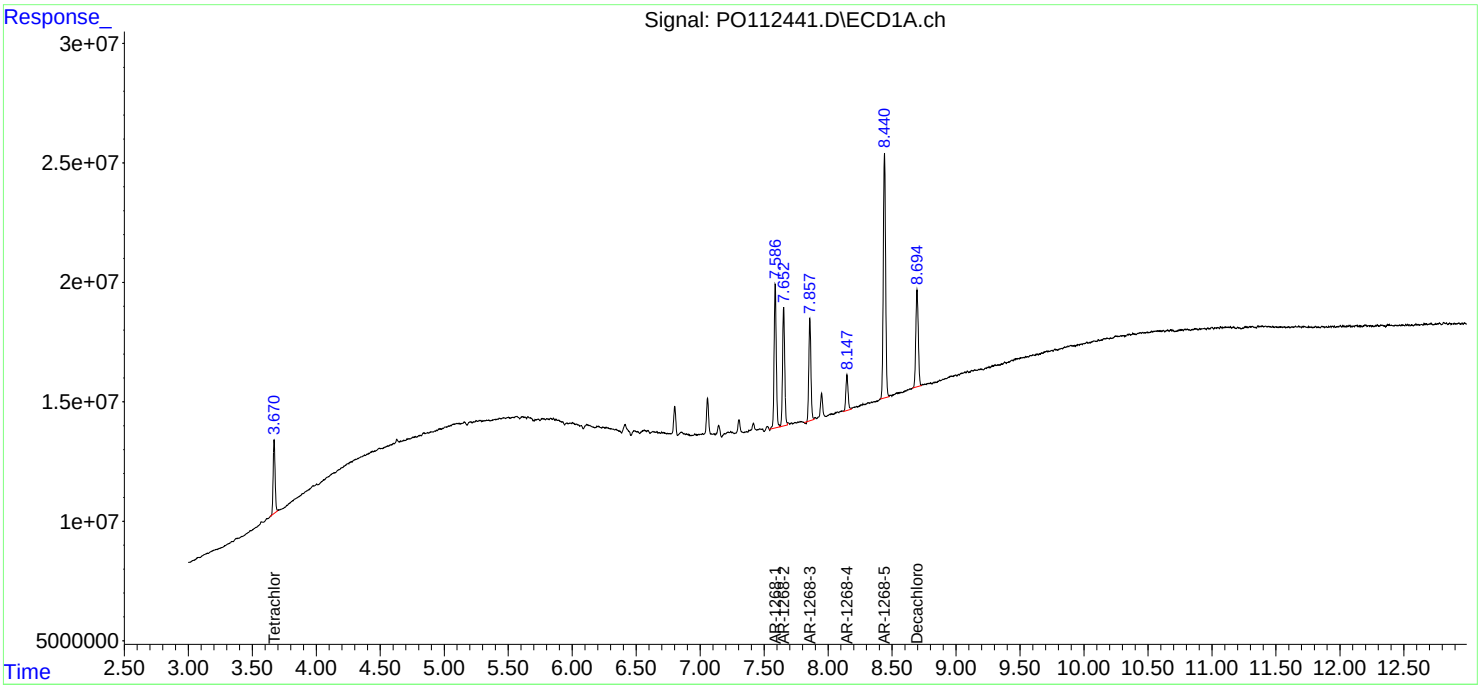
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

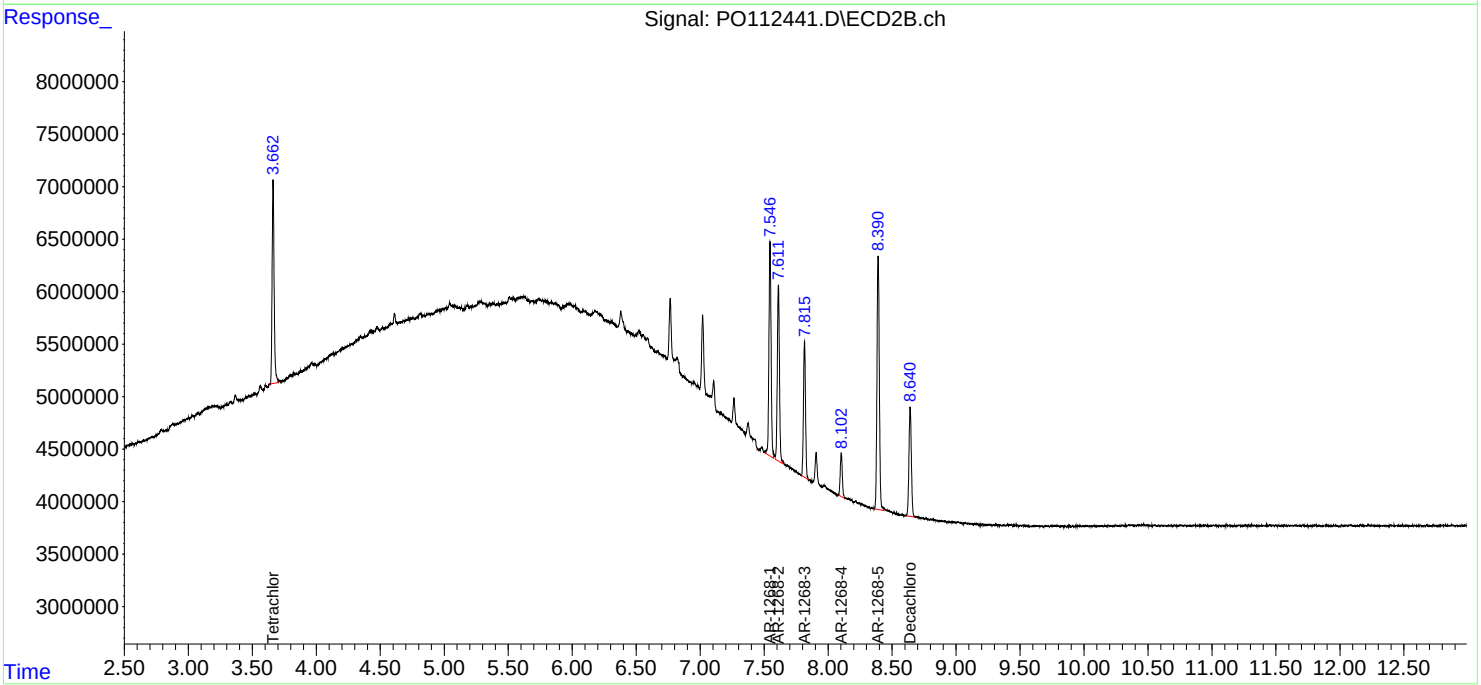
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:47
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

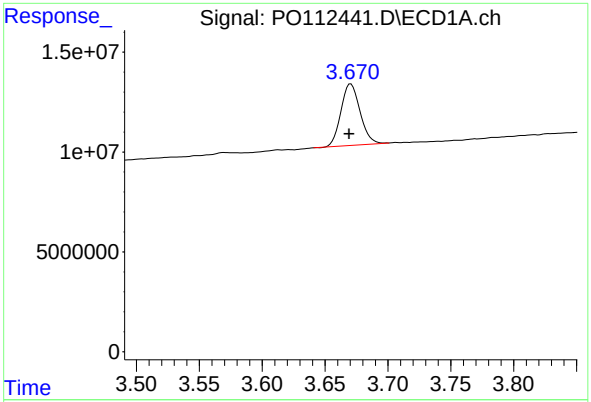
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

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



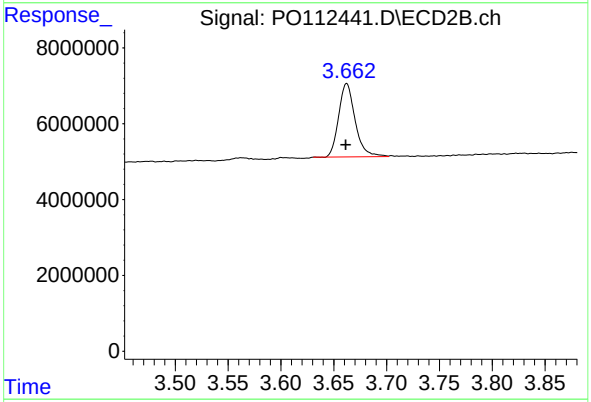




#1 Tetrachloro-m-xylene

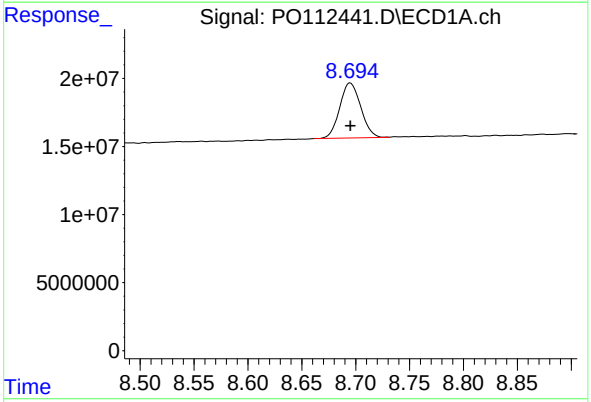
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 32580103
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



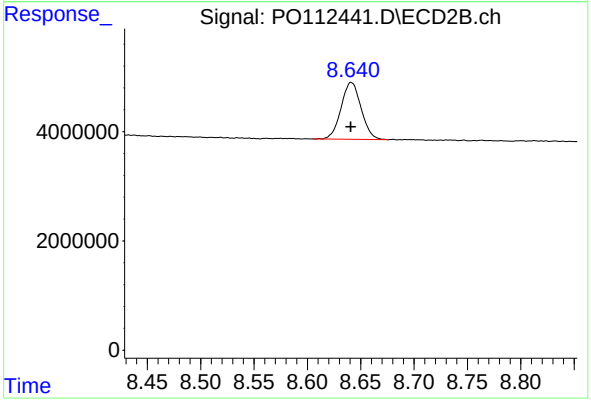
#1 Tetrachloro-m-xylene

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



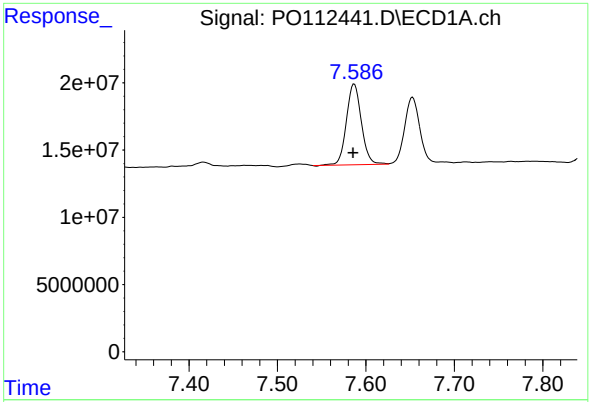
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

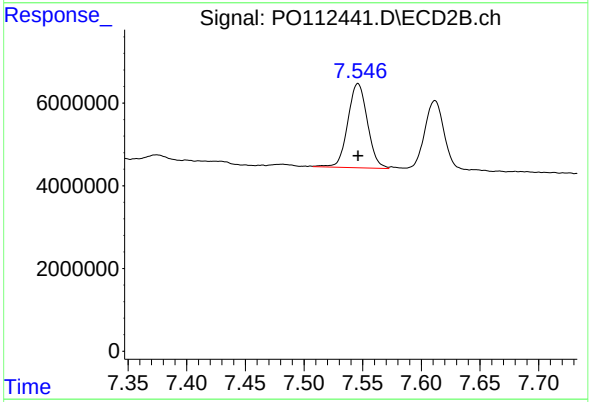
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 13633947
Conc: 4.07 ng/ml



#41 AR-1268-1

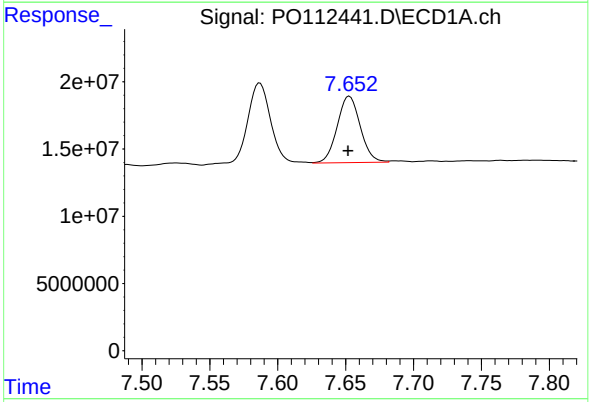
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 70515596
Conc: 38.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



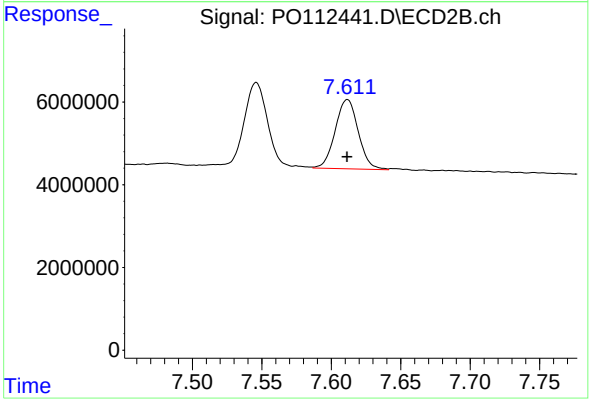
#41 AR-1268-1

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



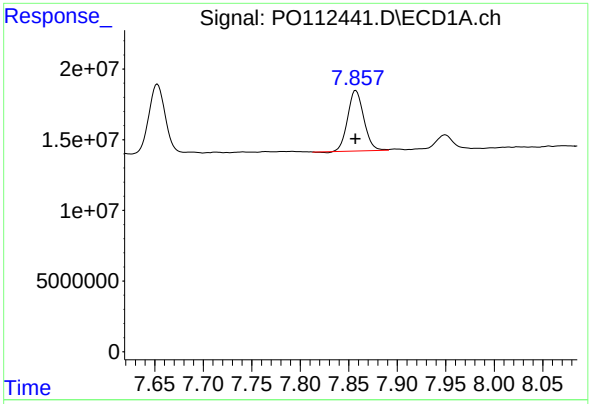
#42 AR-1268-2

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



#42 AR-1268-2

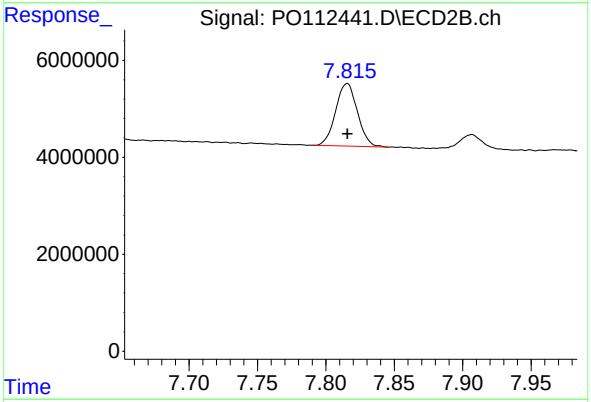
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 19332274
Conc: 44.28 ng/ml



#43 AR-1268-3

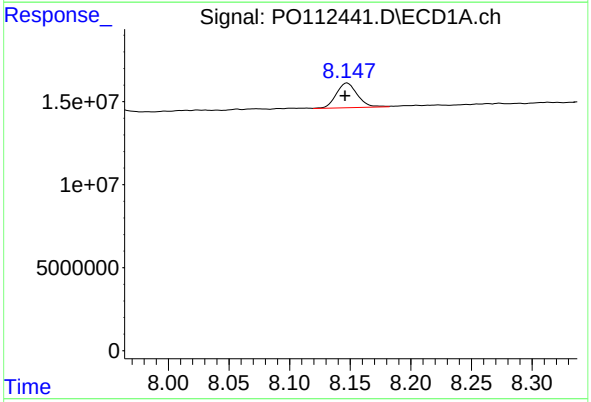
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 49192646
Conc: 36.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



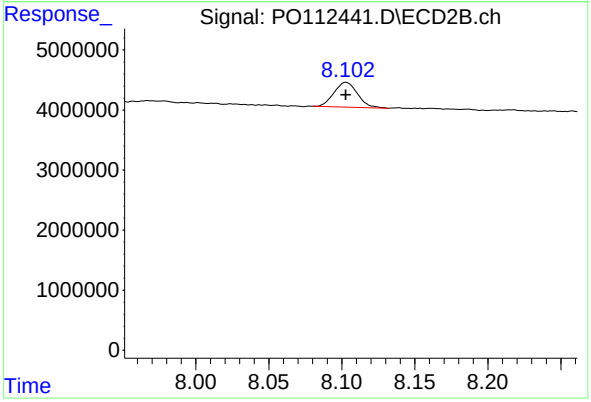
#43 AR-1268-3

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



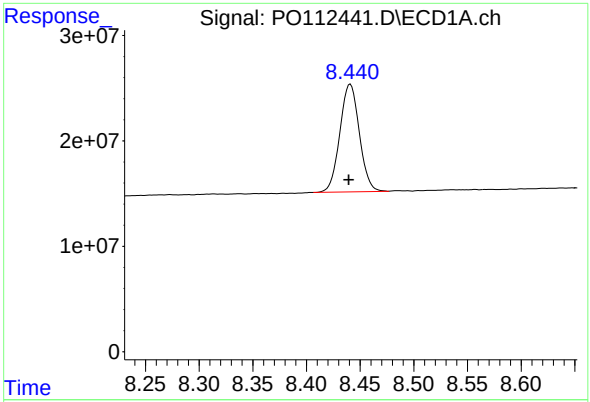
#44 AR-1268-4

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



#44 AR-1268-4

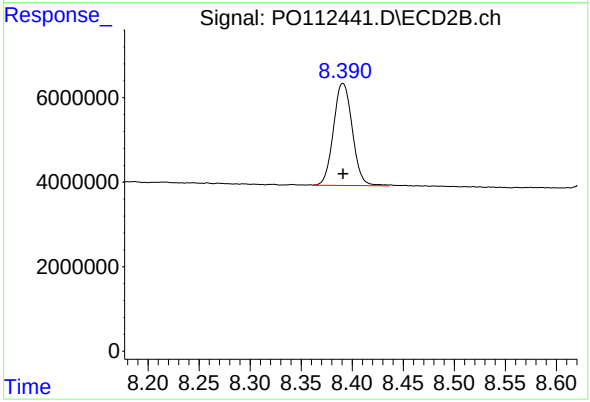
R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 4642090
Conc: 40.44 ng/ml



#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

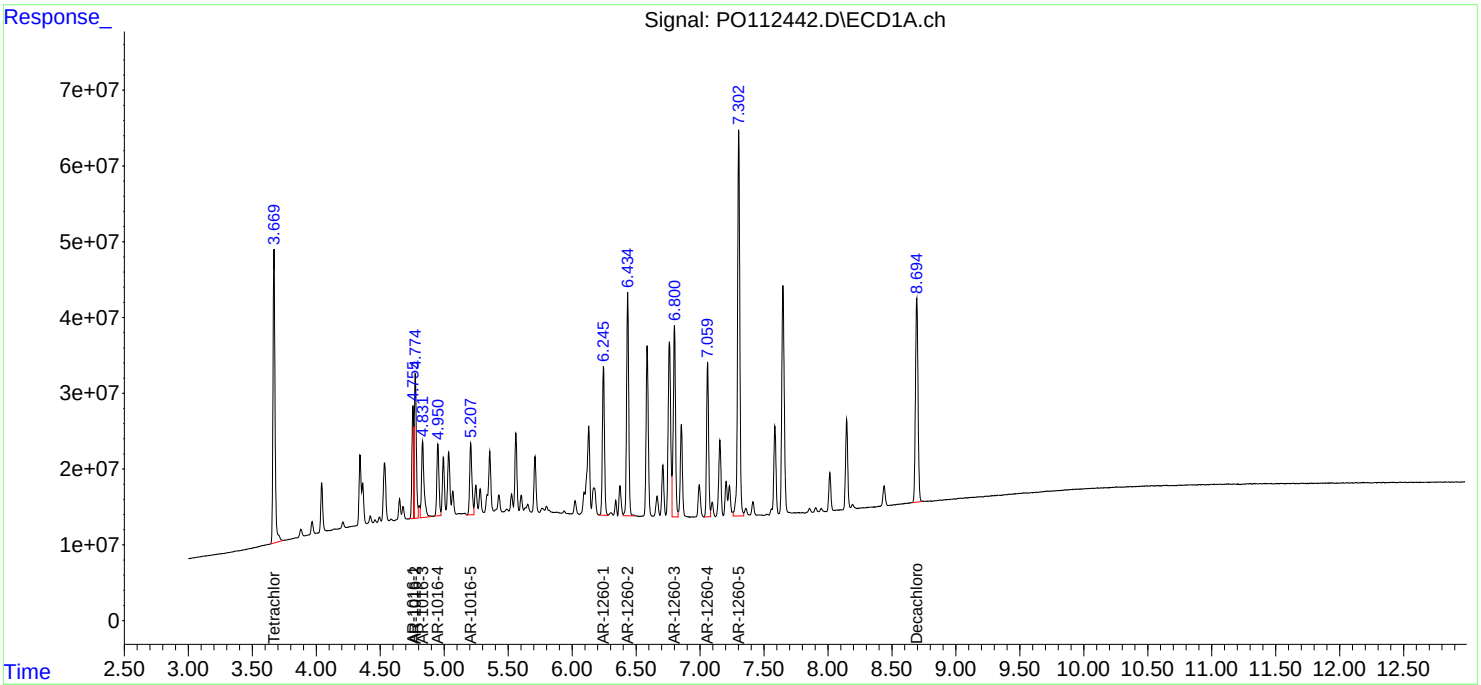
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

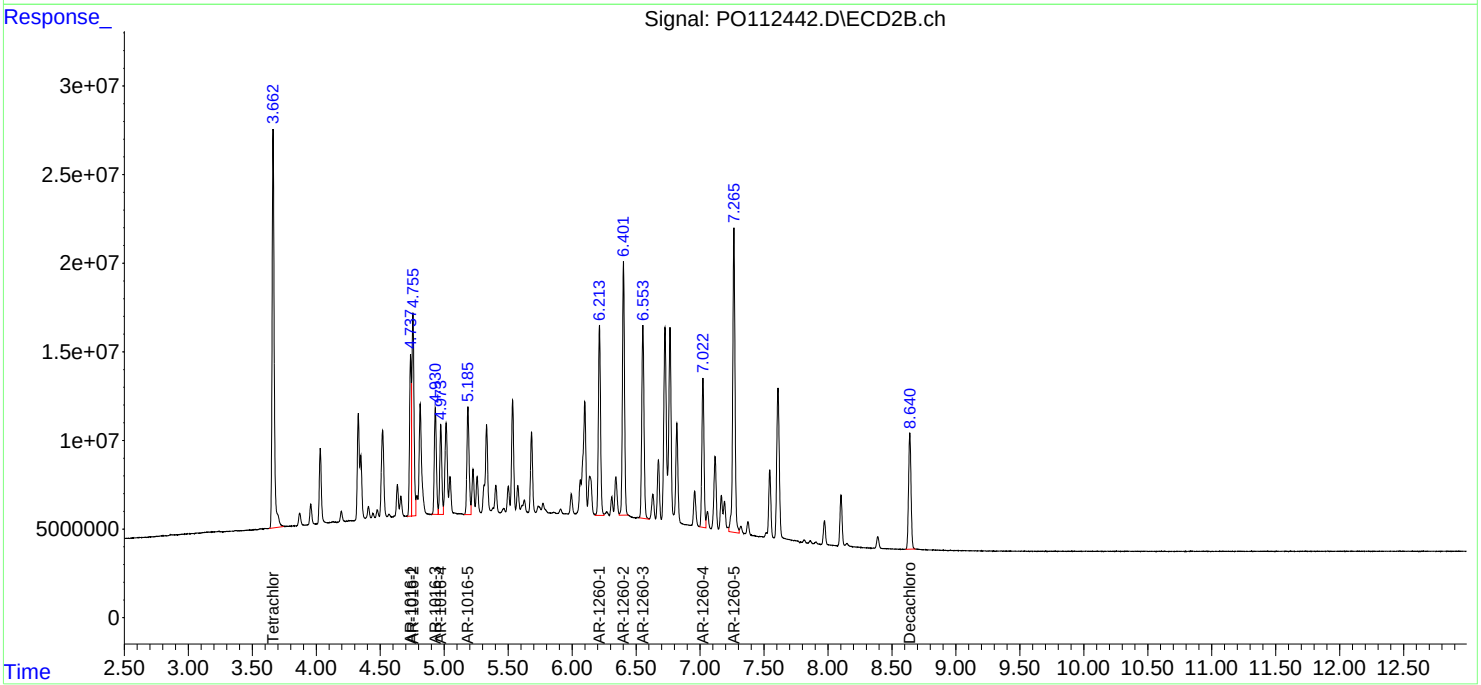
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:05
Operator : YP/AJ
Sample : PO072325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

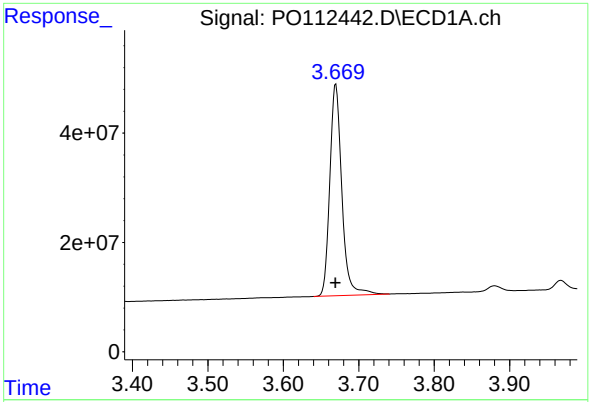
Instrument :
ECD_O
ClientSampleId :
ICVPO072325

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



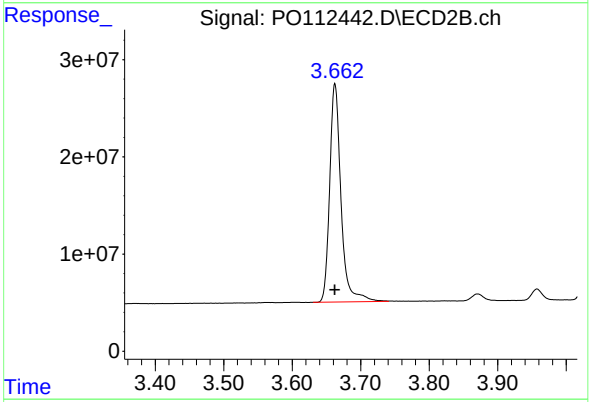




#1 Tetrachloro-m-xylene

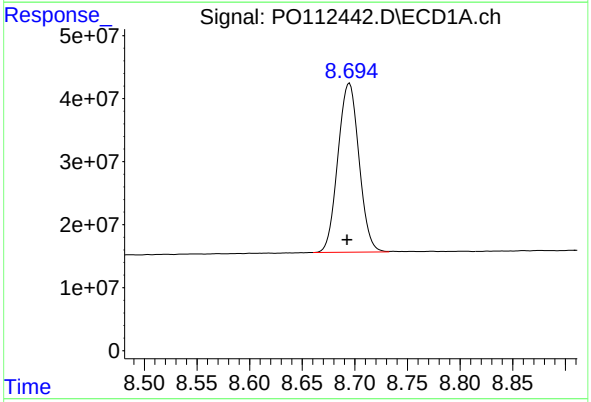
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 429455402
Conc: 52.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



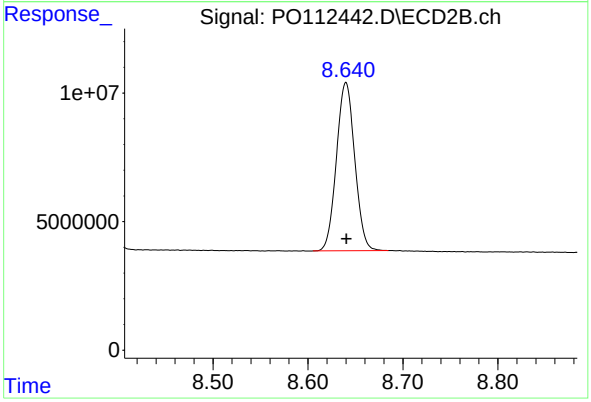
#1 Tetrachloro-m-xylene

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



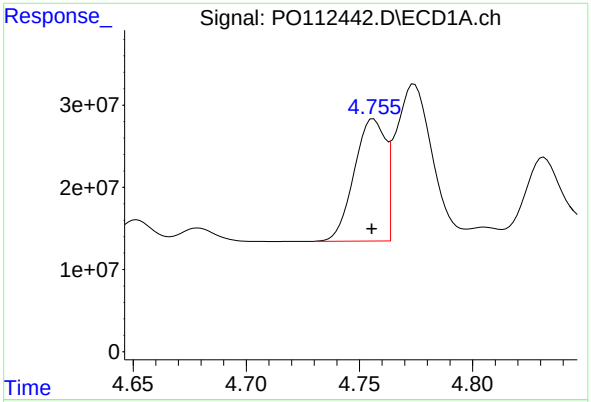
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

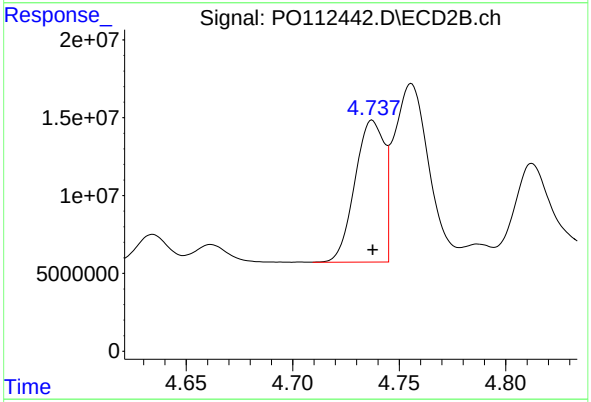
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 87671423
Conc: 49.61 ng/ml



#3 AR-1016-1

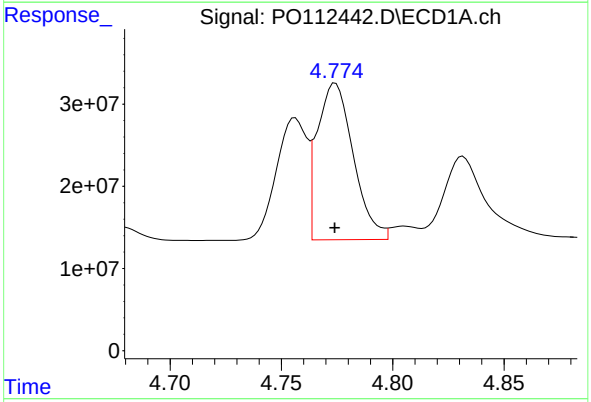
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 141906938
Conc: 528.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



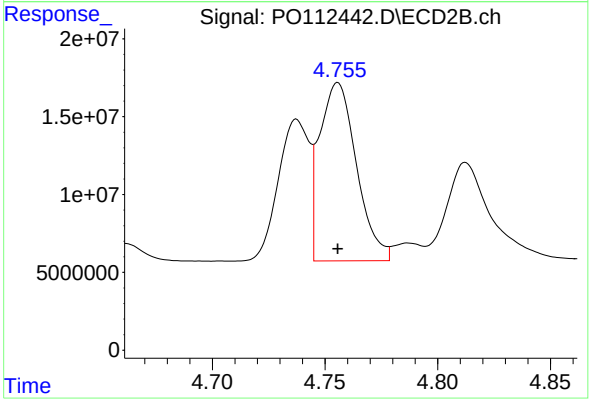
#3 AR-1016-1

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



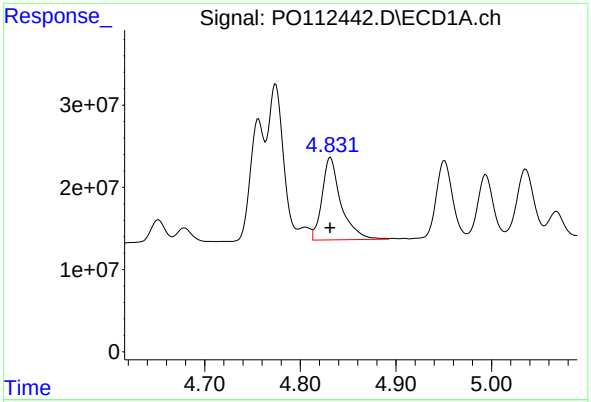
#4 AR-1016-2

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



#4 AR-1016-2

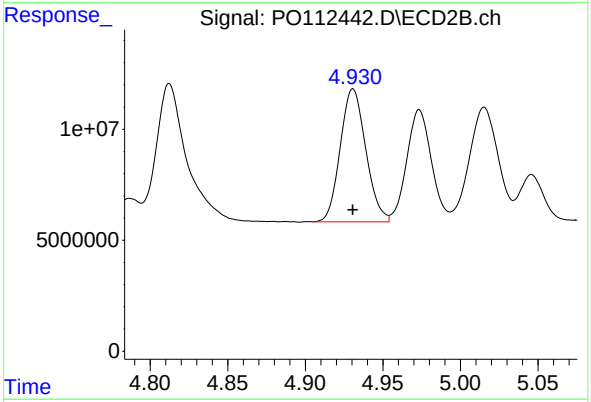
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 130482985
Conc: 500.90 ng/ml



#5 AR-1016-3

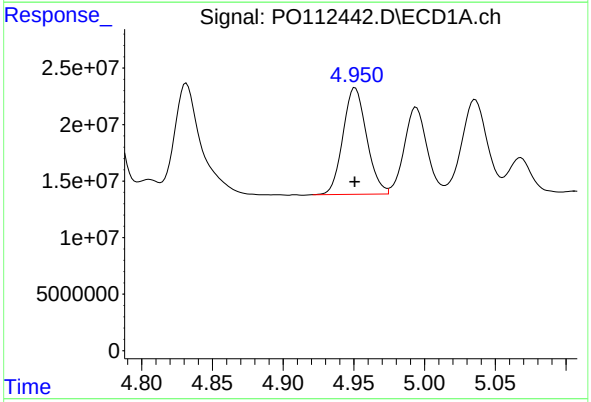
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 137669441
Conc: 526.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



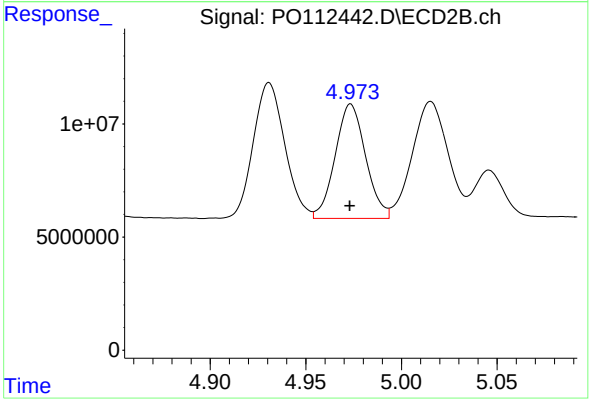
#5 AR-1016-3

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



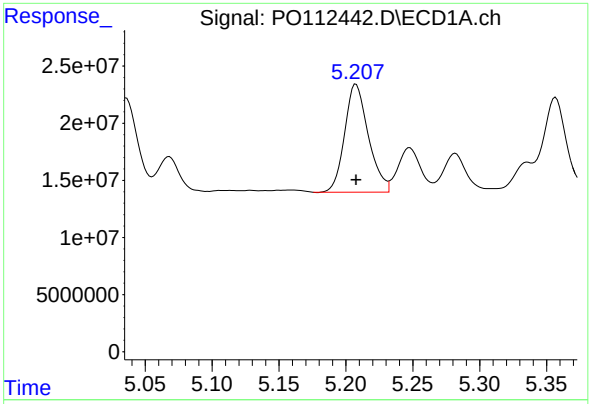
#6 AR-1016-4

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



#6 AR-1016-4

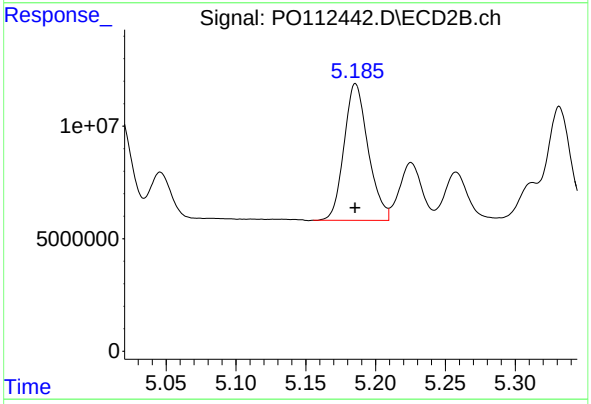
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 56111590
Conc: 505.12 ng/ml



#7 AR-1016-5

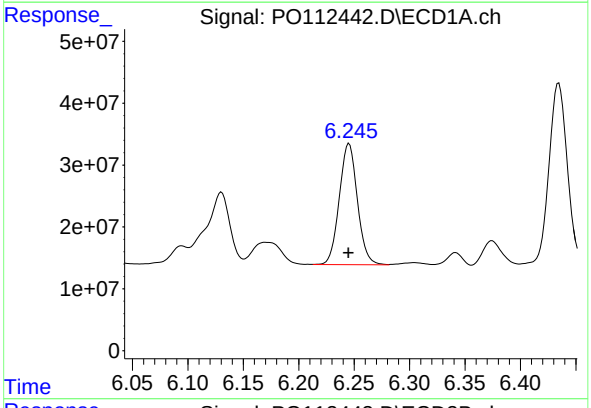
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 116873095
Conc: 532.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



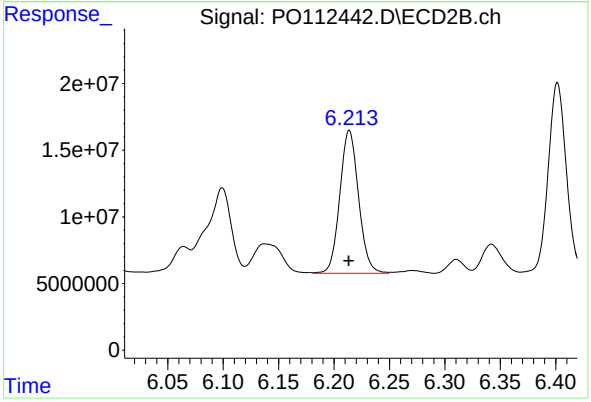
#7 AR-1016-5

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



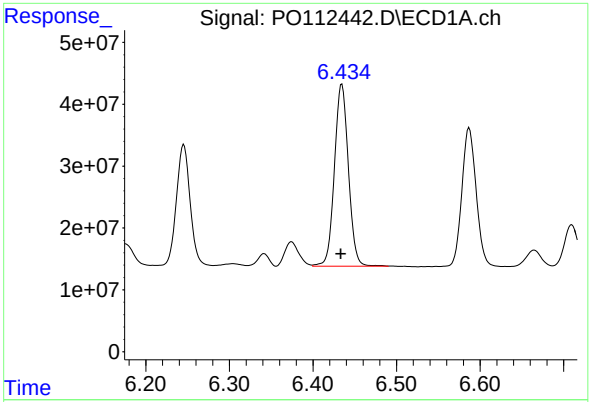
#31 AR-1260-1

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



#31 AR-1260-1

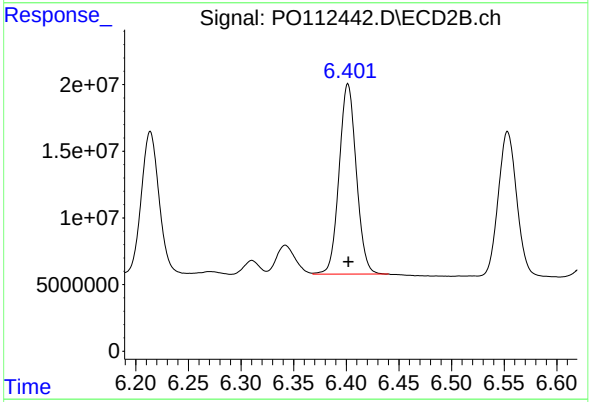
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 126128146
Conc: 507.54 ng/ml



#32 AR-1260-2

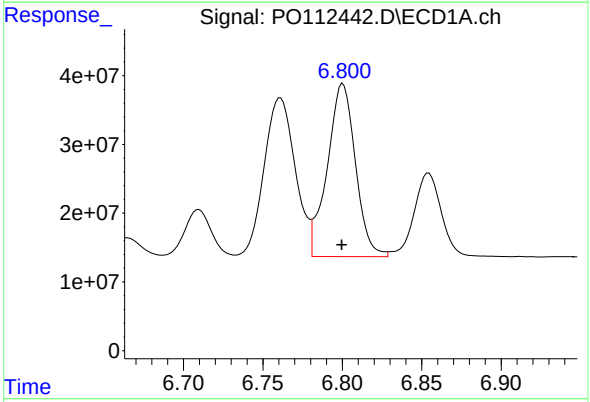
R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 342251594
Conc: 497.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



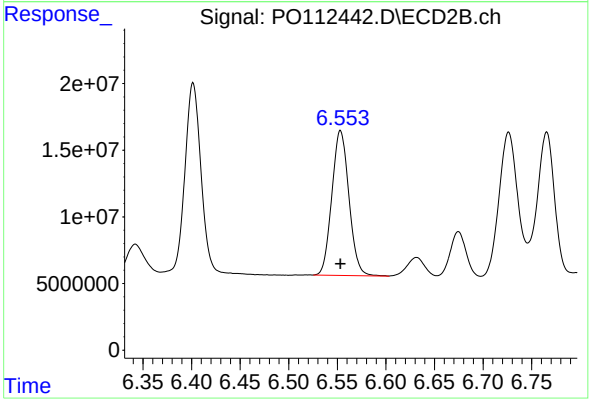
#32 AR-1260-2

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



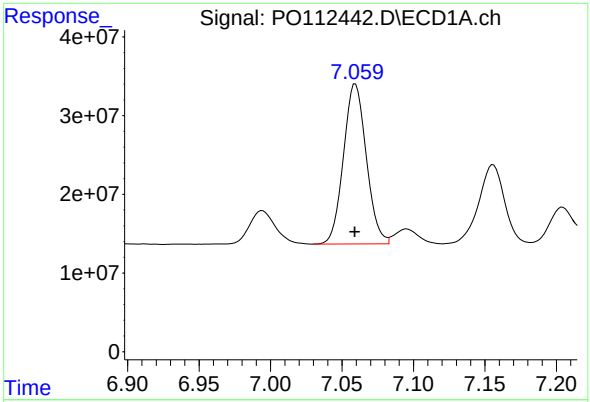
#33 AR-1260-3

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



#33 AR-1260-3

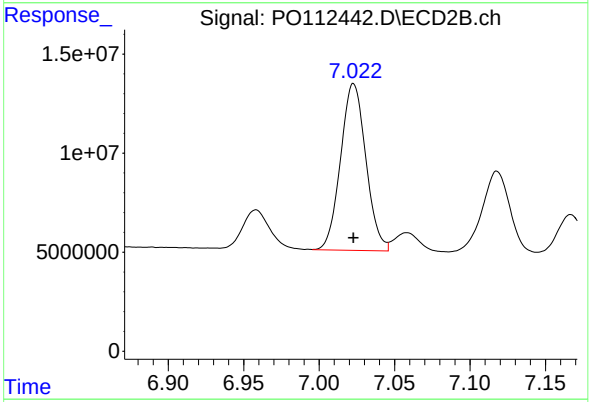
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 132981251
Conc: 517.60 ng/ml



#34 AR-1260-4

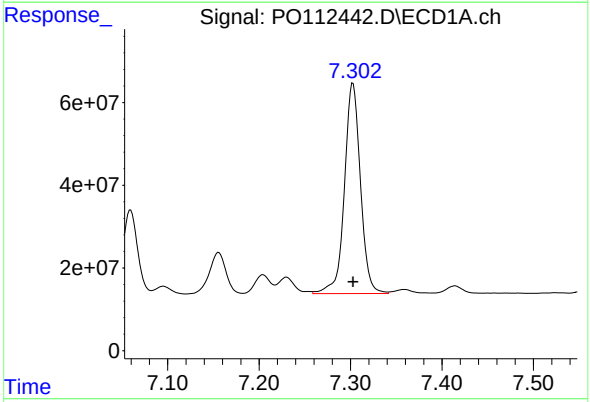
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 226325062
Conc: 501.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325



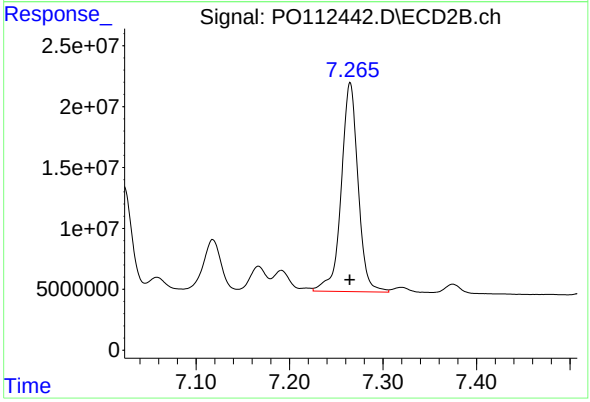
#34 AR-1260-4

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

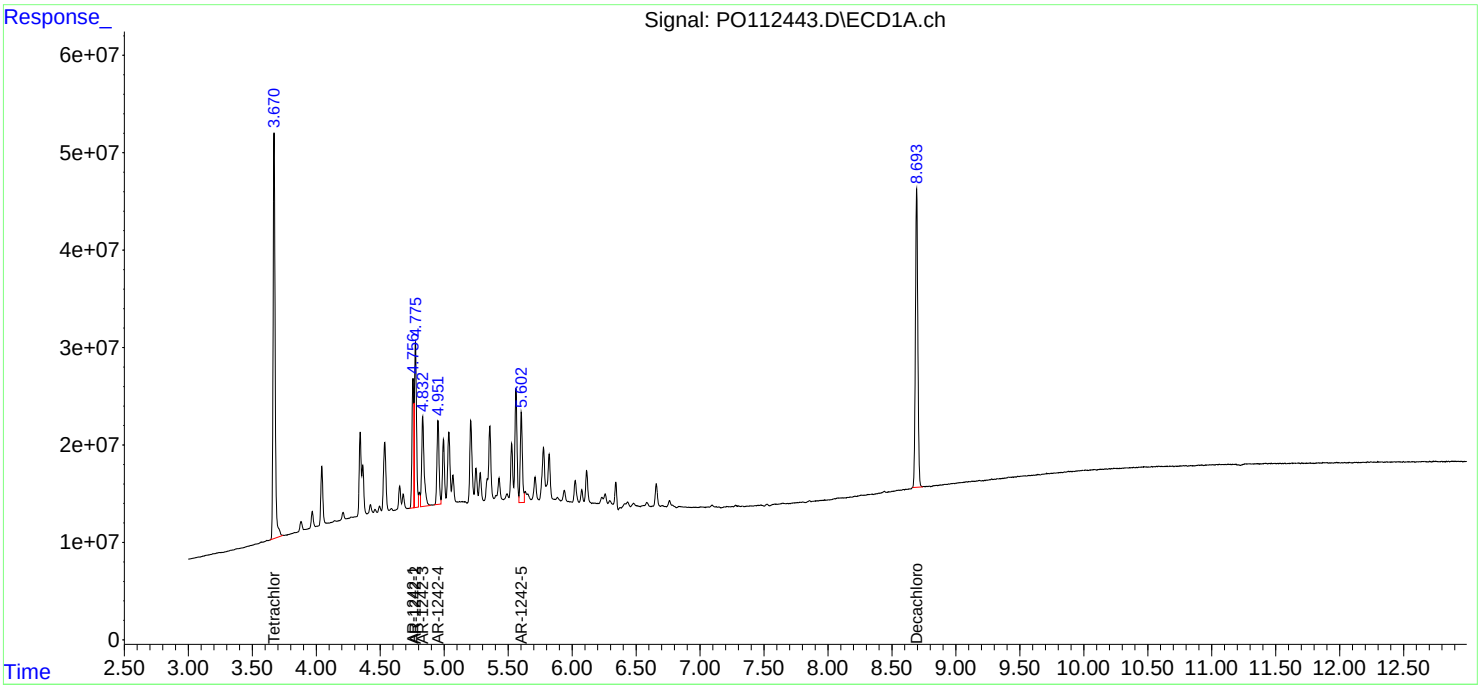
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

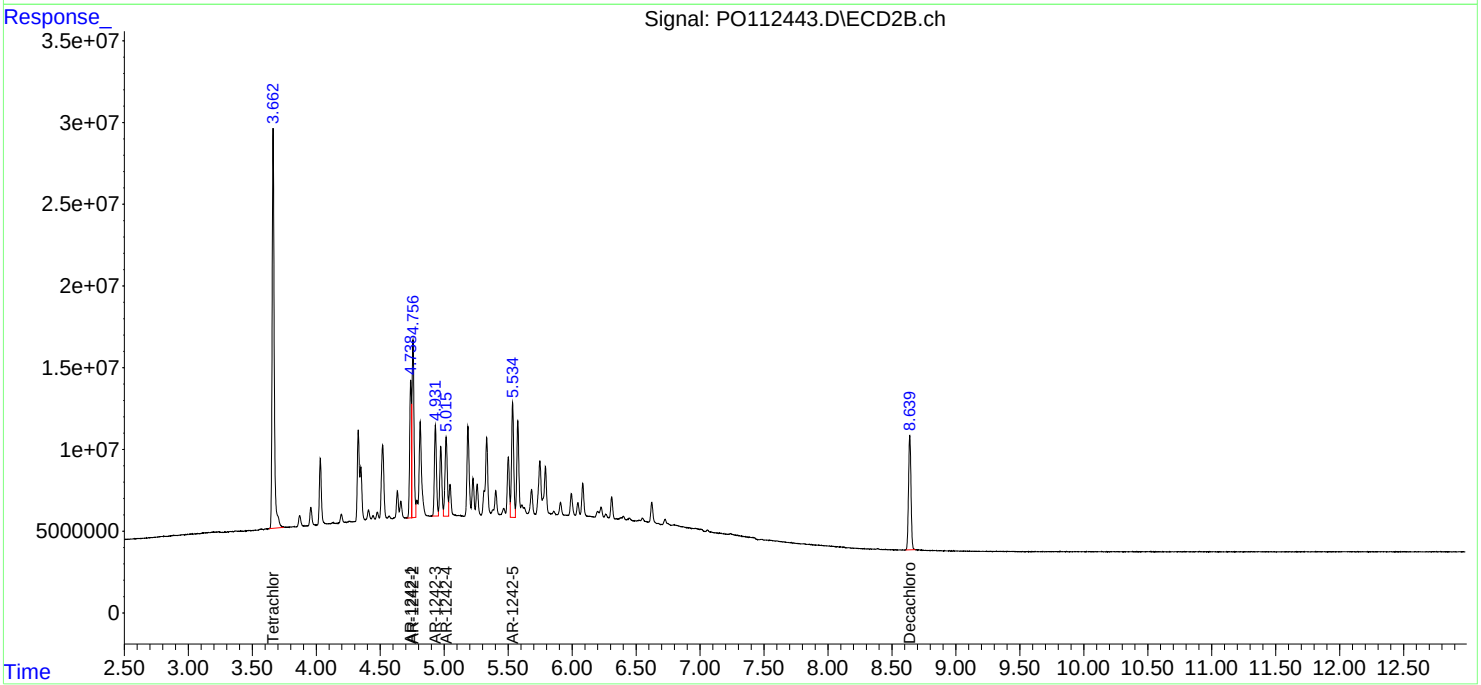
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 20:42
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

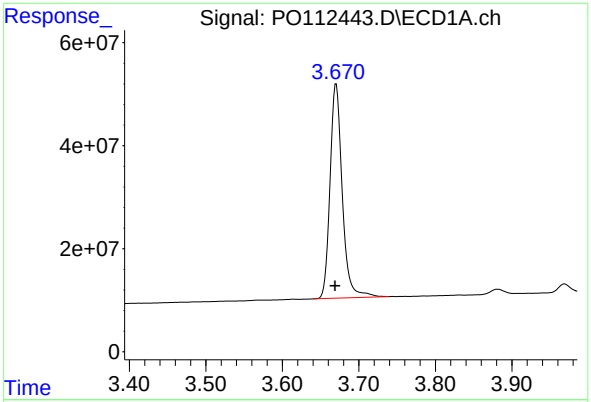
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242

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



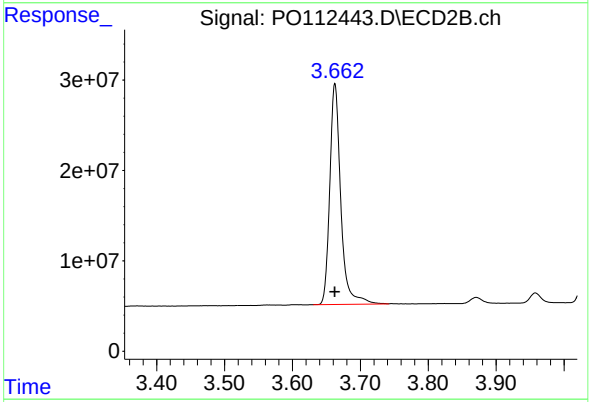




#1 Tetrachloro-m-xylene

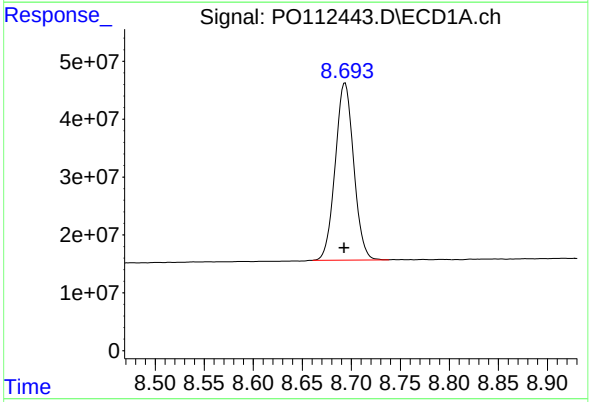
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 460660306
Conc: 56.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



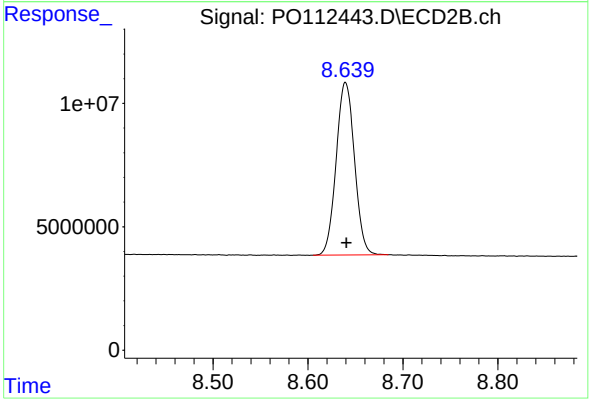
#1 Tetrachloro-m-xylene

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



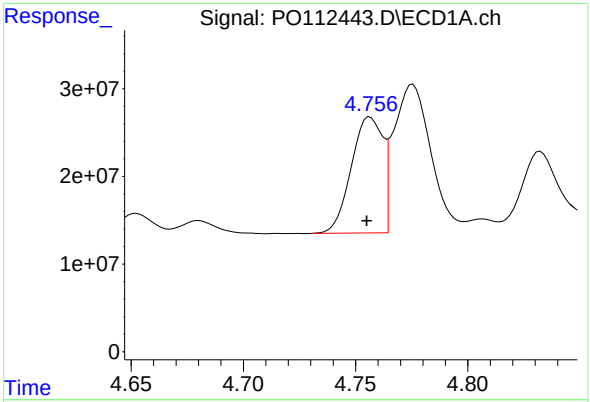
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

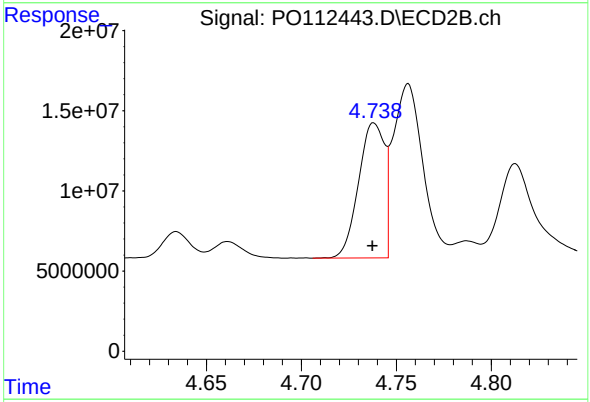
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 93838611
Conc: 53.10 ng/ml



#16 AR-1242-1

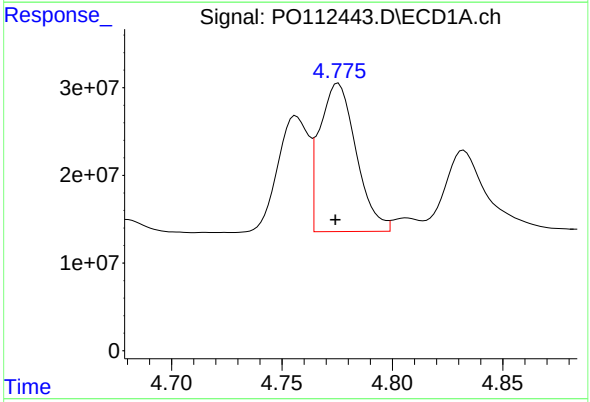
R.T.: 4.756 min
Delta R.T.: 0.001 min
Response: 129037672
Conc: 521.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



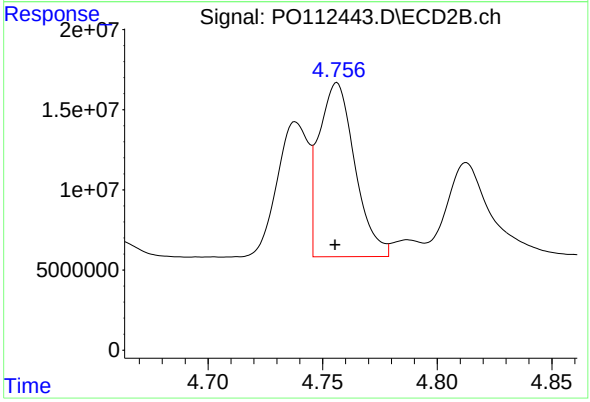
#16 AR-1242-1

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



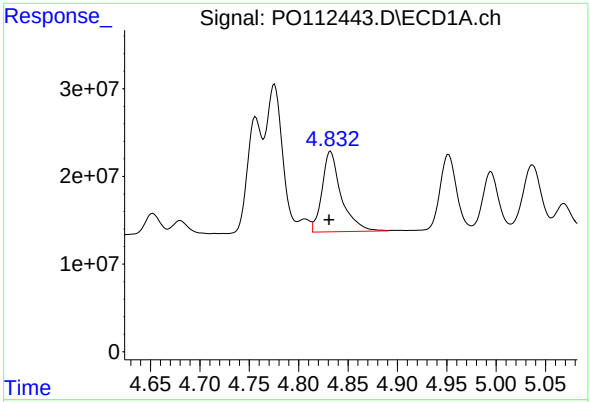
#17 AR-1242-2

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



#17 AR-1242-2

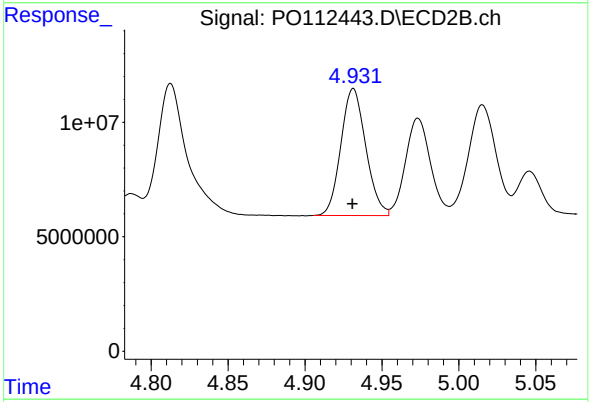
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 118575765
Conc: 507.46 ng/ml



#18 AR-1242-3

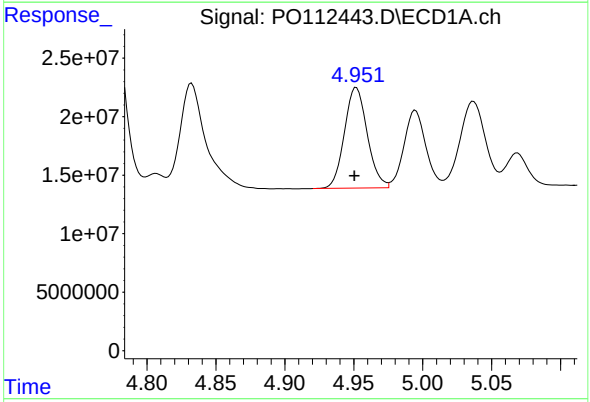
R.T.: 4.832 min
Delta R.T.: 0.002 min
Response: 123731413
Conc: 522.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1242



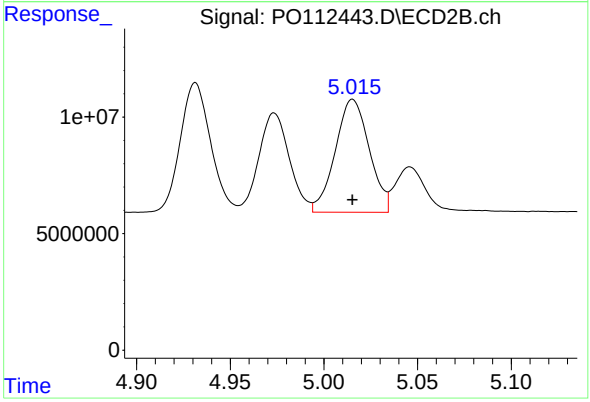
#18 AR-1242-3

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



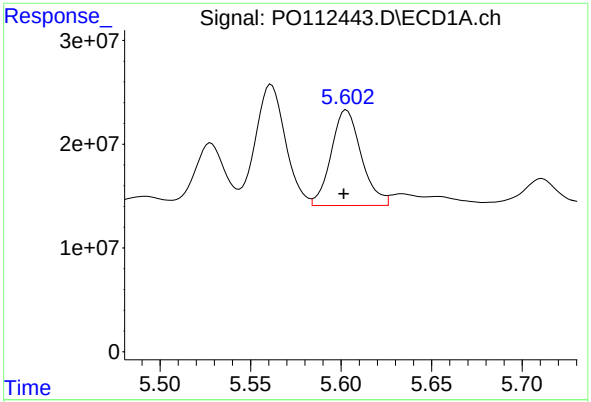
#19 AR-1242-4

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



#19 AR-1242-4

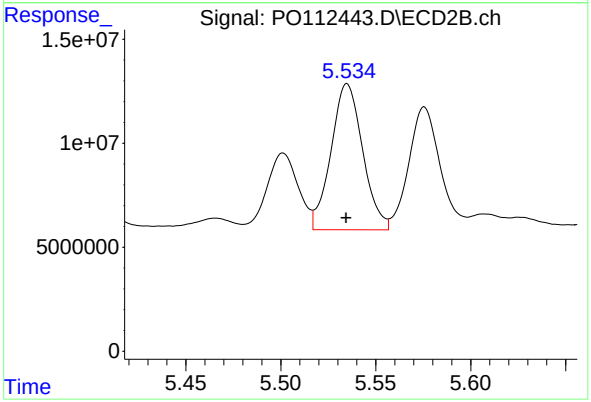
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 61266680
Conc: 499.16 ng/ml



#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.

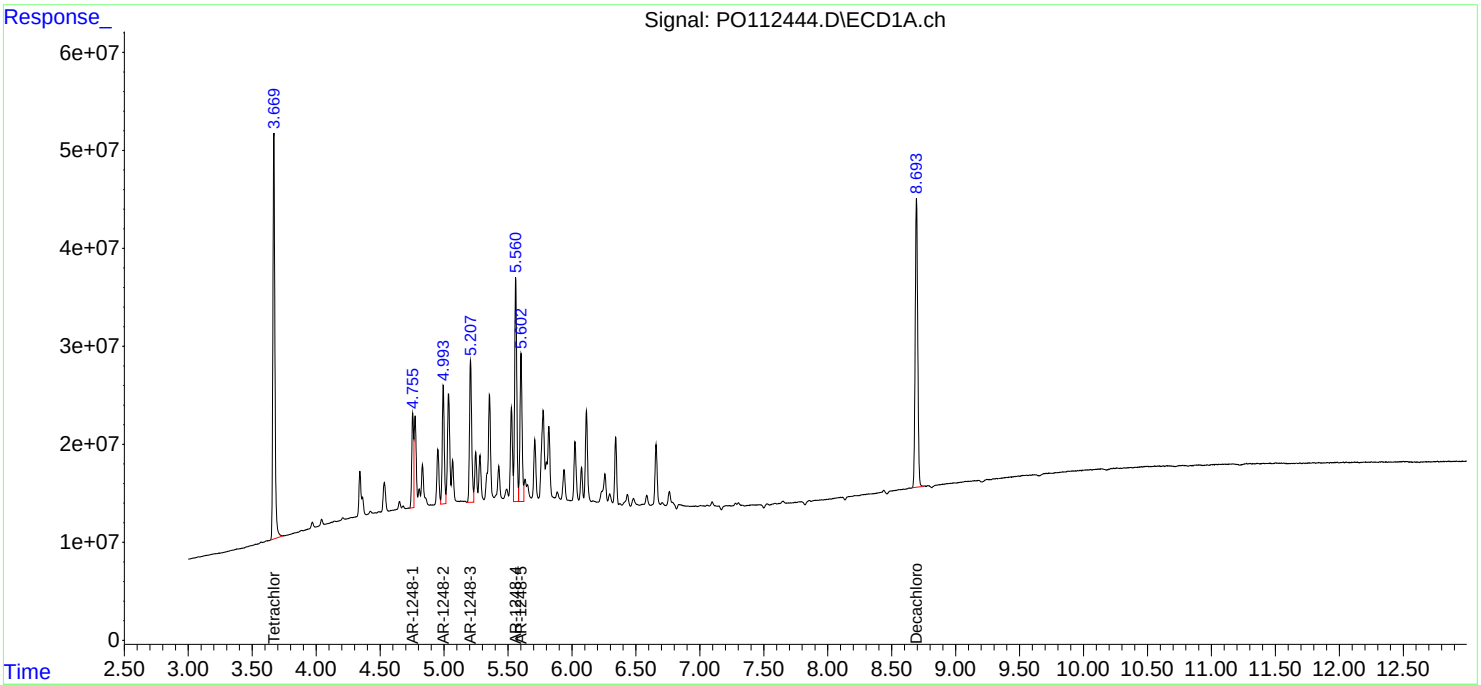
ICAL Form

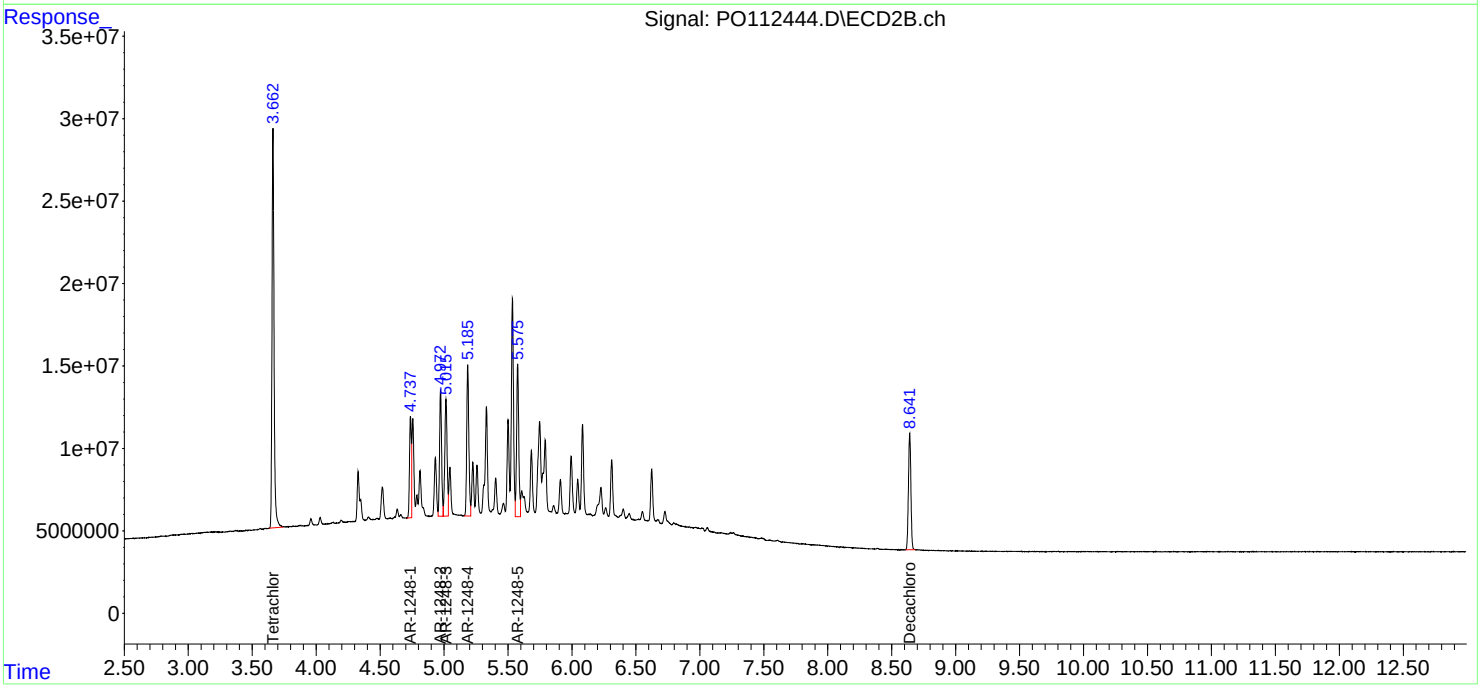
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:18
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

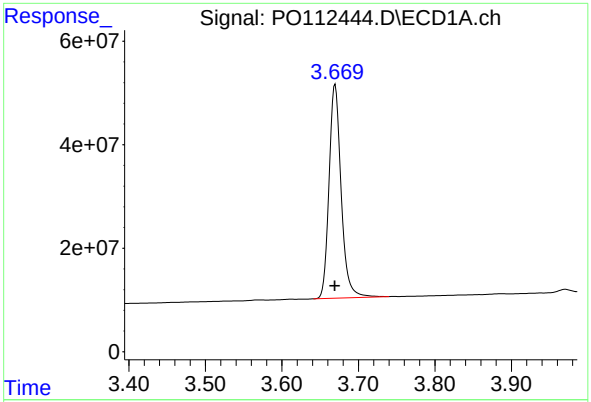
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248

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



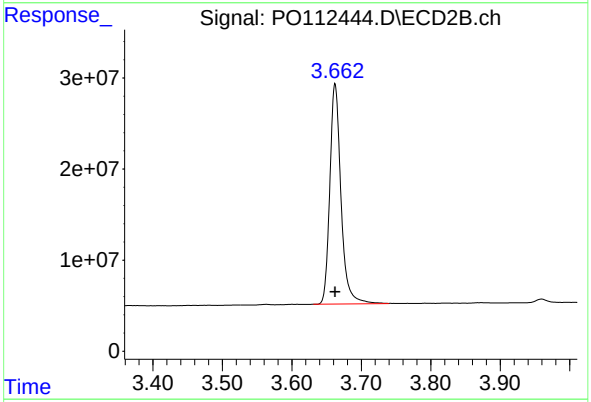




#1 Tetrachloro-m-xylene

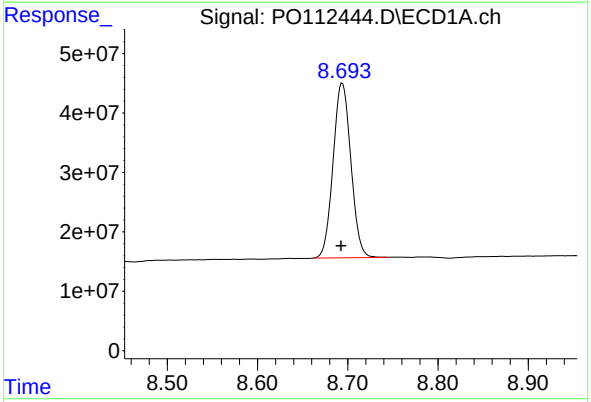
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 452237643
Conc: 55.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



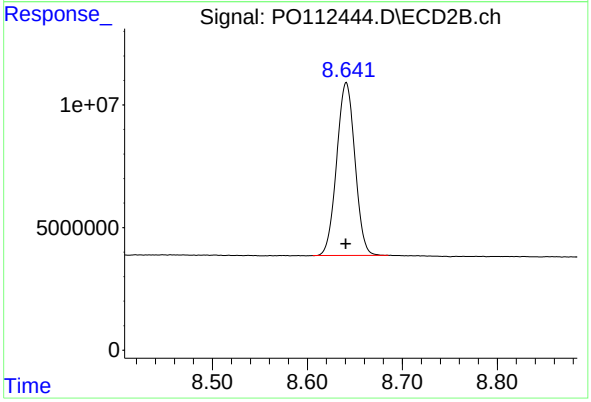
#1 Tetrachloro-m-xylene

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



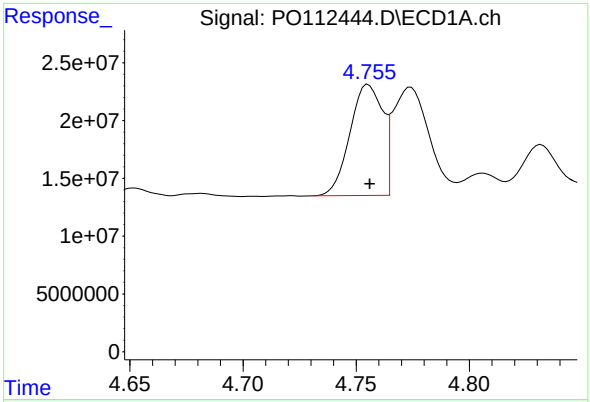
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

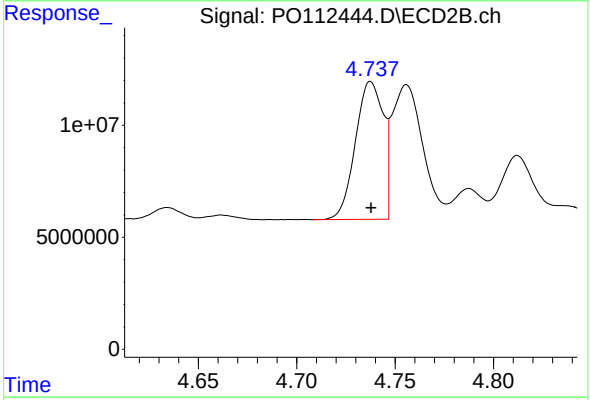
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 94089624
Conc: 53.24 ng/ml



#21 AR-1248-1

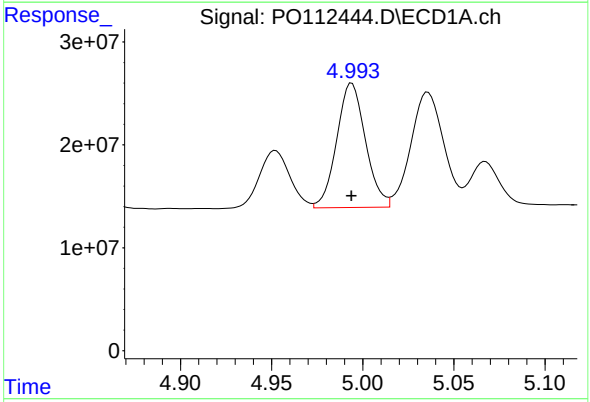
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 96403586
Conc: 514.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



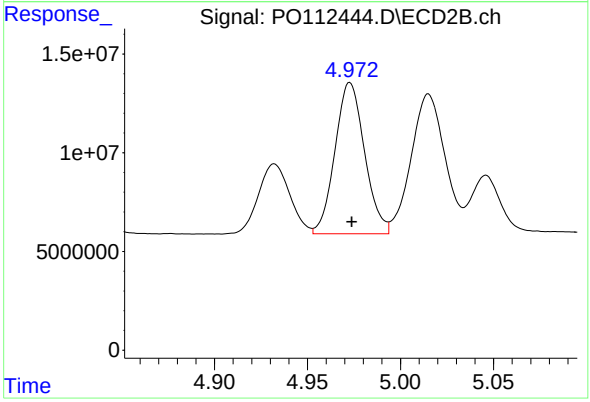
#21 AR-1248-1

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



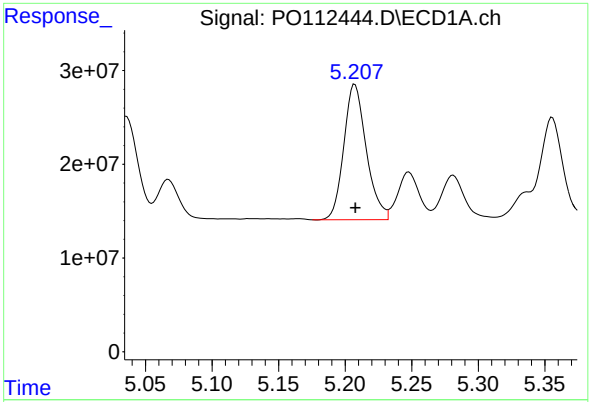
#22 AR-1248-2

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



#22 AR-1248-2

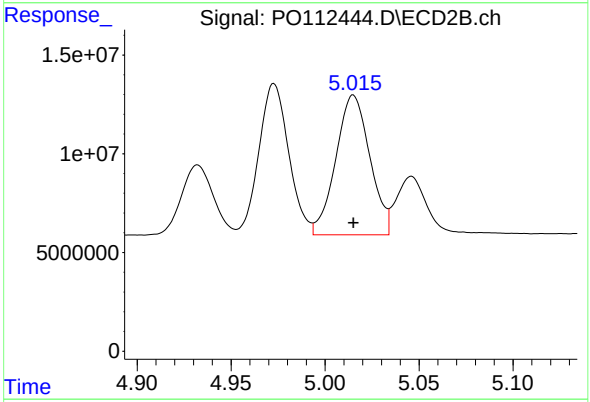
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 84845389
Conc: 501.21 ng/ml



#23 AR-1248-3

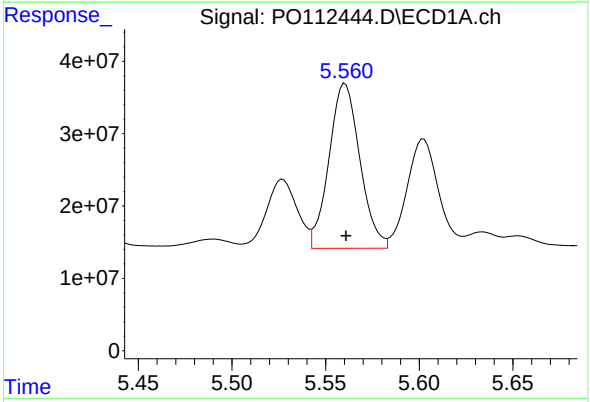
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 170003864
Conc: 494.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1248



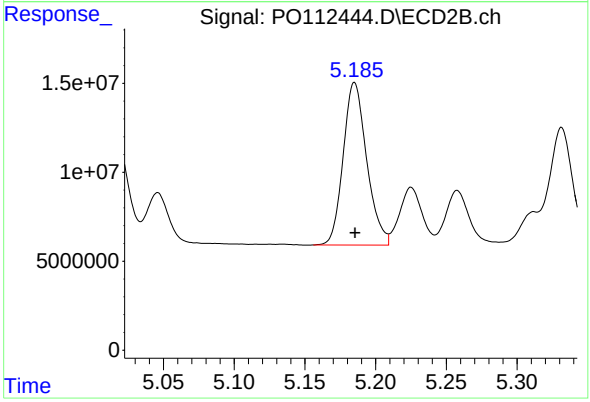
#23 AR-1248-3

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



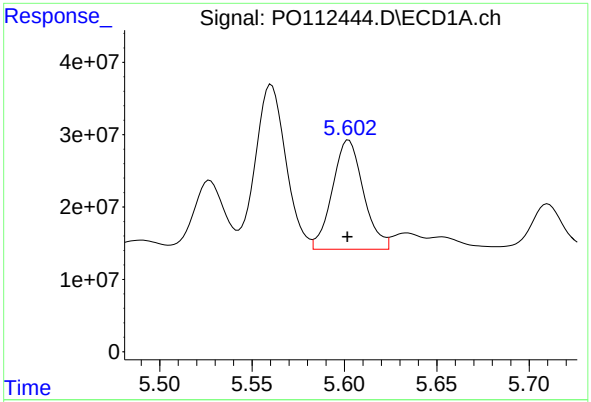
#24 AR-1248-4

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



#24 AR-1248-4

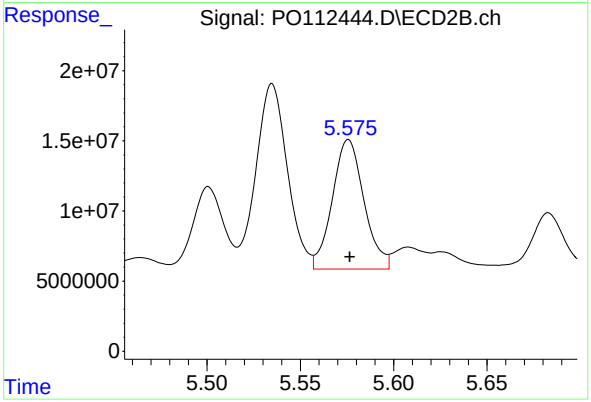
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 105836252
Conc: 507.96 ng/ml



#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.

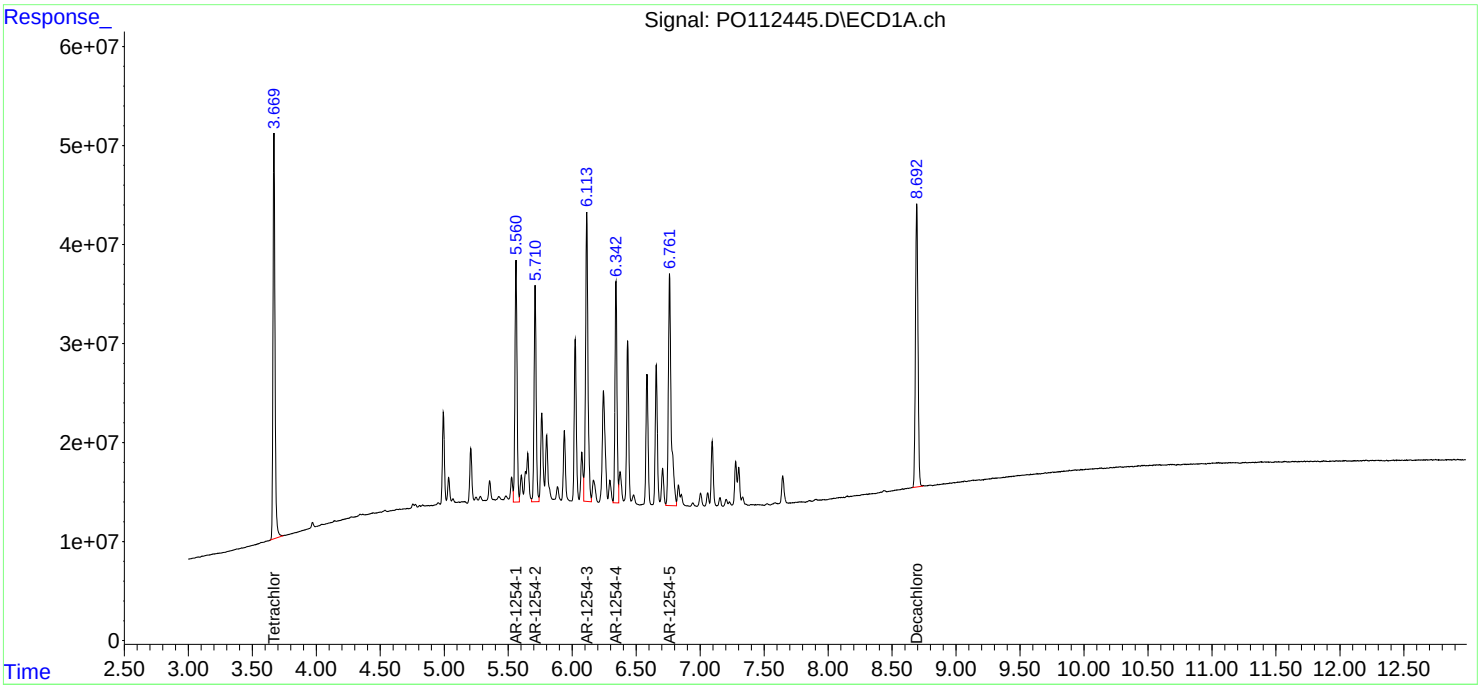
ICAL Form

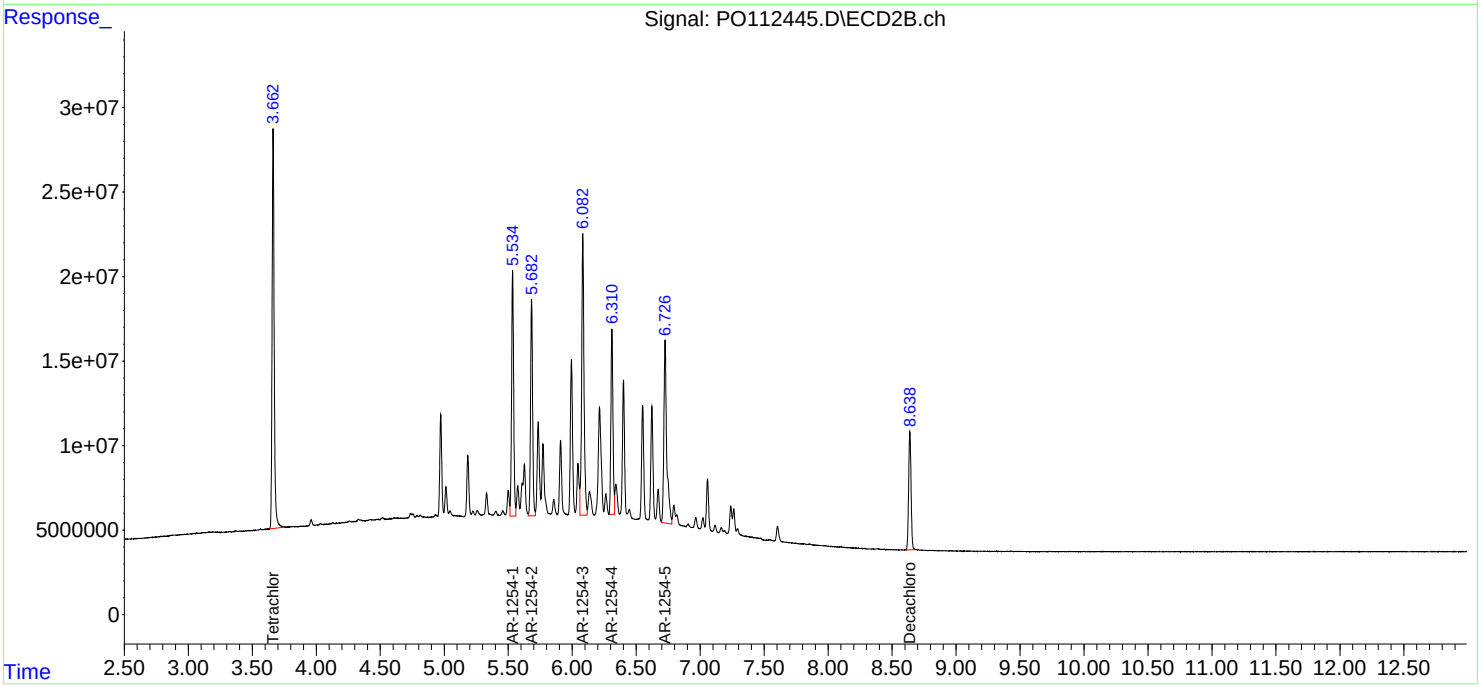
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 21:54
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

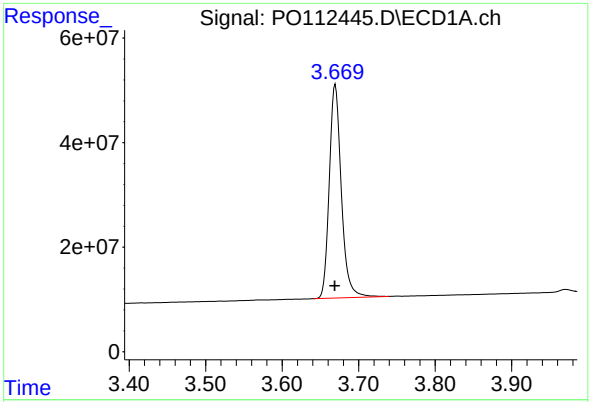
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254

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



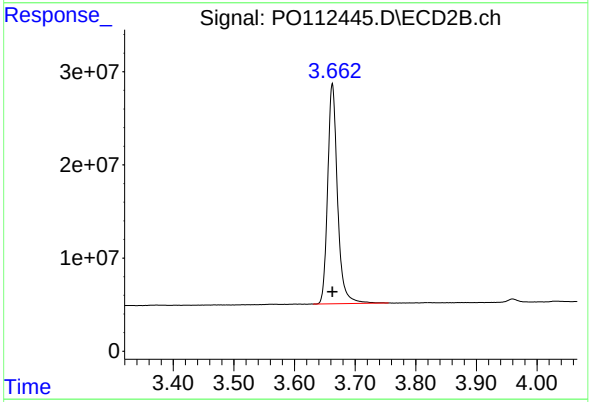




#1 Tetrachloro-m-xylene

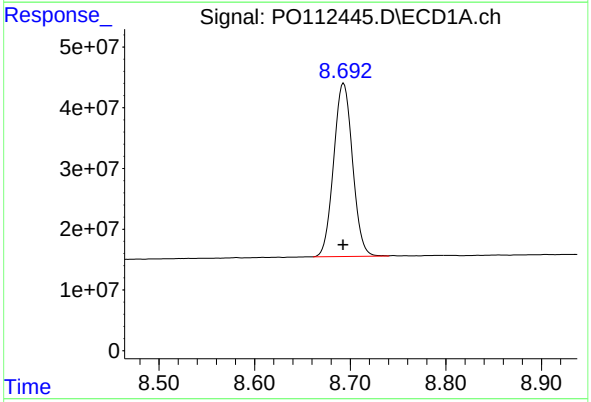
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 445431862
Conc: 54.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



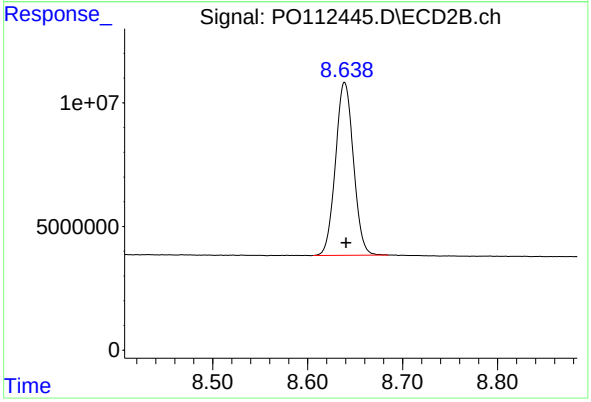
#1 Tetrachloro-m-xylene

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



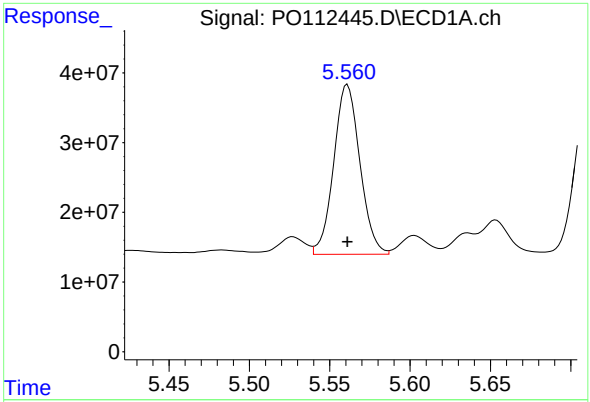
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

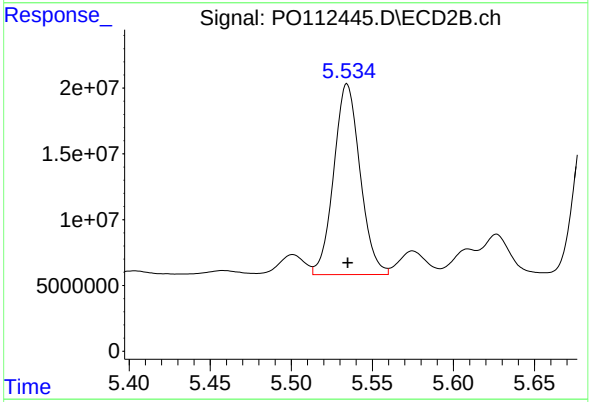
R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 91844886
Conc: 51.97 ng/ml



#26 AR-1254-1

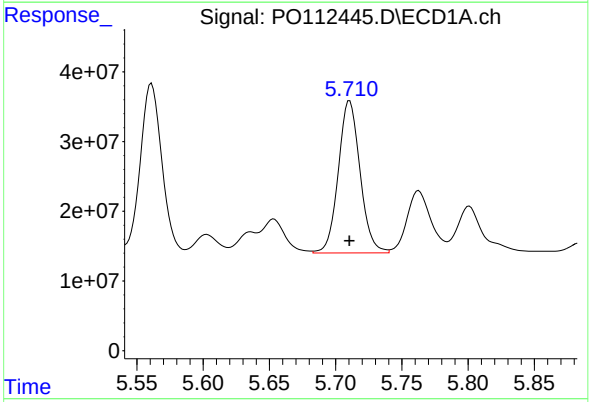
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 276290556
Conc: 503.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



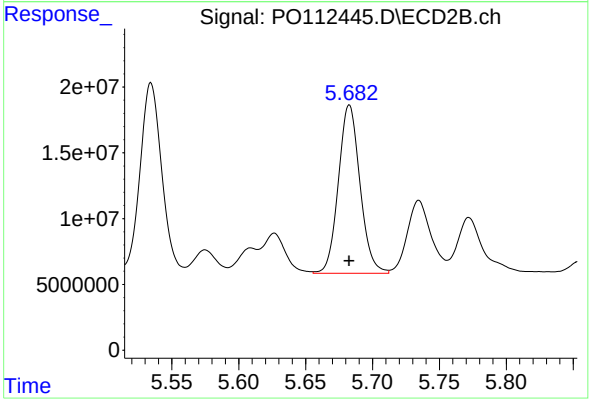
#26 AR-1254-1

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



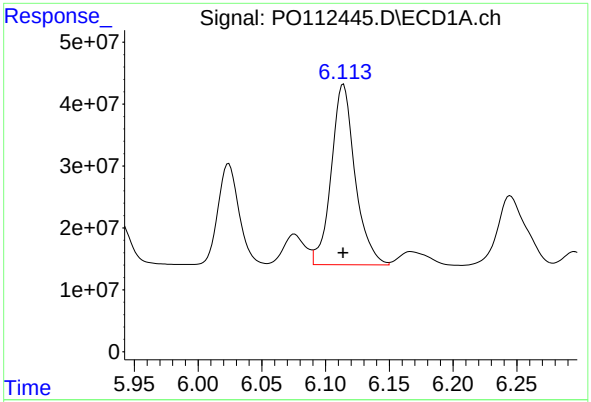
#27 AR-1254-2

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



#27 AR-1254-2

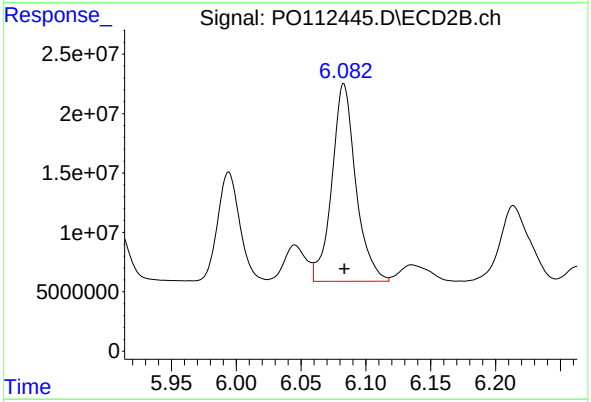
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 144278870
Conc: 498.39 ng/ml



#28 AR-1254-3

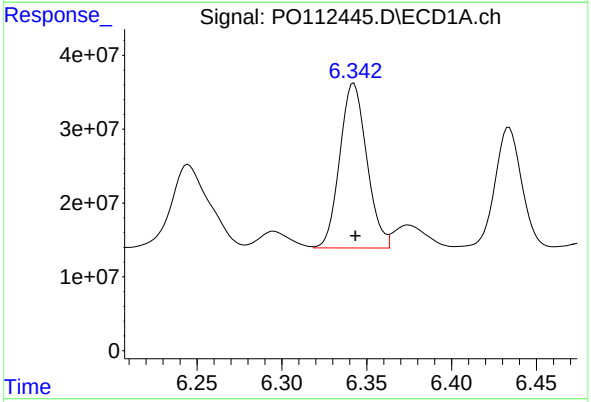
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 379525107
Conc: 509.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1254



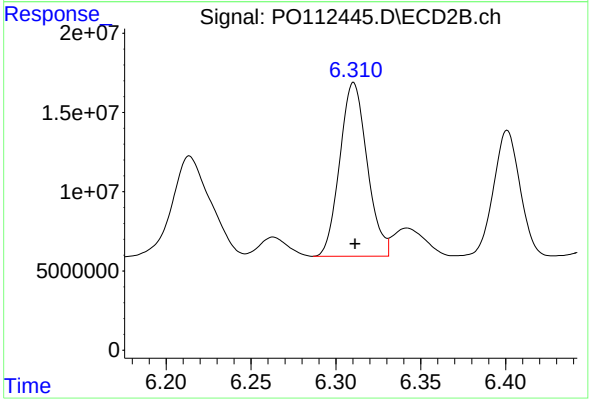
#28 AR-1254-3

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



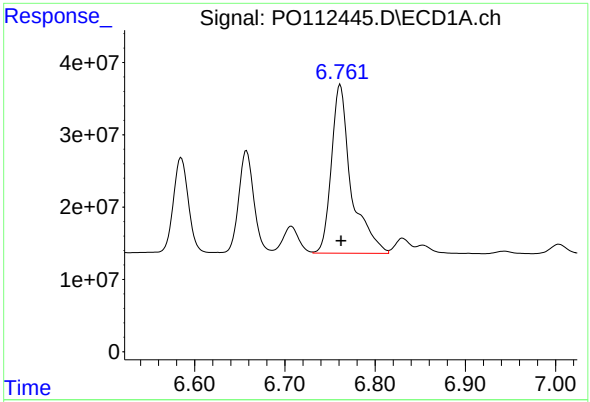
#29 AR-1254-4

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



#29 AR-1254-4

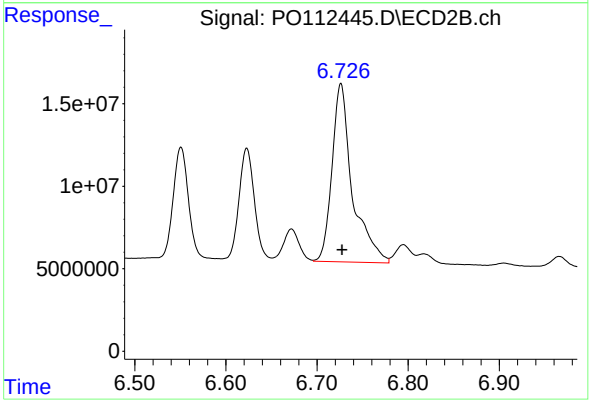
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 123092792
Conc: 450.95 ng/ml



#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.

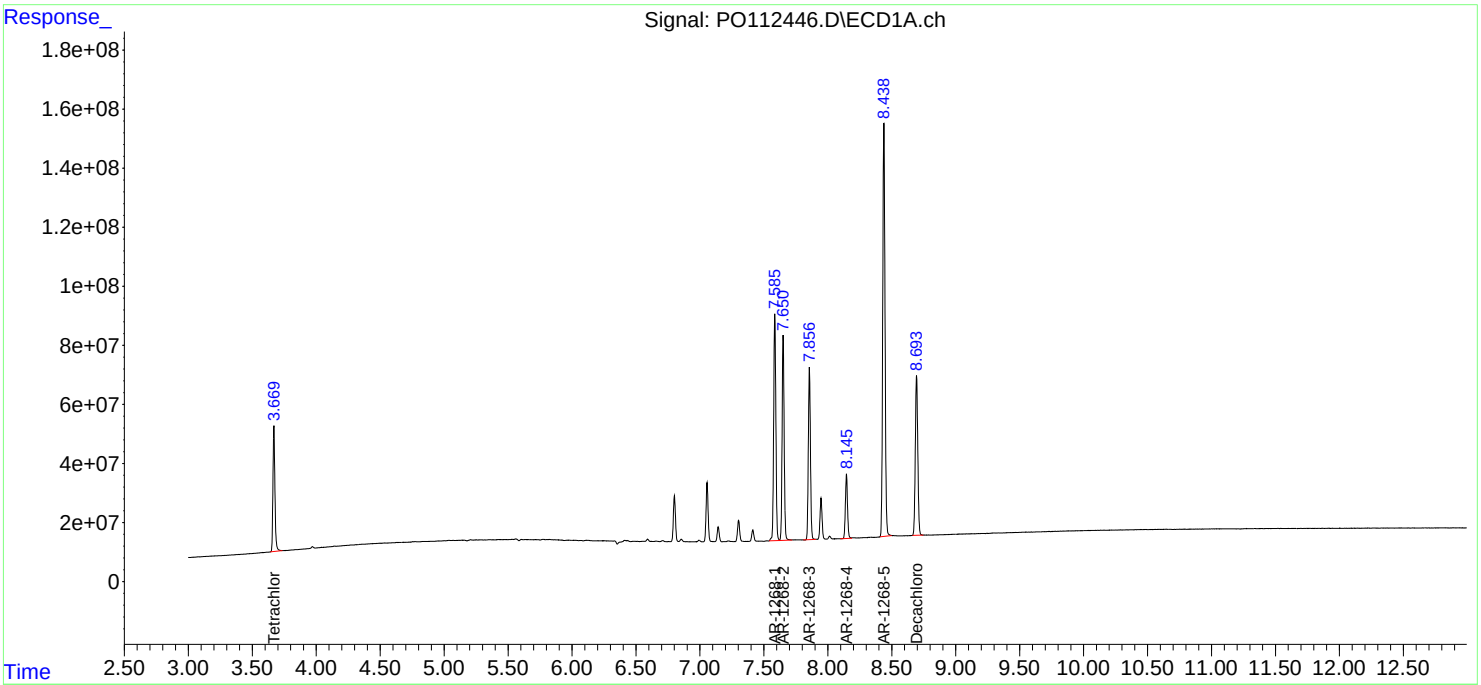
ICAL Form

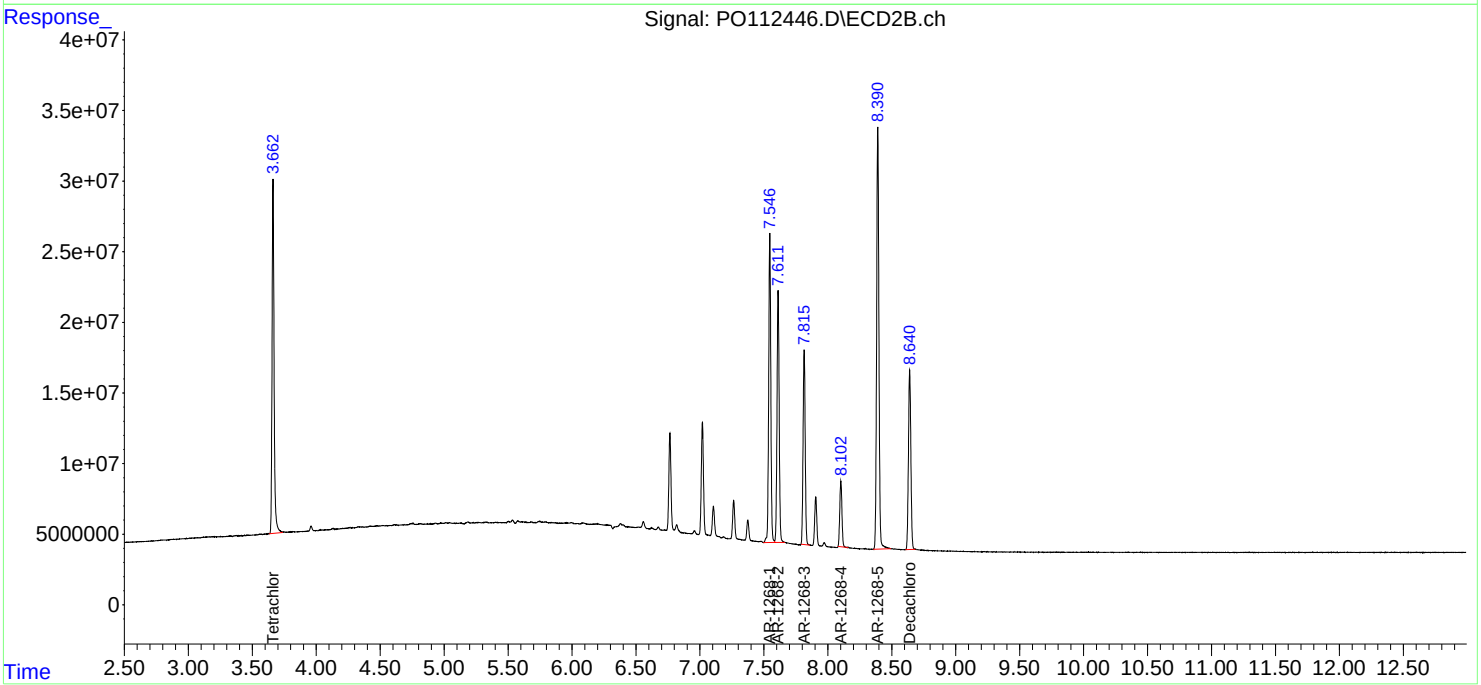
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 22:31
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

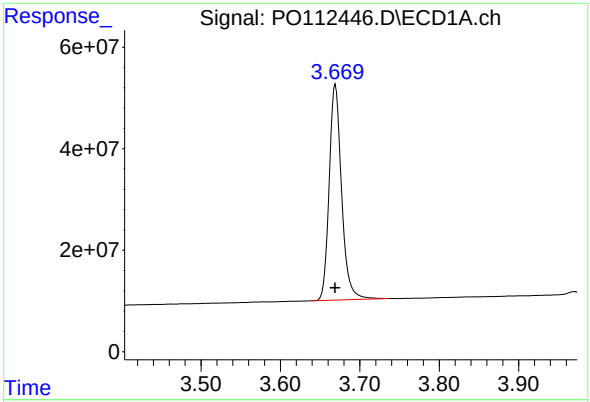
Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268

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



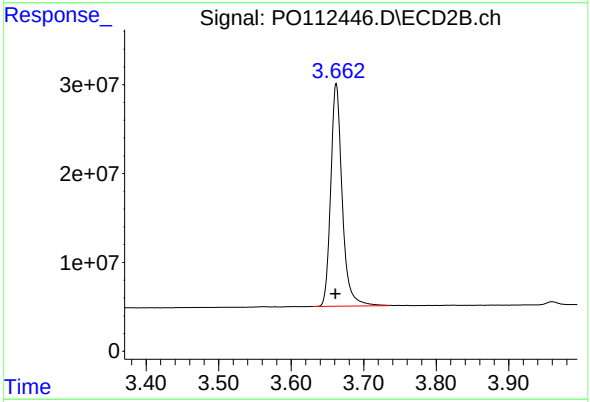




#1 Tetrachloro-m-xylene

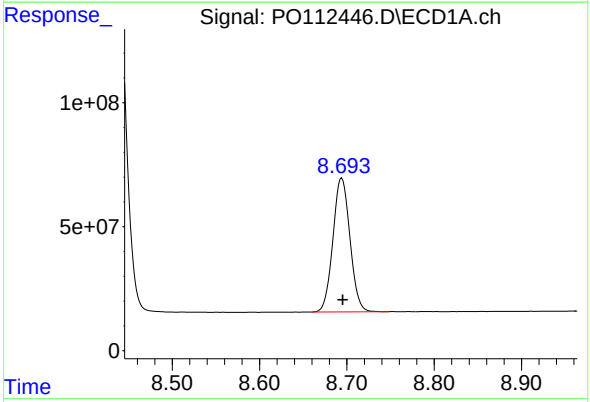
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 460923763
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



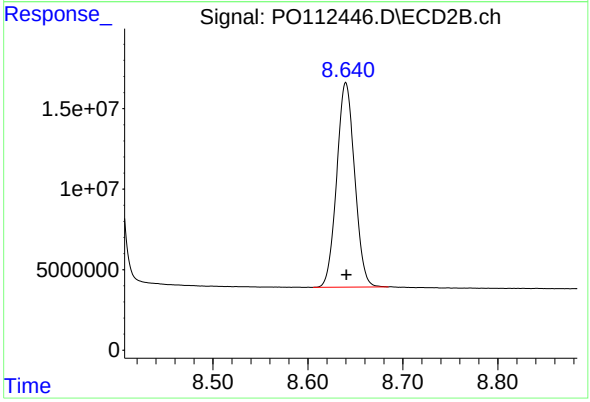
#1 Tetrachloro-m-xylene

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



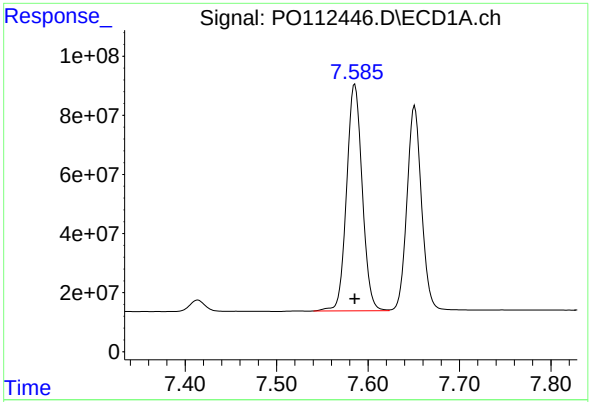
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

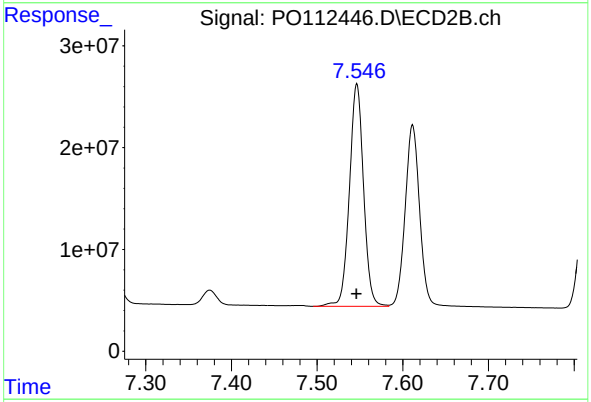
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 166747338
Conc: 51.83 ng/ml



#41 AR-1268-1

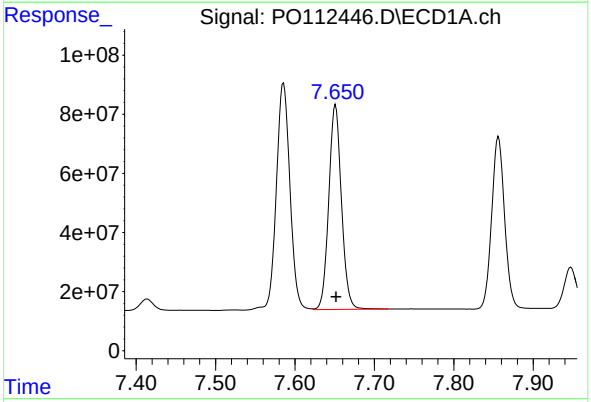
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 910320699
Conc: 519.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



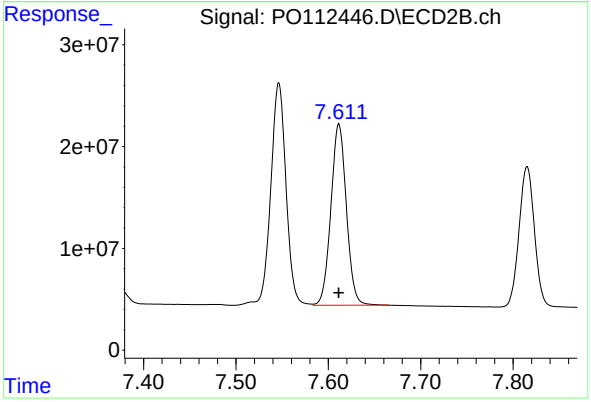
#41 AR-1268-1

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



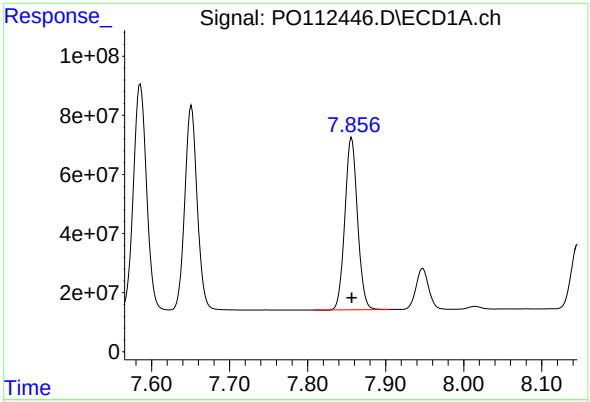
#42 AR-1268-2

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



#42 AR-1268-2

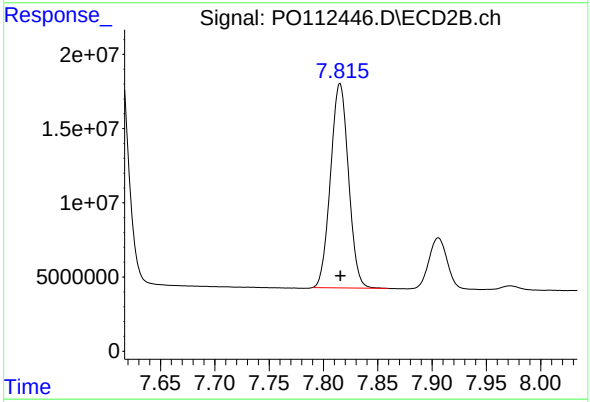
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 207176092
Conc: 487.40 ng/ml



#43 AR-1268-3

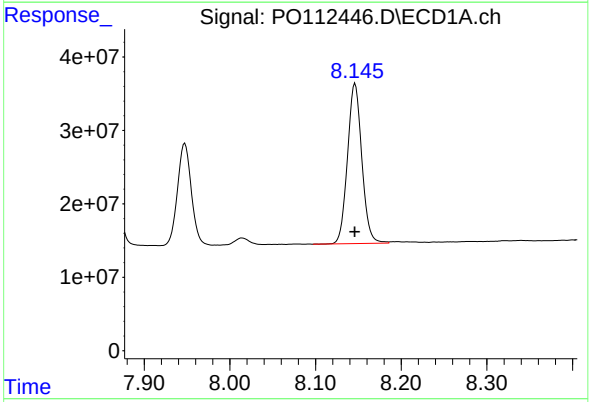
R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 656231584
Conc: 524.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO072325AR1268



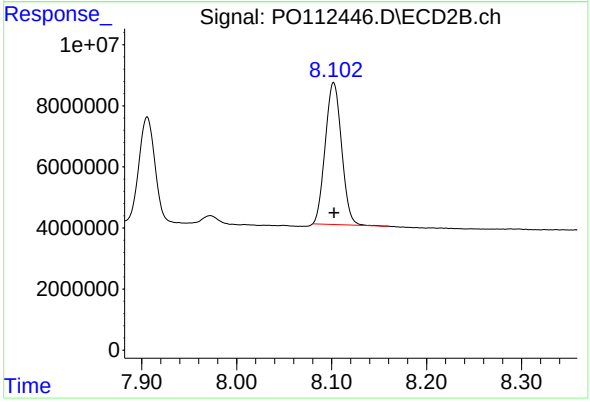
#43 AR-1268-3

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



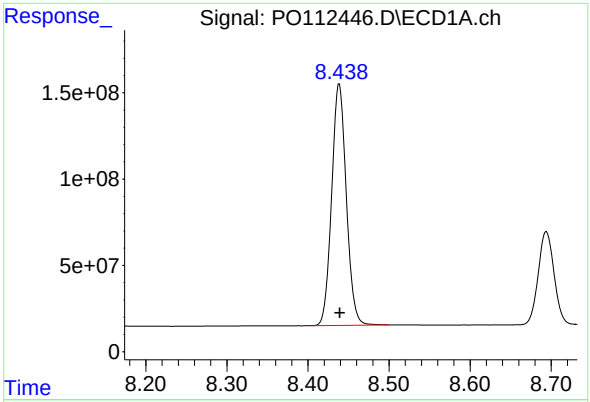
#44 AR-1268-4

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



#44 AR-1268-4

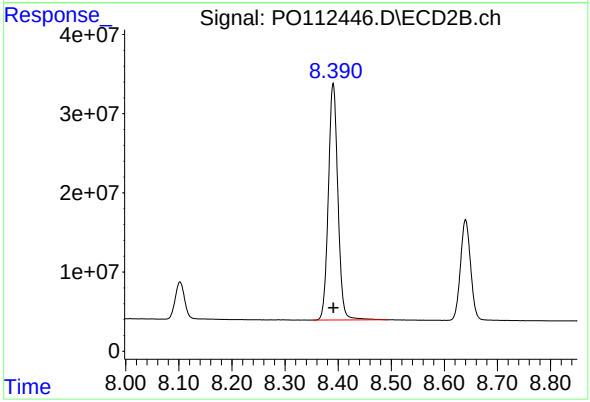
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 55462942
Conc: 498.34 ng/ml



#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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

Calibration Times: 12:05 20:28

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

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D

RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.84	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1016-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.29	6.29	6.29	6.28	6.29	6.29	6.19	6.39
Aroclor-1260-1	(1)	7.40	7.41	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.66	7.66	7.66	7.65	7.66	7.66	7.56	7.76
Aroclor-1260-3	(3)	8.01	8.02	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.84	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.90	5.89	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.43	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.43	10.43	10.43	10.43	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

Calibration Times: 12:05 20:28

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

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D

RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.91	4.90	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.97	4.97	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.09	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.13	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1260-1	(1)	6.56	6.55	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-3	(3)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Aroclor-1260-4	(4)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Aroclor-1260-5	(5)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene		3.81	3.80	3.81	3.81	3.80	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.91	4.90	4.91	4.91	4.90	4.91	4.81	5.01
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.17	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		8.83	8.82	8.83	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.81	3.81	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-2	(2)	5.84	5.84	5.83	5.83	5.84	5.84	5.74	5.94
Aroclor-1254-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.81	3.80	3.80	3.80	3.80	3.80	3.70	3.90

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: FIRS02
SDG NO.: Q2819
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D
CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	35273925	37423669	39112938	43859036	50614460	41256806	14
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729	13
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513	14
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474	12
Aroclor-1016-5	(5)	27690329	29450228	31441930	35606544	38151200	32468046	13
Aroclor-1260-1	(1)	47709498	50888675	54142460	59119820	69919860	56356063	15
Aroclor-1260-2	(2)	56508230	60166887	63913596	71401348	88771760	68152364	18
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931	14
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975	13
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909	14
Decachlorobiphenyl		852434670	894679120	940440840	1016872040	1151380600	971161454	12
Tetrachloro-m-xylene		994587660	1038636867	1076051520	1154524400	1327726000	1118305289	12
Aroclor-1242-1	(1)	31512428	33419607	35918512	39696020	45782500	37265813	14
Aroclor-1242-2	(2)	47421171	49356251	53063334	57890692	64313200	54408930	12
Aroclor-1242-3	(3)	30290298	32076312	34724744	38188808	43399140	35735860	14
Aroclor-1242-4	(4)	25177060	26633319	28691812	30950152	34640880	29218645	12
Aroclor-1242-5	(5)	29128304	32087727	34406488	38696772	43470800	35558018	15
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149	13
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517	11
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044	5
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558	10
Aroclor-1254-3	(3)	76495408	79340601	84479860	93420496	102844700	87316213	12
Aroclor-1254-4	(4)	57834344	59926583	63428804	69599176	68258480	63809477	8
Aroclor-1254-5	(5)	73335985	76078215	80654566	88040632	87614400	81144760	8
Decachlorobiphenyl		901613940	929059080	979122040	1057269880	1005303000	974473588	6
Tetrachloro-m-xylene		1055318110	1070331613	1114290760	1189360720	1187072000	1123274641	6

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

Calibration Times: 12:05 20:28

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

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D

CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	401748995	398824608	399912360	403735356	390215520	398887368	1
Aroclor-1016-2	(2)	186854426	192495525	187577416	198284052	173833620	187809008	5
Aroclor-1016-3	(3)	104048217	106580327	106062448	114925596	98731580	106069634	5
Aroclor-1016-4	(4)	102945349	106576167	111089380	109624088	115865320	109220061	4
Aroclor-1016-5	(5)	116097268	118066511	118643196	118883084	113126240	116963260	2
Aroclor-1260-1	(1)	398303416	397444124	405725820	438106428	380206020	403957162	5
Aroclor-1260-2	(2)	301304557	308158192	308266150	305734868	340030740	312698901	5
Aroclor-1260-3	(3)	408378449	417603121	404068616	383320072	357221180	394118288	6
Aroclor-1260-4	(4)	295359710	299954812	306136602	280781712	272663920	290979351	4
Aroclor-1260-5	(5)	811772813	805780147	794112086	732491376	642892660	757409816	9
Decachlorobiphenyl		6091085760	6145498480	6064775080	5991469080	5775302800	6013626240	2
Tetrachloro-m-xylene		4204747790	4209506627	3997167900	3658659200	3102045200	3834425343	12
Aroclor-1242-1	(1)	341272725	348537165	356175586	358260688	321457320	345140697	4
Aroclor-1242-2	(2)	162660327	171629959	165033416	168697644	148866940	163377657	5
Aroclor-1242-3	(3)	93075141	96957855	92088854	97223352	81897380	92248516	6
Aroclor-1242-4	(4)	117292839	116784915	126377070	120581608	116071680	119421622	3
Aroclor-1242-5	(5)	140731652	152438257	148354640	155481924	150793560	149560007	4
Decachlorobiphenyl		6182103300	6198353267	6343202860	6254049920	5638925600	6123326989	5
Tetrachloro-m-xylene		4380731720	4319851627	4244718880	3977934440	3138312200	4012309773	13
Aroclor-1254-1	(1)	384557283	361450625	385081202	377494716	322325960	366181957	7
Aroclor-1254-2	(2)	284389782	276601852	284135592	290728916	255228600	278216948	5
Aroclor-1254-3	(3)	520239168	520693099	508814756	526662268	369647720	489211402	13
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334	10
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105	12
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401	10
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267	20

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.86	4.76	4.96	16763600
		2	4.94	4.84	5.04	12601100
		3	5.02	4.92	5.12	36635200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	29037400
		2	5.55	5.45	5.65	15042700
		3	5.83	5.73	5.93	29001800
		4	5.99	5.89	6.09	15468800
		5	6.08	5.98	6.18	11716000
Aroclor-1248	500	1	5.81	5.71	5.91	28382600
		2	6.08	5.98	6.18	40187600
		3	6.28	6.18	6.38	44640800
		4	6.68	6.58	6.78	51582200
		5	6.72	6.62	6.82	53240200
Aroclor-1262	500	1	8.24	8.14	8.34	75789600
		2	8.56	8.46	8.66	130430000
		3	8.89	8.79	8.99	94070800
		4	8.97	8.87	9.07	72851600
		5	9.65	9.55	9.75	50922600
Aroclor-1268	500	1	8.88	8.78	8.98	158028000
		2	8.98	8.88	9.08	146028000
		3	9.22	9.12	9.32	121402000
		4	9.64	9.54	9.74	59648200
		5	10.08	9.98	10.18	357940000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.02	3.92	4.12	49085200
		2	4.10	4.00	4.20	35889400
		3	4.18	4.08	4.28	135225000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.18	4.08	4.28	101362000
		2	4.90	4.80	5.00	174266000
		3	5.08	4.98	5.18	45816600
		4	5.16	5.06	5.26	58010800
		5	5.34	5.24	5.44	46979400
Aroclor-1248	500	1	4.90	4.80	5.00	223628000
		2	5.12	5.02	5.22	147770000
		3	5.16	5.06	5.26	179546000
		4	5.34	5.24	5.44	167057000
		5	5.73	5.63	5.83	302782000
Aroclor-1262	500	1	6.92	6.82	7.02	563142000
		2	7.18	7.08	7.28	401024000
		3	7.70	7.60	7.80	359470000
		4	7.76	7.66	7.86	666922000
		5	8.26	8.16	8.36	283268000
Aroclor-1268	500	1	7.70	7.60	7.80	1169220000
		2	7.76	7.66	7.86	1148130000
		3	7.97	7.87	8.07	891866000
		4	8.26	8.16	8.36	329470000
		5	8.56	8.46	8.66	2772300000

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.

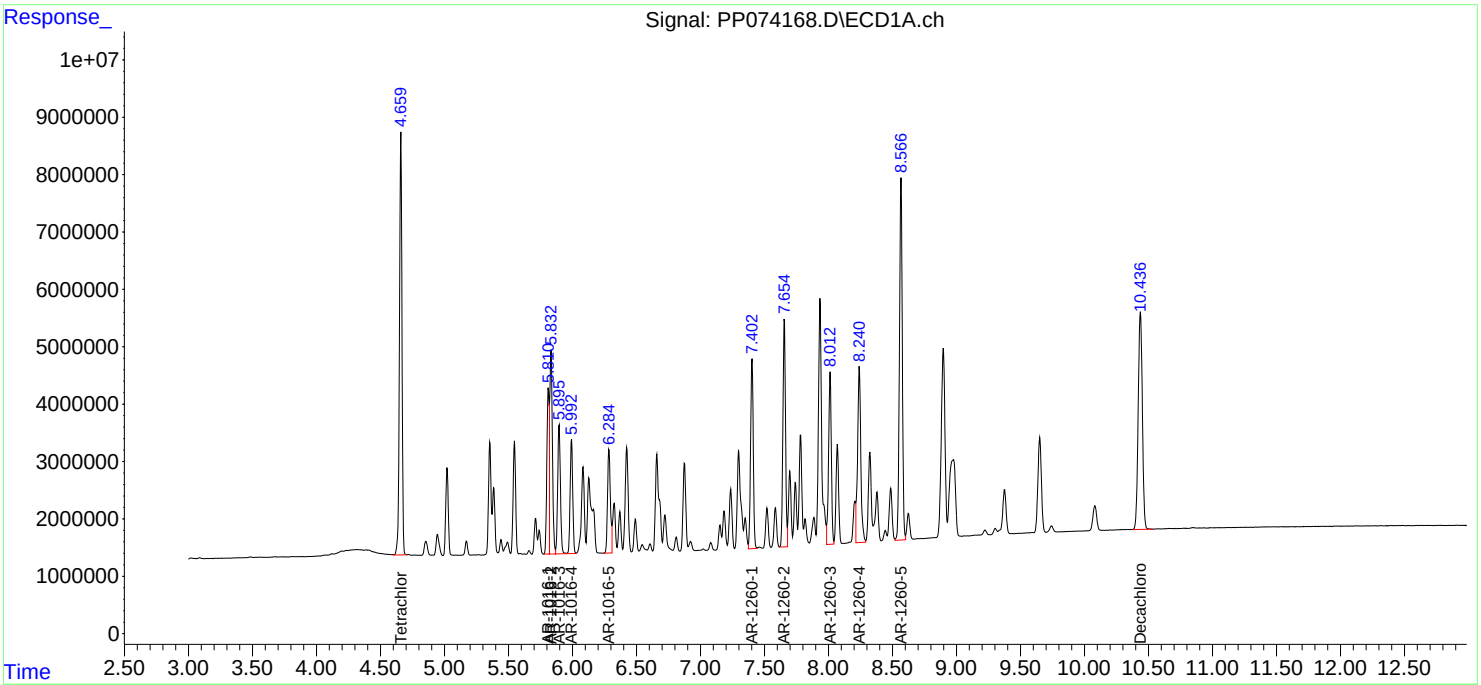
ICAL Form

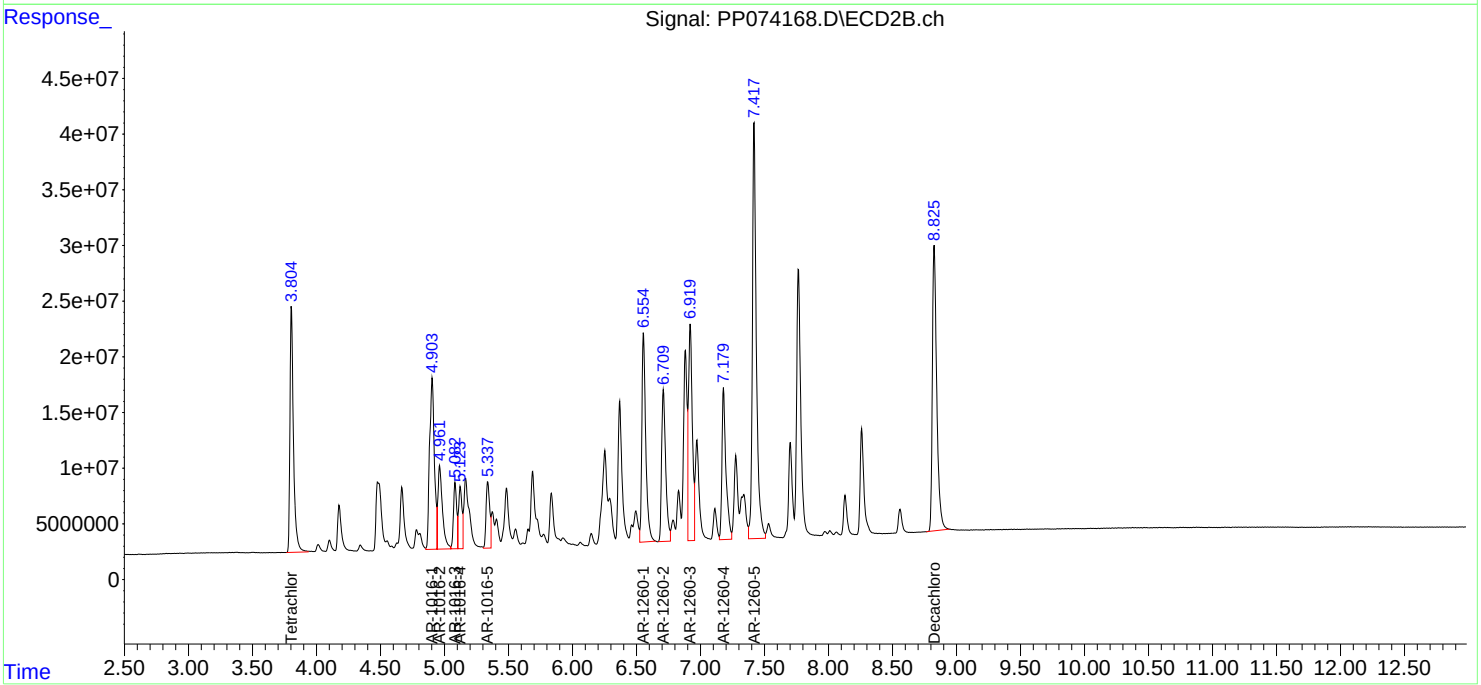
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:05
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

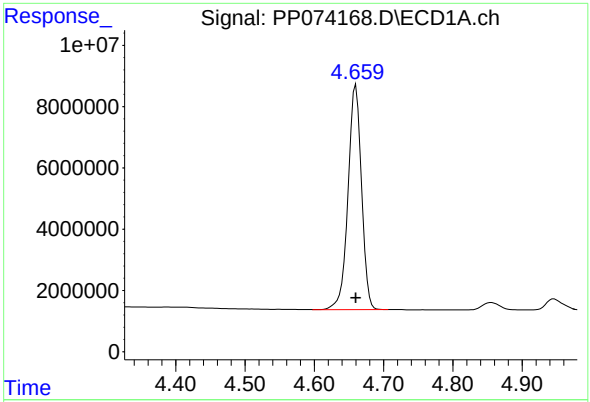
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

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



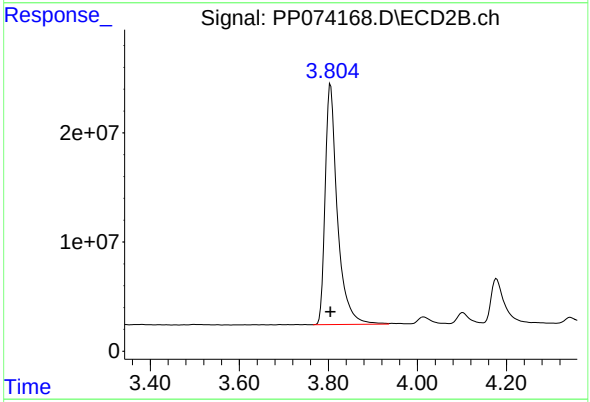




#1 Tetrachloro-m-xylene

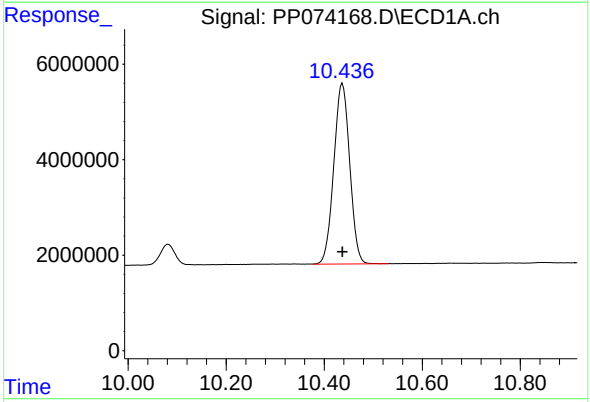
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 99458766
Conc: 96.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



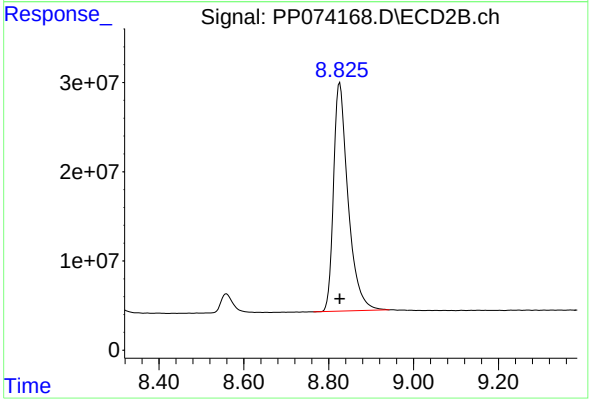
#1 Tetrachloro-m-xylene

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



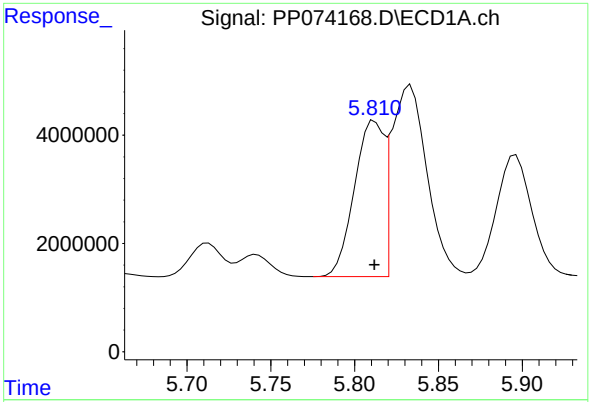
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

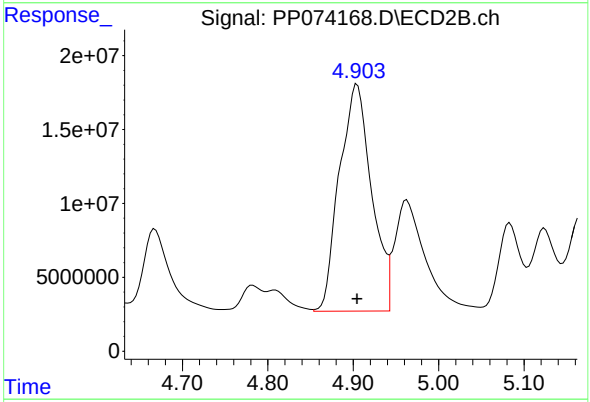
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 609108576
Conc: 100.22 ng/ml



#3 AR-1016-1

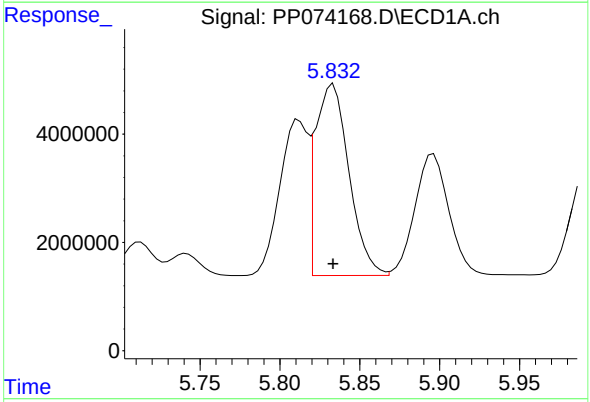
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 35273925
Conc: 948.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



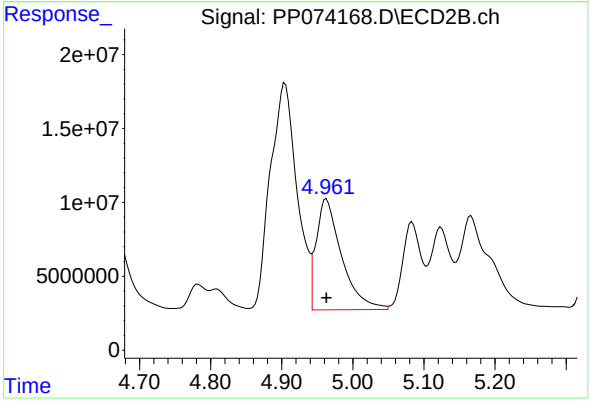
#3 AR-1016-1

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



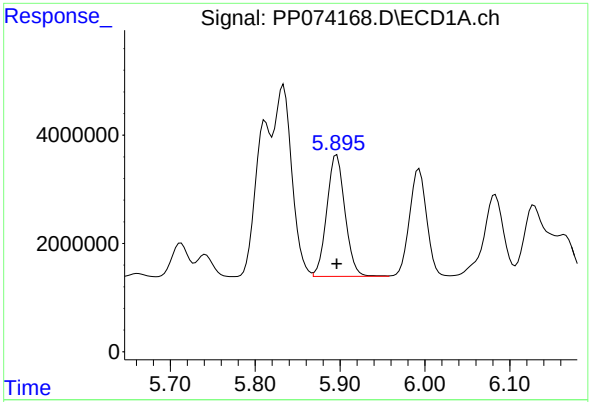
#4 AR-1016-2

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



#4 AR-1016-2

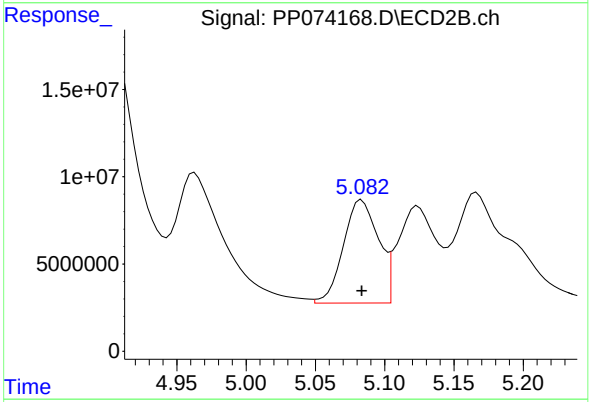
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 186854426
Conc: 998.07 ng/ml



#5 AR-1016-3

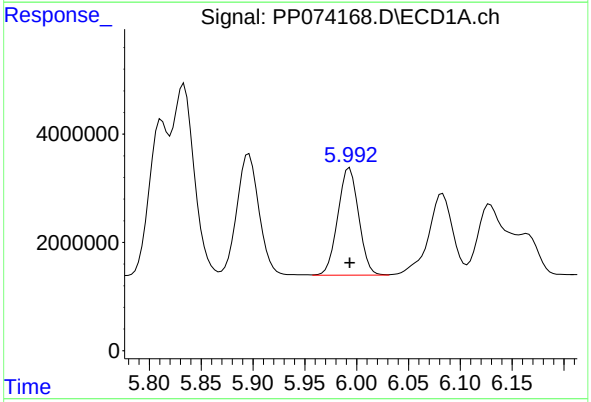
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 33422245
Conc: 937.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



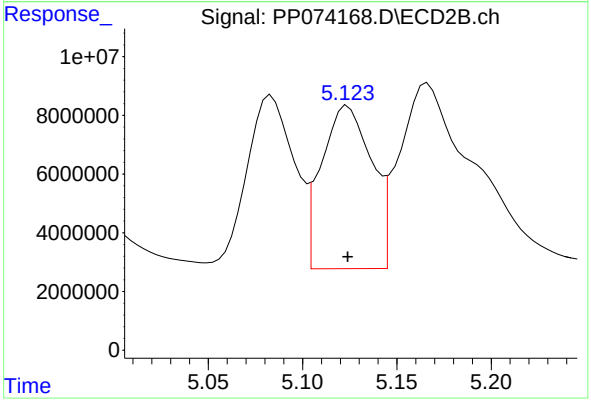
#5 AR-1016-3

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



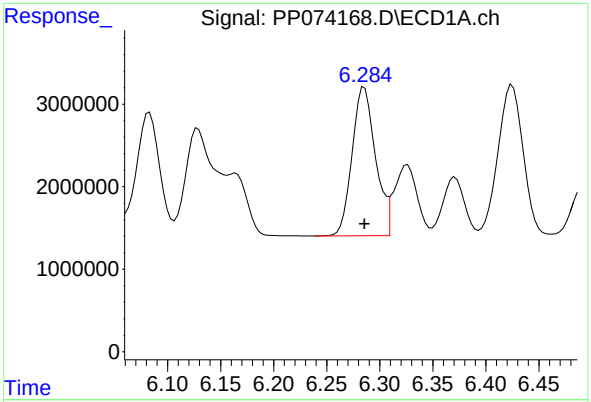
#6 AR-1016-4

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



#6 AR-1016-4

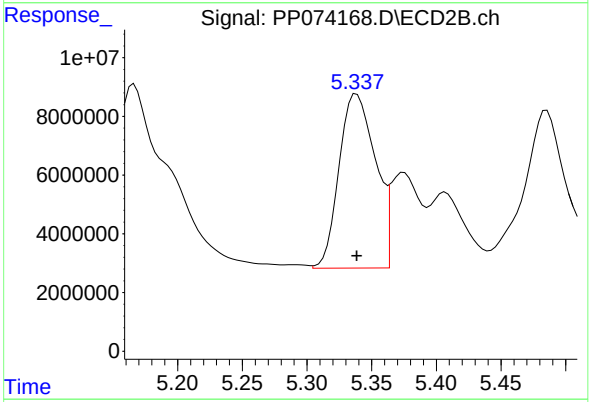
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 102945349
Conc: 961.95 ng/ml



#7 AR-1016-5

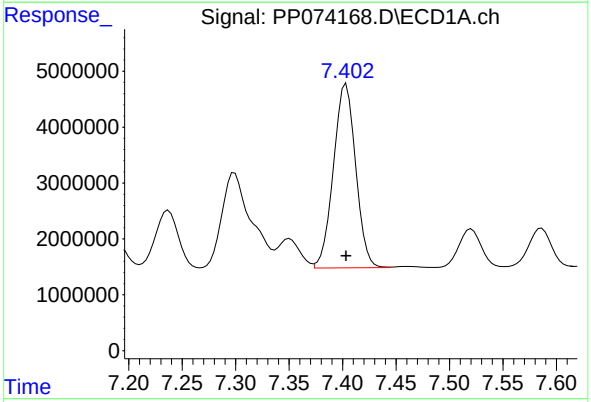
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27690329
Conc: 936.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



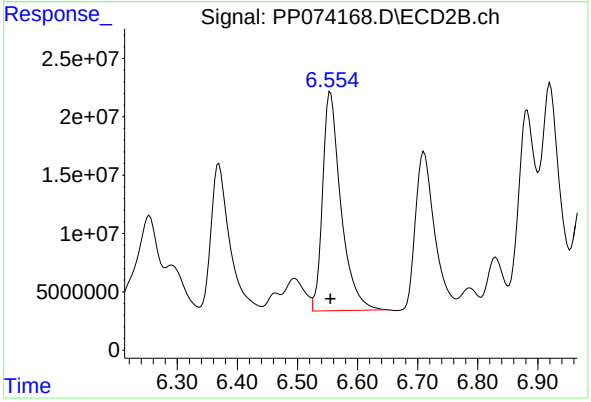
#7 AR-1016-5

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



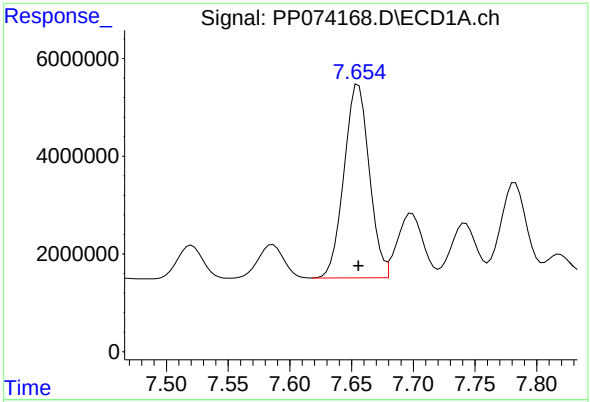
#31 AR-1260-1

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



#31 AR-1260-1

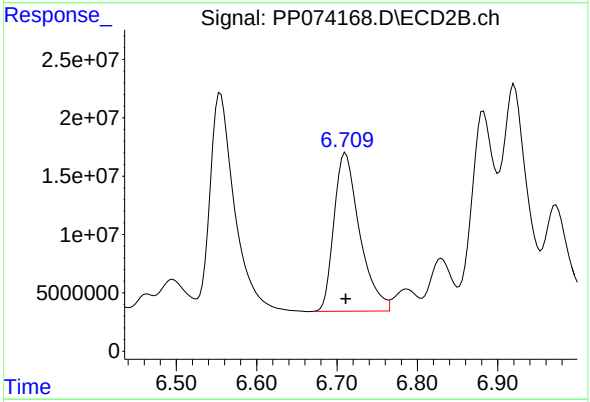
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 398303416
Conc: 990.77 ng/ml



#32 AR-1260-2

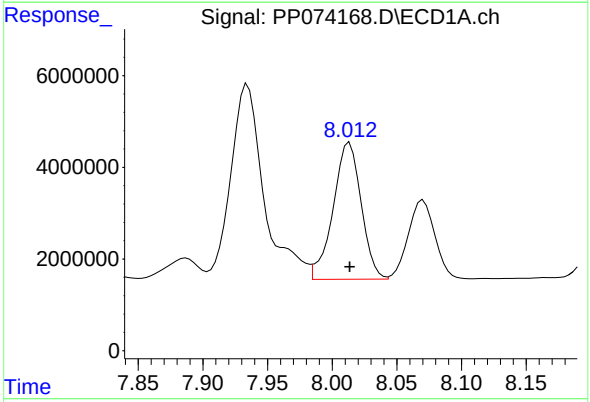
R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 56508230
Conc: 938.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



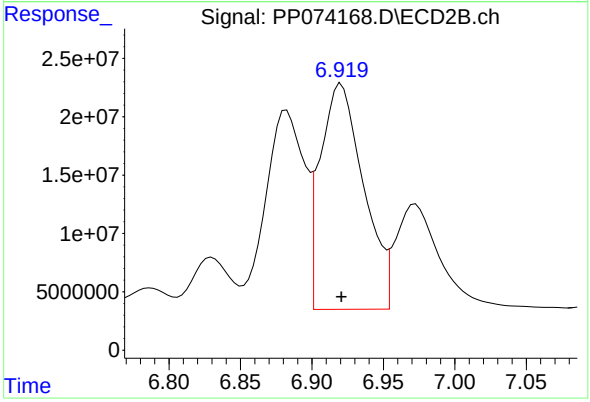
#32 AR-1260-2

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



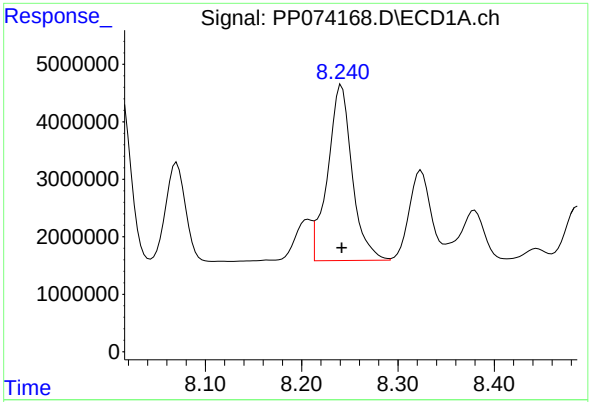
#33 AR-1260-3

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



#33 AR-1260-3

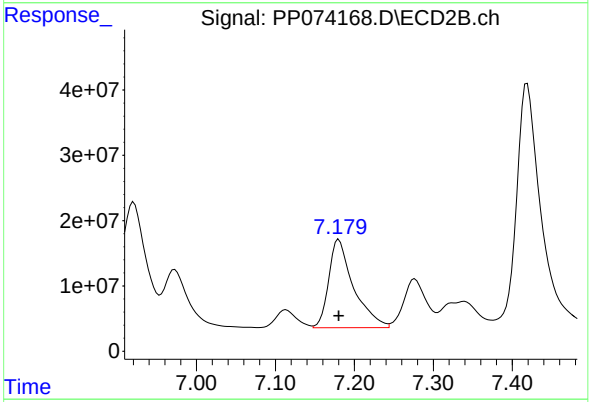
R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 408378449
Conc: 1005.30 ng/ml



#34 AR-1260-4

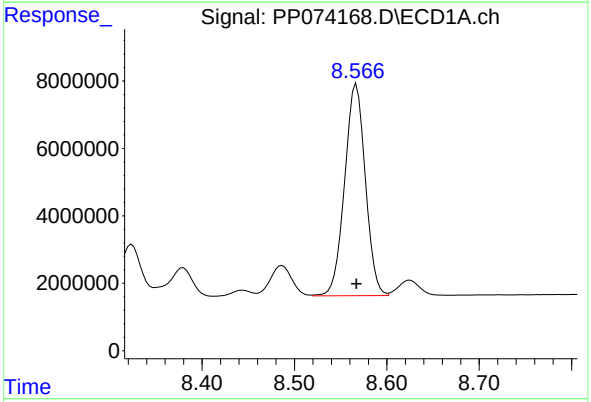
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 54035441
Conc: 945.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



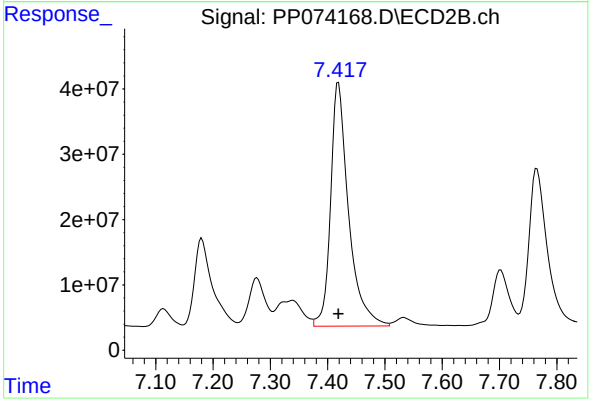
#34 AR-1260-4

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

Quantitation Report (QT Reviewed)

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.

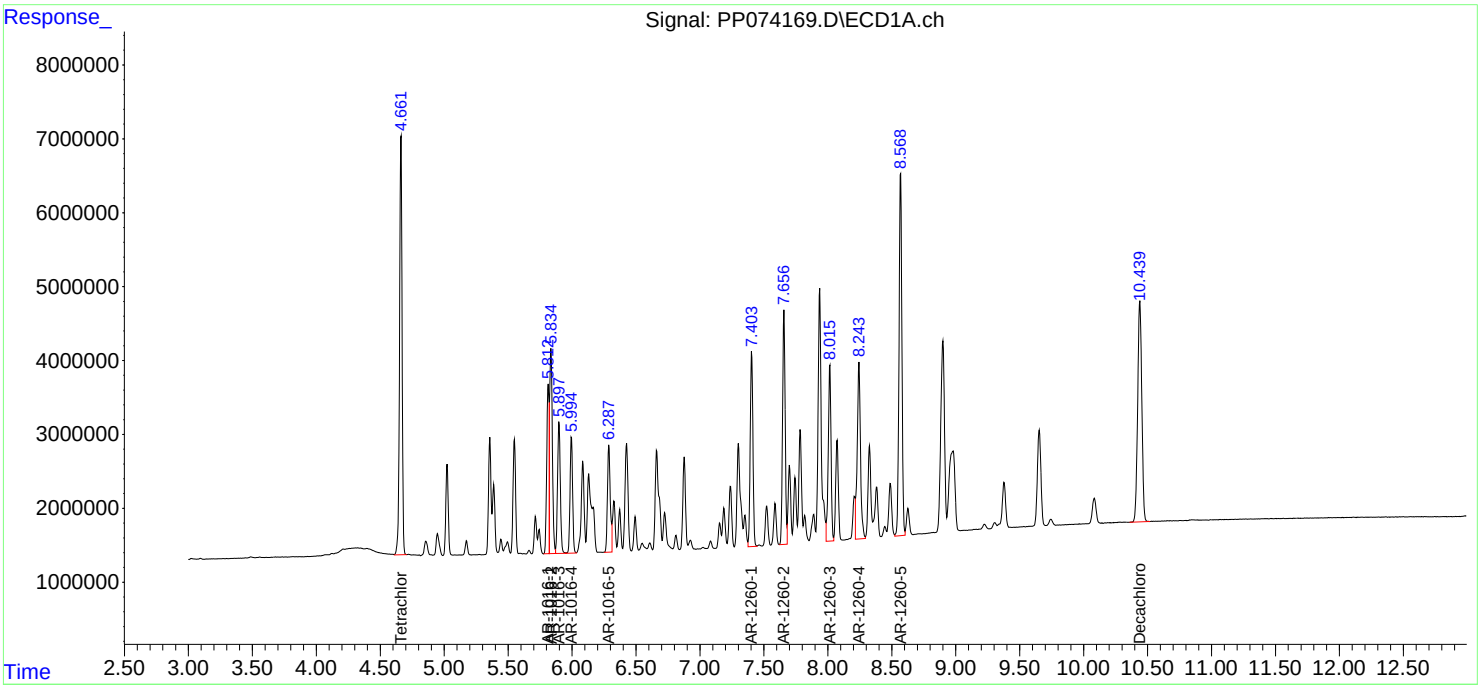
ICAL Form

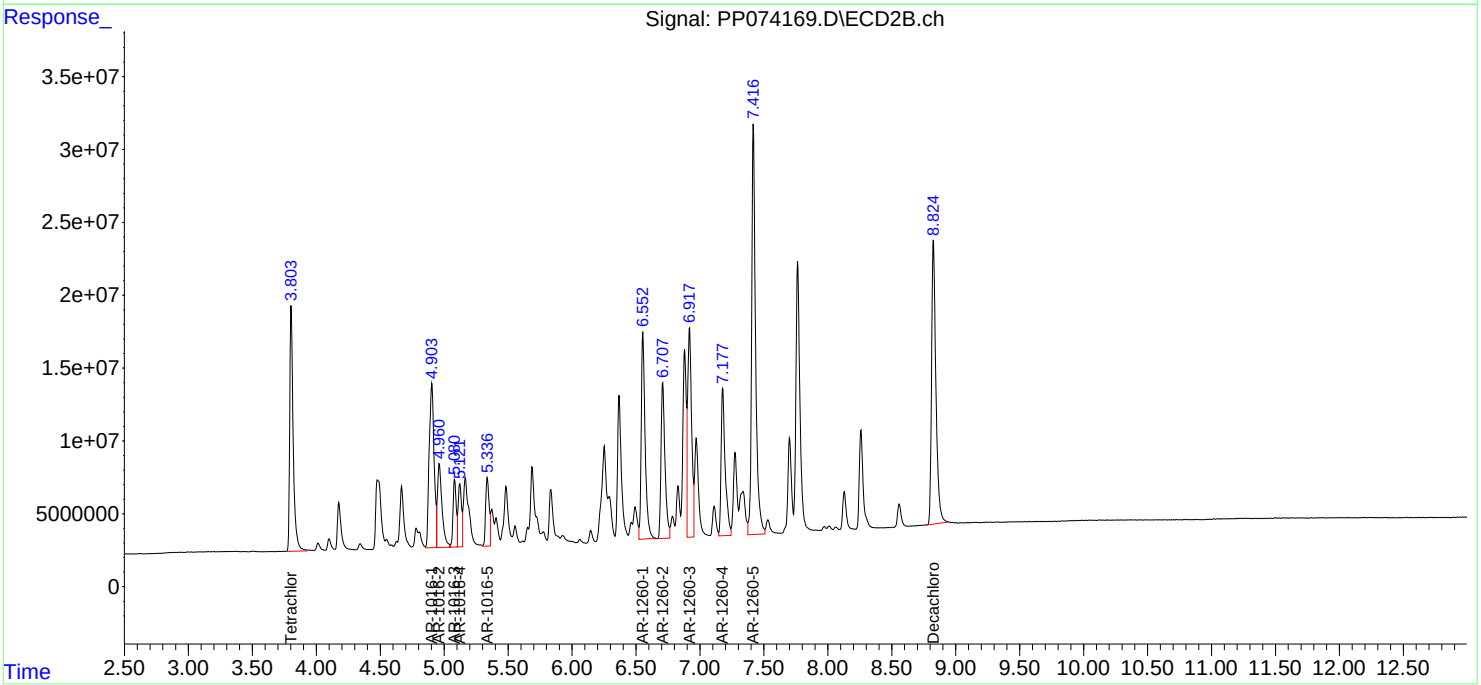
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

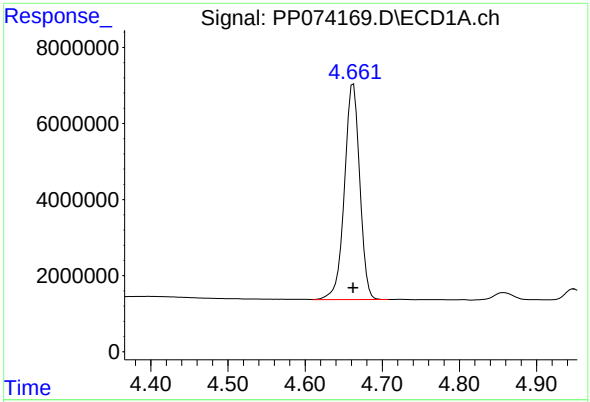
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

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



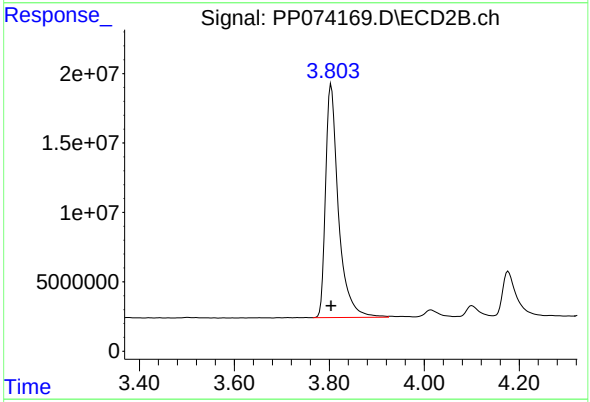




#1 Tetrachloro-m-xylene

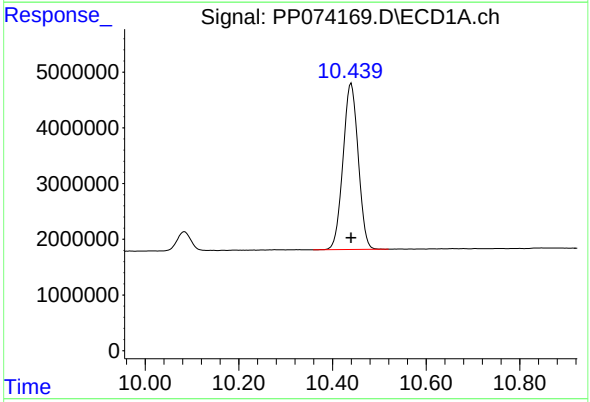
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 77897765
Conc: 75.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



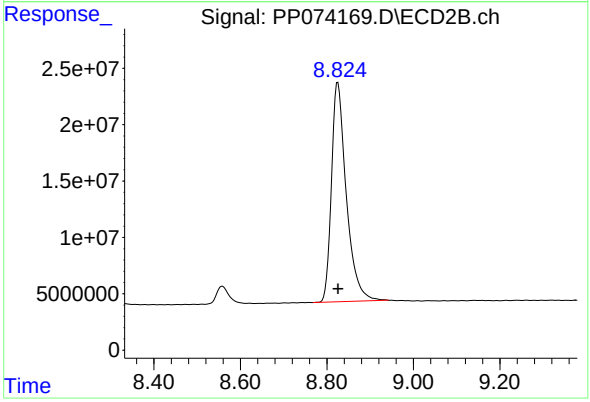
#1 Tetrachloro-m-xylene

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



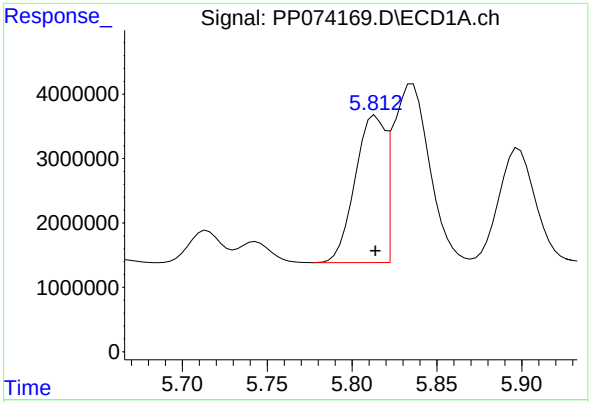
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

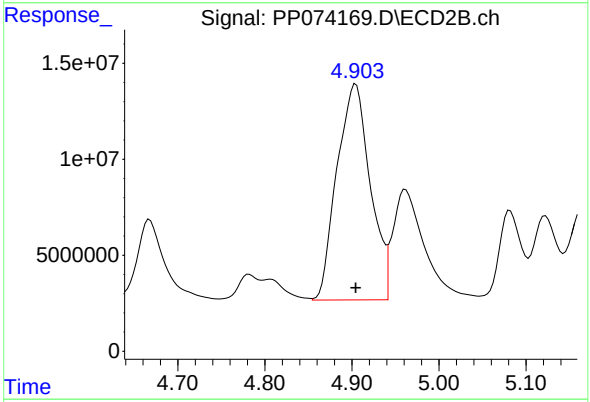
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 460912386
Conc: 75.55 ng/ml



#3 AR-1016-1

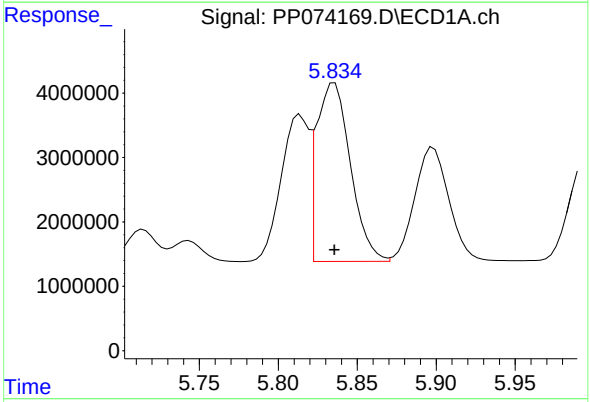
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 28067752
Conc: 753.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



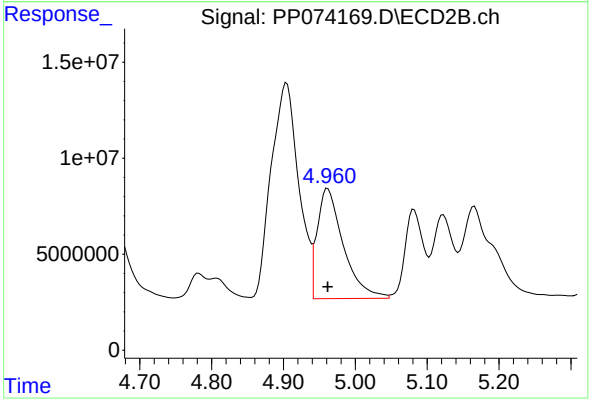
#3 AR-1016-1

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



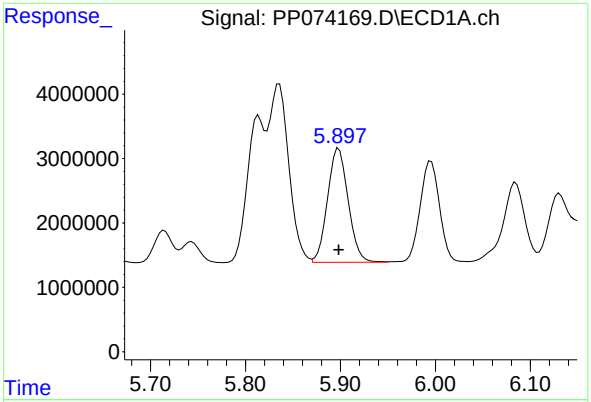
#4 AR-1016-2

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



#4 AR-1016-2

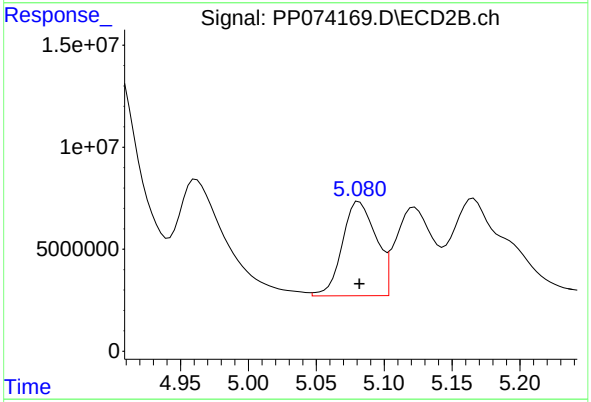
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 144371644
Conc: 763.97 ng/ml



#5 AR-1016-3

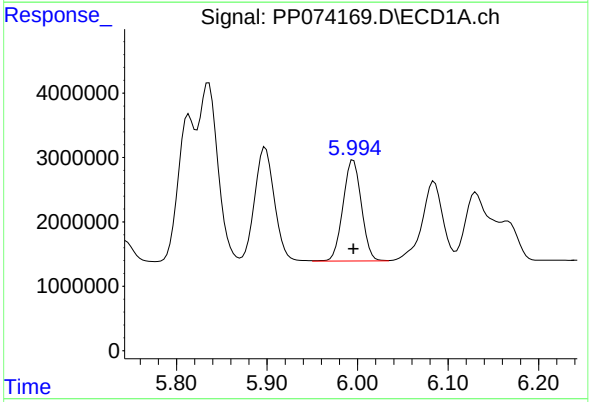
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 26764173
Conc: 750.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



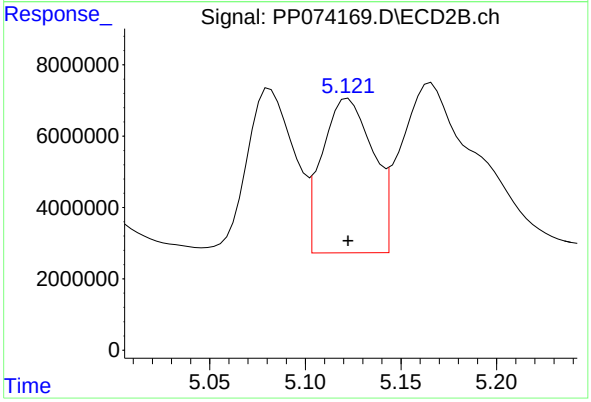
#5 AR-1016-3

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



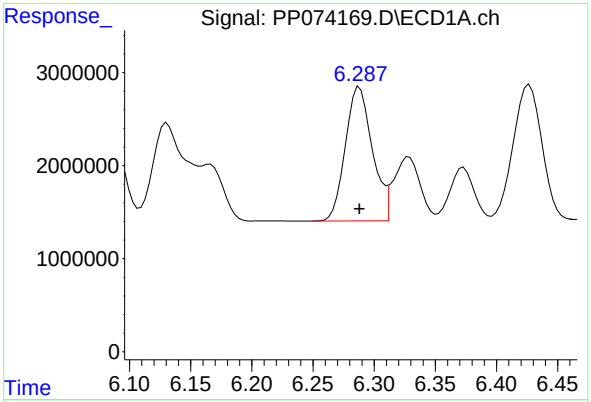
#6 AR-1016-4

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



#6 AR-1016-4

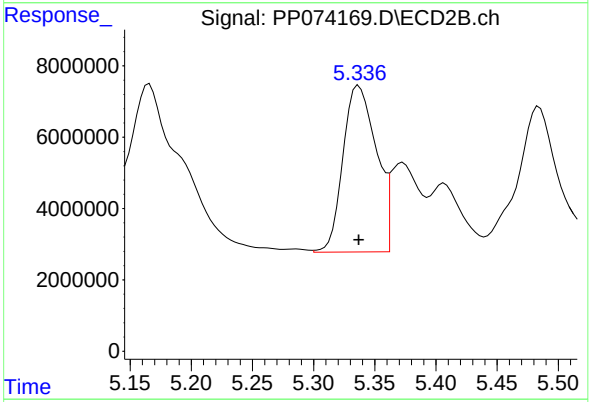
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 79932125
Conc: 747.94 ng/ml



#7 AR-1016-5

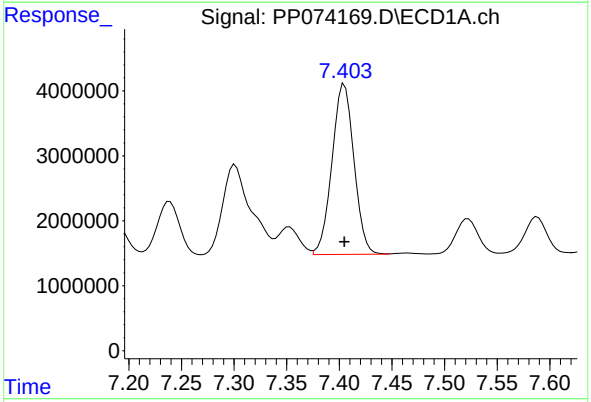
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 22087671
Conc: 748.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



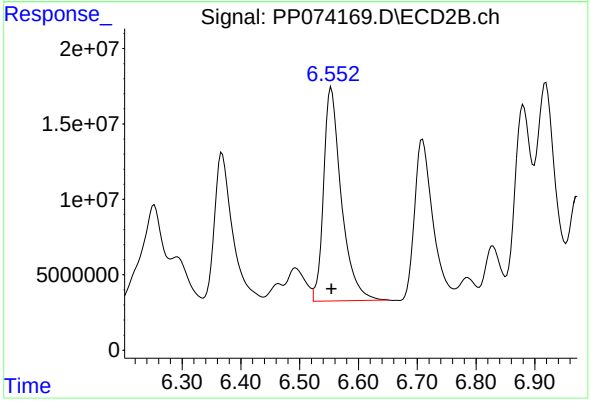
#7 AR-1016-5

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



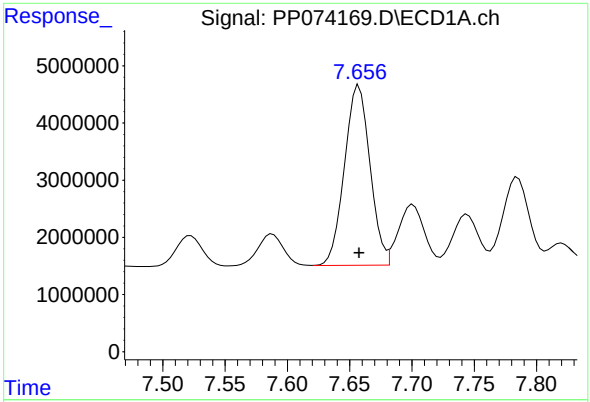
#31 AR-1260-1

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



#31 AR-1260-1

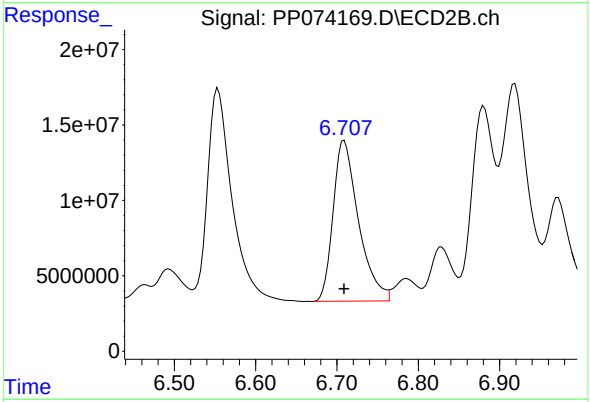
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 298083093
Conc: 744.29 ng/ml



#32 AR-1260-2

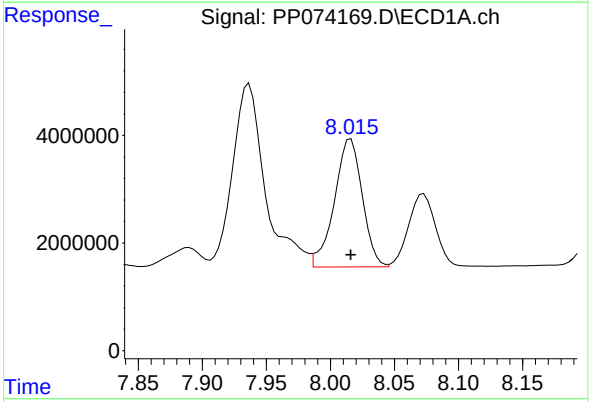
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 45125165
Conc: 749.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



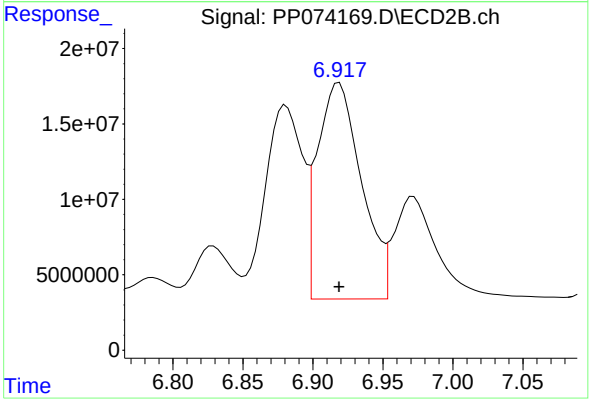
#32 AR-1260-2

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



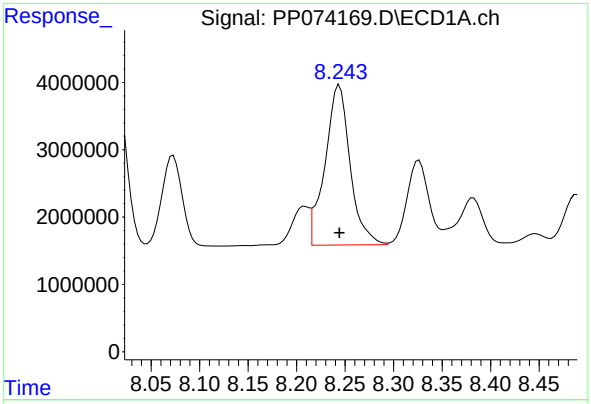
#33 AR-1260-3

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



#33 AR-1260-3

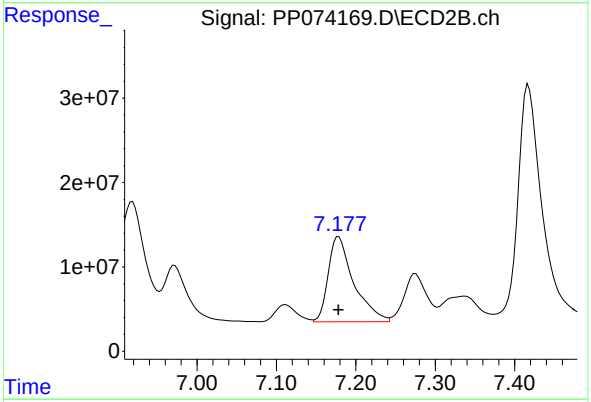
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 313202341
Conc: 763.88 ng/ml



#34 AR-1260-4

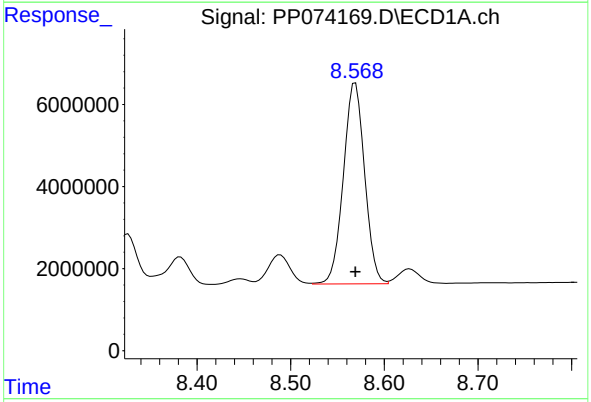
R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 42799948
Conc: 749.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



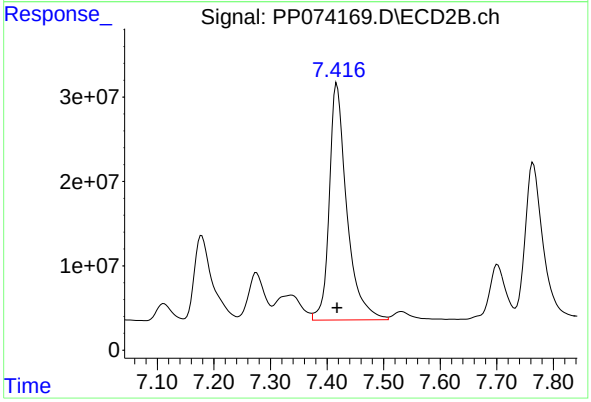
#34 AR-1260-4

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

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.805	53802576	199.9E6	50.000	50.000
2)	SA Decachlor...	10.438	8.826	47022042	303.2E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.812	4.906	19556469	200.0E6	500.000	500.000
4)	L1 AR-1016-2	5.833	4.963	29173644	93788708	500.000	500.000
5)	L1 AR-1016-3	5.896	5.083	18934969	53031224	500.000	500.000
6)	L1 AR-1016-4	5.993	5.123	15743832	55544690	500.000	500.000
7)	L1 AR-1016-5	6.286	5.339	15720965	59321598	500.000	500.000
31)	L7 AR-1260-1	7.403	6.555	27071230	202.9E6	500.000	500.000
32)	L7 AR-1260-2	7.655	6.709	31956798	154.1E6	500.000	500.000
33)	L7 AR-1260-3	8.013	6.919	25325364	202.0E6	500.000	500.000
34)	L7 AR-1260-4	8.242	7.179	30132251	153.1E6	500.000	500.000
35)	L7 AR-1260-5	8.568	7.418	53869434	397.1E6	500.000	500.000

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

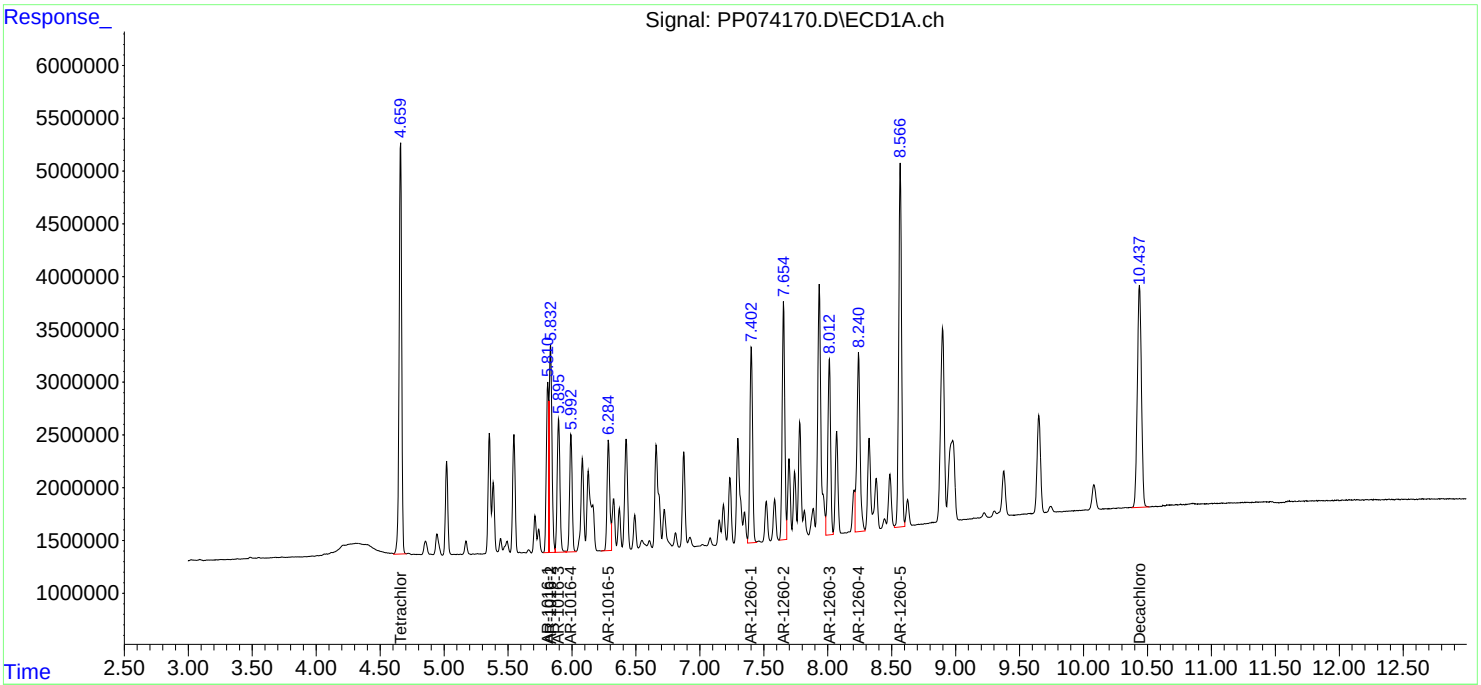
ICAL Form

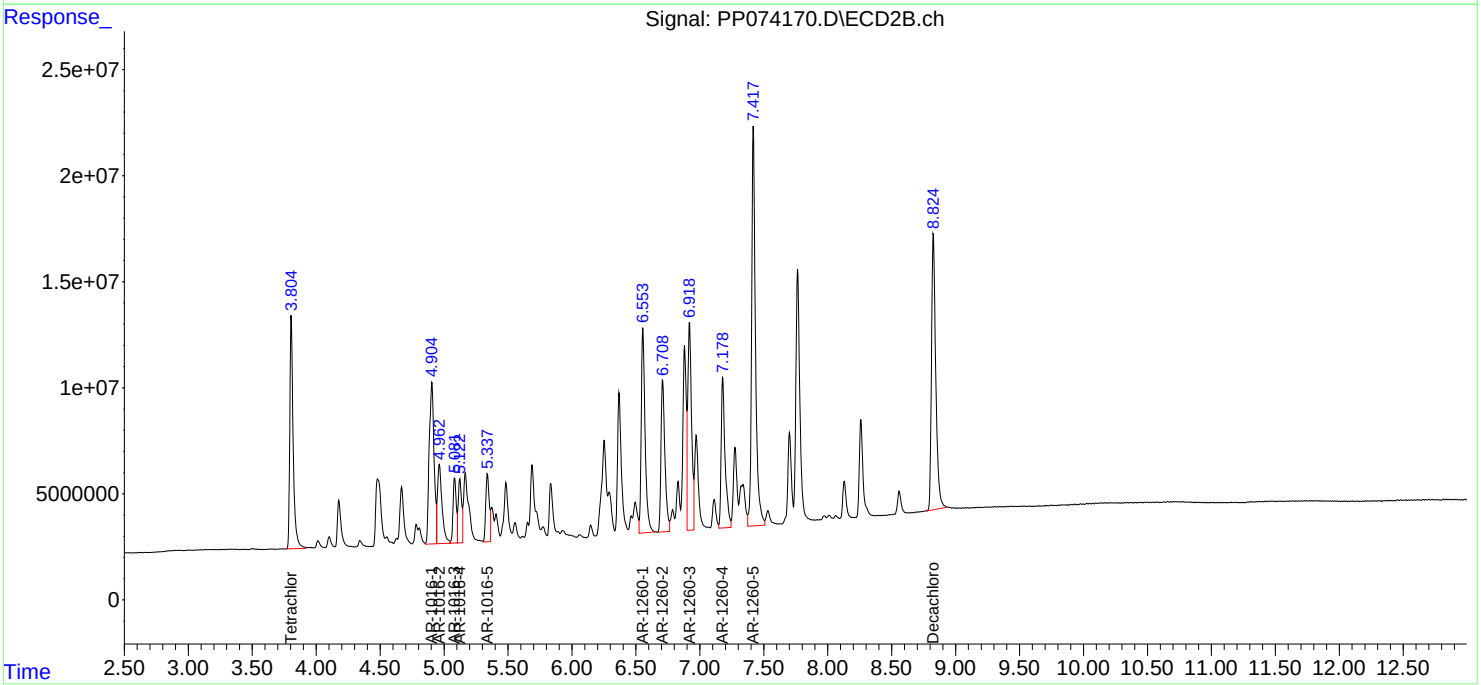
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

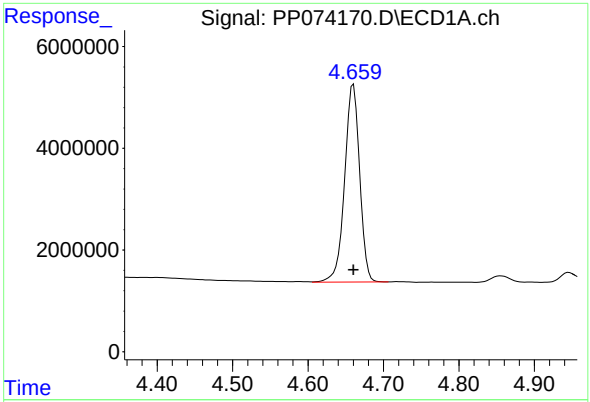
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



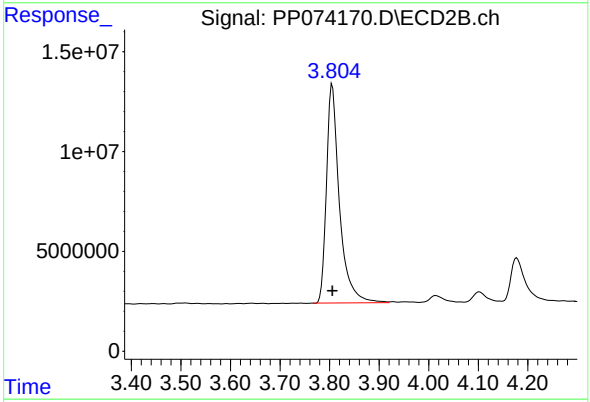




#1 Tetrachloro-m-xylene

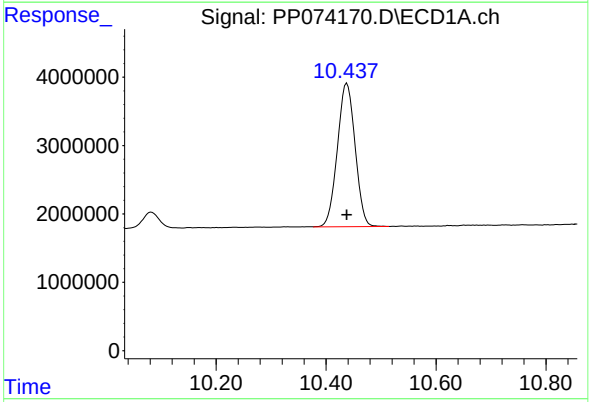
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 53802576
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



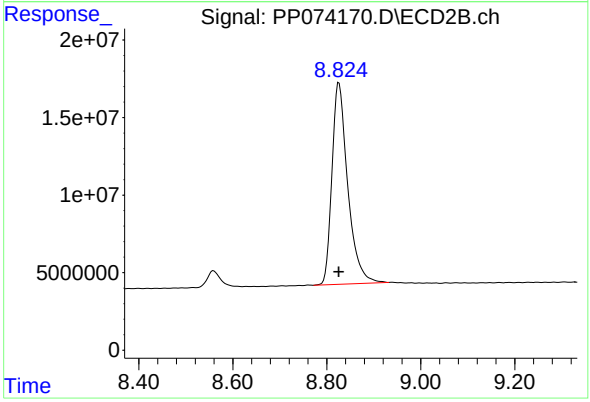
#1 Tetrachloro-m-xylene

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



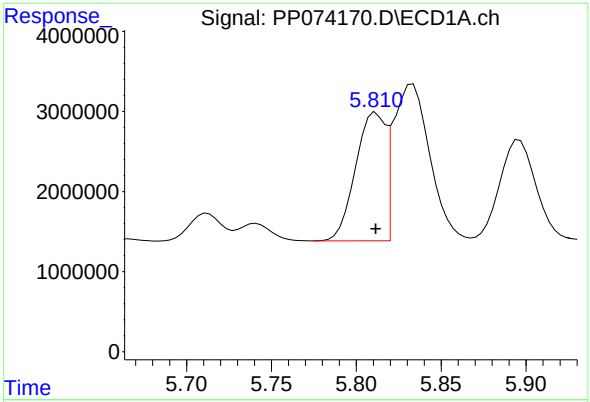
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

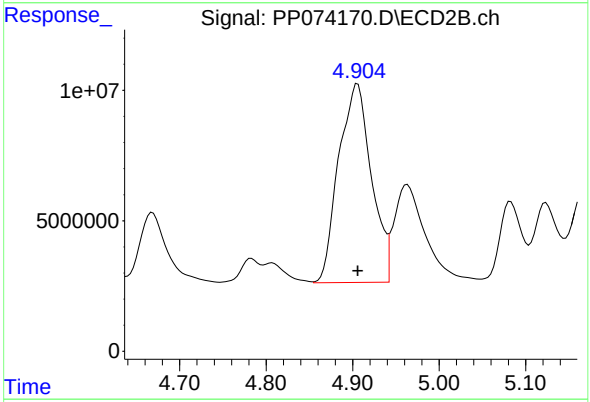
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 303238754
Conc: 50.00 ng/ml



#3 AR-1016-1

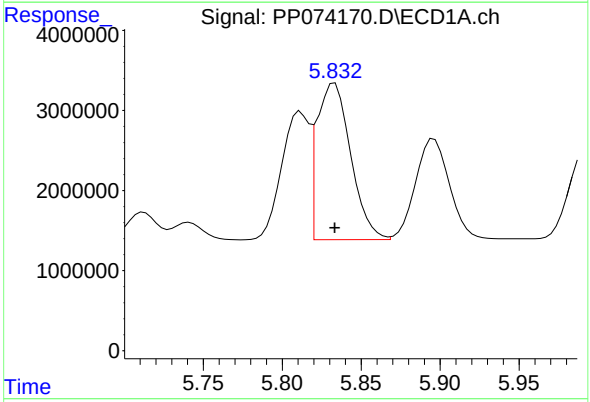
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 19556469
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



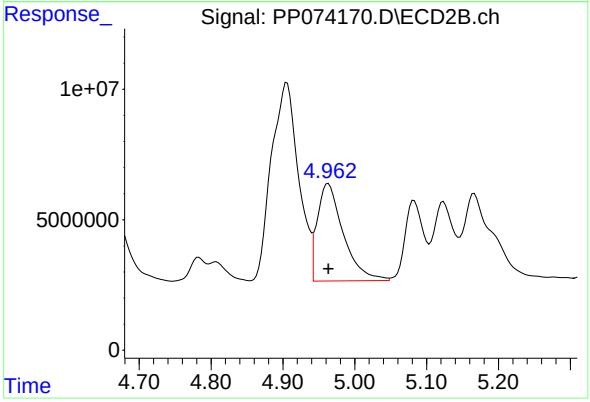
#3 AR-1016-1

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



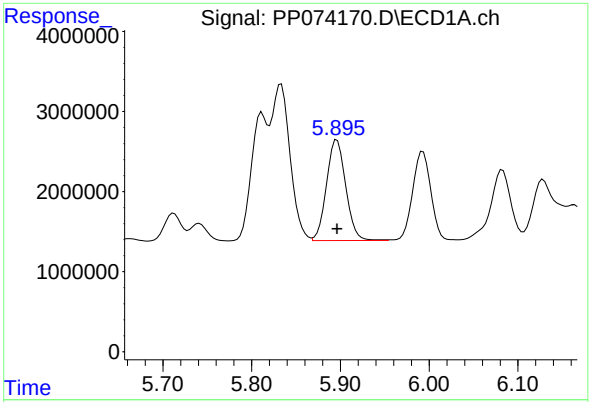
#4 AR-1016-2

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



#4 AR-1016-2

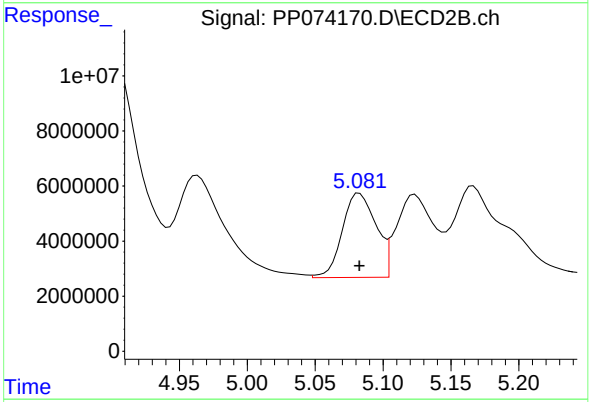
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 93788708
Conc: 500.00 ng/ml



#5 AR-1016-3

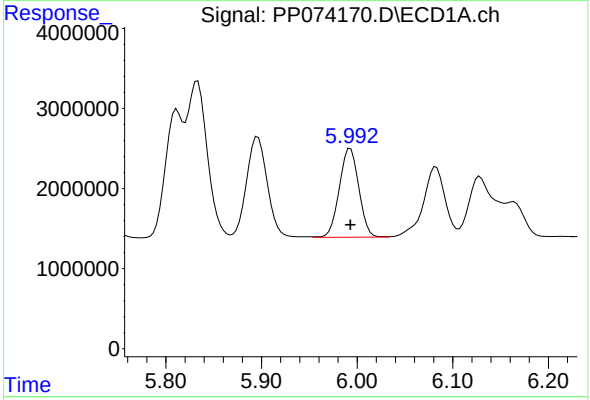
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 18934969
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



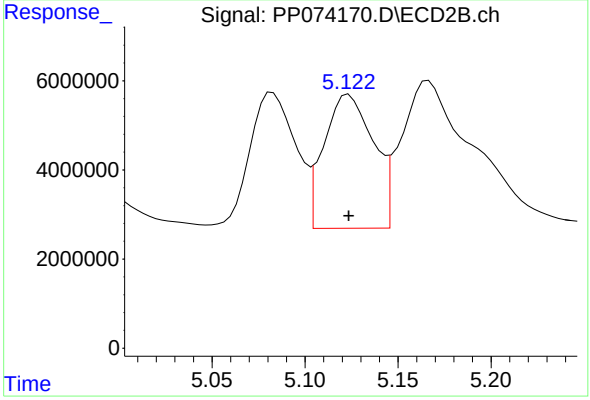
#5 AR-1016-3

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



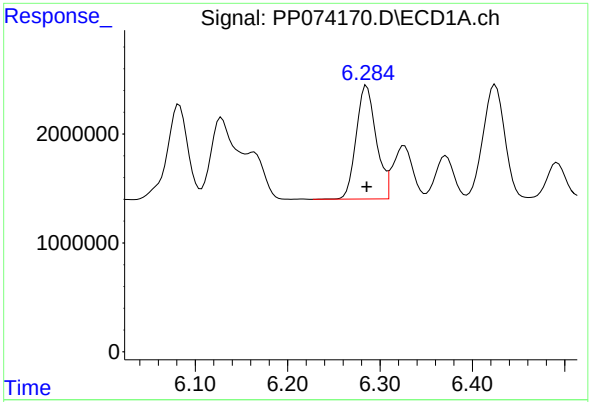
#6 AR-1016-4

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



#6 AR-1016-4

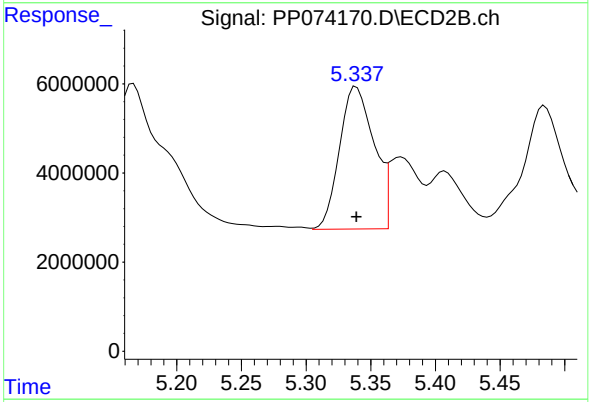
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 55544690
Conc: 500.00 ng/ml



#7 AR-1016-5

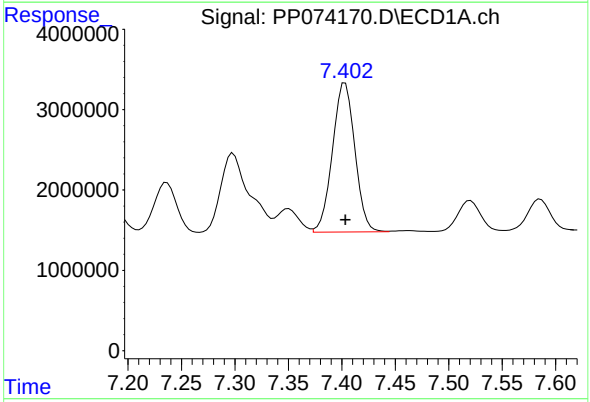
R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 15720965
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



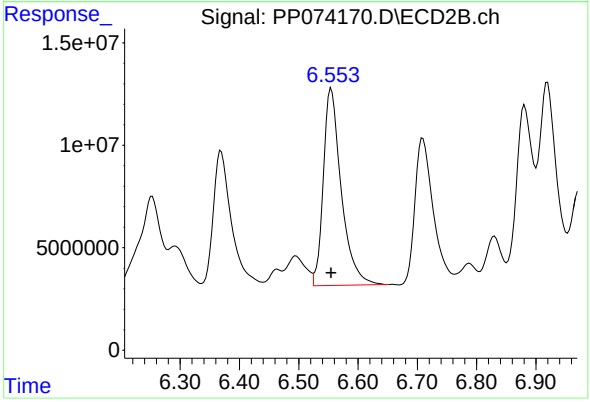
#7 AR-1016-5

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



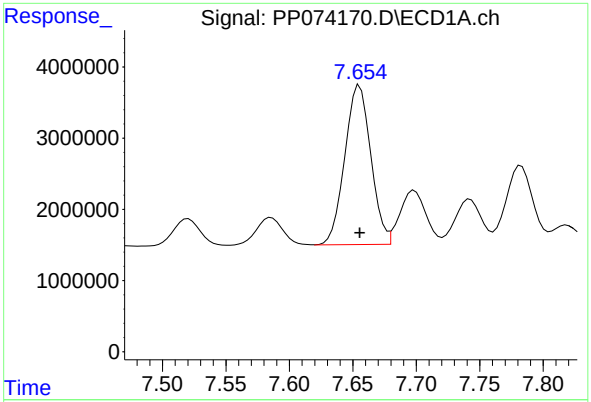
#31 AR-1260-1

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



#31 AR-1260-1

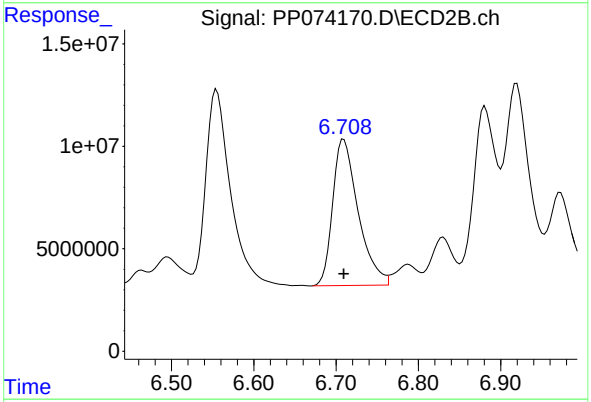
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 202862910
Conc: 500.00 ng/ml



#32 AR-1260-2

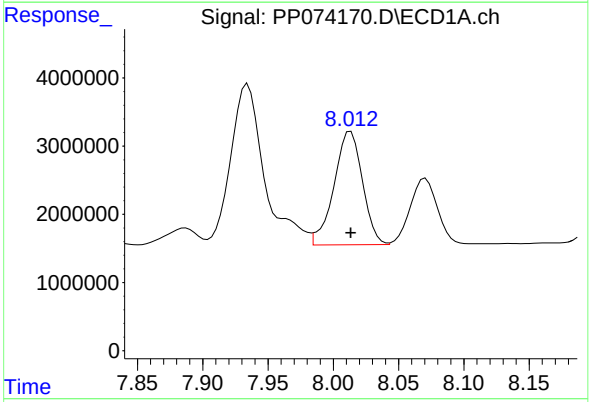
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 31956798
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



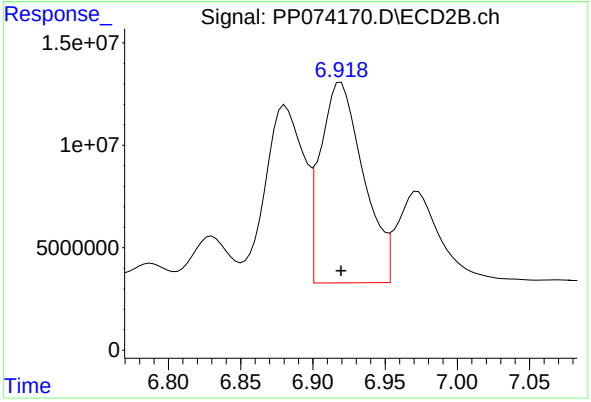
#32 AR-1260-2

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



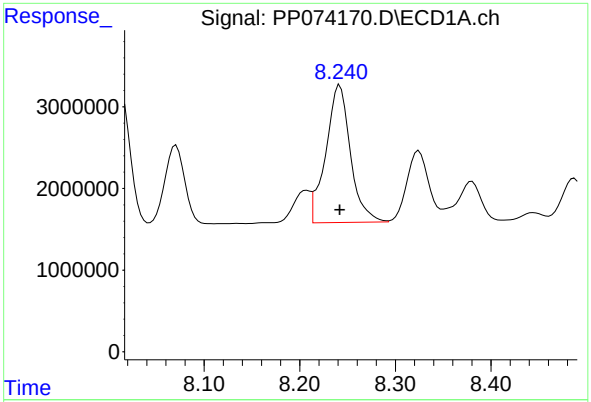
#33 AR-1260-3

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



#33 AR-1260-3

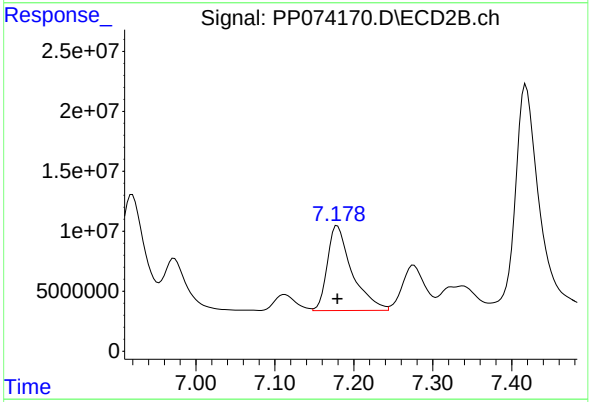
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 202034308
Conc: 500.00 ng/ml



#34 AR-1260-4

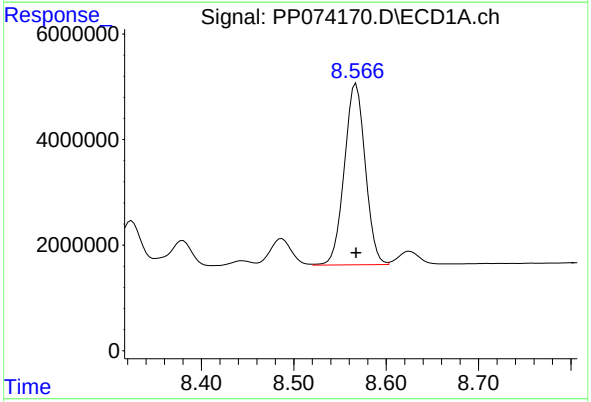
R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 30132251
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



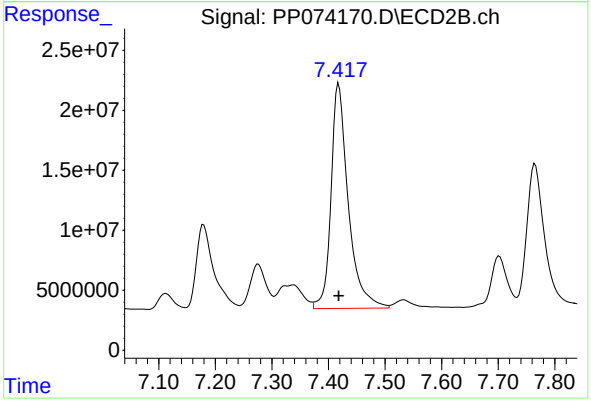
#34 AR-1260-4

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 153068301
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 53869434
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 397056043
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.807	28863110	91466480	27.077	22.767
2)	SA Decachlor...	10.435	8.827	25421801	149.8E6	27.450	24.664
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.907	10964759	100.9E6	281.744	251.671
4)	L1 AR-1016-2	5.832	4.965	16172490	49571013	281.221	259.123
5)	L1 AR-1016-3	5.895	5.085	10675549	28731399	285.290	266.268
6)	L1 AR-1016-4	5.991	5.126	8965609	27406022	287.521	254.800
7)	L1 AR-1016-5	6.282	5.340	8901636	29720771	287.291m	252.036
31)	L7 AR-1260-1	7.399	6.557	14779955	109.5E6	277.879m	267.207
32)	L7 AR-1260-2	7.652	6.711	17850337	76433717	284.356m	249.893
33)	L7 AR-1260-3	8.011	6.922	14251387	95830018	283.827	237.590
34)	L7 AR-1260-4	8.240	7.182	16666094	70195428	280.066	237.501
35)	L7 AR-1260-5	8.565	7.421	29333116	183.1E6	275.424	232.969

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

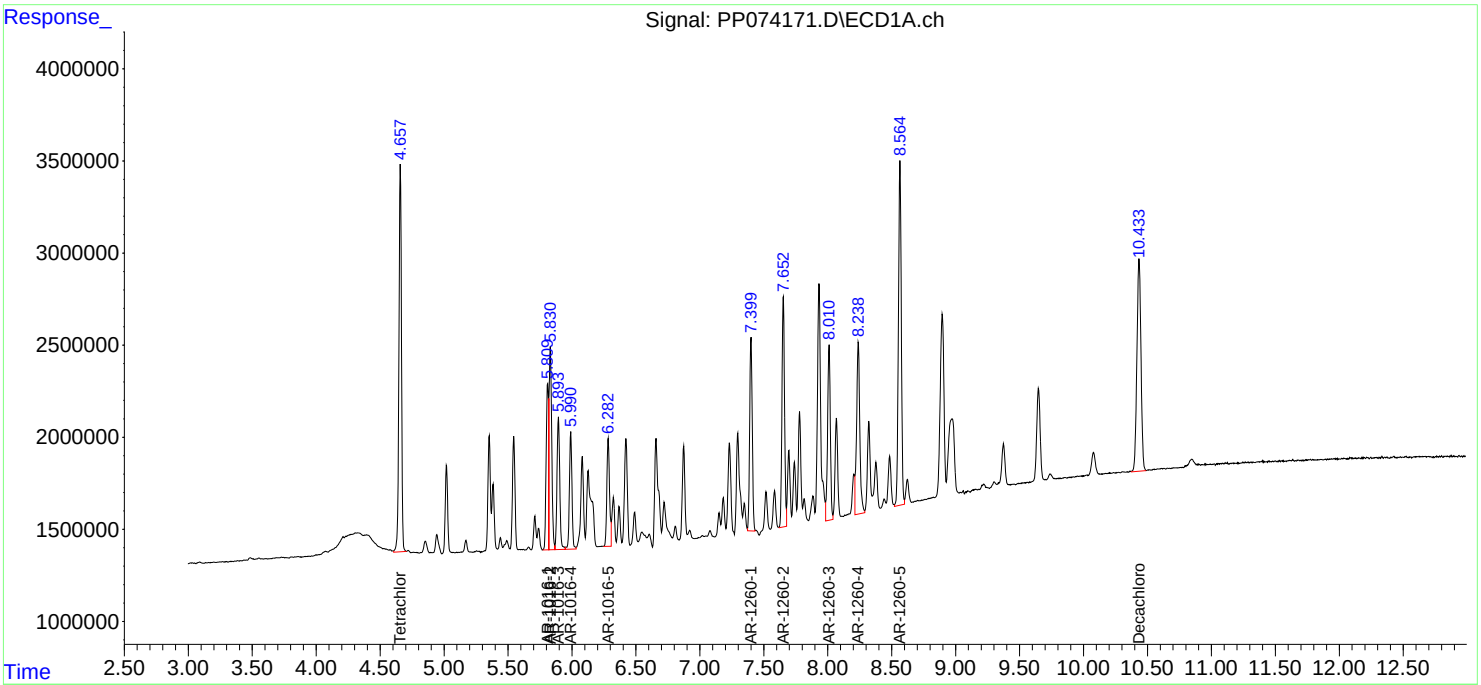
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

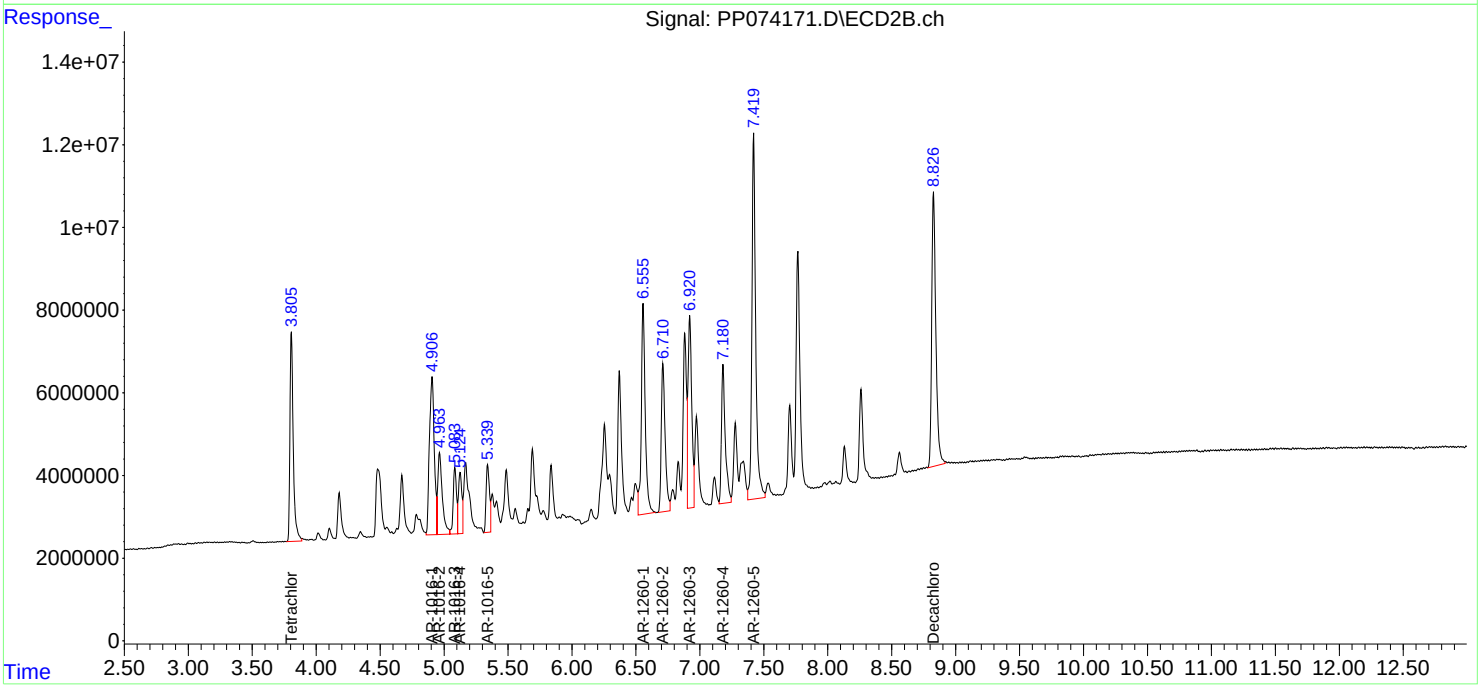
Manual Integrations APPROVED

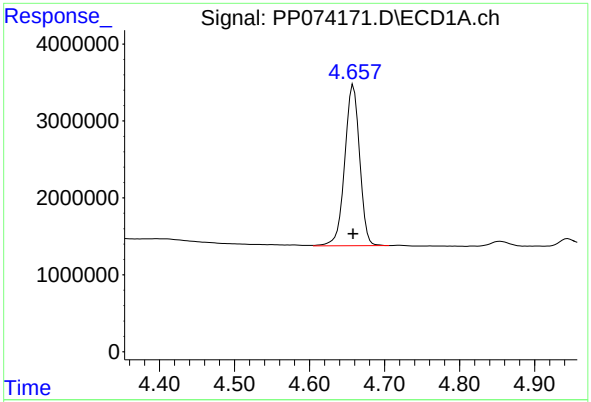
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







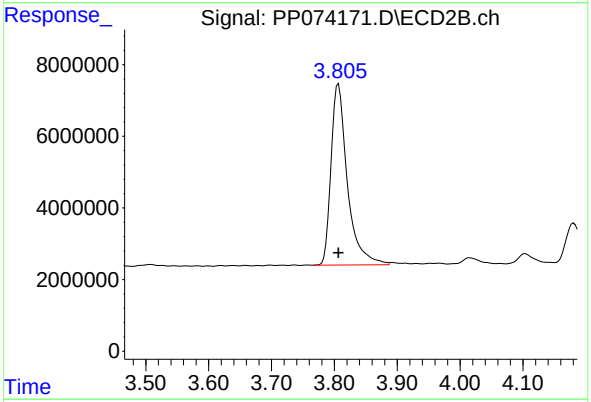
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

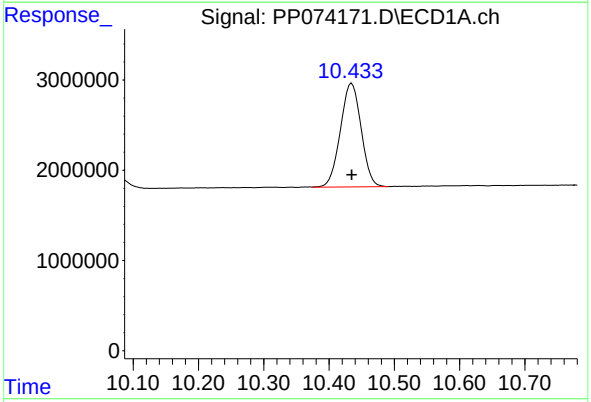
Manual Integrations
APPROVED

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



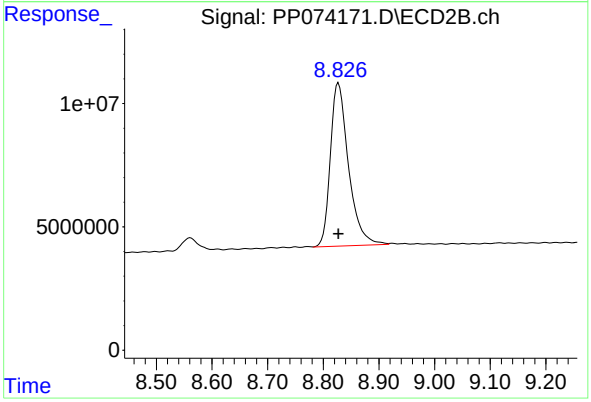
#1 Tetrachloro-m-xylene

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



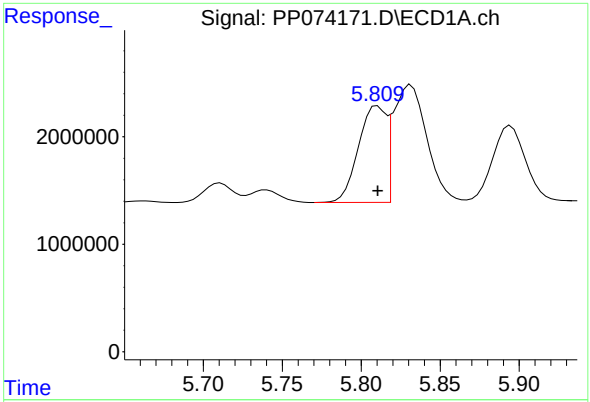
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml



#3 AR-1016-1

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

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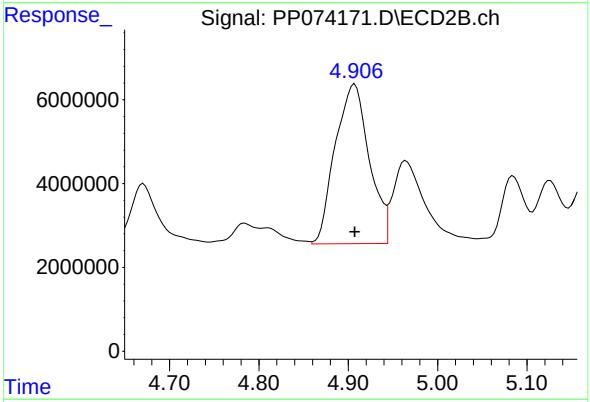
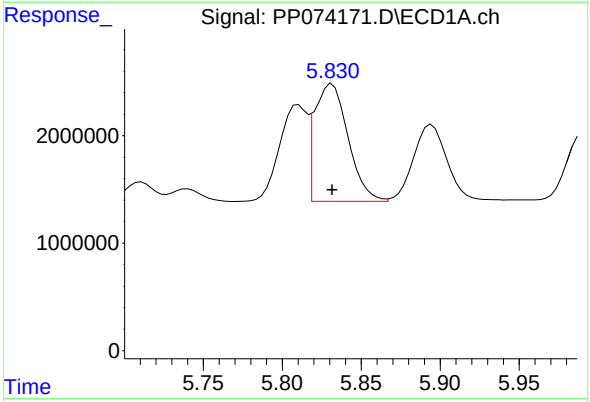
Supervised By :mohammad ahmed 08/08/2025



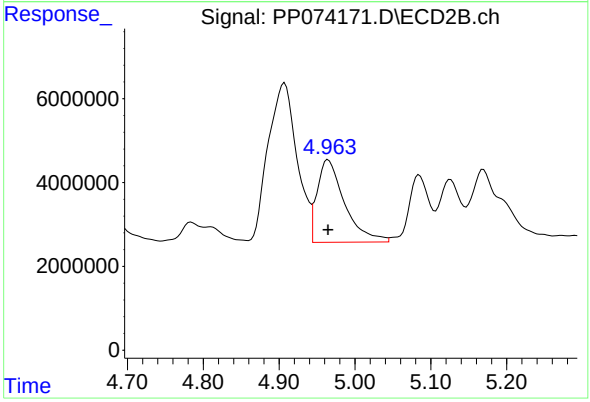
#3 AR-1016-1

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



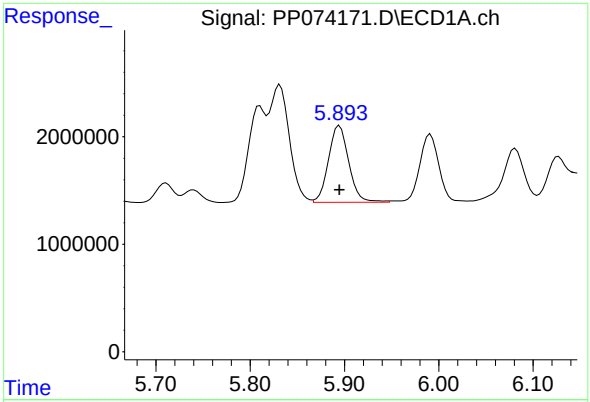
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml



#4 AR-1016-2

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml



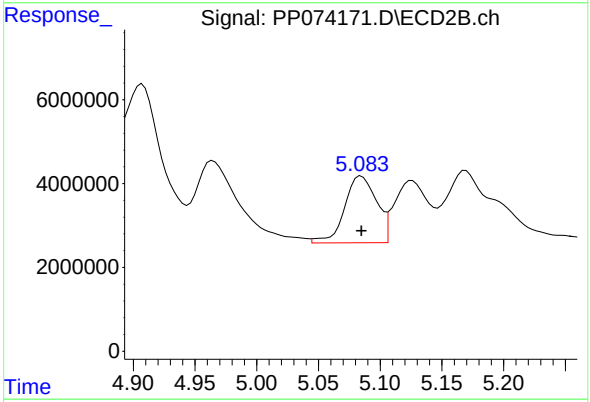
#5 AR-1016-3

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

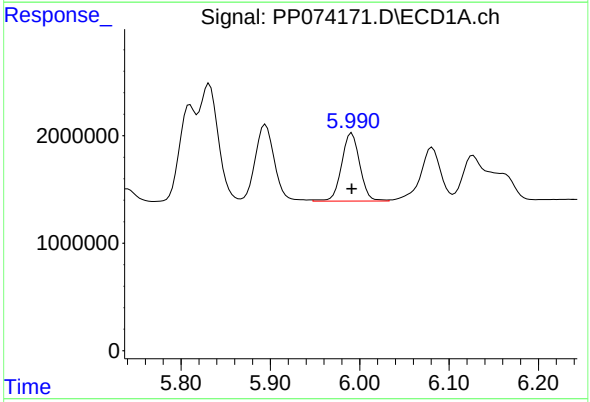
Manual Integrations
APPROVED

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



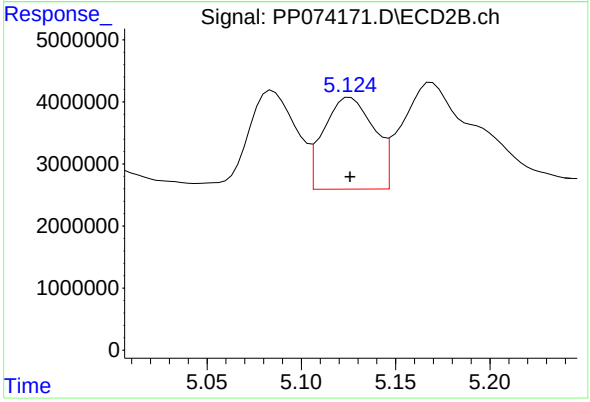
#5 AR-1016-3

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



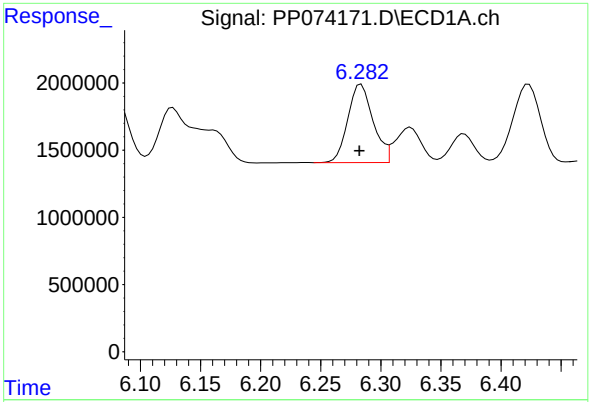
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml



#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml



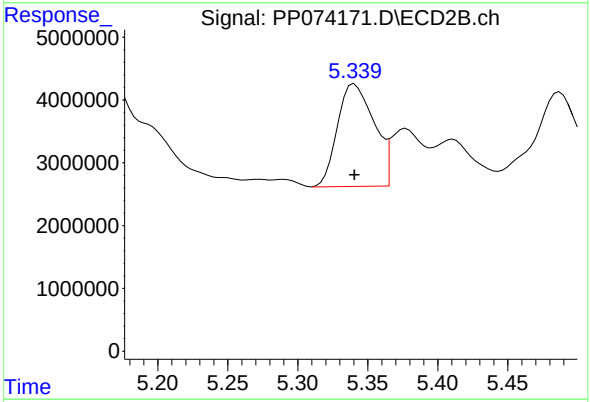
#7 AR-1016-5

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

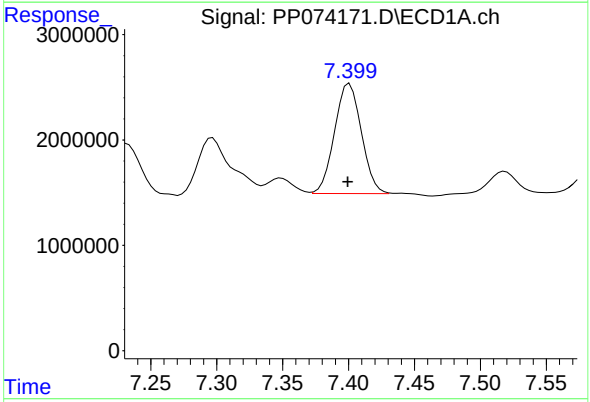
Manual Integrations APPROVED

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



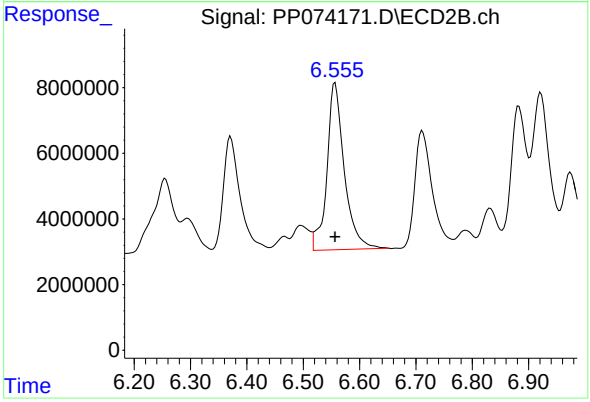
#7 AR-1016-5

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



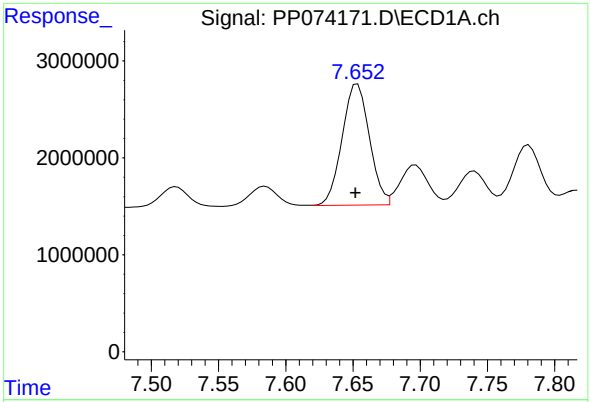
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 14779955
Conc: 277.88 ng/ml m



#31 AR-1260-1

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



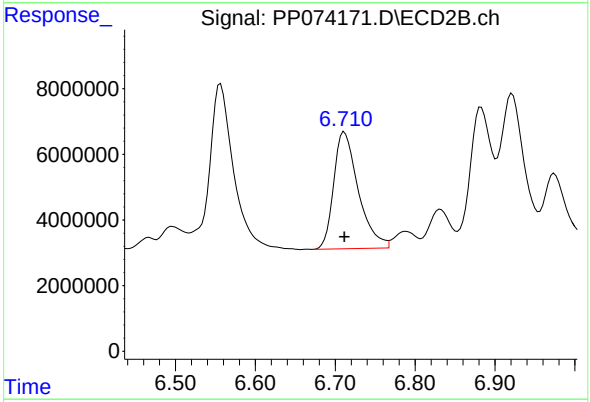
#32 AR-1260-2

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

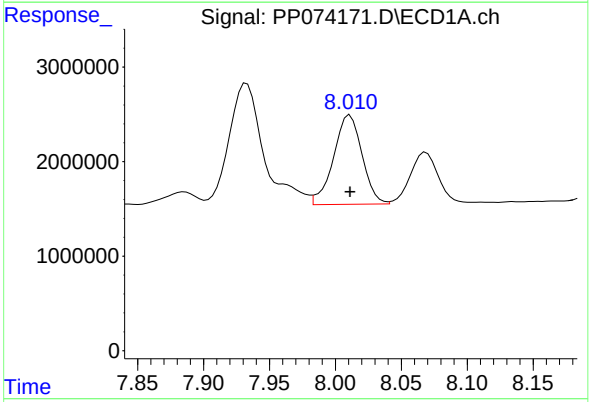
Manual Integrations APPROVED

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



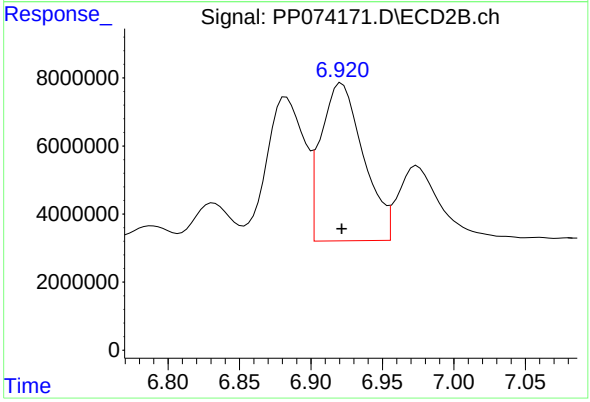
#32 AR-1260-2

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



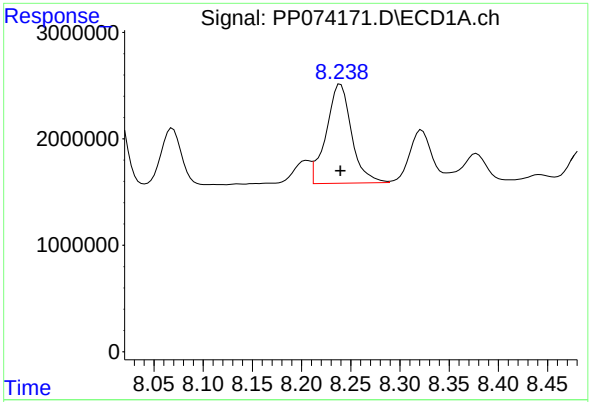
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



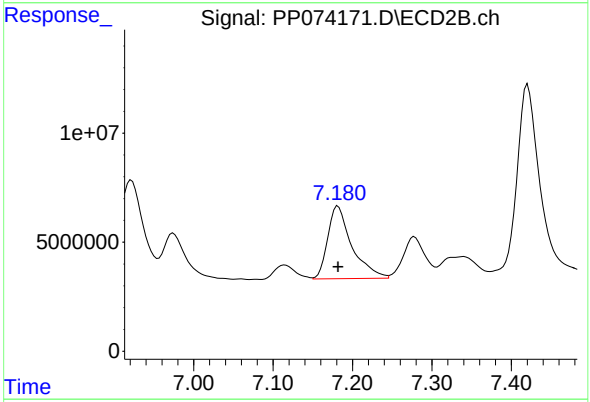
#34 AR-1260-4

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

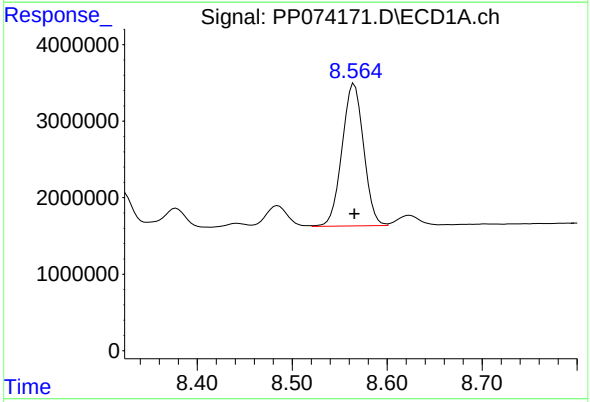
Manual Integrations APPROVED

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



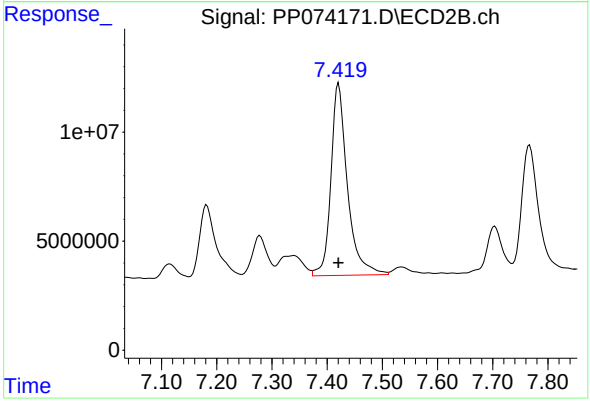
#34 AR-1260-4

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 70195428
Conc: 237.50 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 29333116
Conc: 275.42 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 183122844
Conc: 232.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:58:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.804	6638630	15510226	5.935m	4.043m#
2)	SA Decachlor...	10.437	8.827	5756903	28876514	5.928	4.802
	Target Compounds						
3)	L1 AR-1016-1	5.813	4.906	2530723	19510776	61.341	48.913
4)	L1 AR-1016-2	5.835	4.966	3683827	8691681	60.647	46.279
5)	L1 AR-1016-3	5.897	5.084	2431131	4936579	61.299	46.541
6)	L1 AR-1016-4	5.994	5.124	1899628	5793266	58.370	53.042
7)	L1 AR-1016-5	6.287	5.341	1907560	5656312	58.752	48.360
31)	L7 AR-1260-1	7.404	6.556	3495993	19010301	62.034	47.060
32)	L7 AR-1260-2	7.656	6.709	4438588	17001537	64.615m	54.991m
33)	L7 AR-1260-3	8.015	6.920	3281661	17861059	61.574	45.319 #
34)	L7 AR-1260-4	8.242	7.180	3752198	13633196	59.829m	46.853
35)	L7 AR-1260-5	8.568	7.418	7025863	32144633	62.008	42.440 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

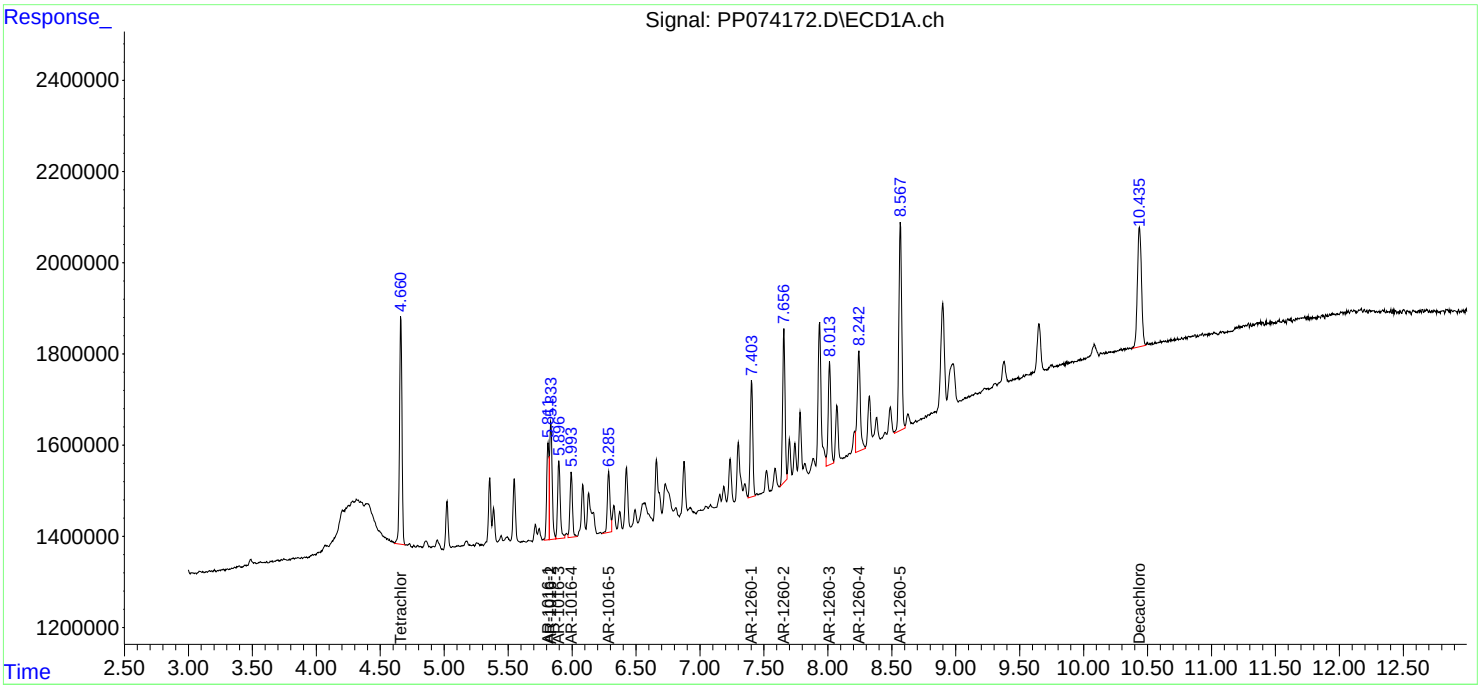
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

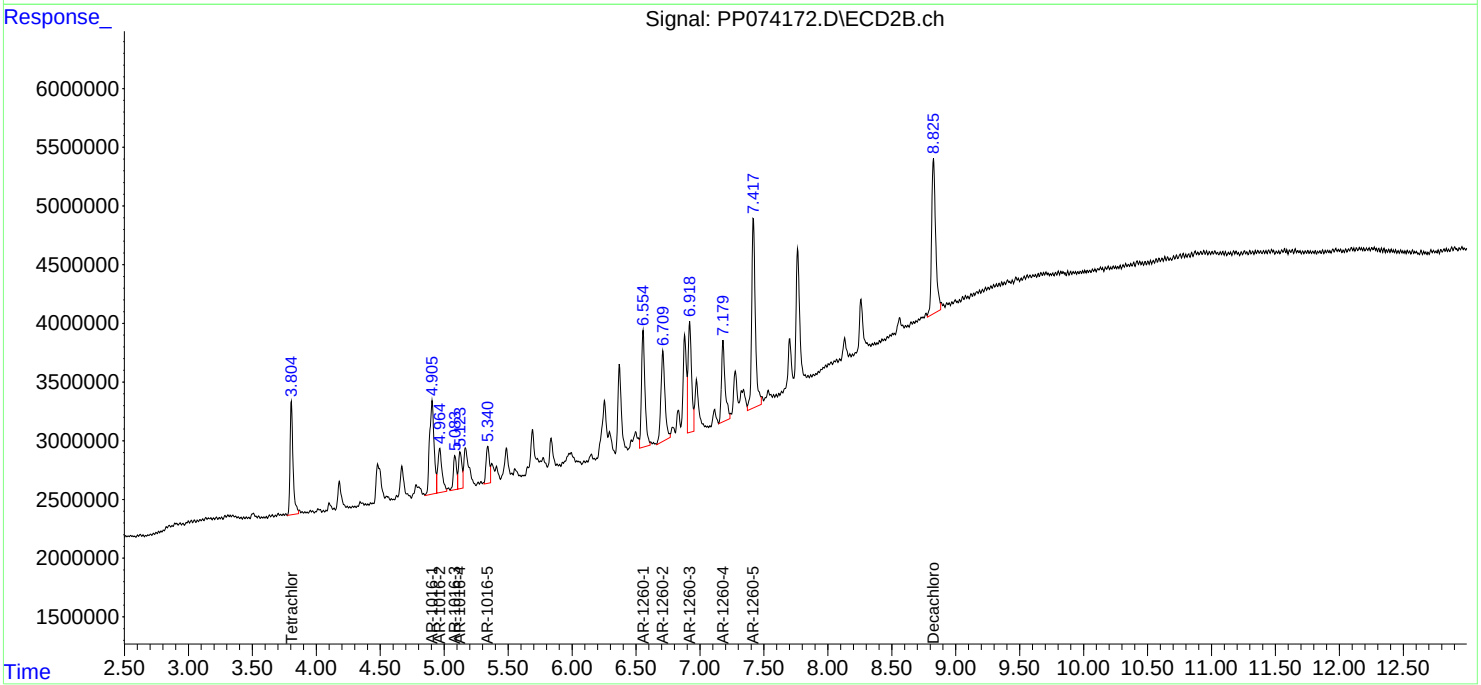
Manual Integrations APPROVED

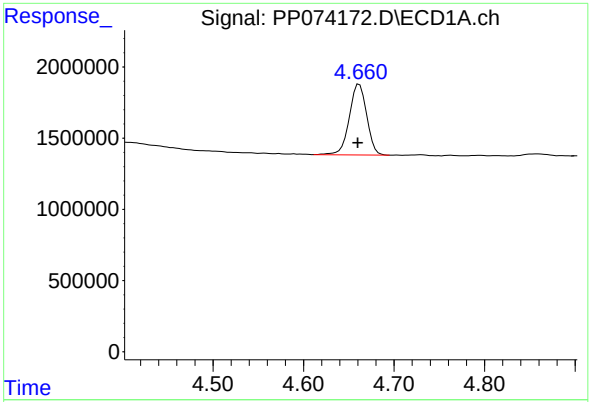
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:58:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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







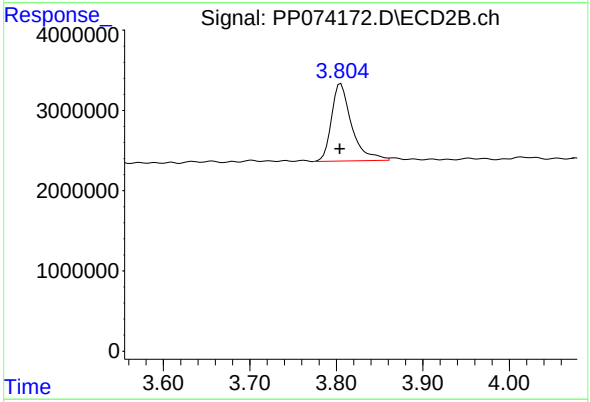
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

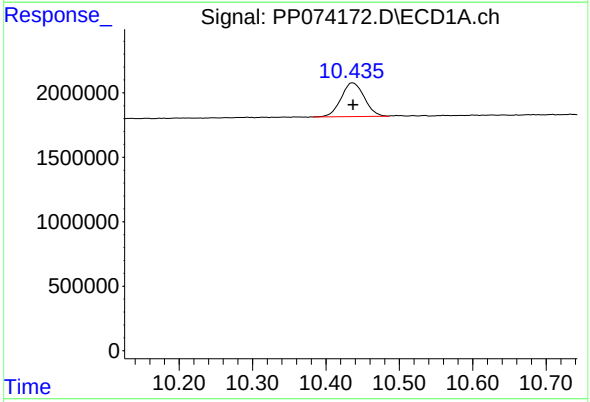
Manual Integrations APPROVED

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



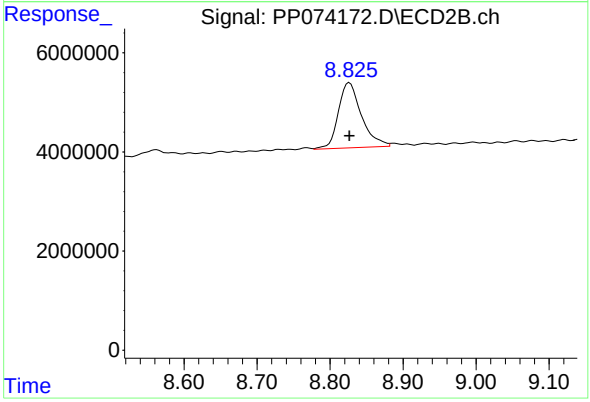
#1 Tetrachloro-m-xylene

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



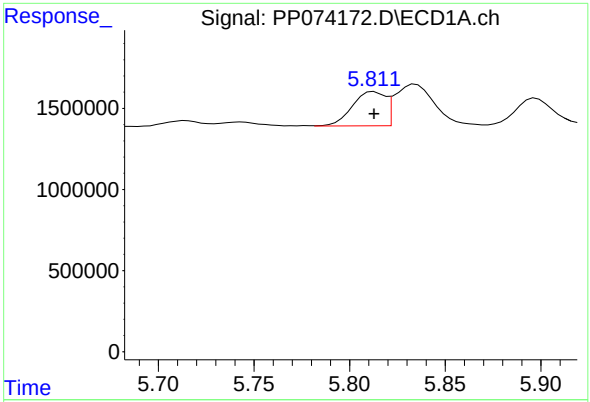
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 5756903
Conc: 5.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 28876514
Conc: 4.80 ng/ml



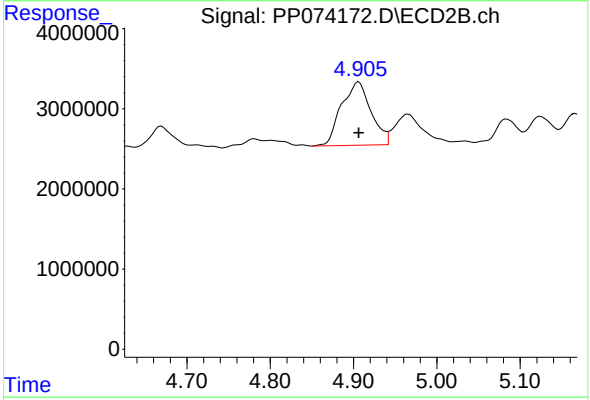
#3 AR-1016-1

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

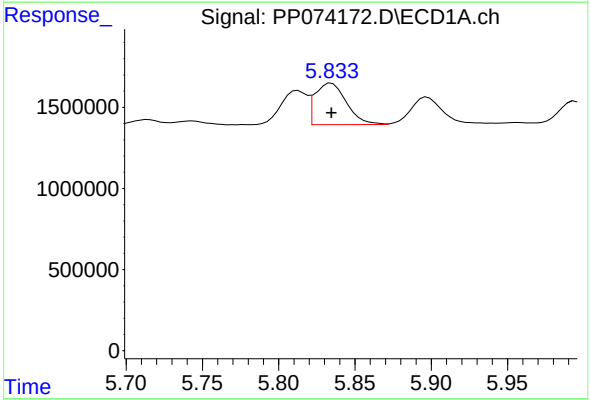
Manual Integrations APPROVED

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



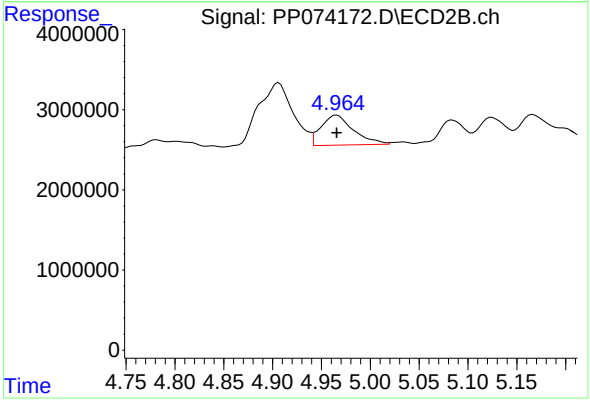
#3 AR-1016-1

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



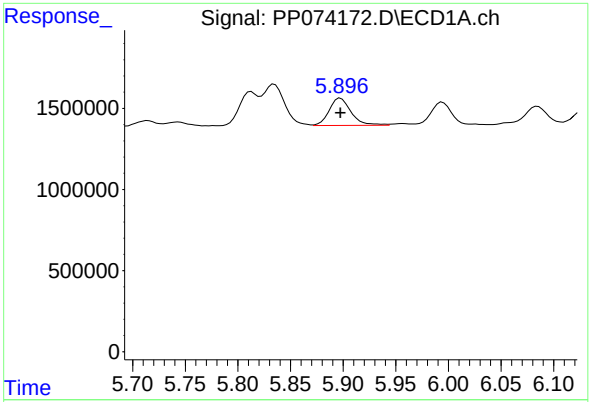
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 3683827
Conc: 60.65 ng/ml



#4 AR-1016-2

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 8691681
Conc: 46.28 ng/ml



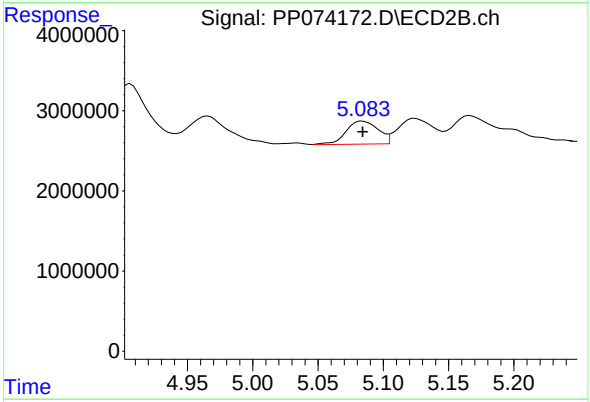
#5 AR-1016-3

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

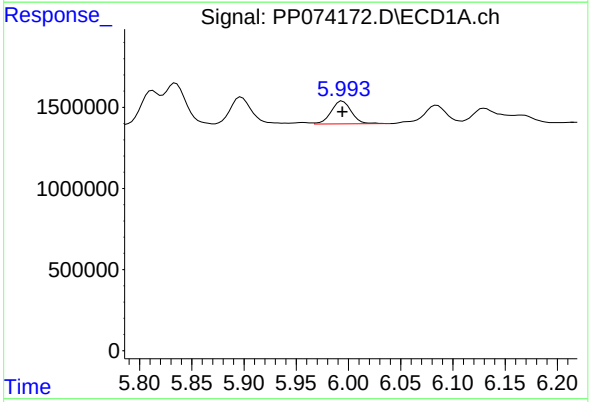
Manual Integrations APPROVED

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



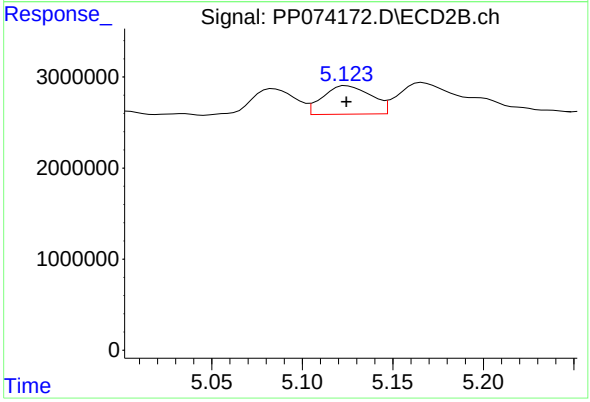
#5 AR-1016-3

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



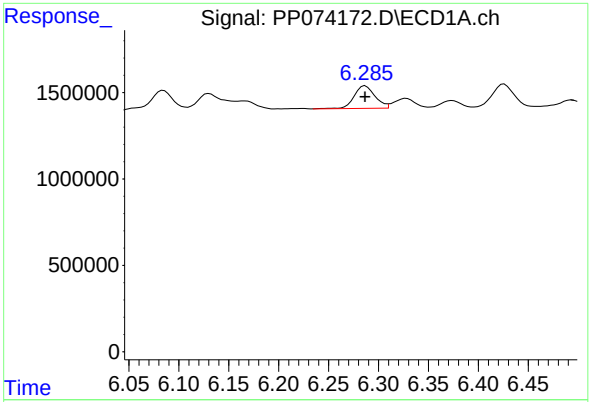
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 1899628
Conc: 58.37 ng/ml



#6 AR-1016-4

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 5793266
Conc: 53.04 ng/ml



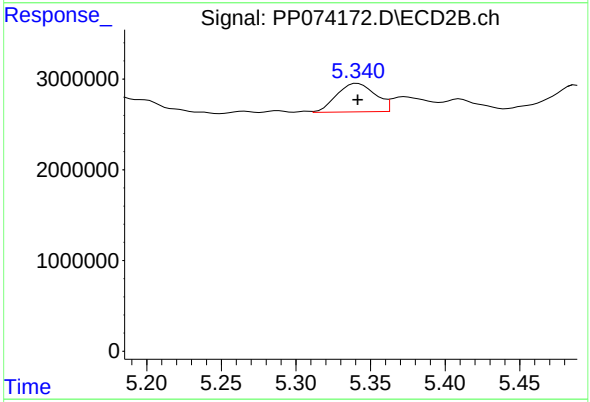
#7 AR-1016-5

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

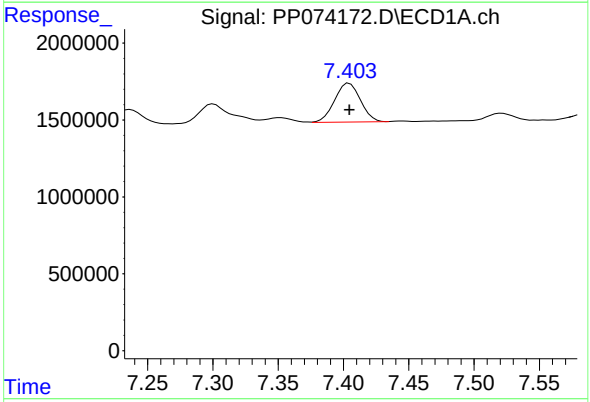
Manual Integrations APPROVED

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



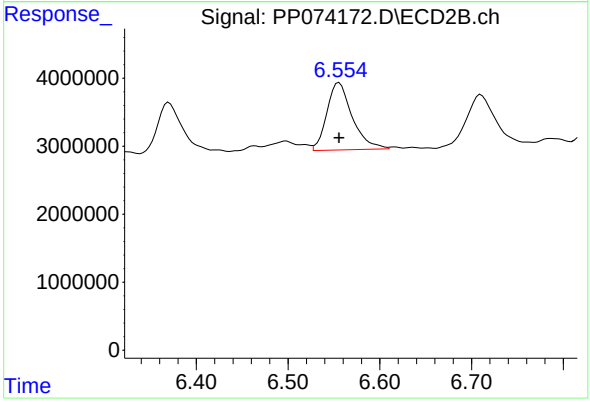
#7 AR-1016-5

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



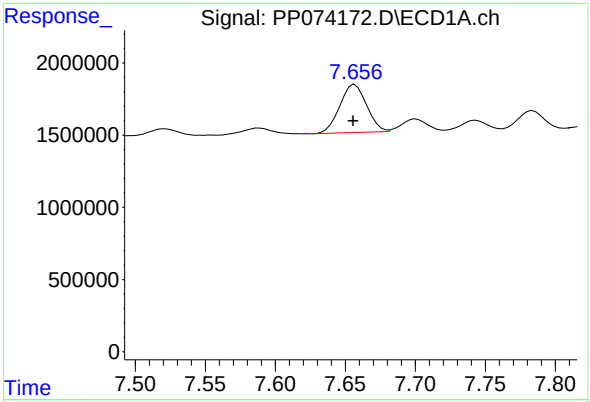
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3495993
Conc: 62.03 ng/ml



#31 AR-1260-1

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 19010301
Conc: 47.06 ng/ml



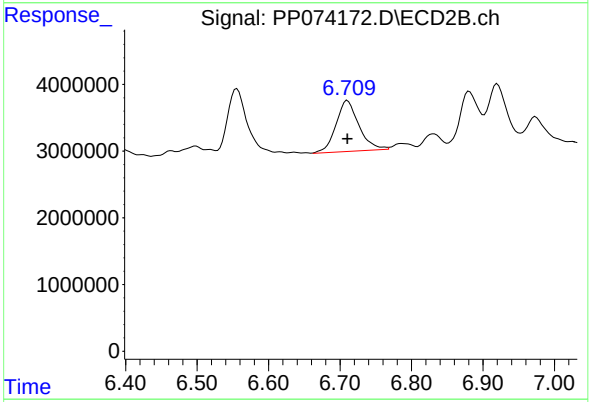
#32 AR-1260-2

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

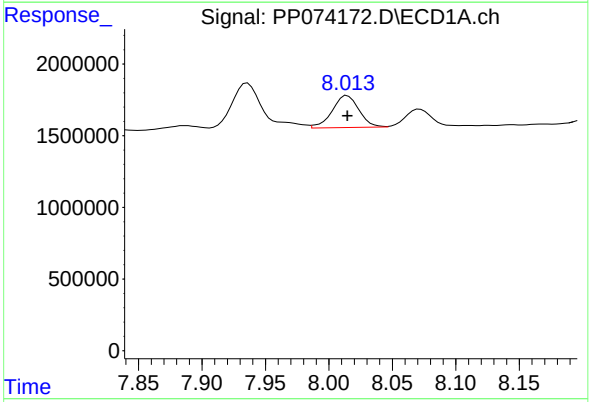
Manual Integrations APPROVED

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



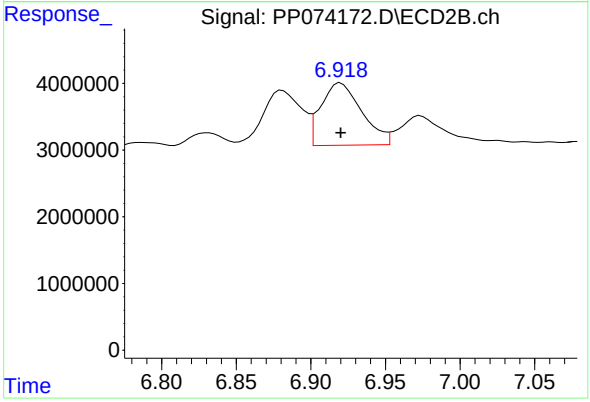
#32 AR-1260-2

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



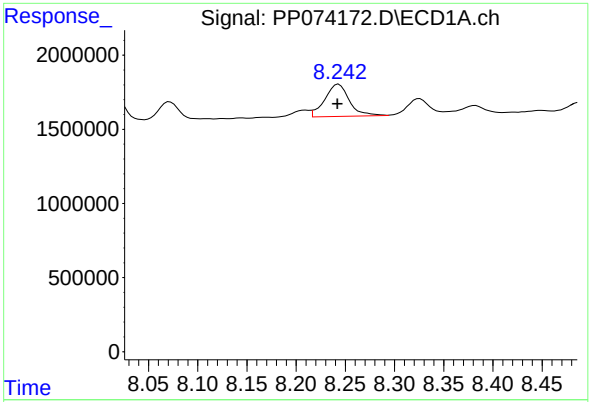
#33 AR-1260-3

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3281661
Conc: 61.57 ng/ml



#33 AR-1260-3

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 17861059
Conc: 45.32 ng/ml



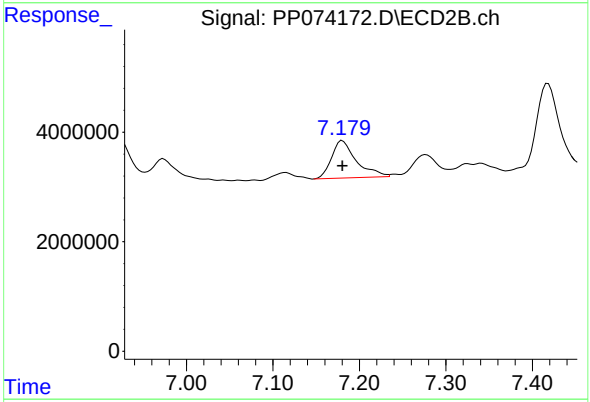
#34 AR-1260-4

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

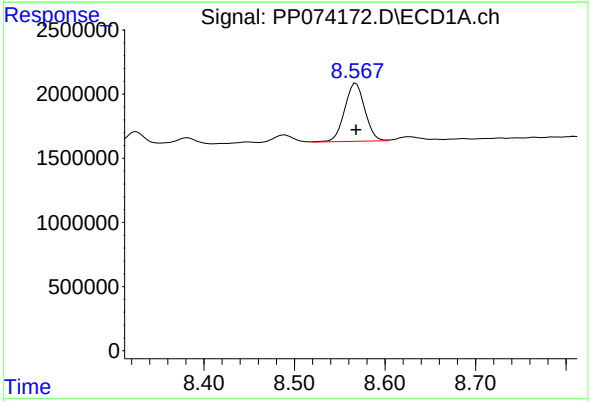
Manual Integrations APPROVED

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



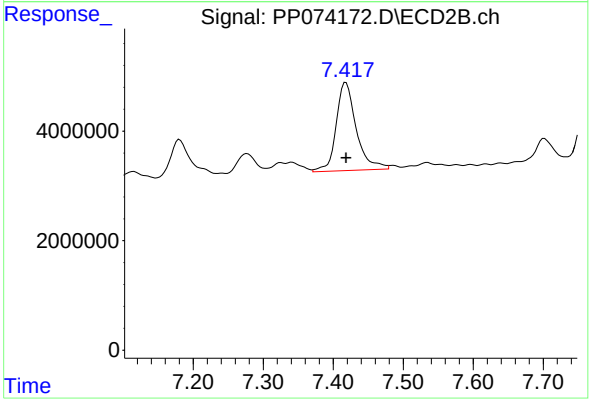
#34 AR-1260-4

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 13633196
Conc: 46.85 ng/ml



#35 AR-1260-5

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 7025863
Conc: 62.01 ng/ml



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 32144633
Conc: 42.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:14:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.803	54821028	195.8E6	50.000	50.000
2)	SA Decachlor...	10.435	8.825	46278402	298.9E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.858	4.015	8381808	24542587	500.000	500.000
9)	L2 AR-1221-2	4.944	4.100	6300527	17944660	500.000	500.000
10)	L2 AR-1221-3	5.019	4.176	18317605	67612277	500.000	500.000

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

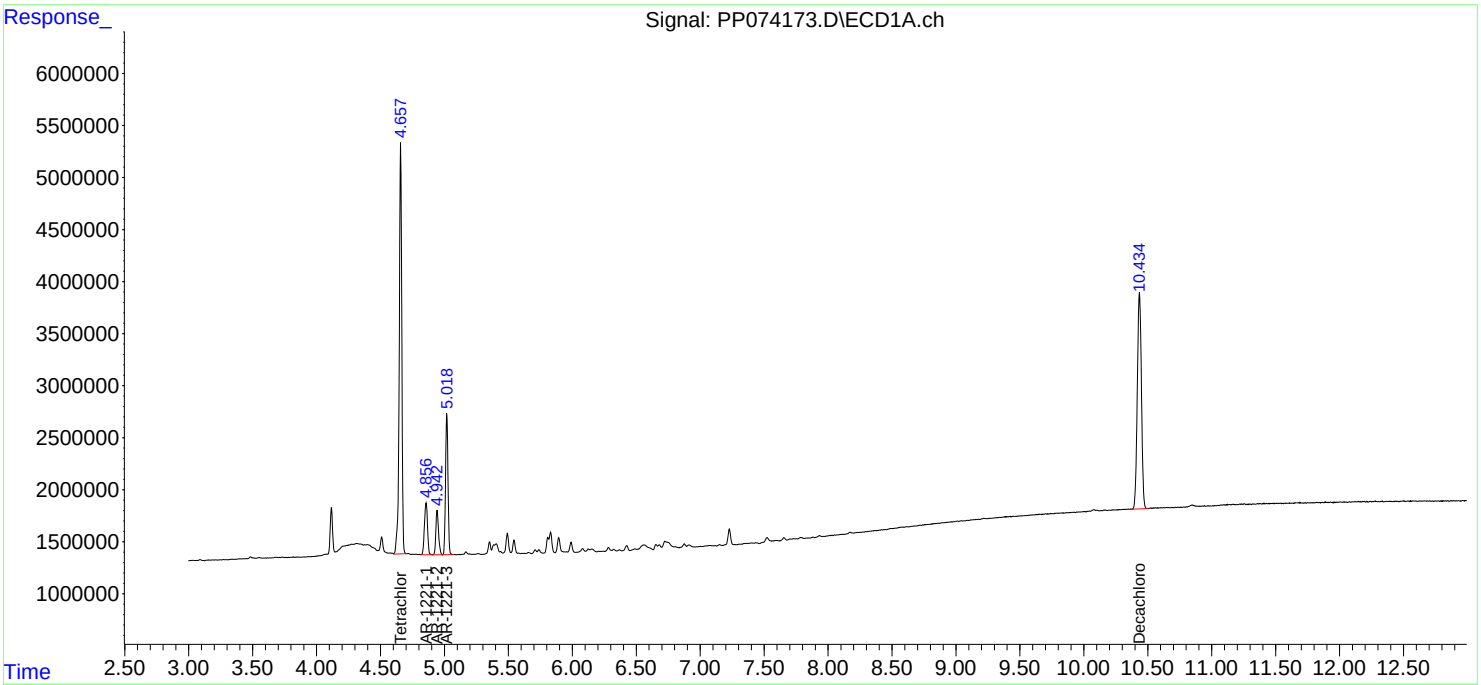
ICAL Form

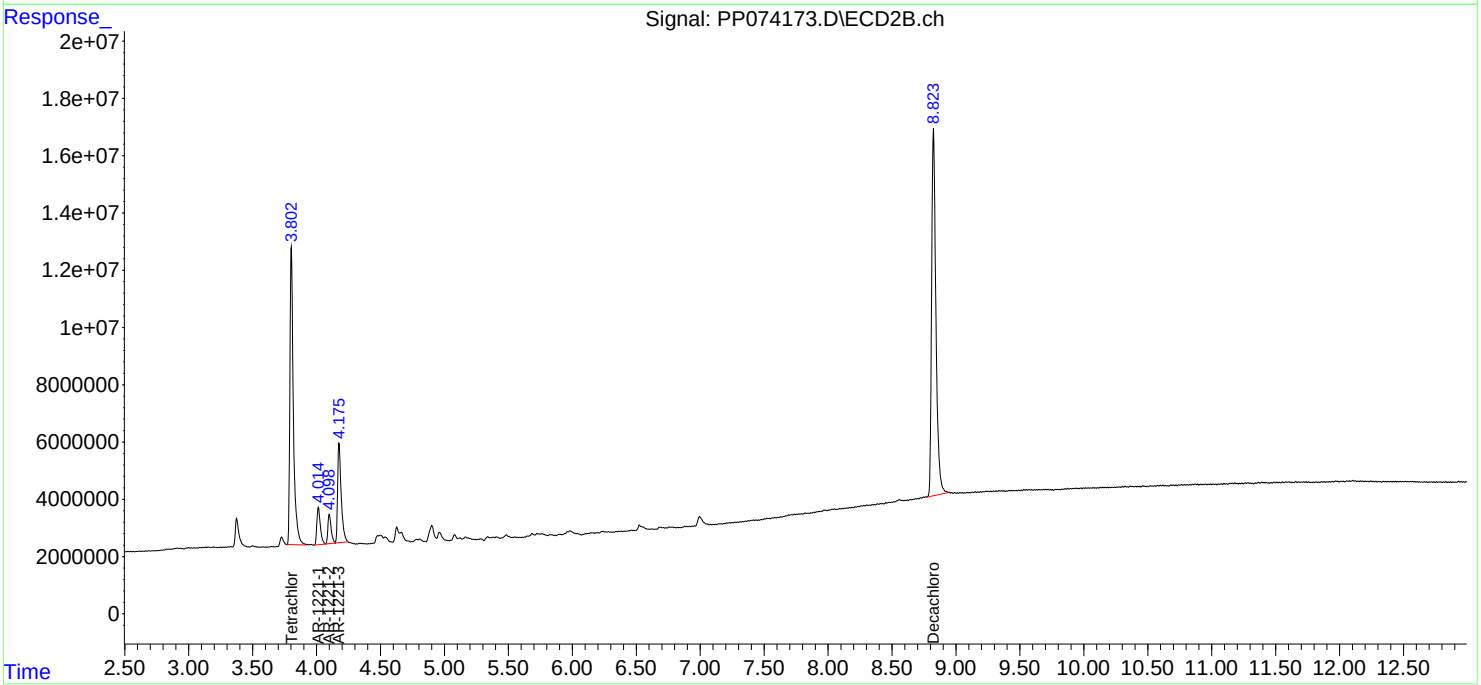
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:58
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

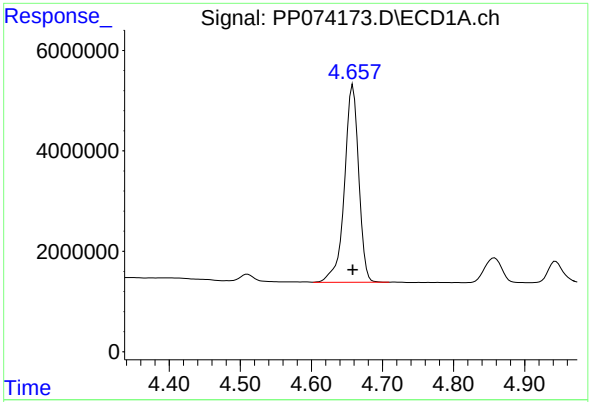
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:14:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



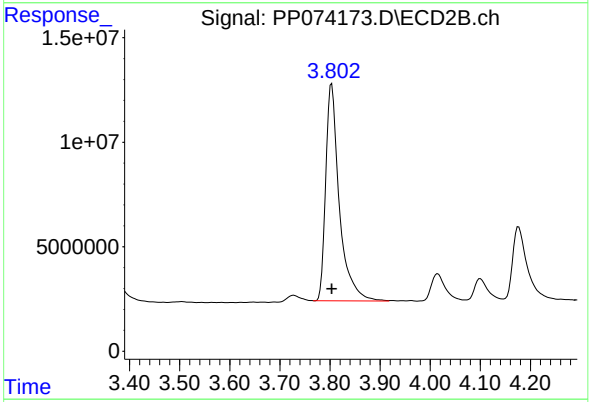




#1 Tetrachloro-m-xylene

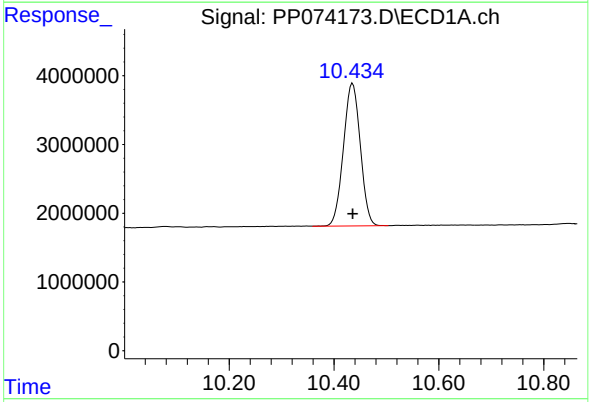
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 54821028
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



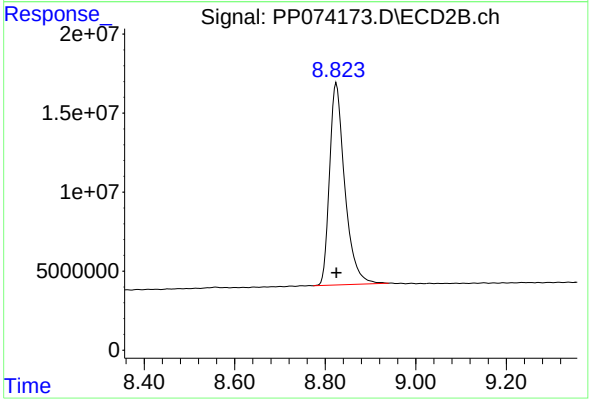
#1 Tetrachloro-m-xylene

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



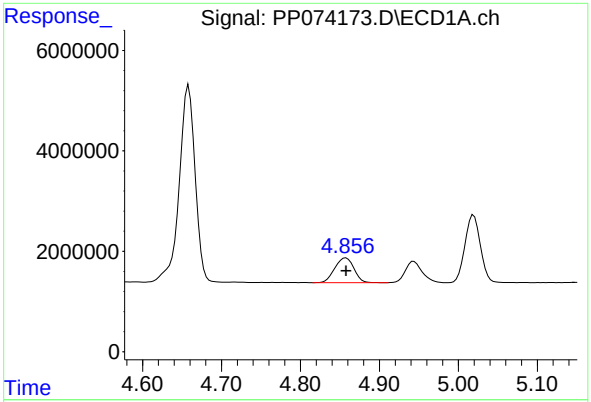
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

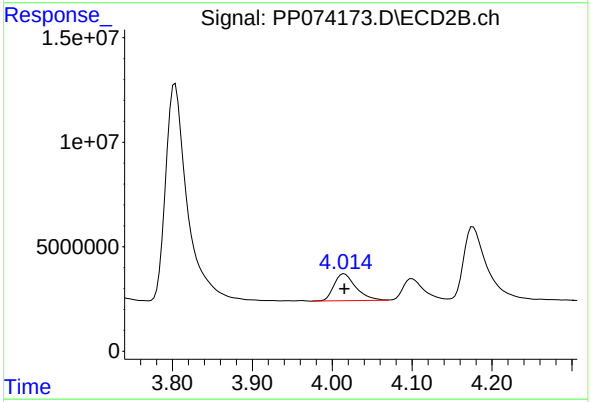
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 298854739
Conc: 50.00 ng/ml



#8 AR-1221-1

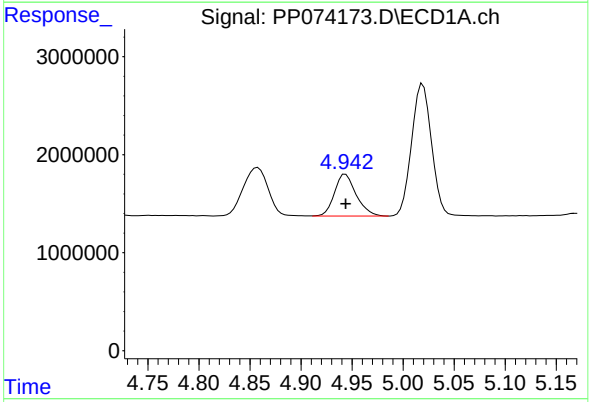
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 8381808
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



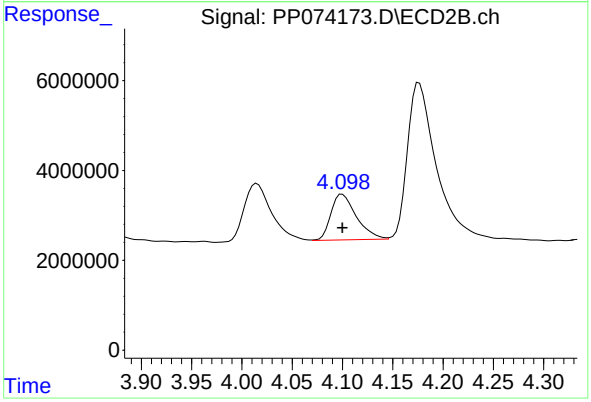
#8 AR-1221-1

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



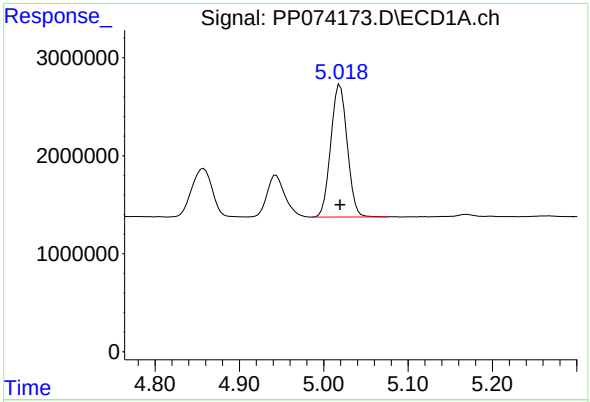
#9 AR-1221-2

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



#9 AR-1221-2

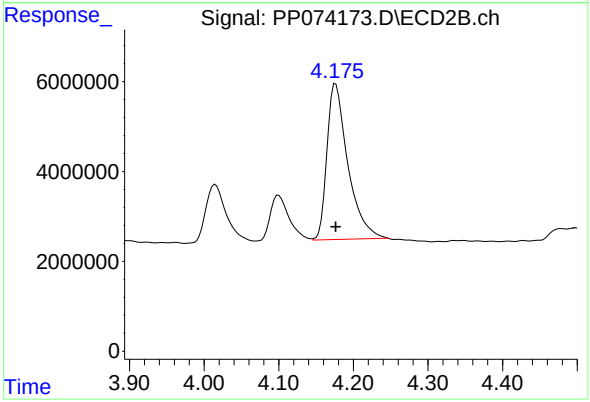
R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 17944660
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 18317605
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 67612277
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.804	54684846	201.8E6	50.000	50.000
2)	SA Decachlor...	10.437	8.826	47117835	301.0E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.020	4.177	14518661	50681220	500.000	500.000
12)	L3 AR-1232-2	5.546	4.904	7521357	87133099	500.000	500.000
13)	L3 AR-1232-3	5.832	5.081	14500854	22908311	500.000	500.000
14)	L3 AR-1232-4	5.993	5.164	7734413	29005356	500.000	502.399m
15)	L3 AR-1232-5	6.082	5.338	5858006	23489726	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

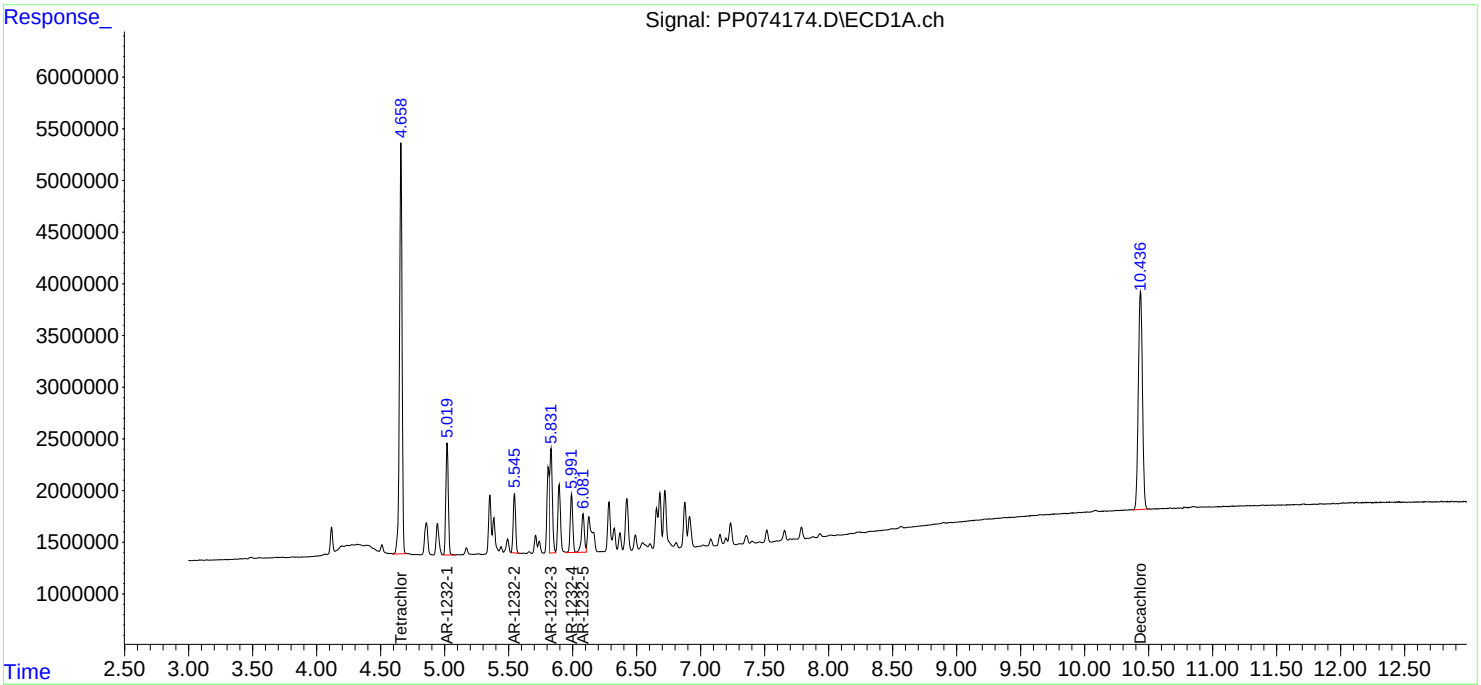
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

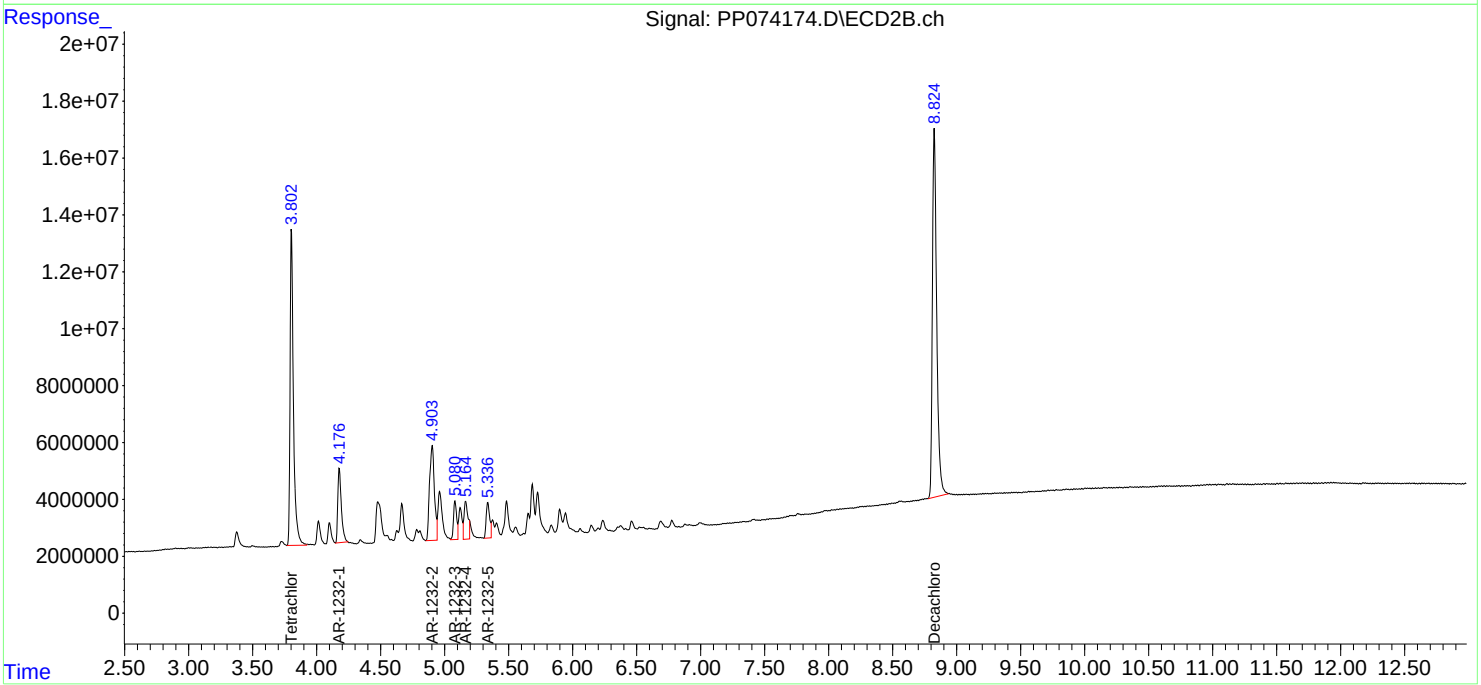
Manual Integrations APPROVED

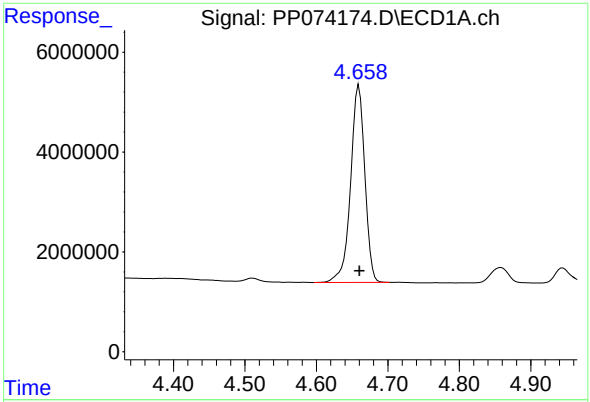
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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







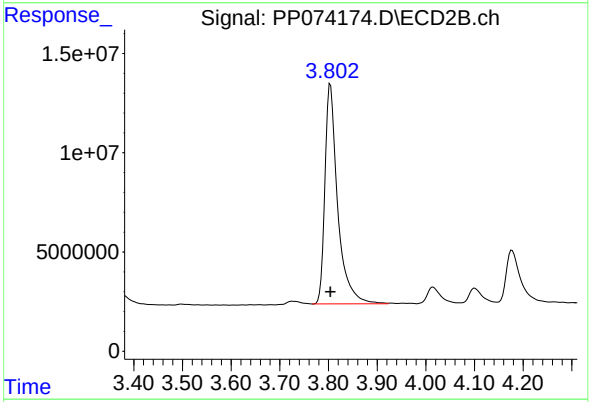
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

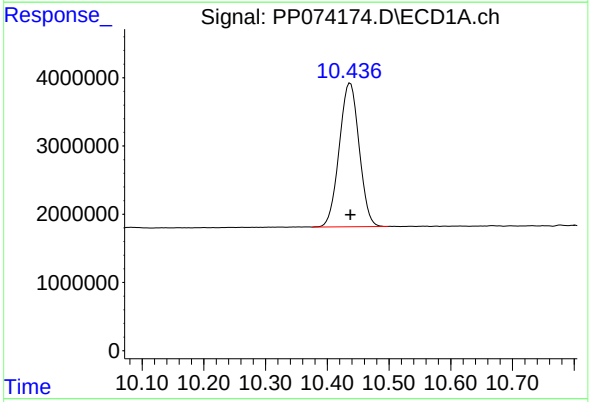
Manual Integrations APPROVED

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



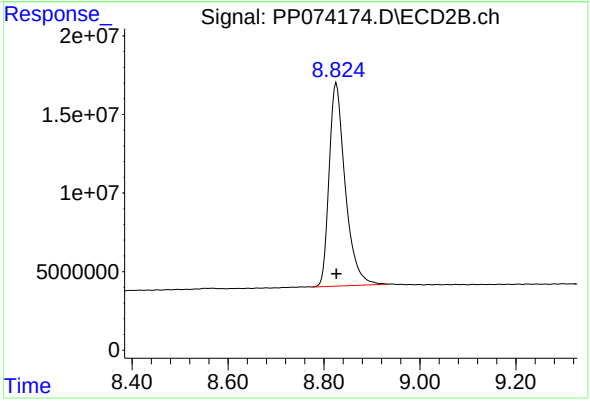
#1 Tetrachloro-m-xylene

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



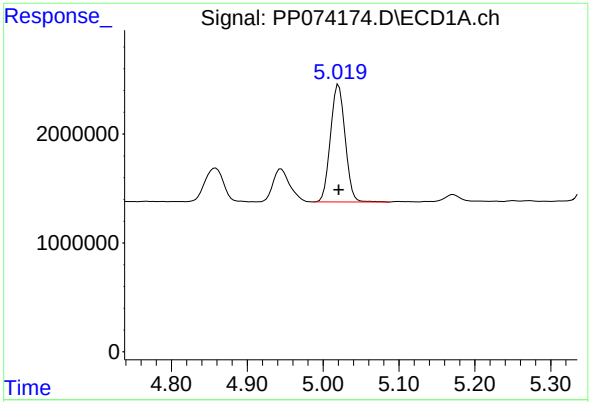
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



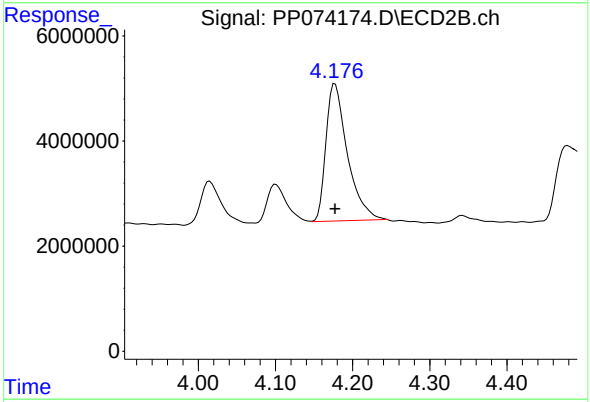
#11 AR-1232-1

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

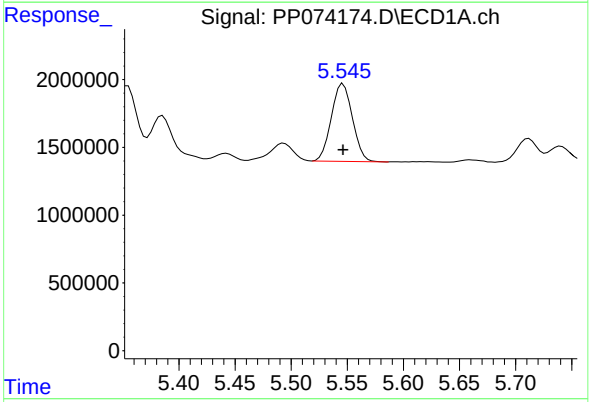
Manual Integrations APPROVED

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



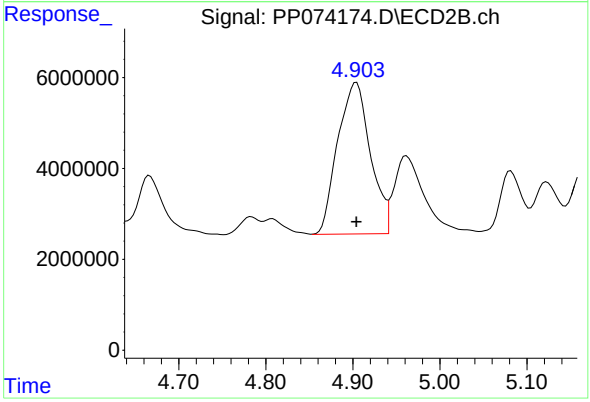
#11 AR-1232-1

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



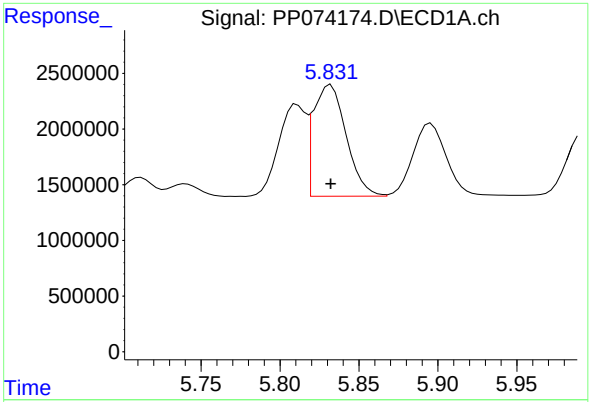
#12 AR-1232-2

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml



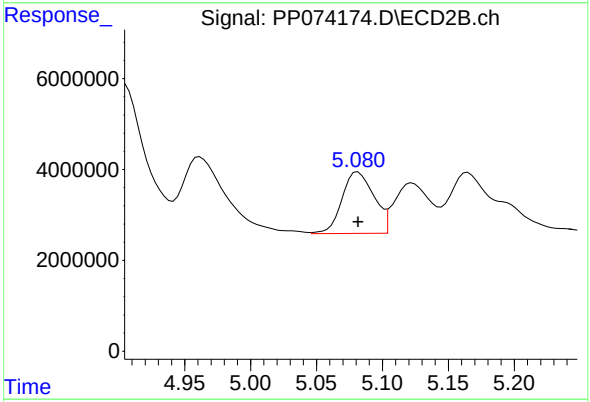
#13 AR-1232-3

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

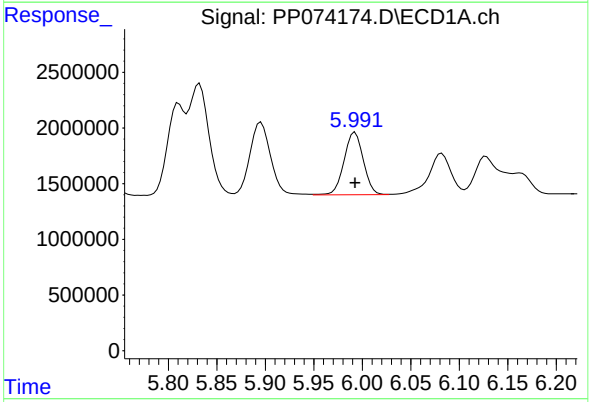
Manual Integrations APPROVED

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



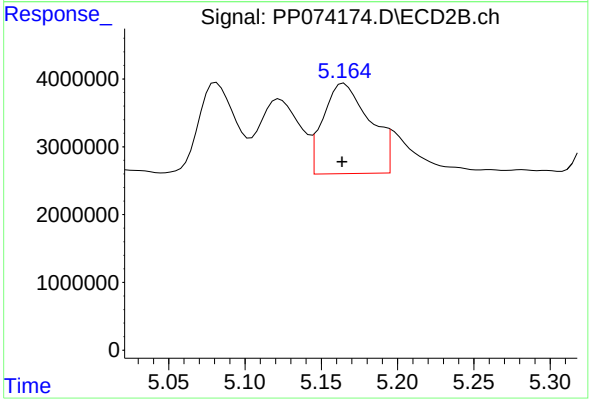
#13 AR-1232-3

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



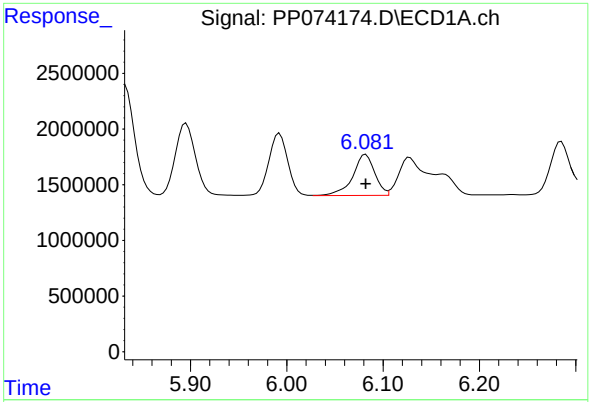
#14 AR-1232-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml



#14 AR-1232-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 29005356
Conc: 502.40 ng/ml m



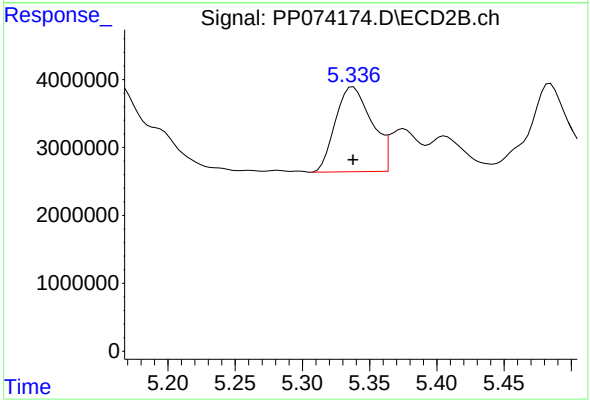
#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 5858006
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations
APPROVED

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



#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 23489726
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.804	104.3E6	438.1E6	95.872	101.577
2)	SA Decachlor...	10.436	8.825	88078600	618.2E6	94.444	98.714
	Target Compounds						
16)	L4 AR-1242-1	5.811	4.905	31512428	341.3E6	934.658	978.632
17)	L4 AR-1242-2	5.832	4.962	47421171	162.7E6	943.850	992.758
18)	L4 AR-1242-3	5.896	5.082	30290298	93075141	931.794	1005.327
19)	L4 AR-1242-4	5.992	5.164	25177060	117.3E6	934.754	940.884m
20)	L4 AR-1242-5	6.721	5.686	29128304	140.7E6	916.924	973.631

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

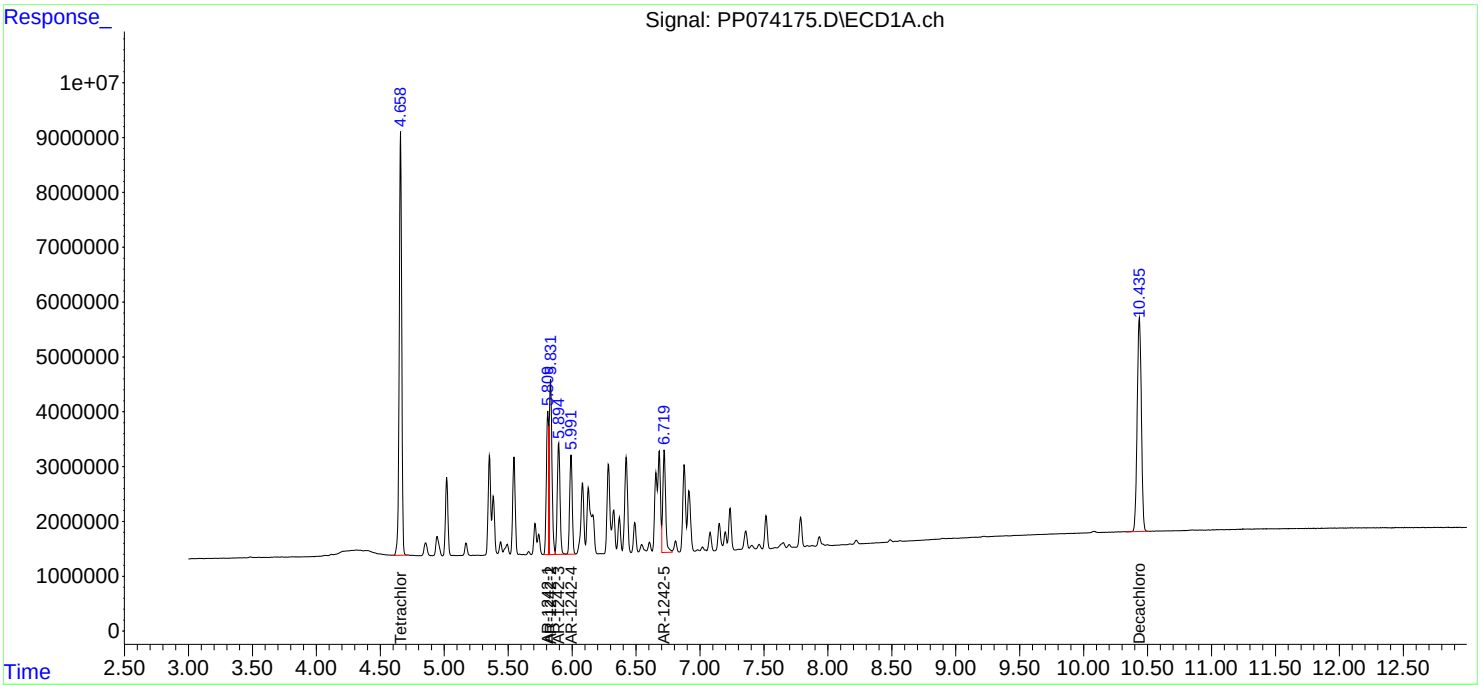
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

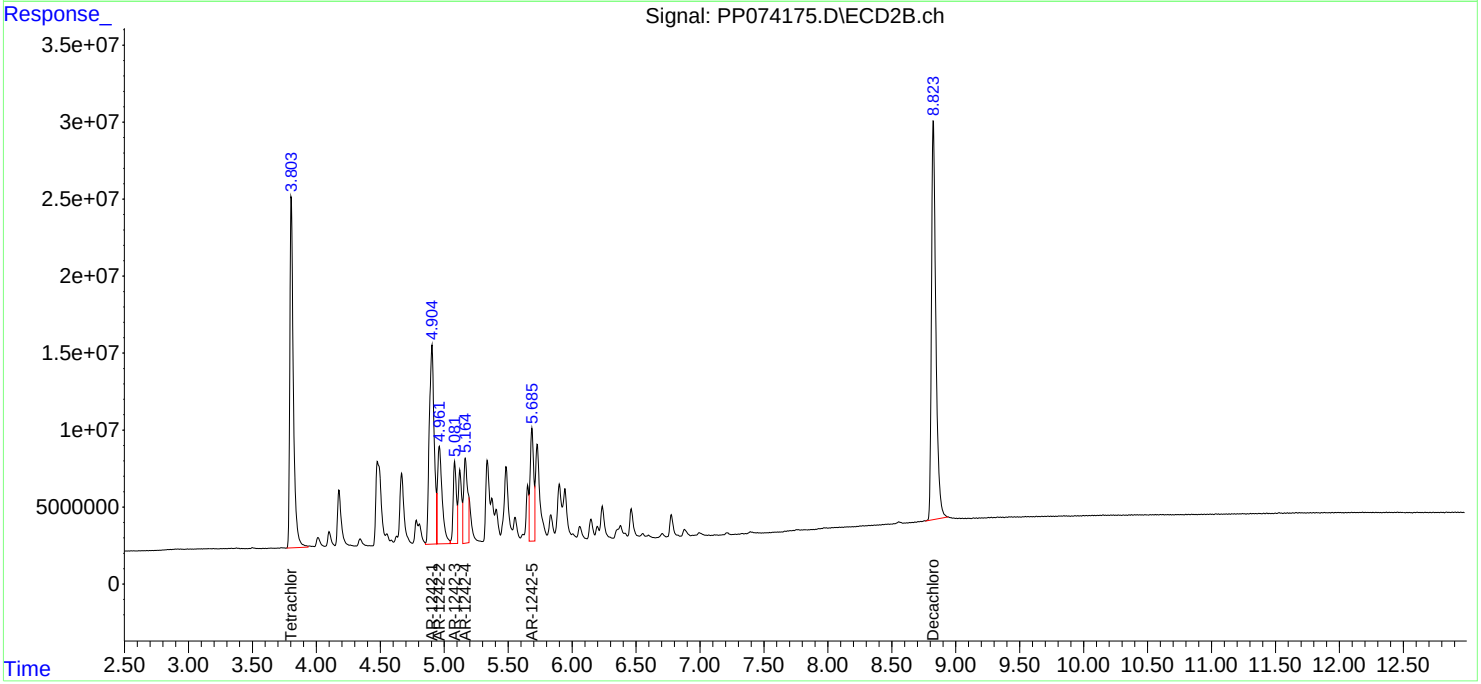
Manual Integrations APPROVED

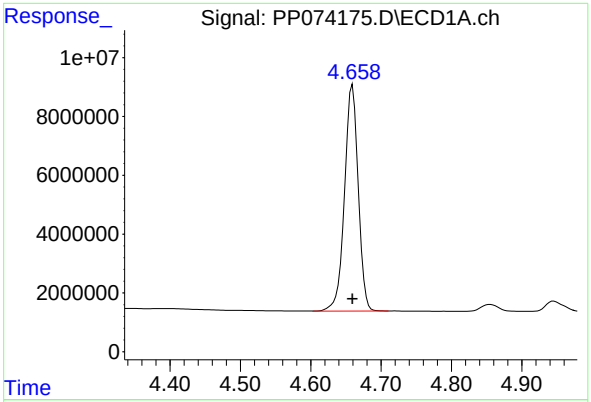
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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







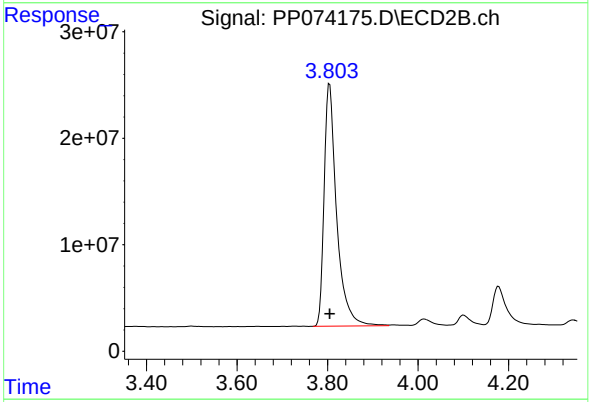
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

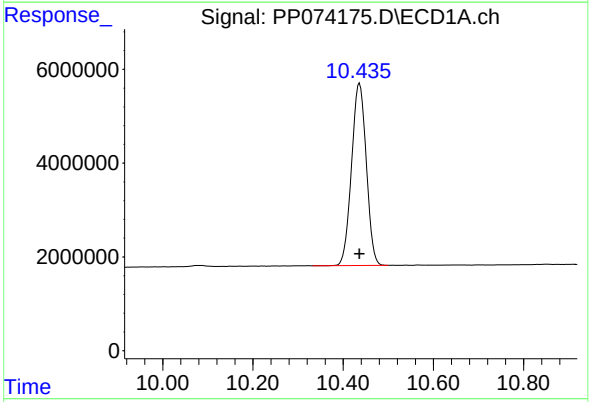
Manual Integrations APPROVED

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



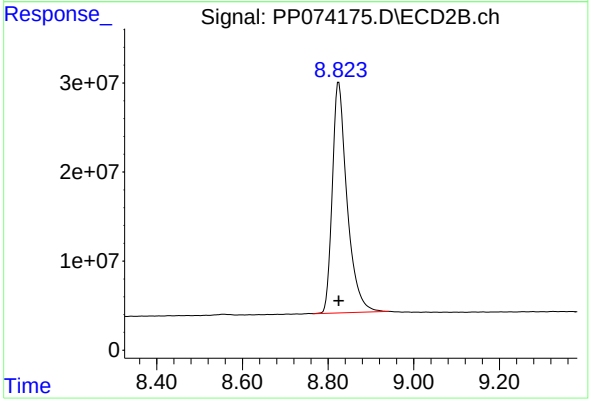
#1 Tetrachloro-m-xylene

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



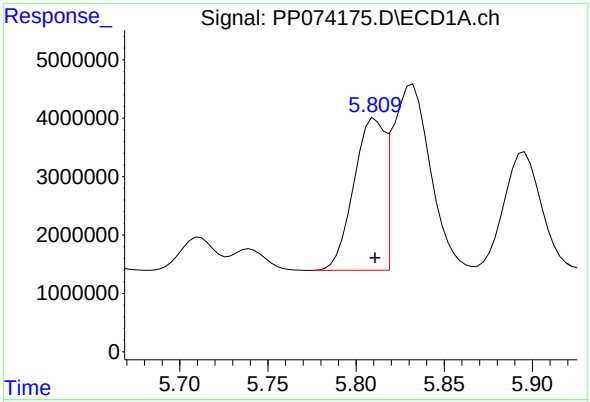
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml



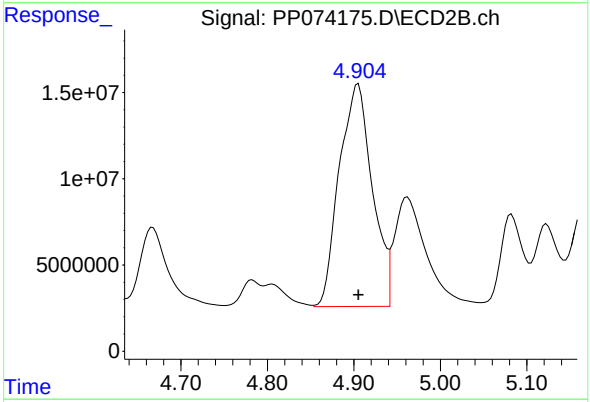
#16 AR-1242-1

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

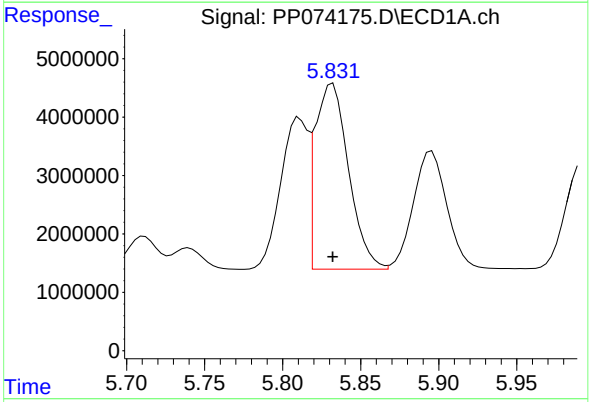
Manual Integrations APPROVED

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



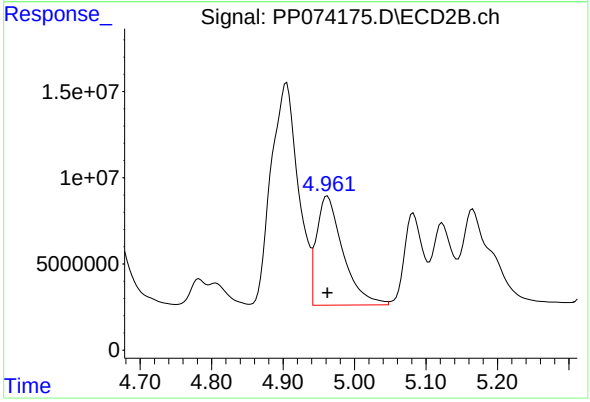
#16 AR-1242-1

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



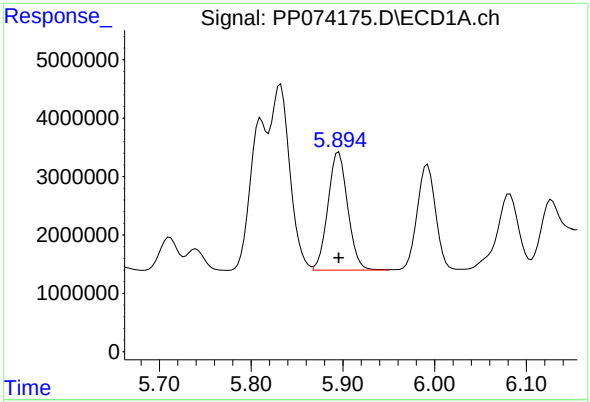
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml



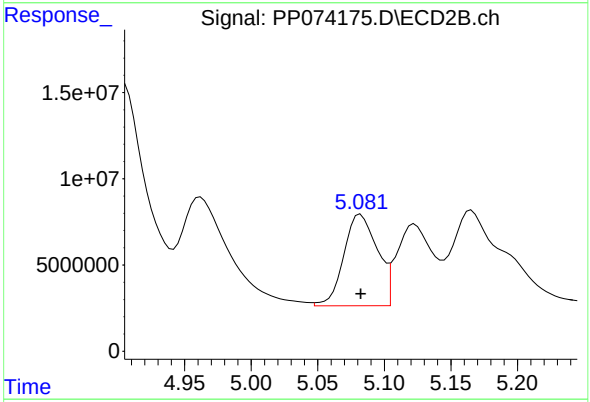
#18 AR-1242-3

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

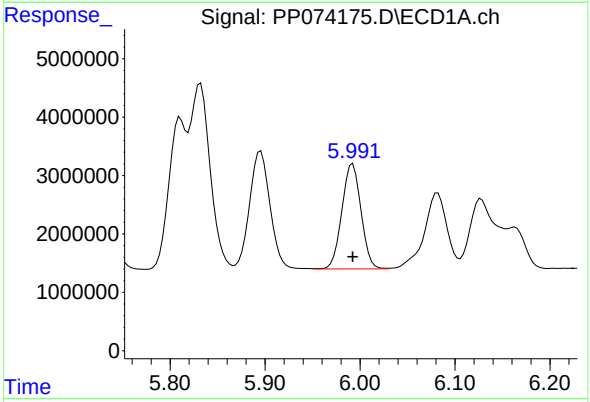
Manual Integrations APPROVED

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



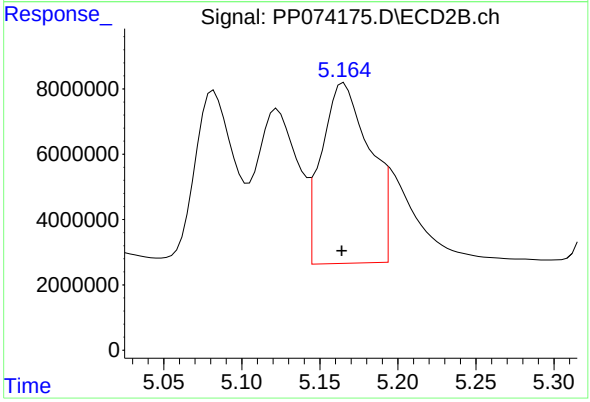
#18 AR-1242-3

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



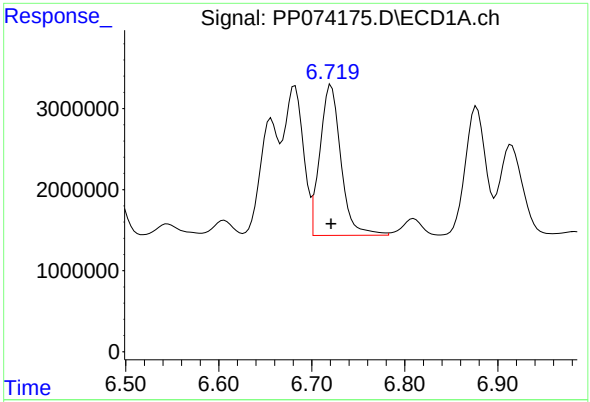
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 117292839
Conc: 940.88 ng/ml m



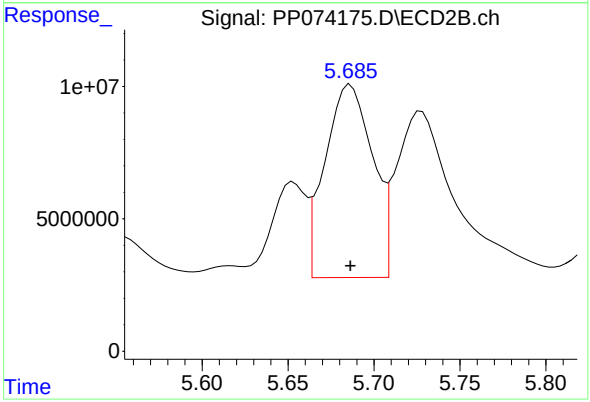
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 29128304
Conc: 916.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

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



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 140731652
Conc: 973.63 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.662	3.803	80676637	324.0E6	74.425	75.083
2)	SA Decachlor...	10.438	8.824	68962955	464.9E6	74.295	74.485
	Target Compounds						
16)	L4 AR-1242-1	5.813	4.904	25064705	261.4E6	745.599	749.732
17)	L4 AR-1242-2	5.835	4.960	37017188	128.7E6	741.131	773.381
18)	L4 AR-1242-3	5.898	5.081	24057234	72718391	743.338	773.266
19)	L4 AR-1242-4	5.995	5.163	19974989	87588686	744.389	713.205m
20)	L4 AR-1242-5	6.724	5.685	24065795	114.3E6	755.025	776.822

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

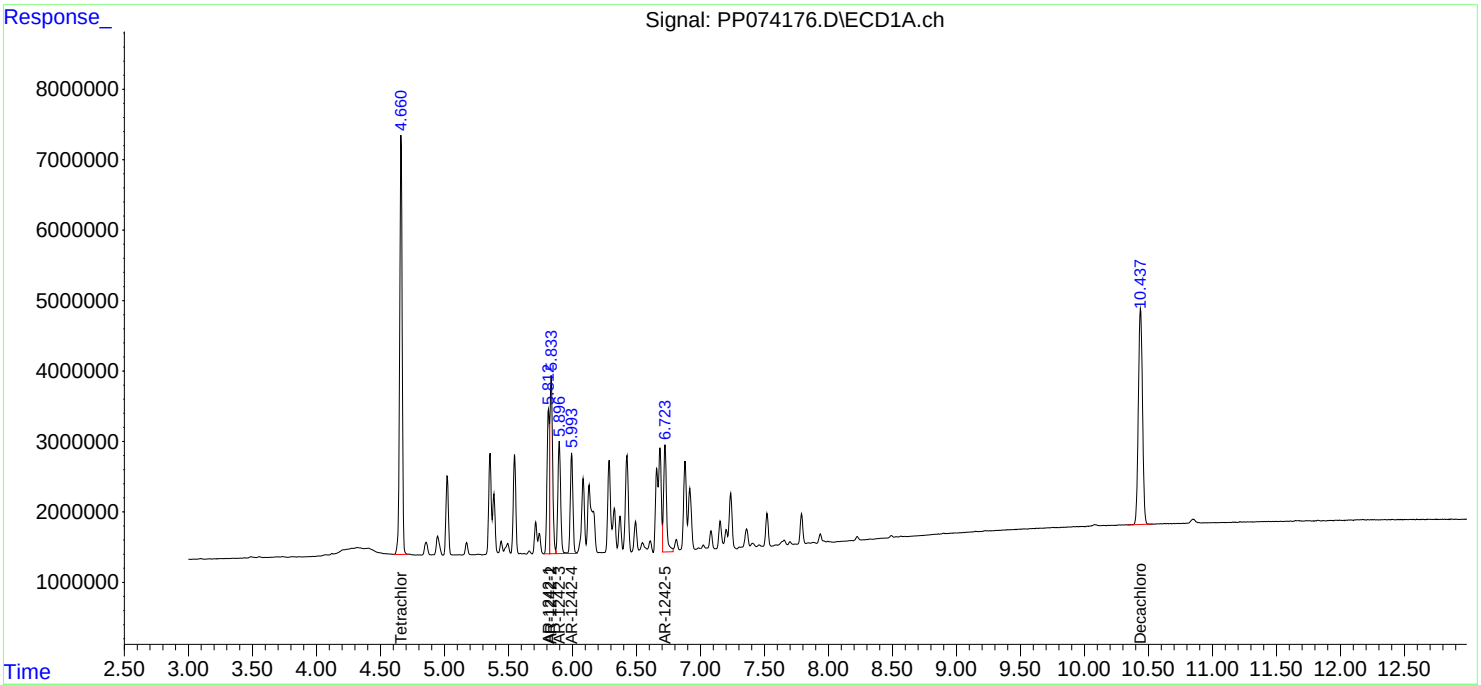
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

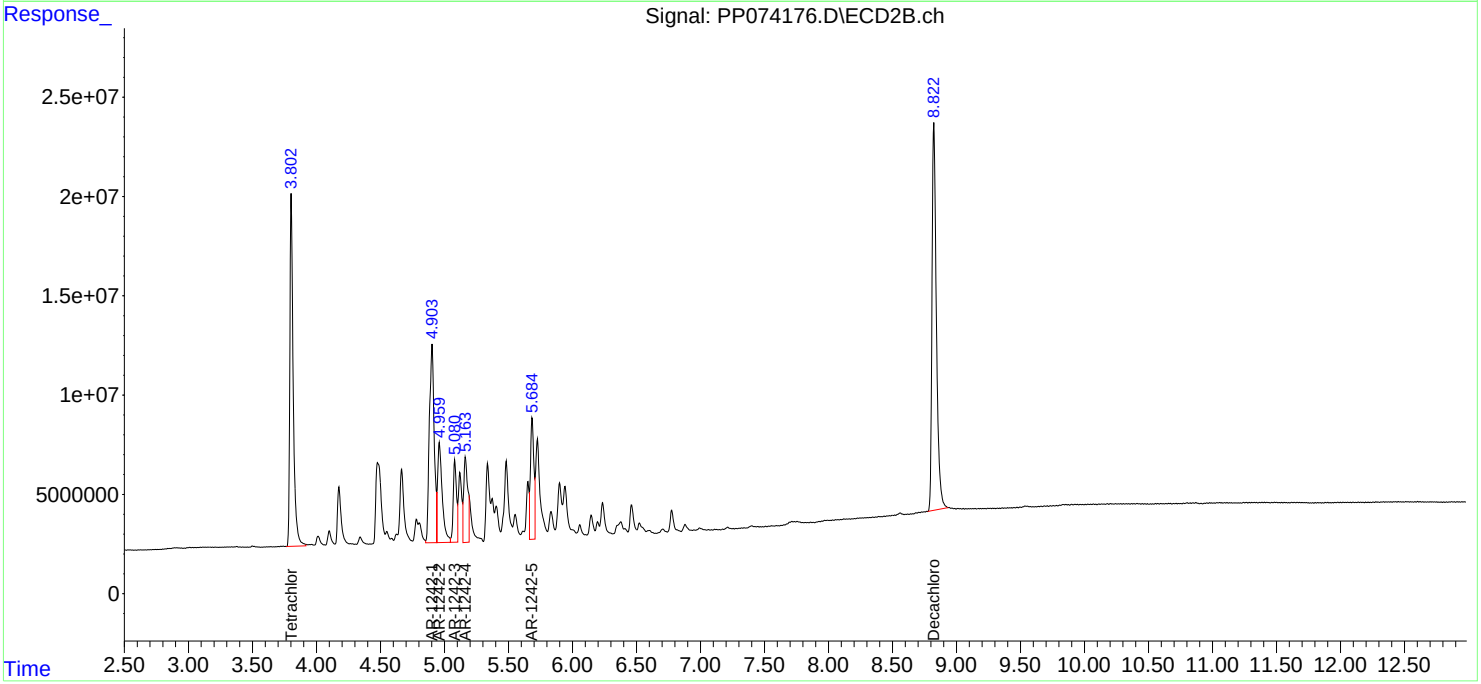
Manual Integrations APPROVED

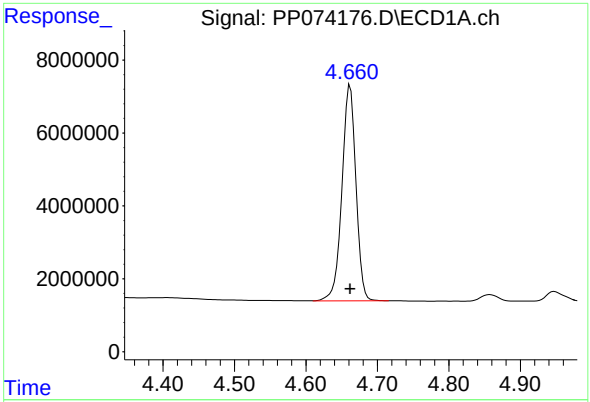
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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







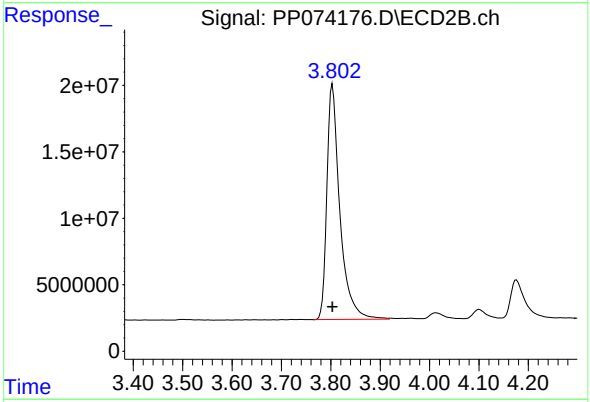
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

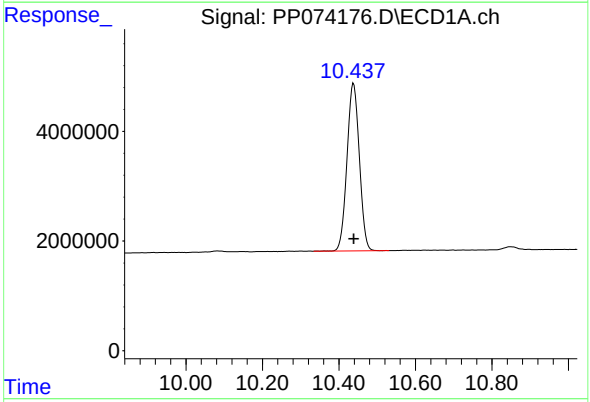
Manual Integrations
APPROVED

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



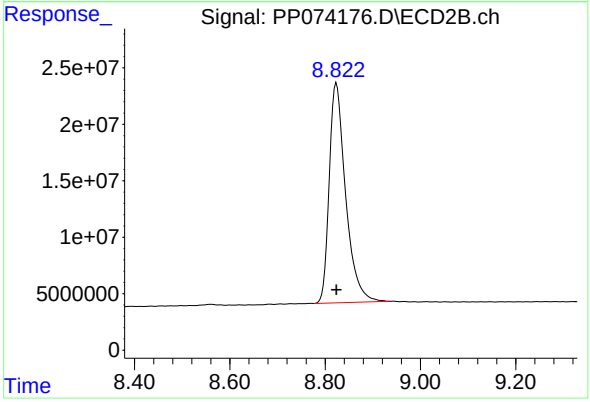
#1 Tetrachloro-m-xylene

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



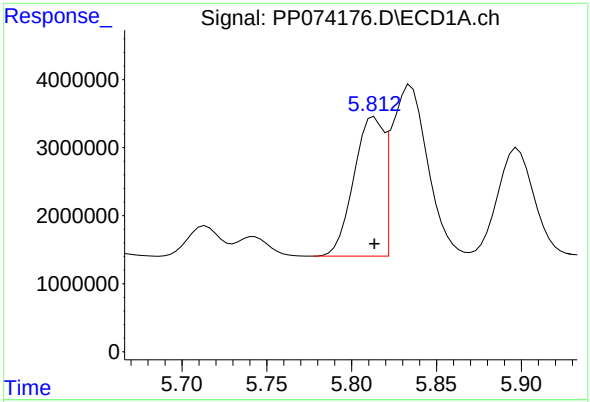
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



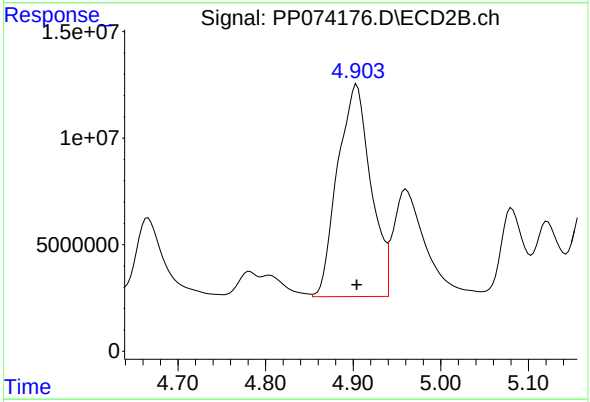
#16 AR-1242-1

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

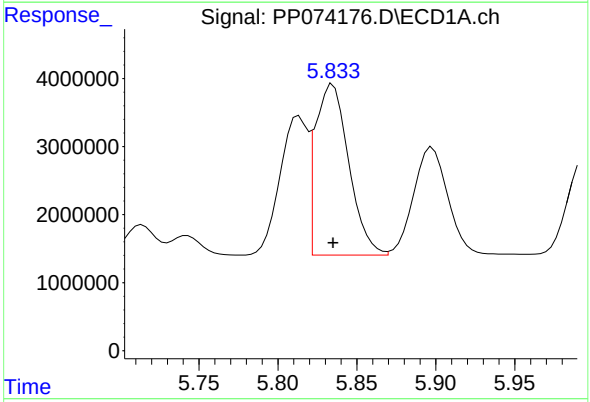
Manual Integrations APPROVED

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



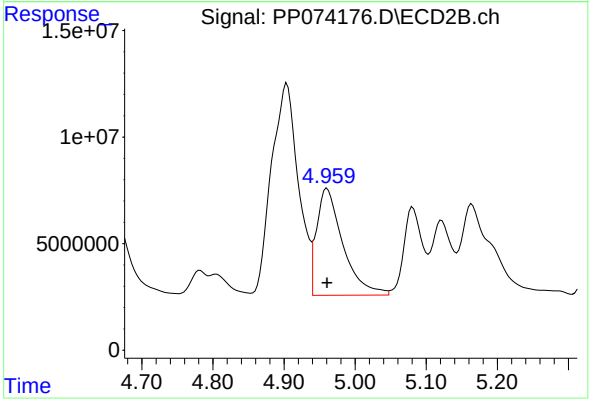
#16 AR-1242-1

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



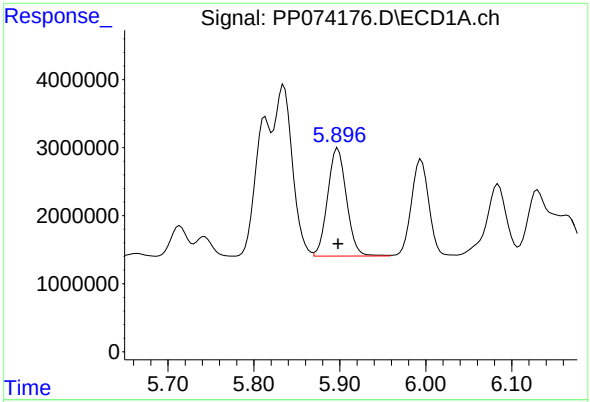
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



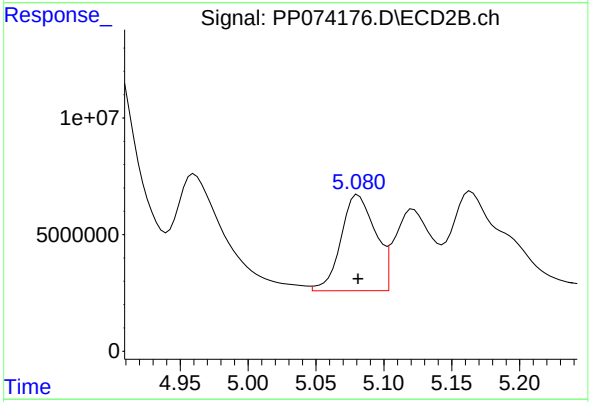
#18 AR-1242-3

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

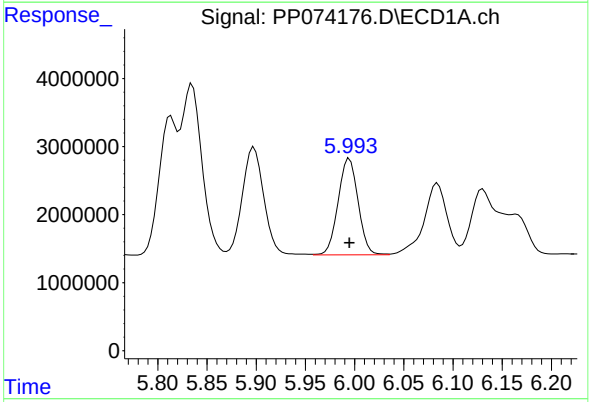
Manual Integrations APPROVED

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



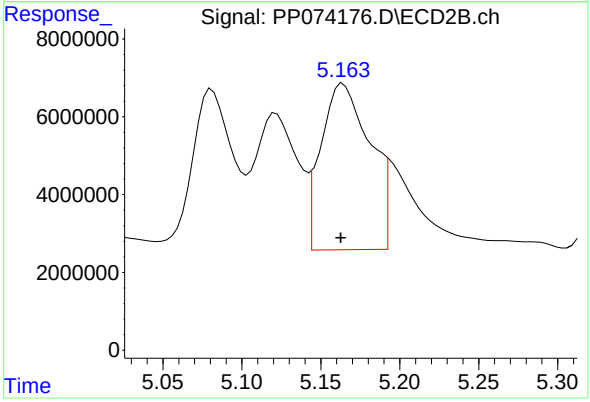
#18 AR-1242-3

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



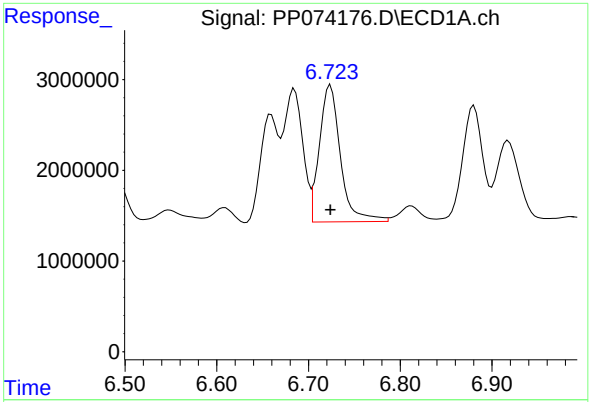
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 87588686
Conc: 713.20 ng/ml m



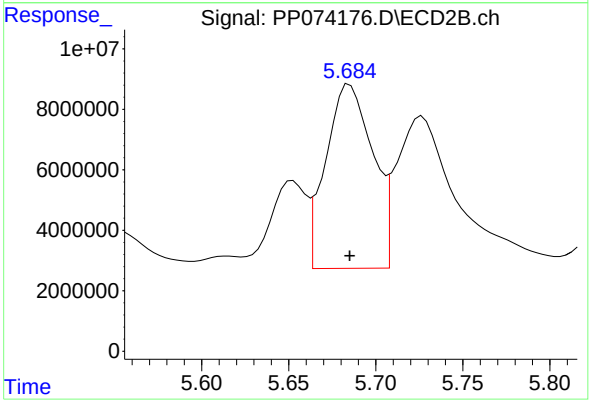
#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 24065795
Conc: 755.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

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



#20 AR-1242-5

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 114328693
Conc: 776.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.805	56653742	212.2E6	50.000	50.000
2)	SA Decachlor...	10.434	8.826	49220928	317.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.808	4.905	17959256	178.1E6	500.000	500.000
17)	L4 AR-1242-2	5.830	4.963	26531667	82516708	500.000	500.000
18)	L4 AR-1242-3	5.893	5.084	17362372	46044427	500.000	500.000
19)	L4 AR-1242-4	5.990	5.164	14345906	63188535	500.000	505.329m
20)	L4 AR-1242-5	6.719	5.687	17203244	74177320	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

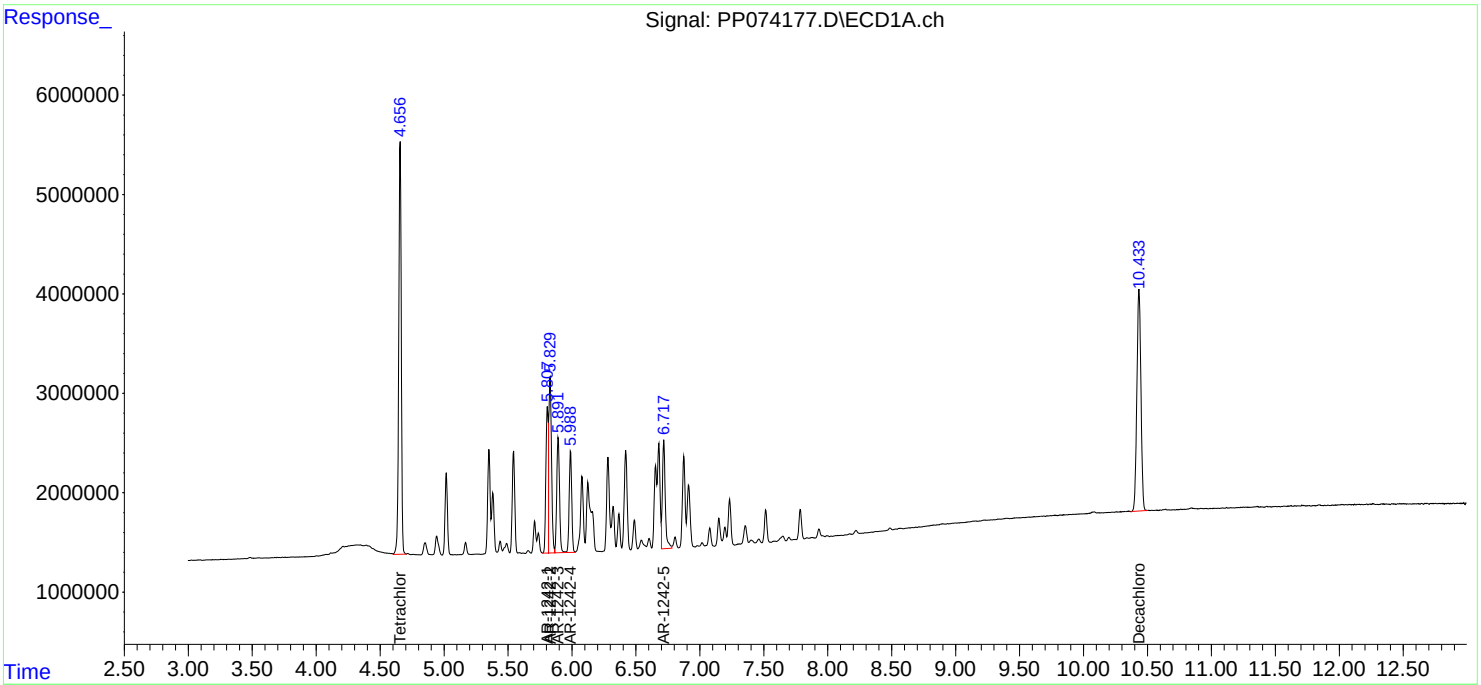
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

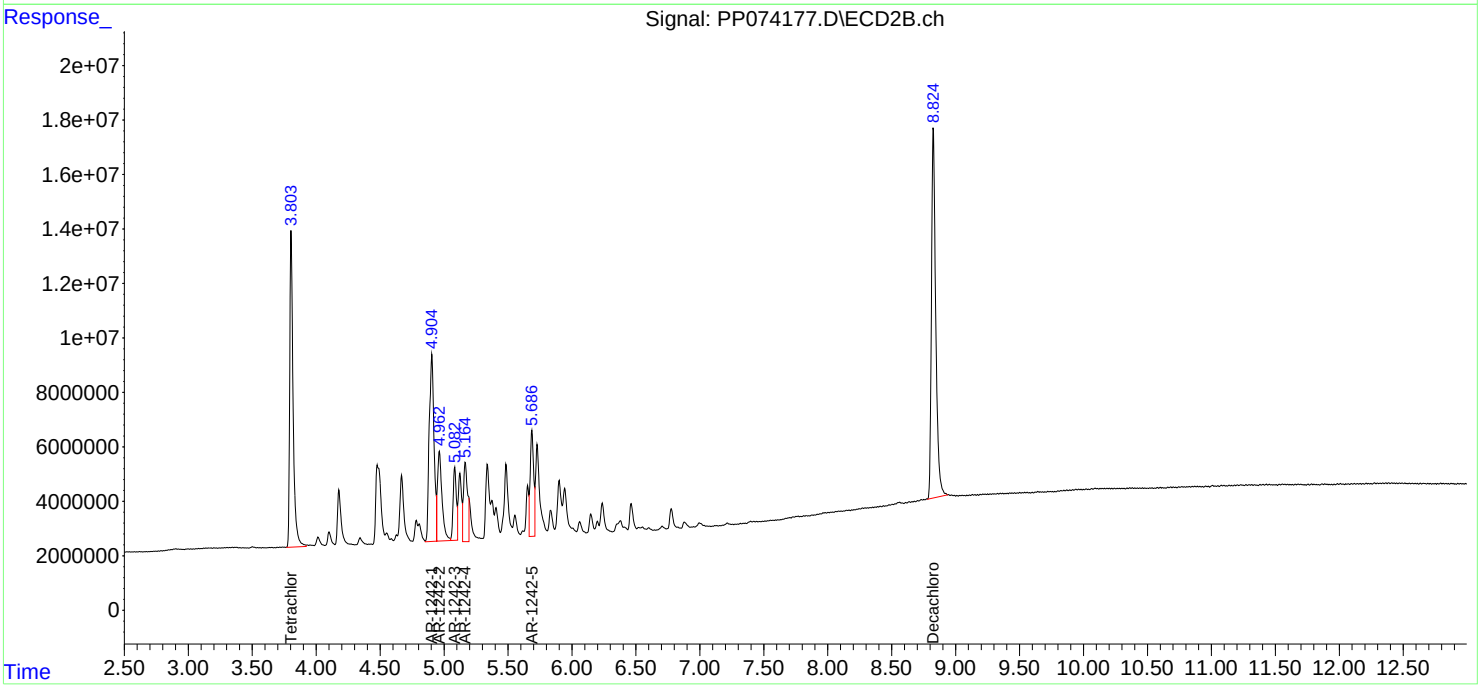
Manual Integrations APPROVED

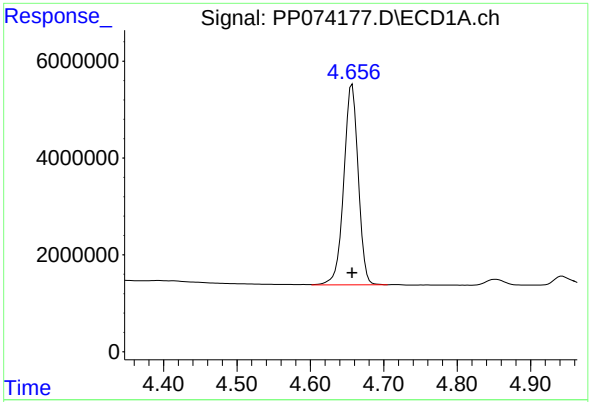
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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







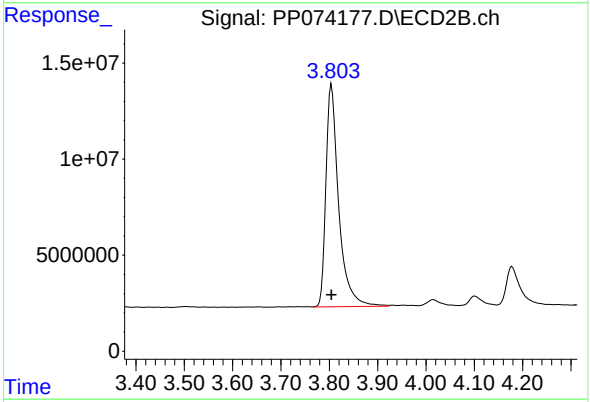
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

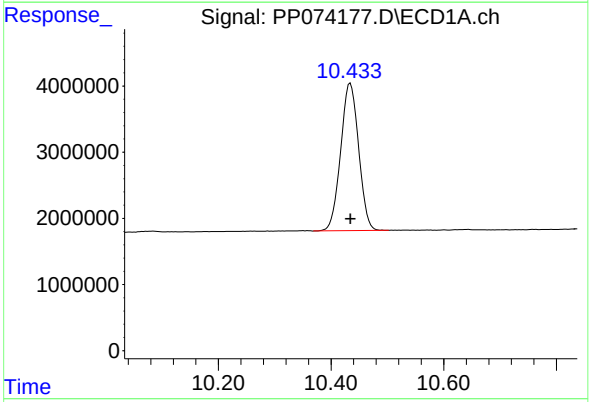
Manual Integrations APPROVED

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



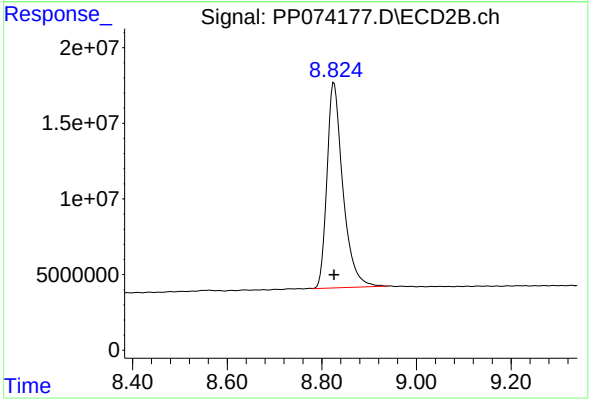
#1 Tetrachloro-m-xylene

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



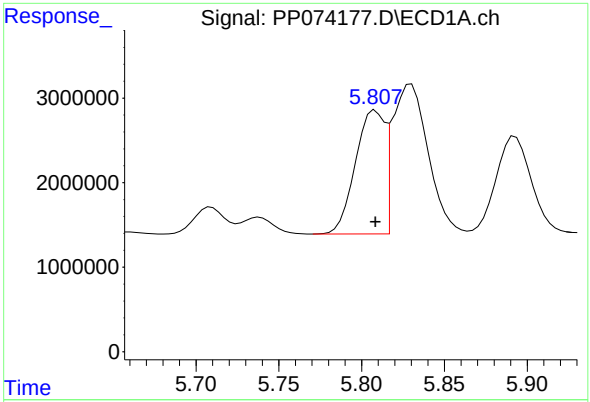
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



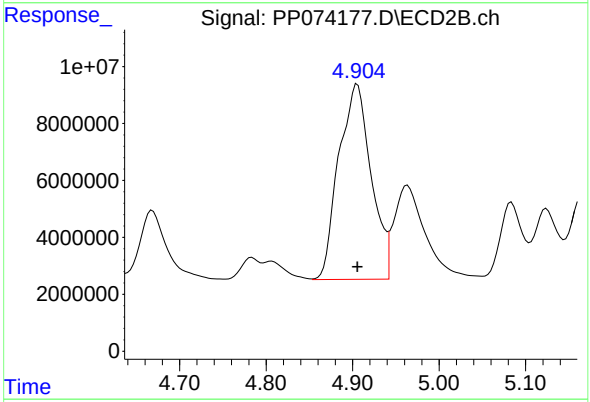
#16 AR-1242-1

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

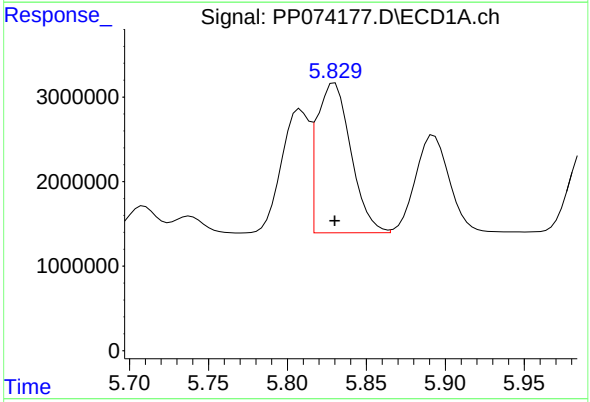
Manual Integrations
APPROVED

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



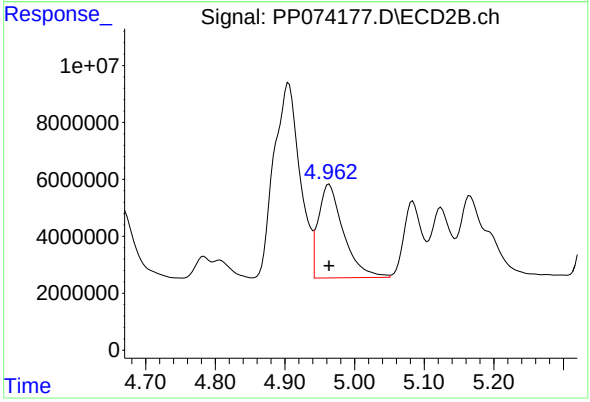
#16 AR-1242-1

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



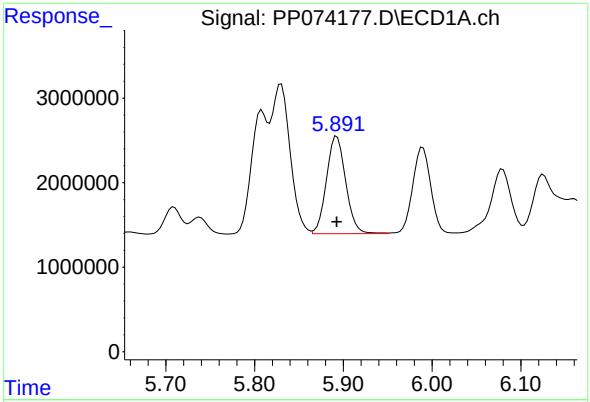
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



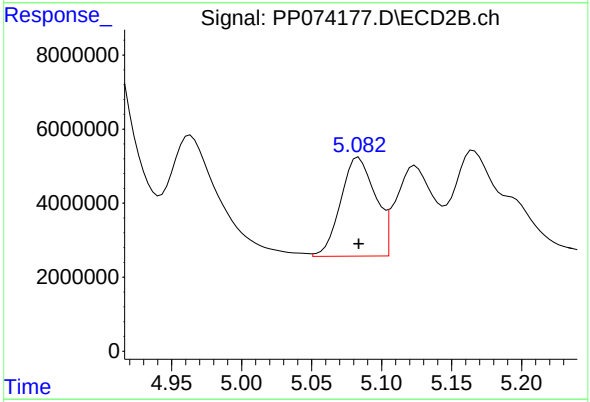
#18 AR-1242-3

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

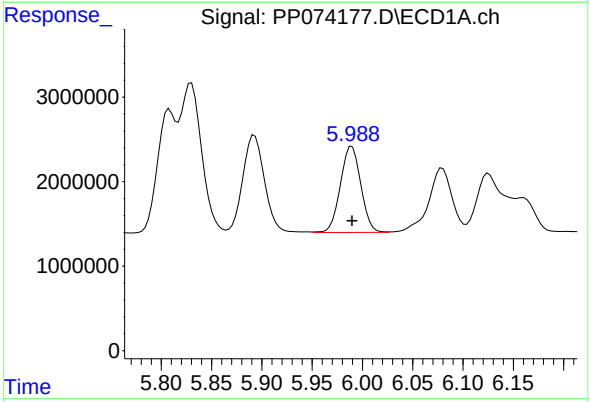
Manual Integrations APPROVED

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



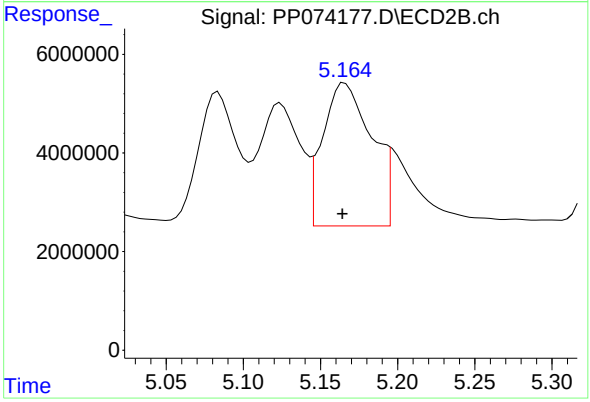
#18 AR-1242-3

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



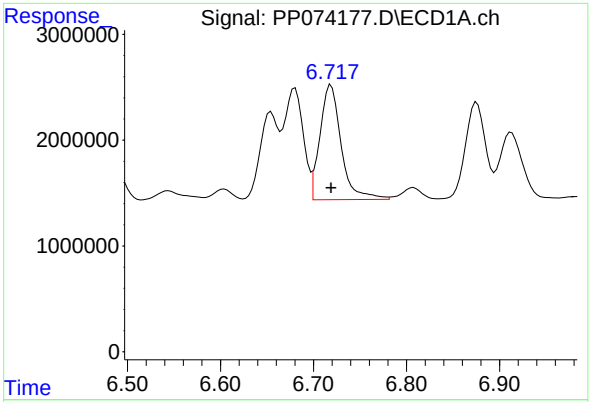
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 63188535
Conc: 505.33 ng/ml m



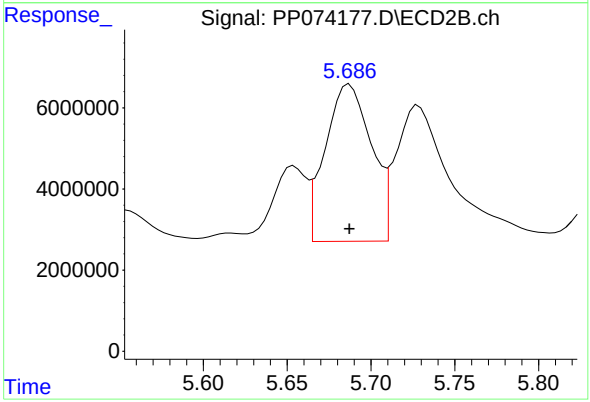
#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 17203244
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 74177320
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.662	3.805	30064825	99448361	26.997	23.506
2)	SA Decachlor...	10.436	8.824	26416078	156.4E6	27.507	25.039
	Target Compounds						
16)	L4 AR-1242-1	5.812	4.906	9924005	89565172	282.440	255.127
17)	L4 AR-1242-2	5.834	4.964	14472673	42174411	278.680	252.533
18)	L4 AR-1242-3	5.897	5.084	9547202	24305838	282.294	256.293
19)	L4 AR-1242-4	5.994	5.165	7737538	30145402	277.699	249.527m
20)	L4 AR-1242-5	6.721	5.687	9674193	38870481	289.648m	260.436

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

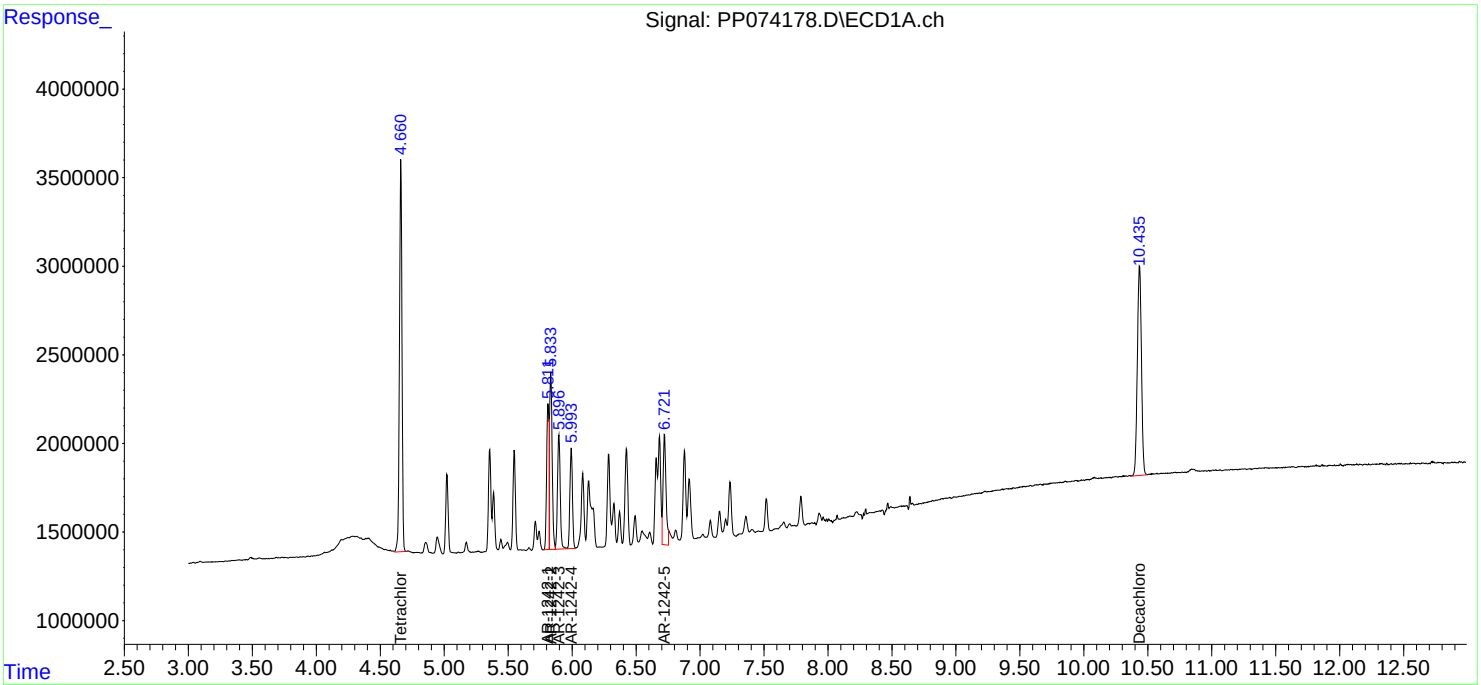
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

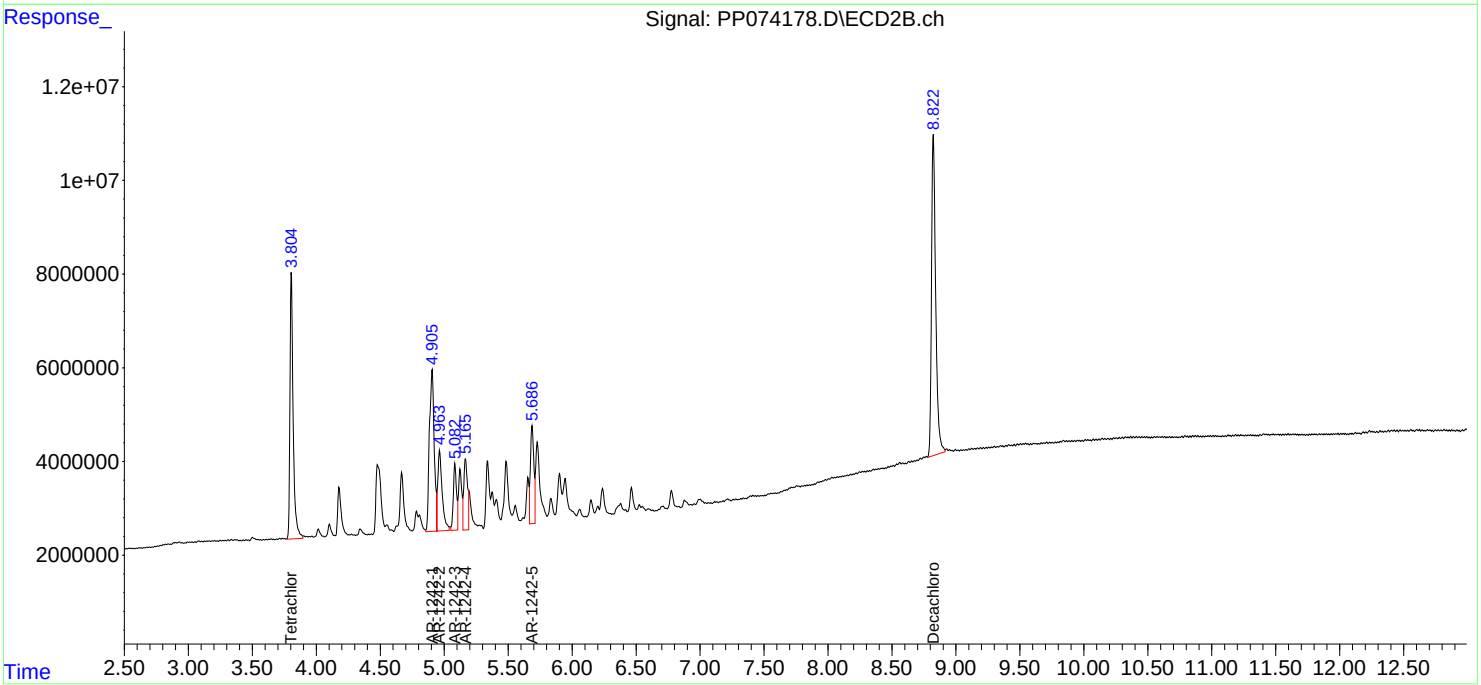
Manual Integrations APPROVED

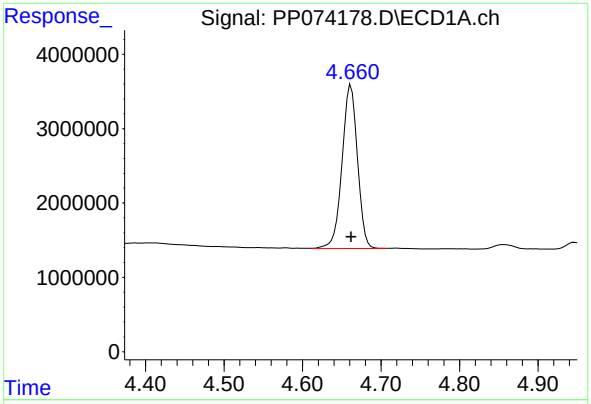
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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







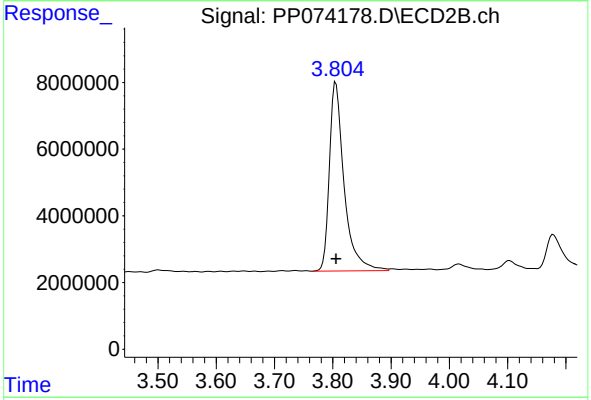
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

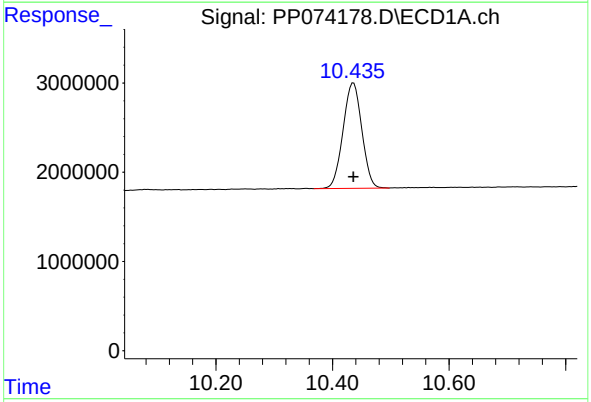
Manual Integrations
APPROVED

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



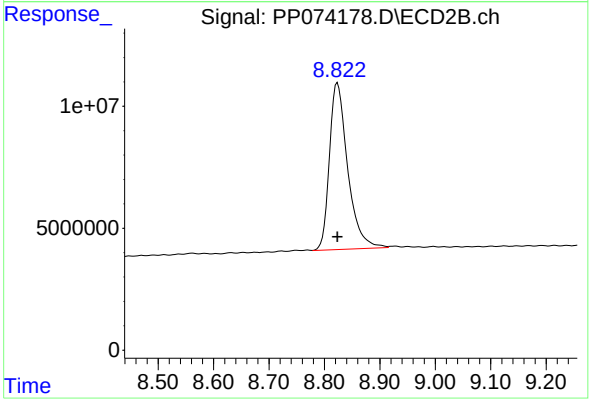
#1 Tetrachloro-m-xylene

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



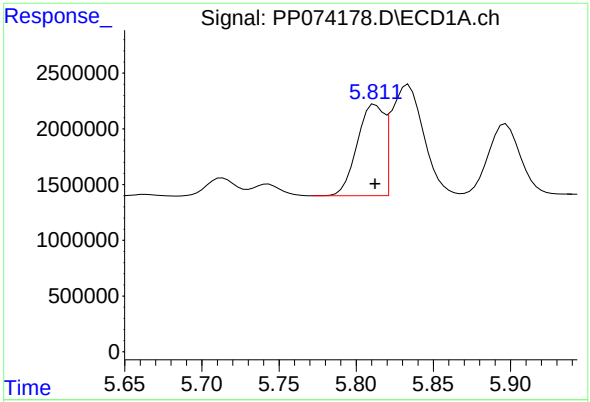
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



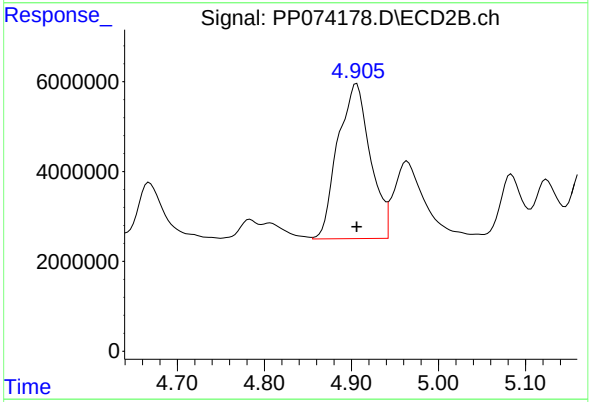
#16 AR-1242-1

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

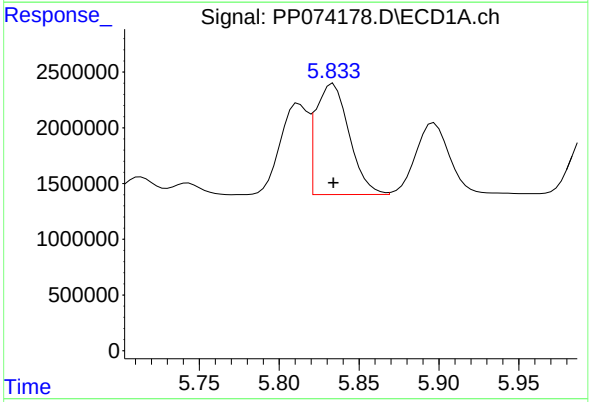
Manual Integrations APPROVED

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



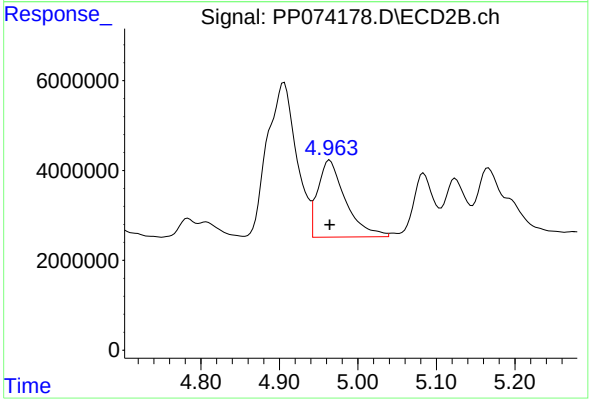
#16 AR-1242-1

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



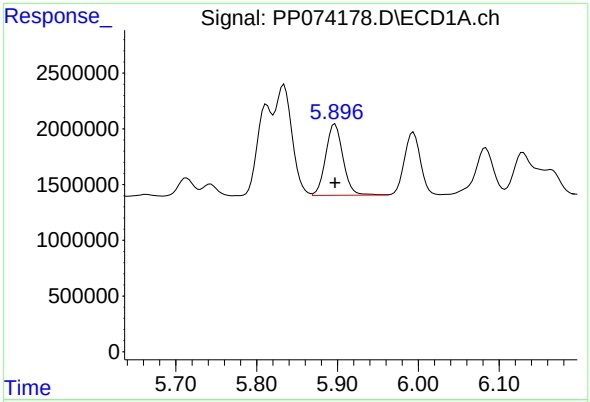
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



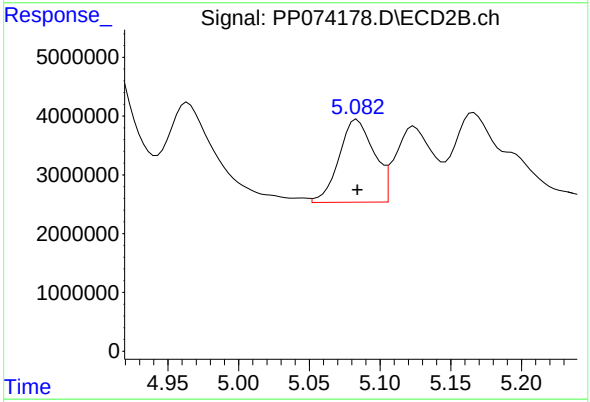
#18 AR-1242-3

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

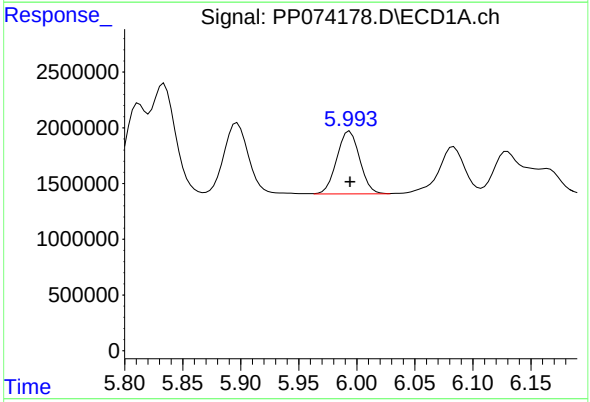
Manual Integrations APPROVED

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



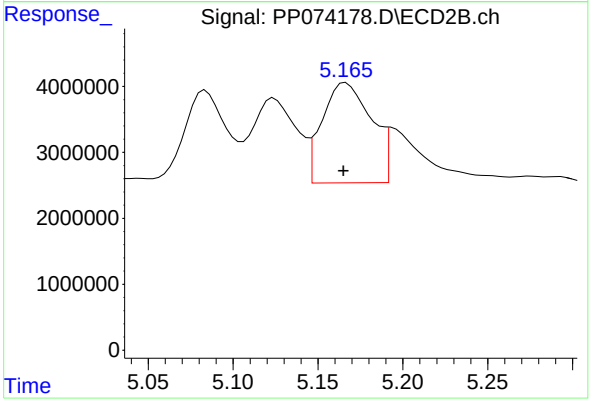
#18 AR-1242-3

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



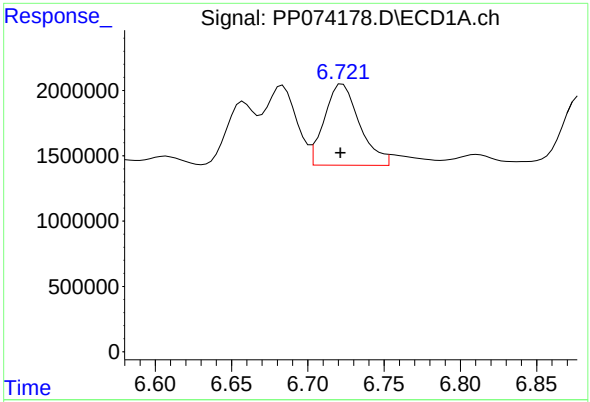
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 30145402
Conc: 249.53 ng/ml m



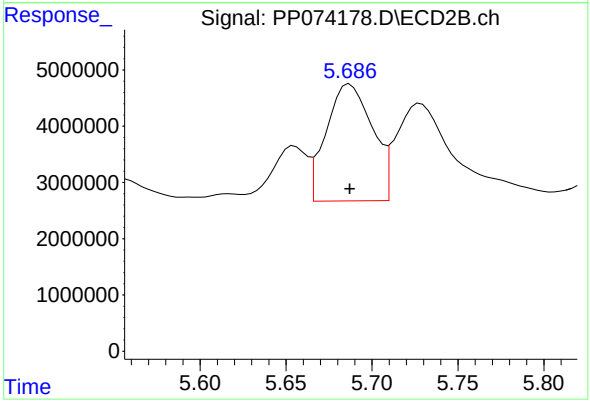
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 9674193
Conc: 289.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
APPROVED

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



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38870481
Conc: 260.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.802	6853903	15691561	5.892m	3.915m#
2)	SA Decachlor...	10.432	8.821	6026260	28194628	5.971	4.604
	Target Compounds						
16)	L4 AR-1242-1	5.810	4.903	2289125	16072866	61.427	46.569
17)	L4 AR-1242-2	5.832	4.962	3215660	7443347	59.102	45.559
18)	L4 AR-1242-3	5.895	5.082	2169957	4094869	60.722	44.390 #
19)	L4 AR-1242-4	5.991	5.163	1732044	5803584	59.279	48.597
20)	L4 AR-1242-5	6.720	5.686	2173540	7539678	56.364m	50.412

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

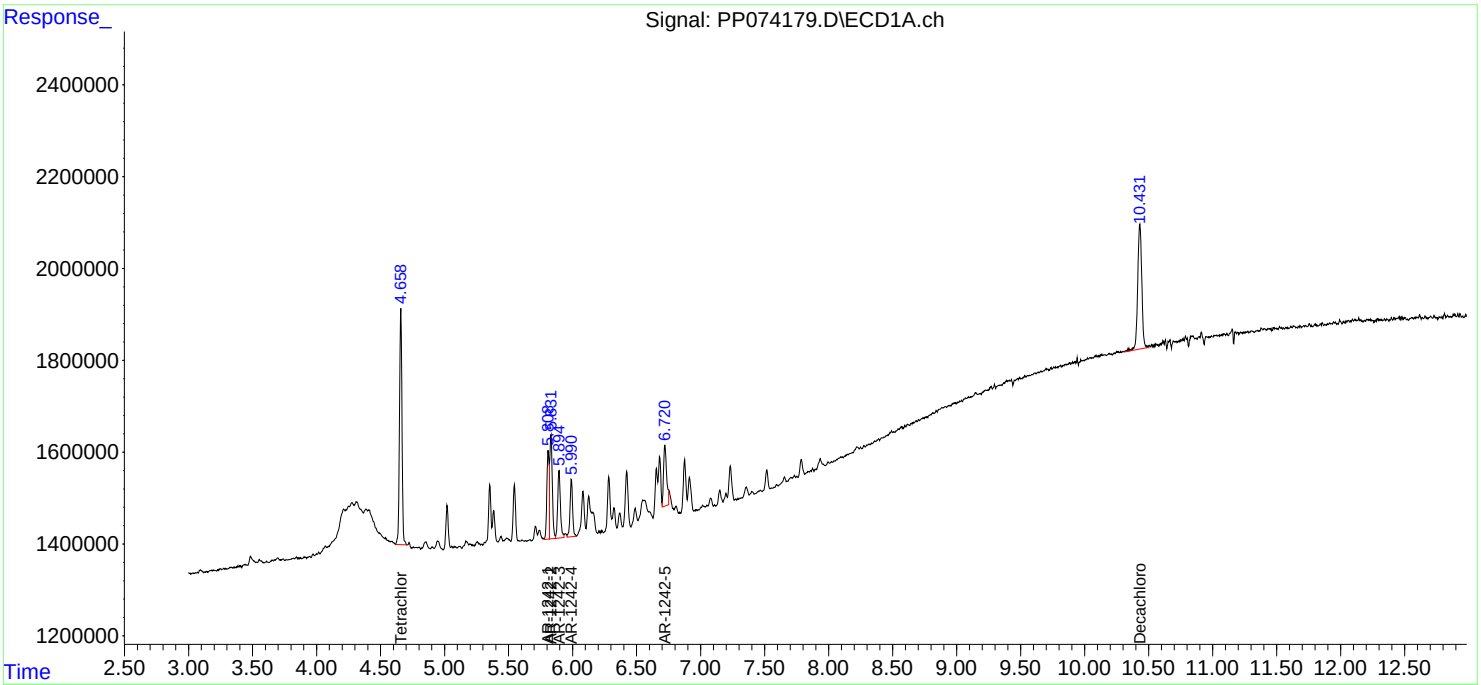
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

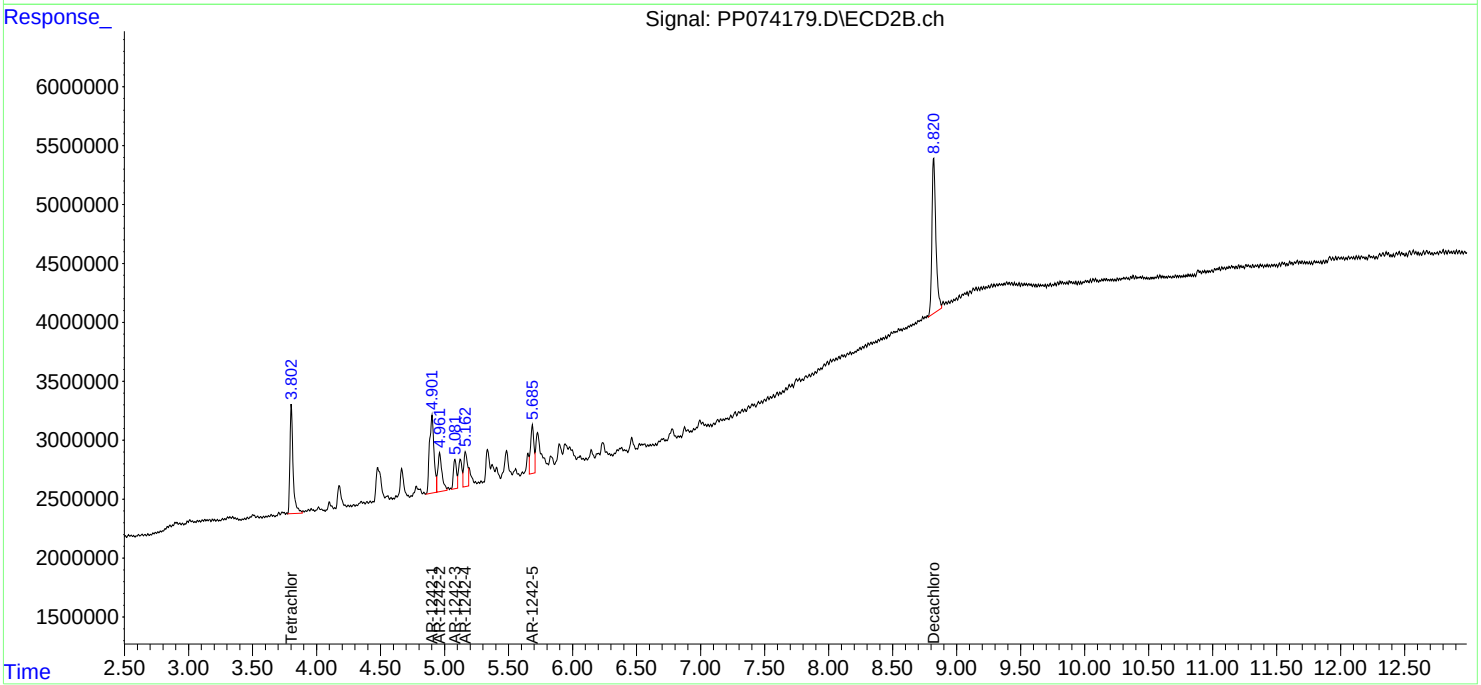
Manual Integrations APPROVED

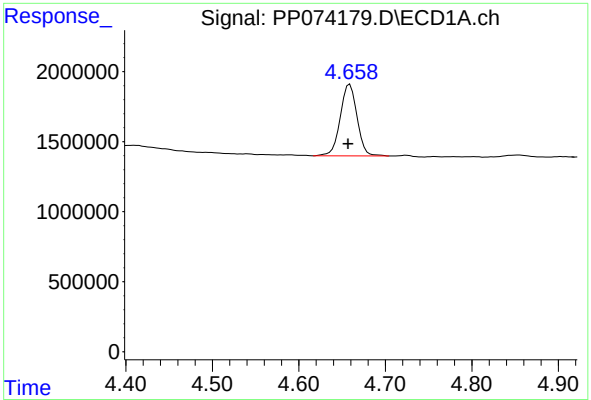
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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







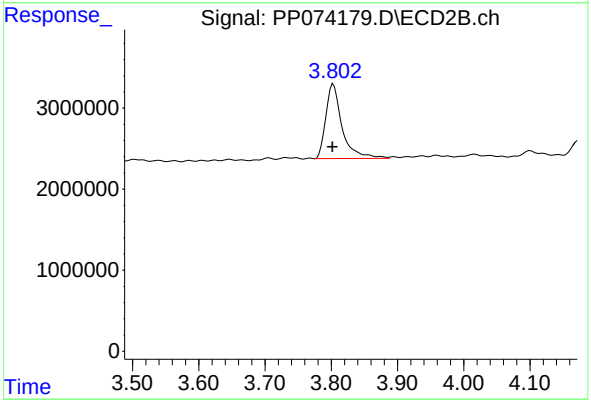
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

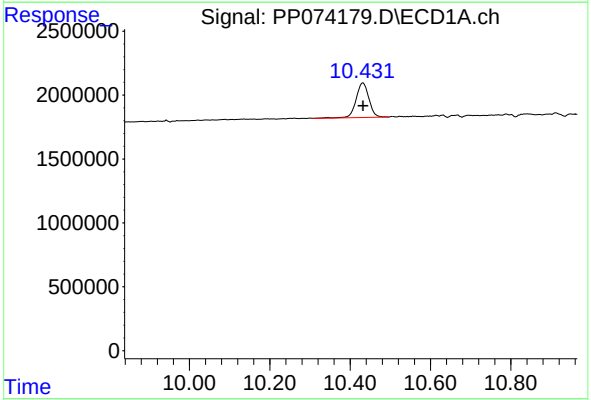
Manual Integrations APPROVED

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



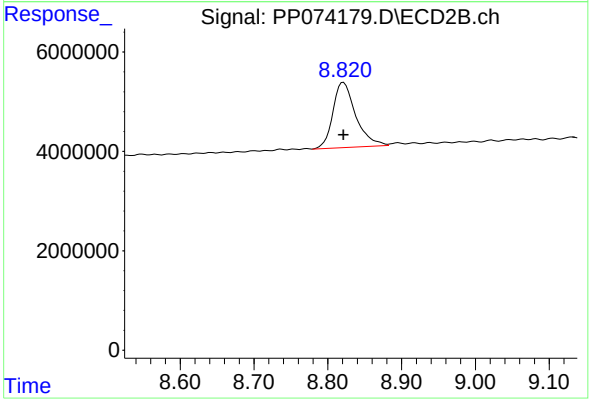
#1 Tetrachloro-m-xylene

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



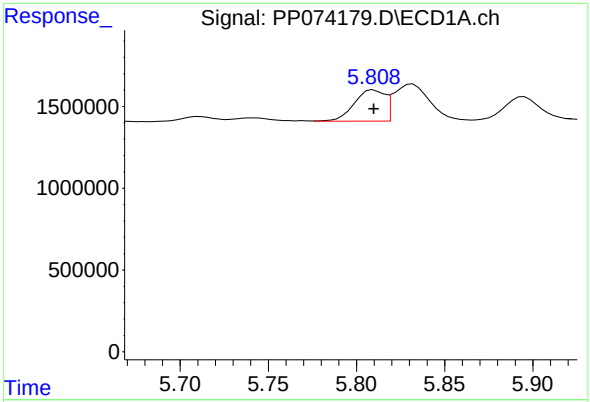
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



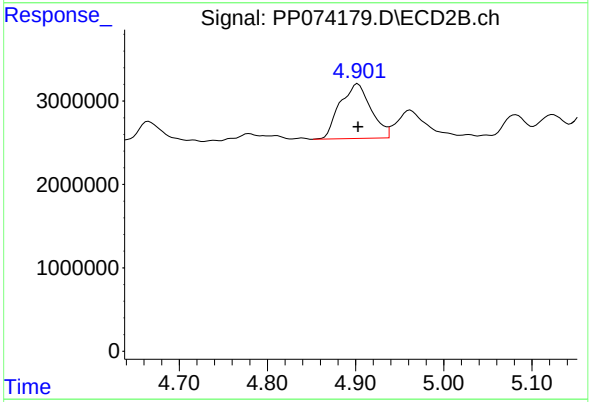
#16 AR-1242-1

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

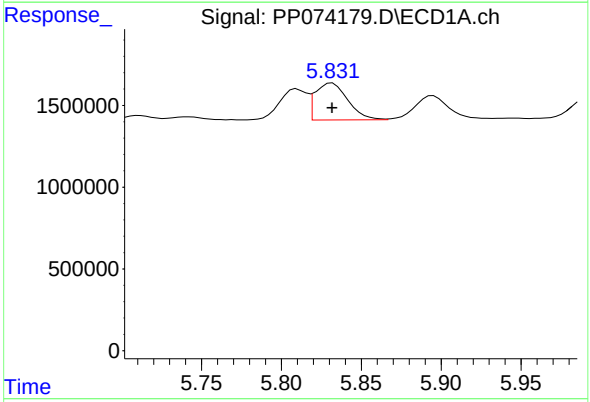
Manual Integrations APPROVED

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



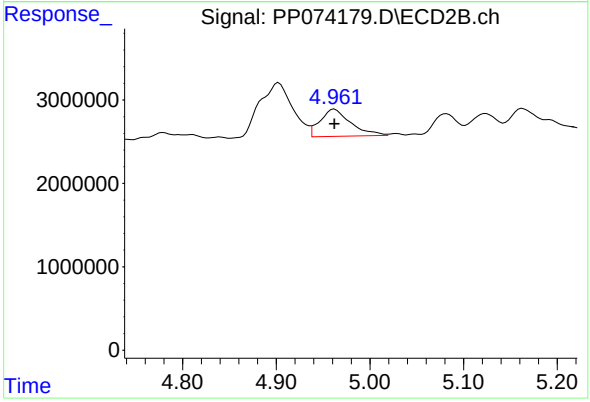
#16 AR-1242-1

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



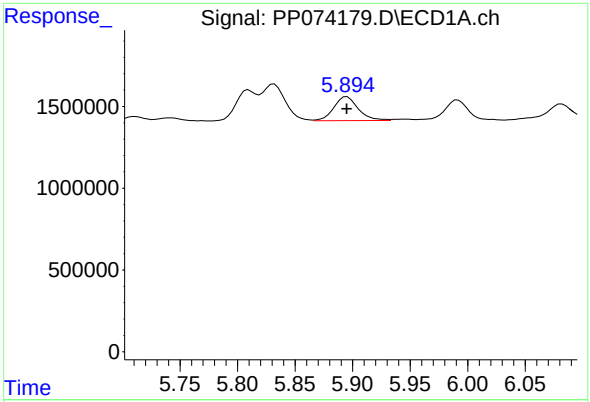
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



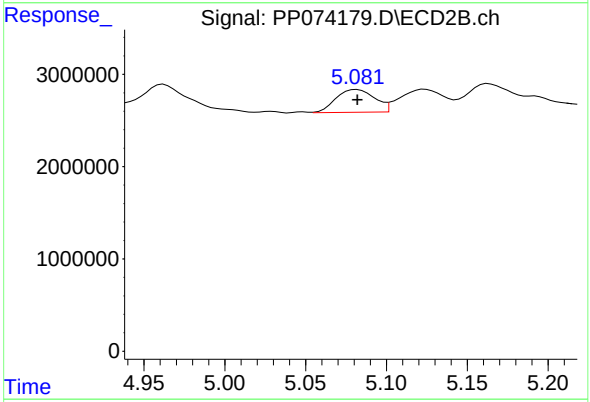
#18 AR-1242-3

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

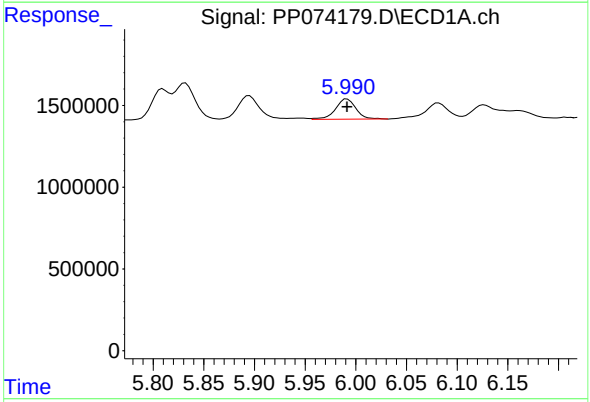
Manual Integrations APPROVED

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



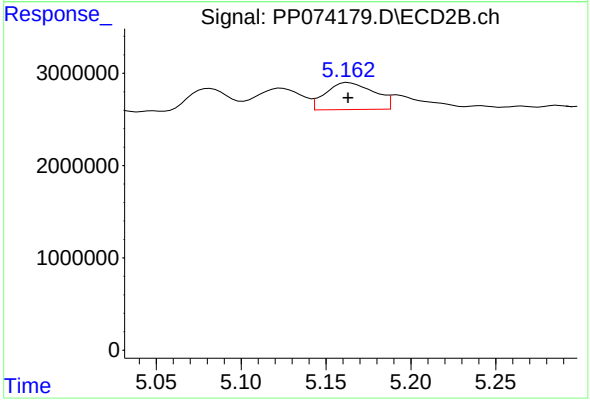
#18 AR-1242-3

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



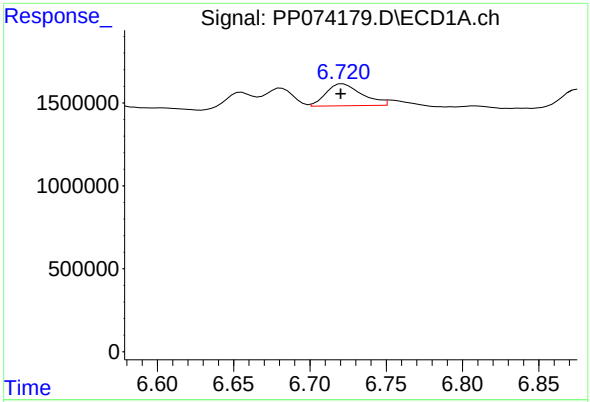
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



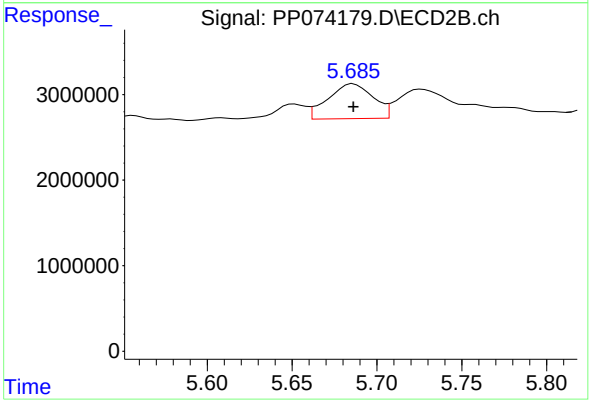
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 2173540
Conc: 56.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

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



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 7539678
Conc: 50.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.805	54922987	197.2E6	50.000	50.000
2)	SA Decachlor...	10.433	8.824	48401219	304.7E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.903	14191296	111.8E6	500.000	500.000
22)	L5 AR-1248-2	6.082	5.124	20093773	73885161	500.000	500.000
23)	L5 AR-1248-3	6.284	5.164	22320416	89773071	500.000	477.333m
24)	L5 AR-1248-4	6.682	5.338	25791080	83528426	500.000	500.000
25)	L5 AR-1248-5	6.721	5.727	26620059	151.4E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

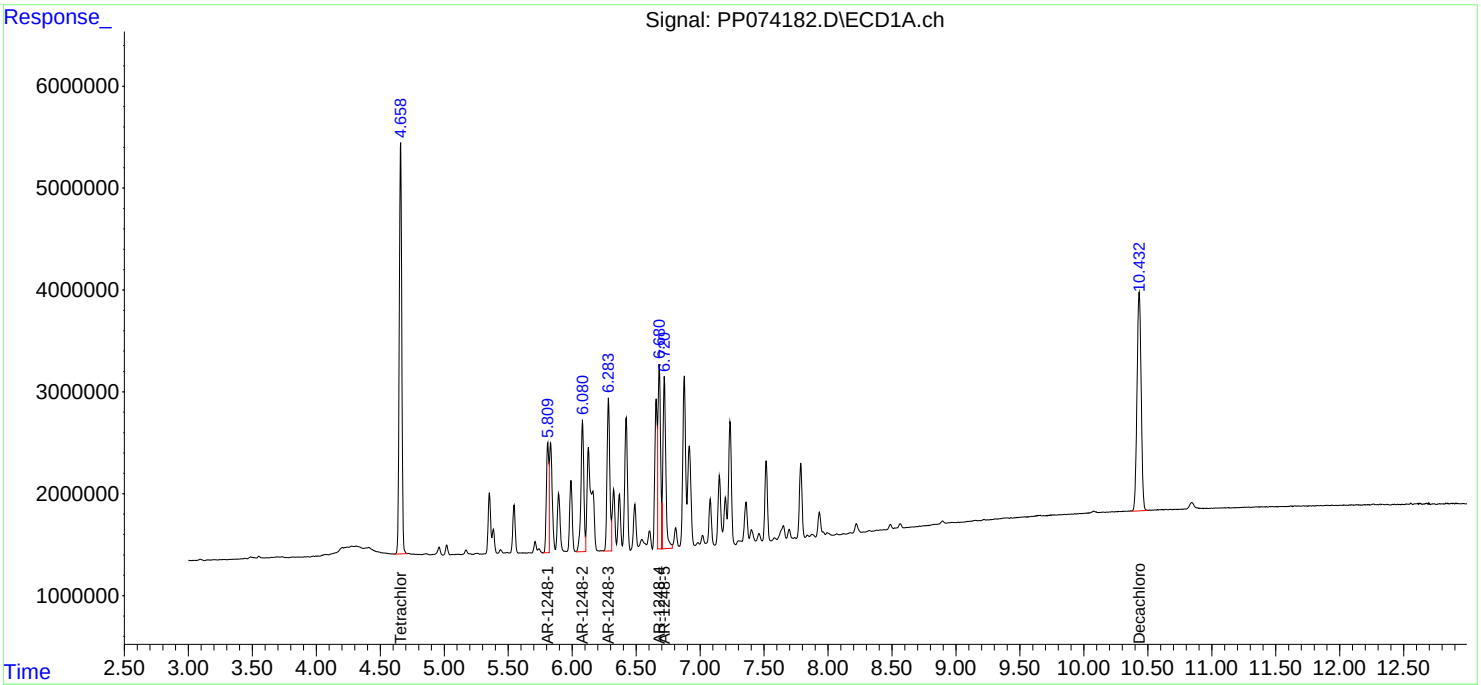
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

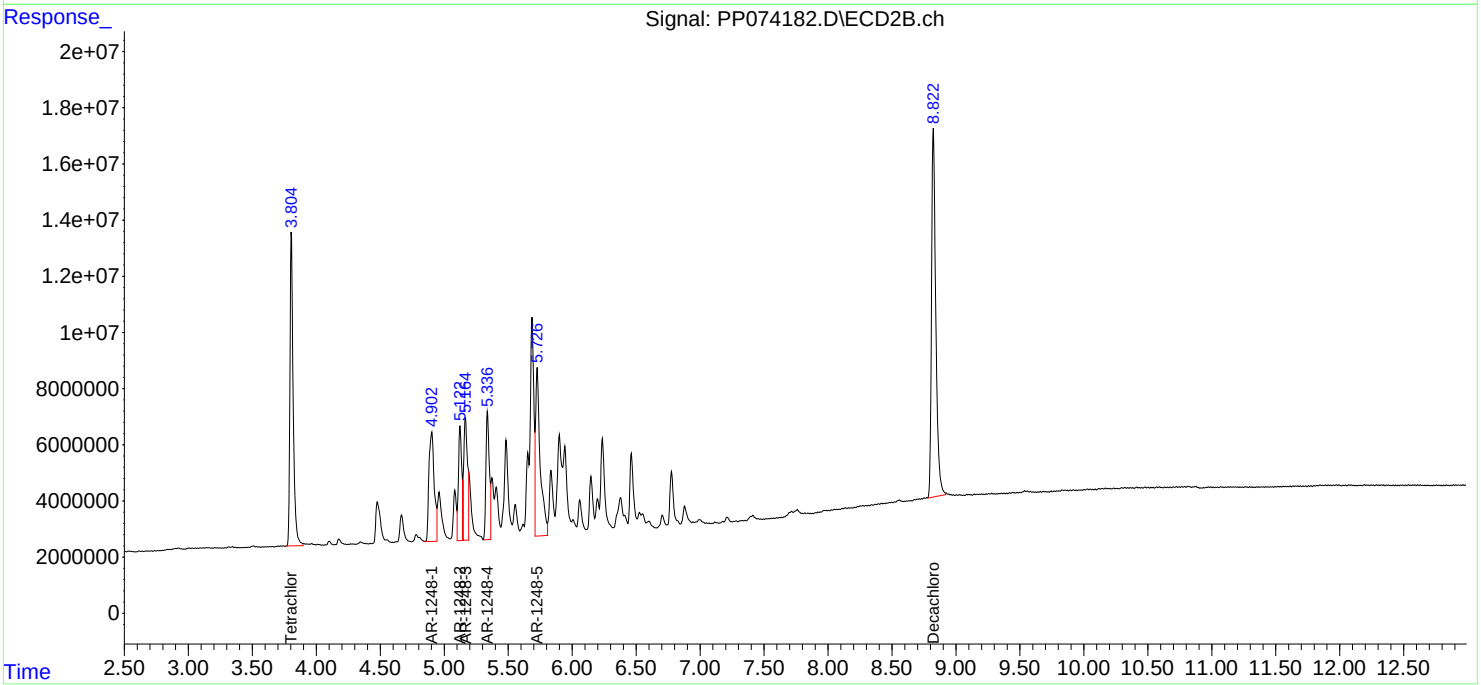
Manual Integrations APPROVED

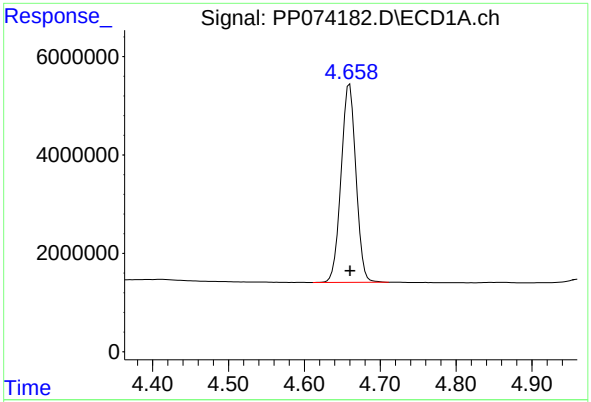
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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







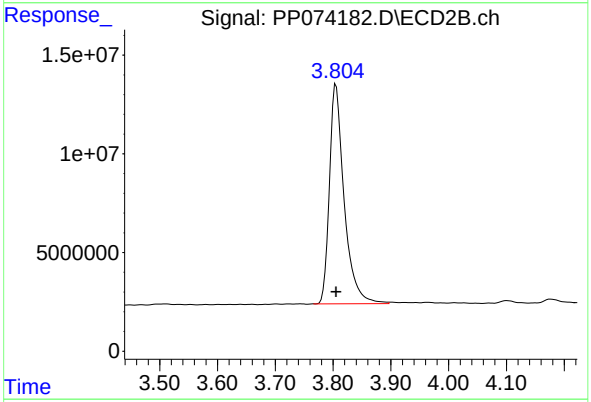
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

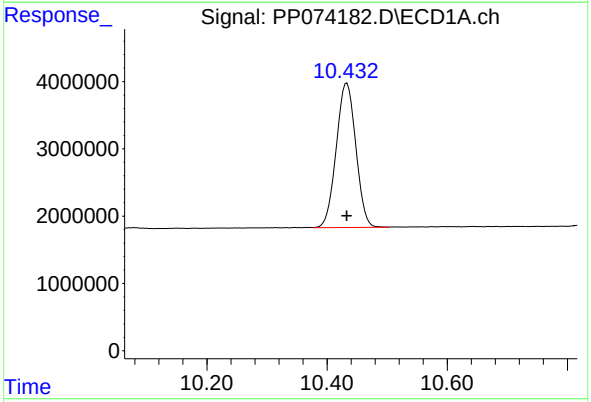
Manual Integrations
APPROVED

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



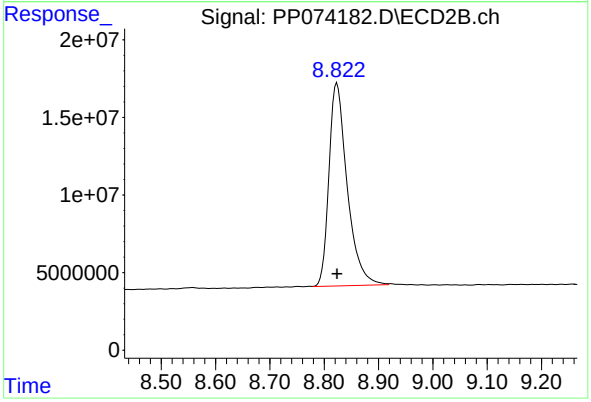
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



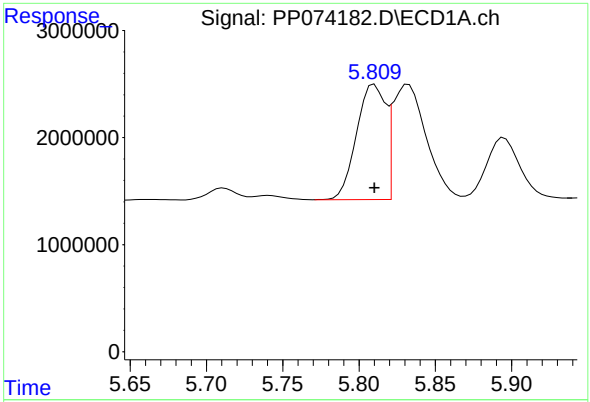
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



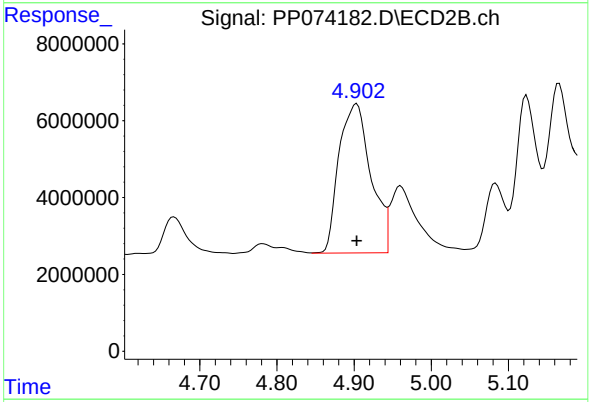
#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

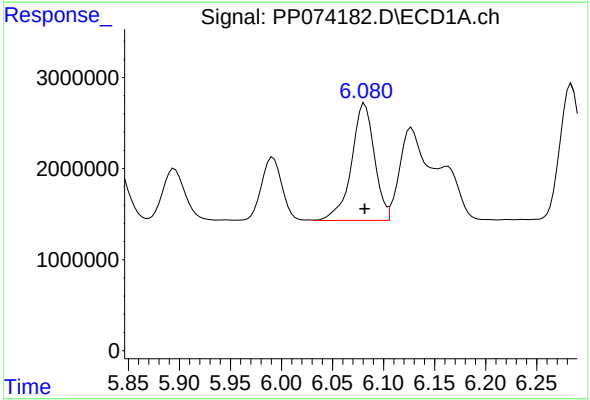
Manual Integrations APPROVED

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



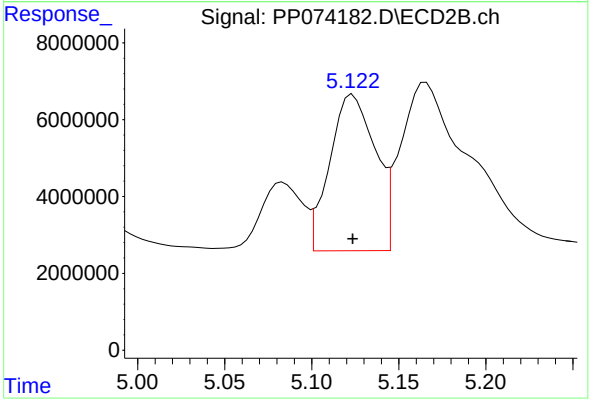
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



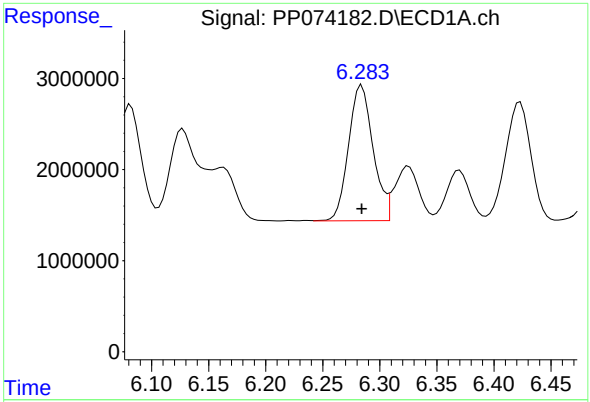
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



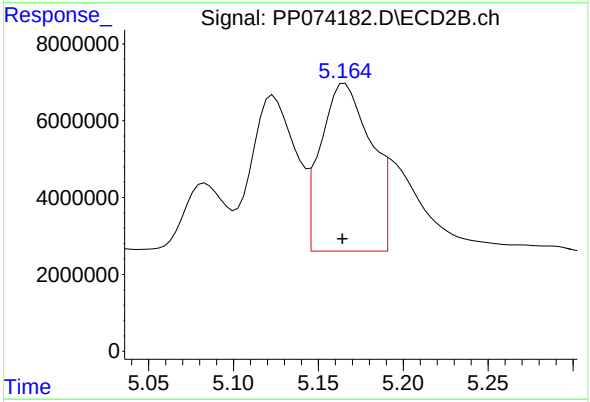
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

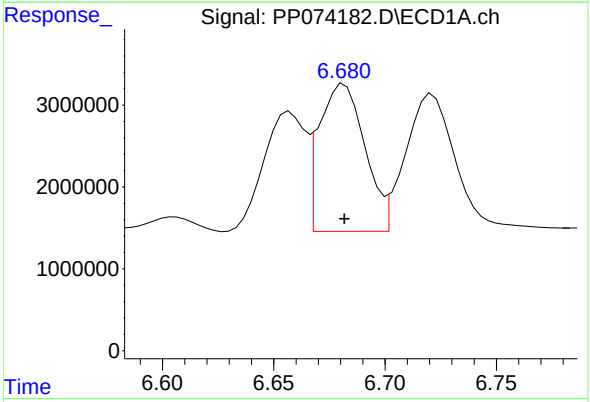
Manual Integrations APPROVED

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



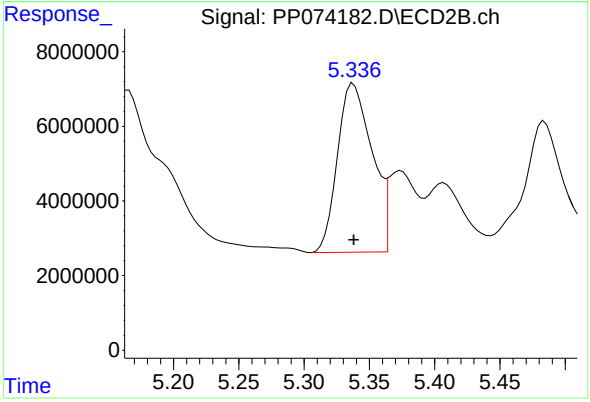
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 89773071
Conc: 477.33 ng/ml m



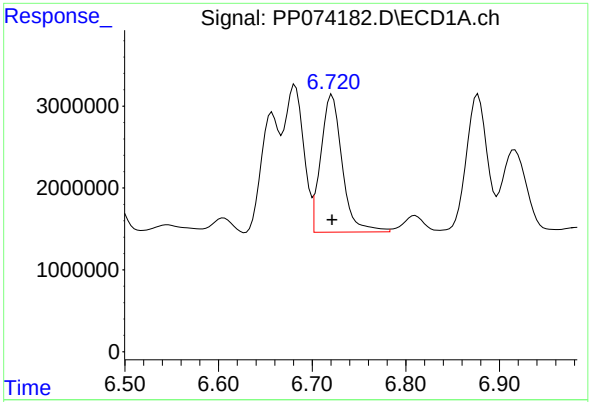
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



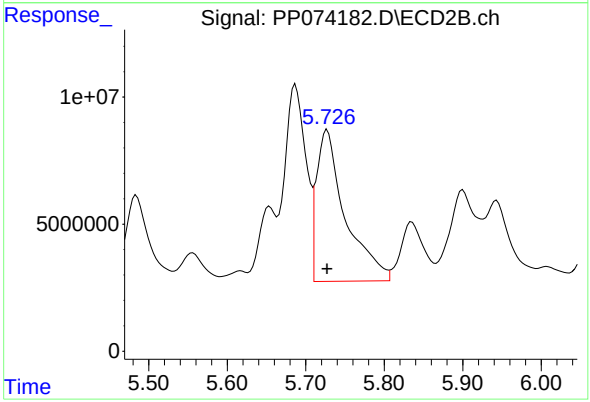
#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 26620059
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations
APPROVED

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



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 151391354
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.805	105.5E6	435.9E6	94.708	107.891
2)	SA Decachlor...	10.433	8.824	90161394	620.7E6	92.084	101.439
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.689	49559228	384.6E6	913.982m	998.639
27)	L6 AR-1254-2	6.875	5.835	70079706	284.4E6	896.542	1000.895
28)	L6 AR-1254-3	7.237	6.238	76495408	520.2E6	905.487	1022.453
29)	L6 AR-1254-4	7.518	6.464	57834344	378.1E6	911.799	1002.531
30)	L6 AR-1254-5	7.934	6.880	73335985	425.1E6	909.260	1067.360m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

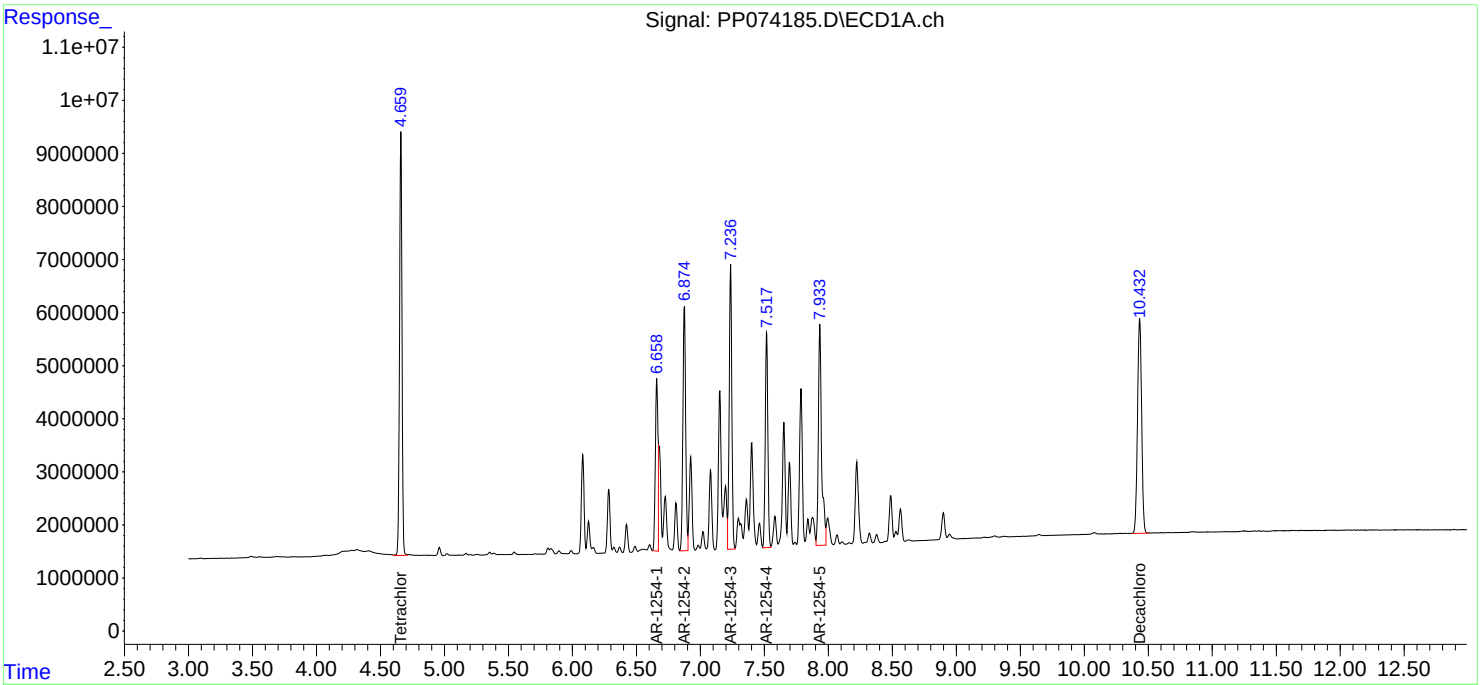
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

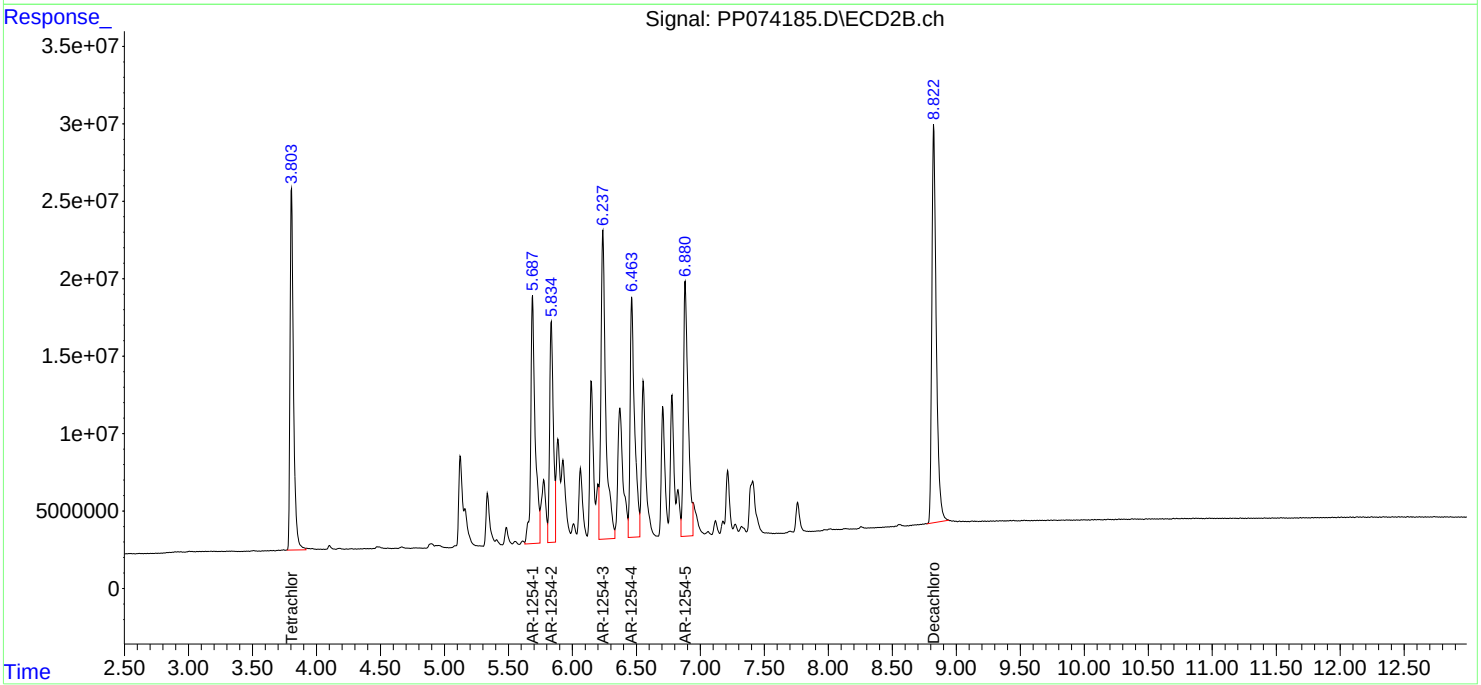
Manual Integrations APPROVED

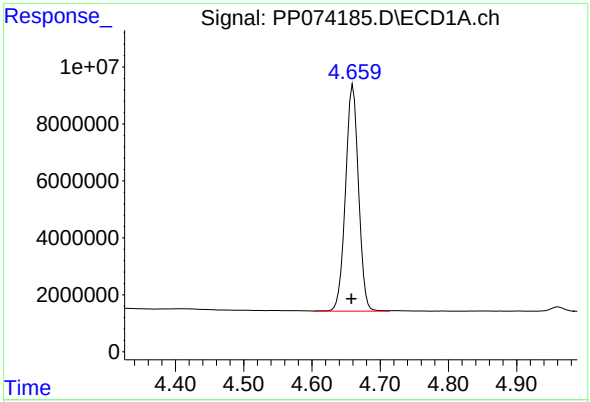
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







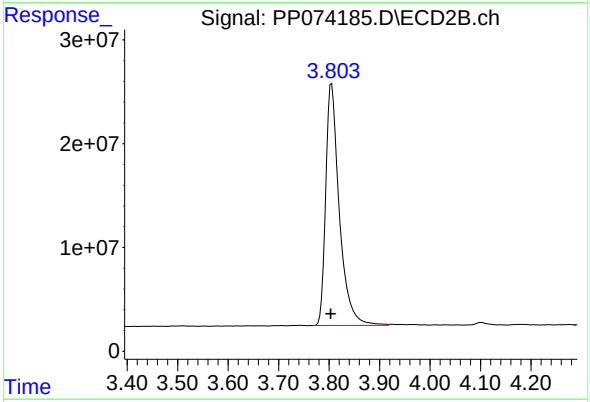
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

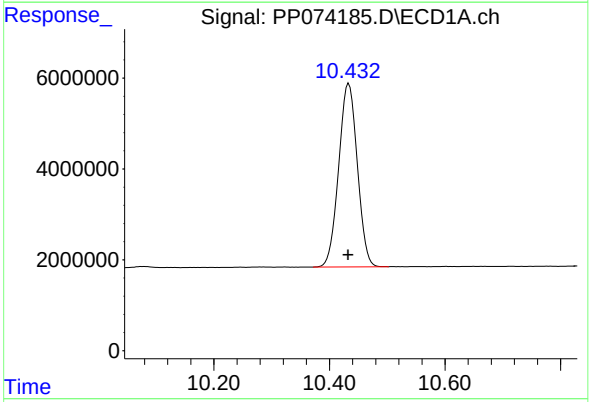
Manual Integrations APPROVED

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



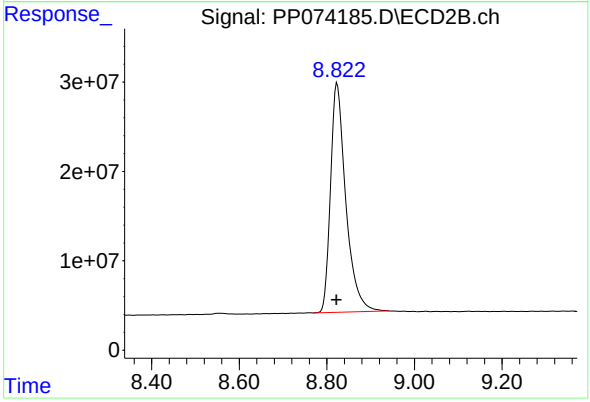
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



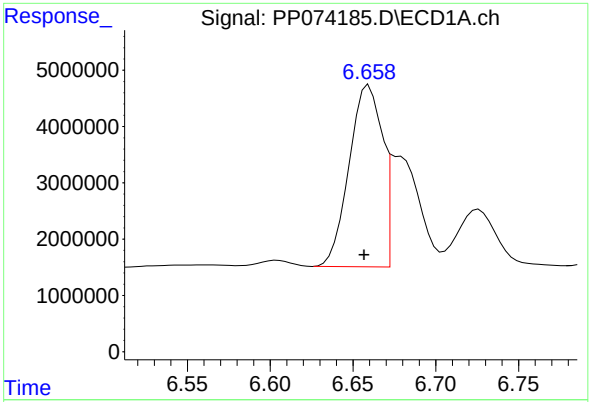
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml



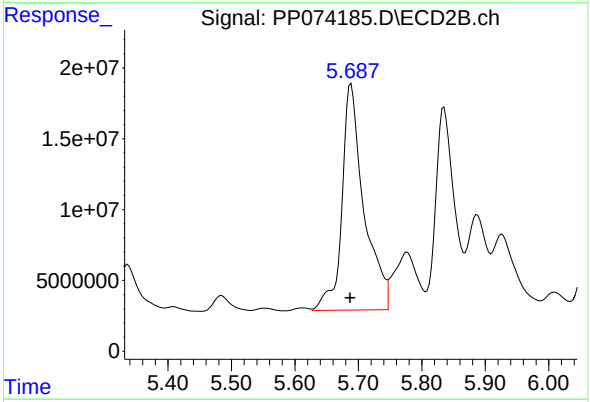
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 49559228
Conc: 913.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

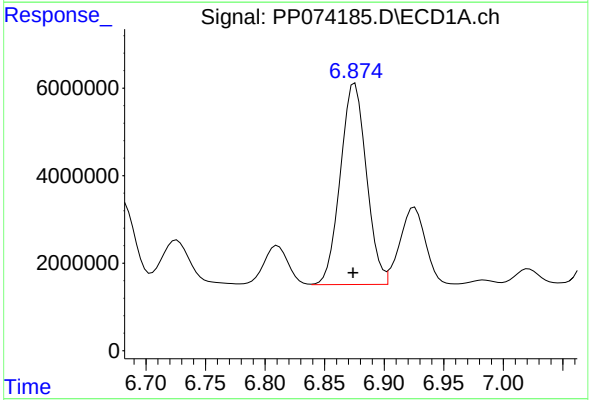
Manual Integrations
APPROVED

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



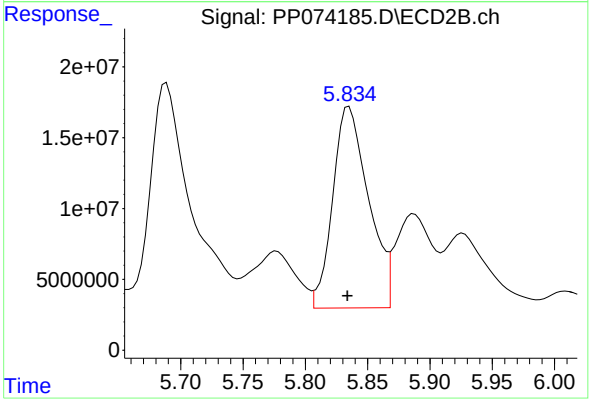
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



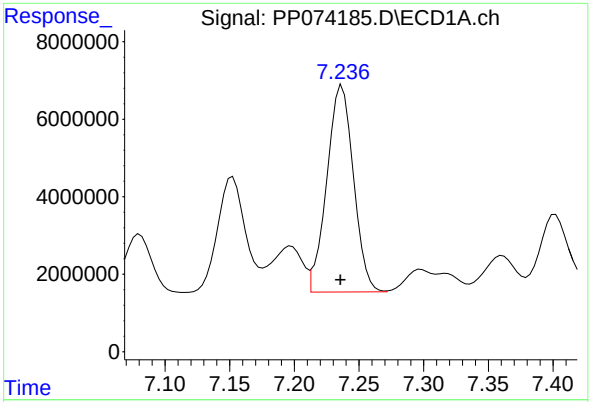
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml



#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml



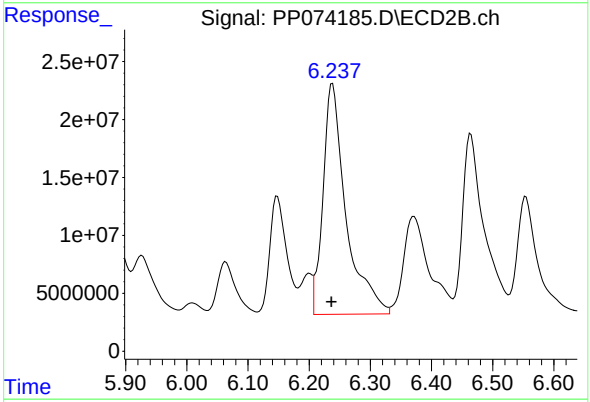
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

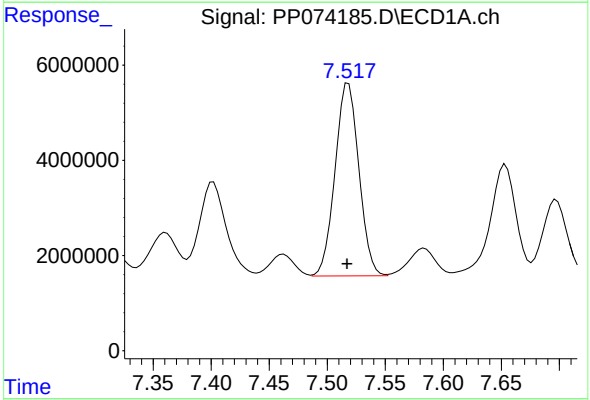
Manual Integrations
APPROVED

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



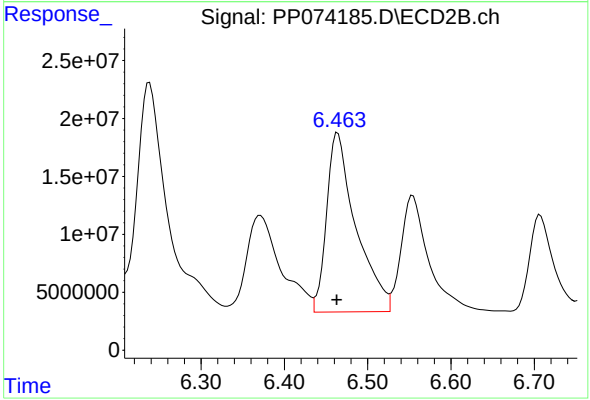
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



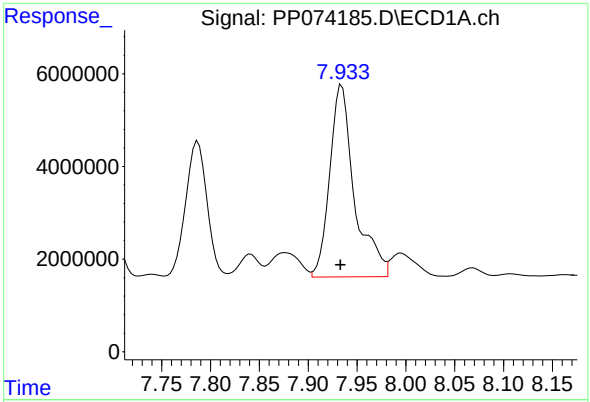
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



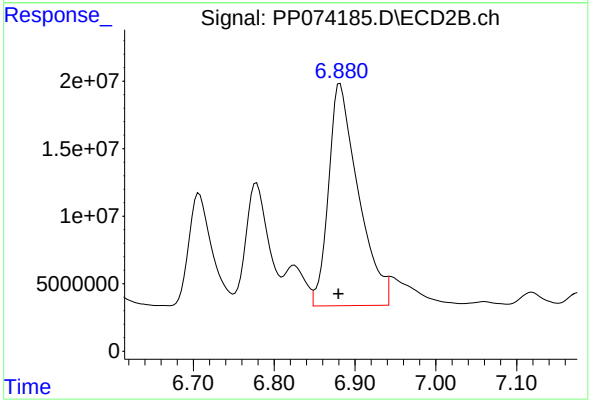
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 73335985
Conc: 909.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

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



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 425051302
Conc: 1067.36 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.804	80274871	316.5E6	72.041	78.350
2)	SA Decachlor...	10.433	8.823	69679431	463.5E6	71.165	75.743
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.688	37358301	271.1E6	688.970m	703.976
27)	L6 AR-1254-2	6.874	5.835	54514978	207.5E6	697.420	730.114
28)	L6 AR-1254-3	7.236	6.237	59505451	390.5E6	704.374	767.509
29)	L6 AR-1254-4	7.517	6.464	44944937	292.2E6	708.589	774.901
30)	L6 AR-1254-5	7.933	6.881	57058661	308.2E6	707.445	773.995

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

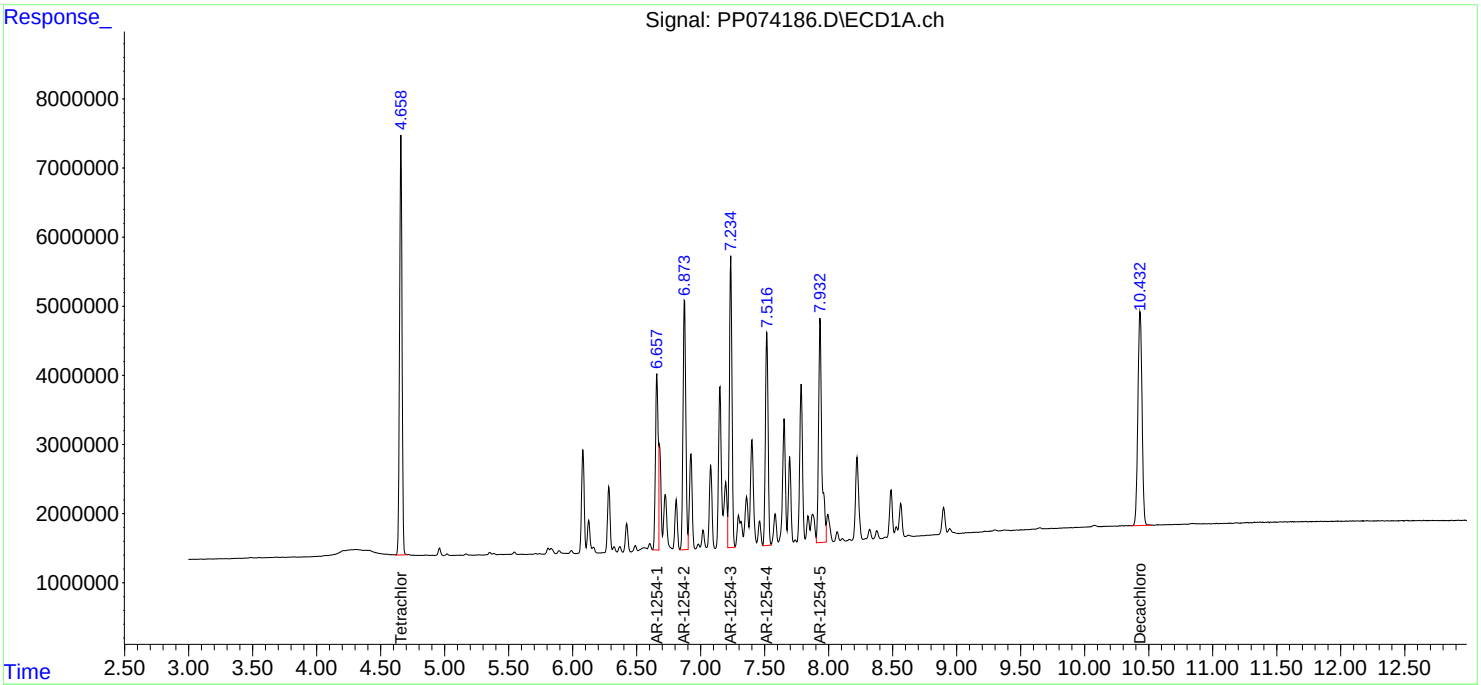
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

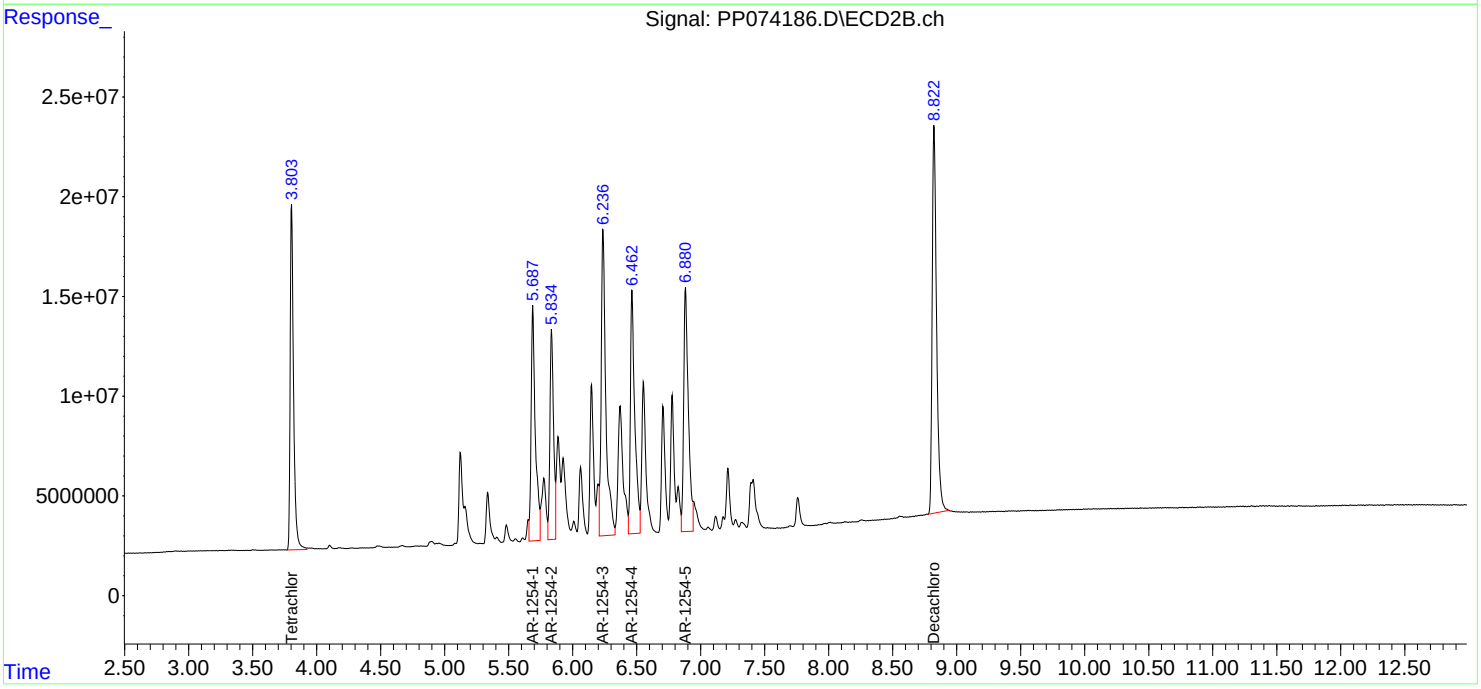
Manual Integrations APPROVED

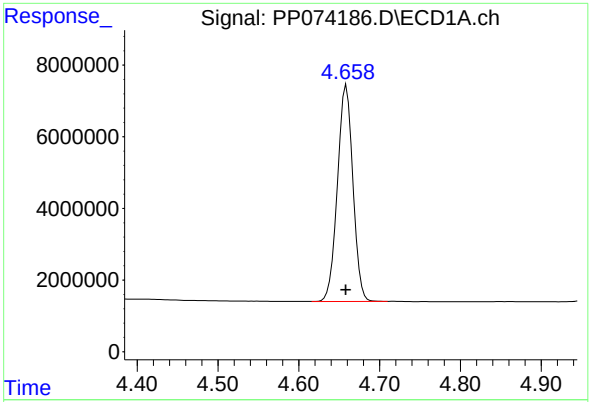
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







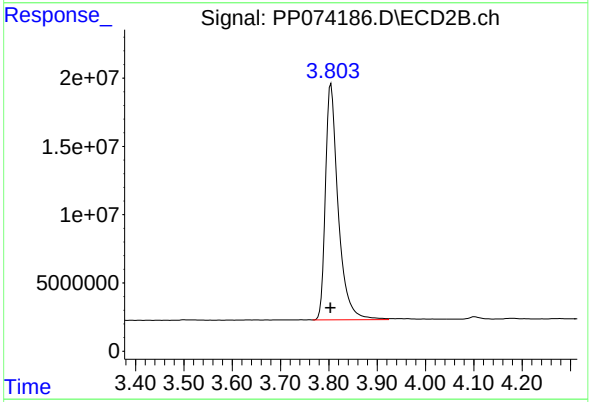
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

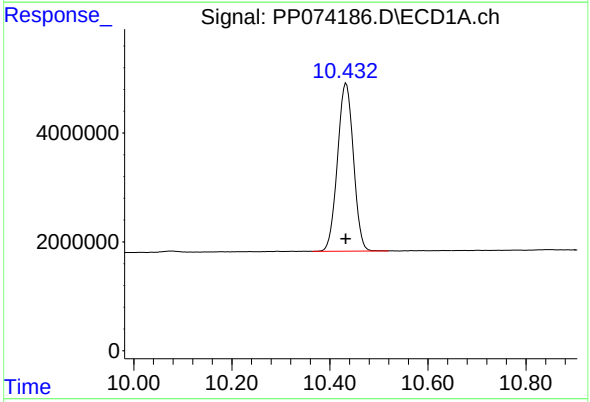
Manual Integrations APPROVED

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



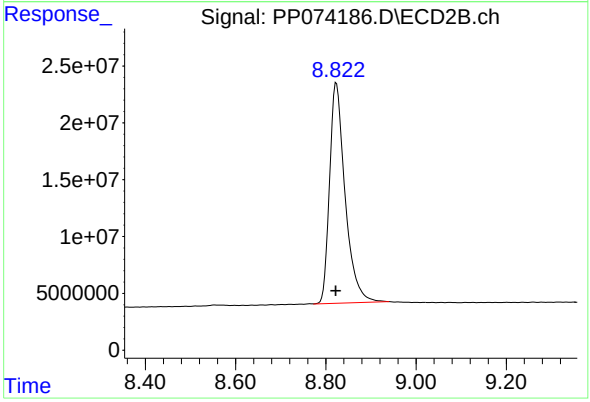
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



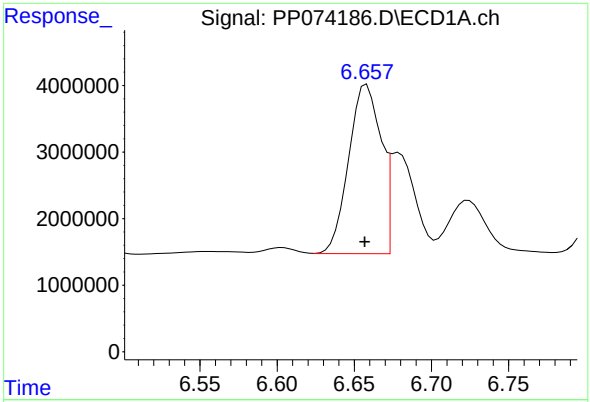
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



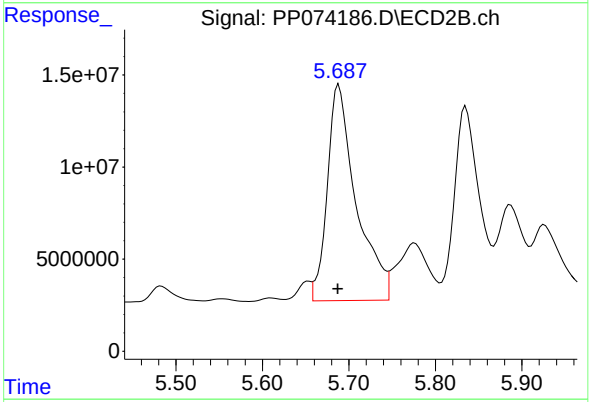
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 37358301
Conc: 688.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

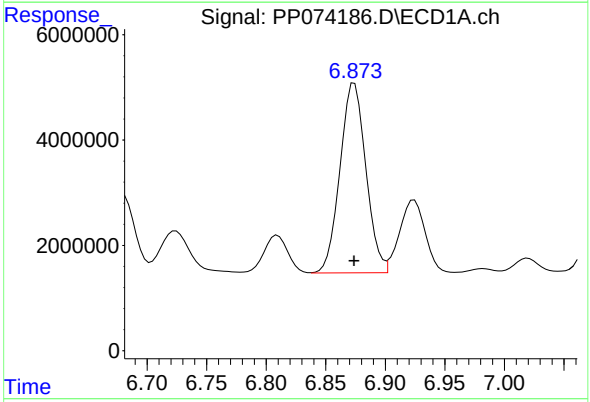
Manual Integrations APPROVED

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



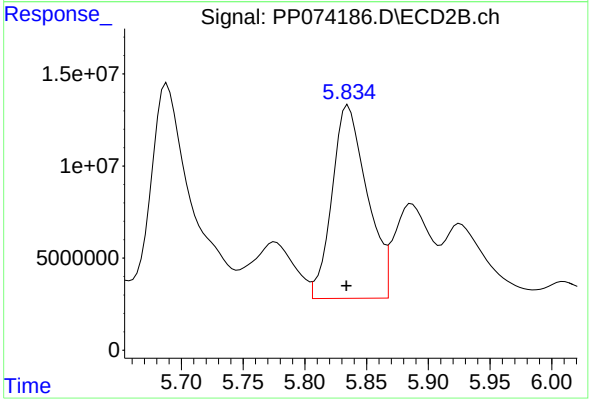
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



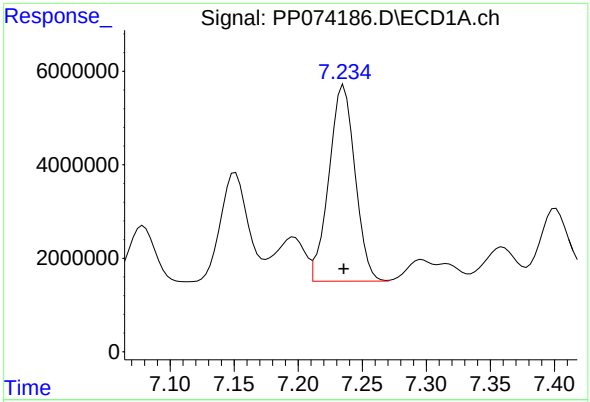
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



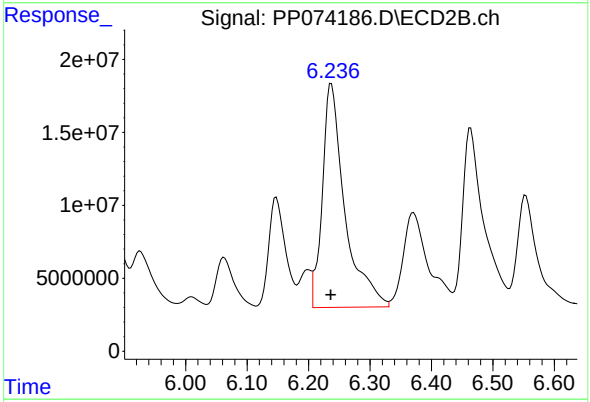
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

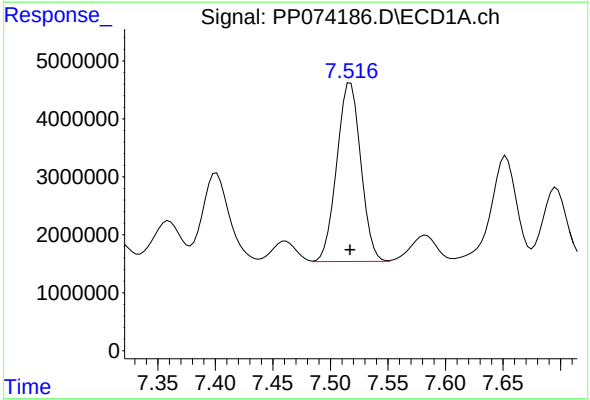
Manual Integrations APPROVED

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



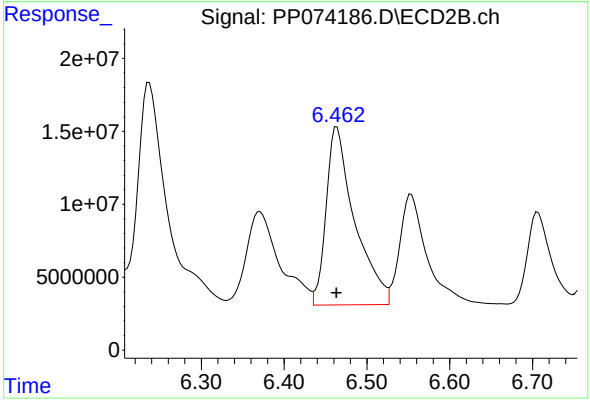
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



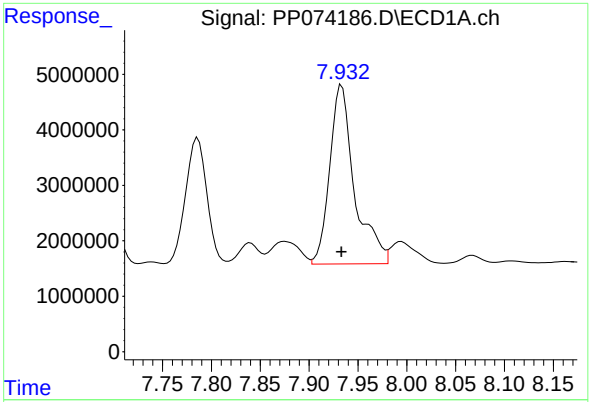
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



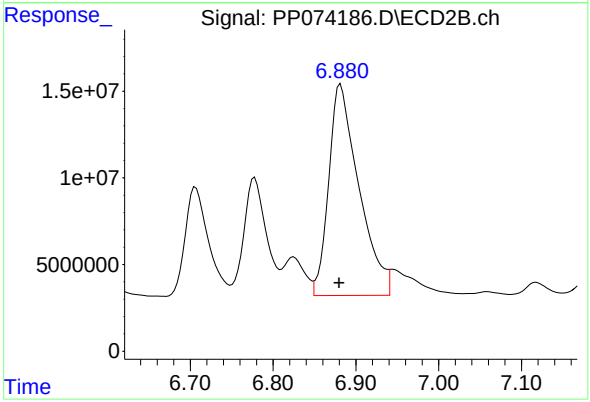
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 57058661
Conc: 707.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

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



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.002 min
Response: 308225641
Conc: 774.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.803	55714538	202.0E6	50.000	50.000
2)	SA Decachlor...	10.432	8.822	48956102	305.9E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.687	26953630	192.5E6	497.085m	500.000
27)	L6 AR-1254-2	6.874	5.834	39083346	142.1E6	500.000	500.000
28)	L6 AR-1254-3	7.236	6.237	42239930	254.4E6	500.000	500.000
29)	L6 AR-1254-4	7.517	6.463	31714402	188.5E6	500.000	500.000
30)	L6 AR-1254-5	7.933	6.880	40327283	199.1E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

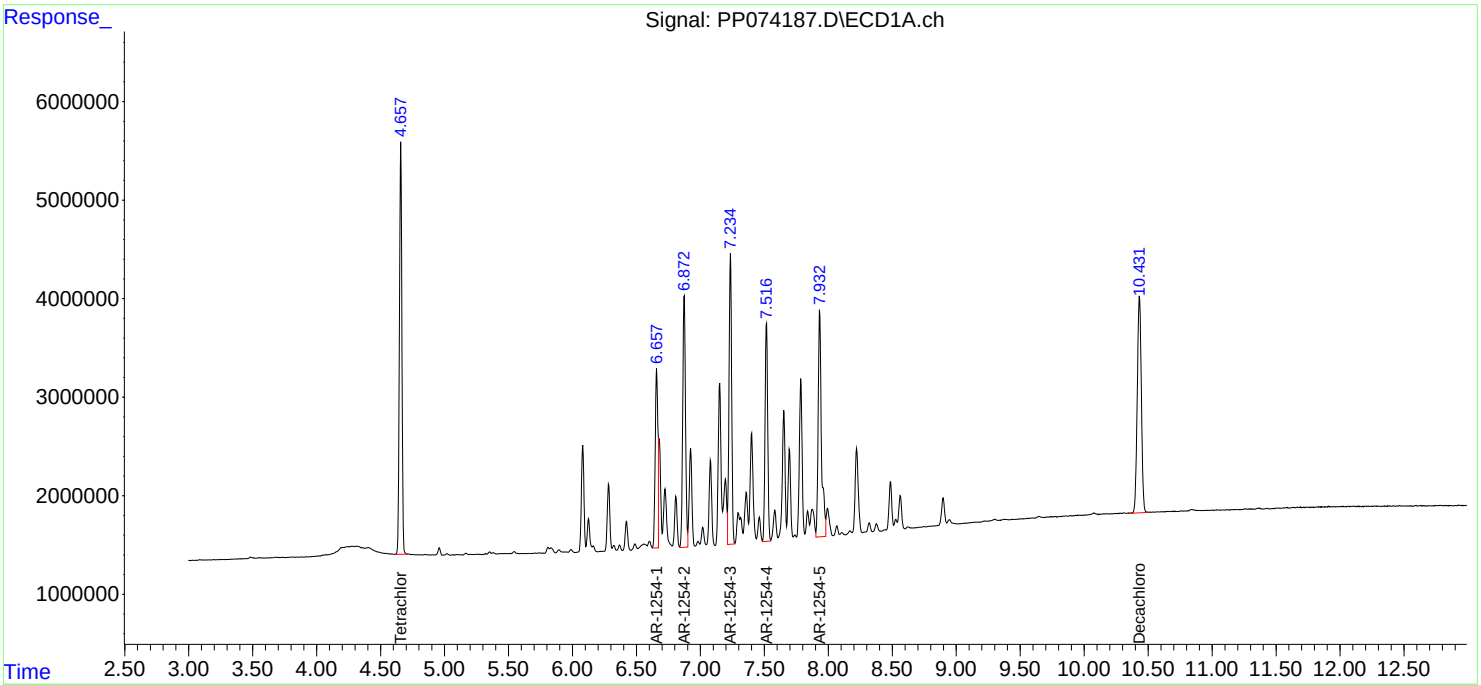
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

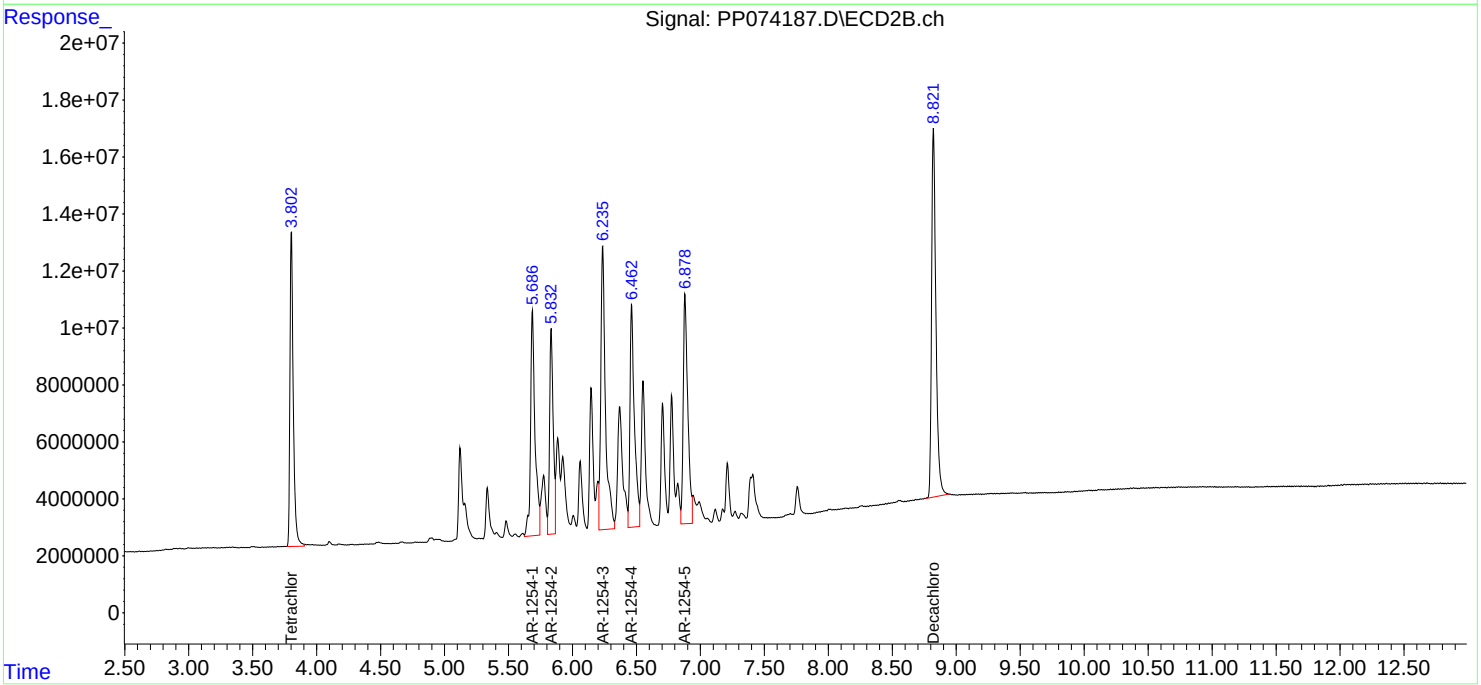
Manual Integrations APPROVED

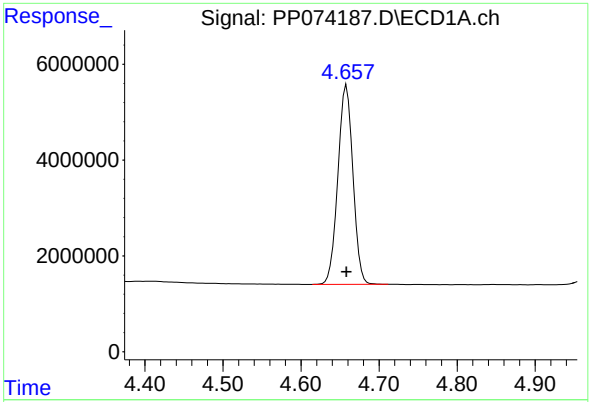
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







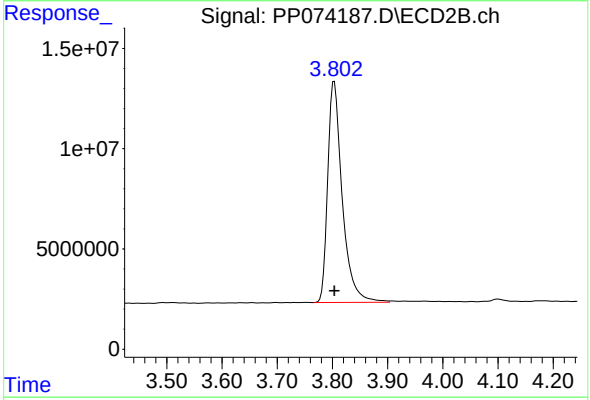
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

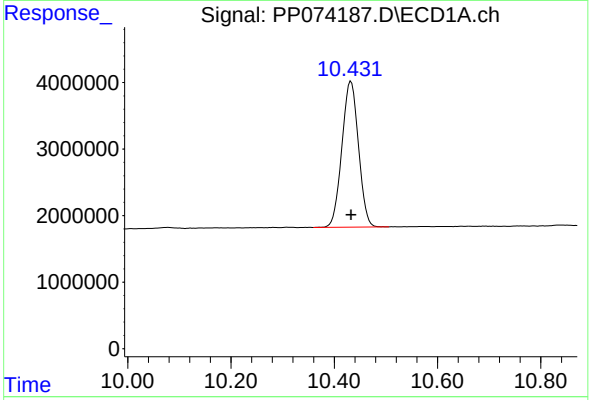
Manual Integrations APPROVED

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



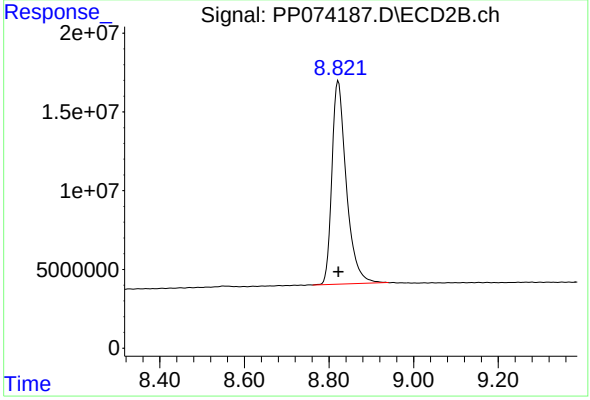
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



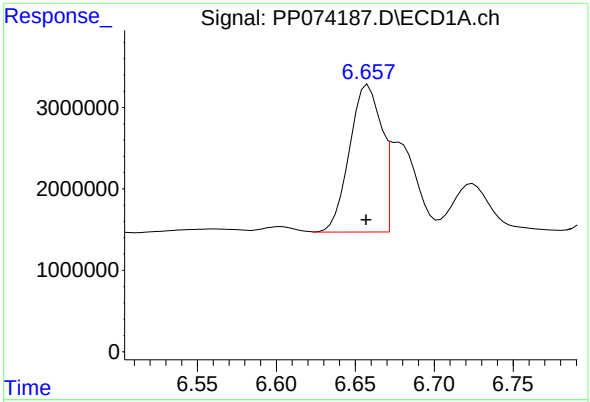
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



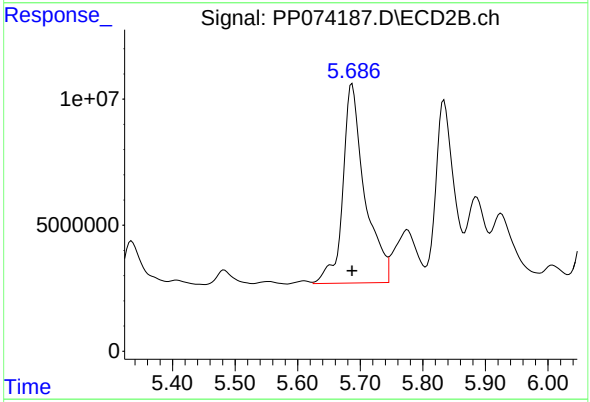
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 26953630
Conc: 497.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

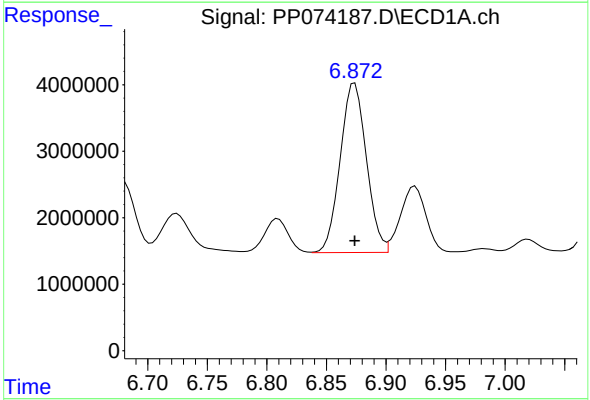
Manual Integrations APPROVED

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



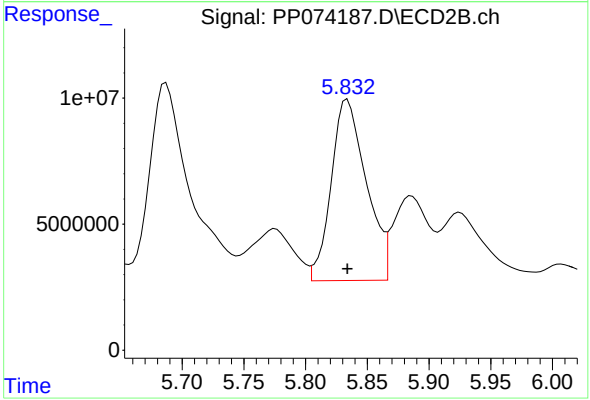
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



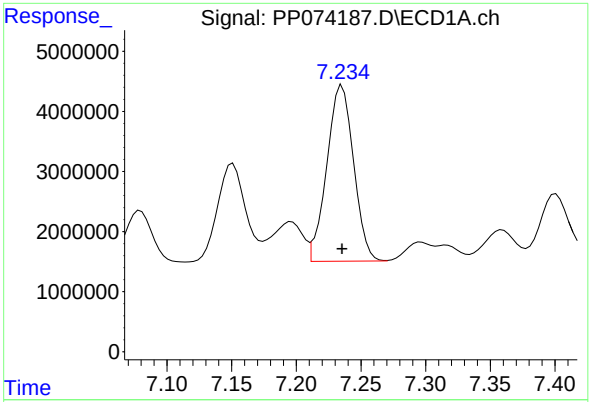
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



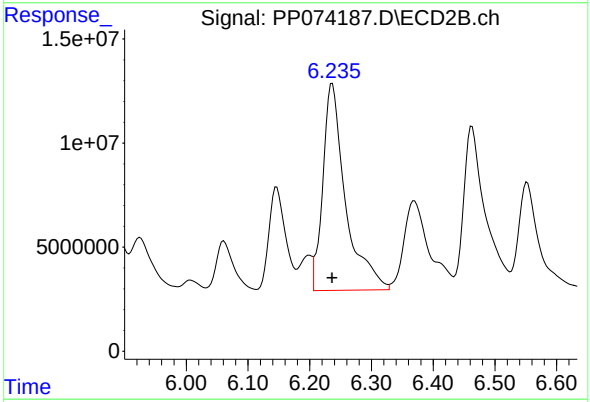
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

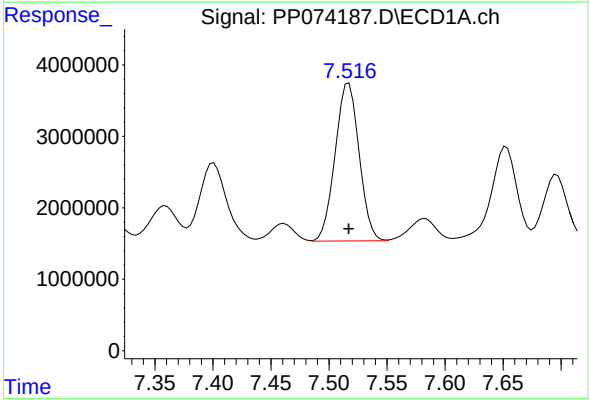
Manual Integrations APPROVED

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



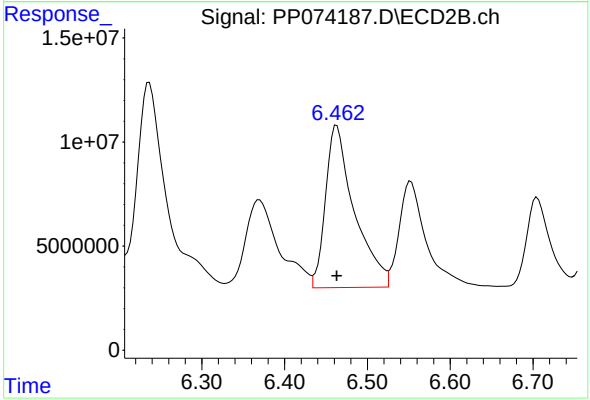
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



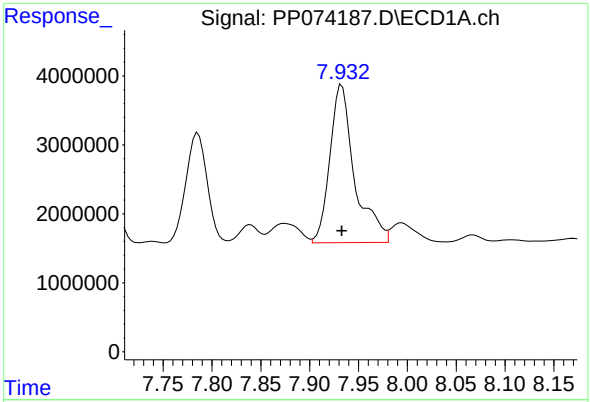
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



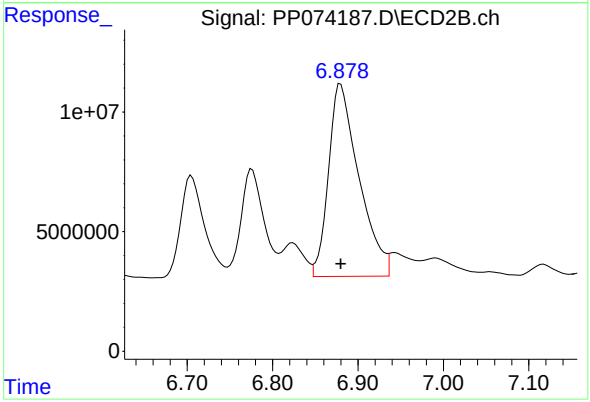
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 40327283
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 199113358
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.803	29734018	92012238	26.684	22.775
2)	SA Decachlor...	10.431	8.821	26431747	157.0E6	26.995	25.657
	Target Compounds						
26)	L6 AR-1254-1	6.656	5.687	13498256	94373679	248.938m	245.075
27)	L6 AR-1254-2	6.873	5.834	21644264	72682229	276.899	255.801
28)	L6 AR-1254-3	7.235	6.236	23355124	131.7E6	276.458	258.769
29)	L6 AR-1254-4	7.516	6.462	17399794	98587777	274.320	261.437
30)	L6 AR-1254-5	7.932	6.879	22010158	98393861	272.894	247.080

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

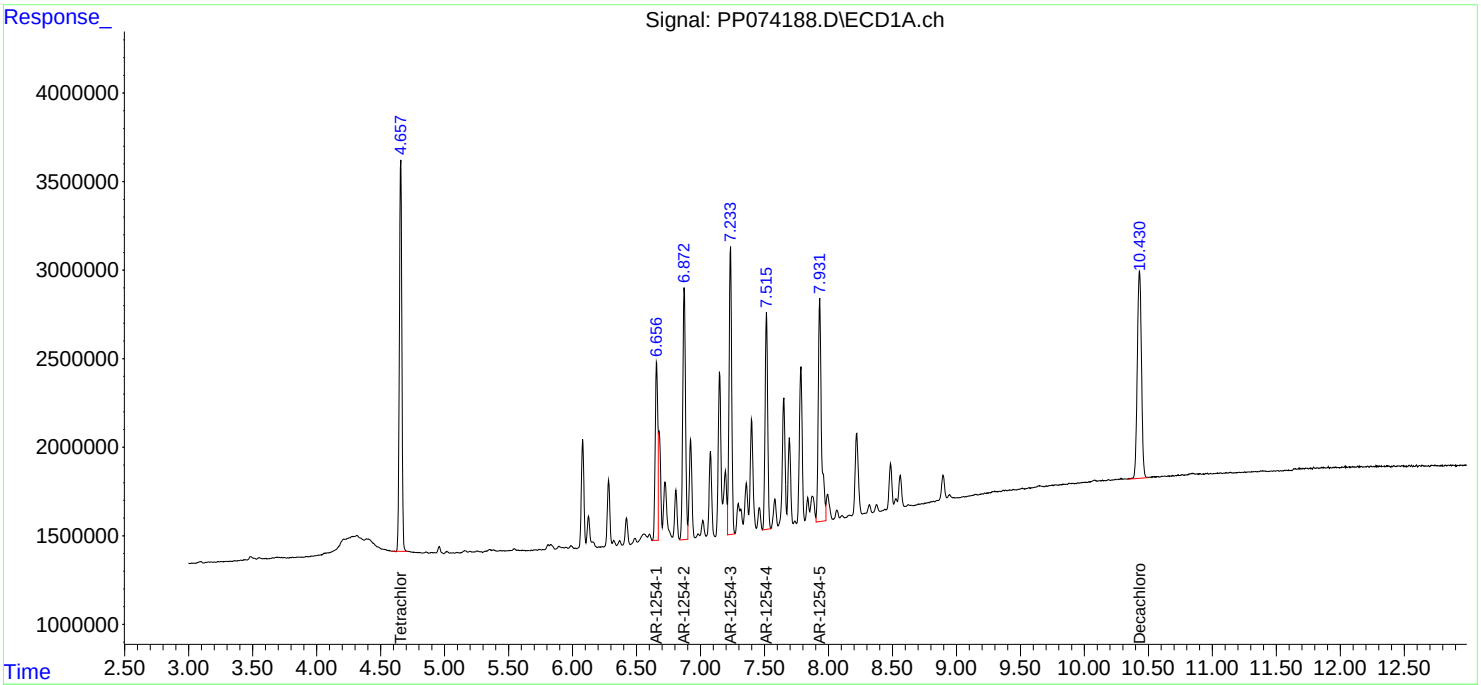
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

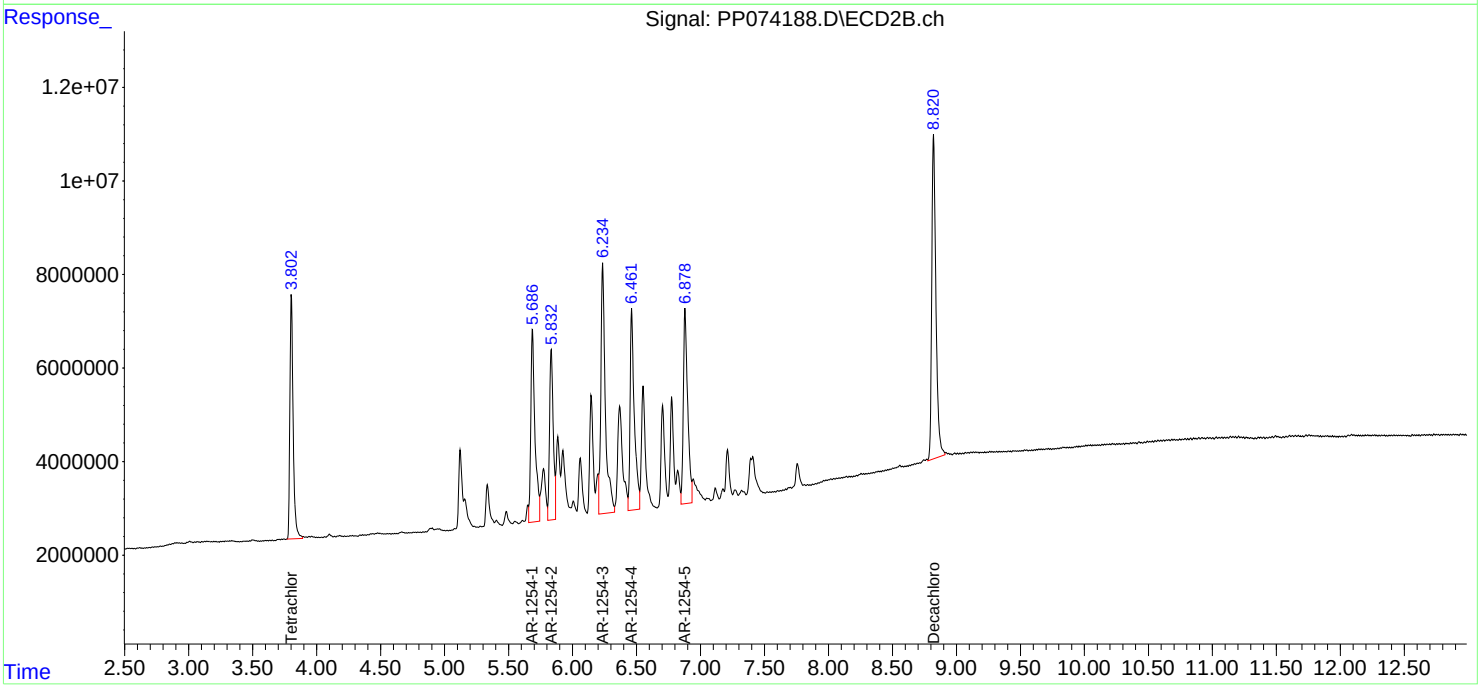
Manual Integrations APPROVED

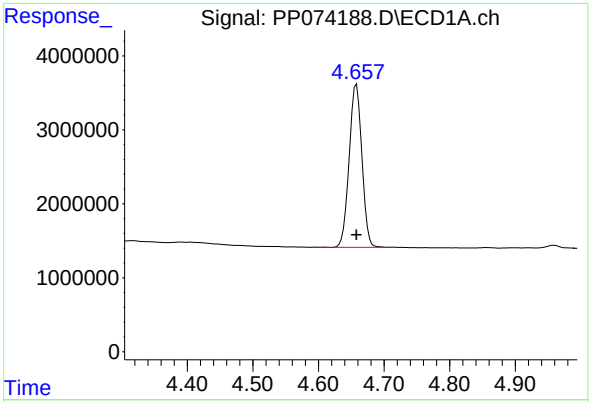
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







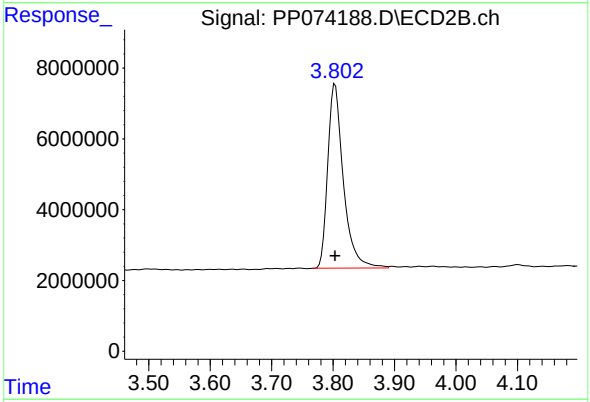
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

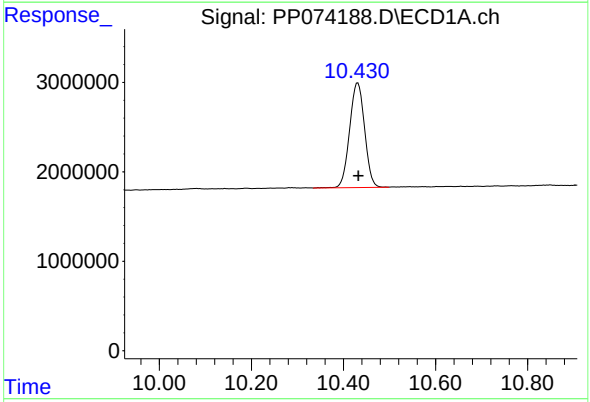
Manual Integrations APPROVED

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



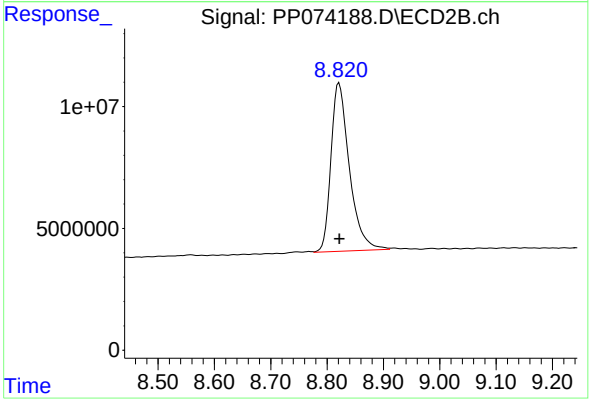
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



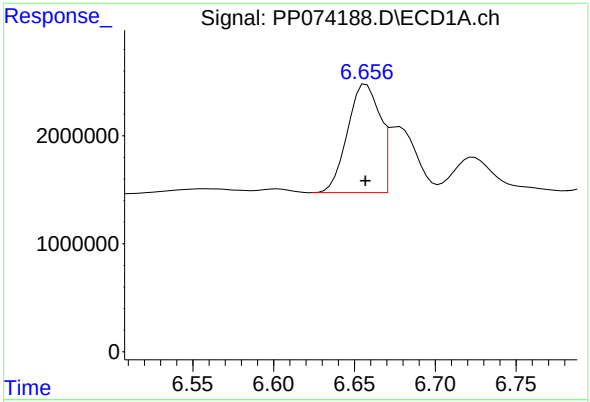
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



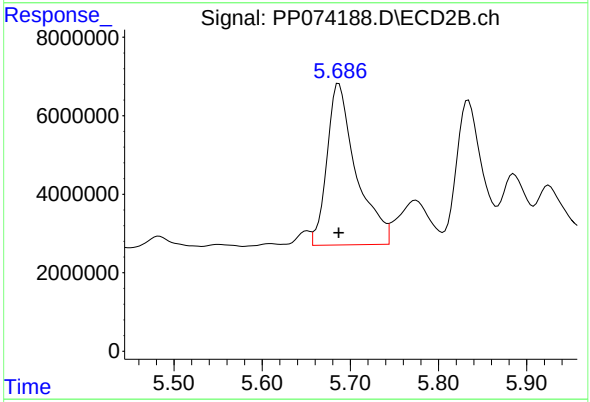
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 13498256
Conc: 248.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

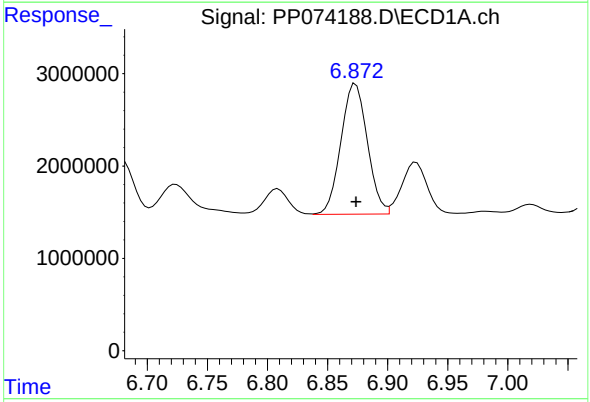
Manual Integrations APPROVED

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



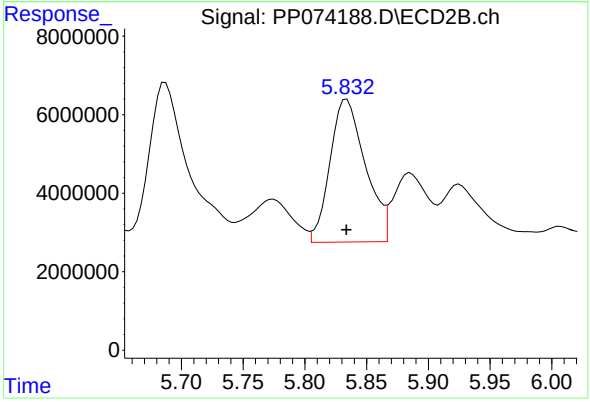
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



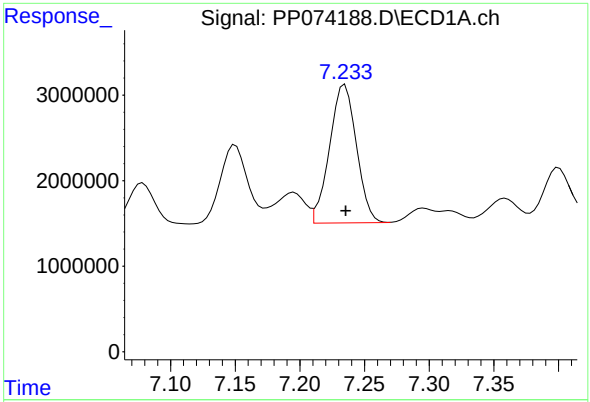
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml



#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml



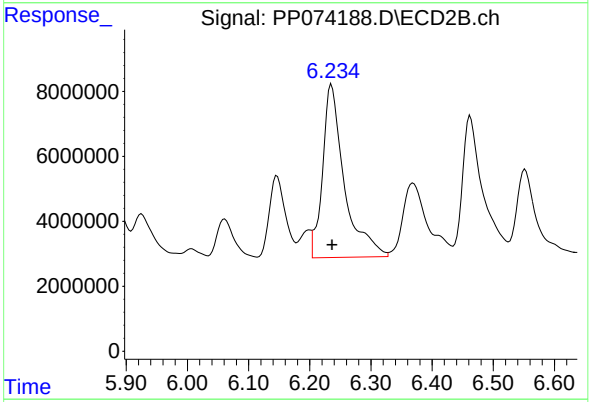
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

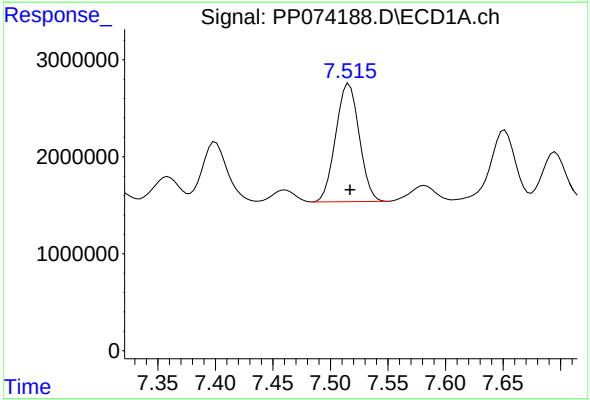
Manual Integrations APPROVED

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



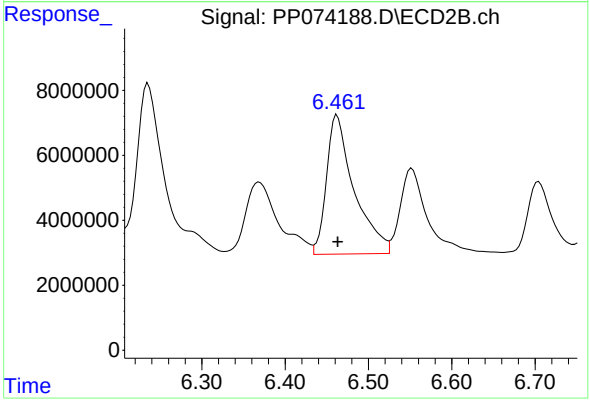
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



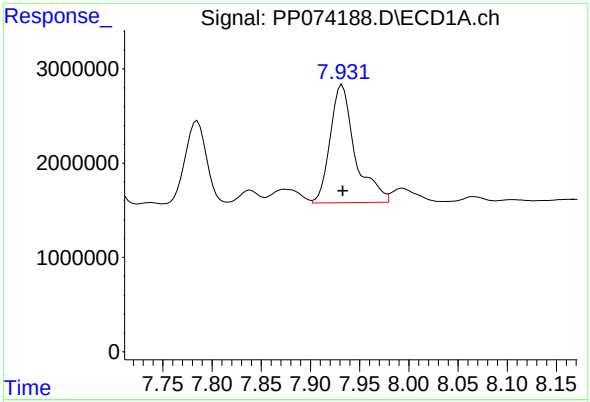
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



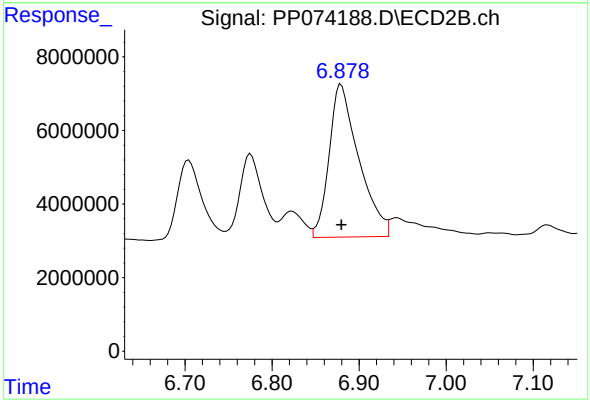
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 22010158
Conc: 272.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 98393861
Conc: 247.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.804	5935360	12647504	5.284	3.358 #
2)	SA Decachlor...	10.430	8.823	5026515	24210870	5.158	4.086
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.689	2796732	16116298	51.810m	44.012
27)	L6 AR-1254-2	6.872	5.836	4500635	12761430	56.609	45.869
28)	L6 AR-1254-3	7.234	6.237	5142235	18482386	58.892	37.780 #
29)	L6 AR-1254-4	7.515	6.464	3412924	14935198	53.486	40.633
30)	L6 AR-1254-5	7.931	6.881	4380720	14900727	53.986	37.906 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

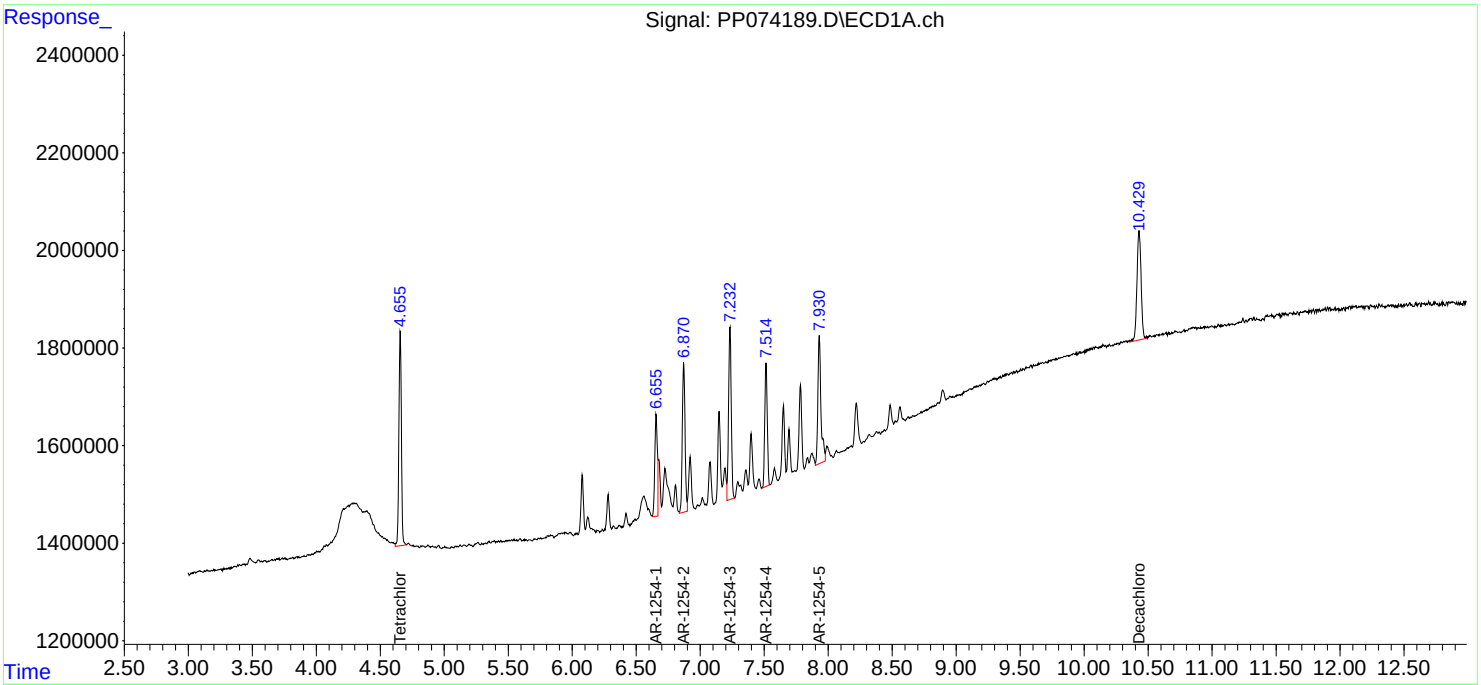
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

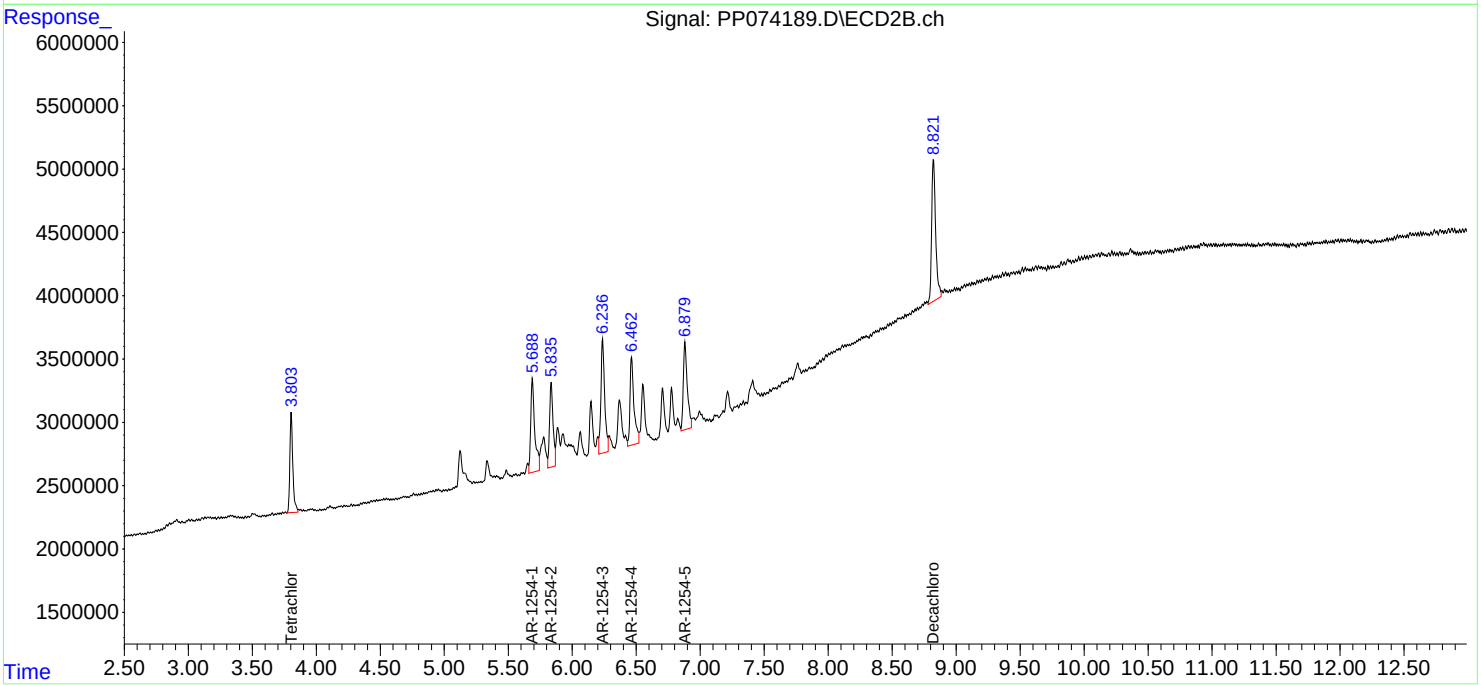
Manual Integrations APPROVED

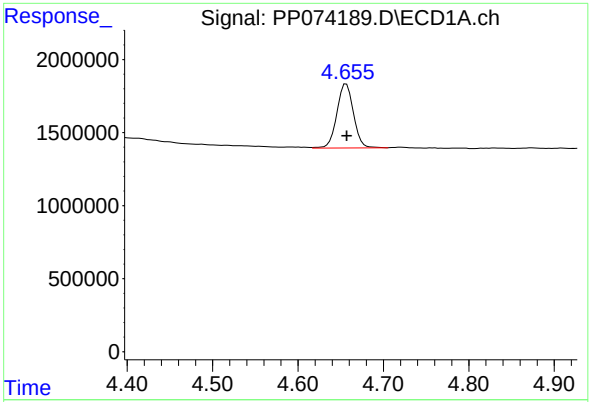
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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







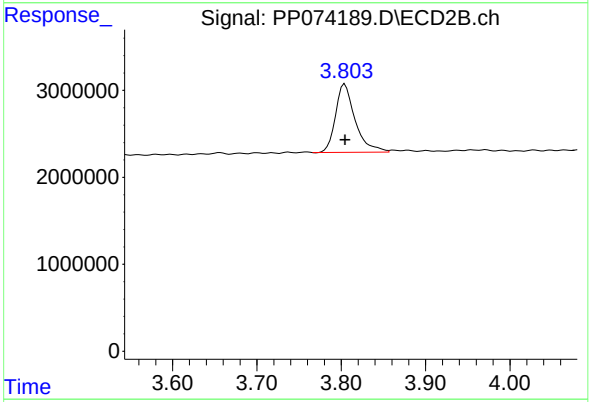
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

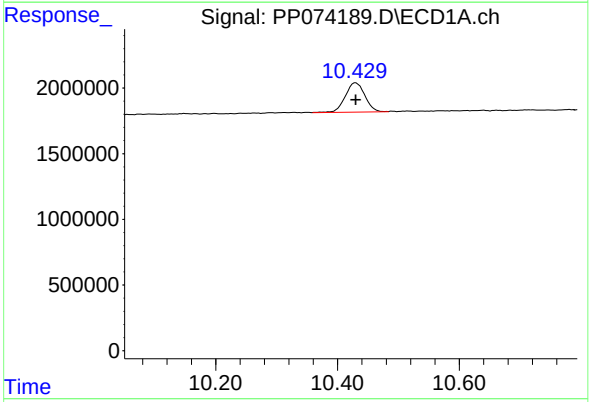
Manual Integrations APPROVED

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



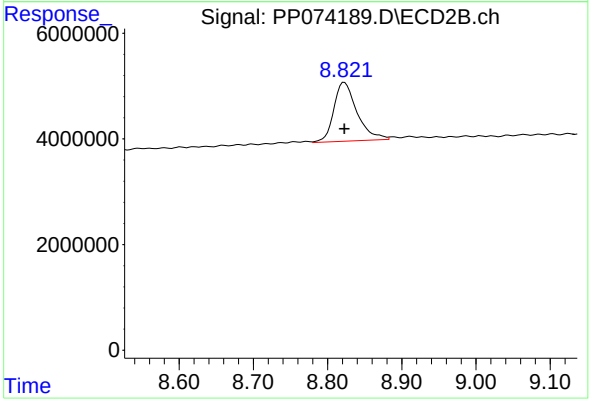
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



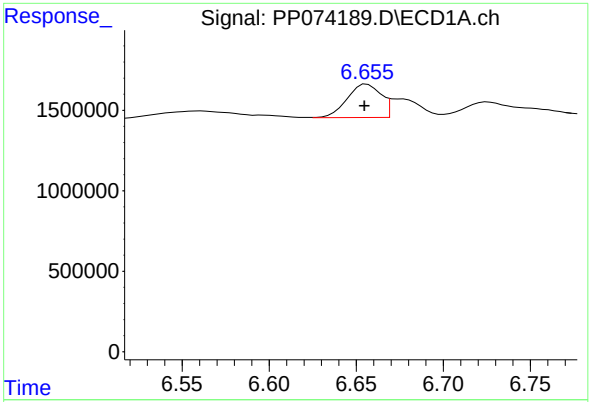
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



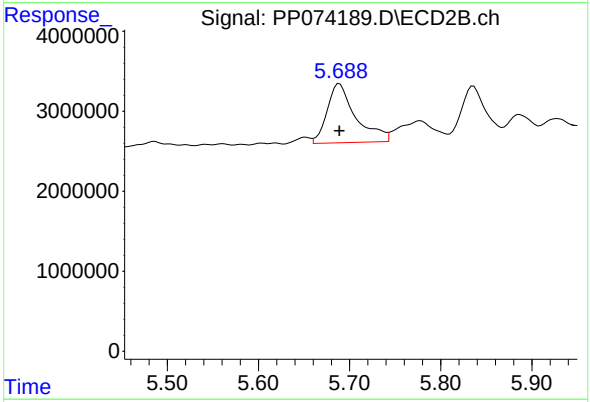
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 2796732
Conc: 51.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

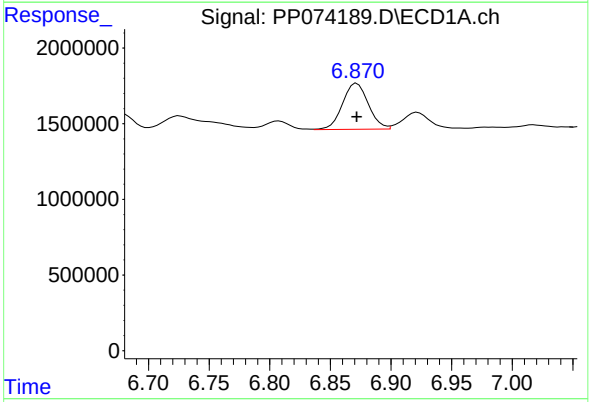
Manual Integrations APPROVED

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



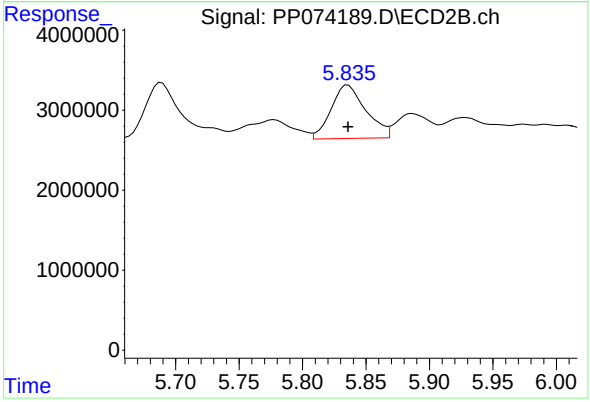
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



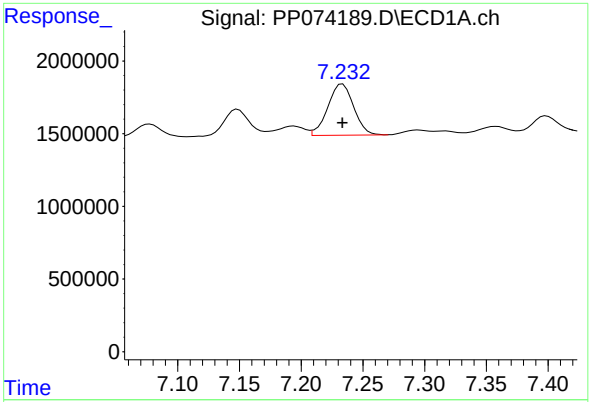
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



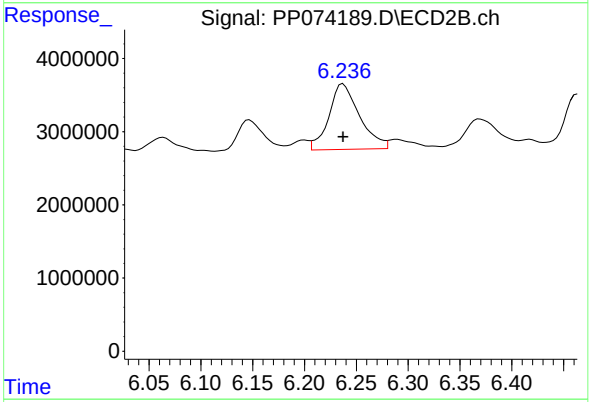
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

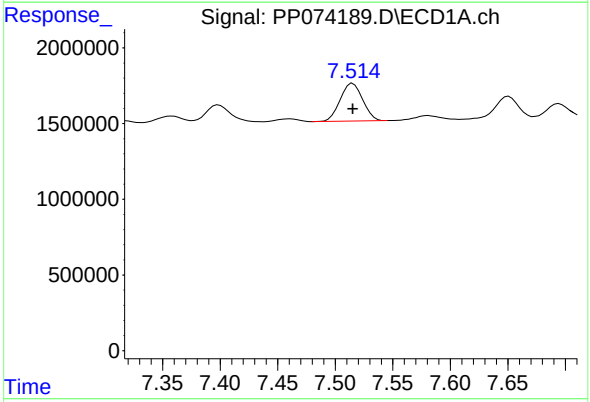
Manual Integrations APPROVED

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



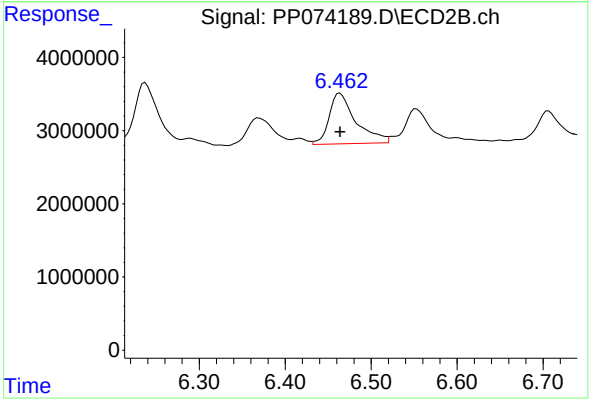
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



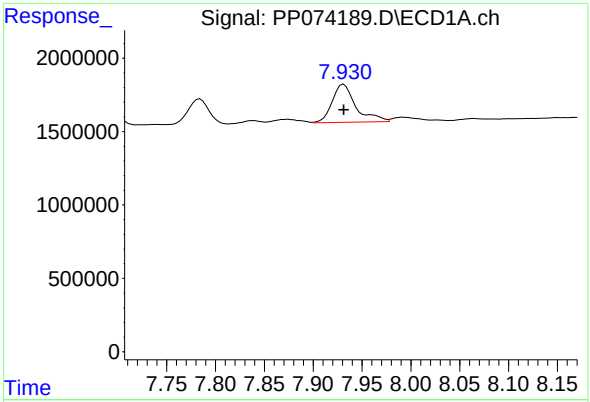
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



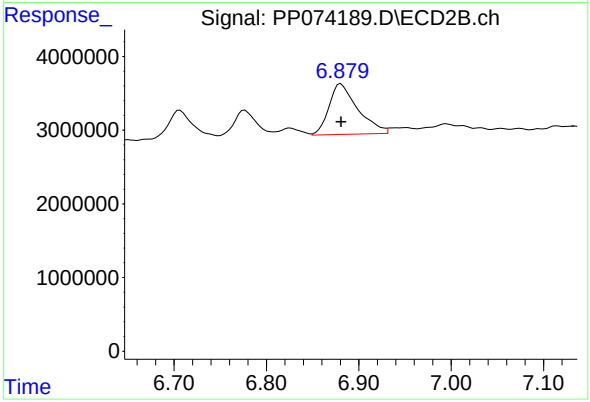
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 4380720
Conc: 53.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 14900727
Conc: 37.91 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:10:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.802	54354703	199.7E6	50.000	50.000
2)	SA Decachlor...	10.430	8.820	48321379	306.6E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.237	6.917	37894848	281.6E6	500.000	500.000
37)	L8 AR-1262-2	8.562	7.176	65215013	200.5E6	500.000	500.000
38)	L8 AR-1262-3	8.888	7.698	47035440	179.7E6	500.000	500.000
39)	L8 AR-1262-4	8.974	7.761	36425846	333.5E6	500.000	500.000
40)	L8 AR-1262-5	9.645	8.255	25461320	141.6E6	500.000	500.000

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

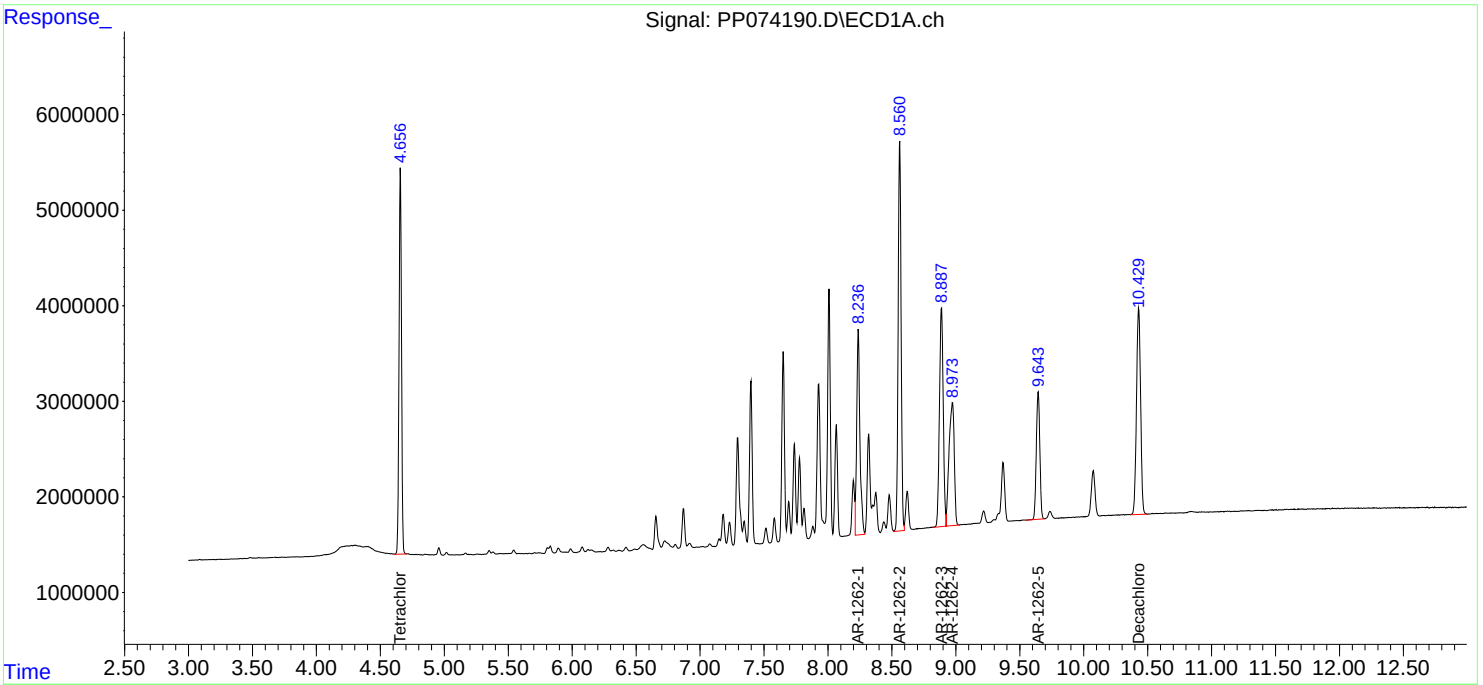
ICAL Form

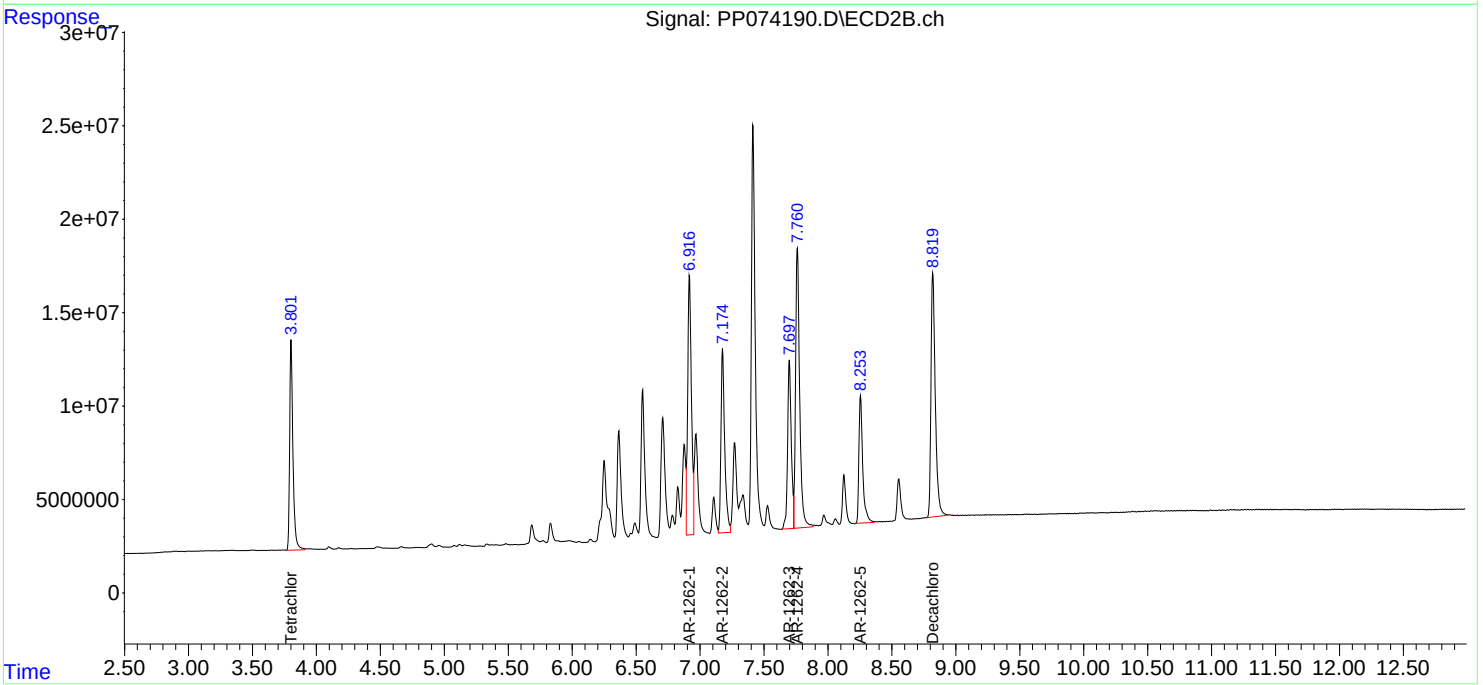
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

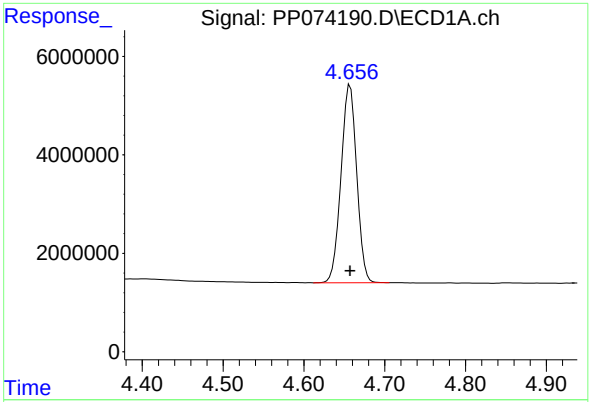
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:10:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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



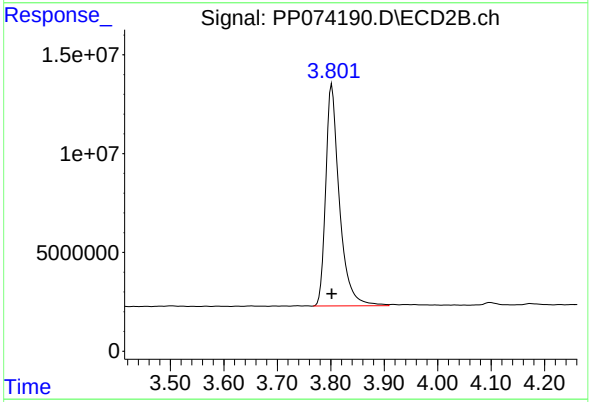




#1 Tetrachloro-m-xylene

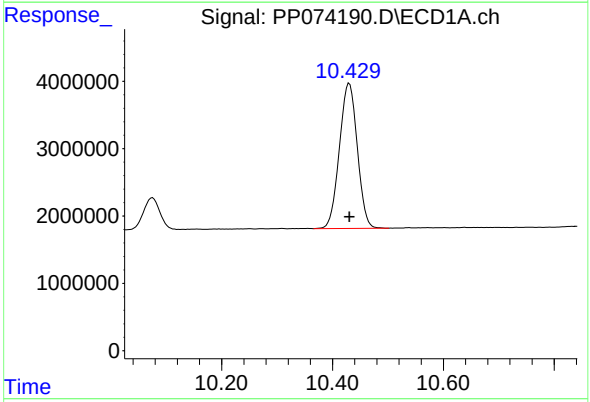
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 54354703
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



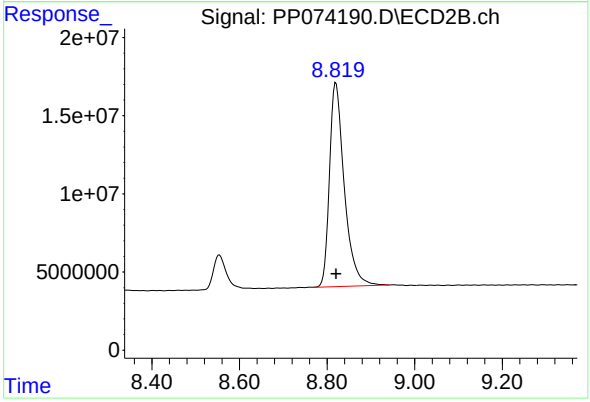
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 199655972
Conc: 50.00 ng/ml



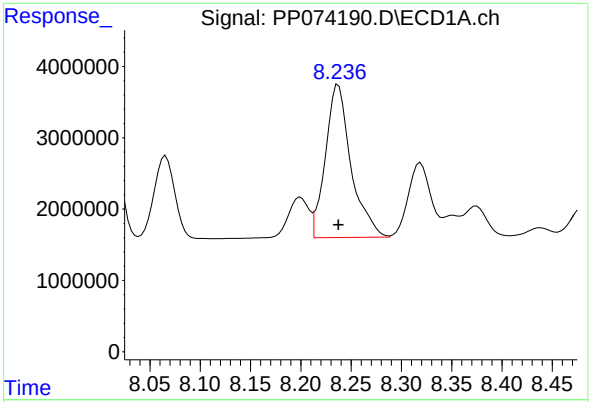
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 48321379
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

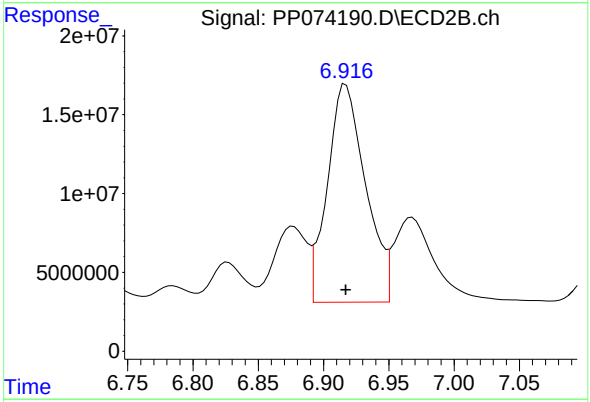
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 306598020
Conc: 50.00 ng/ml



#36 AR-1262-1

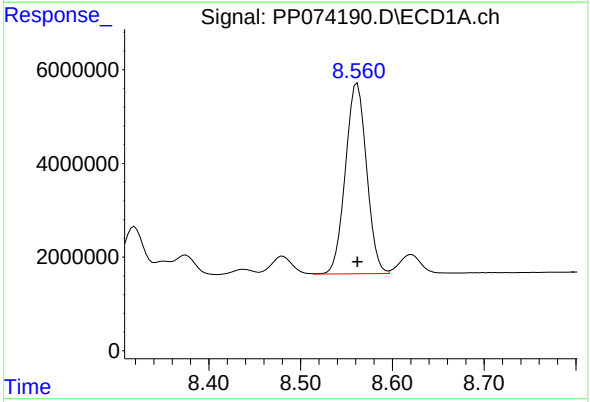
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 37894848
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



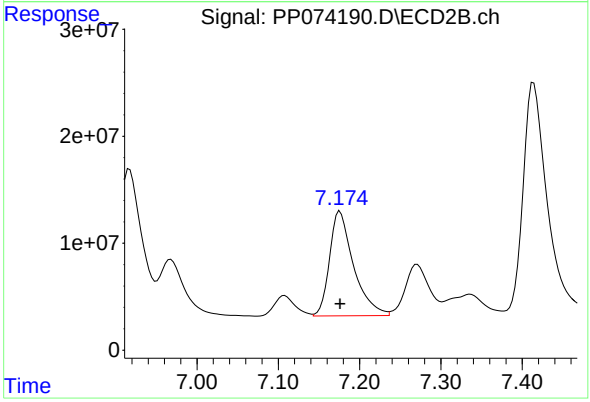
#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 281571248
Conc: 500.00 ng/ml



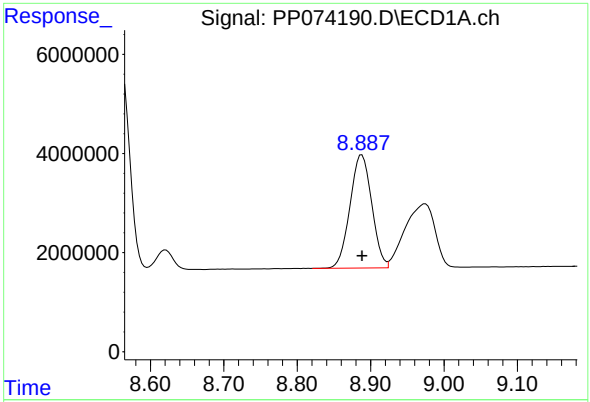
#37 AR-1262-2

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 65215013
Conc: 500.00 ng/ml



#37 AR-1262-2

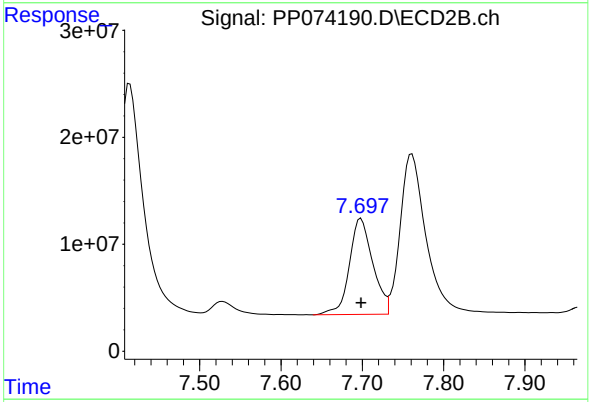
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 200511630
Conc: 500.00 ng/ml



#38 AR-1262-3

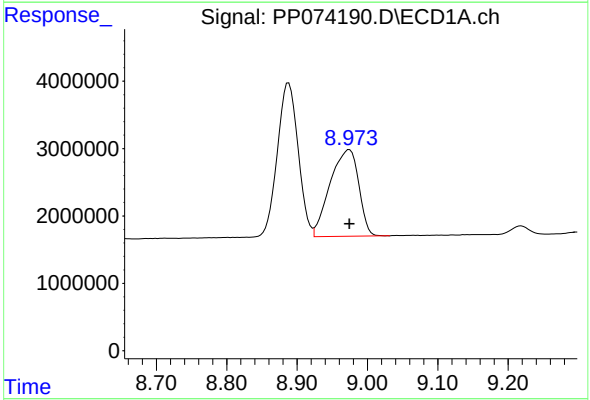
R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 47035440
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



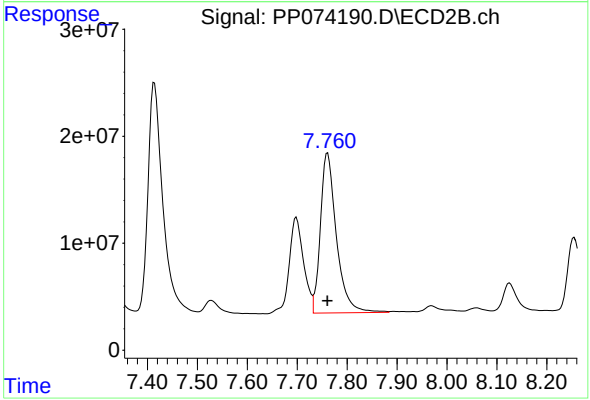
#38 AR-1262-3

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 179734932
Conc: 500.00 ng/ml



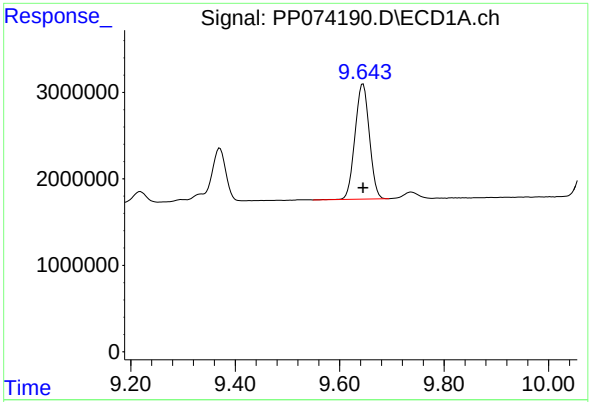
#39 AR-1262-4

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 36425846
Conc: 500.00 ng/ml



#39 AR-1262-4

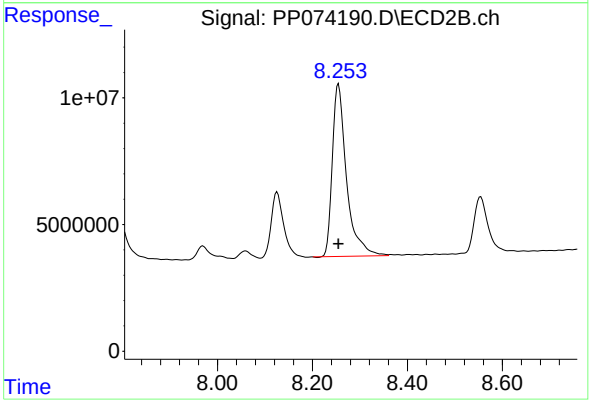
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 333460882
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.645 min
Delta R.T.: 0.000 min
Response: 25461320
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 141634065
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:13:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.801	58418637	219.4E6	50.000	50.000
2)	SA Decachlor...	10.429	8.820	86270477	592.0E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.883	7.698	79013824	584.6E6	500.000	500.000
42)	L9 AR-1268-2	8.978	7.762	73014004	574.1E6	500.000	500.000
43)	L9 AR-1268-3	9.218	7.970	60700868	445.9E6	500.000	500.000
44)	L9 AR-1268-4	9.644	8.255	29824069	164.7E6	500.000	500.000
45)	L9 AR-1268-5	10.075	8.556	179.0E6	1386.1E6	500.000	500.000

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

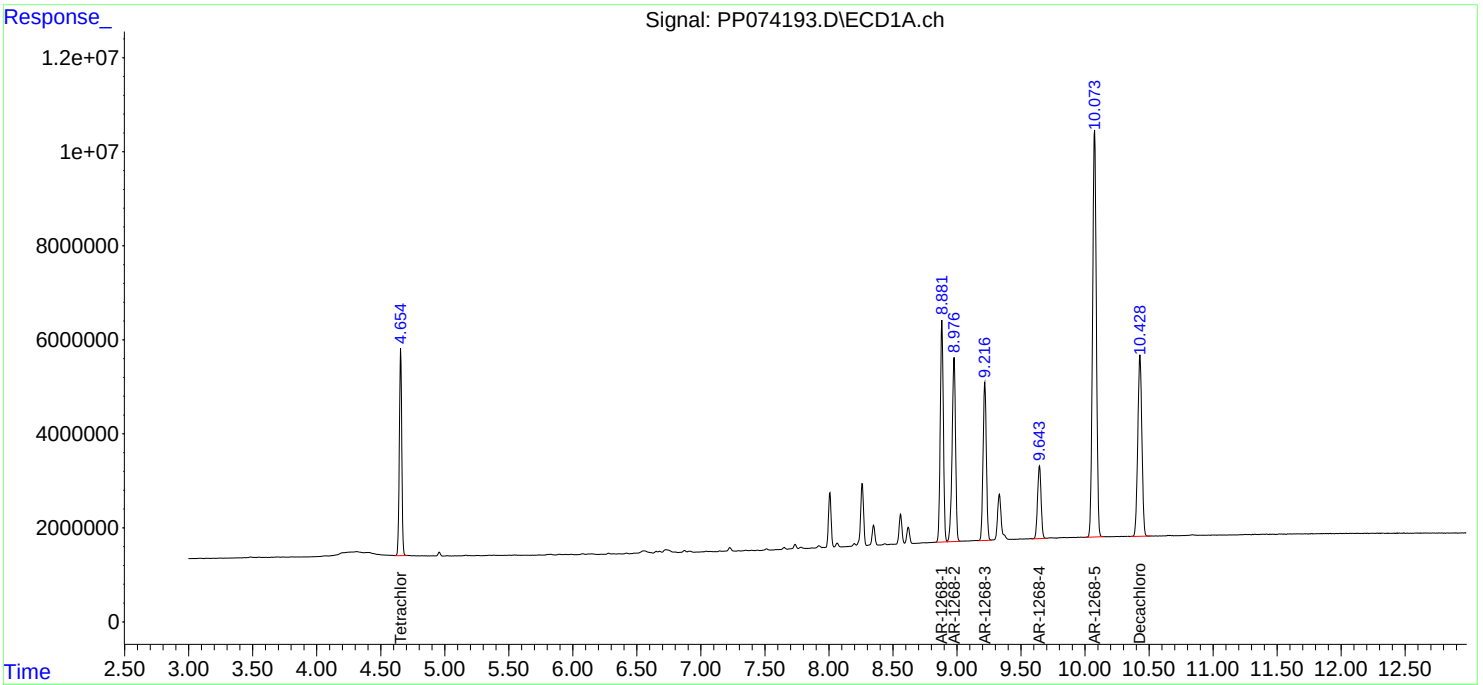
ICAL Form

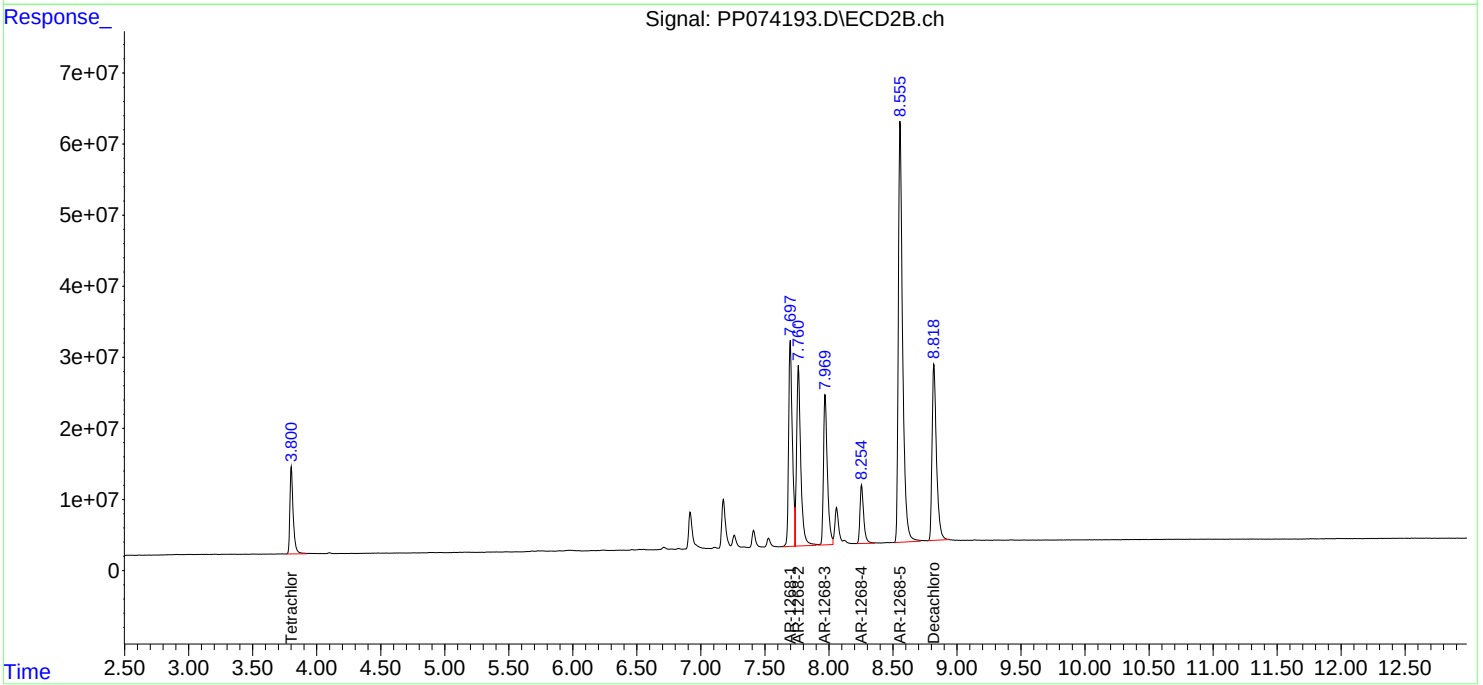
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

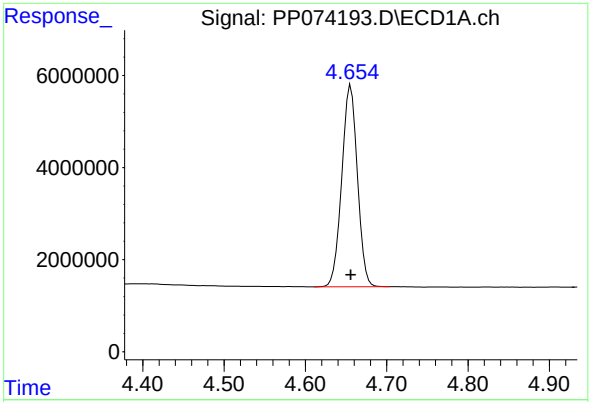
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:13:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



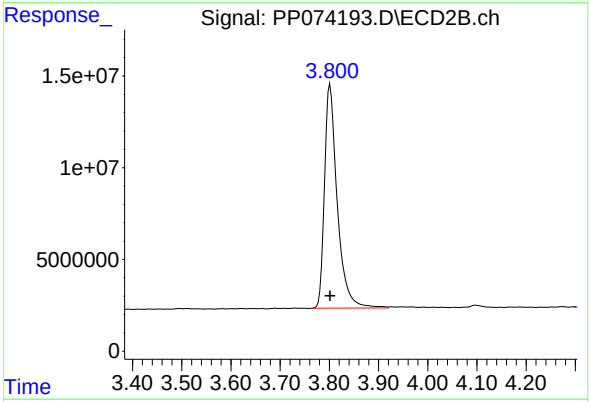




#1 Tetrachloro-m-xylene

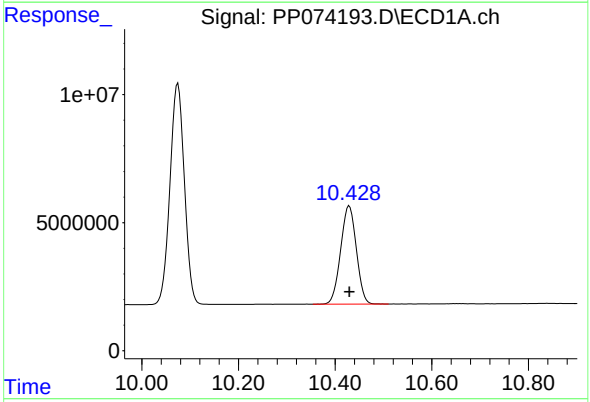
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 58418637
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



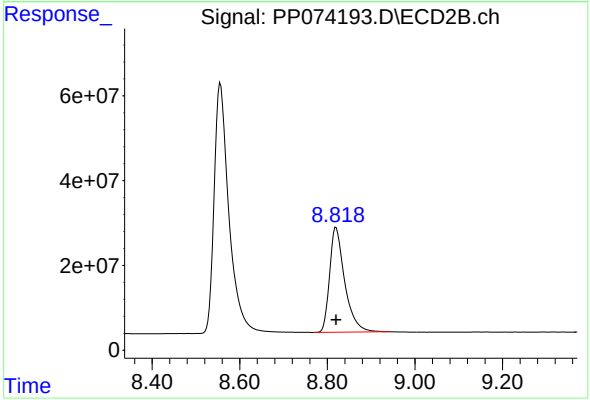
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 219400957
Conc: 50.00 ng/ml



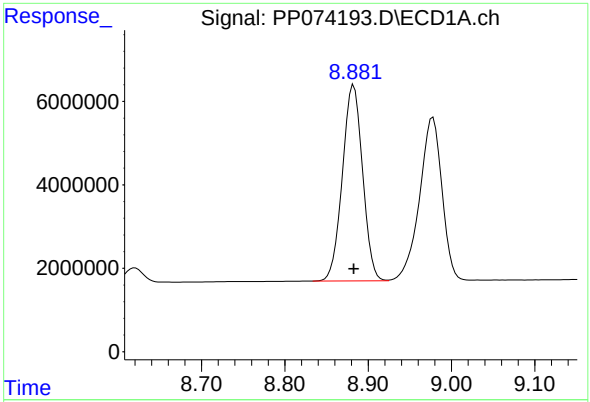
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 86270477
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

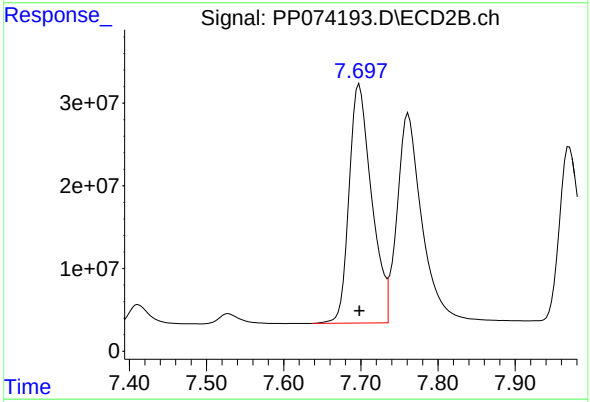
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 591964965
Conc: 50.00 ng/ml



#41 AR-1268-1

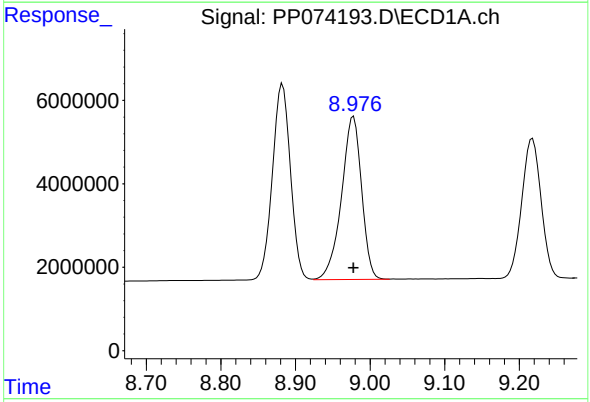
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 79013824
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



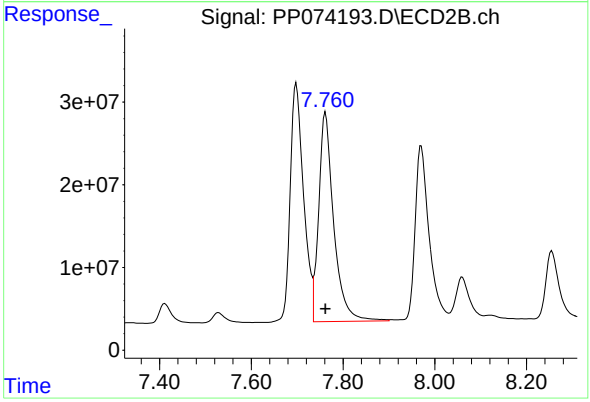
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 584610148
Conc: 500.00 ng/ml



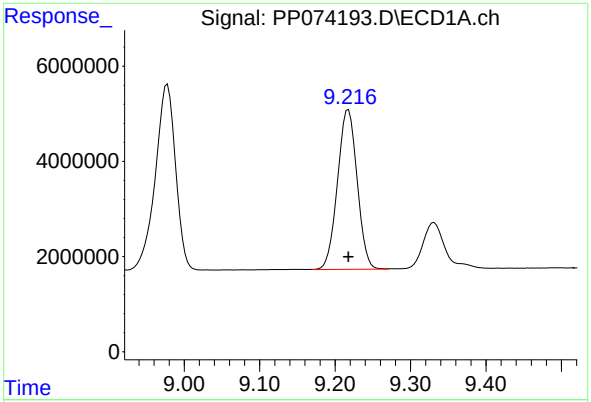
#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 73014004
Conc: 500.00 ng/ml



#42 AR-1268-2

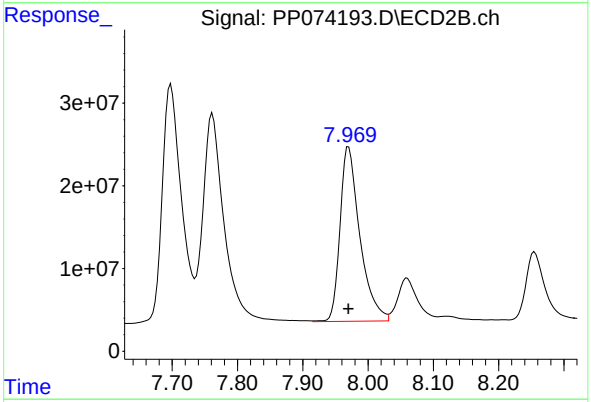
R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 574066353
Conc: 500.00 ng/ml



#43 AR-1268-3

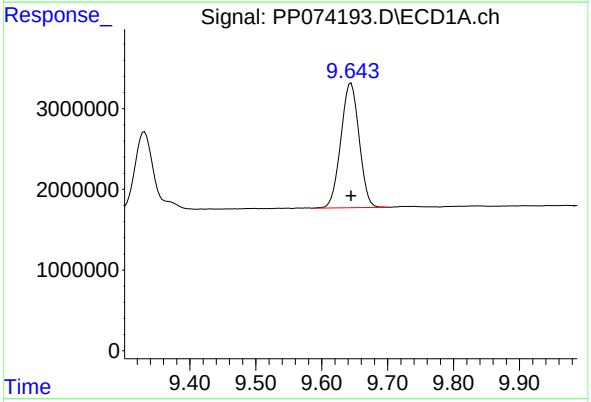
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 60700868
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



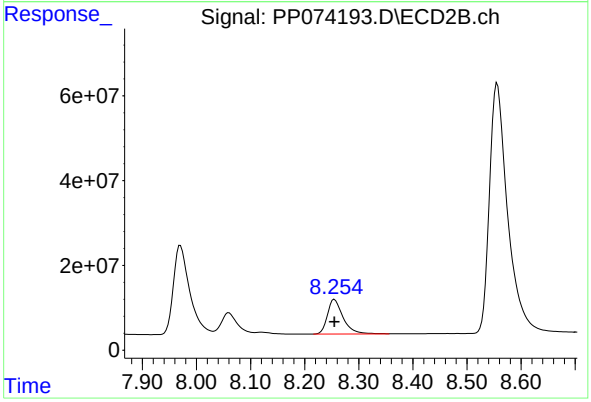
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 445933310
Conc: 500.00 ng/ml



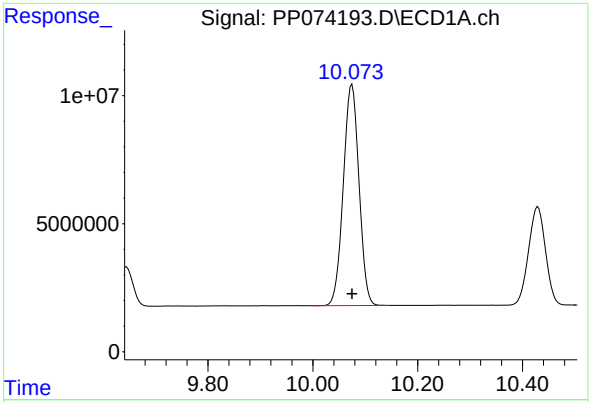
#44 AR-1268-4

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 29824069
Conc: 500.00 ng/ml



#44 AR-1268-4

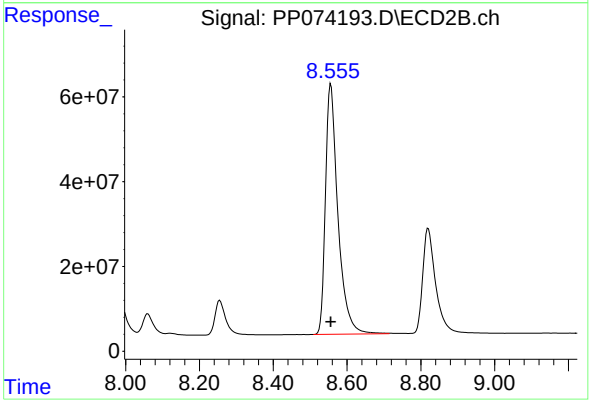
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 164734669
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 178970338
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 1386149287
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

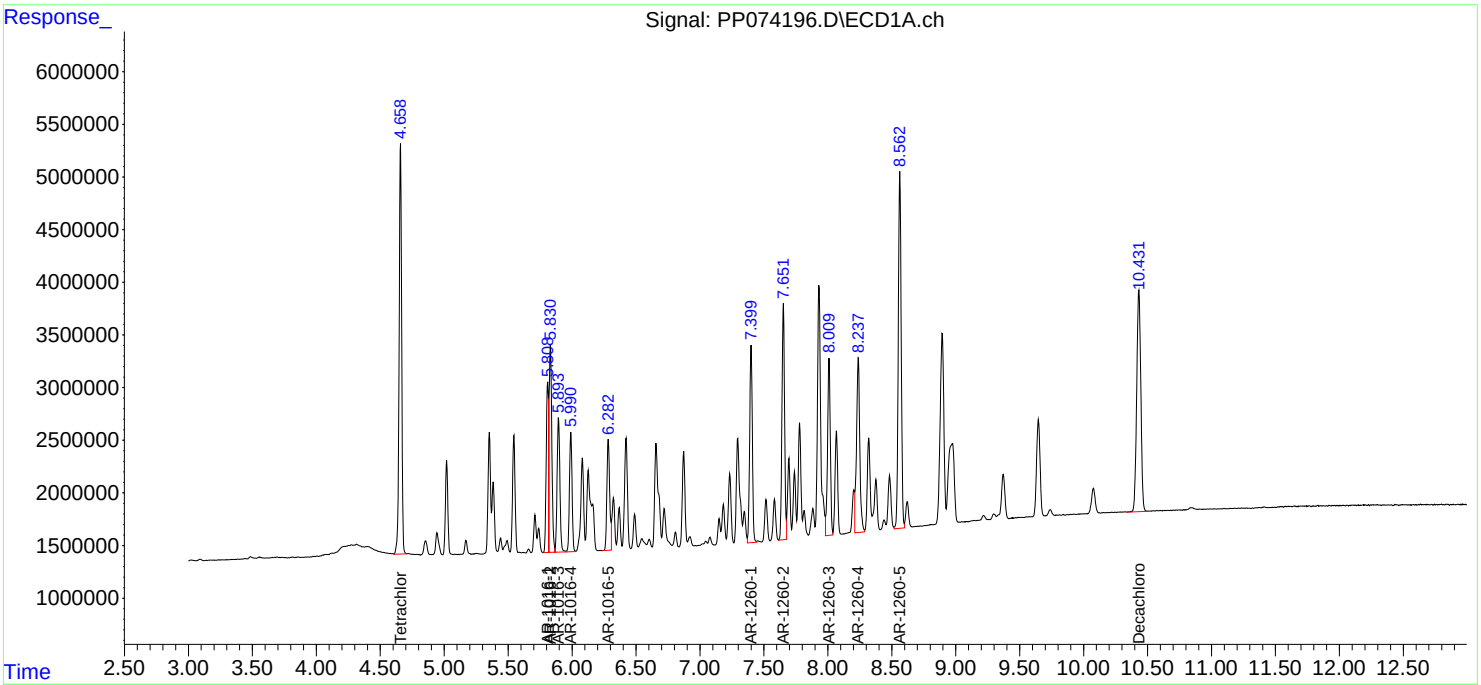
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

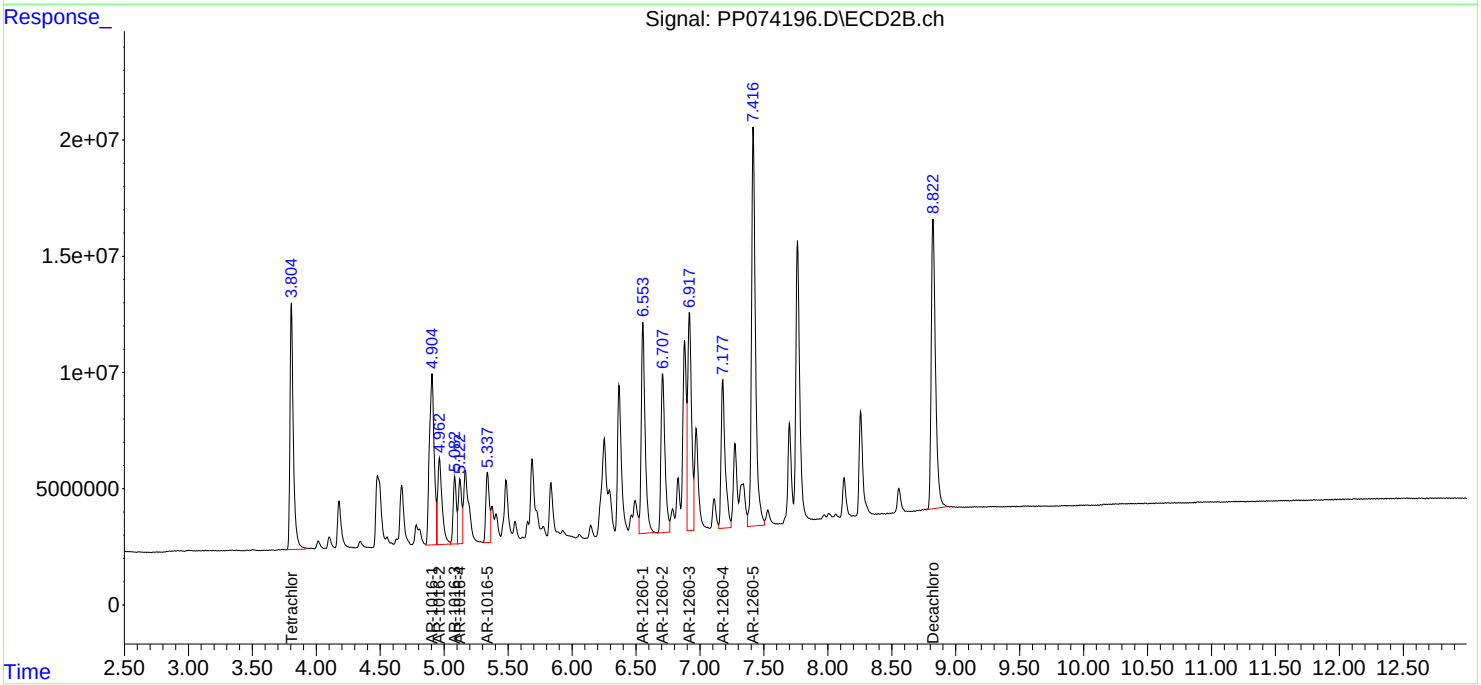
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP\AJ
Sample : PP080125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

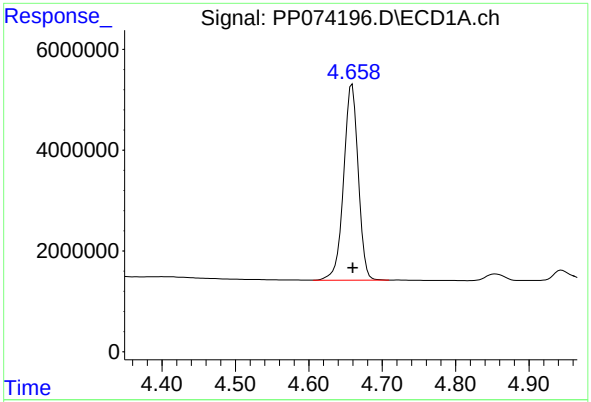
Instrument :
ECD_P
ClientSampleId :
ICVPP080125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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



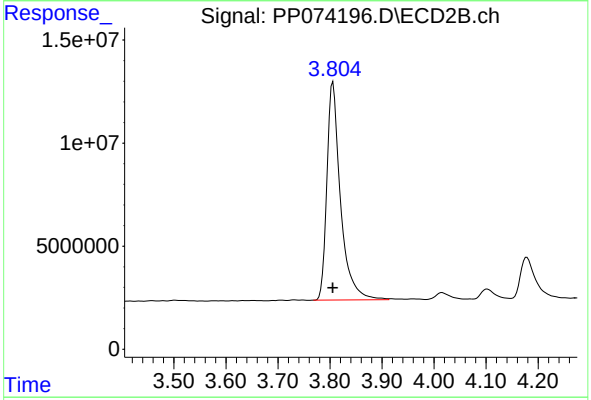




#1 Tetrachloro-m-xylene

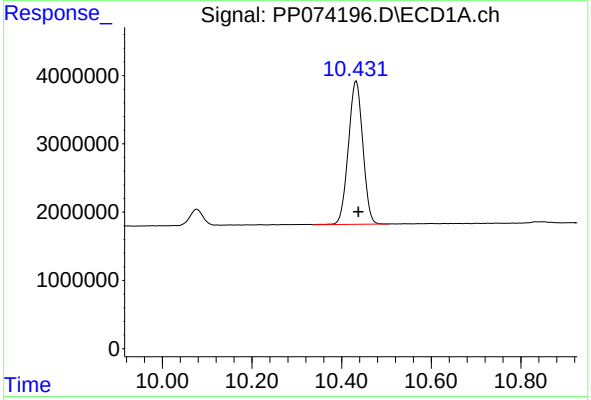
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 53809613
Conc: 48.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



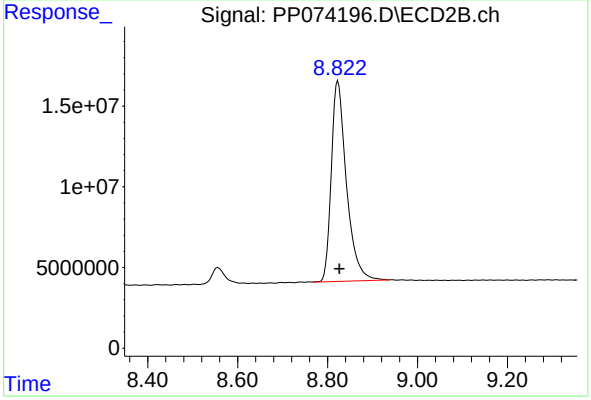
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 192460994
Conc: 50.19 ng/ml



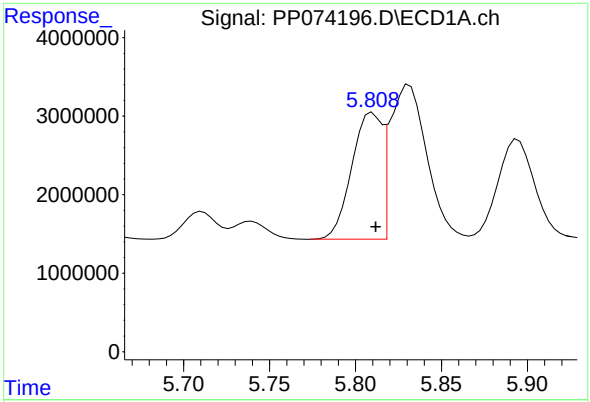
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.004 min
Response: 46918201
Conc: 48.31 ng/ml



#2 Decachlorobiphenyl

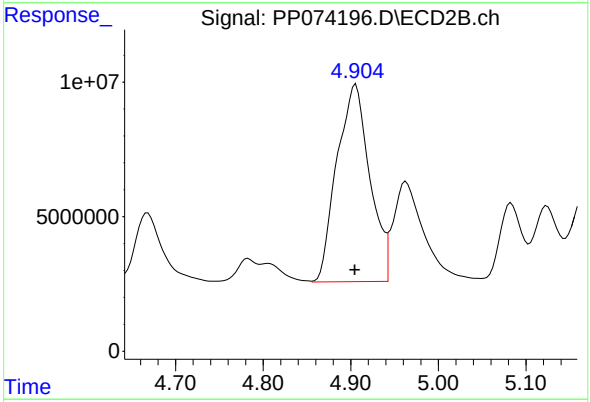
R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 290236674
Conc: 48.26 ng/ml



#3 AR-1016-1

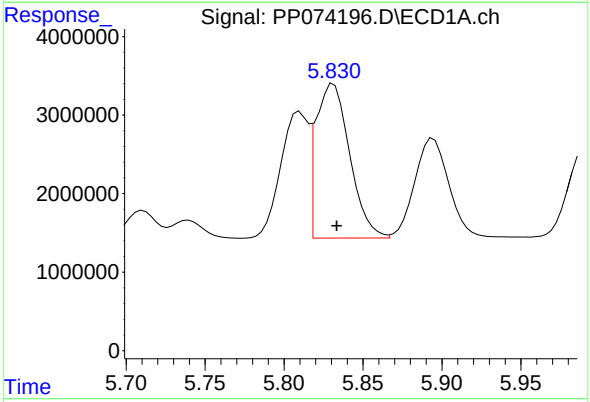
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 19711119
Conc: 477.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



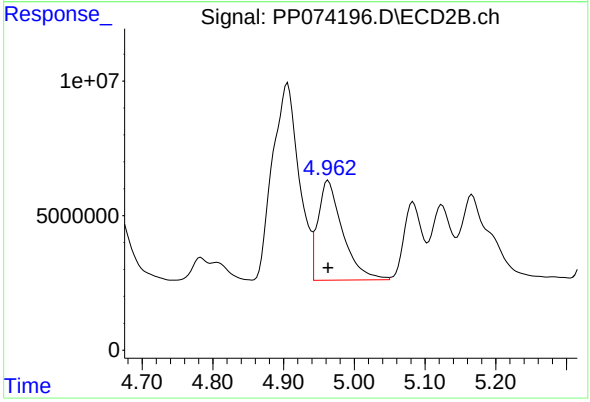
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.001 min
Response: 191326645
Conc: 479.65 ng/ml



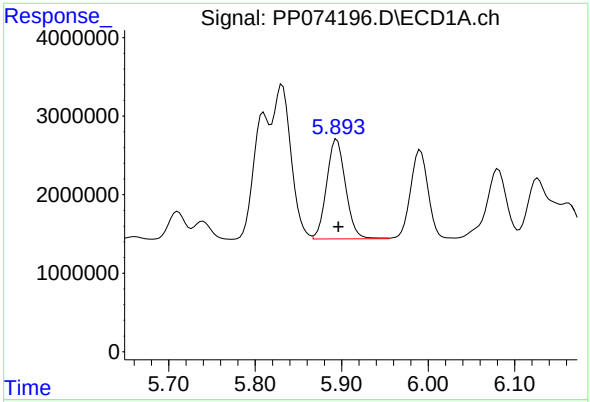
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 29290082
Conc: 482.21 ng/ml



#4 AR-1016-2

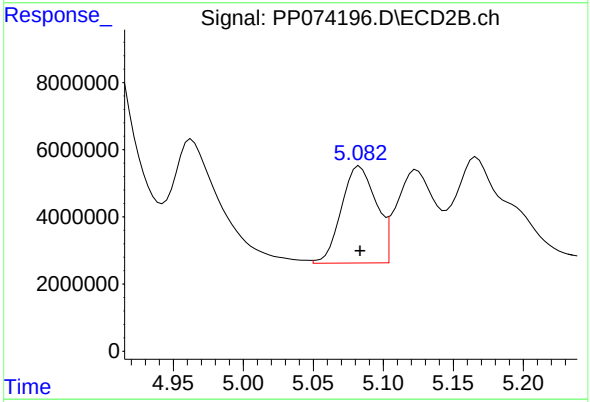
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 90085682
Conc: 479.67 ng/ml



#5 AR-1016-3

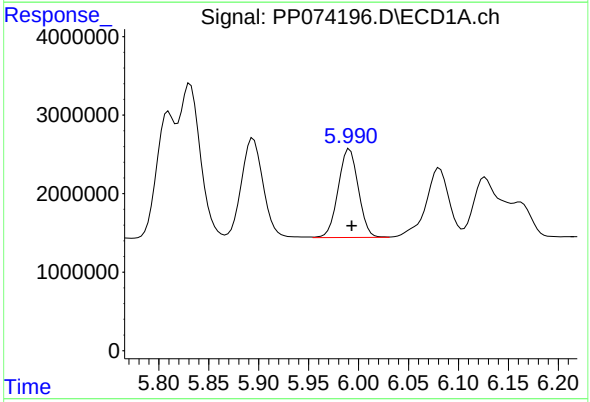
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 19171615
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



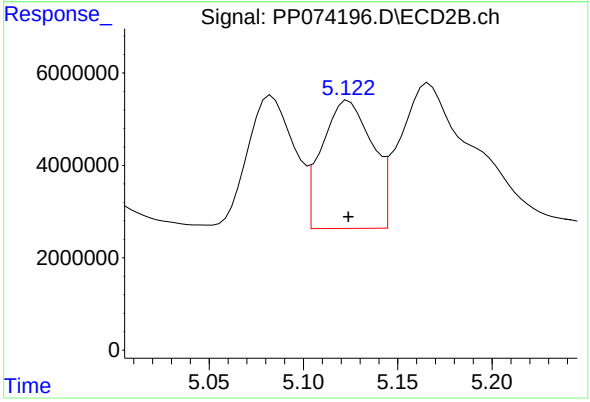
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 49893167
Conc: 470.38 ng/ml



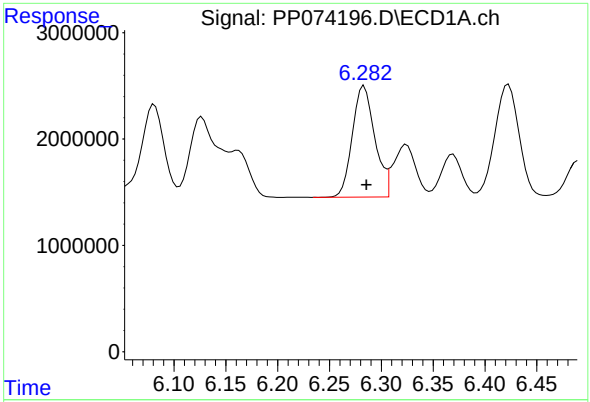
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 15834175
Conc: 486.54 ng/ml



#6 AR-1016-4

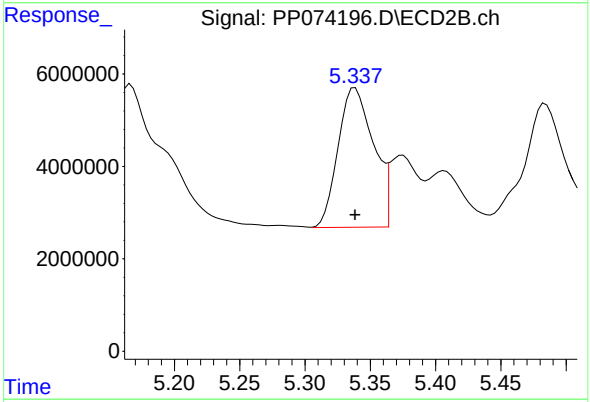
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 51335124
Conc: 470.02 ng/ml



#7 AR-1016-5

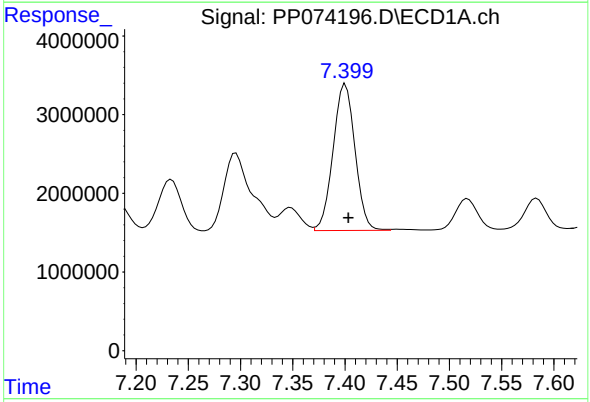
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 15788703
Conc: 486.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



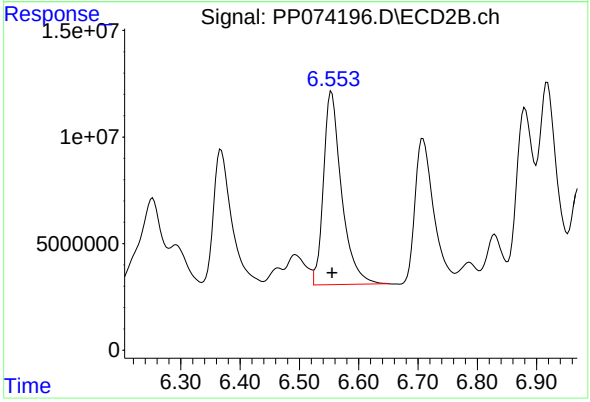
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 57011251
Conc: 487.43 ng/ml



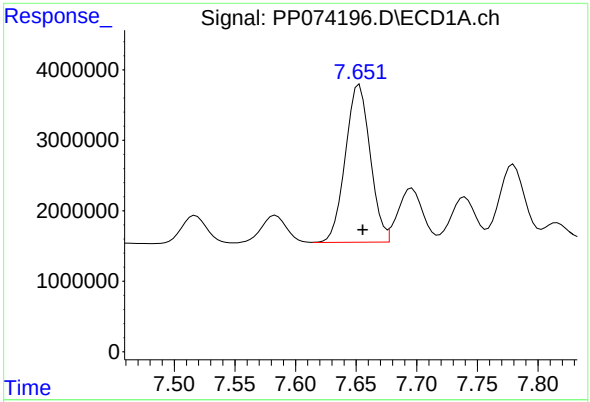
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 27159073
Conc: 481.92 ng/ml



#31 AR-1260-1

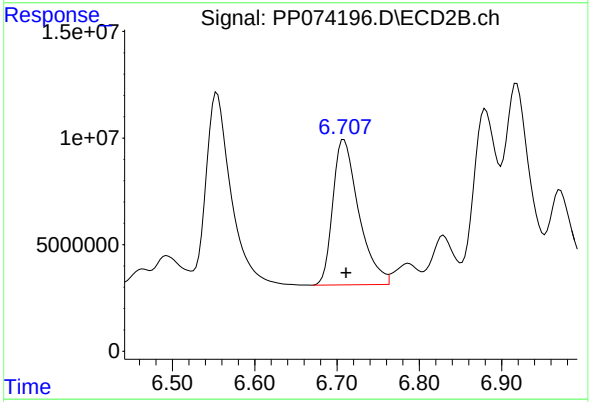
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 192539458
Conc: 476.63 ng/ml



#32 AR-1260-2

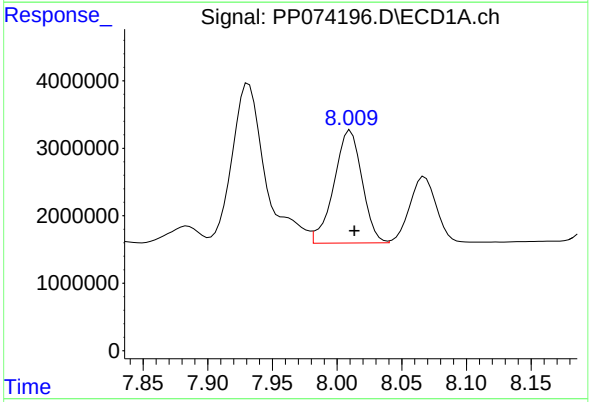
R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 31876376
Conc: 467.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



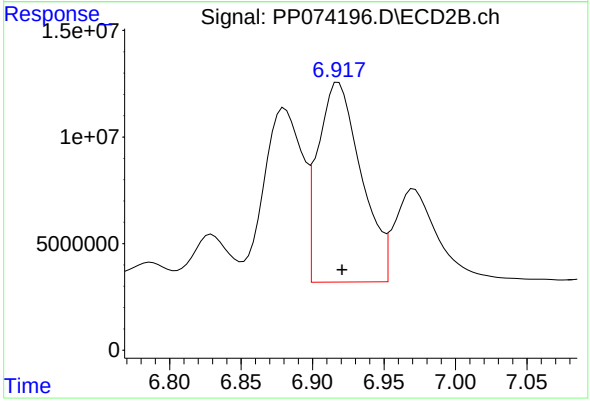
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 149358620
Conc: 477.64 ng/ml



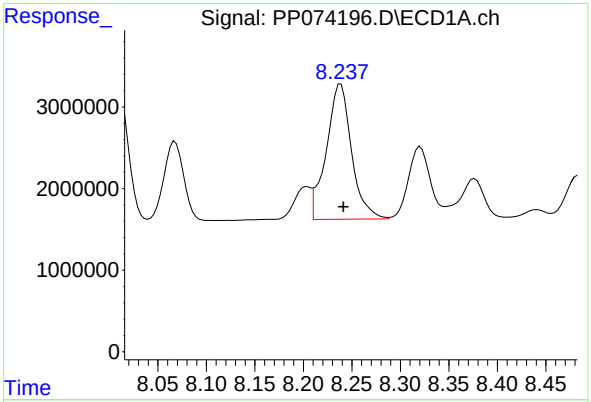
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 25282960
Conc: 474.39 ng/ml



#33 AR-1260-3

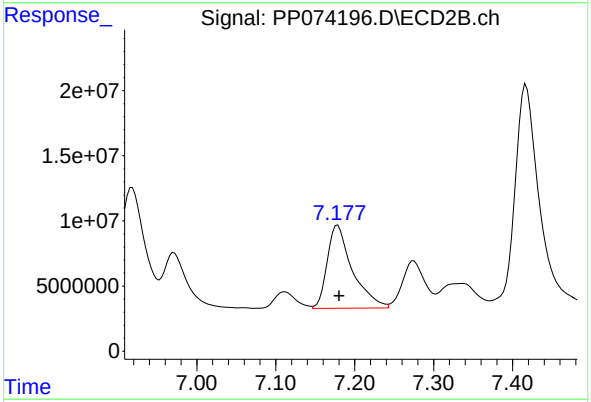
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 196859105
Conc: 499.49 ng/ml



#34 AR-1260-4

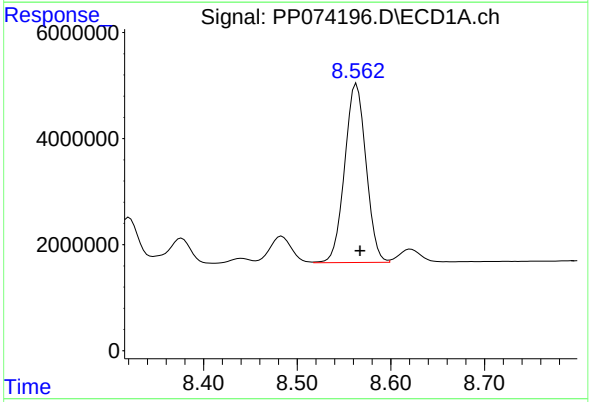
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 29964985
Conc: 478.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



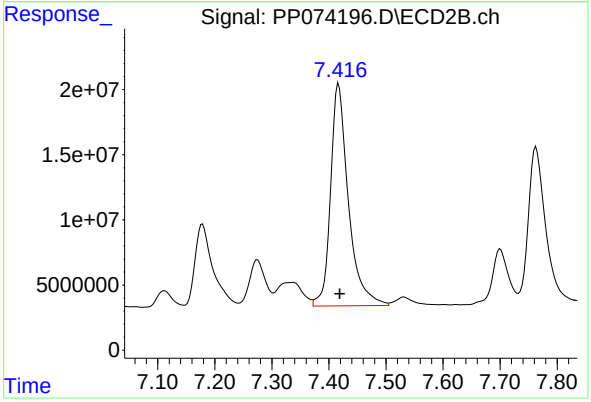
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 140735248
Conc: 483.66 ng/ml



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 53436862
Conc: 471.62 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 370561588
Conc: 489.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.804	55143327	198.9E6	49.310	51.866
2)	SA Decachlor...	10.427	8.822	47800939	295.6E6	49.220	49.156
	Target Compounds						
16)	L4 AR-1242-1	5.806	4.904	17499270	167.4E6	469.580	484.954
17)	L4 AR-1242-2	5.827	4.962	25894594	77861664	475.925	476.575
18)	L4 AR-1242-3	5.890	5.082	17050061	43676713	477.113	473.468
19)	L4 AR-1242-4	5.987	5.164	14124012	56465948	483.390	472.829m
20)	L4 AR-1242-5	6.716	5.686	16823190	70286035	473.119	469.952

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

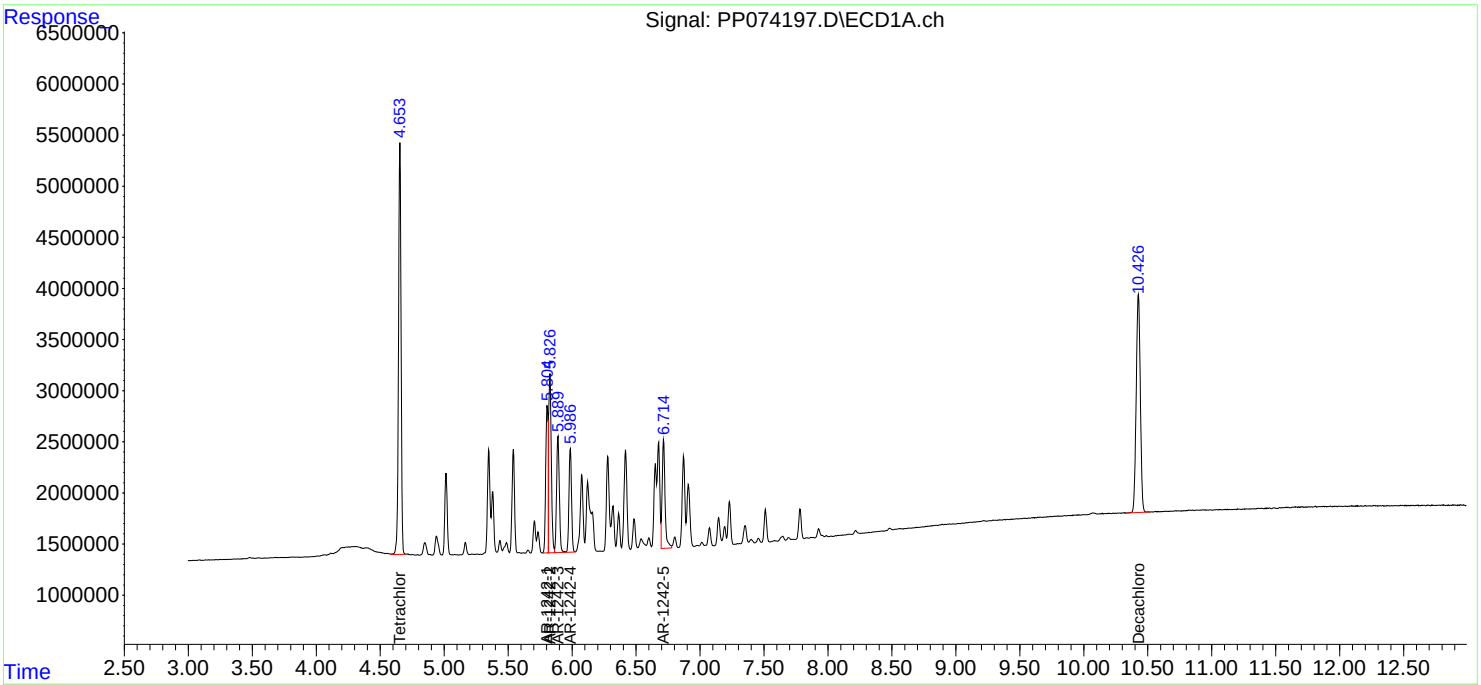
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

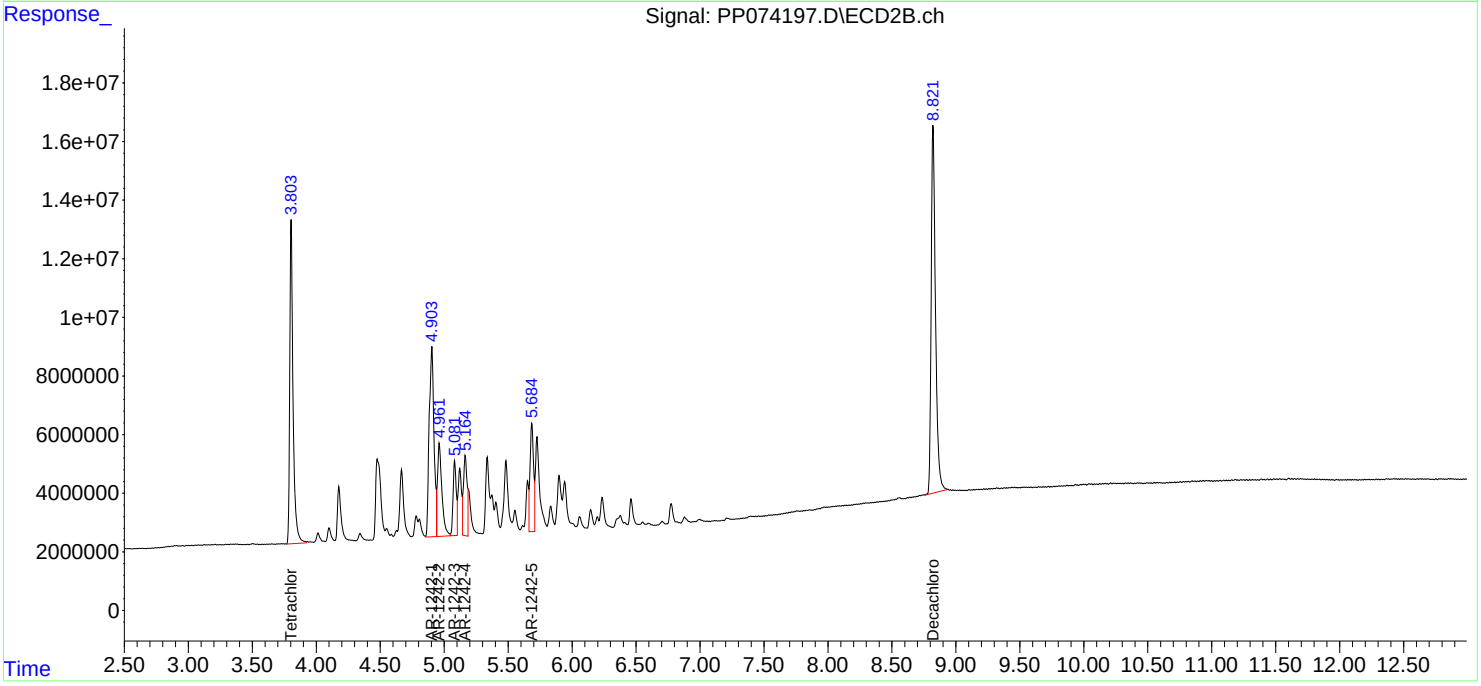
Manual Integrations APPROVED

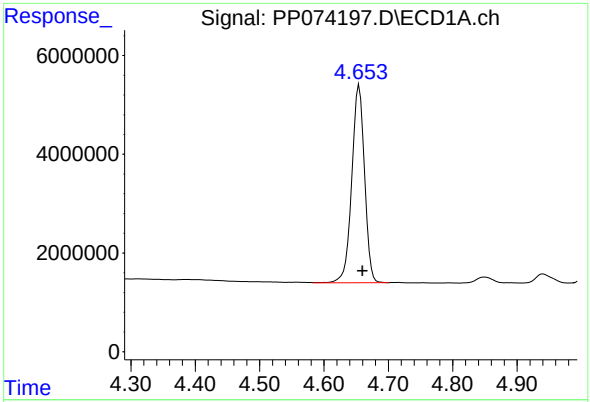
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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







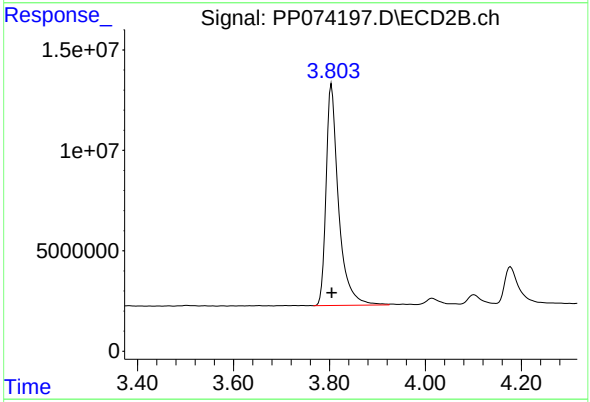
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

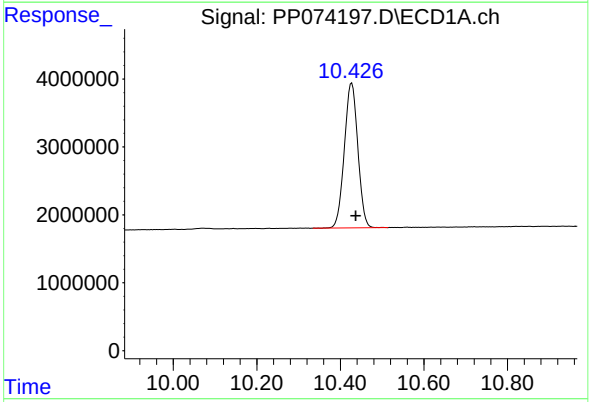
Manual Integrations APPROVED

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



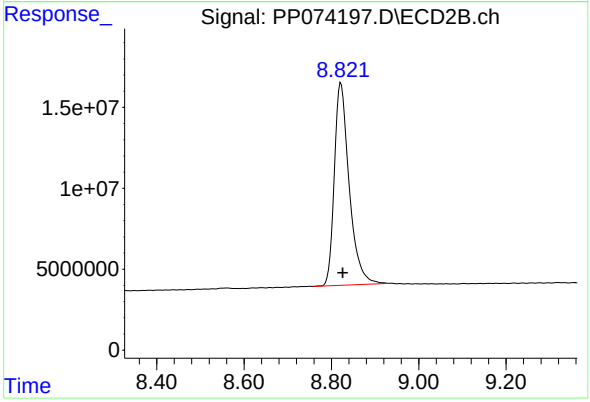
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



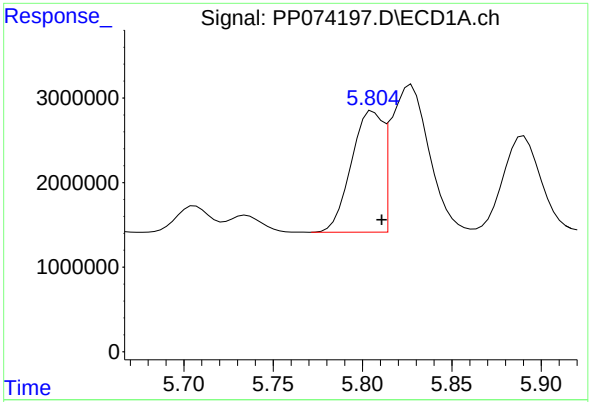
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



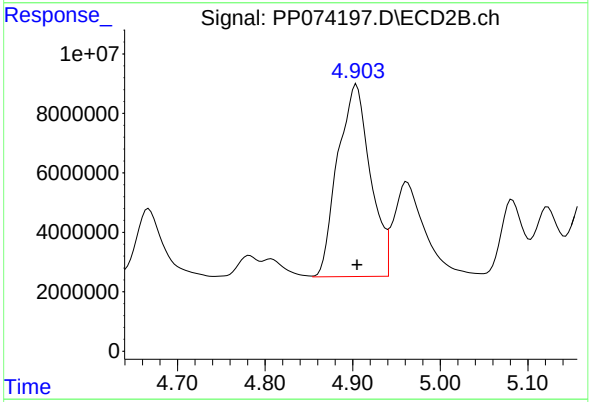
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

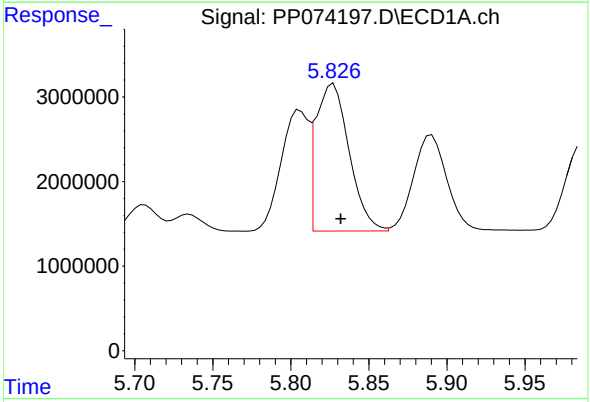
Manual Integrations APPROVED

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



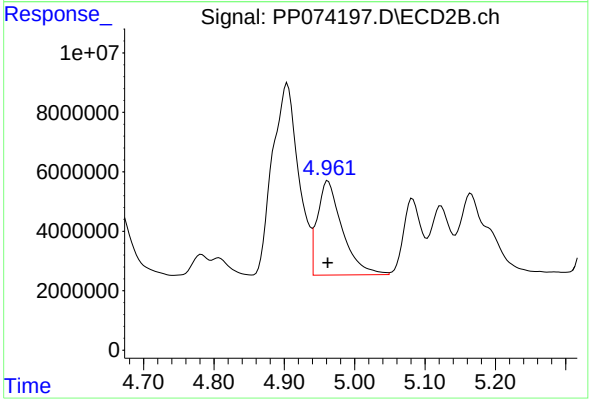
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



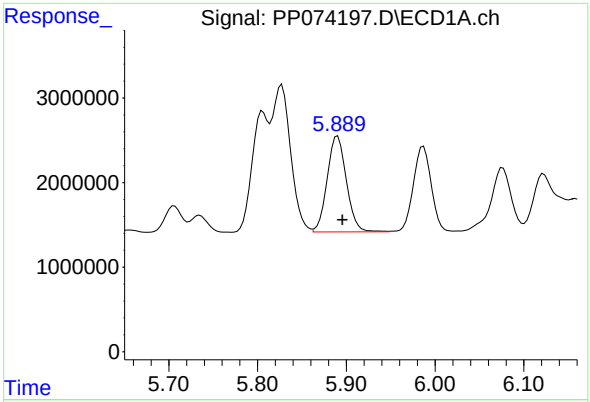
#17 AR-1242-2

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



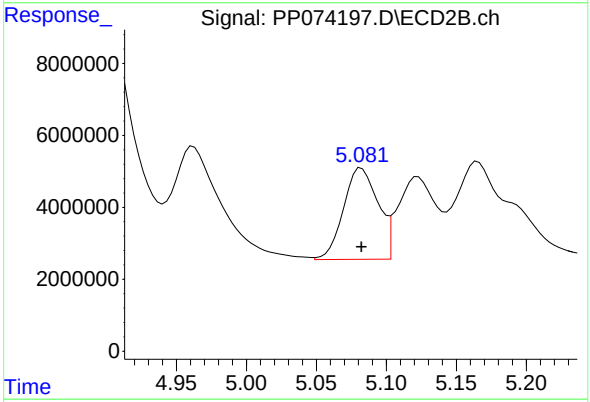
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

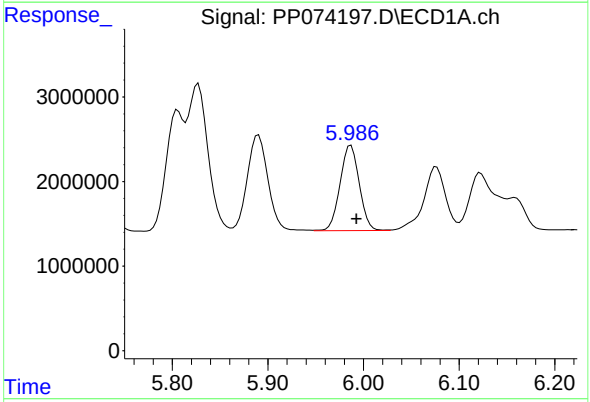
Manual Integrations APPROVED

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



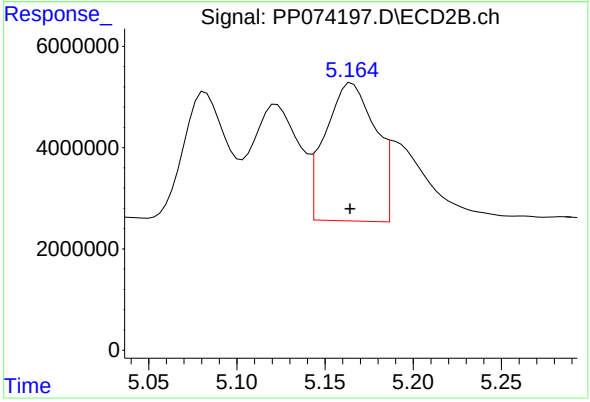
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



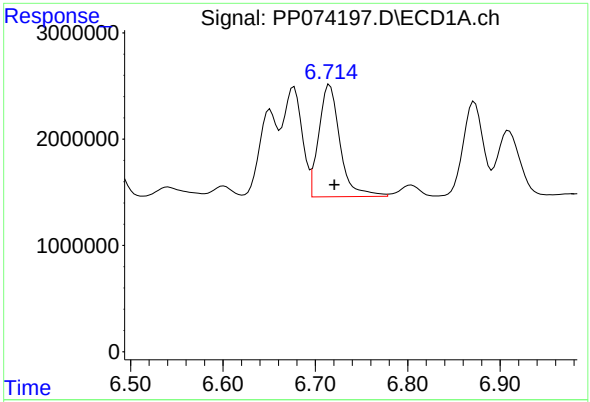
#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 56465948
Conc: 472.83 ng/ml m



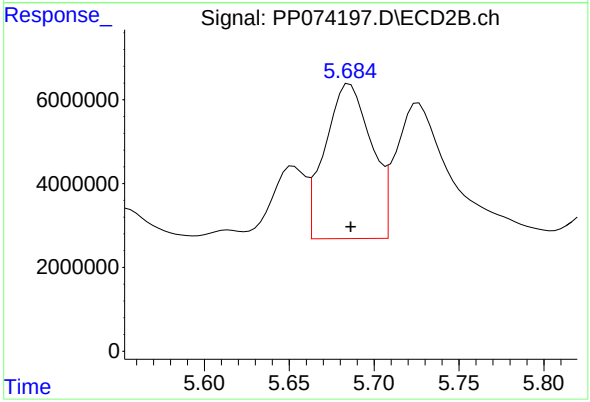
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : 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 08/08/2025

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

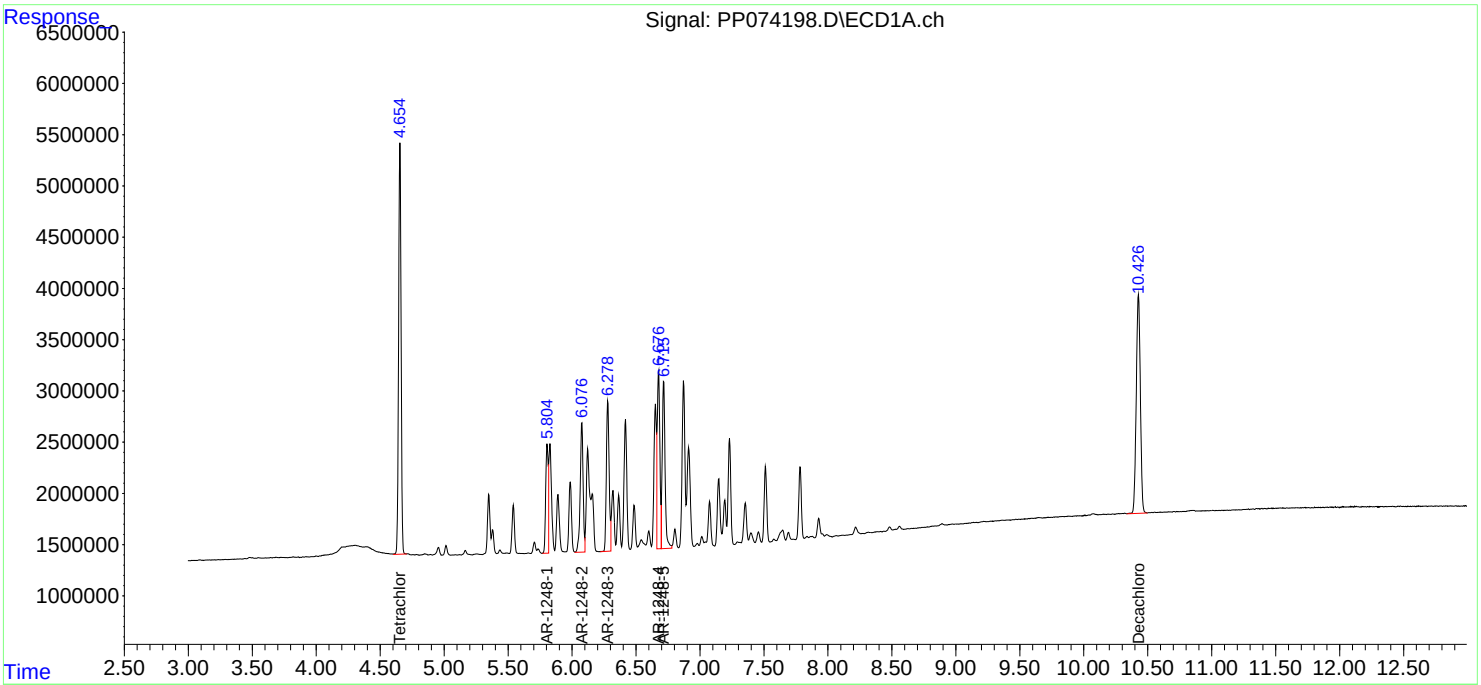
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

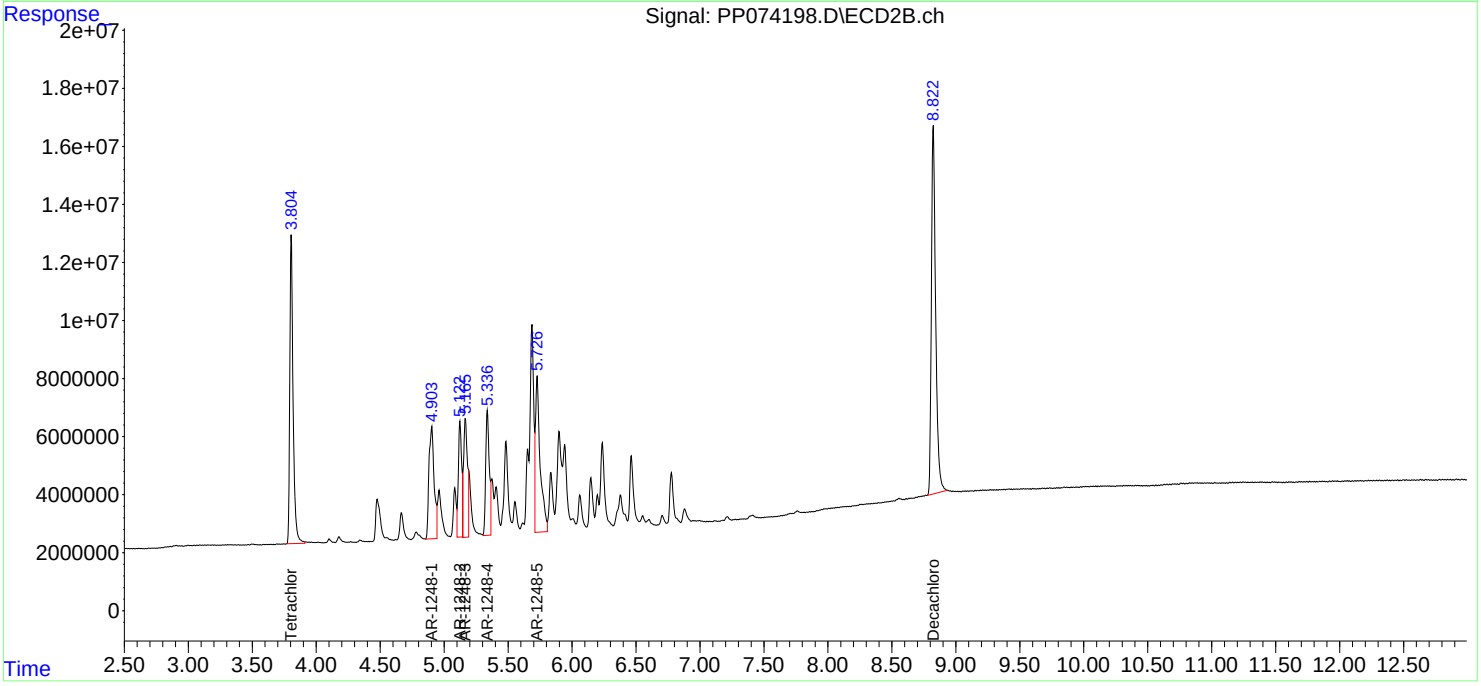
Manual Integrations APPROVED

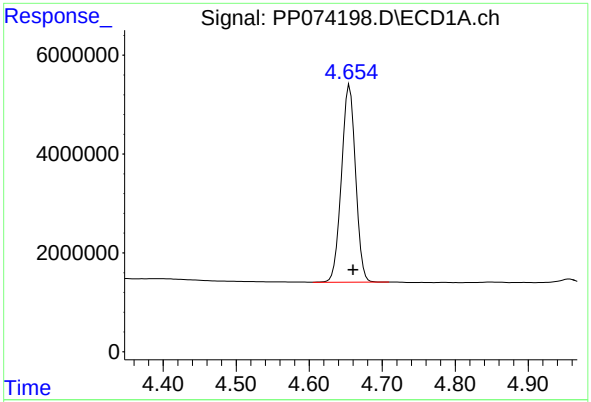
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

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







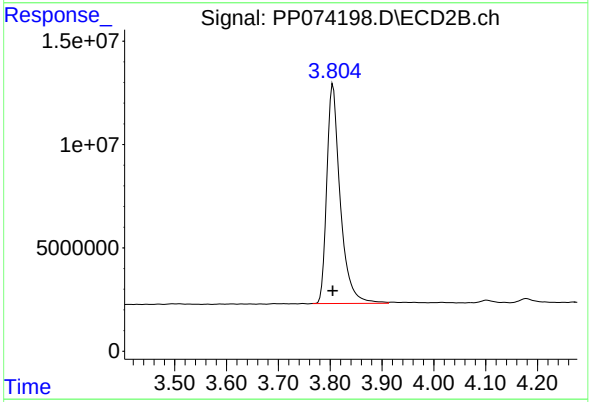
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 53554793
Conc: 47.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

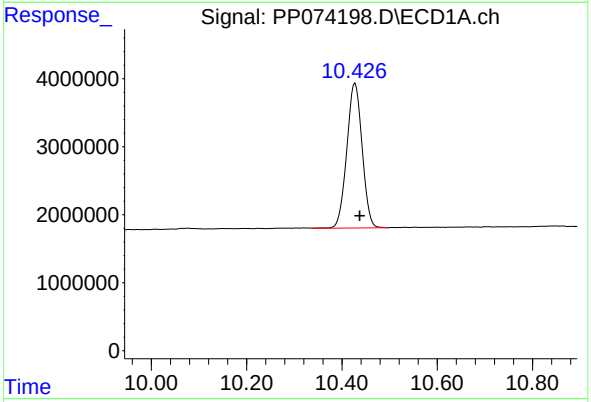
Manual Integrations APPROVED

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



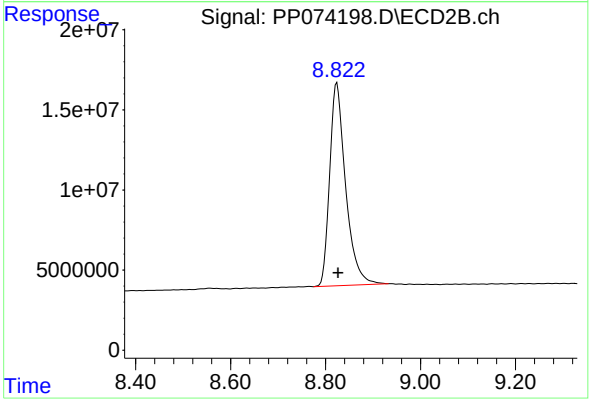
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 191135288
Conc: 49.85 ng/ml



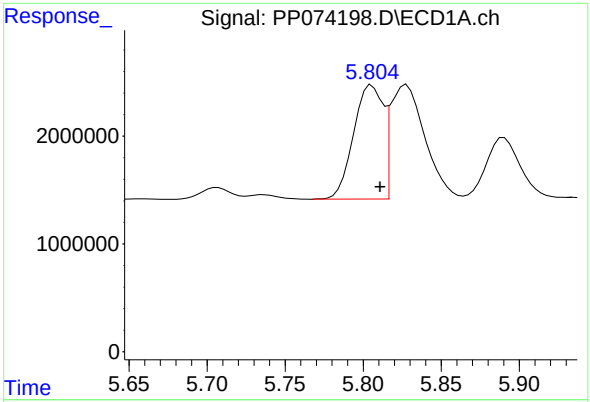
#2 Decachlorobiphenyl

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



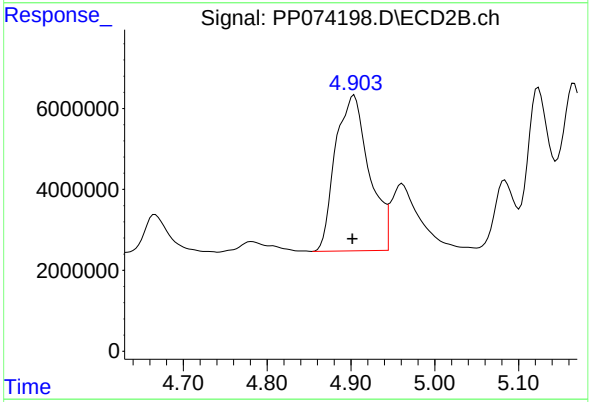
#21 AR-1248-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 13951339
Conc: 498.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

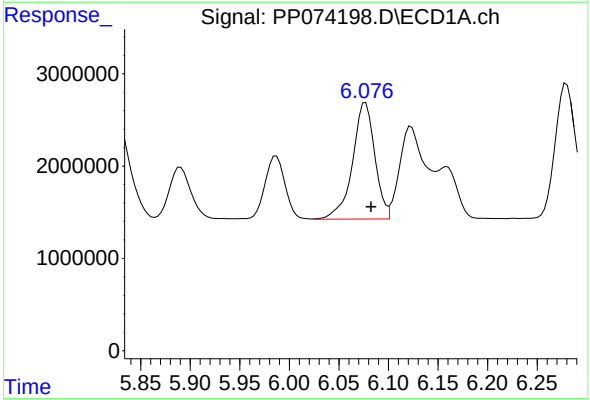
Manual Integrations APPROVED

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



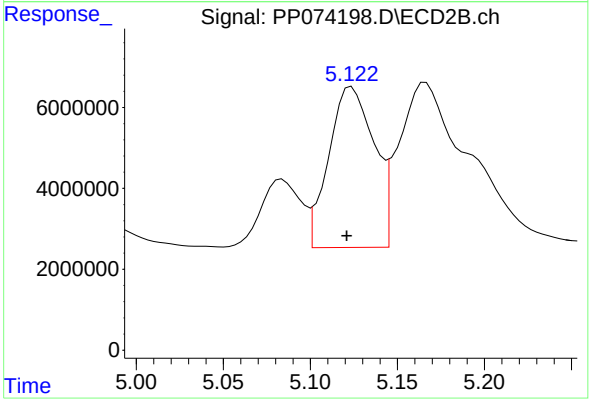
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 107627908
Conc: 503.09 ng/ml



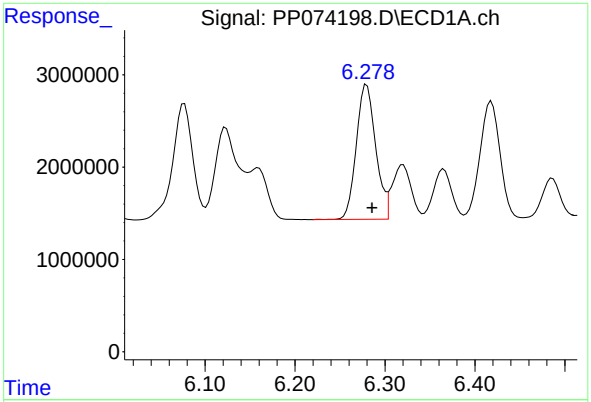
#22 AR-1248-2

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



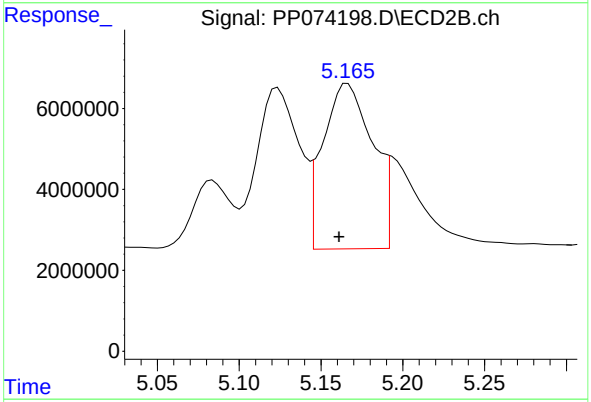
#23 AR-1248-3

R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 21866877
Conc: 490.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

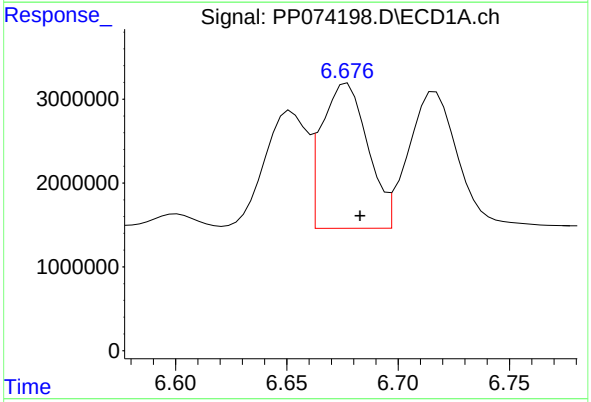
Manual Integrations APPROVED

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



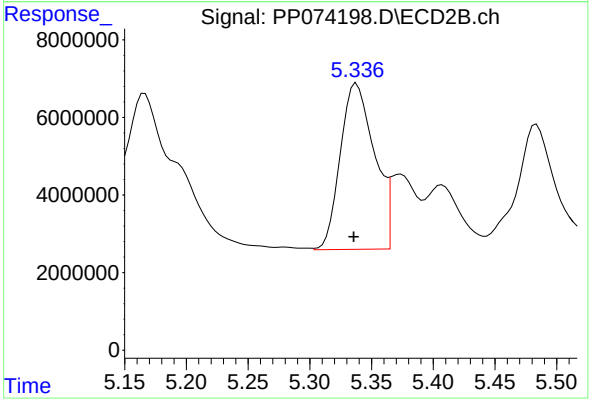
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 85869463
Conc: 500.81 ng/ml m



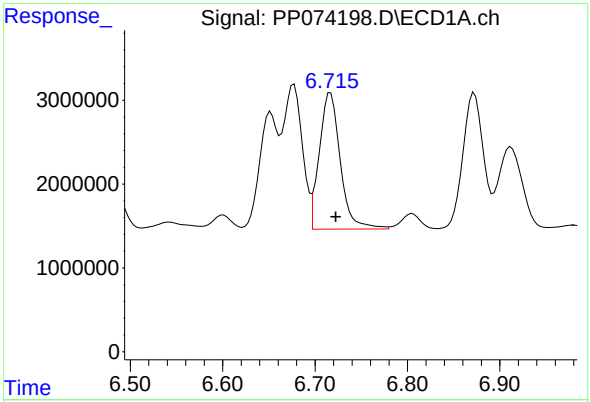
#24 AR-1248-4

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



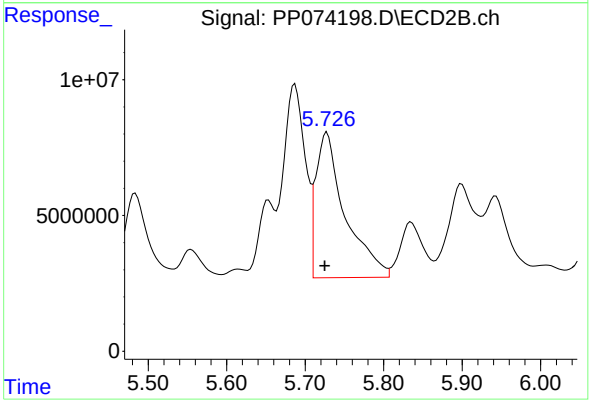
#25 AR-1248-5

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 08/08/2025



#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 08/08/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.803	53831323	191.6E6	48.137	49.971
2)	SA Decachlor...	10.430	8.820	47450930	299.2E6	48.860	49.761
	Target Compounds						
26)	L6 AR-1254-1	6.654	5.686	27290919	178.5E6	518.434m	487.493
27)	L6 AR-1254-2	6.871	5.833	37599140	134.8E6	472.918	484.650
28)	L6 AR-1254-3	7.233	6.235	40597005	245.2E6	464.942	501.115
29)	L6 AR-1254-4	7.514	6.462	30708926	181.0E6	481.260	492.525
30)	L6 AR-1254-5	7.930	6.878	38809795	188.2E6	478.279	488.601

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

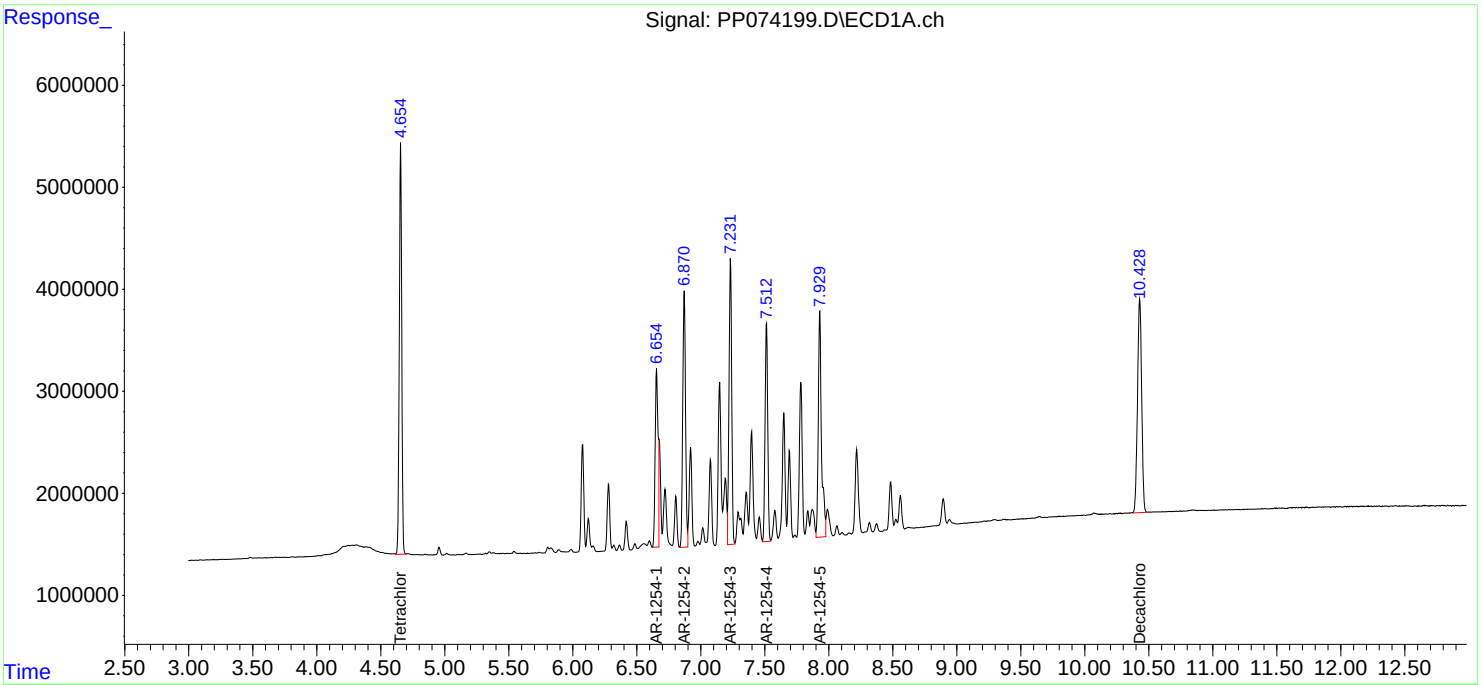
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

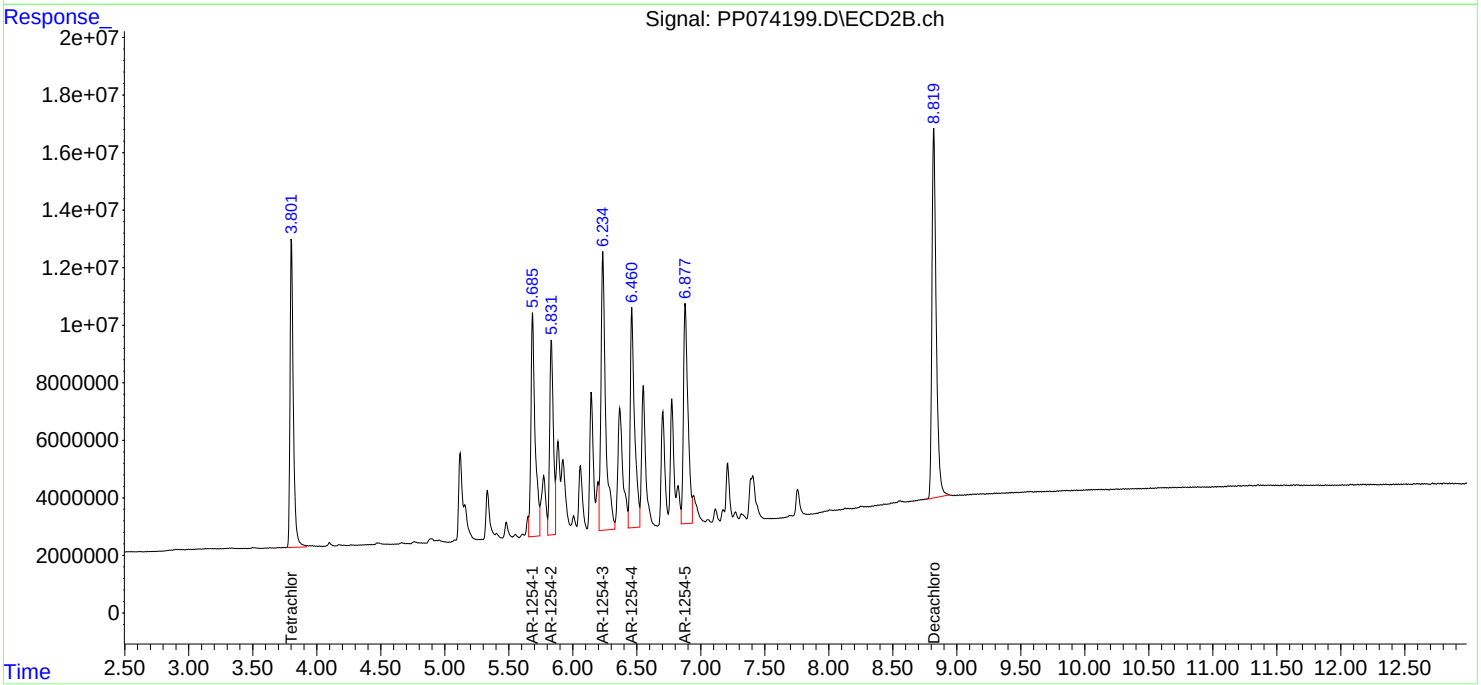
Manual Integrations APPROVED

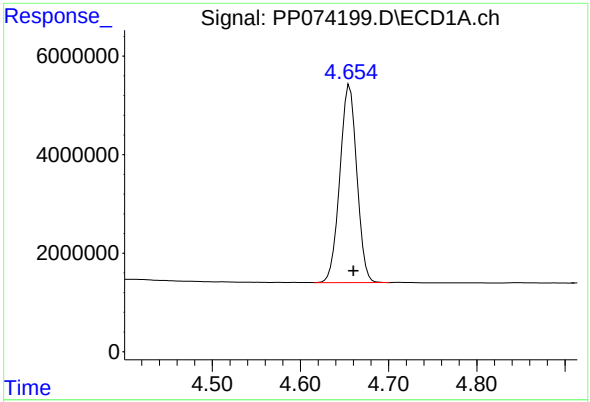
Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







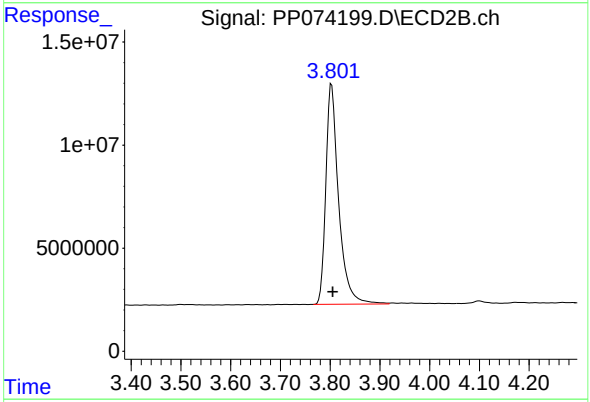
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

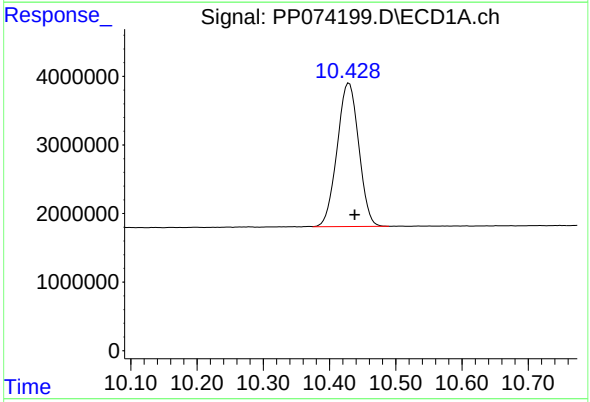
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



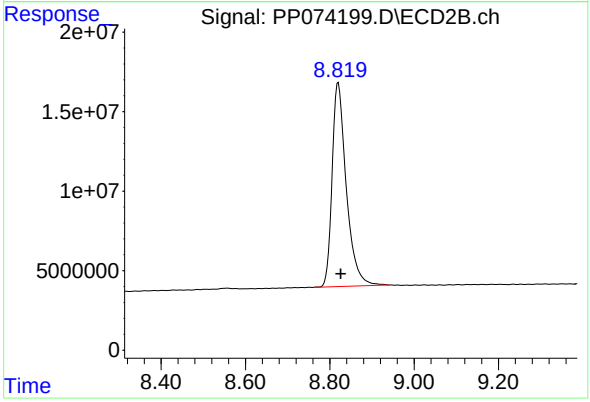
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 191609515
Conc: 49.97 ng/ml



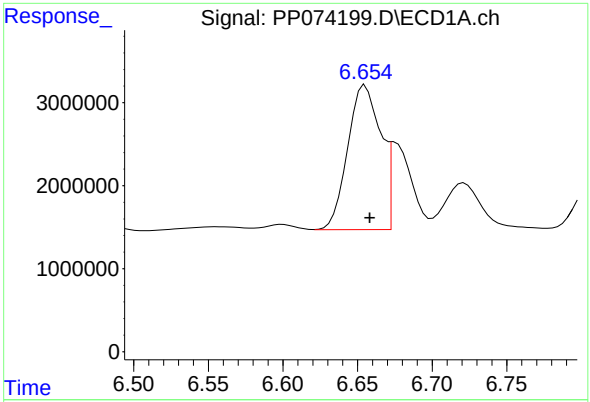
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



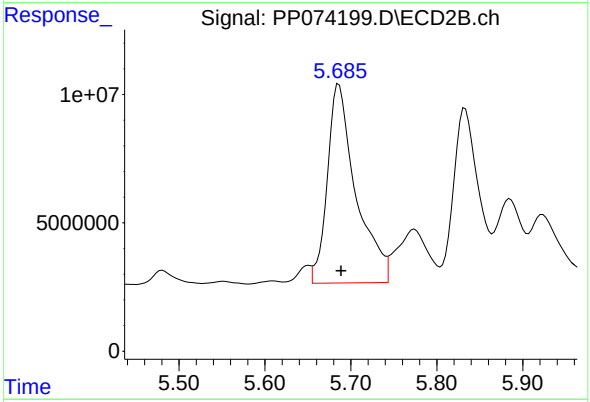
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 27290919
Conc: 518.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

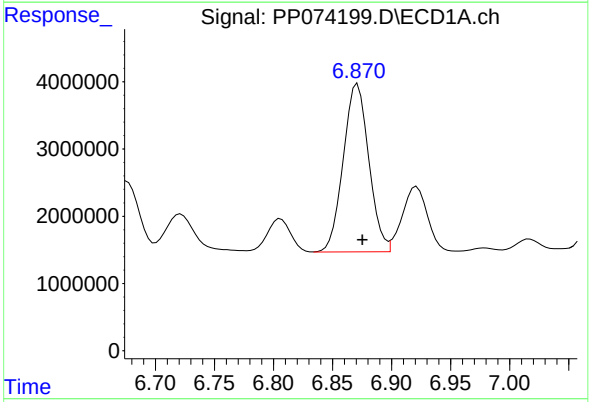
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



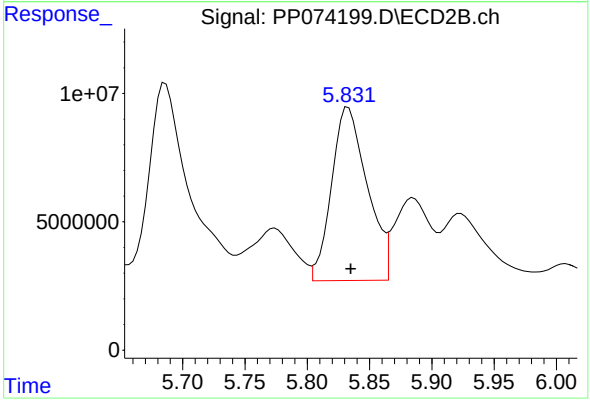
#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



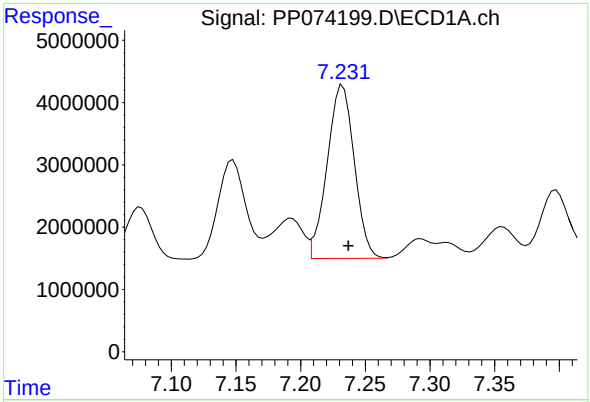
#27 AR-1254-2

R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml



#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



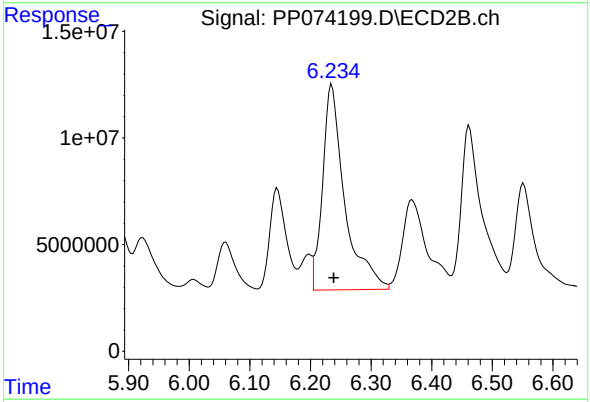
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

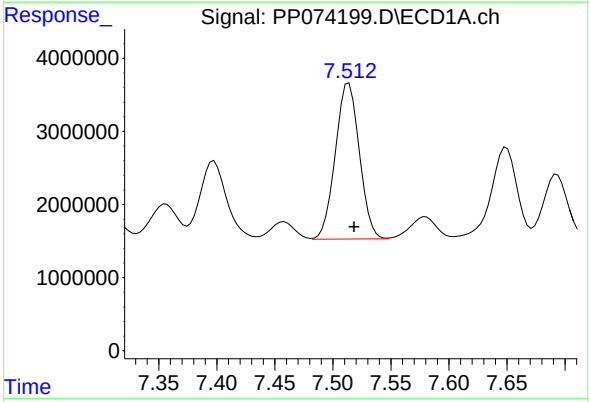
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



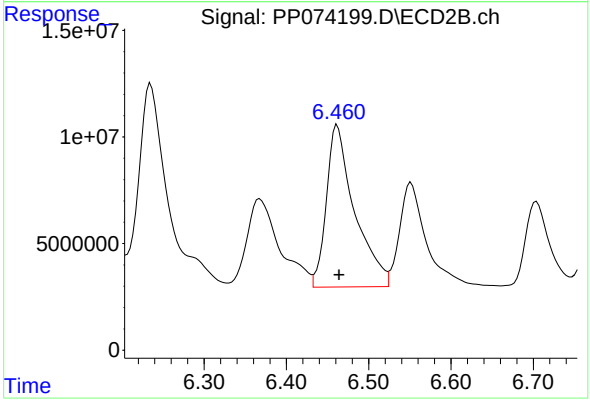
#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



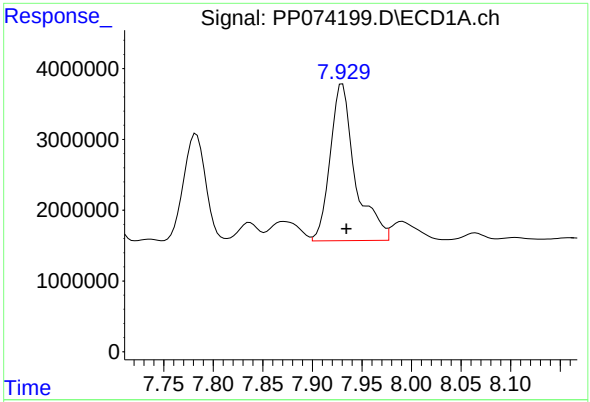
#29 AR-1254-4

R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



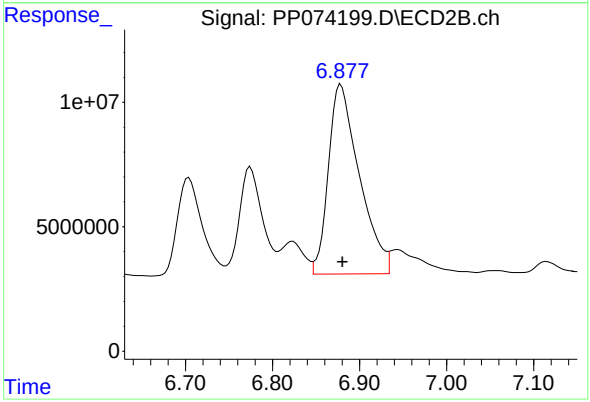
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 188193102
Conc: 488.60 ng/ml

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.

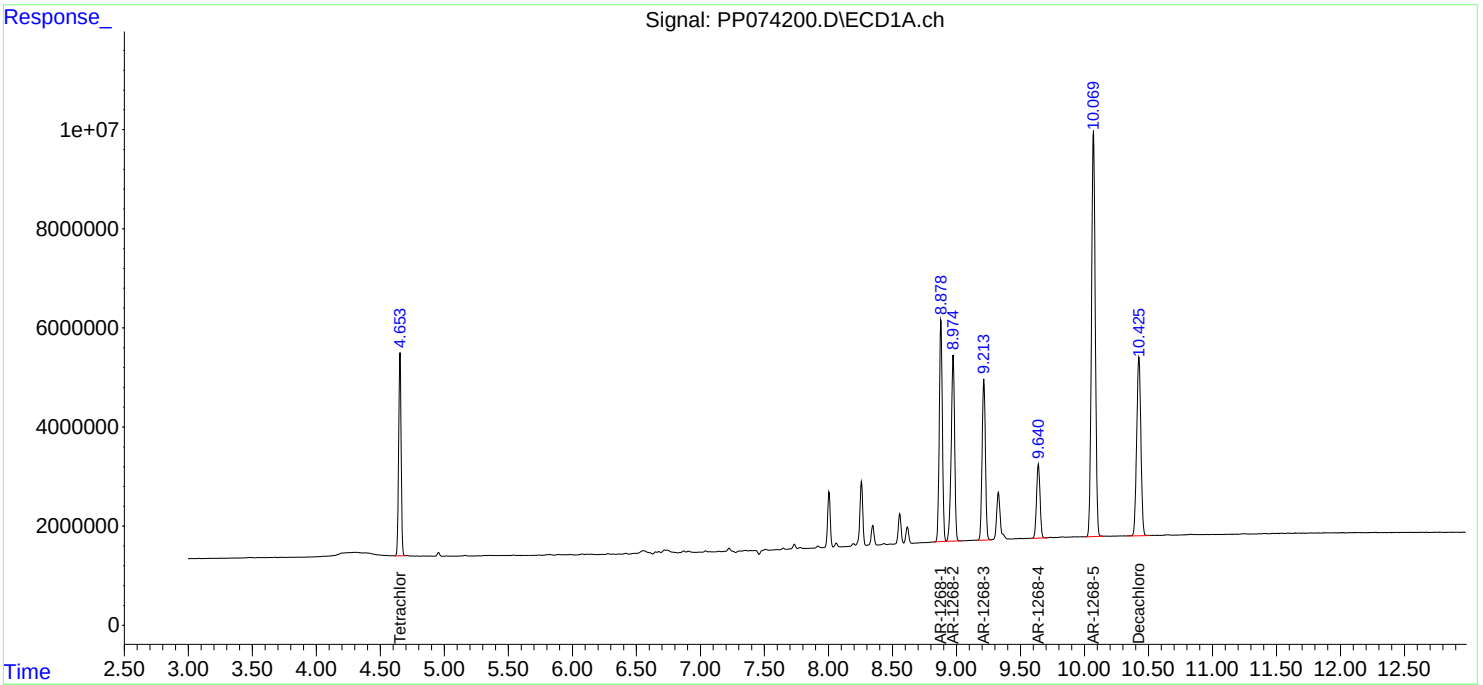
ICAL Form

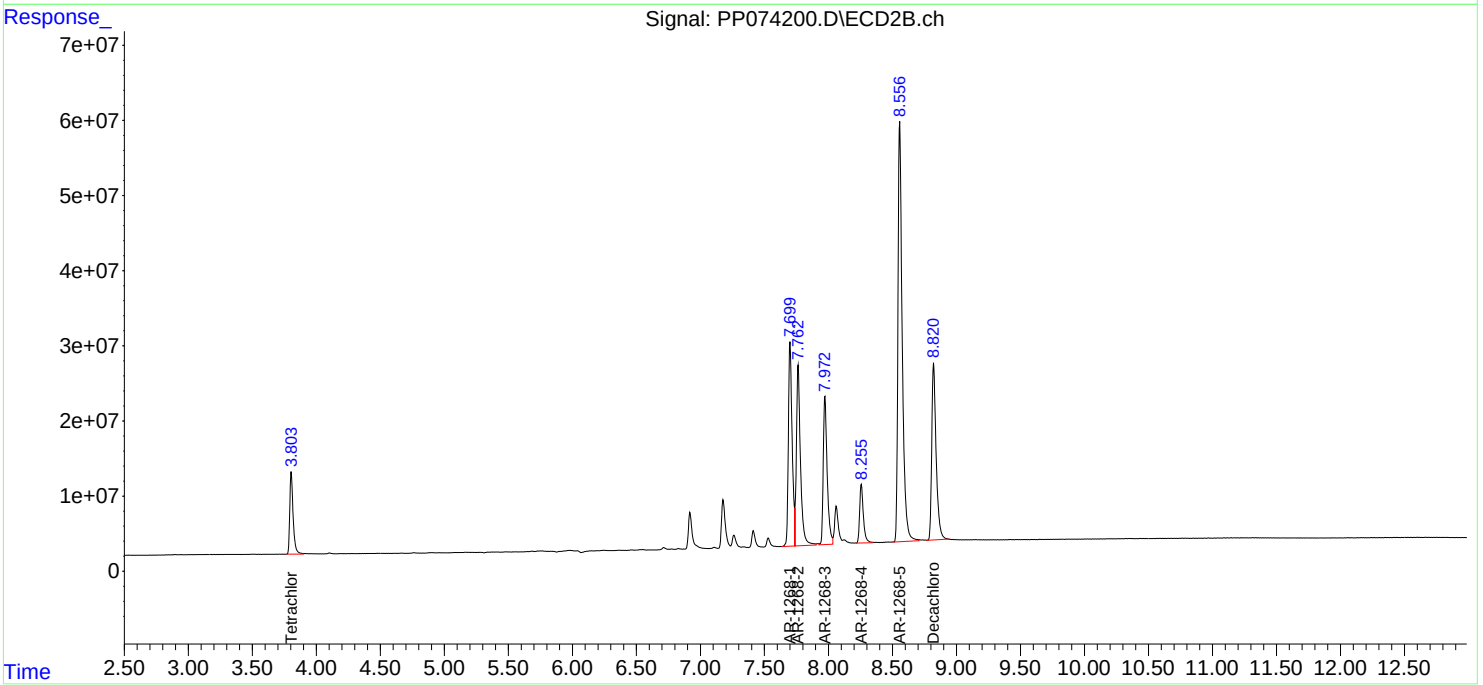
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:42
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

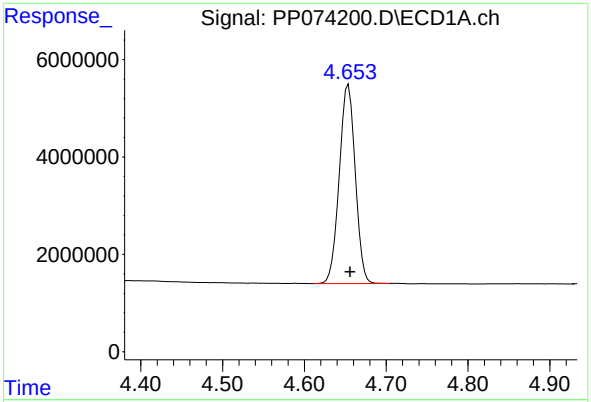
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268

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



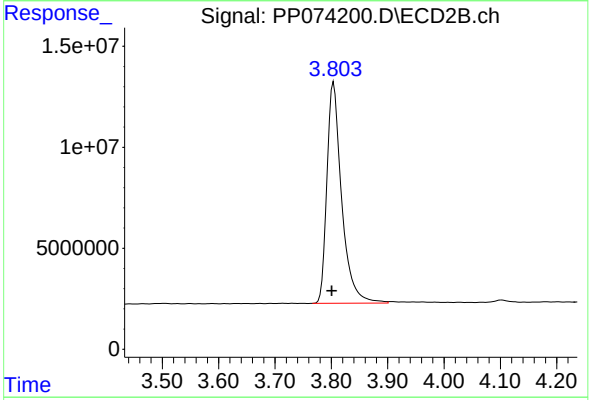




#1 Tetrachloro-m-xylene

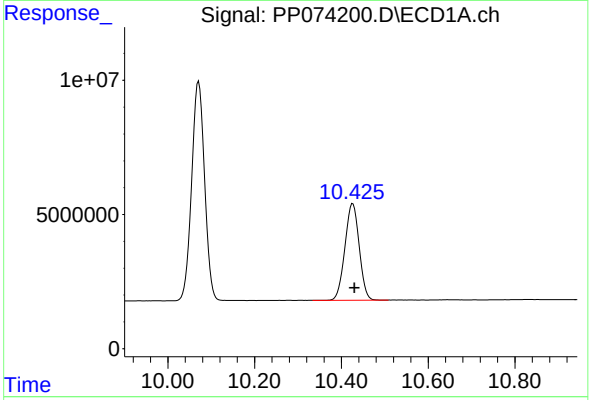
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 55201921
Conc: 48.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



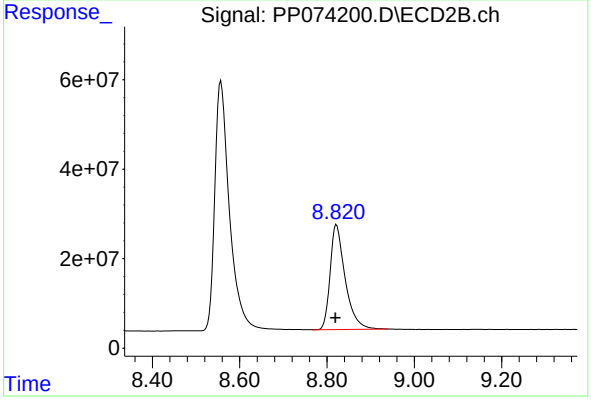
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.004 min
Response: 199002498
Conc: 50.98 ng/ml



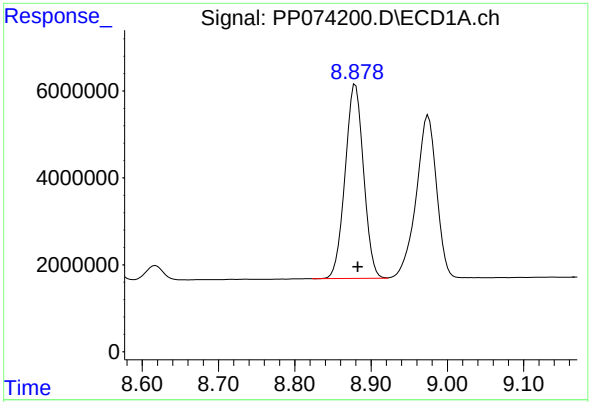
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.004 min
Response: 82544950
Conc: 48.61 ng/ml



#2 Decachlorobiphenyl

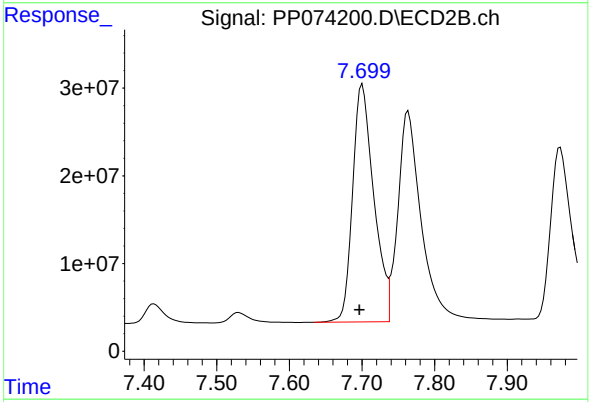
R.T.: 8.822 min
Delta R.T.: 0.002 min
Response: 560439717
Conc: 50.45 ng/ml



#41 AR-1268-1

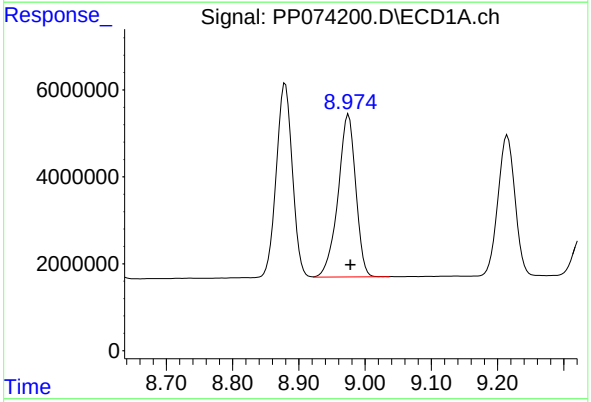
R.T.: 8.879 min
Delta R.T.: -0.003 min
Response: 75022320
Conc: 482.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



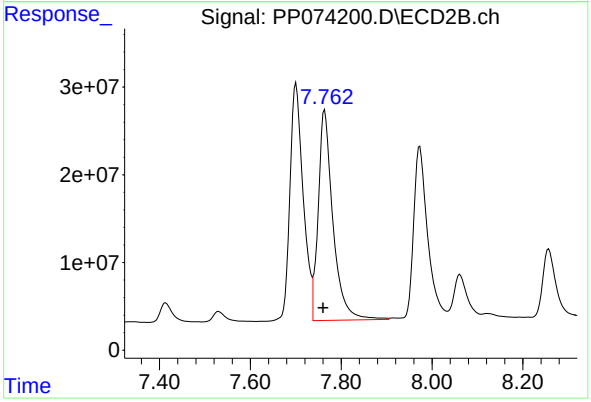
#41 AR-1268-1

R.T.: 7.701 min
Delta R.T.: 0.004 min
Response: 548972696
Conc: 503.52 ng/ml



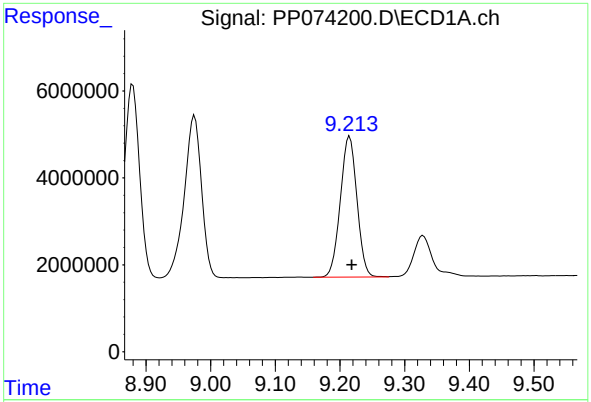
#42 AR-1268-2

R.T.: 8.975 min
Delta R.T.: -0.003 min
Response: 69343438
Conc: 483.48 ng/ml



#42 AR-1268-2

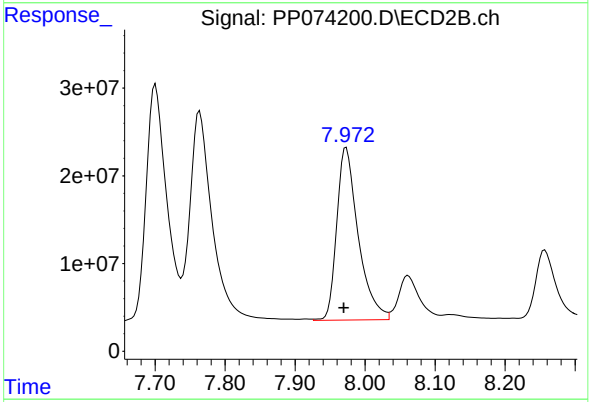
R.T.: 7.764 min
Delta R.T.: 0.004 min
Response: 540733077
Conc: 509.49 ng/ml



#43 AR-1268-3

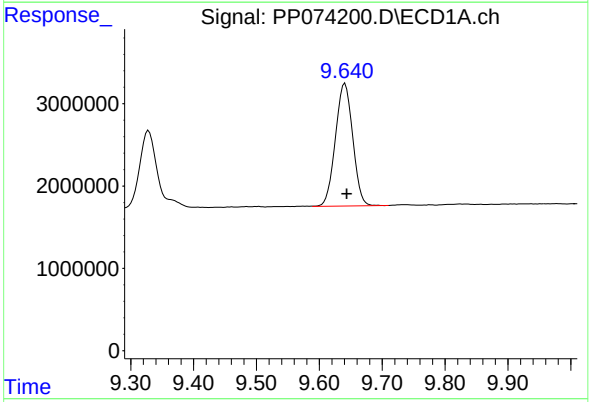
R.T.: 9.215 min
Delta R.T.: -0.003 min
Response: 57914901
Conc: 484.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1268



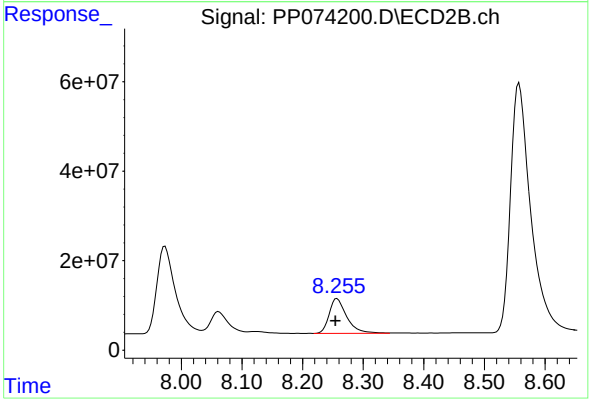
#43 AR-1268-3

R.T.: 7.973 min
Delta R.T.: 0.003 min
Response: 419972704
Conc: 504.81 ng/ml



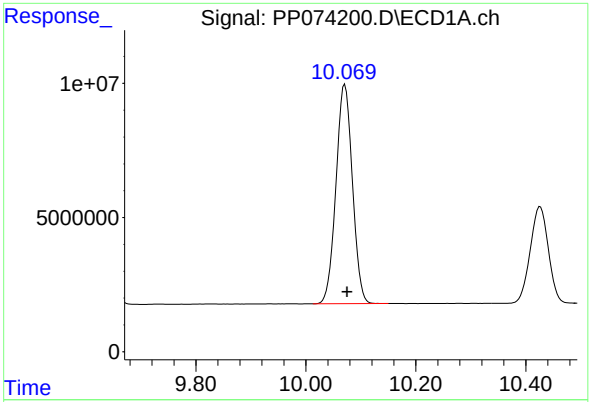
#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: -0.003 min
Response: 28601597
Conc: 486.32 ng/ml



#44 AR-1268-4

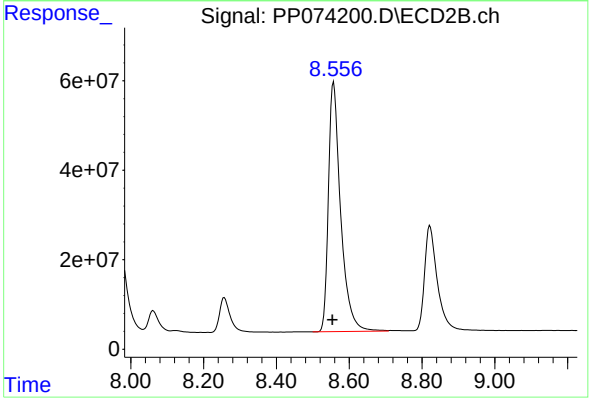
R.T.: 8.257 min
Delta R.T.: 0.003 min
Response: 156009466
Conc: 506.43 ng/ml



#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: **PO112850.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:54 **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)	6.79	6.80	6.70	6.90	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.01
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

Raw Data: **PO112850.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:54 **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)	4.92	4.93	4.83	5.03	0.01
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)	6.39	6.40	6.30	6.50	0.01
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112850.D **Time Analyzed:** 08:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.750	4.655	4.855	651.000	500.000	30.2
Aroclor-1016-2	4.769	4.674	4.874	549.480	500.000	9.9
Aroclor-1016-3	4.826	4.731	4.931	565.780	500.000	13.2
Aroclor-1016-4	4.945	4.851	5.051	571.540	500.000	14.3
Aroclor-1016-5	5.202	5.108	5.308	574.860	500.000	15.0
Aroclor-1260-1	6.238	6.145	6.345	579.220	500.000	15.8
Aroclor-1260-2	6.428	6.333	6.533	547.500	500.000	9.5
Aroclor-1260-3	6.794	6.700	6.900	528.750	500.000	5.8
Aroclor-1260-4	7.053	6.959	7.159	498.850	500.000	-0.2
Aroclor-1260-5	7.296	7.203	7.403	553.130	500.000	10.6
Decachlorobiphenyl	8.686	8.593	8.793	46.550	50.000	-6.9
Tetrachloro-m-xylene	3.665	3.569	3.769	60.080	50.000	20.2

Raw Data: **PO112850.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112850.D **Time Analyzed:** 08:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.731	4.638	4.838	532.580	500.000	6.5
Aroclor-1016-2	4.749	4.656	4.856	524.330	500.000	4.9
Aroclor-1016-3	4.924	4.831	5.031	531.470	500.000	6.3
Aroclor-1016-4	4.966	4.873	5.073	529.880	500.000	6.0
Aroclor-1016-5	5.179	5.085	5.285	523.970	500.000	4.8
Aroclor-1260-1	6.206	6.113	6.313	535.240	500.000	7.0
Aroclor-1260-2	6.394	6.302	6.502	538.810	500.000	7.8
Aroclor-1260-3	6.545	6.453	6.653	559.410	500.000	11.9
Aroclor-1260-4	7.015	6.923	7.123	530.130	500.000	6.0
Aroclor-1260-5	7.257	7.164	7.364	549.900	500.000	10.0
Decachlorobiphenyl	8.631	8.540	8.740	52.550	50.000	5.1
Tetrachloro-m-xylene	3.658	3.562	3.762	56.390	50.000	12.8

Sample Results: **PO112850.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 08:54
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 11:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.665	3.658	488.6E6	280.2E6	60.081	56.386
2)	SA Decachlor...	8.686	8.631	340.4E6	92854815	46.549	52.546
	Target Compounds						
3)	L1 AR-1016-1	4.750	4.731	174.7E6	93205664	650.999m	532.582
4)	L1 AR-1016-2	4.769	4.749	223.2E6	136.6E6	549.476m	524.330
5)	L1 AR-1016-3	4.826	4.924	148.1E6	72262042	565.785	531.470m
6)	L1 AR-1016-4	4.945	4.966	121.1E6	58861848	571.539	529.882m
7)	L1 AR-1016-5	5.202	5.179	126.2E6	75085975	574.857	523.966
31)	L7 AR-1260-1	6.238	6.206	254.5E6	133.0E6	579.224	535.236
32)	L7 AR-1260-2	6.428	6.394	376.6E6	177.5E6	547.504	538.814
33)	L7 AR-1260-3	6.794	6.545	310.9E6	143.7E6	528.746	559.414m
34)	L7 AR-1260-4	7.053	7.015	225.0E6	101.4E6	498.852	530.125
35)	L7 AR-1260-5	7.296	7.257	685.4E6	226.7E6	553.135	549.898

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 08:54
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

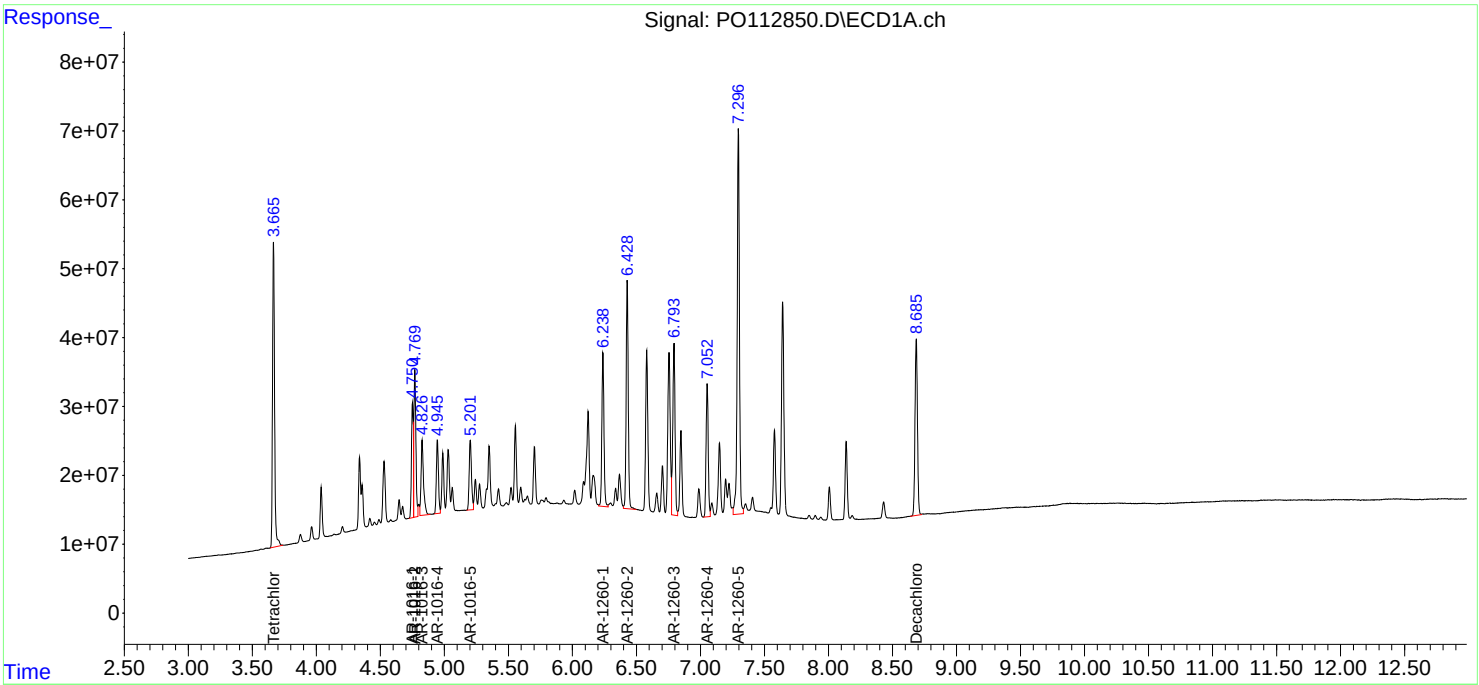
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

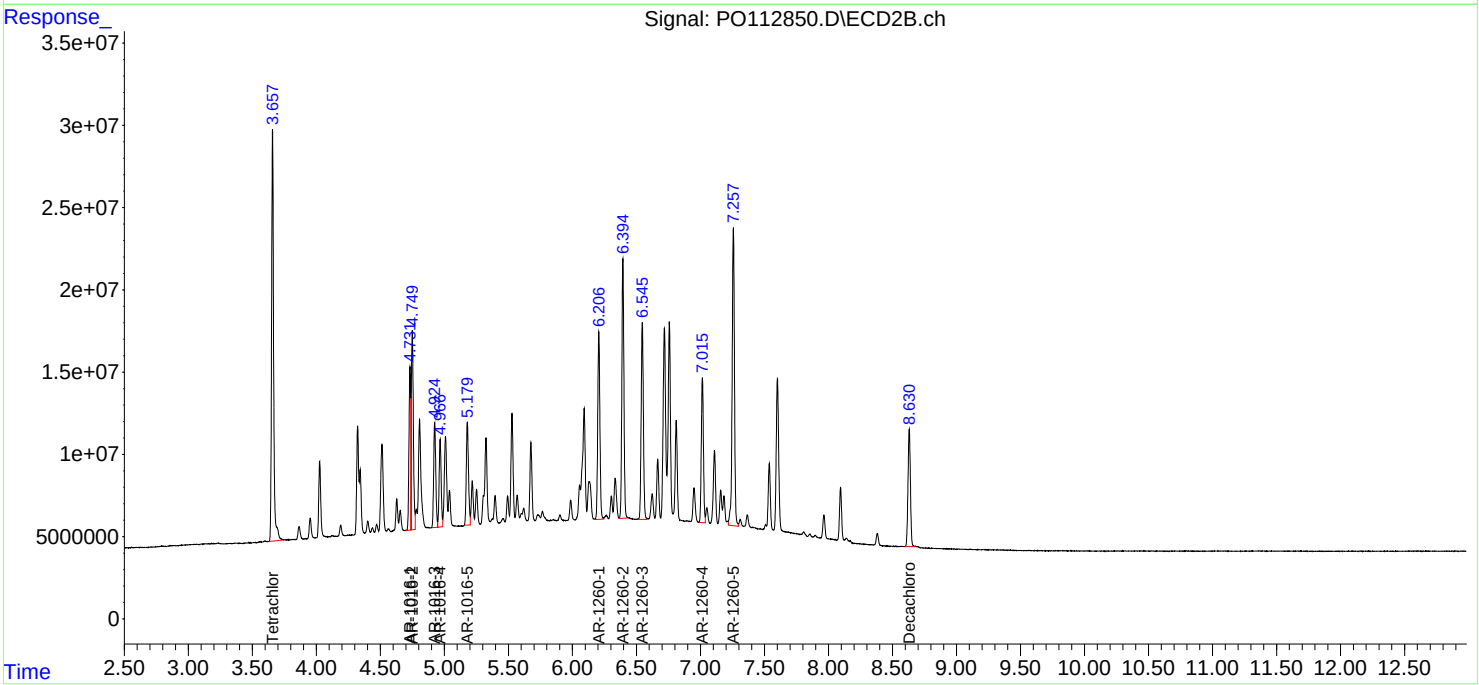
Manual Integrations APPROVED

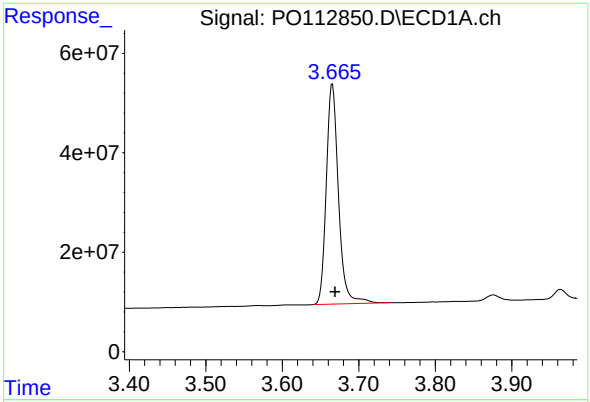
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 11:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







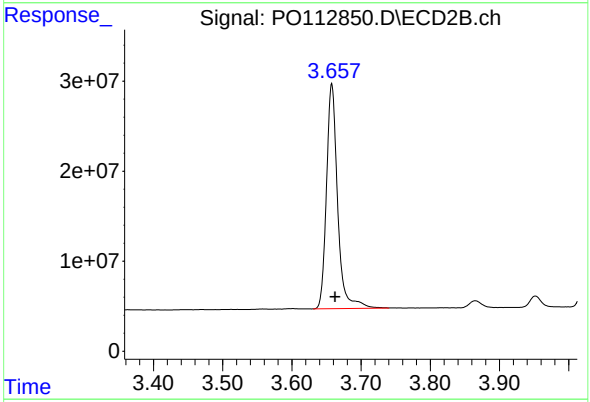
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.004 min
Response: 488550662
Conc: 60.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

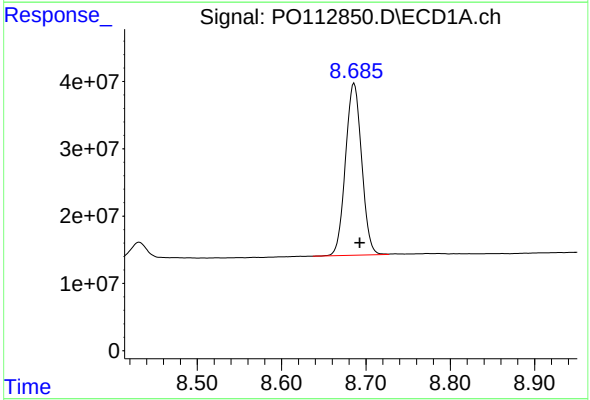
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



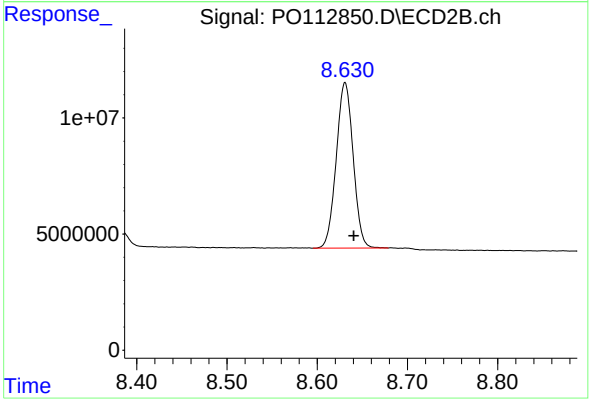
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.005 min
Response: 280189739
Conc: 56.39 ng/ml



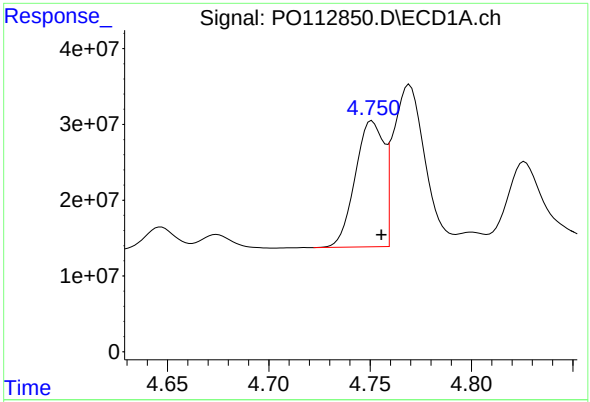
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 340356409
Conc: 46.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 92854815
Conc: 52.55 ng/ml



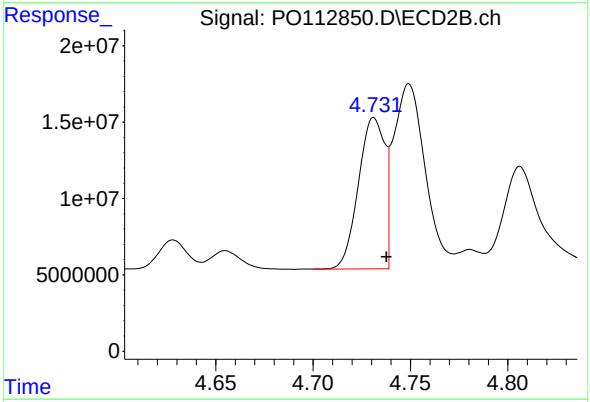
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 174705980
Conc: 651.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

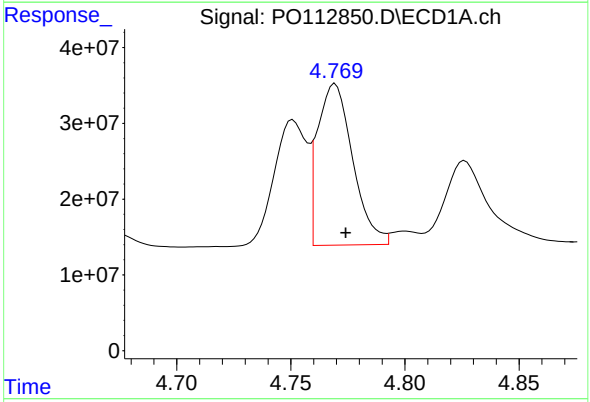
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



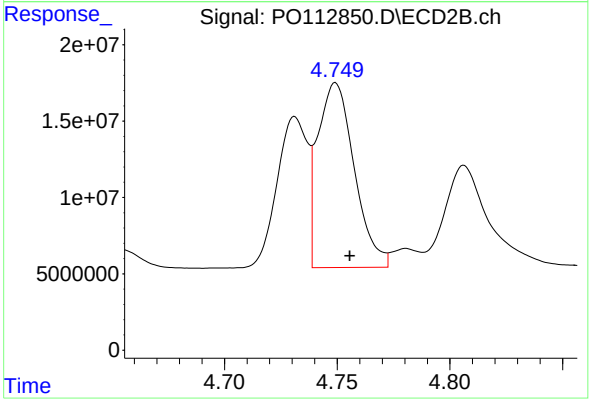
#3 AR-1016-1

R.T.: 4.731 min
Delta R.T.: -0.006 min
Response: 93205664
Conc: 532.58 ng/ml



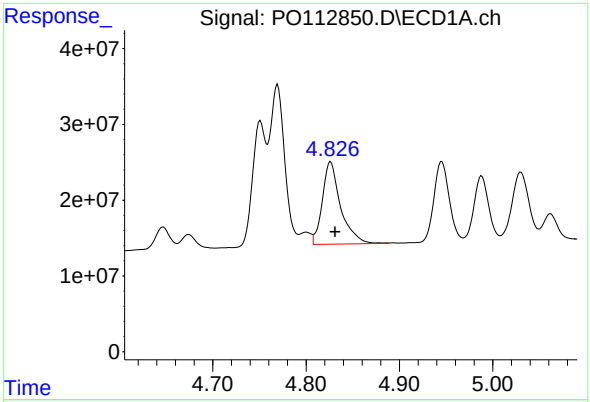
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 223151755
Conc: 549.48 ng/ml m



#4 AR-1016-2

R.T.: 4.749 min
Delta R.T.: -0.006 min
Response: 136585485
Conc: 524.33 ng/ml



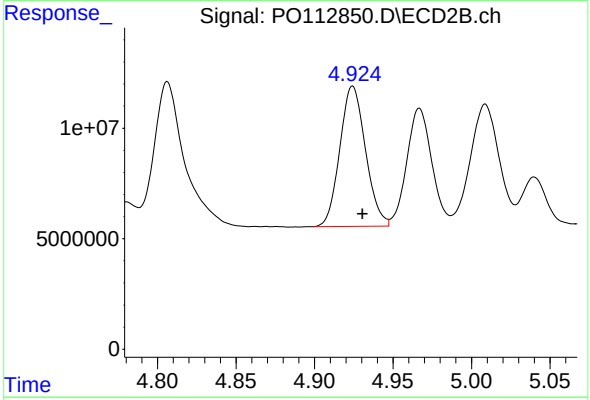
#5 AR-1016-3

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 148051145
Conc: 565.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

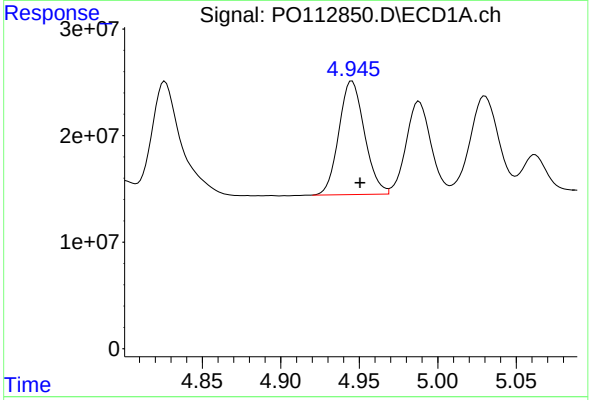
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



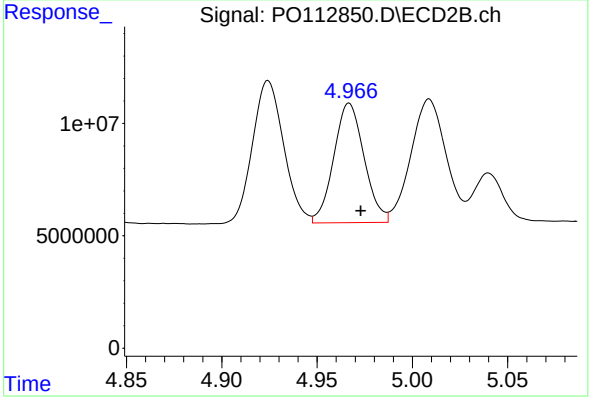
#5 AR-1016-3

R.T.: 4.924 min
Delta R.T.: -0.007 min
Response: 72262042
Conc: 531.47 ng/ml m



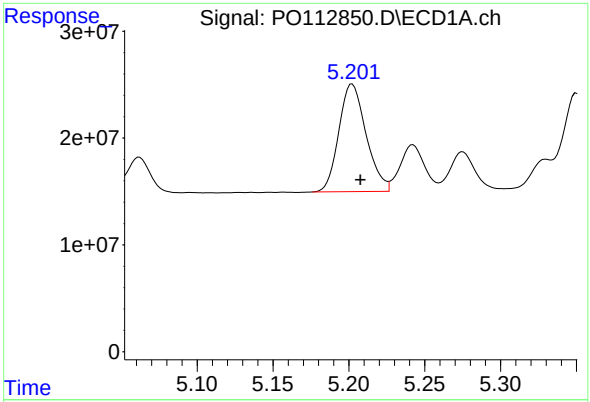
#6 AR-1016-4

R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 121075575
Conc: 571.54 ng/ml



#6 AR-1016-4

R.T.: 4.966 min
Delta R.T.: -0.006 min
Response: 58861848
Conc: 529.88 ng/ml m



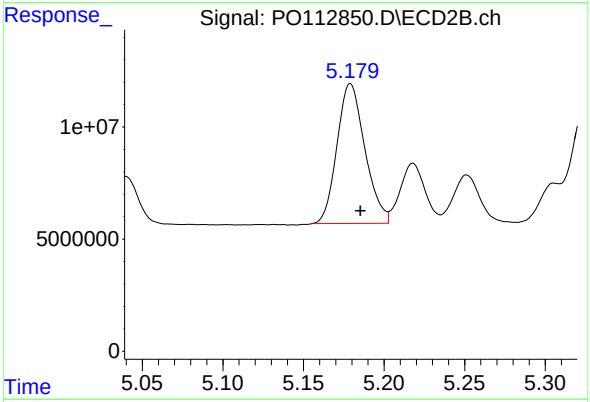
#7 AR-1016-5

R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 126164306
Conc: 574.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

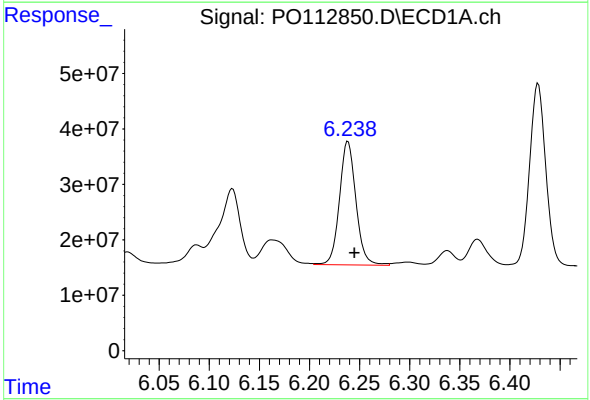
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



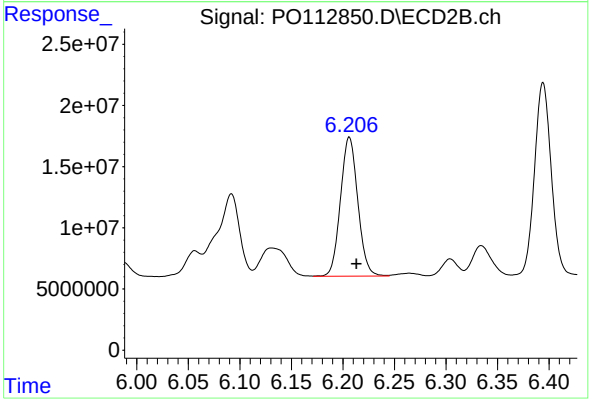
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 75085975
Conc: 523.97 ng/ml



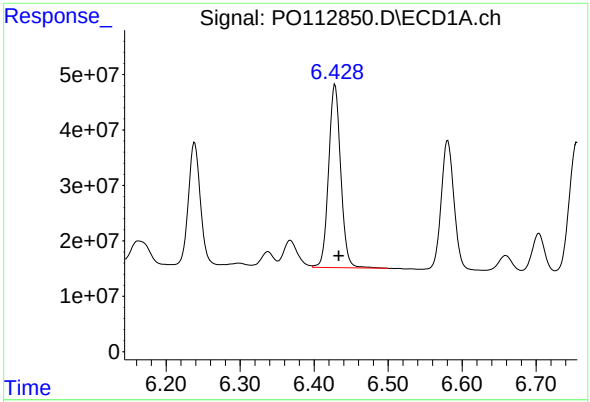
#31 AR-1260-1

R.T.: 6.238 min
Delta R.T.: -0.006 min
Response: 254471304
Conc: 579.22 ng/ml



#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: -0.007 min
Response: 133012078
Conc: 535.24 ng/ml



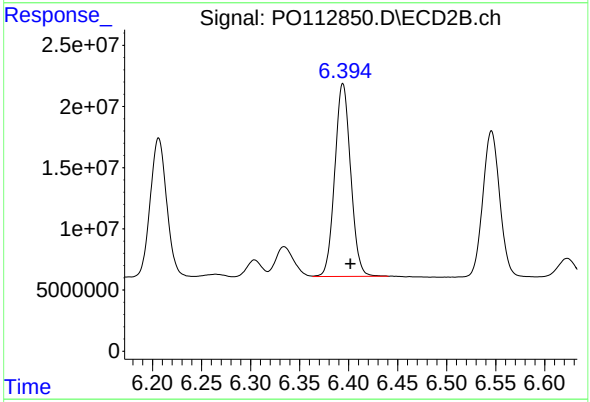
#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 376624885
Conc: 547.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

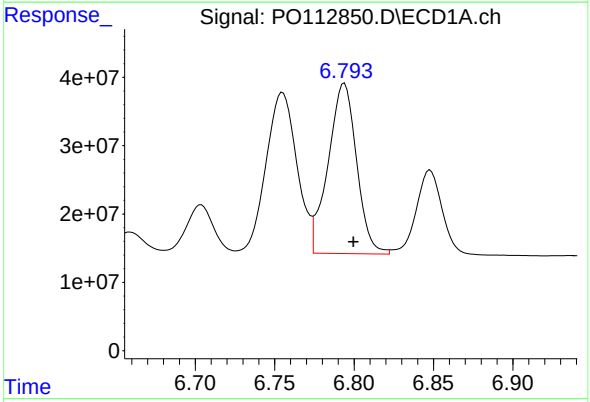
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



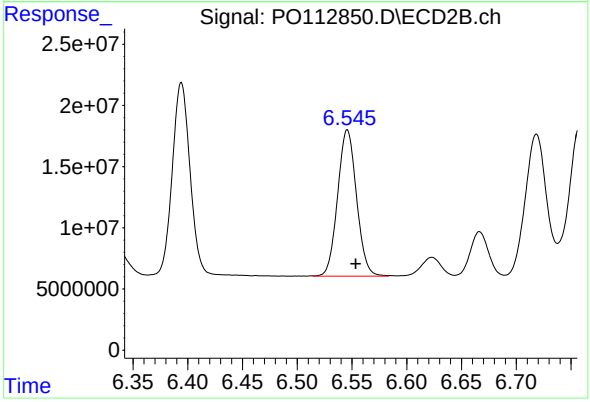
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.008 min
Response: 177535660
Conc: 538.81 ng/ml



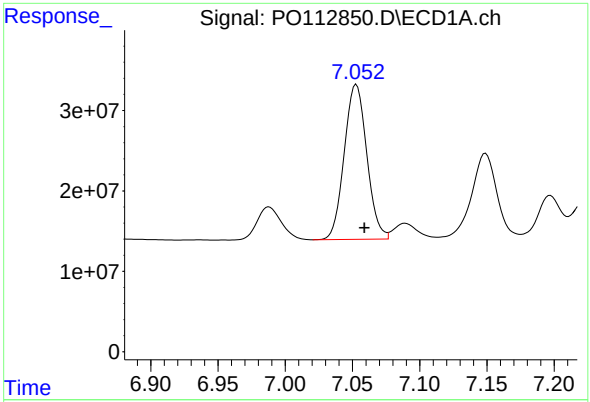
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.006 min
Response: 310912948
Conc: 528.75 ng/ml



#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.008 min
Response: 143725245
Conc: 559.41 ng/ml m



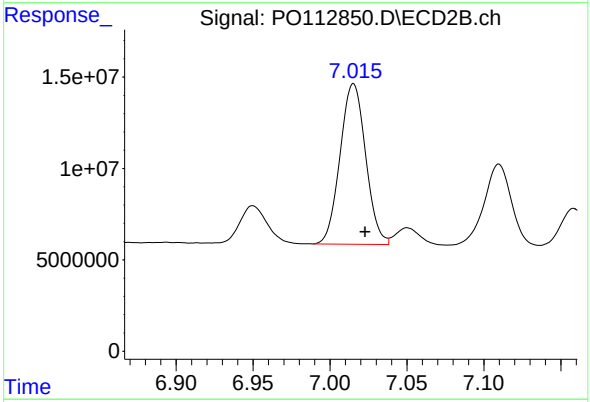
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 224984392
Conc: 498.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

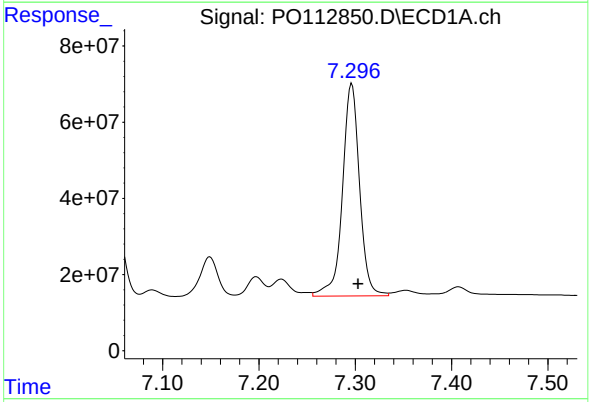
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



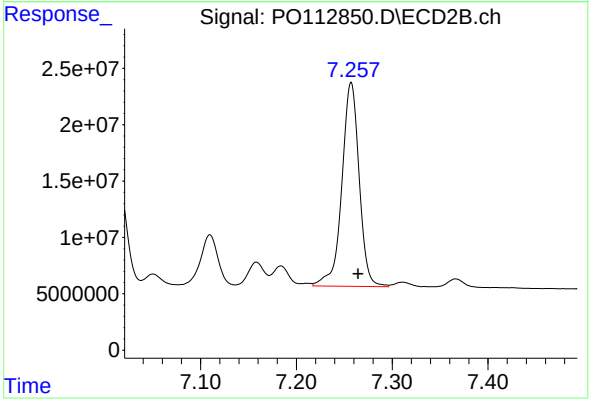
#34 AR-1260-4

R.T.: 7.015 min
Delta R.T.: -0.007 min
Response: 101418669
Conc: 530.13 ng/ml



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.006 min
Response: 685410891
Conc: 553.13 ng/ml



#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 226664288
Conc: 549.90 ng/ml

Raw Data: **PO112865.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:50 **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: **PO112865.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.751	4.655	4.855	524.640	500.000	4.9
Aroclor-1016-2	4.769	4.674	4.874	553.430	500.000	10.7
Aroclor-1016-3	4.827	4.731	4.931	551.220	500.000	10.2
Aroclor-1016-4	4.947	4.851	5.051	550.720	500.000	10.1
Aroclor-1016-5	5.203	5.108	5.308	584.150	500.000	16.8
Aroclor-1260-1	6.240	6.145	6.345	550.350	500.000	10.1
Aroclor-1260-2	6.430	6.333	6.533	543.410	500.000	8.7
Aroclor-1260-3	6.795	6.700	6.900	570.950	500.000	14.2
Aroclor-1260-4	7.055	6.959	7.159	542.260	500.000	8.5
Aroclor-1260-5	7.297	7.203	7.403	529.970	500.000	6.0
Decachlorobiphenyl	8.687	8.593	8.793	48.970	50.000	-2.1
Tetrachloro-m-xylene	3.667	3.569	3.769	57.760	50.000	15.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.638	4.838	522.080	500.000	4.4
Aroclor-1016-2	4.751	4.656	4.856	517.090	500.000	3.4
Aroclor-1016-3	4.926	4.831	5.031	516.260	500.000	3.3
Aroclor-1016-4	4.969	4.873	5.073	515.840	500.000	3.2
Aroclor-1016-5	5.181	5.085	5.285	527.110	500.000	5.4
Aroclor-1260-1	6.208	6.113	6.313	523.960	500.000	4.8
Aroclor-1260-2	6.396	6.302	6.502	531.850	500.000	6.4
Aroclor-1260-3	6.547	6.453	6.653	550.200	500.000	10.0
Aroclor-1260-4	7.017	6.923	7.123	543.780	500.000	8.8
Aroclor-1260-5	7.260	7.164	7.364	560.820	500.000	12.2
Decachlorobiphenyl	8.633	8.540	8.740	53.180	50.000	6.4
Tetrachloro-m-xylene	3.659	3.562	3.762	55.270	50.000	10.5

Sample Results: **PO112865.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:39:22 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	469.7E6	274.6E6	57.765	55.269
2)	SA Decachlor...	8.687	8.633	358.1E6	93971024	48.973	53.178
	Target Compounds						
3)	L1 AR-1016-1	4.751	4.734	140.8E6	91367071	524.643m	522.077
4)	L1 AR-1016-2	4.769	4.751	224.8E6	134.7E6	553.429m	517.092
5)	L1 AR-1016-3	4.827	4.926	144.2E6	70193896	551.218	516.259
6)	L1 AR-1016-4	4.947	4.969	116.7E6	57301939	550.721	515.840
7)	L1 AR-1016-5	5.203	5.181	128.2E6	75537038	584.153	527.114
31)	L7 AR-1260-1	6.240	6.208	241.8E6	130.2E6	550.345	523.958
32)	L7 AR-1260-2	6.430	6.396	373.8E6	175.2E6	543.411	531.849
33)	L7 AR-1260-3	6.795	6.547	335.7E6	141.4E6	570.949	550.198m
34)	L7 AR-1260-4	7.055	7.017	244.6E6	104.0E6	542.265	543.785
35)	L7 AR-1260-5	7.297	7.260	656.7E6	231.2E6	529.972	560.820

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PO112865.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

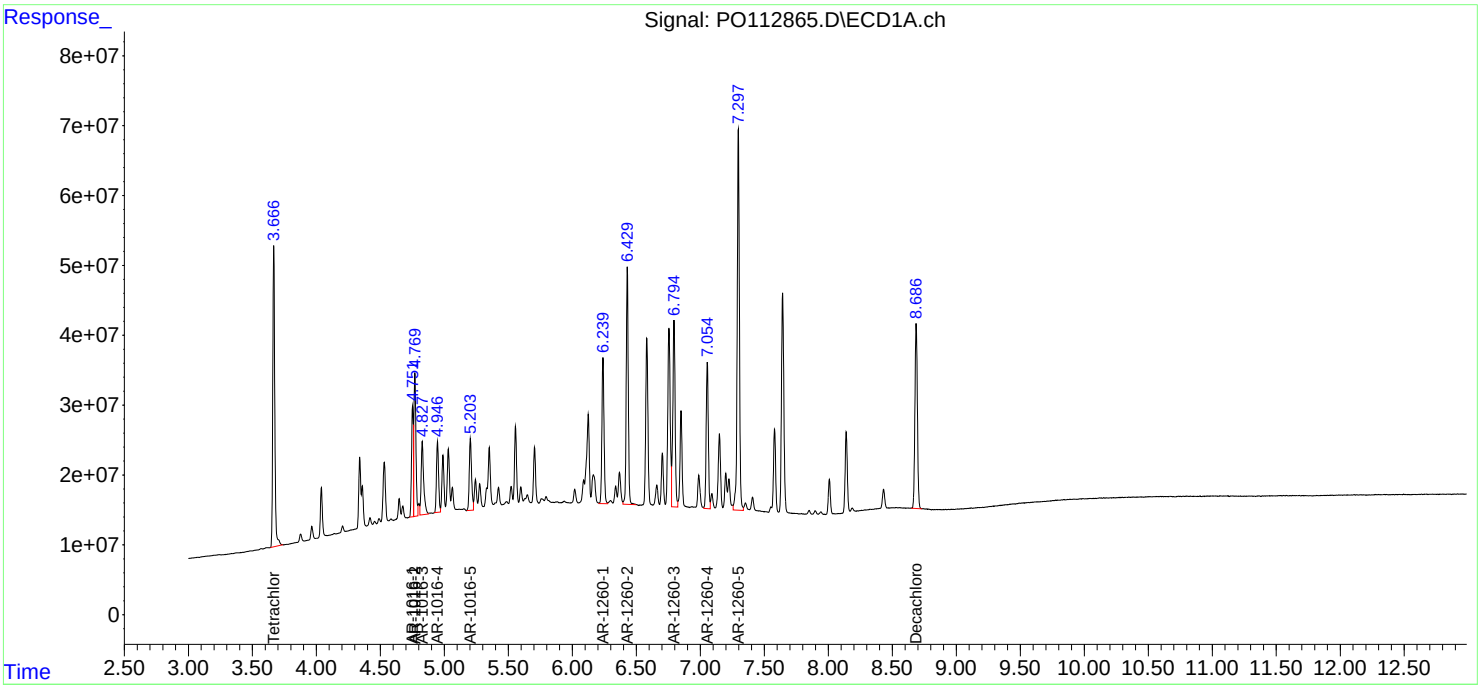
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

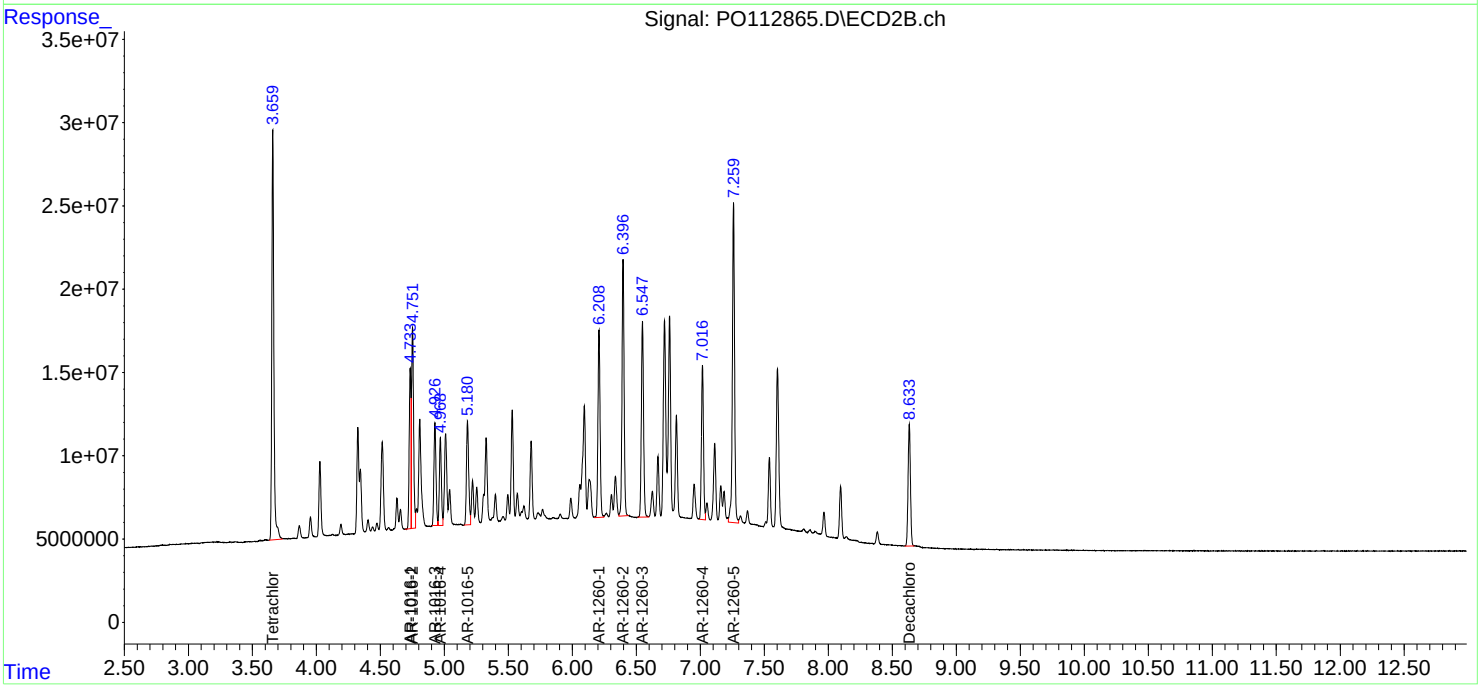
Manual Integrations APPROVED

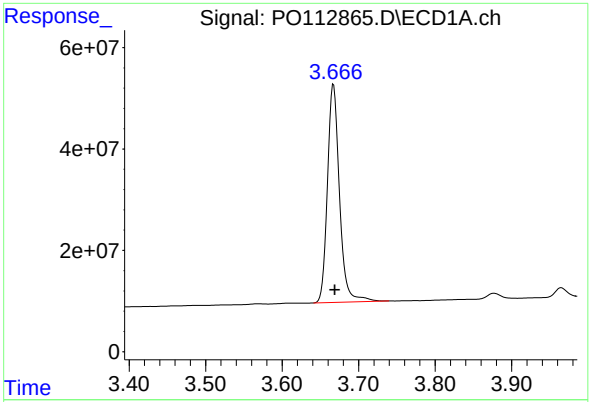
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:39:22 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







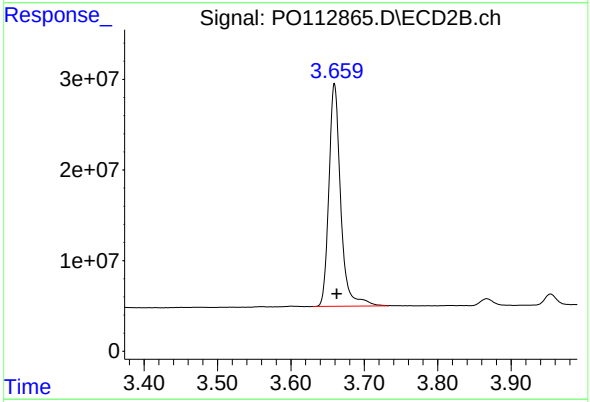
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 469719514
Conc: 57.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

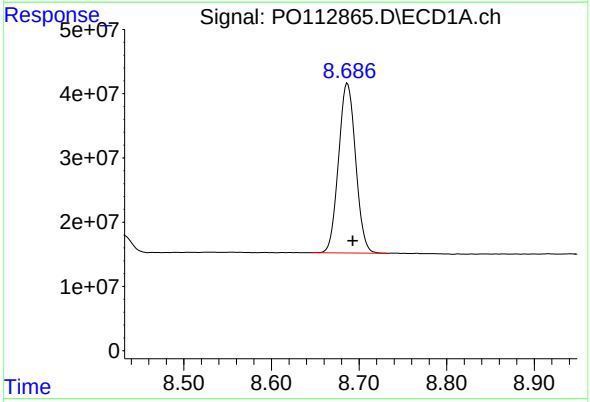
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



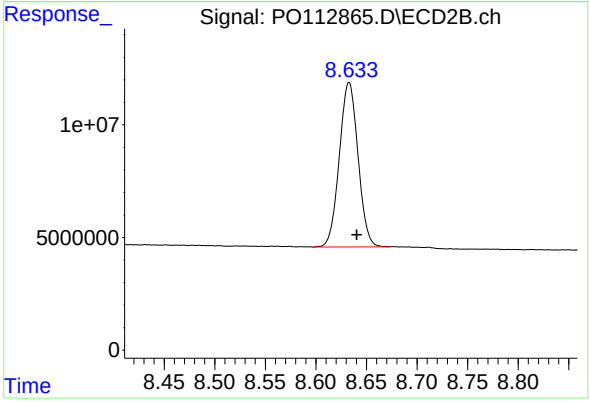
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 274642690
Conc: 55.27 ng/ml



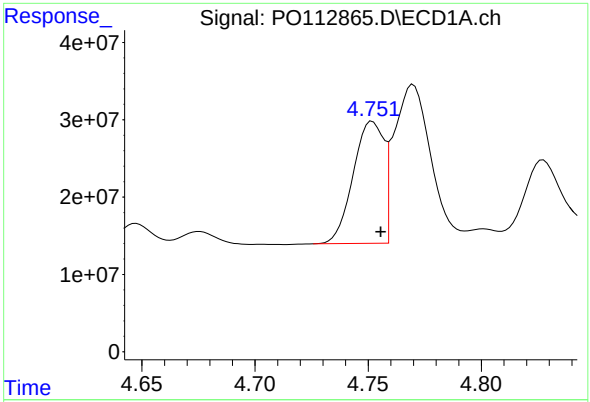
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 358077397
Conc: 48.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 93971024
Conc: 53.18 ng/ml



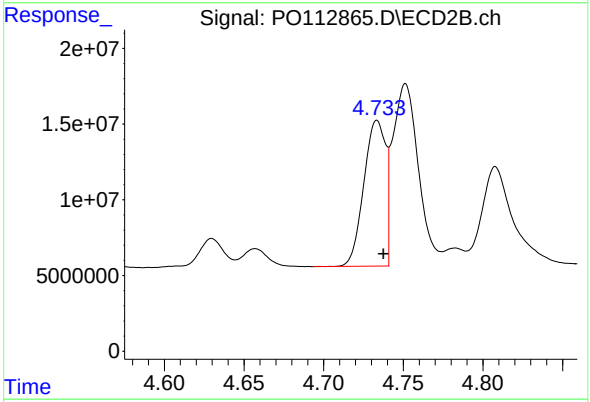
#3 AR-1016-1

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 140796148
Conc: 524.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

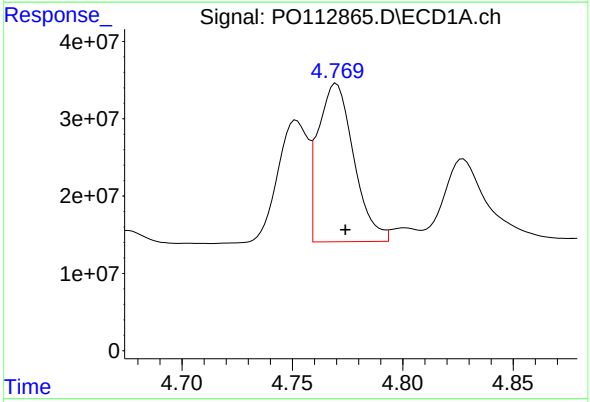
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



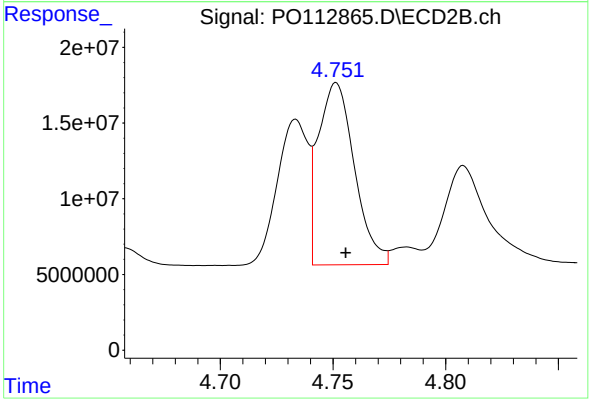
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 91367071
Conc: 522.08 ng/ml



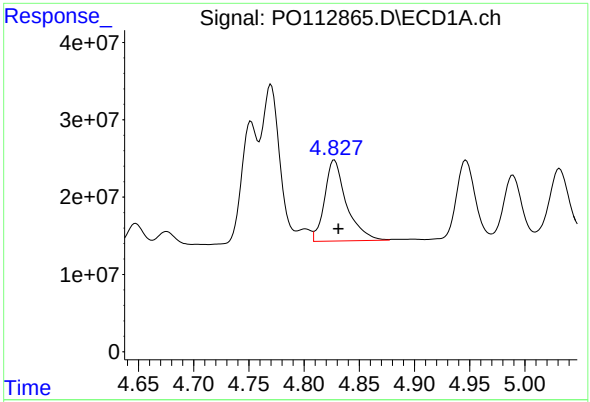
#4 AR-1016-2

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 224757096
Conc: 553.43 ng/ml m



#4 AR-1016-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 134699953
Conc: 517.09 ng/ml



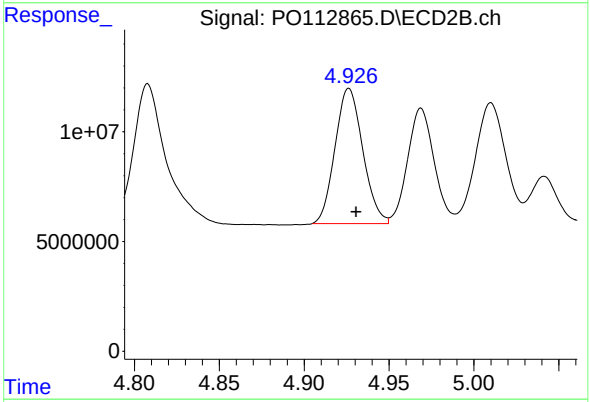
#5 AR-1016-3

R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 144239367
Conc: 551.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

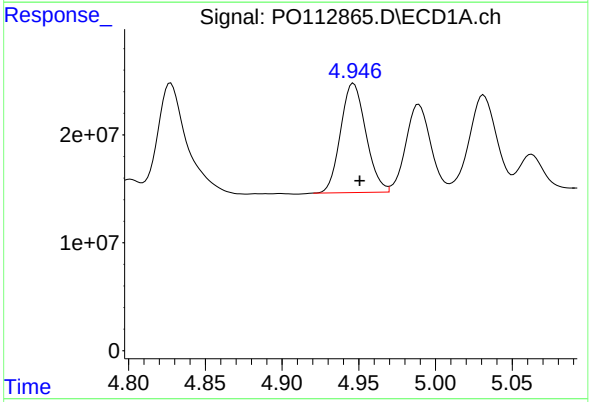
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



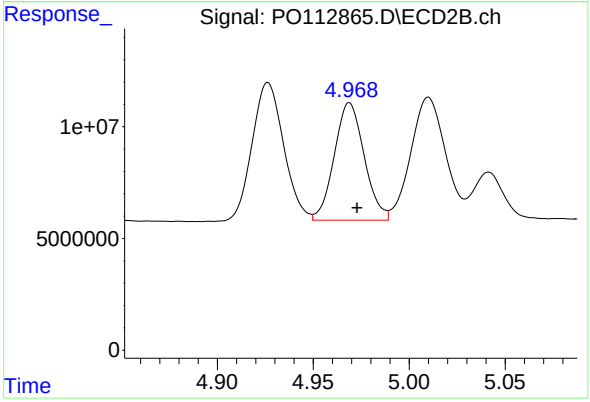
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 70193896
Conc: 516.26 ng/ml



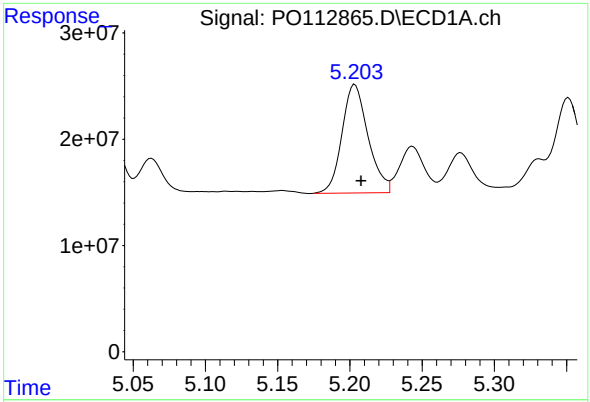
#6 AR-1016-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 116665542
Conc: 550.72 ng/ml



#6 AR-1016-4

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 57301939
Conc: 515.84 ng/ml



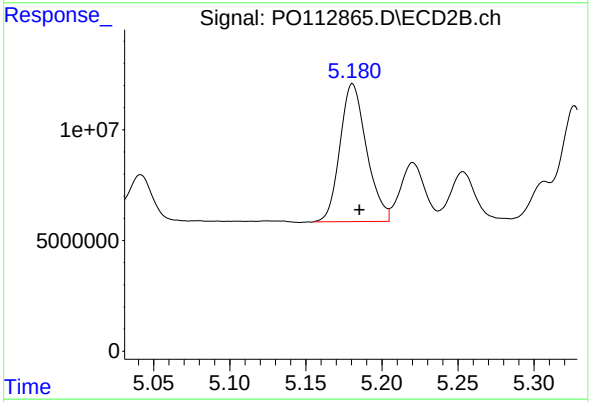
#7 AR-1016-5

R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 128204484
Conc: 584.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

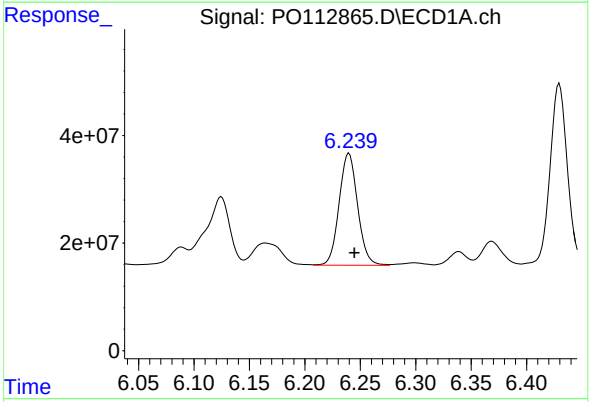
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



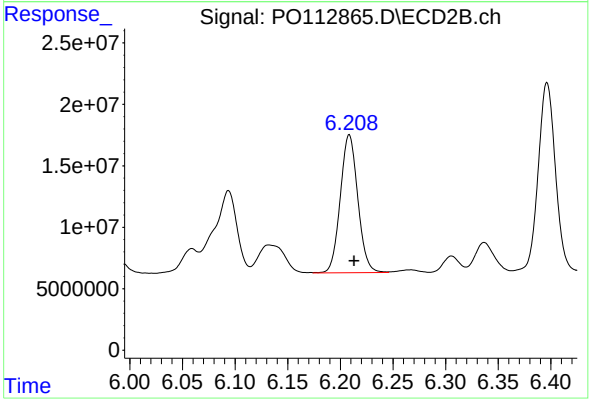
#7 AR-1016-5

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 75537038
Conc: 527.11 ng/ml



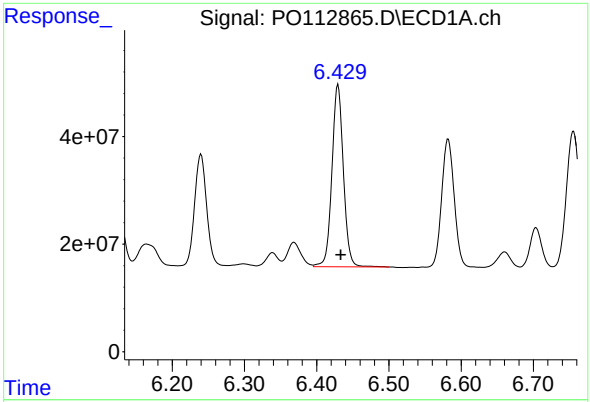
#31 AR-1260-1

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 241783854
Conc: 550.35 ng/ml



#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 130209411
Conc: 523.96 ng/ml



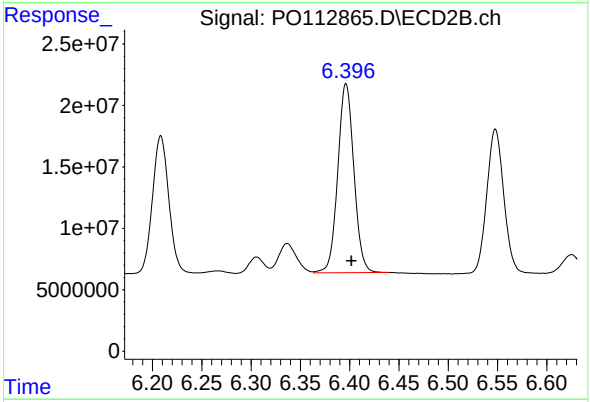
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 373809275
Conc: 543.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

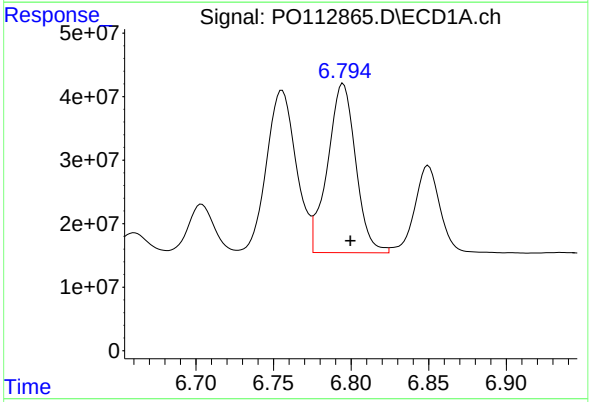
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



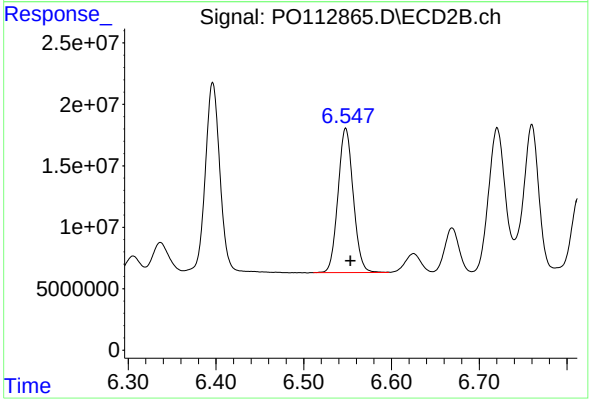
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 175240912
Conc: 531.85 ng/ml



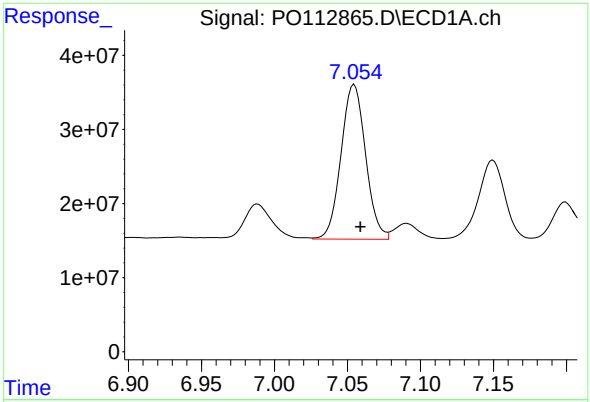
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 335729402
Conc: 570.95 ng/ml



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 141357365
Conc: 550.20 ng/ml m



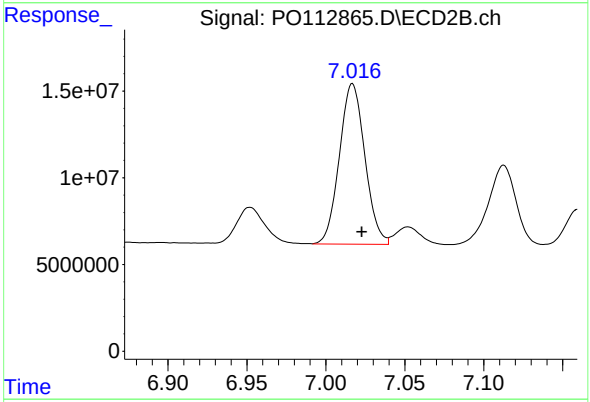
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 244563892
Conc: 542.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

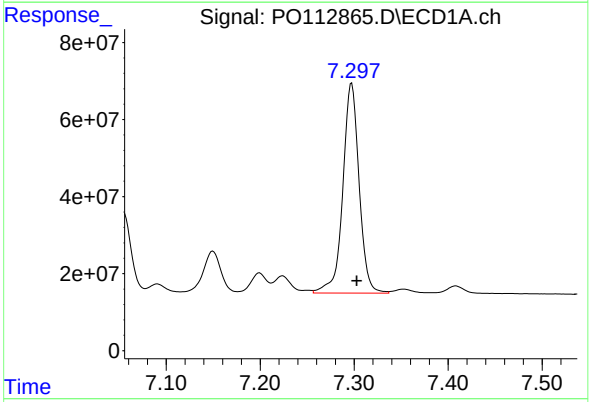
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



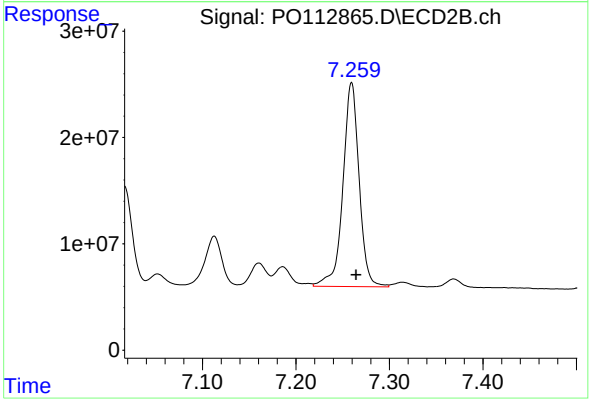
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 104031834
Conc: 543.78 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 656708588
Conc: 529.97 ng/ml



#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 231166363
Conc: 560.82 ng/ml

Raw Data: **PP074302.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 09:51 **Initial Calibration Time(s):** 12:05 20:28

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: **PP074302.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 09:51 **Initial Calibration Time(s):** 12:05 20:28

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	0.01
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074302.D **Time Analyzed:** 09:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.712	5.912	541.110	500.000	8.2
Aroclor-1016-2	5.830	5.733	5.933	542.210	500.000	8.4
Aroclor-1016-3	5.894	5.796	5.996	546.140	500.000	9.2
Aroclor-1016-4	5.990	5.893	6.093	549.740	500.000	9.9
Aroclor-1016-5	6.283	6.186	6.386	547.590	500.000	9.5
Aroclor-1260-1	7.400	7.303	7.503	520.400	500.000	4.1
Aroclor-1260-2	7.653	7.555	7.755	502.220	500.000	0.4
Aroclor-1260-3	8.010	7.913	8.113	510.120	500.000	2.0
Aroclor-1260-4	8.239	8.142	8.342	508.850	500.000	1.8
Aroclor-1260-5	8.564	8.468	8.668	488.630	500.000	-2.3
Decachlorobiphenyl	10.432	10.338	10.538	50.860	50.000	1.7
Tetrachloro-m-xylene	4.657	4.560	4.760	56.700	50.000	13.4

Raw Data: **PP074302.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074302.D **Time Analyzed:** 09:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.806	5.006	583.180	500.000	16.6
Aroclor-1016-2	4.958	4.863	5.063	601.820	500.000	20.4
Aroclor-1016-3	5.080	4.983	5.183	578.000	500.000	15.6
Aroclor-1016-4	5.120	5.023	5.223	590.230	500.000	18.0
Aroclor-1016-5	5.335	5.239	5.439	592.640	500.000	18.5
Aroclor-1260-1	6.551	6.455	6.655	550.000	500.000	10.0
Aroclor-1260-2	6.705	6.609	6.809	554.960	500.000	11.0
Aroclor-1260-3	6.915	6.819	7.019	569.790	500.000	14.0
Aroclor-1260-4	7.174	7.079	7.279	581.890	500.000	16.4
Aroclor-1260-5	7.413	7.318	7.518	587.660	500.000	17.5
Decachlorobiphenyl	8.818	8.726	8.926	52.860	50.000	5.7
Tetrachloro-m-xylene	3.802	3.705	3.905	61.630	50.000	23.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 09:51
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 12 11:29:45 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...	4.657	3.802	63412779	236.3E6	56.704	61.629
2)	SA Decachlor...	10.432	8.818	49396168	317.9E6	50.863	52.859
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	22324389	232.6E6	541.108	583.175
4)	L1 AR-1016-2	5.830	4.958	32934644	113.0E6	542.208	601.822
5)	L1 AR-1016-3	5.894	5.080	21660183	61308172	546.140	577.999
6)	L1 AR-1016-4	5.990	5.120	17890857	64465367	549.736	590.234
7)	L1 AR-1016-5	6.283	5.335	17779139	69316623	547.589	592.636
31)	L7 AR-1260-1	7.400	6.551	29327545	222.2E6	520.397	549.999
32)	L7 AR-1260-2	7.653	6.705	34227789	173.5E6	502.225	554.959
33)	L7 AR-1260-3	8.010	6.915	27187361	224.6E6	510.121	569.795
34)	L7 AR-1260-4	8.239	7.174	31861536	169.3E6	508.848	581.890
35)	L7 AR-1260-5	8.564	7.413	55364530	445.1E6	488.633	587.662

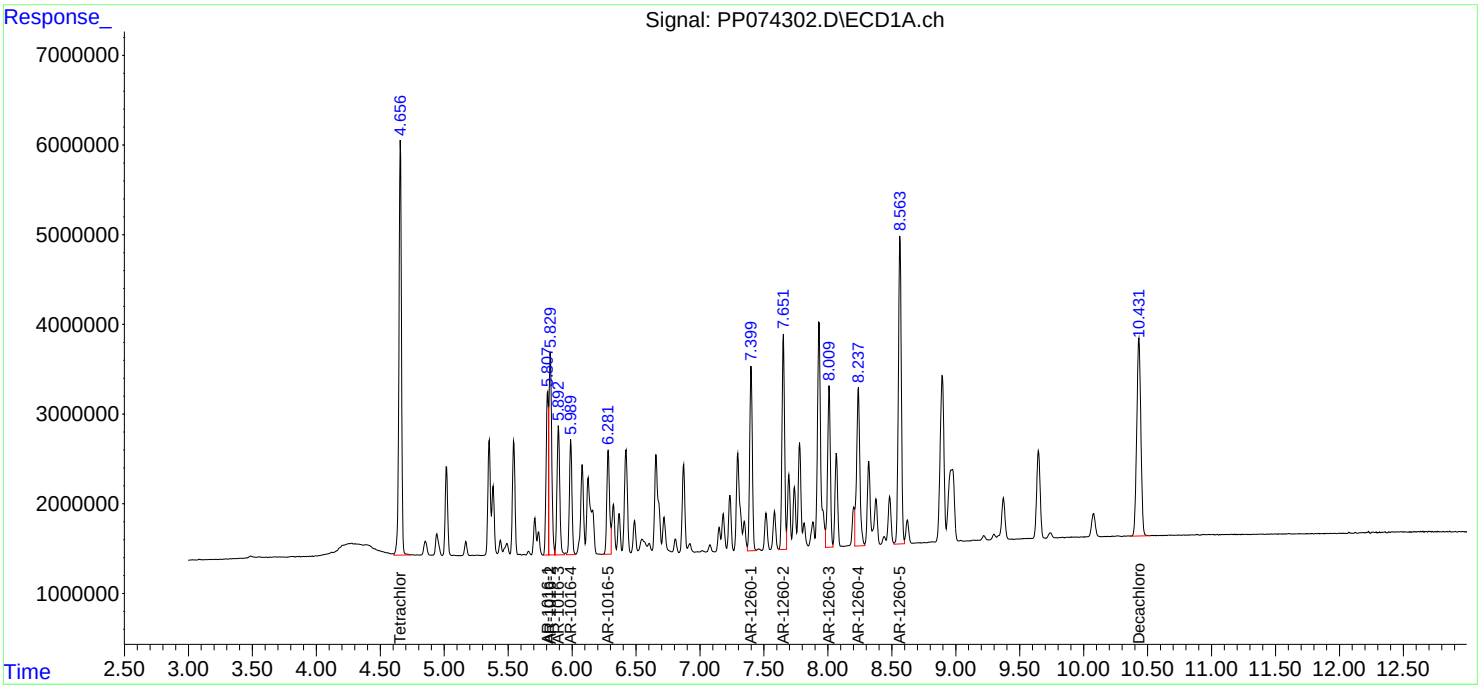
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

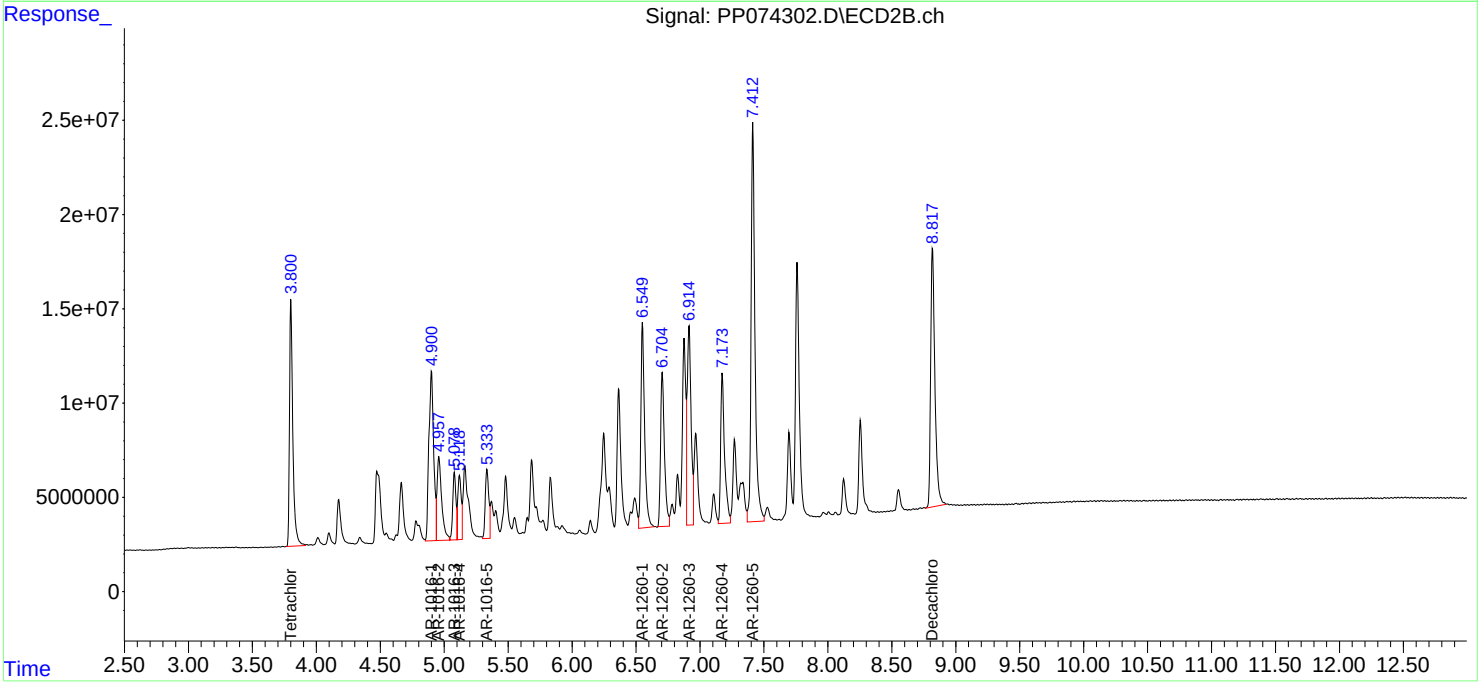
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 09:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

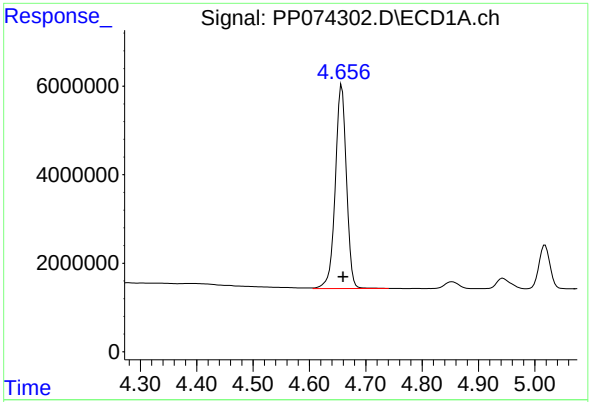
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 11:29:45 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



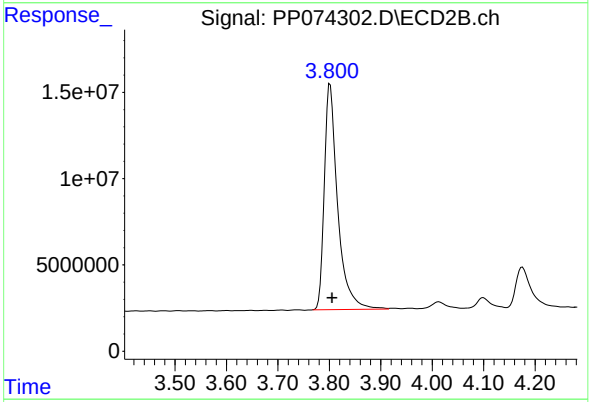




#1 Tetrachloro-m-xylene

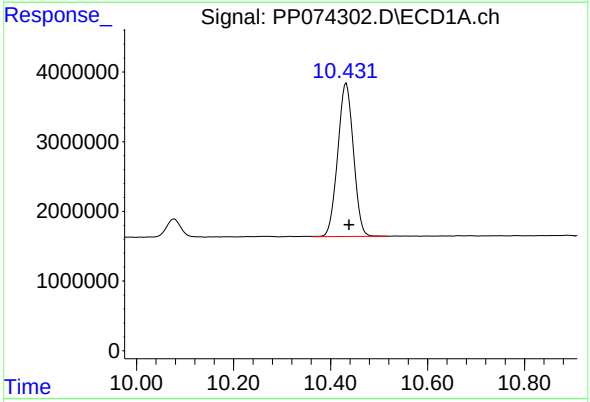
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 63412779
Conc: 56.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



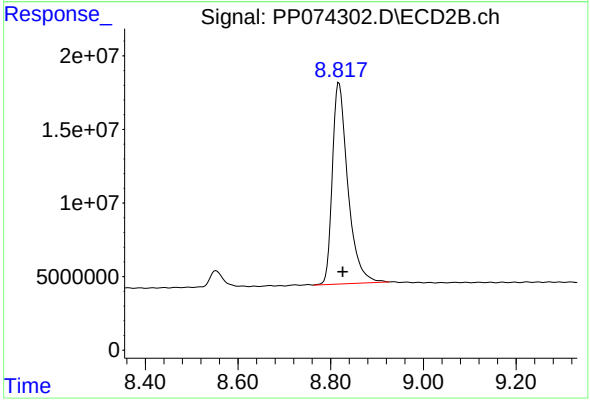
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 236312344
Conc: 61.63 ng/ml



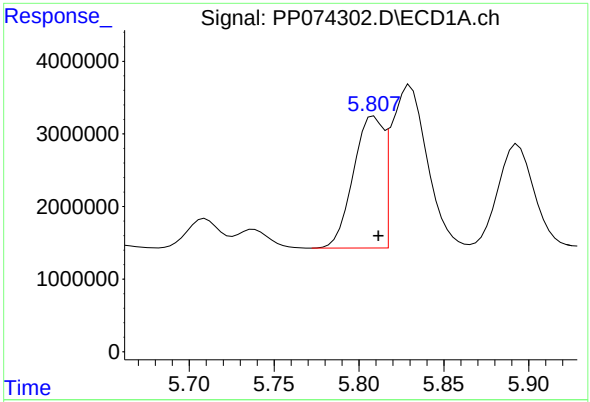
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.006 min
Response: 49396168
Conc: 50.86 ng/ml



#2 Decachlorobiphenyl

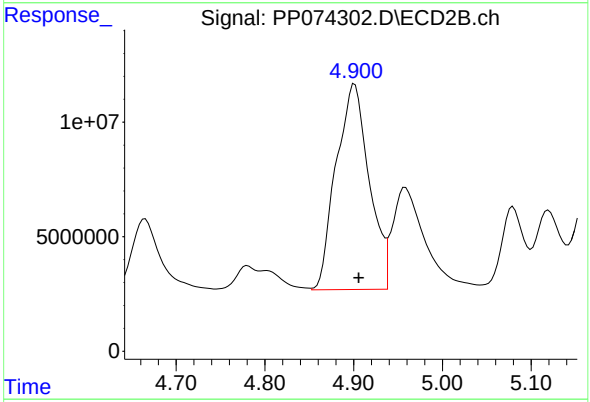
R.T.: 8.818 min
Delta R.T.: -0.008 min
Response: 317876418
Conc: 52.86 ng/ml



#3 AR-1016-1

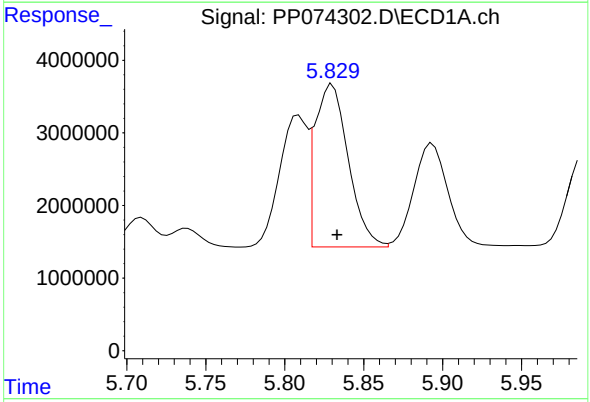
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 22324389
Conc: 541.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



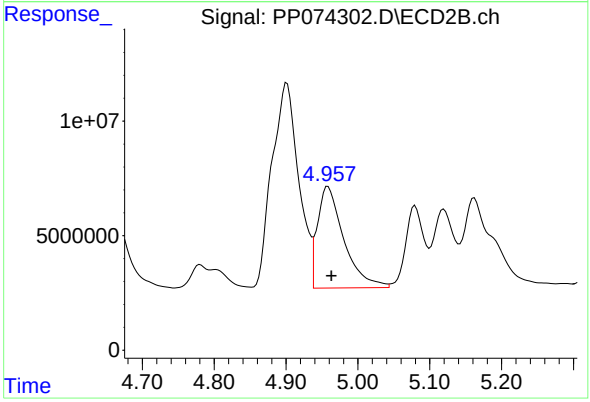
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.005 min
Response: 232621277
Conc: 583.18 ng/ml



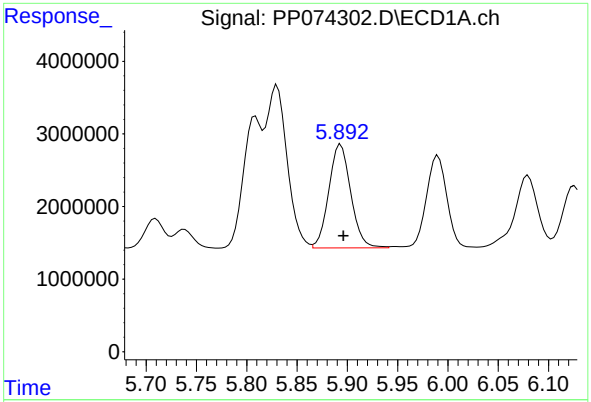
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 32934644
Conc: 542.21 ng/ml



#4 AR-1016-2

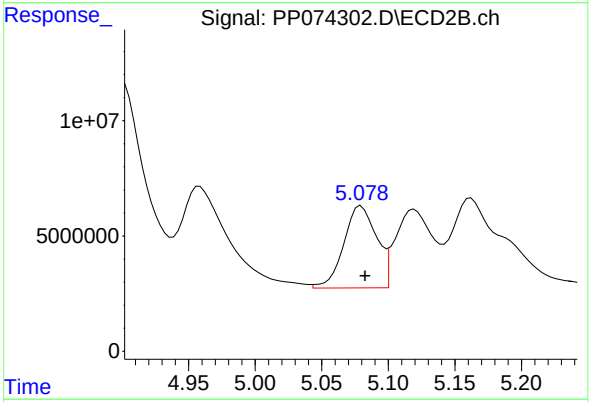
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 113027618
Conc: 601.82 ng/ml



#5 AR-1016-3

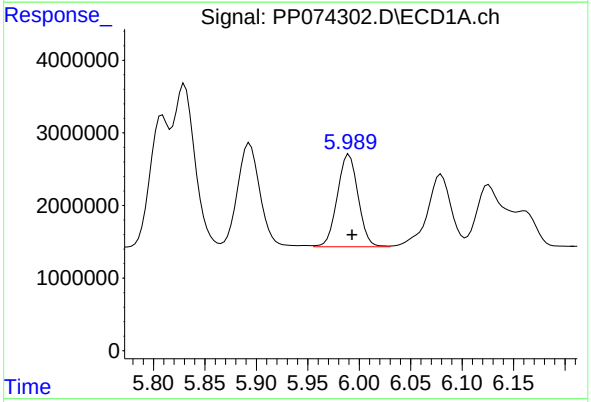
R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 21660183
Conc: 546.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



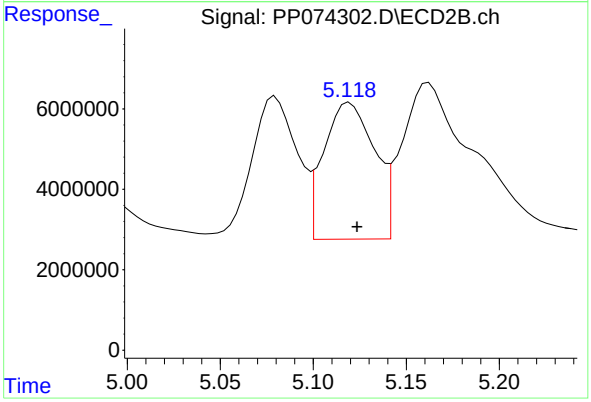
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 61308172
Conc: 578.00 ng/ml



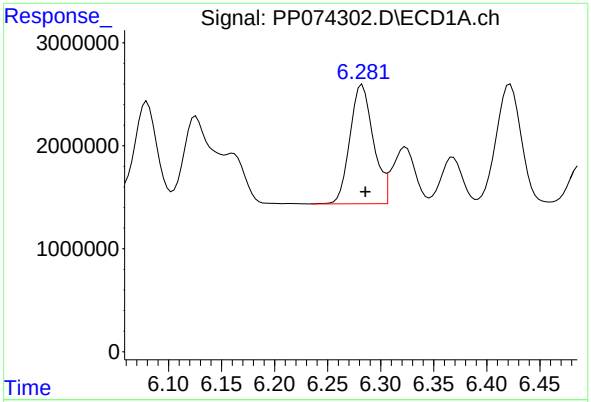
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 17890857
Conc: 549.74 ng/ml



#6 AR-1016-4

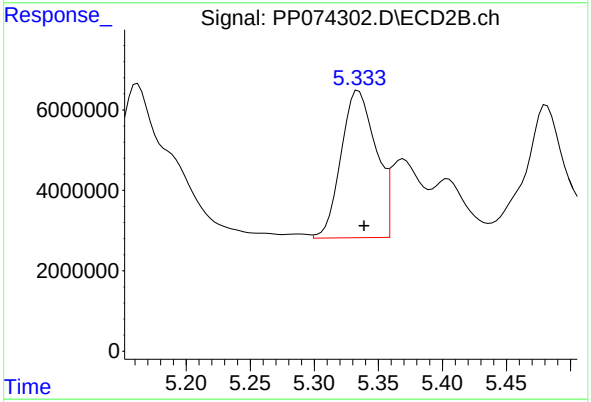
R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 64465367
Conc: 590.23 ng/ml



#7 AR-1016-5

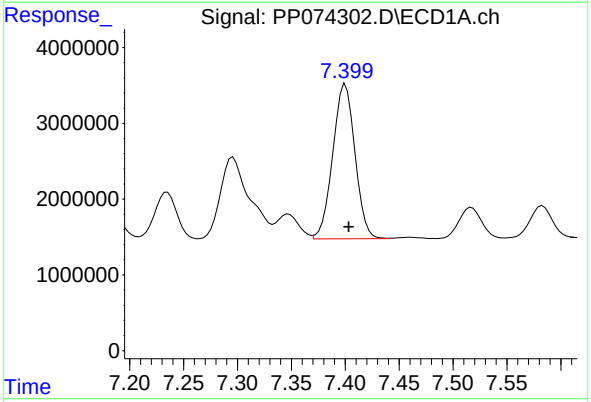
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 17779139
Conc: 547.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



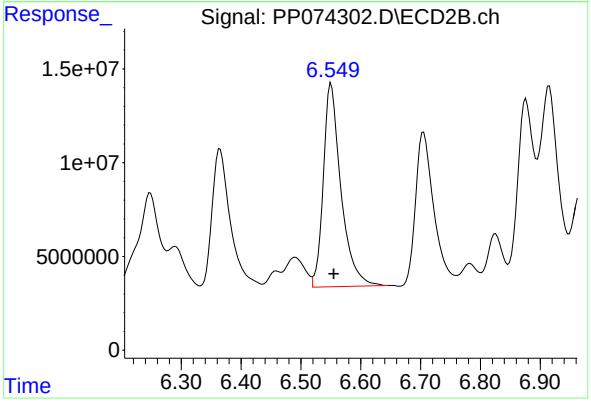
#7 AR-1016-5

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 69316623
Conc: 592.64 ng/ml



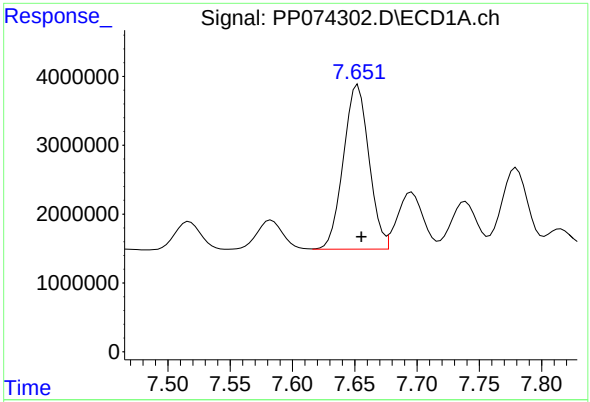
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 29327545
Conc: 520.40 ng/ml



#31 AR-1260-1

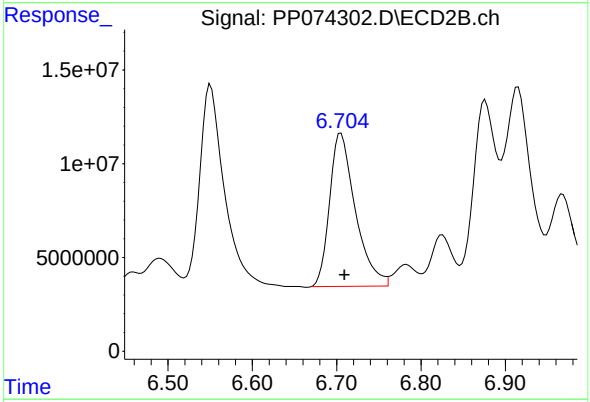
R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 222175958
Conc: 550.00 ng/ml



#32 AR-1260-2

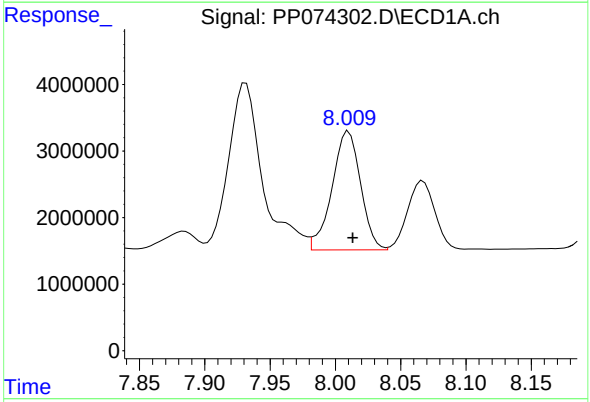
R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 34227789
Conc: 502.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



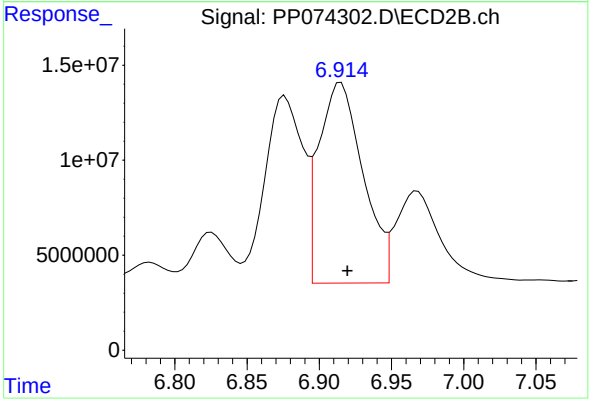
#32 AR-1260-2

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 173534930
Conc: 554.96 ng/ml



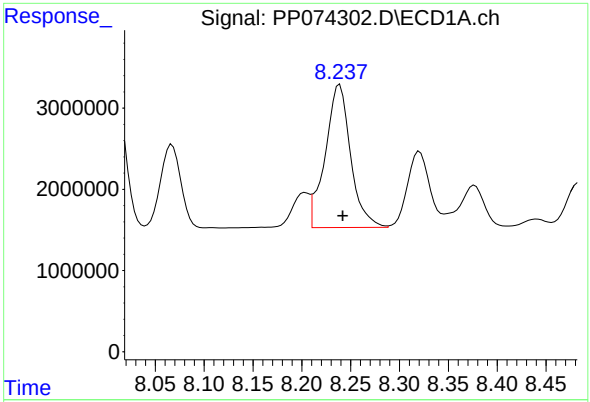
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 27187361
Conc: 510.12 ng/ml



#33 AR-1260-3

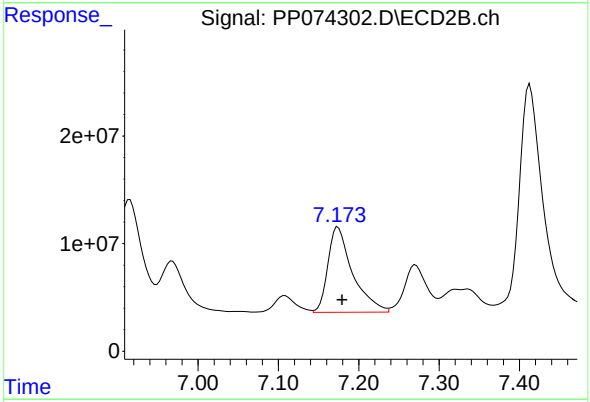
R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 224566541
Conc: 569.79 ng/ml



#34 AR-1260-4

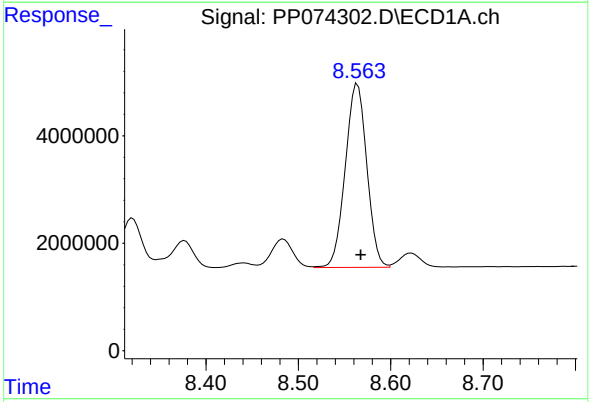
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 31861536
Conc: 508.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



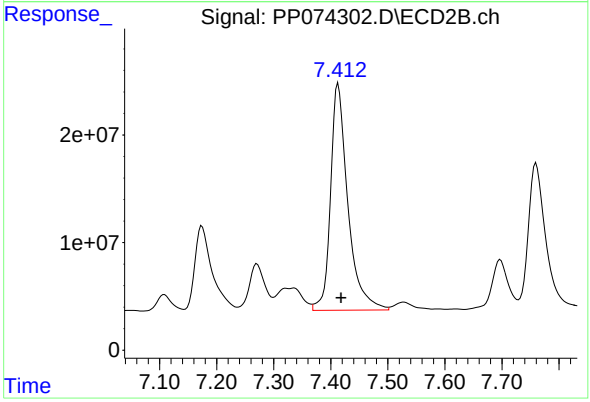
#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 169318007
Conc: 581.89 ng/ml



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 55364530
Conc: 488.63 ng/ml



#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: -0.005 min
Response: 445101278
Conc: 587.66 ng/ml

Raw Data: **PP074316.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:48 **Initial Calibration Time(s):** 12:05 20:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	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: **PP074316.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:48 **Initial Calibration Time(s):** 12:05 20:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.41	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: **PP074316.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074316.D **Time Analyzed:** 15:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.811	5.712	5.912	556.880	500.000	11.4
Aroclor-1016-2	5.832	5.733	5.933	550.560	500.000	10.1
Aroclor-1016-3	5.895	5.796	5.996	559.440	500.000	11.9
Aroclor-1016-4	5.992	5.893	6.093	563.510	500.000	12.7
Aroclor-1016-5	6.284	6.186	6.386	554.850	500.000	11.0
Aroclor-1260-1	7.401	7.303	7.503	536.530	500.000	7.3
Aroclor-1260-2	7.654	7.555	7.755	517.500	500.000	3.5
Aroclor-1260-3	8.012	7.913	8.113	522.830	500.000	4.6
Aroclor-1260-4	8.240	8.142	8.342	532.940	500.000	6.6
Aroclor-1260-5	8.565	8.468	8.668	506.790	500.000	1.4
Decachlorobiphenyl	10.436	10.338	10.538	52.310	50.000	4.6
Tetrachloro-m-xylene	4.659	4.560	4.760	57.560	50.000	15.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** FIRS02

Lab Code: ACE **SDG NO.:** Q2819

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074316.D **Time Analyzed:** 15:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.903	4.806	5.006	585.540	500.000	17.1
Aroclor-1016-2	4.958	4.863	5.063	555.580	500.000	11.1
Aroclor-1016-3	5.081	4.983	5.183	591.090	500.000	18.2
Aroclor-1016-4	5.122	5.023	5.223	595.870	500.000	19.2
Aroclor-1016-5	5.334	5.239	5.439	590.590	500.000	18.1
Aroclor-1260-1	6.552	6.455	6.655	580.600	500.000	16.1
Aroclor-1260-2	6.706	6.609	6.809	568.790	500.000	13.8
Aroclor-1260-3	6.917	6.819	7.019	594.280	500.000	18.9
Aroclor-1260-4	7.175	7.079	7.279	583.960	500.000	16.8
Aroclor-1260-5	7.414	7.318	7.518	585.850	500.000	17.2
Decachlorobiphenyl	8.820	8.726	8.926	55.460	50.000	10.9
Tetrachloro-m-xylene	3.802	3.705	3.905	59.630	50.000	19.3

Sample Results: **PP074316.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:48
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.802	64369772	228.6E6	57.560	59.625m
2)	SA Decachlor...	10.436	8.820	50800485	333.5E6	52.309	55.456
	Target Compounds						
3)	L1 AR-1016-1	5.811	4.903	22974987	233.6E6	556.877	585.544
4)	L1 AR-1016-2	5.832	4.958	33441672	104.3E6	550.555	555.579m
5)	L1 AR-1016-3	5.895	5.081	22187737	62696370	559.442	591.087
6)	L1 AR-1016-4	5.992	5.122	18339102	65081402	563.509	595.874
7)	L1 AR-1016-5	6.284	5.334	18014922	69076982	554.851	590.587m
31)	L7 AR-1260-1	7.401	6.552	30236790	234.5E6	536.531	580.596
32)	L7 AR-1260-2	7.654	6.706	35268906	177.9E6	517.501	568.793
33)	L7 AR-1260-3	8.012	6.917	27864737	234.2E6	522.830	594.283
34)	L7 AR-1260-4	8.240	7.175	33370027	169.9E6	532.940	583.961
35)	L7 AR-1260-5	8.565	7.414	57421797	443.7E6	506.790	585.848

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:48
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

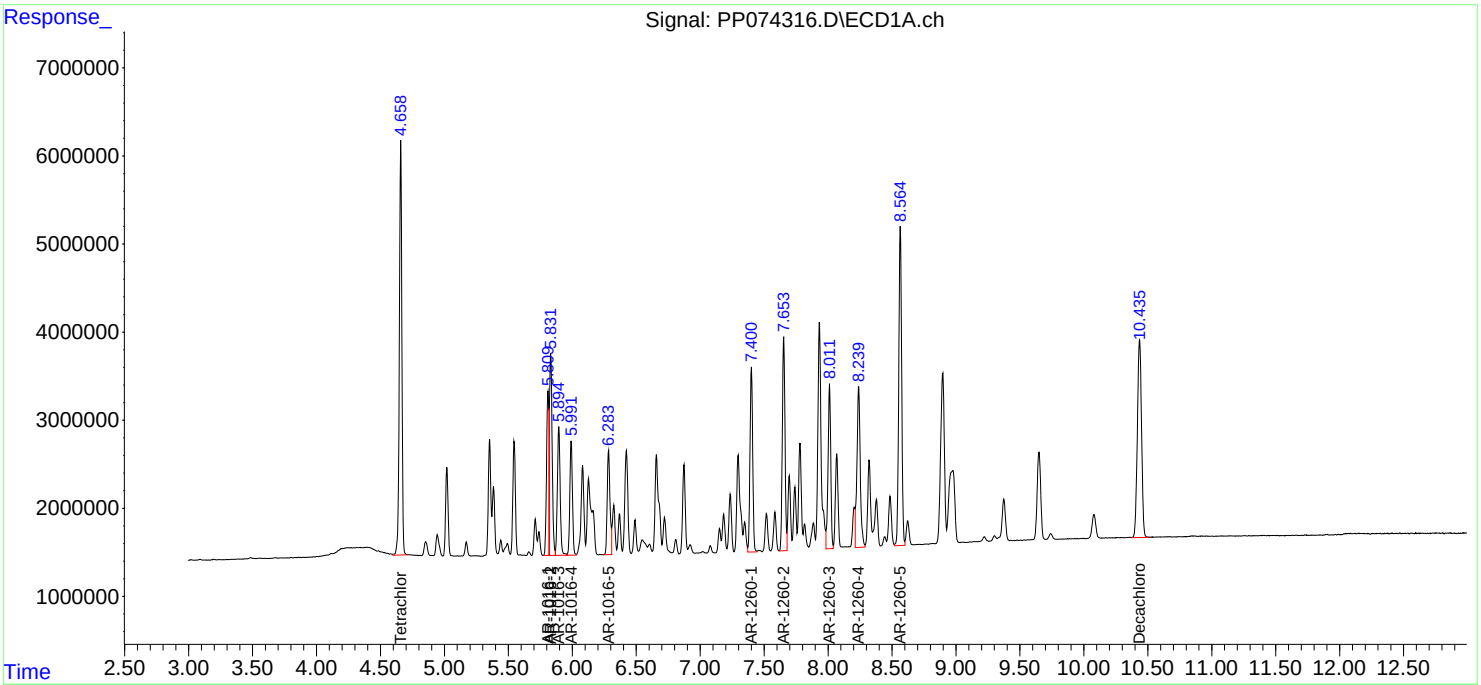
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

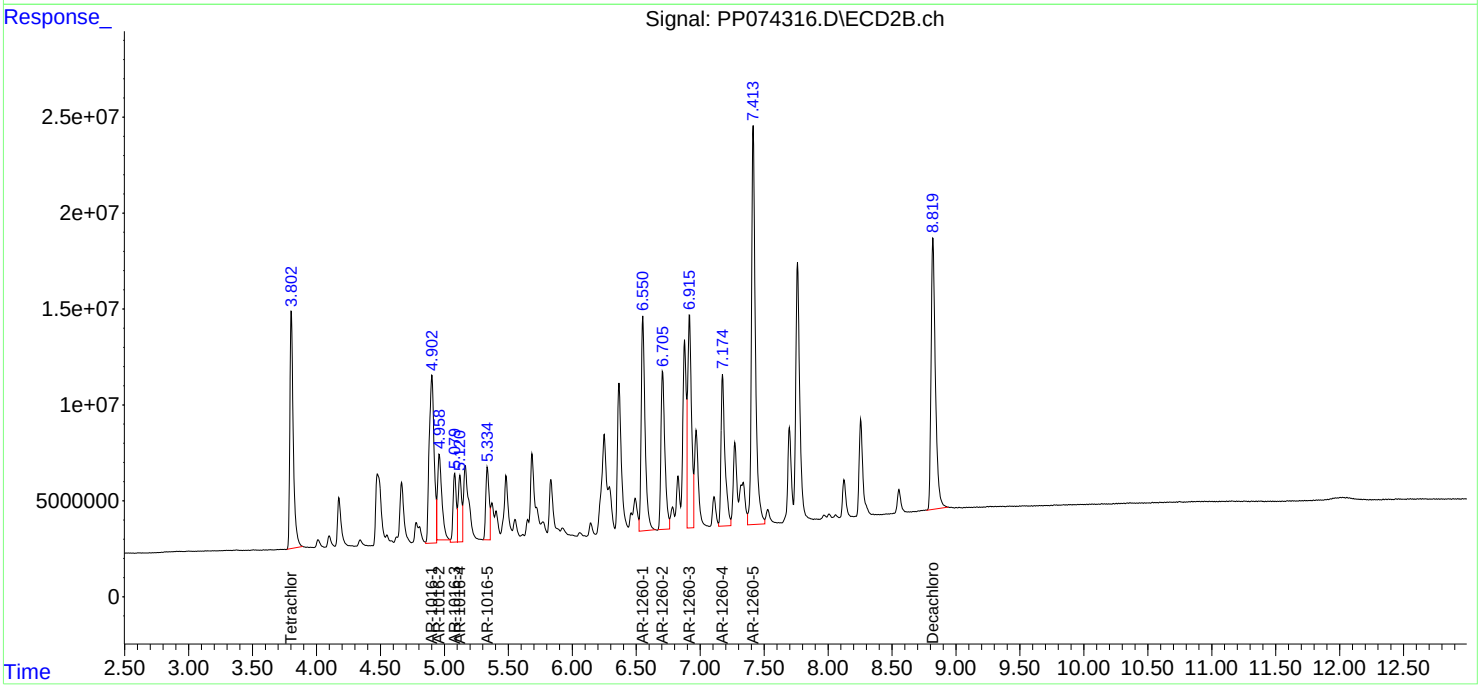
Manual Integrations APPROVED

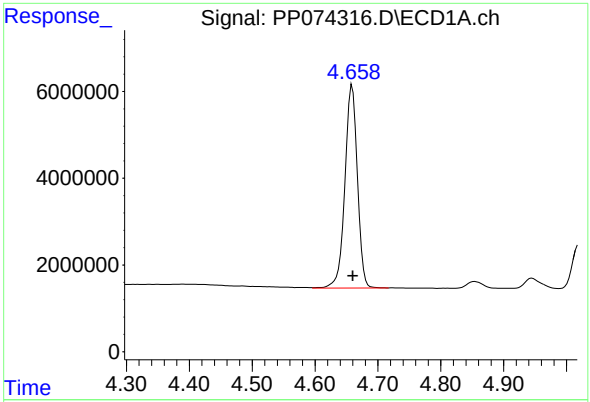
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







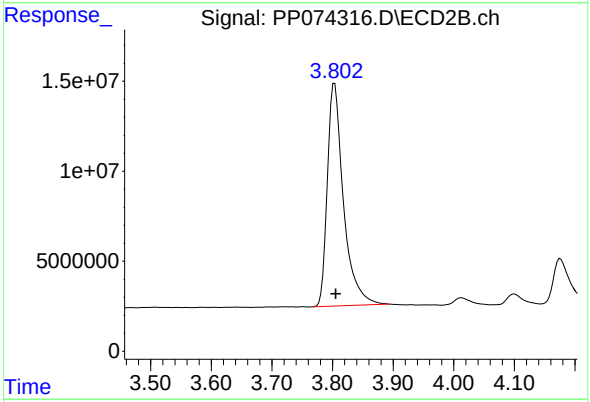
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 64369772
Conc: 57.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

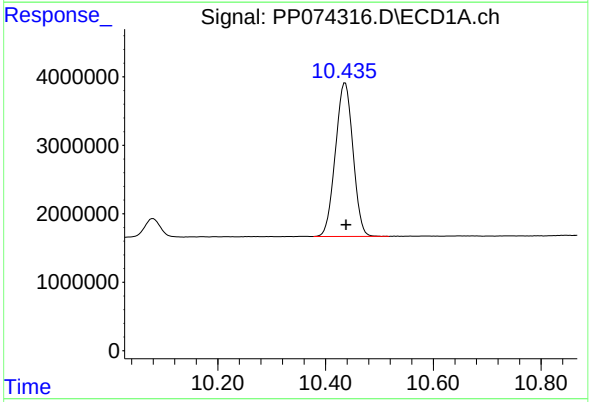
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



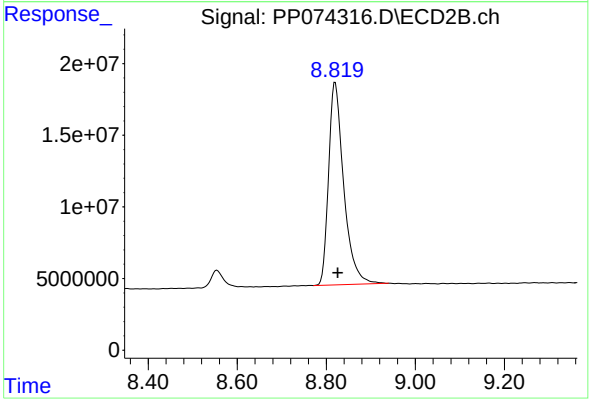
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 228628471
Conc: 59.63 ng/ml m



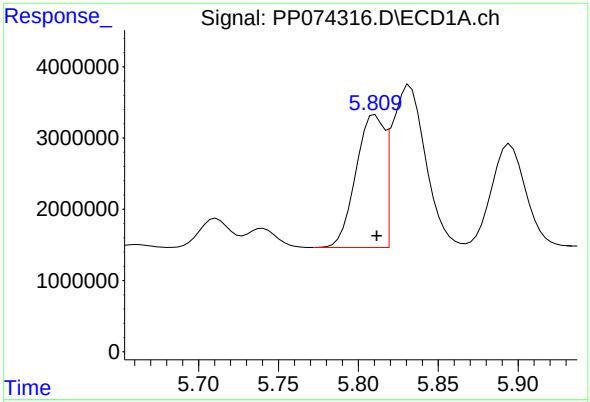
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: -0.002 min
Response: 50800485
Conc: 52.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 333491572
Conc: 55.46 ng/ml



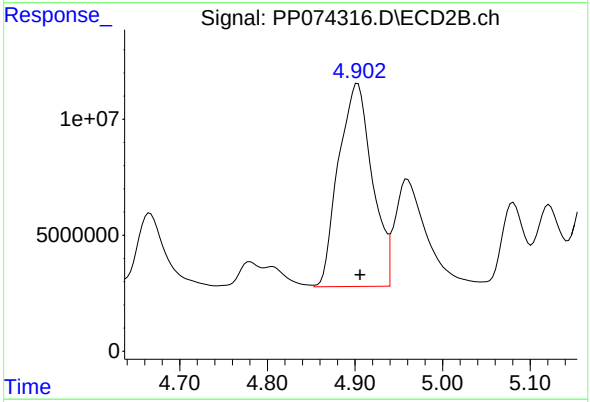
#3 AR-1016-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22974987
Conc: 556.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

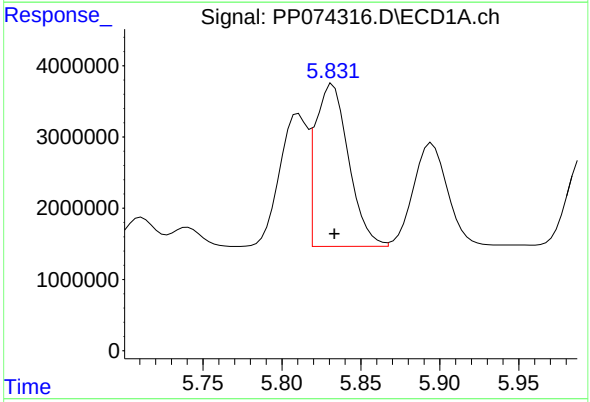
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



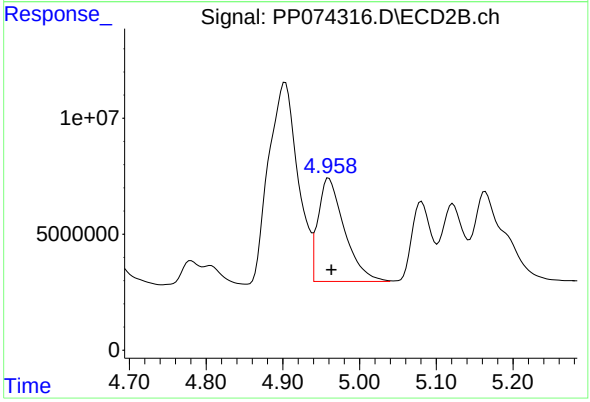
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 233566270
Conc: 585.54 ng/ml



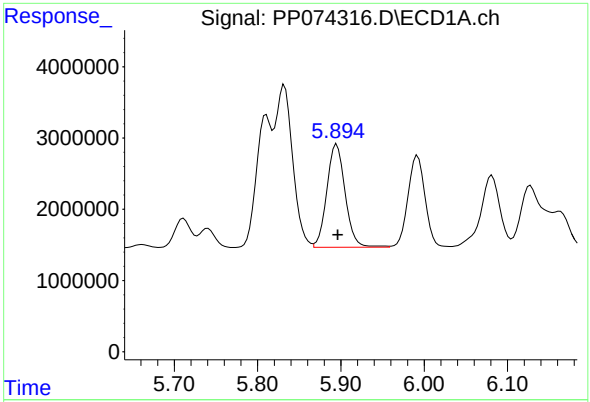
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 33441672
Conc: 550.56 ng/ml



#4 AR-1016-2

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 104342798
Conc: 555.58 ng/ml m



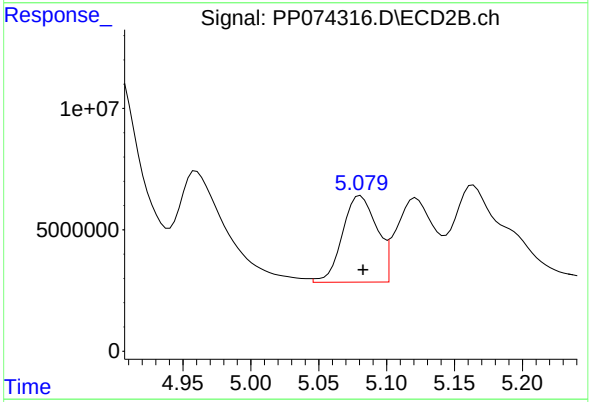
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 22187737
Conc: 559.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

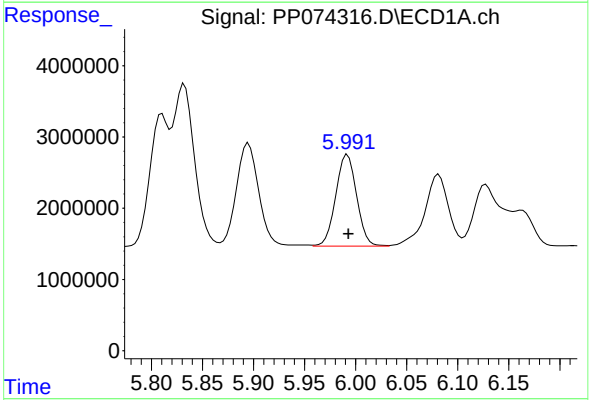
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



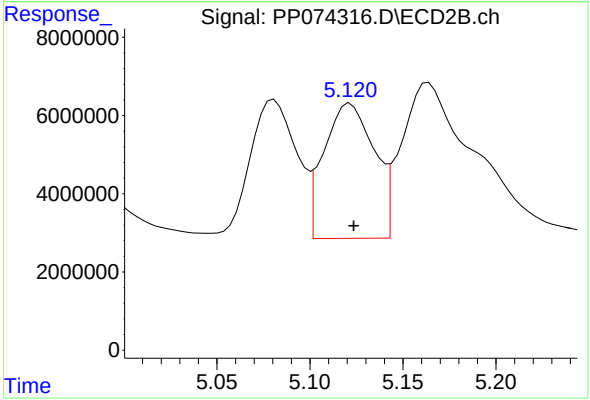
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 62696370
Conc: 591.09 ng/ml



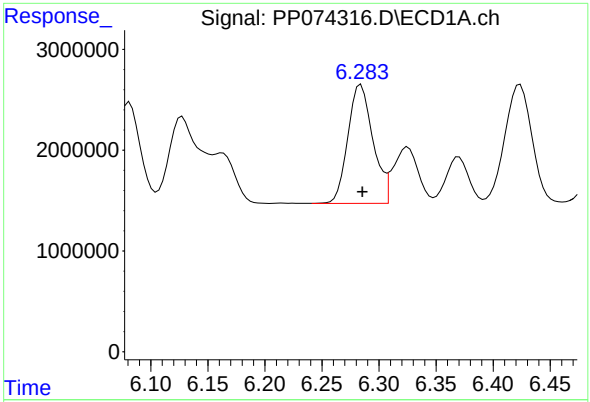
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 18339102
Conc: 563.51 ng/ml



#6 AR-1016-4

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 65081402
Conc: 595.87 ng/ml



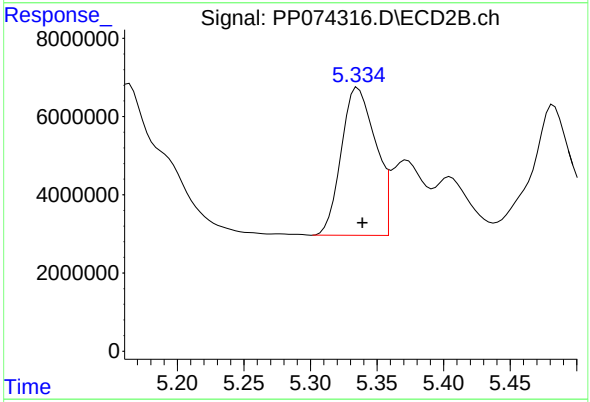
#7 AR-1016-5

R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 18014922
Conc: 554.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

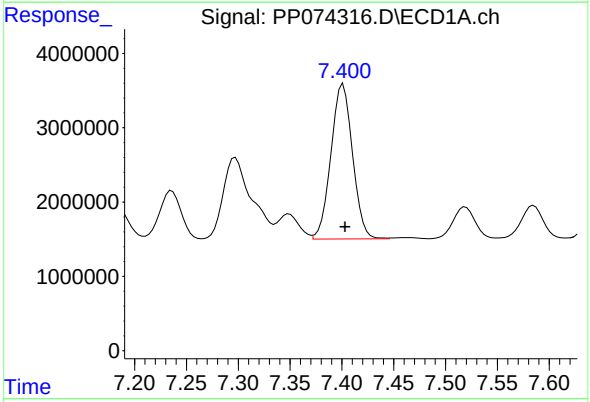
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



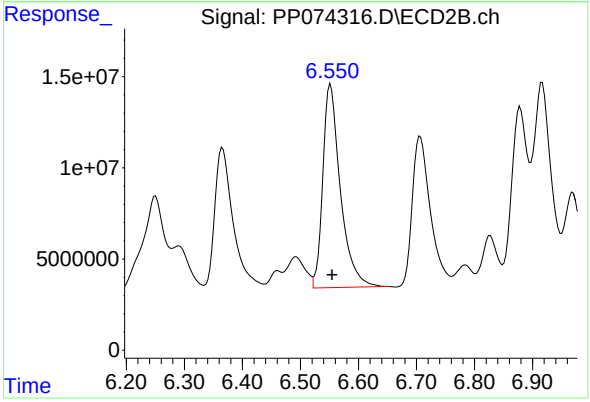
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 69076982
Conc: 590.59 ng/ml m



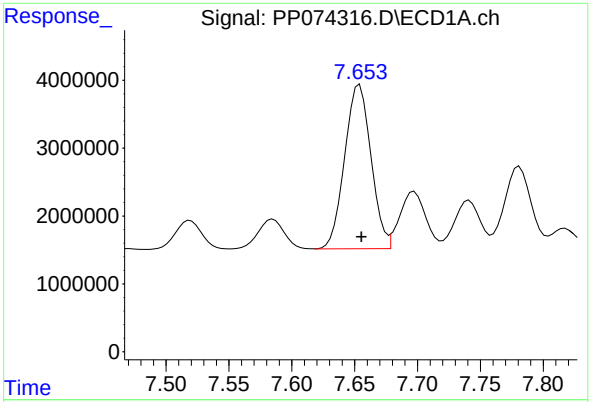
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 30236790
Conc: 536.53 ng/ml



#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 234535731
Conc: 580.60 ng/ml



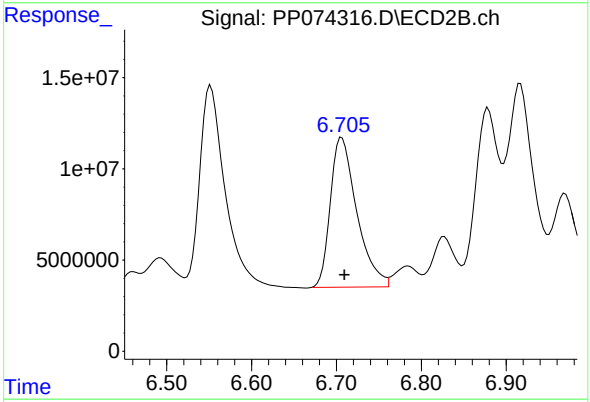
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 35268906
Conc: 517.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

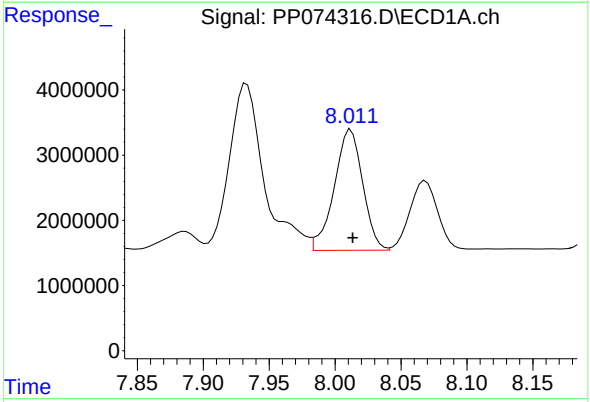
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



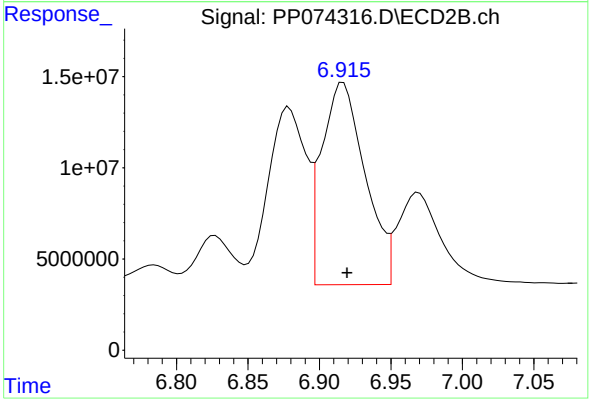
#32 AR-1260-2

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 177860970
Conc: 568.79 ng/ml



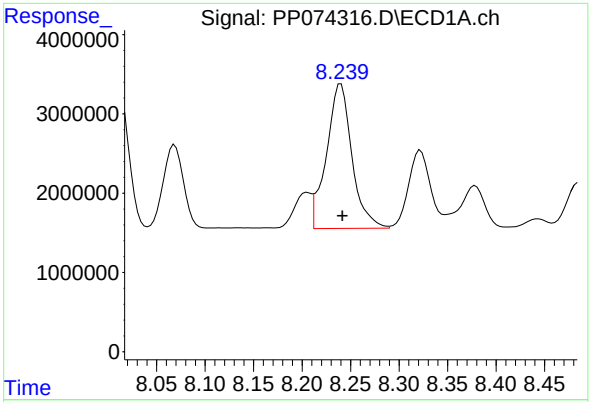
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: -0.001 min
Response: 27864737
Conc: 522.83 ng/ml



#33 AR-1260-3

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 234217922
Conc: 594.28 ng/ml



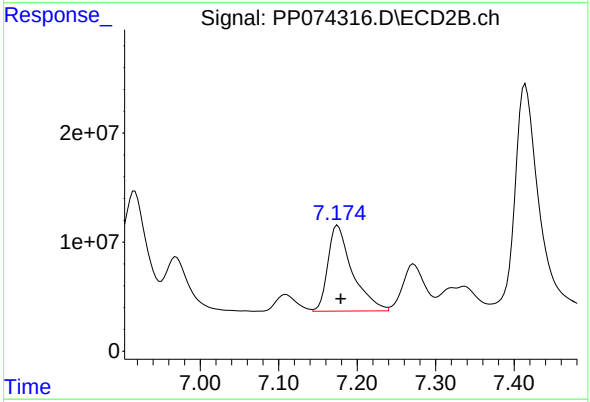
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 33370027
Conc: 532.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

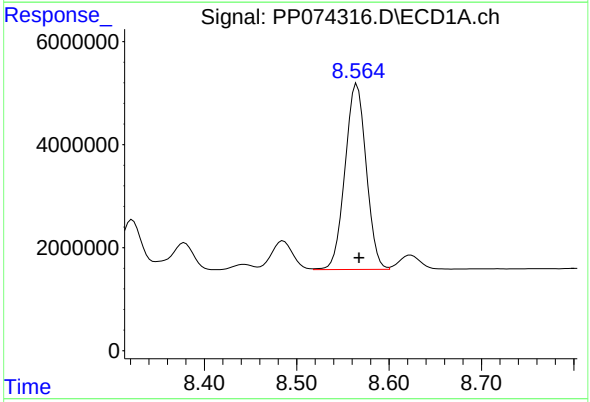
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



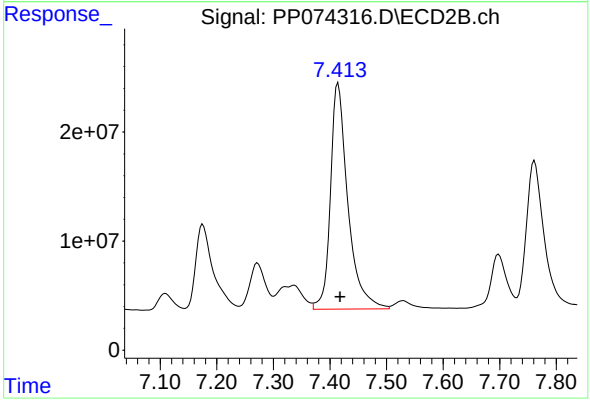
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 169920550
Conc: 583.96 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 57421797
Conc: 506.79 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 443727135
Conc: 585.85 ng/ml

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Fax : 908 789 8922

Analytical Sequence

Client: First Environment, Inc. **SDG No.:** Q2819

Project: USACE018-44 DOD **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	08/12/2025	08:54	PO112850.D	8.69	3.67
I.BLK	I.BLK	08/12/2025	10:05	PO112854.D	8.69	3.66
11M-S	Q2819-06	08/12/2025	13:26	PO112860.D	8.69	3.66
84SB-W	Q2819-11	08/12/2025	13:43	PO112861.D	8.68	3.67
17M-W	Q2819-14	08/12/2025	14:01	PO112862.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/12/2025	15:50	PO112865.D	8.69	3.67
I.BLK	I.BLK	08/12/2025	17:00	PO112869.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
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

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Analytical Sequence

AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	10.44	4.66
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	10.44	4.66
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	10.43	4.66
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	10.43	4.66
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	10.43	4.66
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	10.43	4.66
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	10.43	4.66
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/12/2025	09:51	PP074302.D	10.43	4.66
I.BLK	I.BLK	08/12/2025	10:43	PP074305.D	10.44	4.66
PB169205BL	PB169205BL	08/12/2025	12:48	PP074308.D	10.44	4.66
PB169205BS	PB169205BS	08/12/2025	13:05	PP074309.D	10.44	4.66
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MS	08/12/2025	13:37	PP074311.D	10.44	4.66
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MSD	08/12/2025	13:53	PP074312.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/12/2025	15:48	PP074316.D	10.44	4.66
I.BLK	I.BLK	08/12/2025	16:53	PP074319.D	10.43	4.66

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Fax : 908 789 8922

Analytical Sequence

Client: First Environment, Inc. **SDG No.:** Q2819

Project: USACE018-44 DOD **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/12/2025	08:54	PO112850.D	8.63	3.66
I.BLK	I.BLK	08/12/2025	10:05	PO112854.D	8.63	3.66
11M-S	Q2819-06	08/12/2025	13:26	PO112860.D	8.63	3.66
84SB-W	Q2819-11	08/12/2025	13:43	PO112861.D	8.63	3.66
17M-W	Q2819-14	08/12/2025	14:01	PO112862.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/12/2025	15:50	PO112865.D	8.63	3.66
I.BLK	I.BLK	08/12/2025	17:00	PO112869.D	8.63	3.66
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	8.83	3.80
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	8.83	3.81
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	8.83	3.80
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	8.83	3.81
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	8.83	3.81
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	8.83	3.80

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Analytical Sequence

AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	8.83	3.80
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	8.83	3.80
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	8.83	3.81
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	8.82	3.81
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	8.82	3.81
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	8.82	3.80
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/12/2025	09:51	PP074302.D	8.82	3.80
I.BLK	I.BLK	08/12/2025	10:43	PP074305.D	8.82	3.81
PB169205BL	PB169205BL	08/12/2025	12:48	PP074308.D	8.82	3.80
PB169205BS	PB169205BS	08/12/2025	13:05	PP074309.D	8.82	3.80
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MS	08/12/2025	13:37	PP074311.D	8.82	3.80
BIN0009-DRIVEWAY-TP-SOUTH-EAST	Q2830-01MSD	08/12/2025	13:53	PP074312.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/12/2025	15:48	PP074316.D	8.82	3.80
I.BLK	I.BLK	08/12/2025	16:53	PP074319.D	8.82	3.80

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169205BS

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2819

Lab Sample ID: PB169205BS Date(s) Analyzed: 08/12/2025 08/12/2025

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 PP074309.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.809	5.759	5.859	183		
	2	5.83	5.78	5.88	187		
	3	5.893	5.843	5.943	187		
COLUMN 1	4	5.99	5.94	6.04	188		
	5	6.283	6.233	6.333	180	185	
	1	4.902	4.852	4.952	191		
	2	4.959	4.909	5.009	185		
	3	5.08	5.03	5.13	176		
	4	5.121	5.071	5.171	172		
COLUMN 2	5	5.334	5.284	5.384	191	183	1.09
Aroclor-1260	1	7.401	7.351	7.451	183		
	2	7.653	7.603	7.703	176		
	3	8.012	7.962	8.062	152		
COLUMN 1	4	8.238	8.188	8.288	165		
	5	8.566	8.516	8.616	150	165	
	1	6.551	6.501	6.601	195		
	2	6.706	6.656	6.756	195		
	3	6.915	6.865	6.965	173		
	4	7.175	7.125	7.225	171		
COLUMN 2	5	7.415	7.365	7.465	168	180	8.7

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BIN0009-DRIVEWAY-TP

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2819

Lab Sample ID: Q2830-01MS | Date(s) Analyzed: 08/12/2025 08/12/2025

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 PP074311.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.809	5.759	5.859	200		
	2	5.831	5.781	5.881	201		
	3	5.894	5.844	5.944	200		
COLUMN 1	4	5.991	5.941	6.041	209		
	5	6.283	6.233	6.333	195	201	
	1	4.901	4.851	4.951	213		
	2	4.958	4.908	5.008	215		
	3	5.079	5.029	5.129	219		
	4	5.119	5.069	5.169	206		
COLUMN 2	5	5.334	5.284	5.384	212	213	5.8
Aroclor-1260	1	7.4	7.35	7.45	191		
	2	7.653	7.603	7.703	183		
	3	8.012	7.962	8.062	157		
COLUMN 1	4	8.238	8.188	8.288	181		
	5	8.566	8.516	8.616	155	173	
	1	6.55	6.5	6.6	196		
	2	6.704	6.654	6.754	193		
	3	6.914	6.864	6.964	172		
	4	7.175	7.125	7.225	175		
COLUMN 2	5	7.413	7.363	7.463	170	181	4.52

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BIN0009-DRIVEWAY-TP

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2819

Lab Sample ID: Q2830-01MSD Date(s) Analyzed: 08/12/2025 08/12/2025

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 PP074312.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.811	5.761	5.861	205		
	2	5.832	5.782	5.882	202		
	3	5.895	5.845	5.945	204		
COLUMN 1	4	5.992	5.942	6.042	256		
	5	6.284	6.234	6.334	199	213	
	1	4.904	4.854	4.954	220		
	2	4.961	4.911	5.011	222		
	3	5.081	5.031	5.131	215		
	4	5.122	5.072	5.172	218		
COLUMN 2	5	5.337	5.287	5.387	219	219	2.78
Aroclor-1260	1	7.402	7.352	7.452	197		
	2	7.654	7.604	7.704	186		
	3	8.012	7.962	8.062	160		
COLUMN 1	4	8.239	8.189	8.289	183		
	5	8.565	8.515	8.615	159	177	
	1	6.552	6.502	6.602	206		
	2	6.707	6.657	6.757	201		
	3	6.916	6.866	6.966	178		
	4	7.176	7.126	7.226	180		
COLUMN 2	5	7.415	7.365	7.465	176	188	6.03

QC SAMPLE DATA

Raw Data: **PP074308.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	USACE018-44 DOD	Date Received:	
Client Sample ID:	PB169205BL	SDG No.:	Q2819
Lab Sample ID:	PB169205BL	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
PP074308.D	1	08/12/25 08:15	08/12/25 12:48	PB169205

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	23.1		44 - 130		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		60 - 125		111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP074308.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 12:48
Operator : YP\AJ
Sample : PB169205BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169205BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	25834612	77167851	23.102	20.125
2)	SA Decachlor...	10.439	8.817	21524564	120.6E6	22.164	20.052
	Target Compounds						

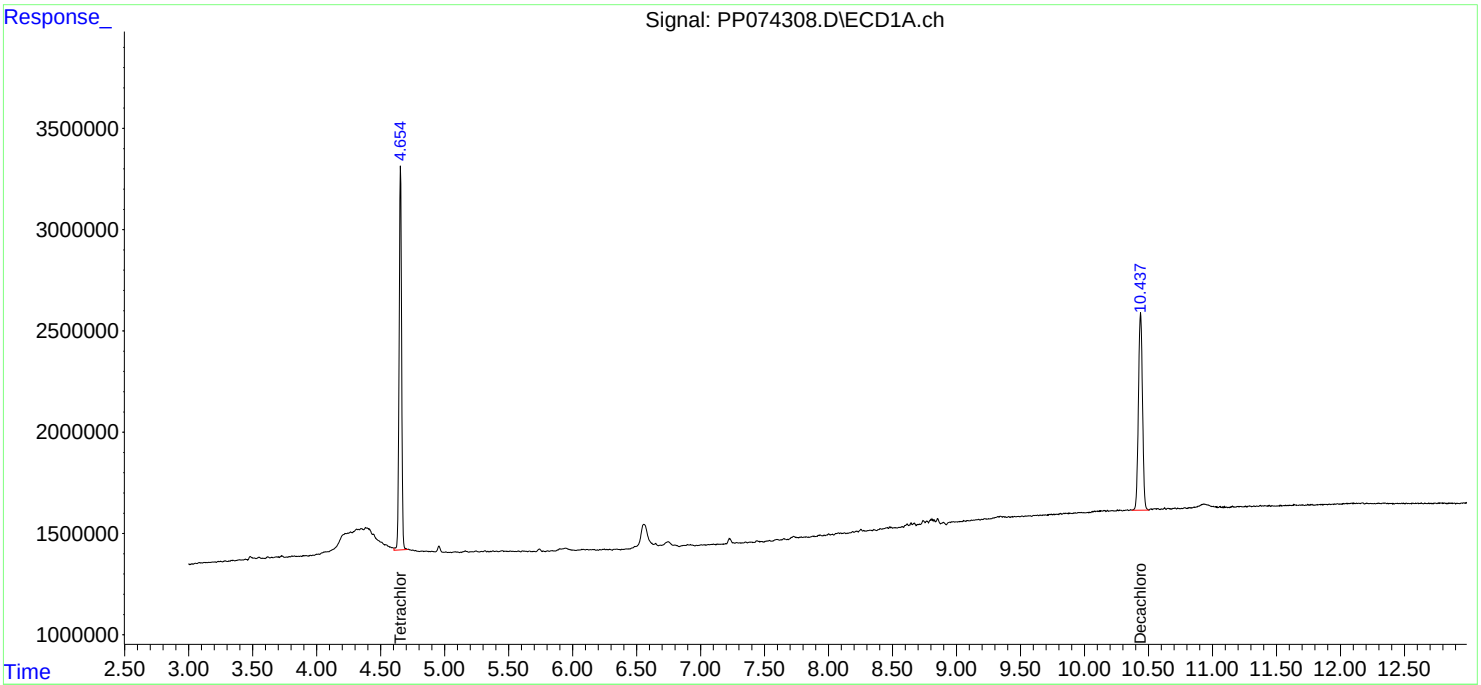
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

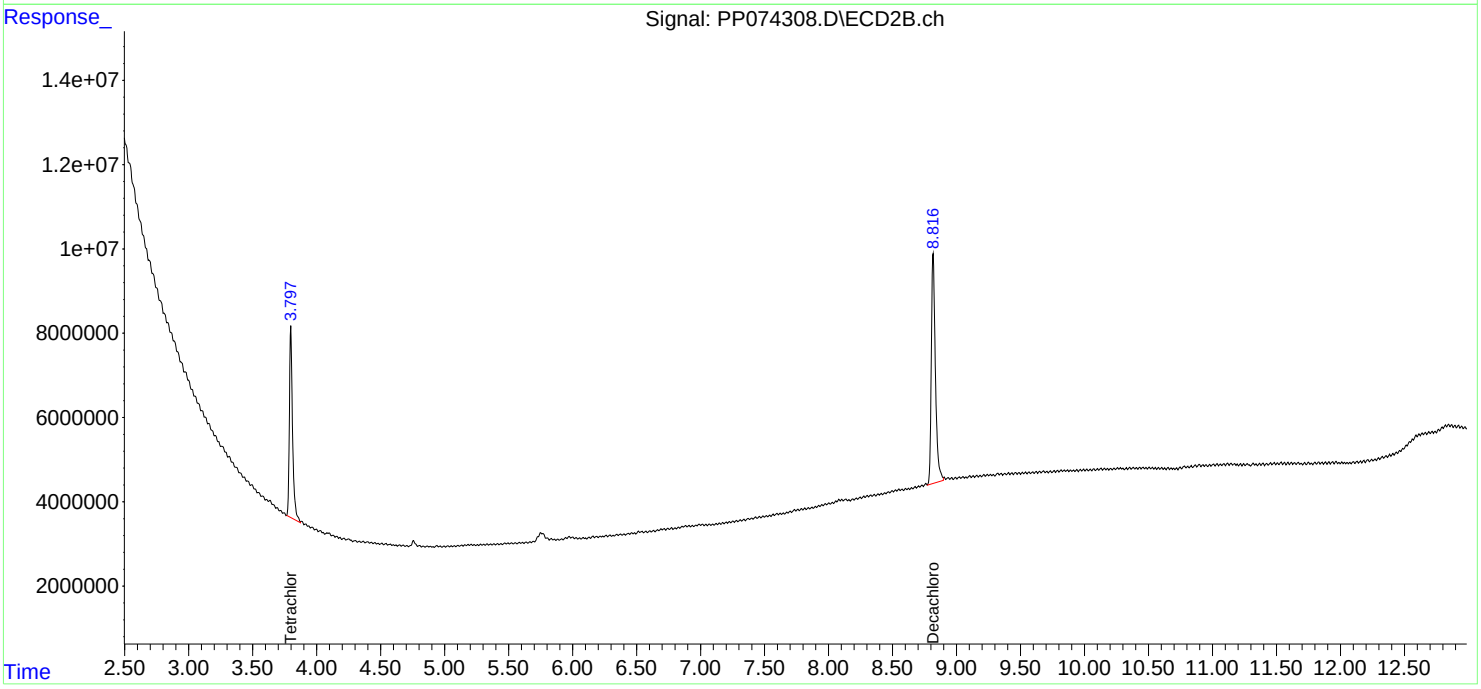
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 12:48
Operator : YP\AJ
Sample : PB169205BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

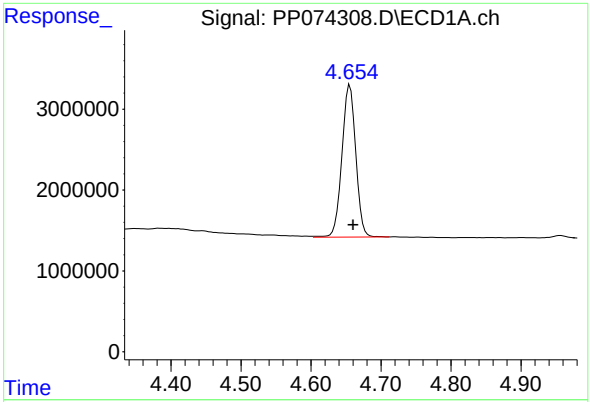
Instrument :
ECD_P
ClientSampleId :
PB169205BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:26 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



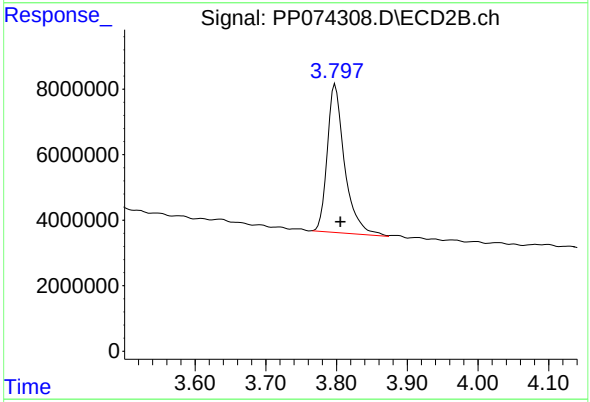




#1 Tetrachloro-m-xylene

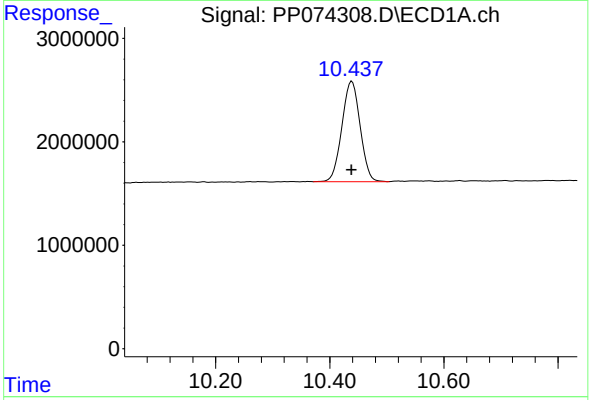
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 25834612
Conc: 23.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BL



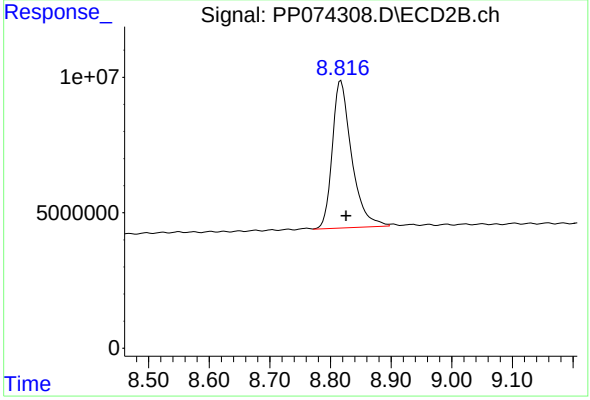
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 77167851
Conc: 20.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.000 min
Response: 21524564
Conc: 22.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: -0.009 min
Response: 120583654
Conc: 20.05 ng/ml

Raw Data: **PO112413.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/23/25
Project:	USACE018-44 DOD	Date Received:	07/23/25
Client Sample ID:	PIBLK-PO112413.D	SDG No.:	Q2819
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						

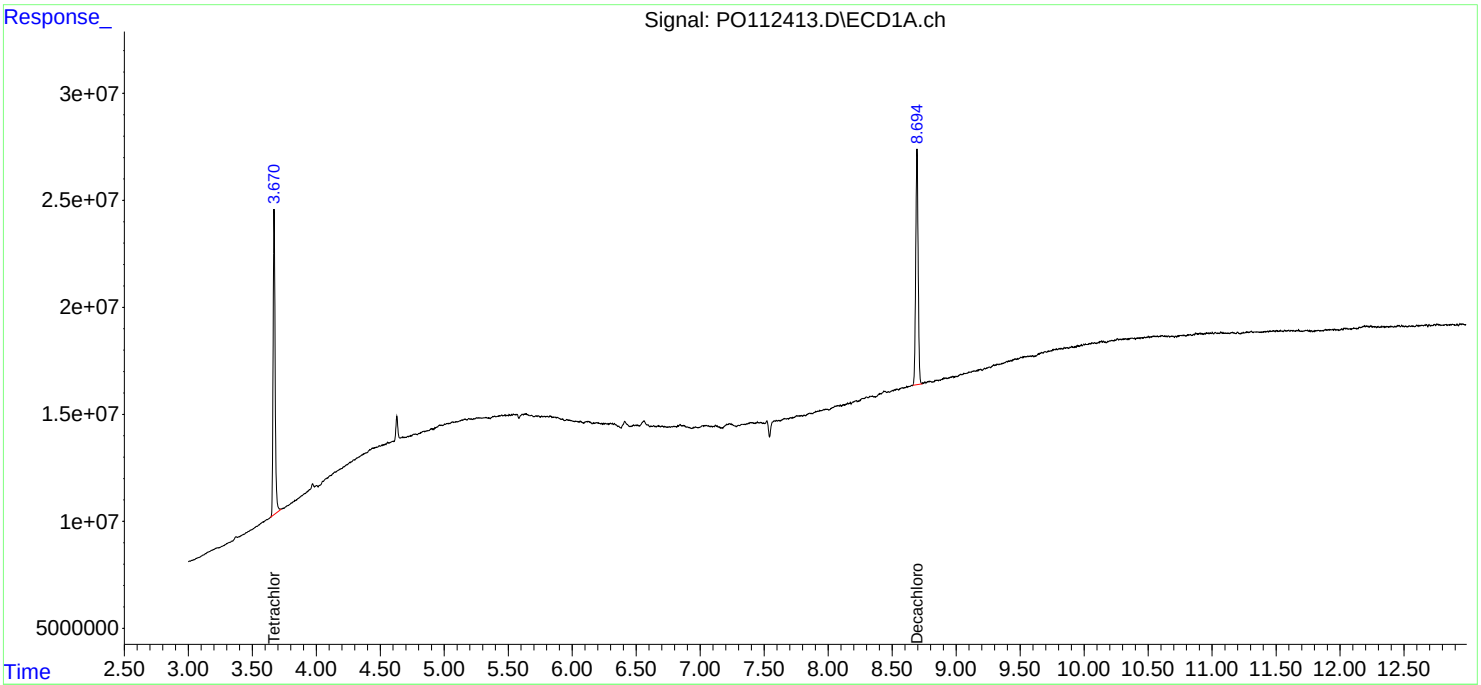
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

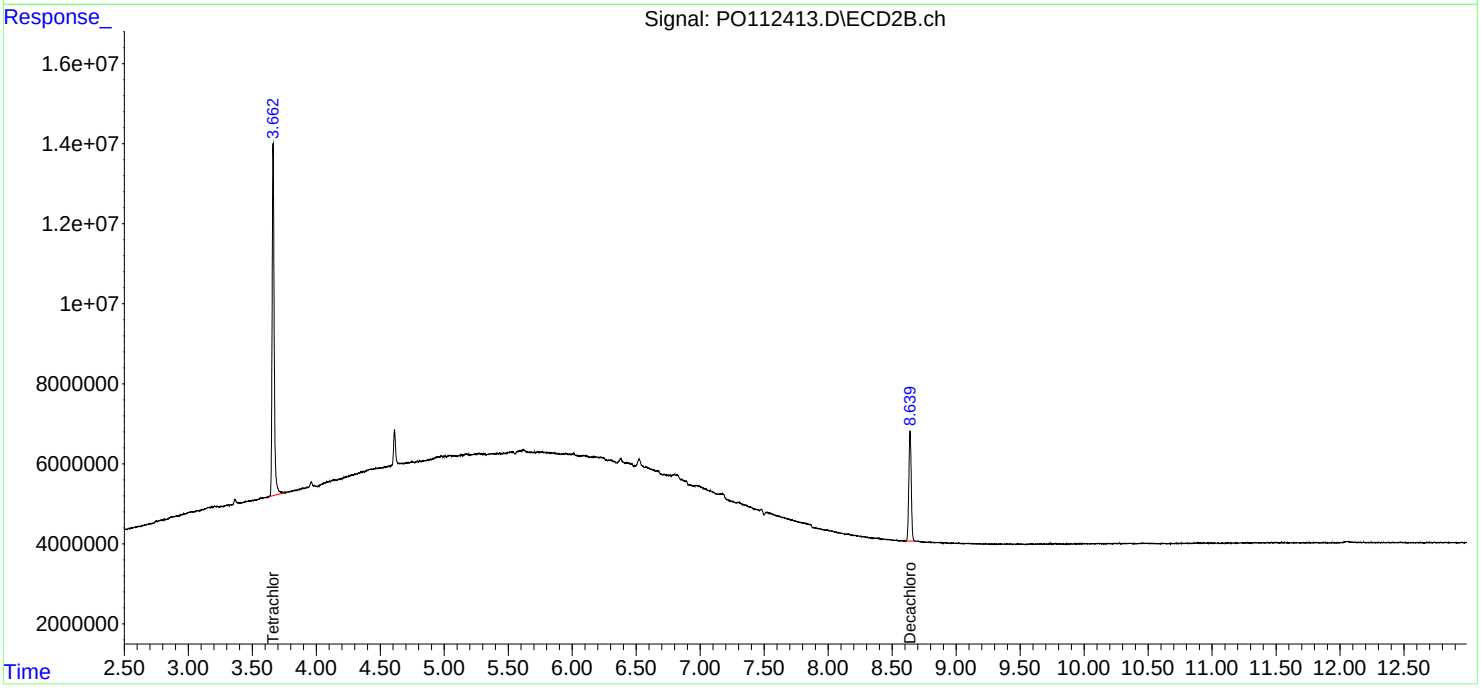
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 11:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

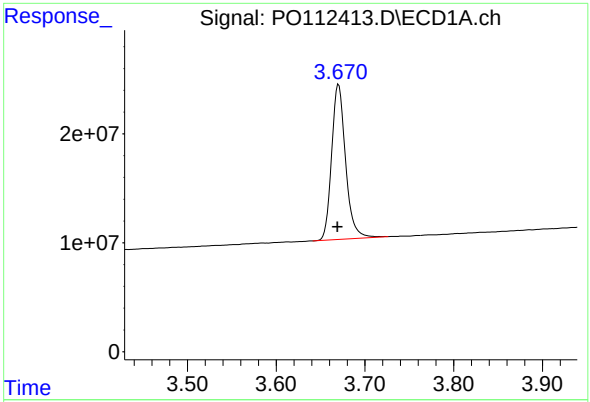
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



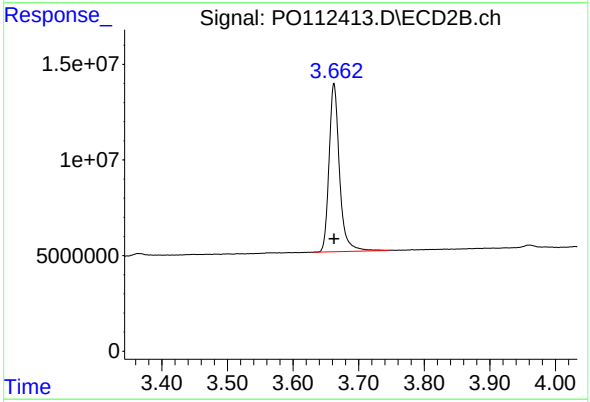




#1 Tetrachloro-m-xylene

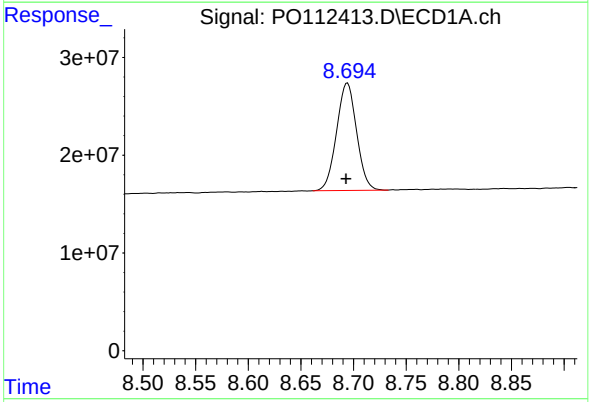
R.T.: 3.670 min
Delta R.T.: 0.001 min
Response: 155090113
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



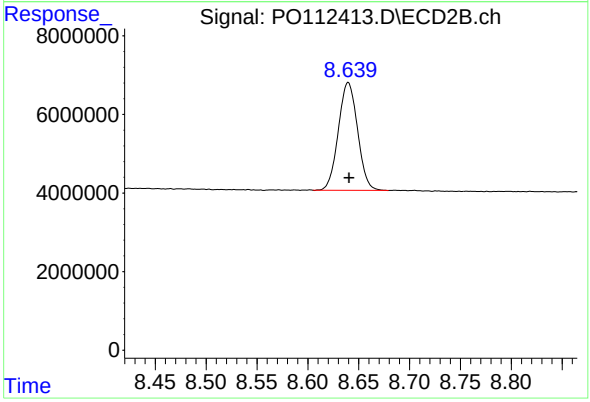
#1 Tetrachloro-m-xylene

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: **PO112854.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/12/25
Project:	USACE018-44 DOD	Date Received:	08/12/25
Client Sample ID:	PIBLK-PO112854.D	SDG No.:	Q2819
Lab Sample ID:	I.BLK-PO112854.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
PO112854.D	1		08/12/25	PO081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.5		60 - 140		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140		86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 10:05
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 12 11:05:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.658	170.0E6	101.6E6	20.911	20.456
2)	SA Decachlor...	8.685	8.632	126.0E6	36010722	17.231	20.378
	Target Compounds						

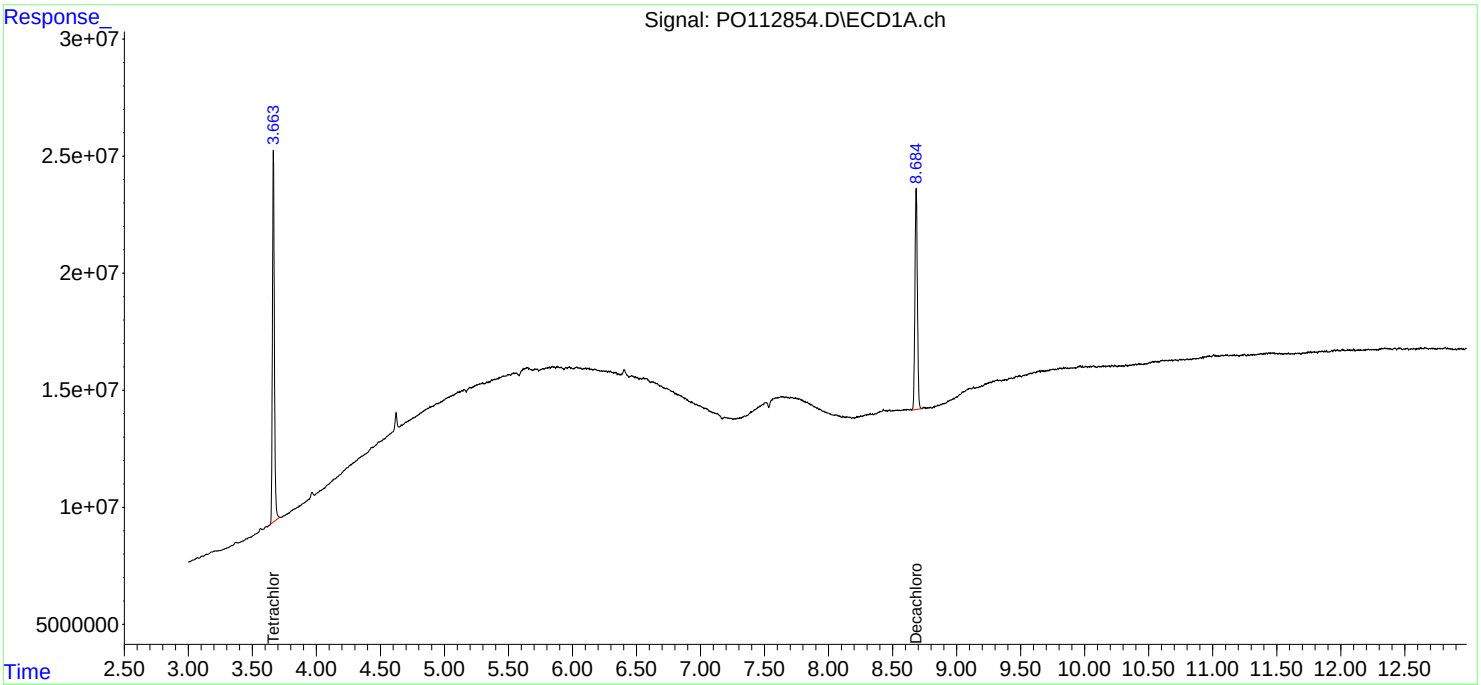
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

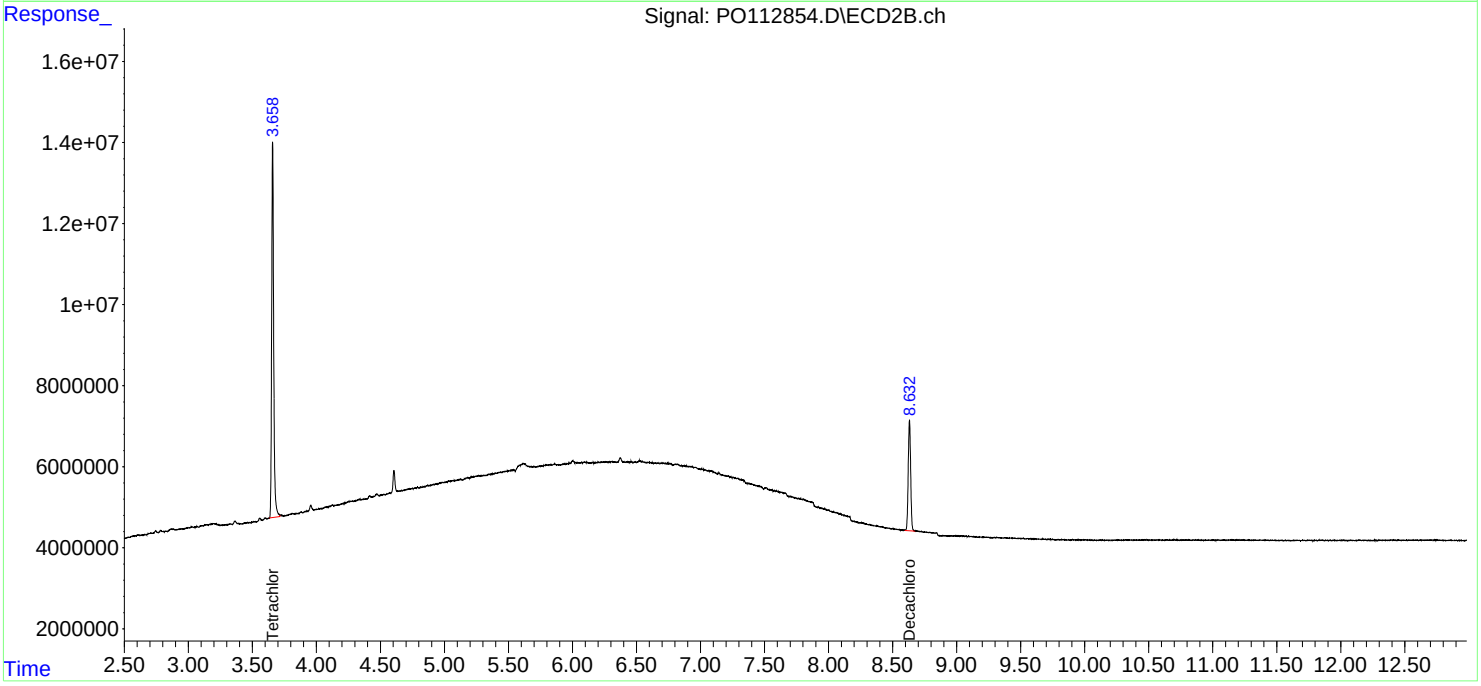
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 10:05
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

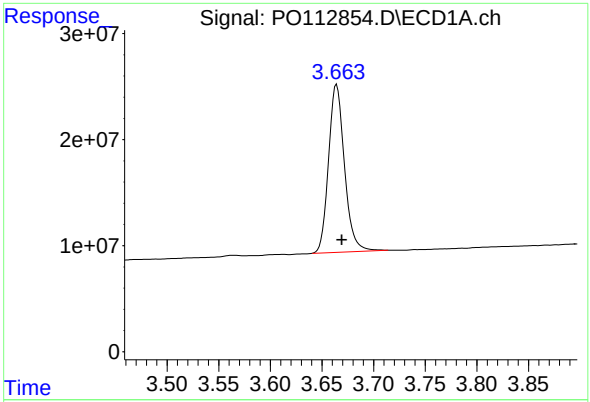
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 11:05:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



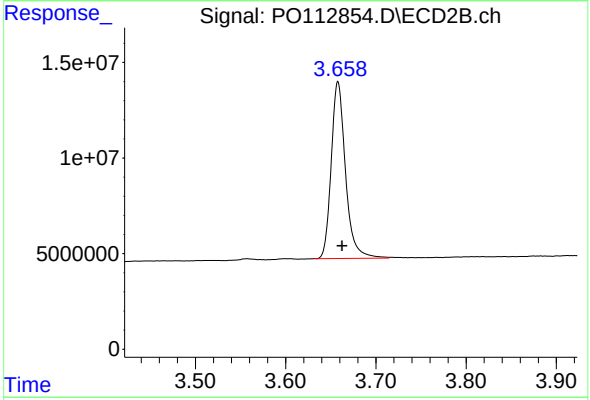




#1 Tetrachloro-m-xylene

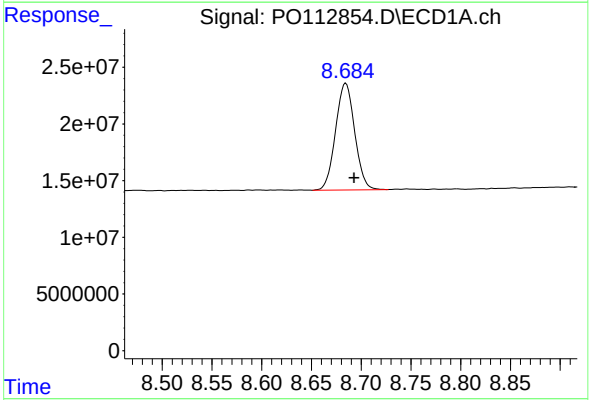
R.T.: 3.664 min
Delta R.T.: -0.005 min
Response: 170038746
Conc: 20.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



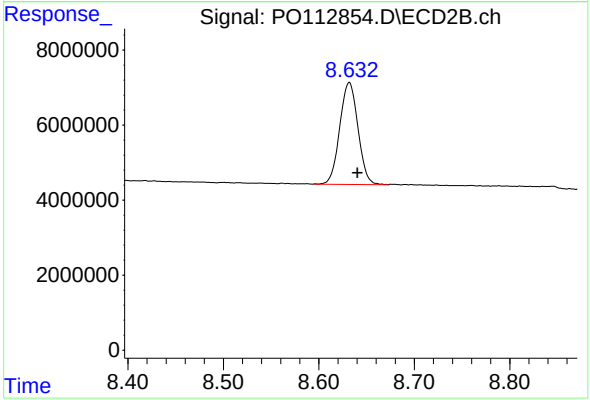
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 101647548
Conc: 20.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 125986606
Conc: 17.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 36010722
Conc: 20.38 ng/ml

Raw Data: **PO112869.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/12/25
Project:	USACE018-44 DOD	Date Received:	08/12/25
Client Sample ID:	PIBLK-PO112869.D	SDG No.:	Q2819
Lab Sample ID:	I.BLK-PO112869.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
PO112869.D	1		08/12/25	po081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.3		60 - 140		102%	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\PO081225\
Data File : PO112869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 17:00
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 13 01:40:19 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	168.1E6	101.0E6	20.674	20.323
2)	SA Decachlor...	8.688	8.633	140.3E6	36246288	19.192	20.512
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

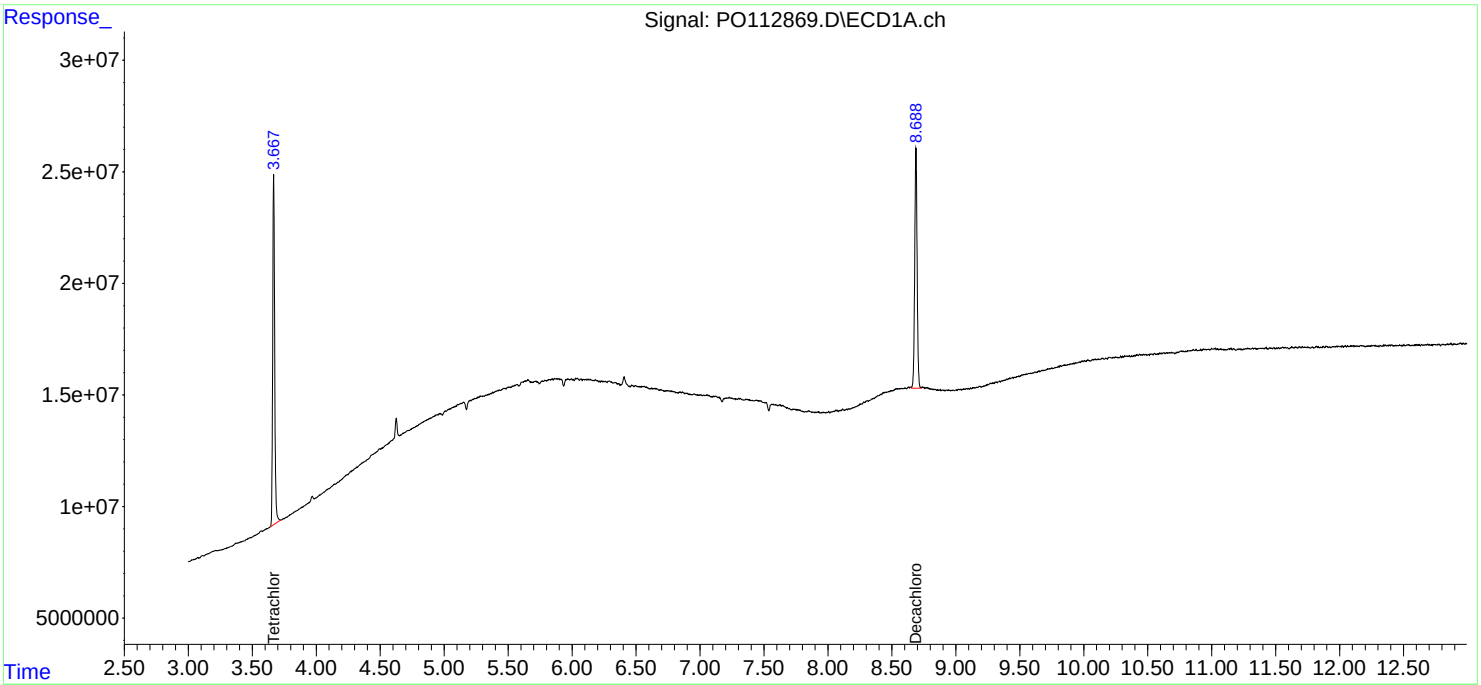
Sample Results: **PO112869.D**

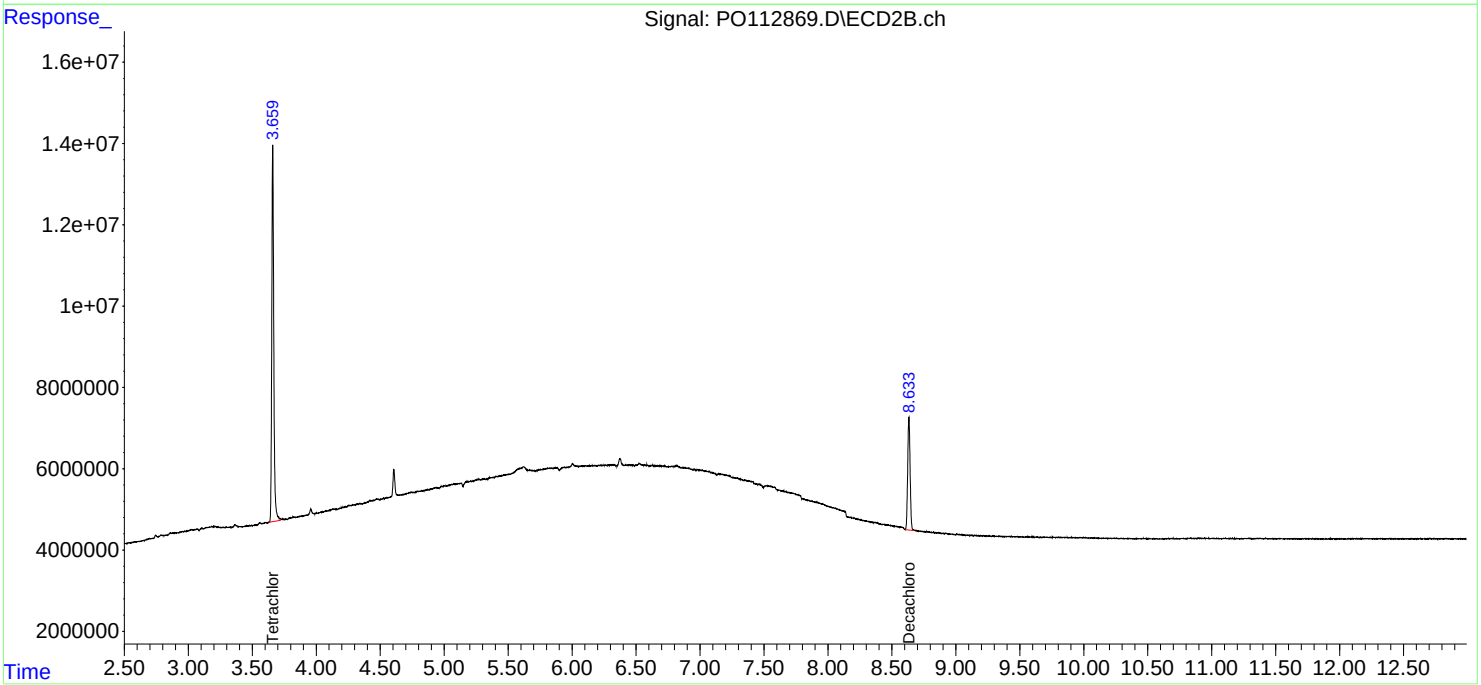
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 17:00
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

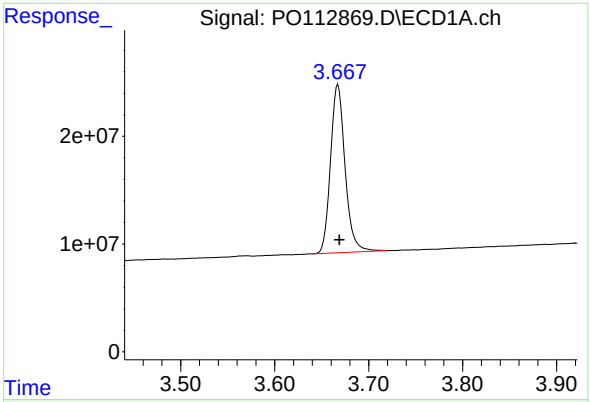
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:40:19 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



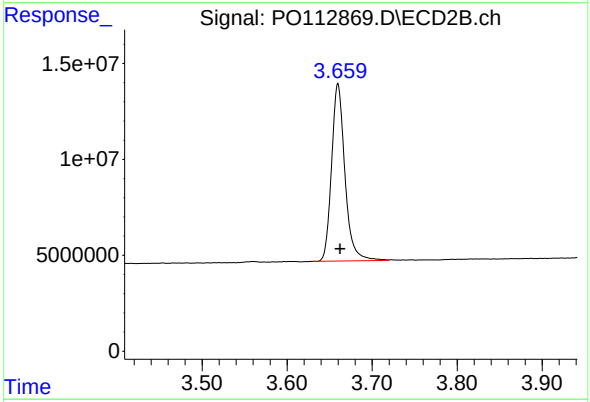




#1 Tetrachloro-m-xylene

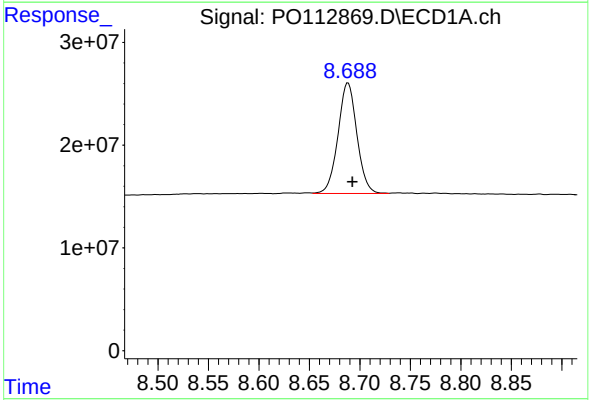
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 168114131
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



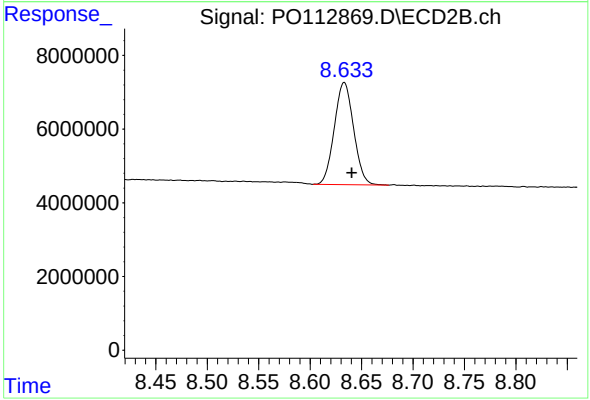
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 100987501
Conc: 20.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.004 min
Response: 140325611
Conc: 19.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 36246288
Conc: 20.51 ng/ml

Raw Data: **PP074167.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/01/25
Project:	USACE018-44 DOD	Date Received:	08/01/25
Client Sample ID:	PIBLK-PP074167.D	SDG No.:	Q2819
Lab Sample ID:	I.BLK-PP074167.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074167.D	1		08/01/25	PP080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140		93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP074167.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.803	21300659	66146859	19.047	17.251
2)	SA Decachlor...	10.435	8.825	19096192	112.2E6	19.663	18.655
	Target Compounds						

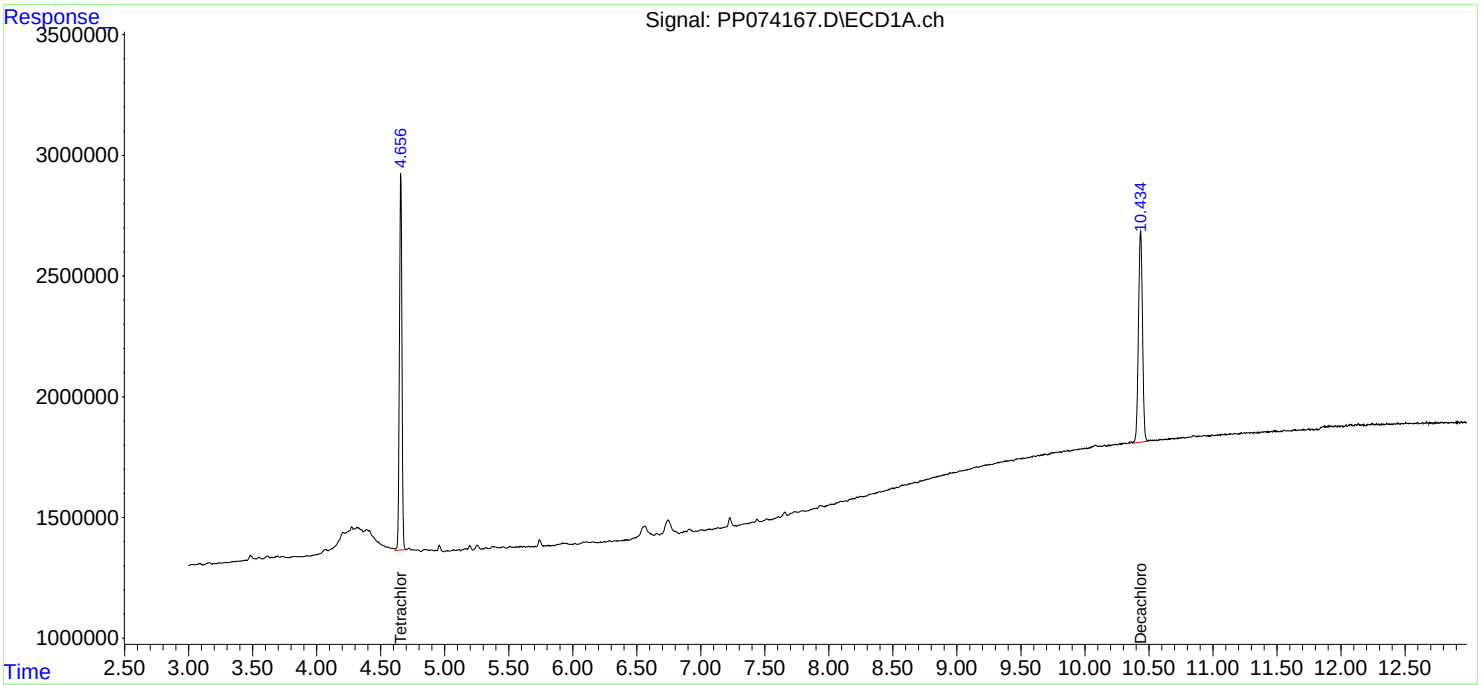
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

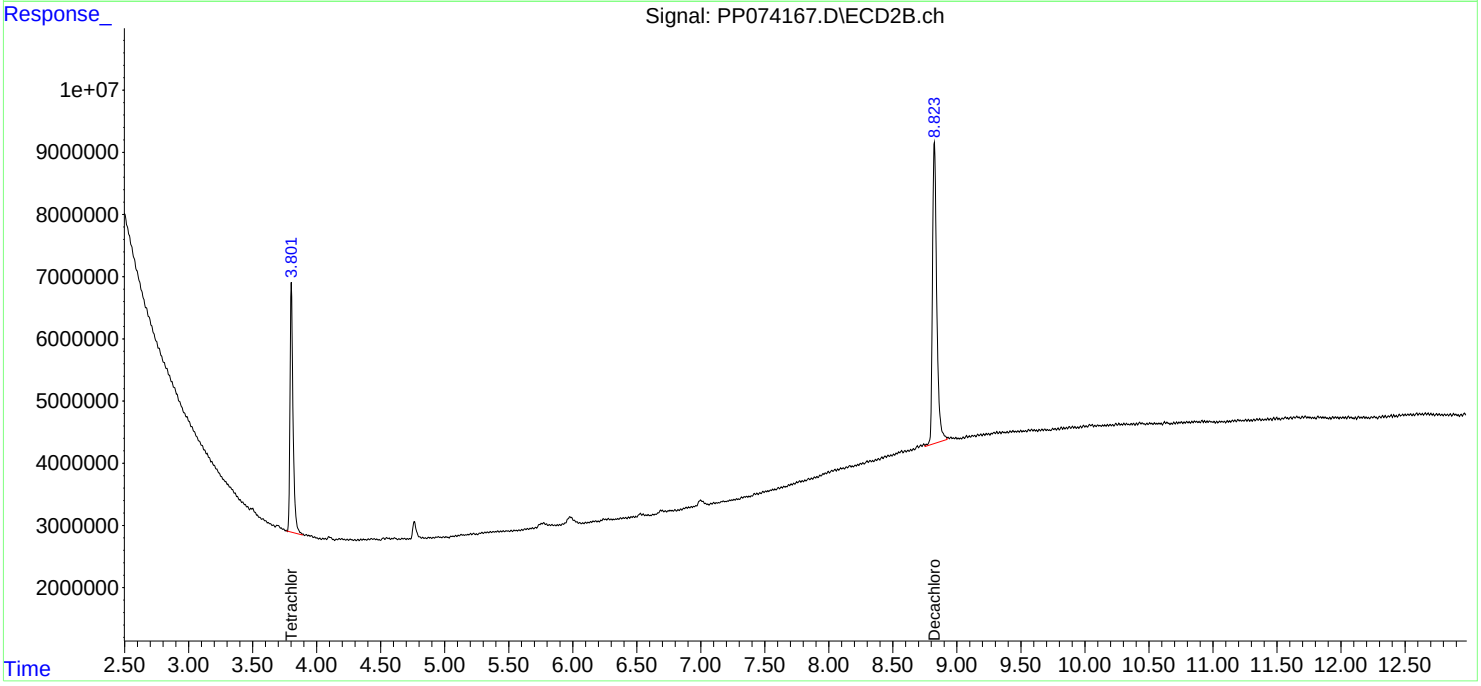
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

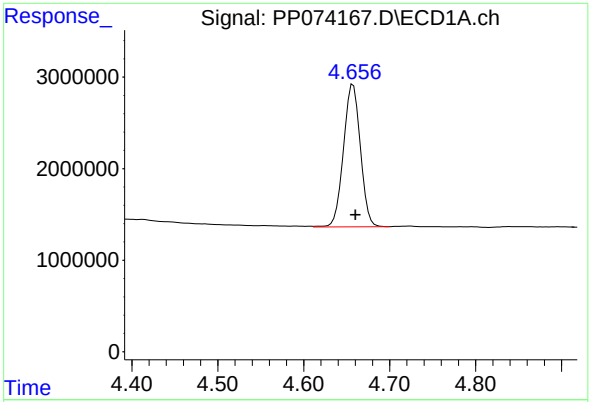
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



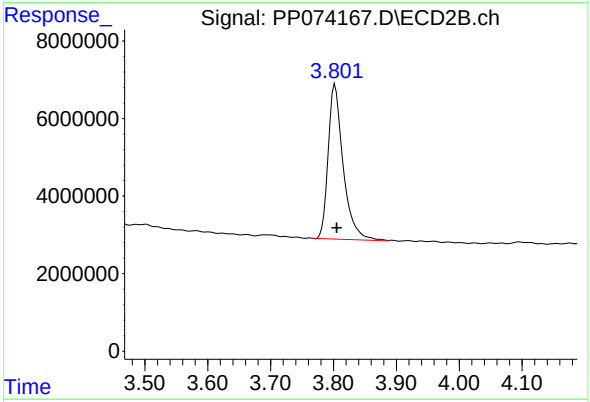




#1 Tetrachloro-m-xylene

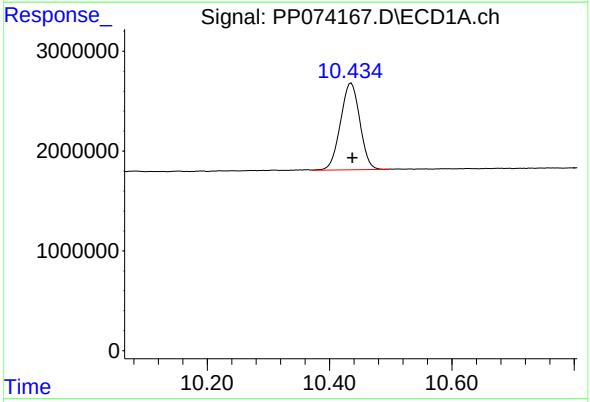
R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 21300659
Conc: 19.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



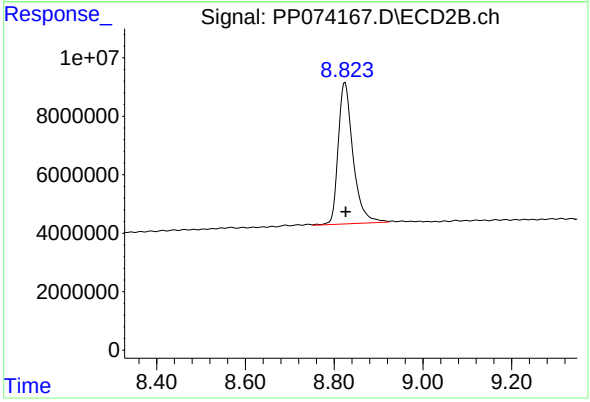
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 66146859
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.002 min
Response: 19096192
Conc: 19.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 112184396
Conc: 18.66 ng/ml

Raw Data: **PP074305.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/12/25
Project:	USACE018-44 DOD	Date Received:	08/12/25
Client Sample ID:	PIBLK-PP074305.D	SDG No.:	Q2819
Lab Sample ID:	I.BLK-PP074305.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
PP074305.D	1		08/12/25	PP081225

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		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		60 - 140		93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP074305.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 10:43
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 12 11:31:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.661	3.805	24597780	75474847	21.996	19.683
2)	SA Decachlor...	10.437	8.822	20447388	111.5E6	21.055	18.538
	Target Compounds						

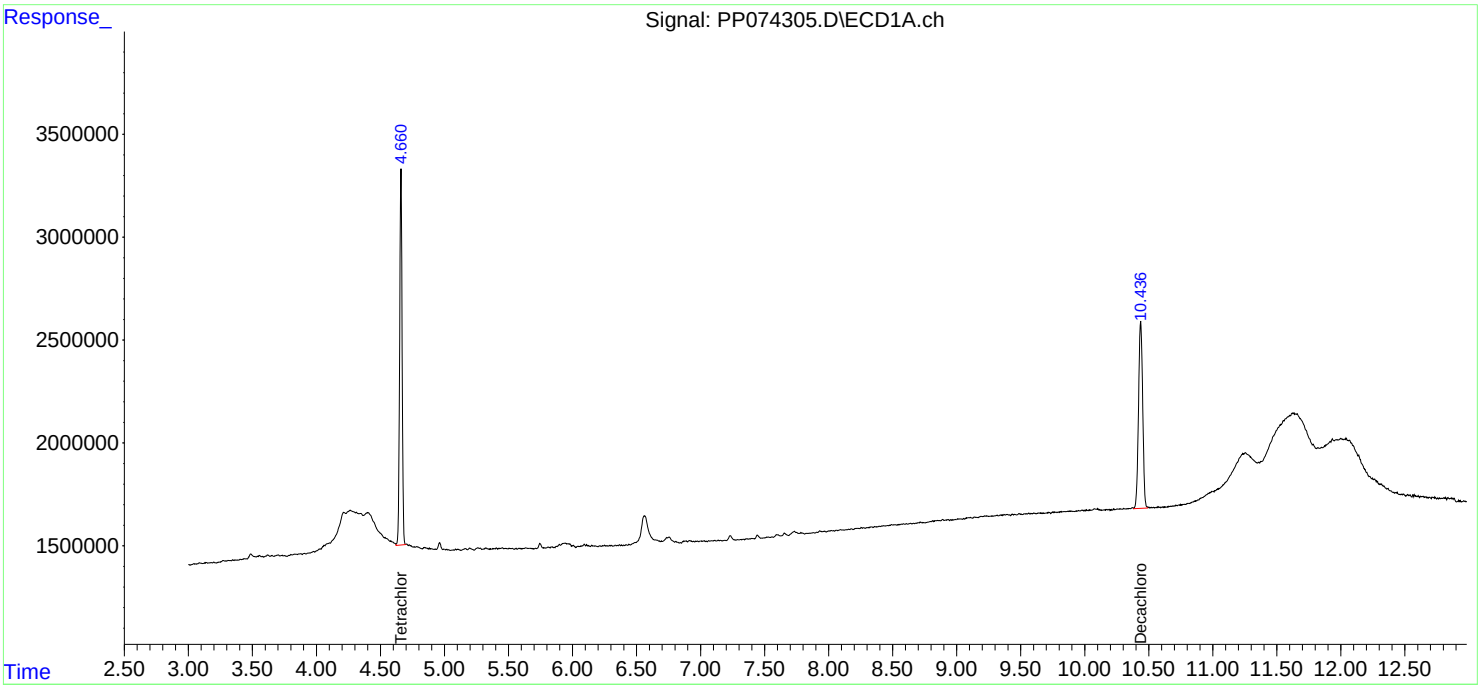
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

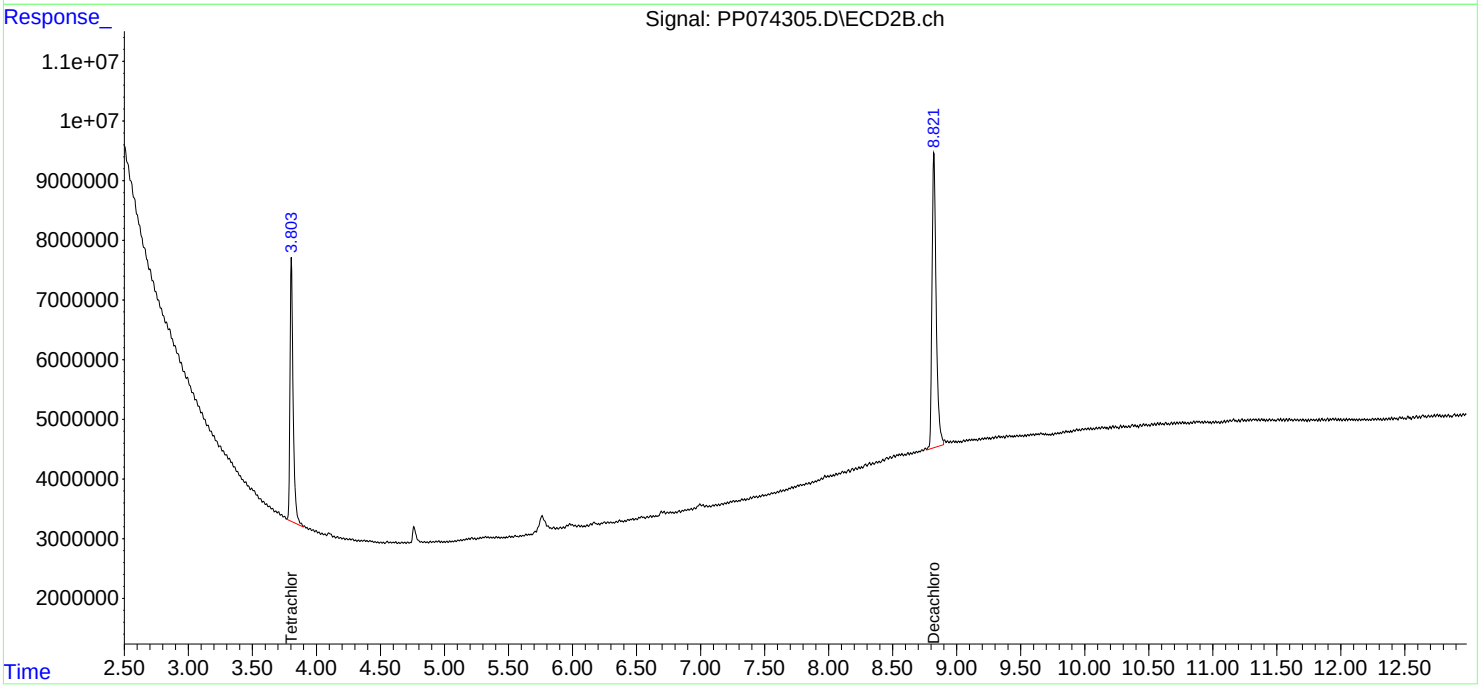
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 10:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

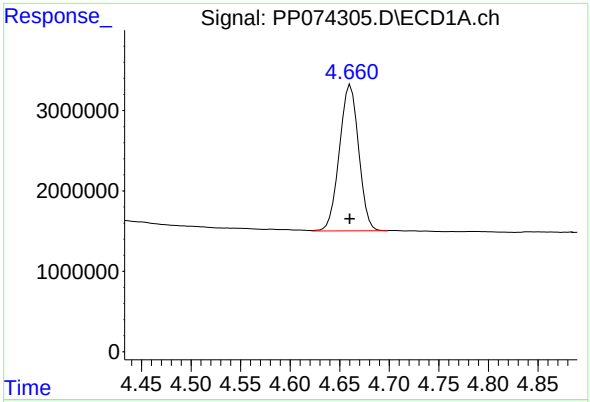
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 11:31:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



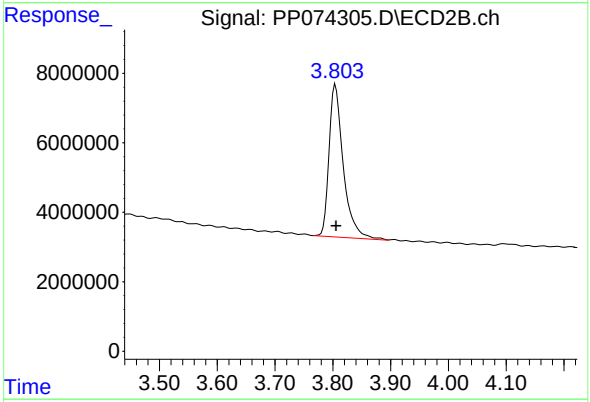




#1 Tetrachloro-m-xylene

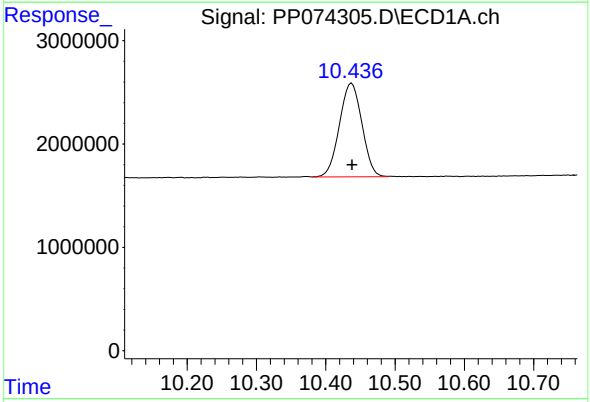
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 24597780
Conc: 22.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



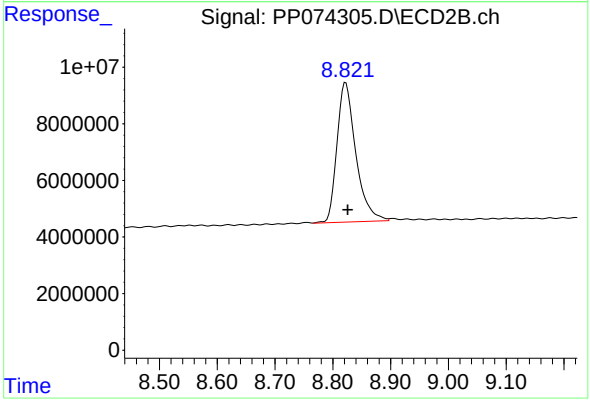
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 75474847
Conc: 19.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 20447388
Conc: 21.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 111481904
Conc: 18.54 ng/ml

Raw Data: **PP074319.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/12/25
Project:	USACE018-44 DOD	Date Received:	08/12/25
Client Sample ID:	PIBLK-PP074319.D	SDG No.:	Q2819
Lab Sample ID:	I.BLK-PP074319.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
PP074319.D	1		08/12/25	pp081225

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	19.8		60 - 140		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 140		99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 16:53
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 13 01:54:48 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...	4.657	3.800	25617664	75726237	22.908	19.749
2)	SA Decachlor...	10.433	8.818	21108609	119.3E6	21.735	19.843
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

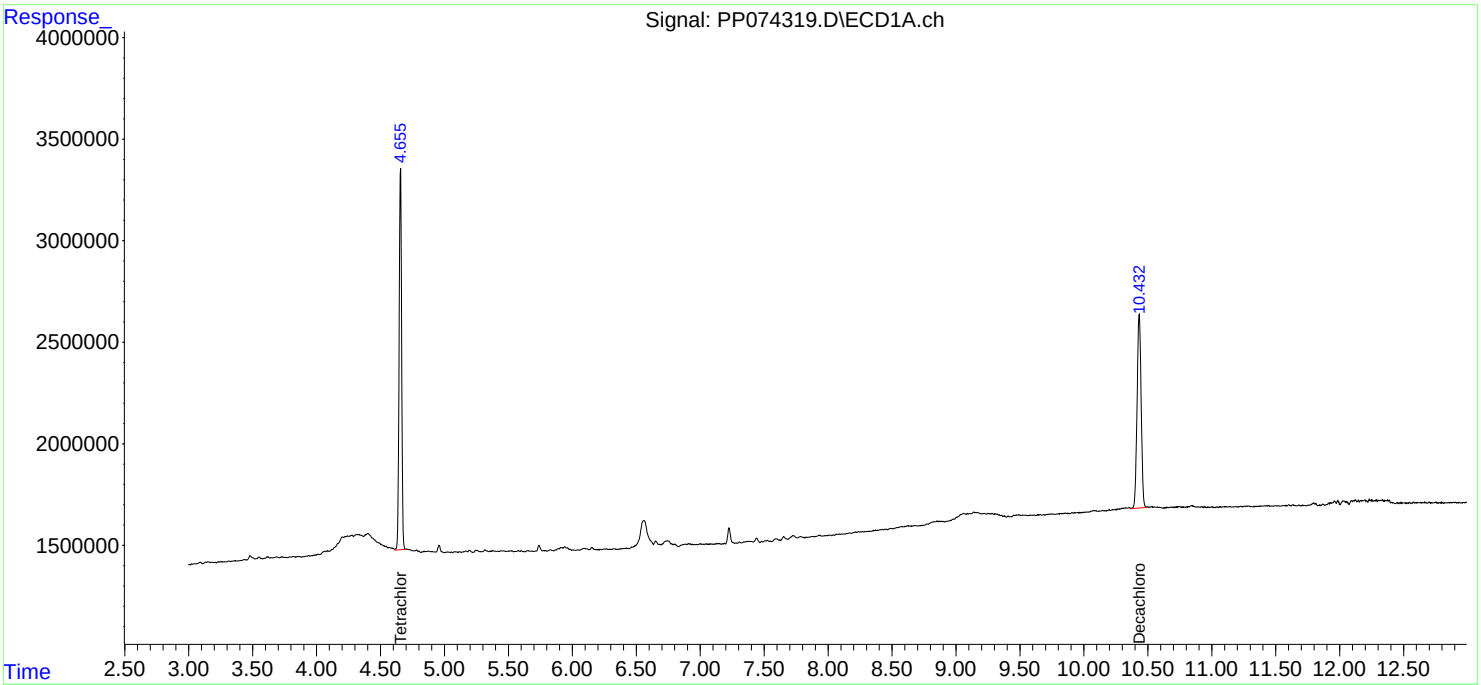
Sample Results: **PP074319.D**

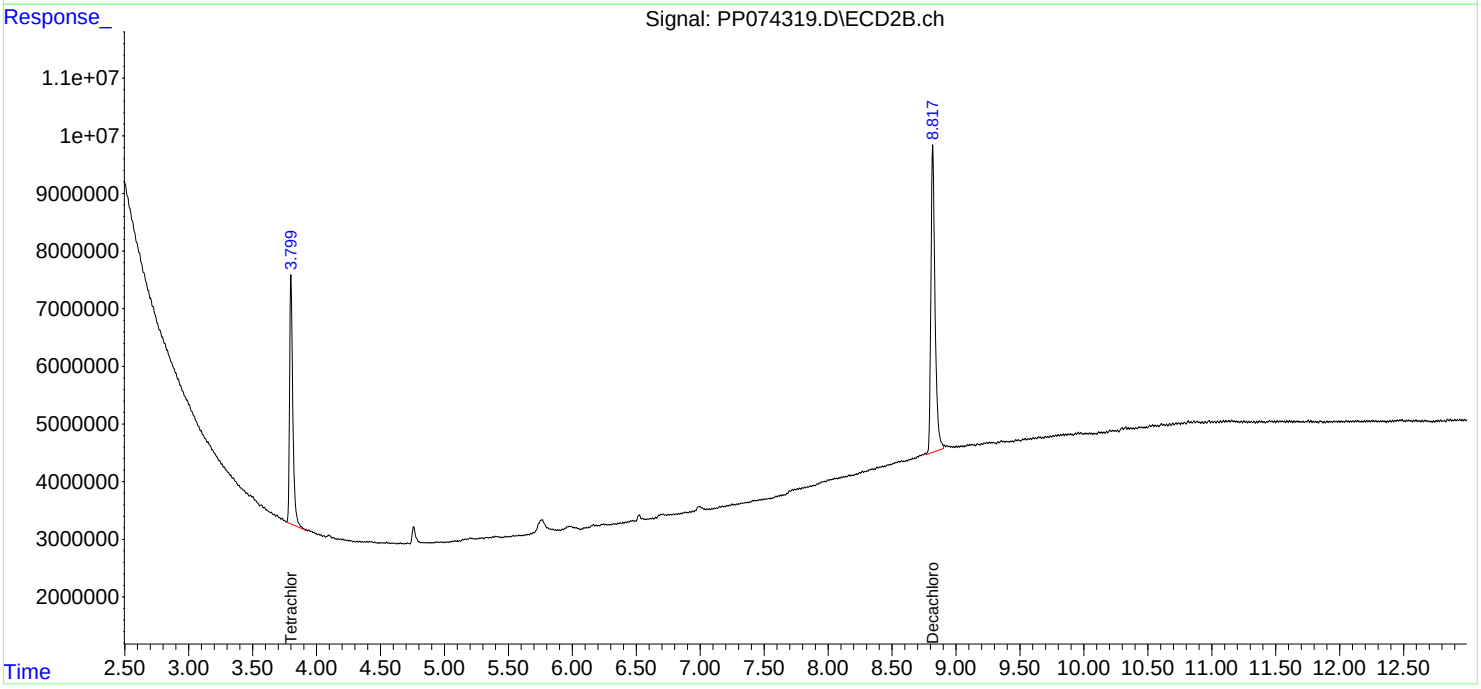
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 16:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

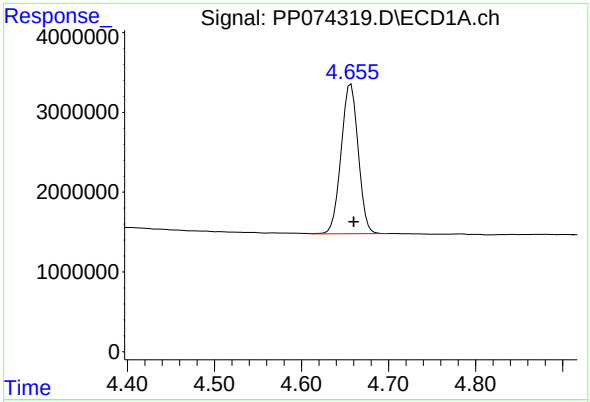
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:54:48 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



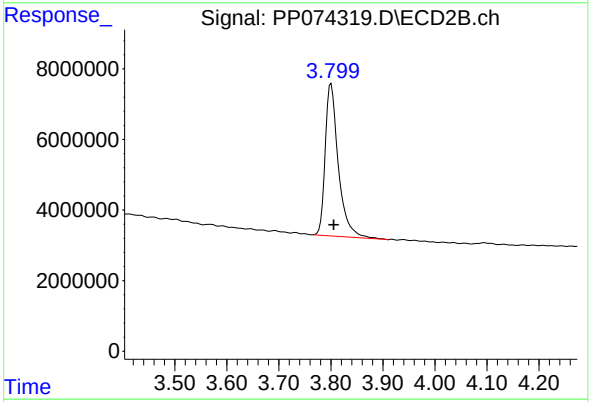




#1 Tetrachloro-m-xylene

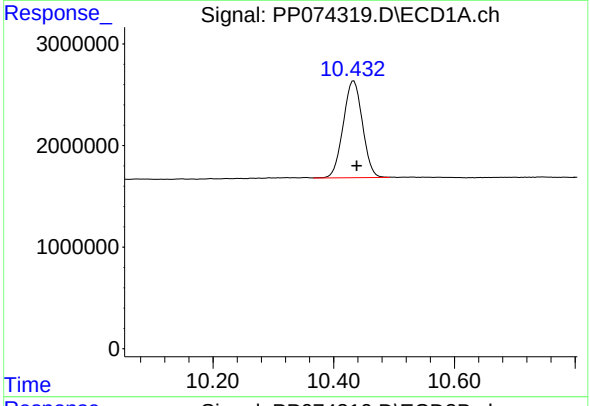
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 25617664
Conc: 22.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



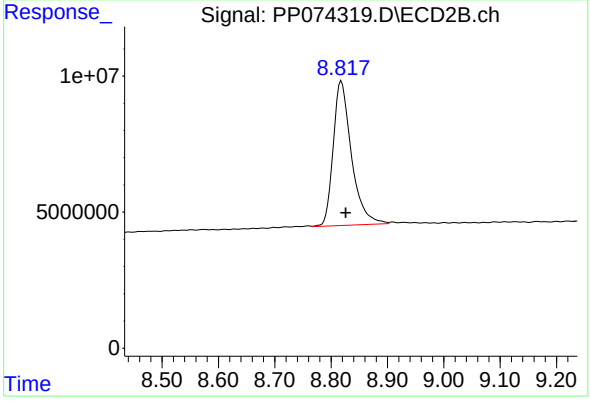
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 75726237
Conc: 19.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.005 min
Response: 21108609
Conc: 21.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: -0.008 min
Response: 119328926
Conc: 19.84 ng/ml

Raw Data: **PP074309.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	USACE018-44 DOD	Date Received:	
Client Sample ID:	PB169205BS	SDG No.:	Q2819
Lab Sample ID:	PB169205BS	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
PP074309.D	1	08/12/25 08:15	08/12/25 13:05	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	185		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	180		3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.3		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.5		60 - 125		112%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169205BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	27178701	79780335	24.303	20.806
2)	SA Decachlor...	10.438	8.821	21836747	120.3E6	22.485	20.000
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.902	22669527	228.6E6	549.474	573.187
4)	L1 AR-1016-2	5.830	4.959	34110297	104.5E6	561.563	556.666
5)	L1 AR-1016-3	5.893	5.080	22276842	56001049	561.688	527.965
6)	L1 AR-1016-4	5.990	5.121	18317589	56446484	562.848	516.814
7)	L1 AR-1016-5	6.283	5.334	17574695	66942868	541.292	572.341
31)	L7 AR-1260-1	7.401	6.551	31033148	236.1E6	550.662	584.486
32)	L7 AR-1260-2	7.653	6.706	36070118	182.5E6	529.257	583.716
33)	L7 AR-1260-3	8.012	6.915	24314378	204.9E6	456.215	519.977
34)	L7 AR-1260-4	8.238	7.175	30953569	149.4E6	494.348m	513.385
35)	L7 AR-1260-5	8.566	7.415	51128845	382.8E6	451.250	505.423

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

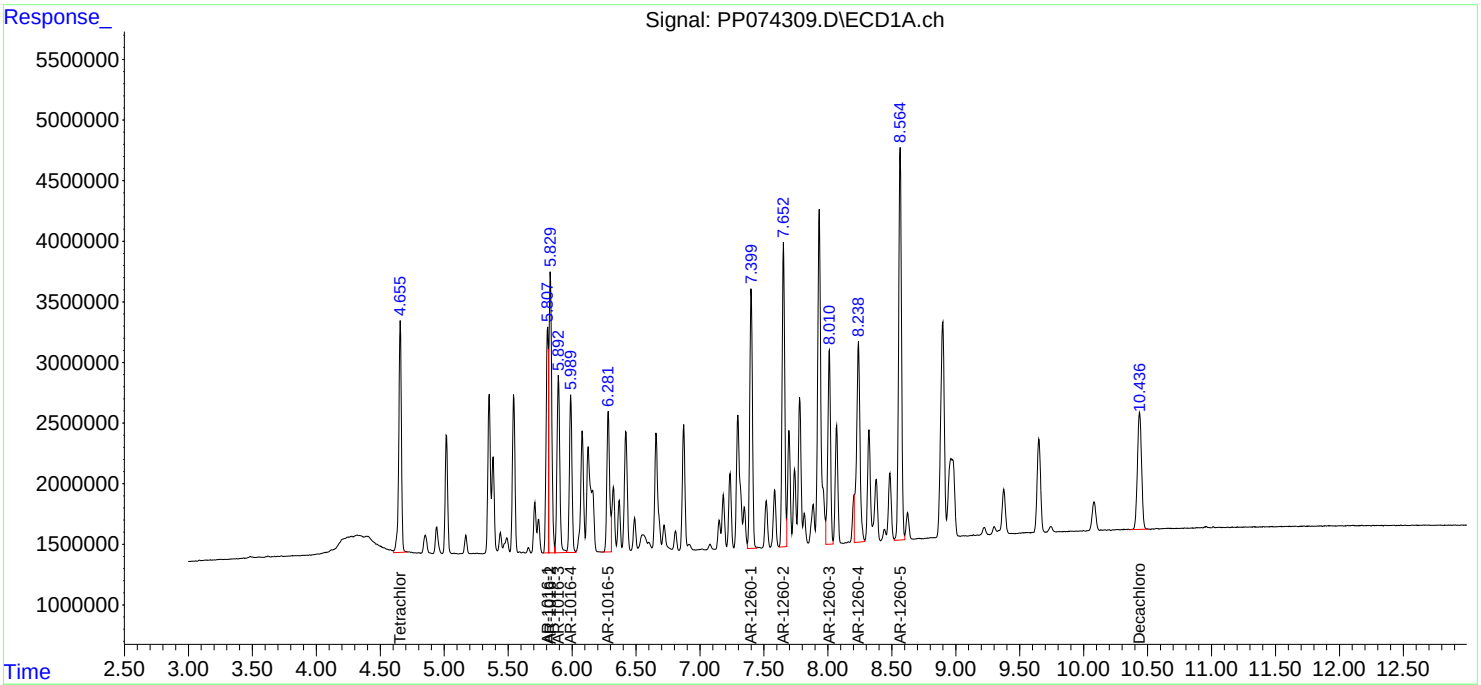
Instrument :
ECD_P
ClientSampleId :
PB169205BS

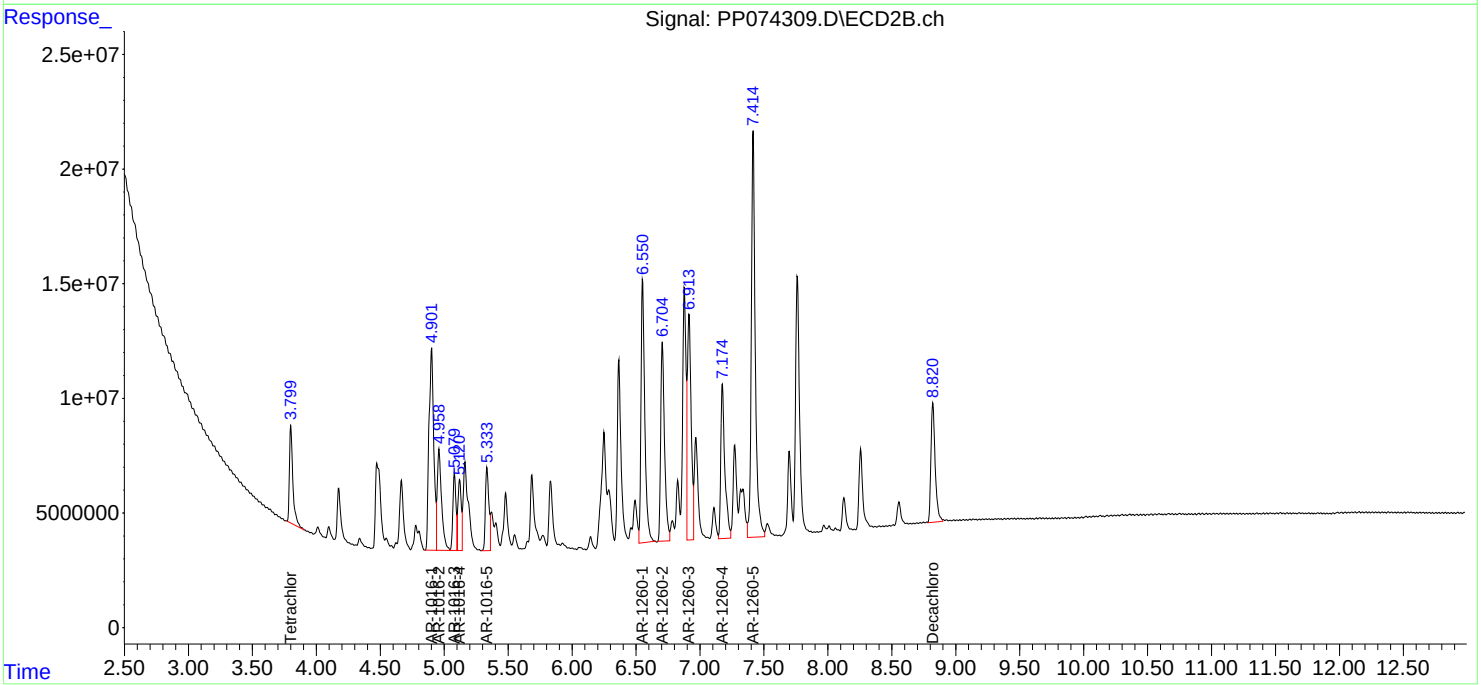
Manual Integrations APPROVED

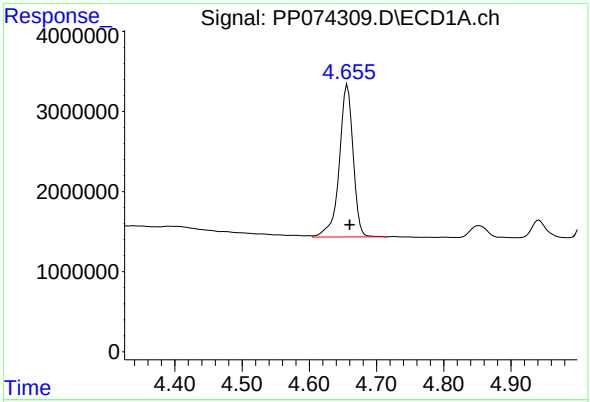
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







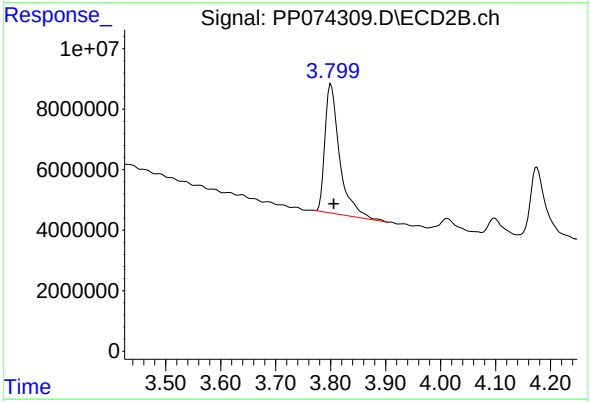
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 27178701
Conc: 24.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS

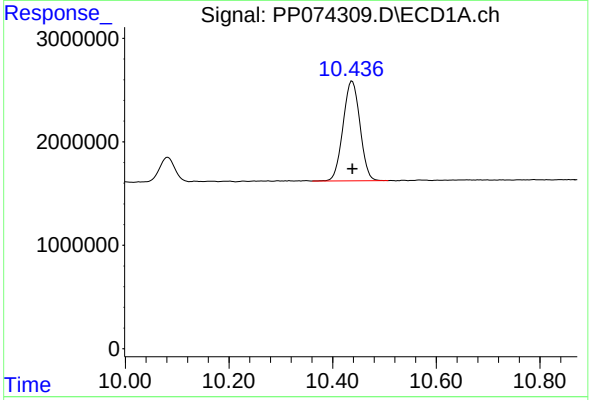
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



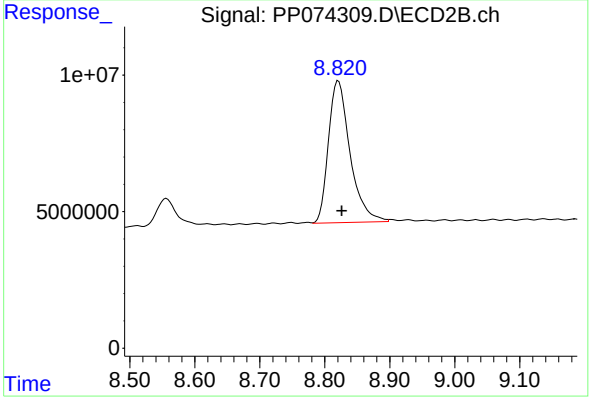
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 79780335
Conc: 20.81 ng/ml



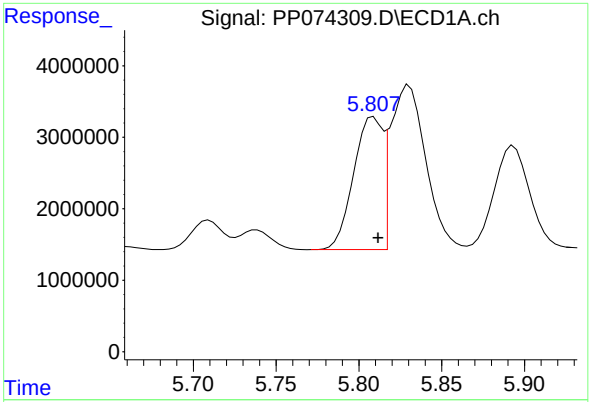
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 21836747
Conc: 22.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: -0.005 min
Response: 120271397
Conc: 20.00 ng/ml



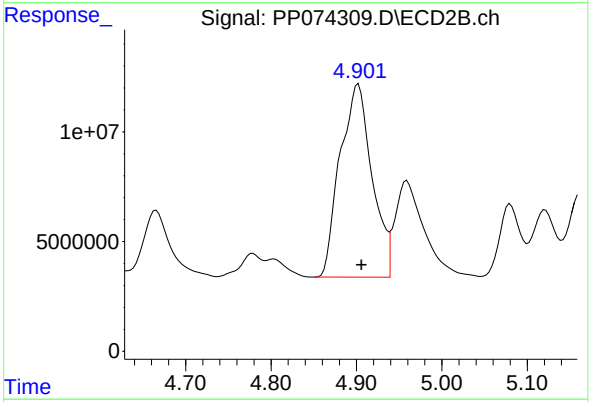
#3 AR-1016-1

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 22669527
Conc: 549.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS

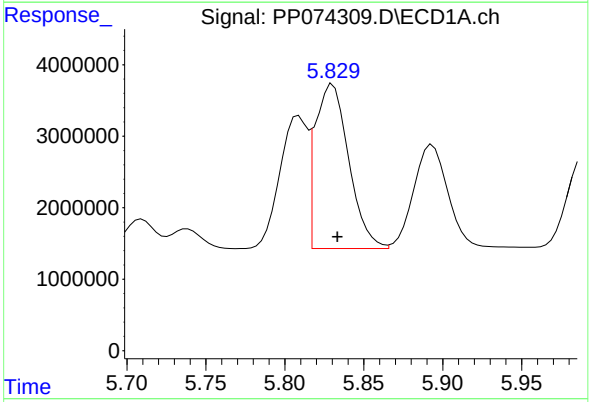
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



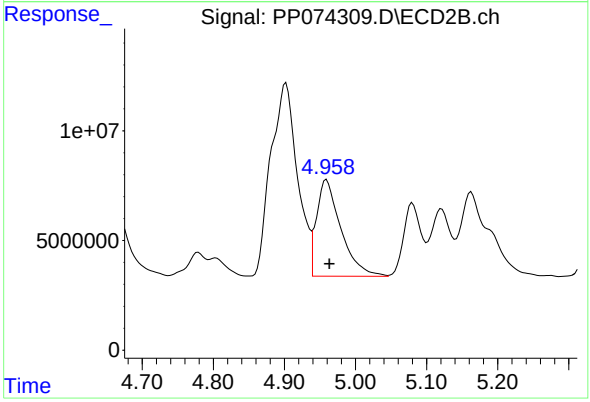
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 228636880
Conc: 573.19 ng/ml



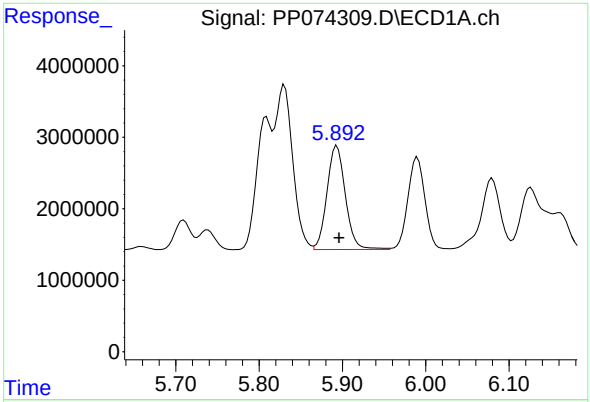
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 34110297
Conc: 561.56 ng/ml



#4 AR-1016-2

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 104546878
Conc: 556.67 ng/ml



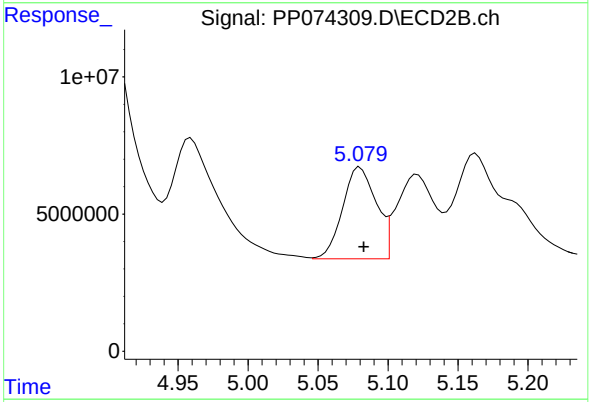
#5 AR-1016-3

R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 22276842
Conc: 561.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS

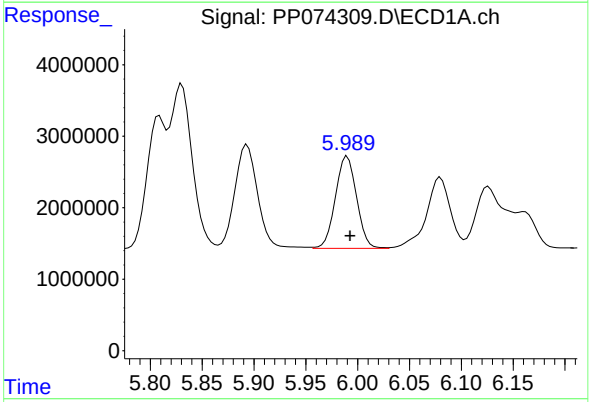
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



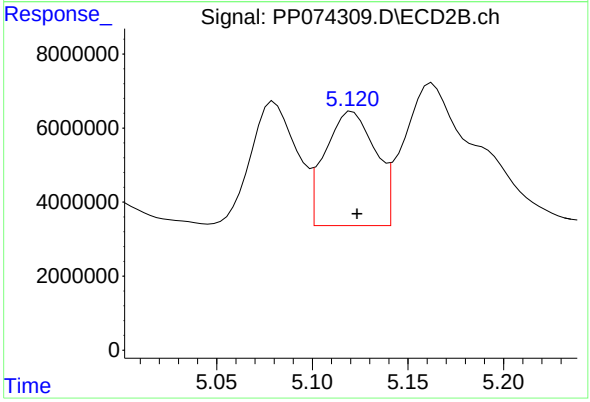
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 56001049
Conc: 527.96 ng/ml



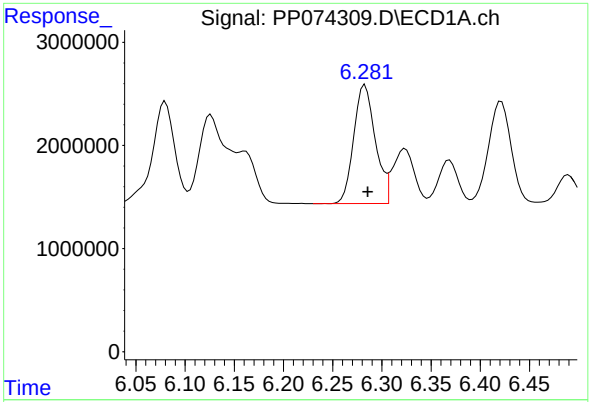
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 18317589
Conc: 562.85 ng/ml



#6 AR-1016-4

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 56446484
Conc: 516.81 ng/ml



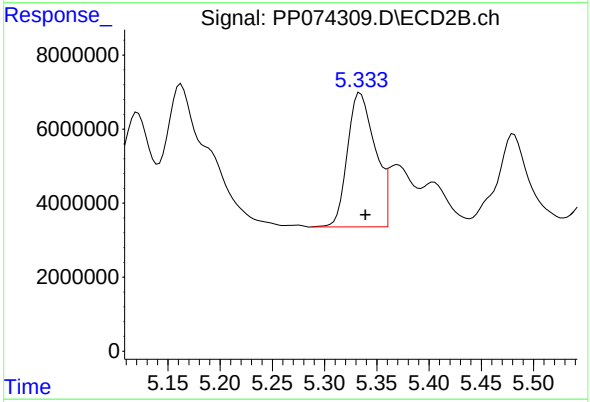
#7 AR-1016-5

R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 17574695
Conc: 541.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS

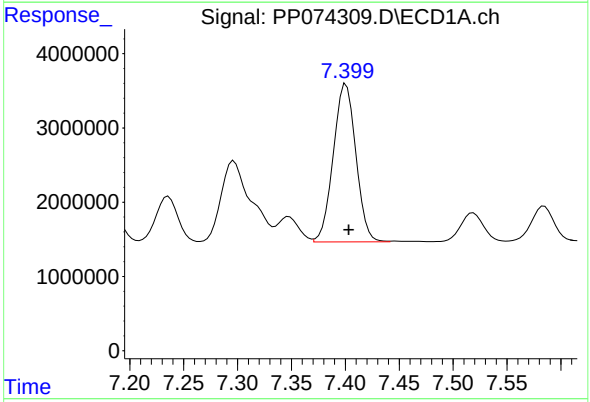
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



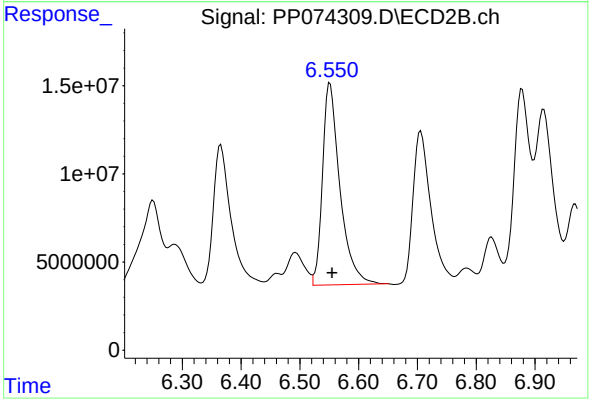
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 66942868
Conc: 572.34 ng/ml



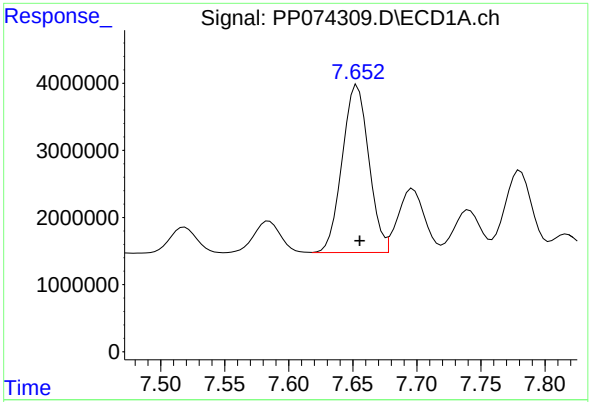
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 31033148
Conc: 550.66 ng/ml



#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 236107273
Conc: 584.49 ng/ml



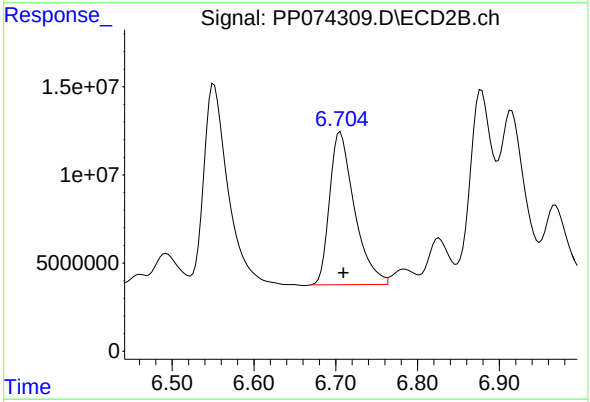
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: -0.002 min
Response: 36070118
Conc: 529.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS

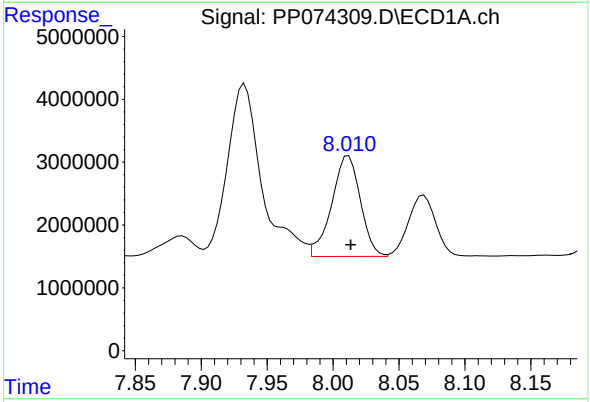
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



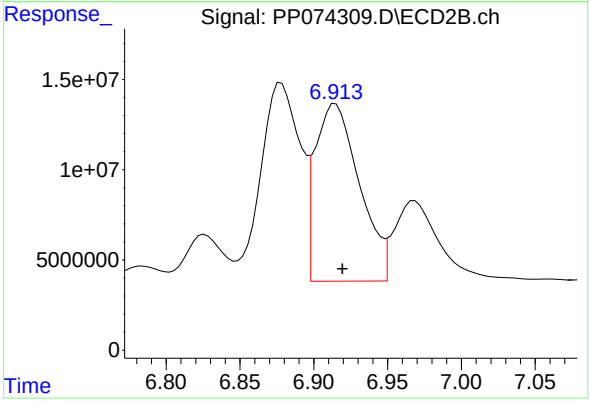
#32 AR-1260-2

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 182527346
Conc: 583.72 ng/ml



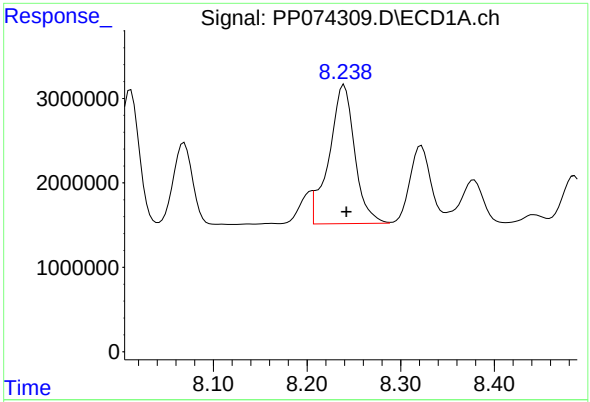
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 24314378
Conc: 456.21 ng/ml



#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 204932581
Conc: 519.98 ng/ml



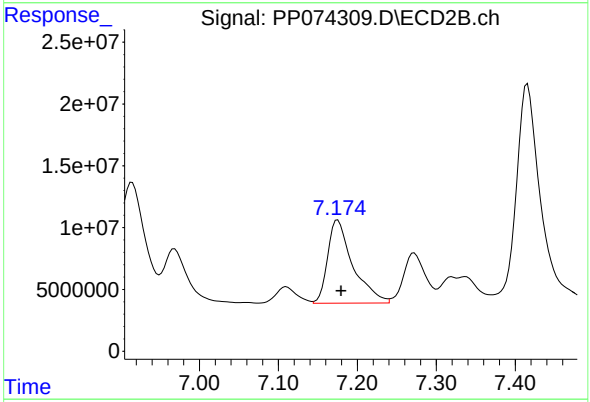
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: -0.004 min
Response: 30953569
Conc: 494.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS

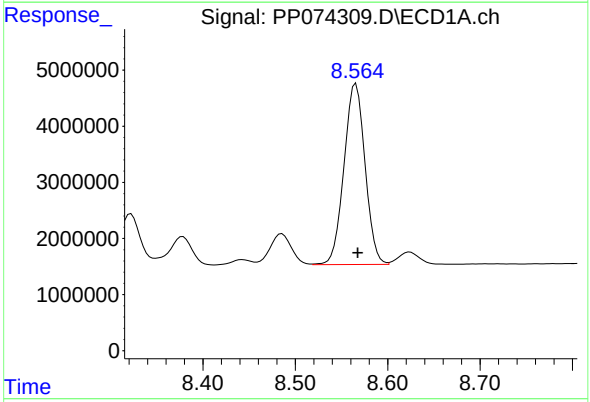
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



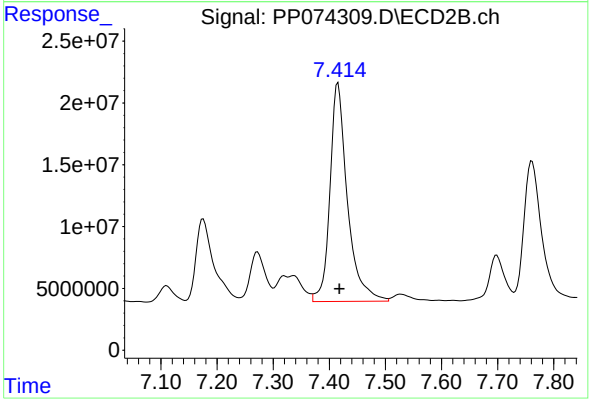
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 149384307
Conc: 513.38 ng/ml



#35 AR-1260-5

R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 51128845
Conc: 451.25 ng/ml



#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 382812137
Conc: 505.42 ng/ml

Raw Data: **PP074311.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/11/25
Project:	USACE018-44 DOD	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-SOUTH-EASTMS	SDG No.:	Q2819
Lab Sample ID:	Q2830-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9 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
PP074311.D	1	08/12/25 08:15	08/12/25 13:37	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	213		4.50	9.50	19.6	ug/kg
11104-28-2	Aroclor-1221	15.0	U	4.60	15.0	19.6	ug/kg
11141-16-5	Aroclor-1232	9.50	U	4.30	9.50	19.6	ug/kg
53469-21-9	Aroclor-1242	9.50	U	4.60	9.50	19.6	ug/kg
12672-29-6	Aroclor-1248	15.0	U	6.80	15.0	19.6	ug/kg
11097-69-1	Aroclor-1254	9.50	U	3.70	9.50	19.6	ug/kg
37324-23-5	Aroclor-1262	15.0	U	5.80	15.0	19.6	ug/kg
11100-14-4	Aroclor-1268	9.50	U	4.10	9.50	19.6	ug/kg
11096-82-5	Aroclor-1260	181		3.70	9.50	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.5		44 - 130		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 125		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

Quantitation Report (QT Reviewed)

Sample Results: **PP074311.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.800	26250208	84433109	23.473m	22.020
2)	SA Decachlor...	10.437	8.820	19335273	105.2E6	19.909	17.488
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	21480557	221.4E6	520.655	555.093
4)	L1 AR-1016-2	5.831	4.958	31794685	105.4E6	523.441	561.178
5)	L1 AR-1016-3	5.894	5.079	20638950	60560553	520.390	570.951
6)	L1 AR-1016-4	5.991	5.119	17736155	58694992	544.982	537.401
7)	L1 AR-1016-5	6.283	5.334	16474757	64653966	507.414	552.772
31)	L7 AR-1260-1	7.400	6.550	28140334	207.0E6	499.331	512.404
32)	L7 AR-1260-2	7.653	6.704	32575808	157.6E6	477.985	503.902
33)	L7 AR-1260-3	8.012	6.914	21771827	176.5E6	408.508	447.876
34)	L7 AR-1260-4	8.238	7.175	29533684	132.7E6	471.671m	455.876
35)	L7 AR-1260-5	8.566	7.413	45863963	335.1E6	404.784	442.376

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

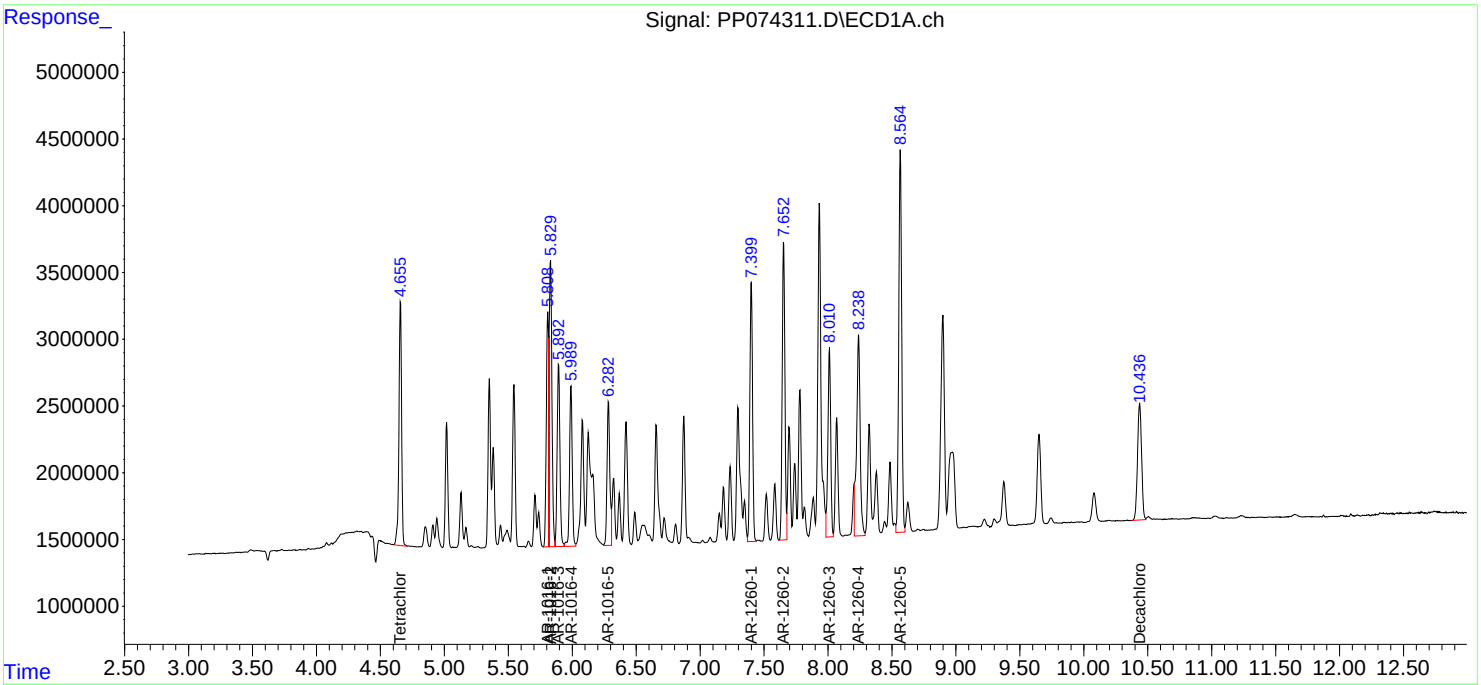
Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

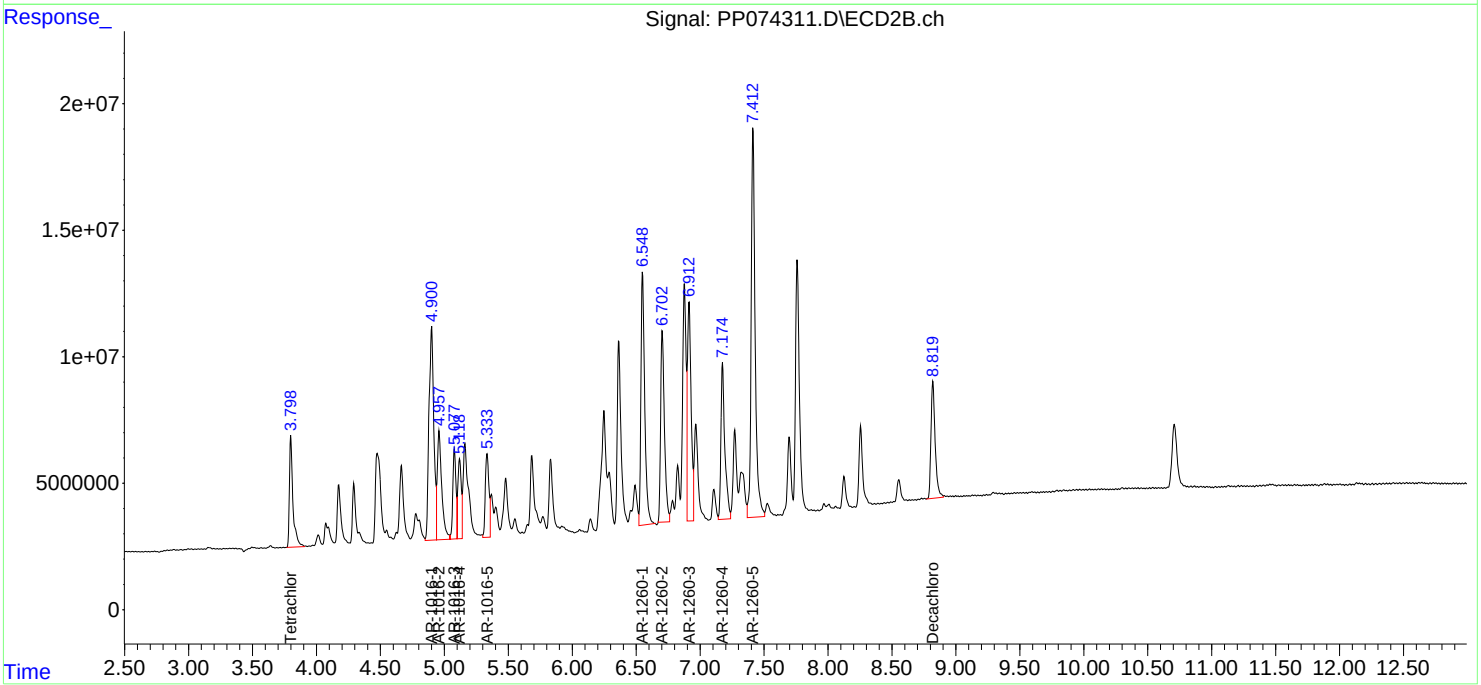
Manual Integrations APPROVED

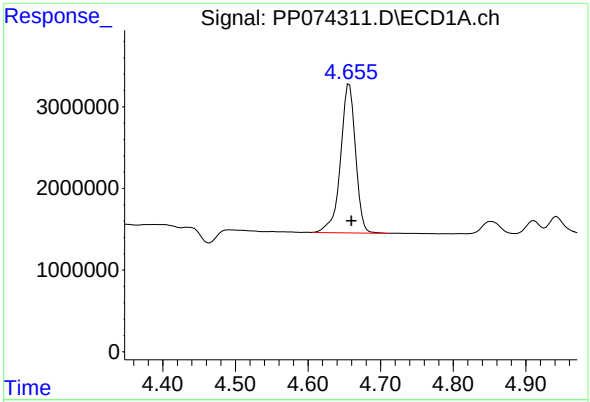
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







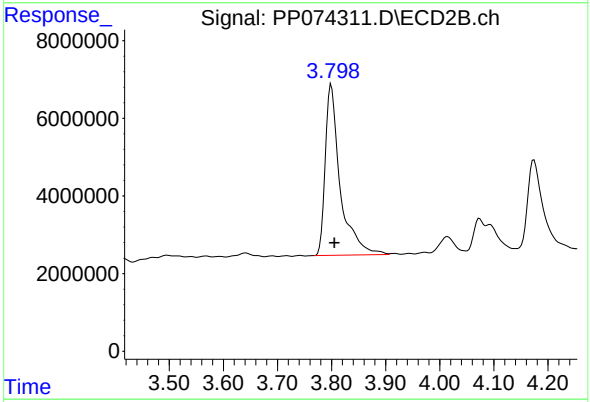
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 26250208
Conc: 23.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

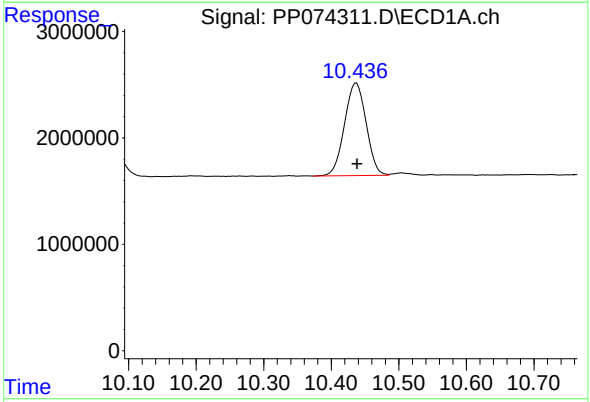
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



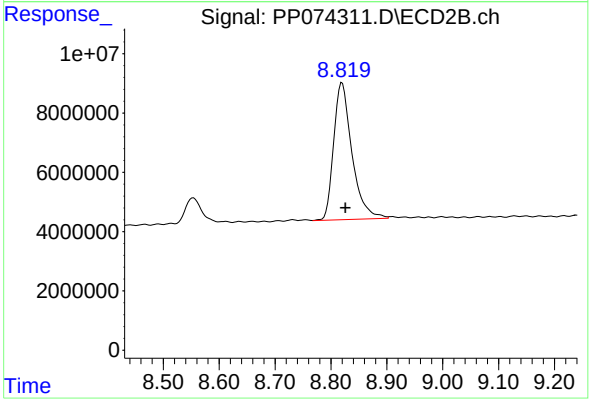
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 84433109
Conc: 22.02 ng/ml



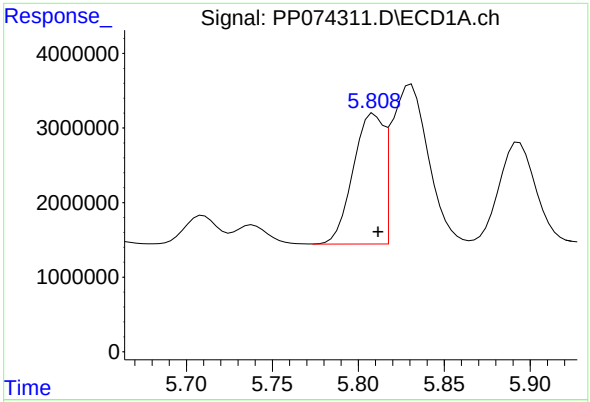
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 19335273
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 105164574
Conc: 17.49 ng/ml



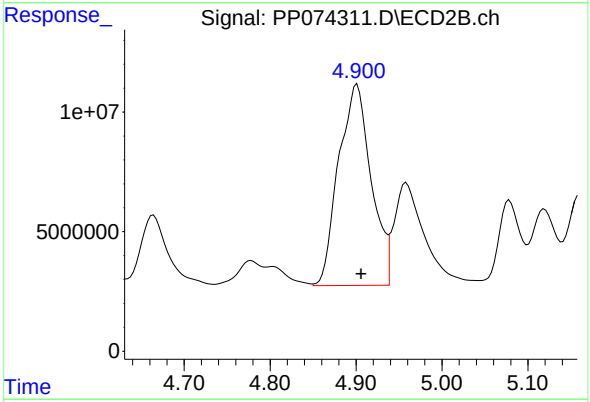
#3 AR-1016-1

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 21480557
Conc: 520.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

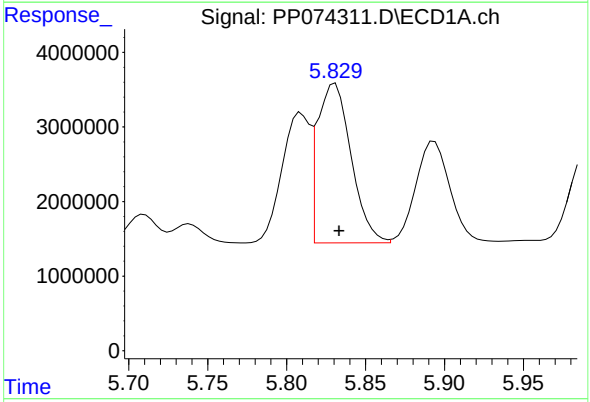
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



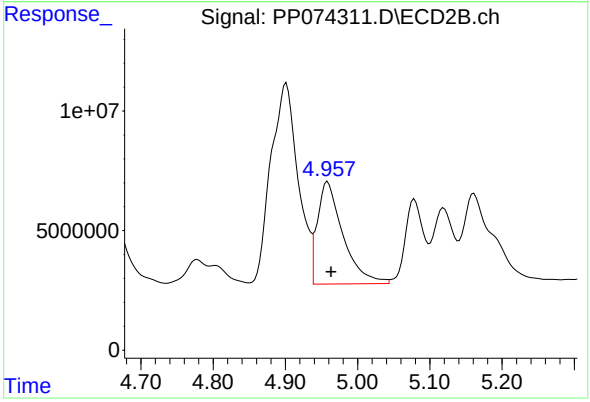
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 221419556
Conc: 555.09 ng/ml



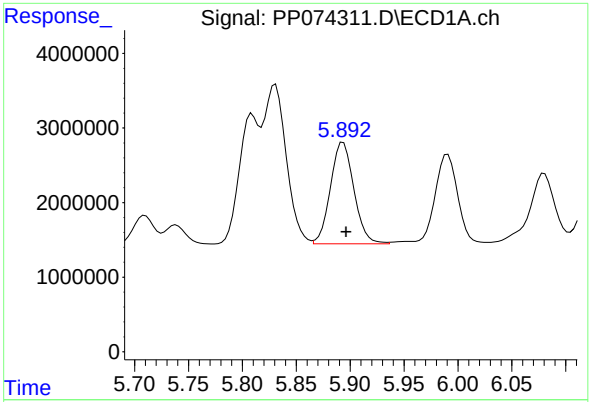
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.003 min
Response: 31794685
Conc: 523.44 ng/ml



#4 AR-1016-2

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 105394294
Conc: 561.18 ng/ml



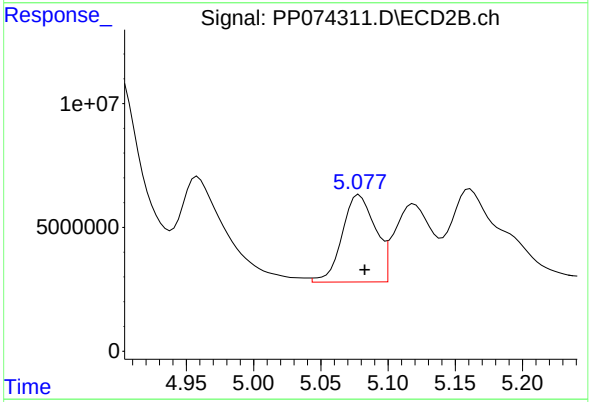
#5 AR-1016-3

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 20638950
Conc: 520.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

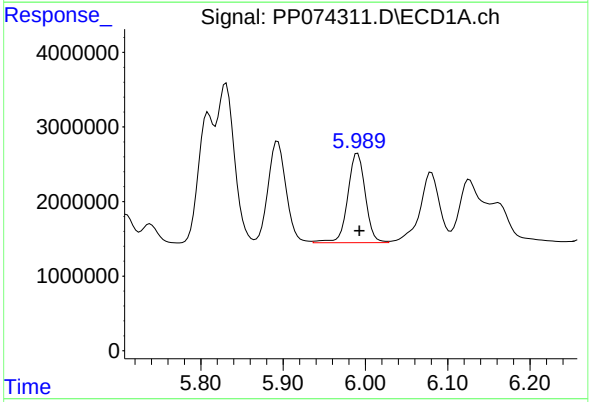
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



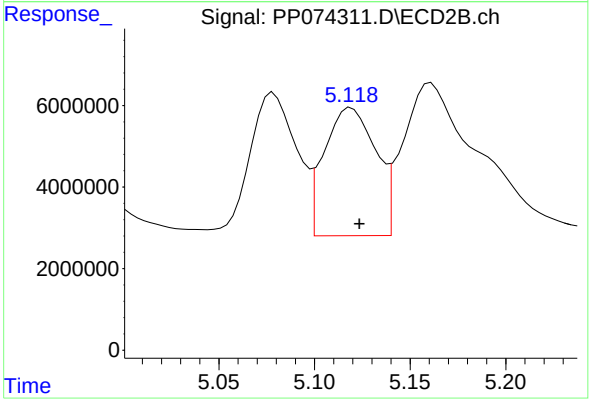
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 60560553
Conc: 570.95 ng/ml



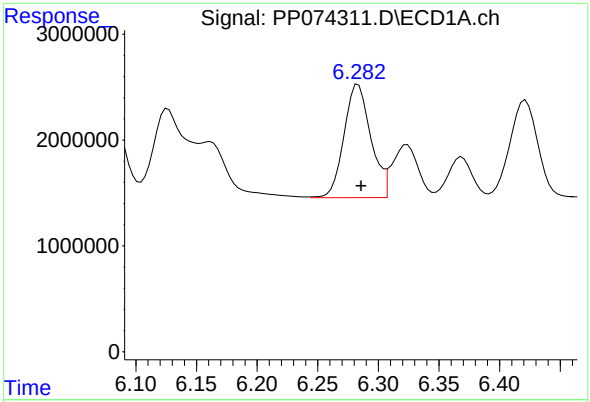
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 17736155
Conc: 544.98 ng/ml



#6 AR-1016-4

R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 58694992
Conc: 537.40 ng/ml



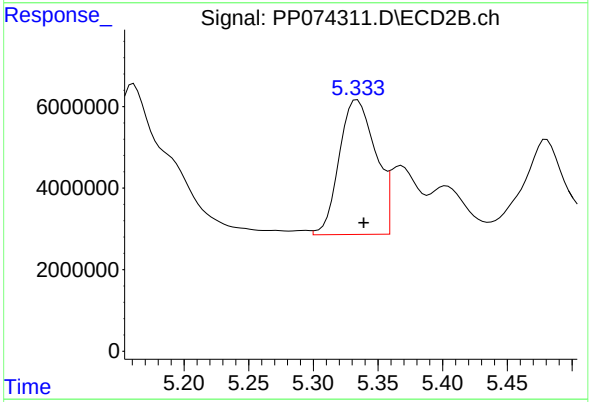
#7 AR-1016-5

R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 16474757
Conc: 507.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

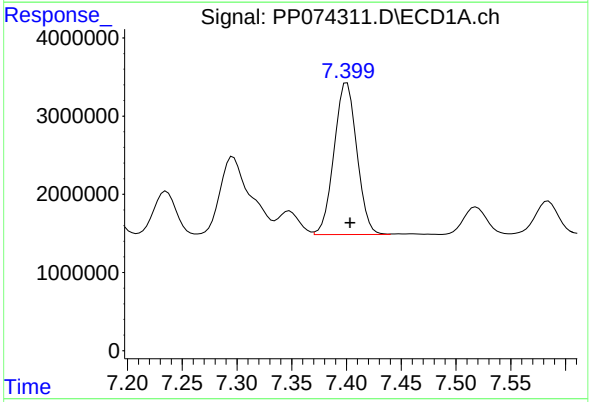
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



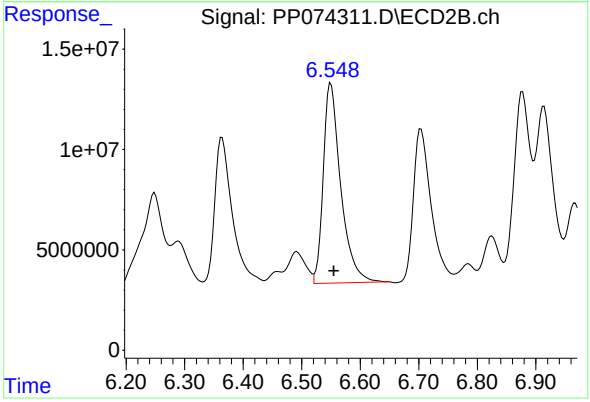
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 64653966
Conc: 552.77 ng/ml



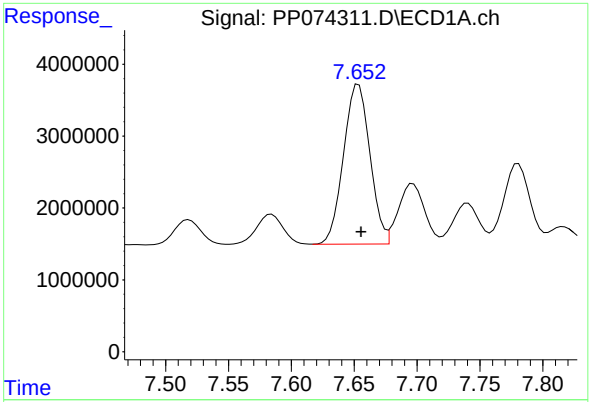
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 28140334
Conc: 499.33 ng/ml



#31 AR-1260-1

R.T.: 6.550 min
Delta R.T.: -0.005 min
Response: 206989419
Conc: 512.40 ng/ml



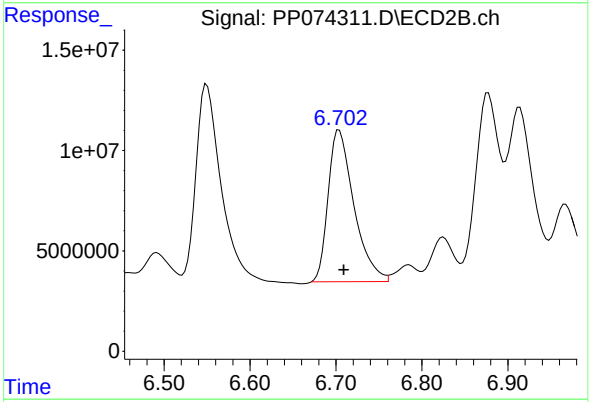
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: -0.002 min
Response: 32575808
Conc: 477.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

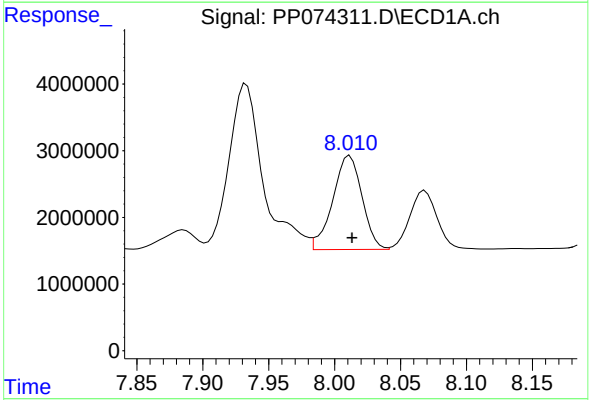
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



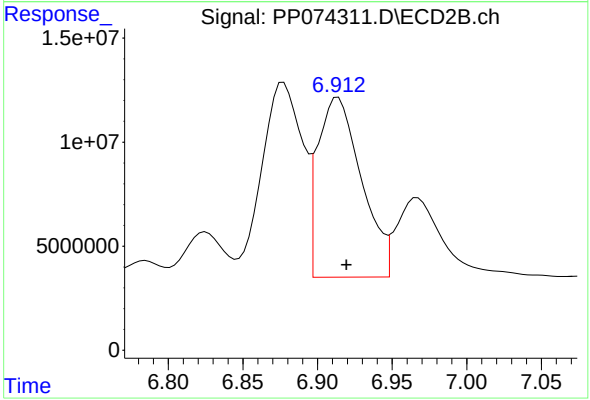
#32 AR-1260-2

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 157569693
Conc: 503.90 ng/ml



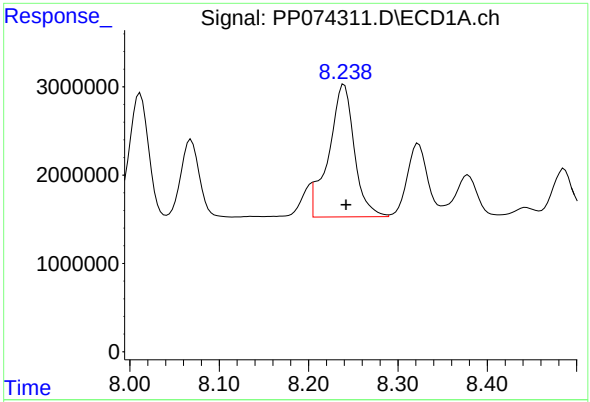
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 21771827
Conc: 408.51 ng/ml



#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.006 min
Response: 176516117
Conc: 447.88 ng/ml



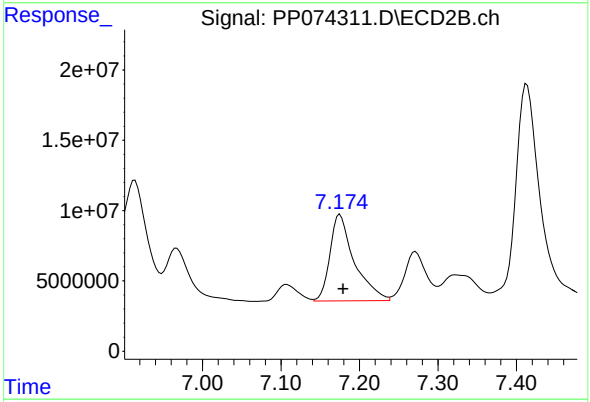
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 29533684
Conc: 471.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

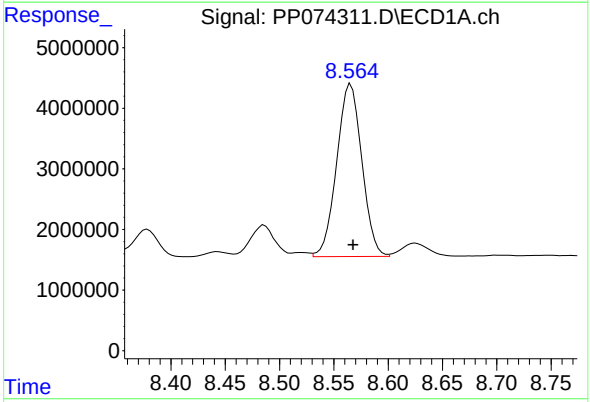
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



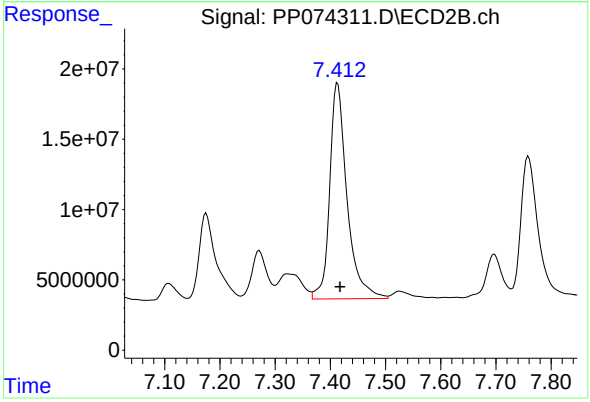
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 132650496
Conc: 455.88 ng/ml



#35 AR-1260-5

R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 45863963
Conc: 404.78 ng/ml



#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: -0.005 min
Response: 335060197
Conc: 442.38 ng/ml

Raw Data: **PP074312.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/11/25
Project:	USACE018-44 DOD	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD	SDG No.:	Q2819
Lab Sample ID:	Q2830-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9 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
PP074312.D	1	08/12/25 08:15	08/12/25 13:53	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	219		4.50	9.50	19.5	ug/kg
11104-28-2	Aroclor-1221	14.9	U	4.60	14.9	19.5	ug/kg
11141-16-5	Aroclor-1232	9.50	U	4.30	9.50	19.5	ug/kg
53469-21-9	Aroclor-1242	9.50	U	4.60	9.50	19.5	ug/kg
12672-29-6	Aroclor-1248	14.9	U	6.80	14.9	19.5	ug/kg
11097-69-1	Aroclor-1254	9.50	U	3.70	9.50	19.5	ug/kg
37324-23-5	Aroclor-1262	14.9	U	5.80	14.9	19.5	ug/kg
11100-14-4	Aroclor-1268	9.50	U	4.10	9.50	19.5	ug/kg
11096-82-5	Aroclor-1260	188		3.70	9.50	19.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.3		44 - 130		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 125		99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP074312.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.803	26034862	84782674	23.281m	22.111
2)	SA Decachlor...	10.435	8.820	19291425	107.3E6	19.864m	17.849
	Target Compounds						
3)	L1 AR-1016-1	5.811	4.904	22025300	229.5E6	533.859	575.363
4)	L1 AR-1016-2	5.832	4.961	31957321	109.0E6	526.118	580.403
5)	L1 AR-1016-3	5.895	5.081	21162376	59483478	533.588	560.796
6)	L1 AR-1016-4	5.992	5.122	21722805	62077143	667.481	568.368
7)	L1 AR-1016-5	6.284	5.337	16835913	66799585	518.538	571.116
31)	L7 AR-1260-1	7.402	6.552	28910383	216.7E6	512.995	536.408
32)	L7 AR-1260-2	7.654	6.707	33152517	164.0E6	486.447	524.348
33)	L7 AR-1260-3	8.012	6.916	22216794	183.6E6	416.857	465.809
34)	L7 AR-1260-4	8.239	7.176	29914044	137.0E6	477.746m	470.828
35)	L7 AR-1260-5	8.565	7.415	47018435	347.3E6	414.973	458.490

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP074312.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

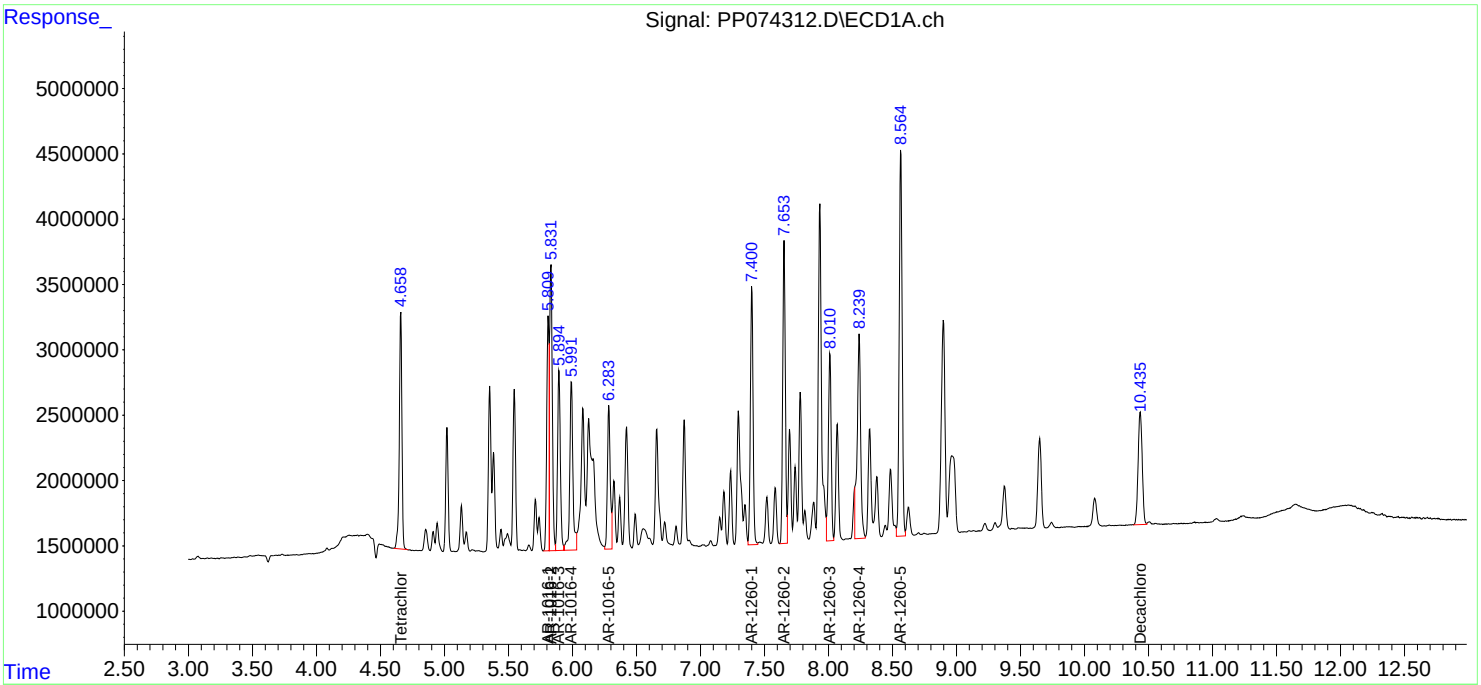
Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

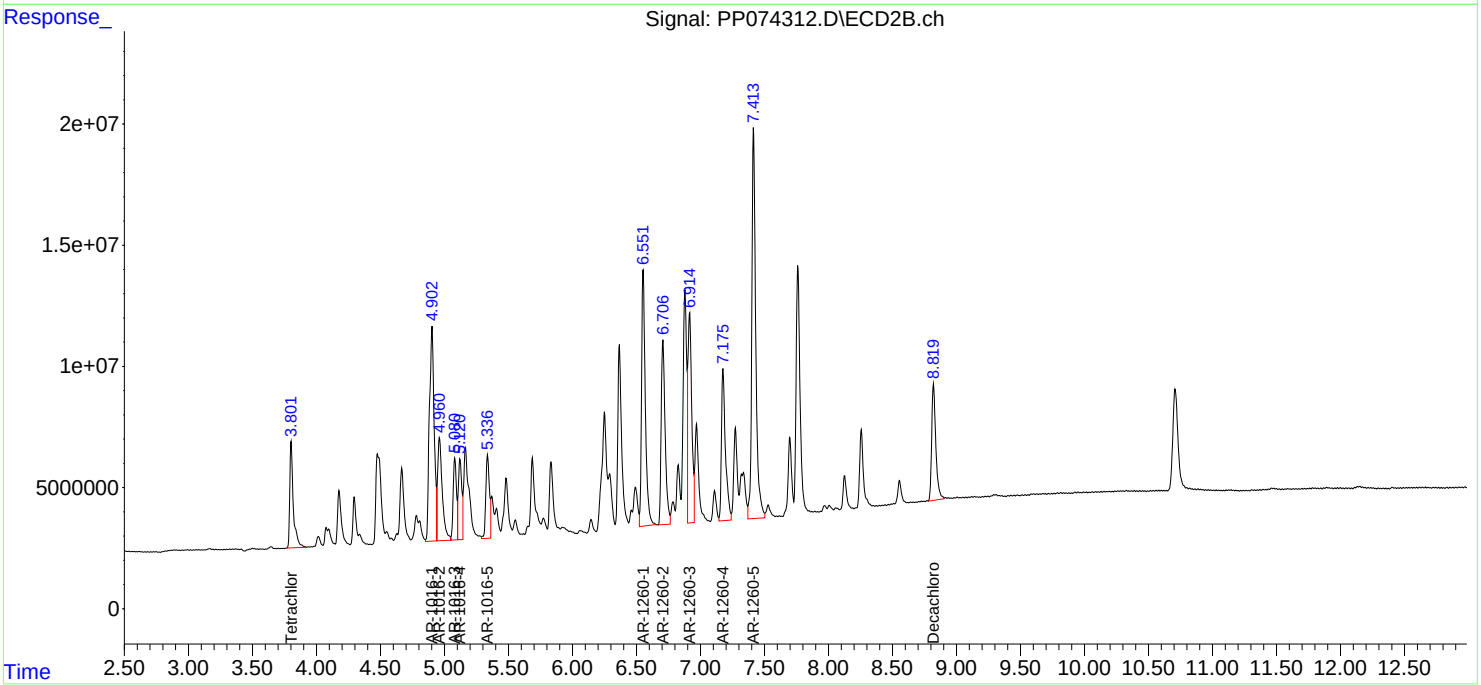
Manual Integrations APPROVED

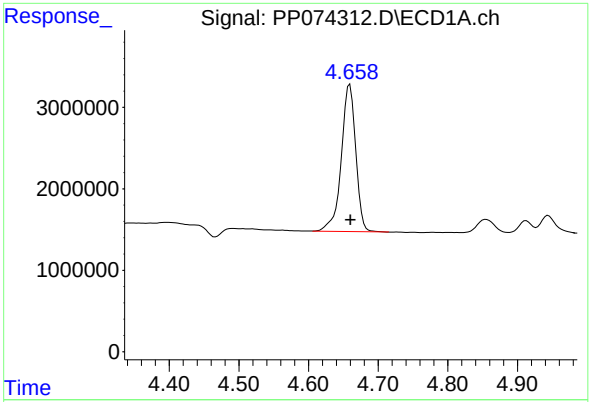
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







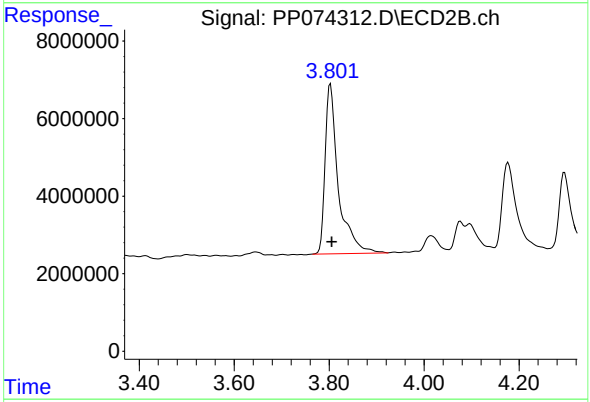
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 26034862
Conc: 23.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

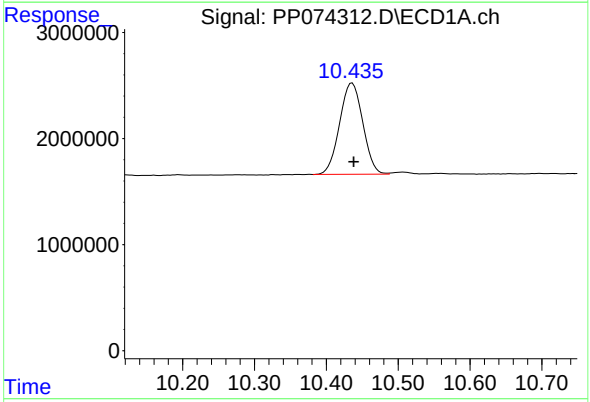
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



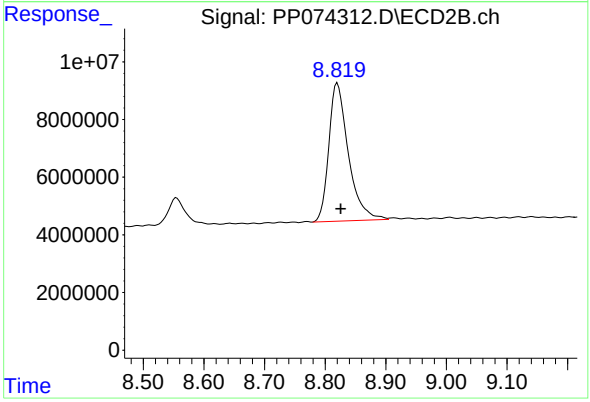
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 84782674
Conc: 22.11 ng/ml



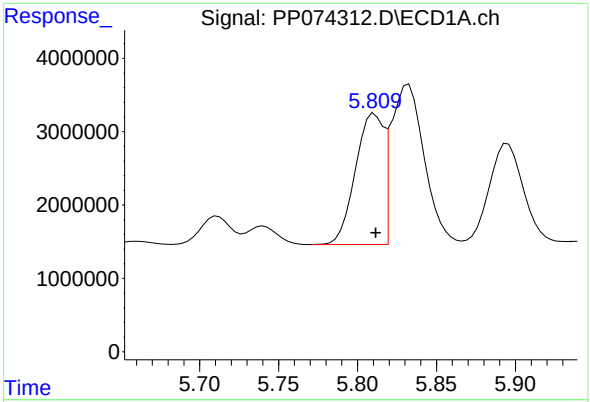
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 19291425
Conc: 19.86 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 107334950
Conc: 17.85 ng/ml



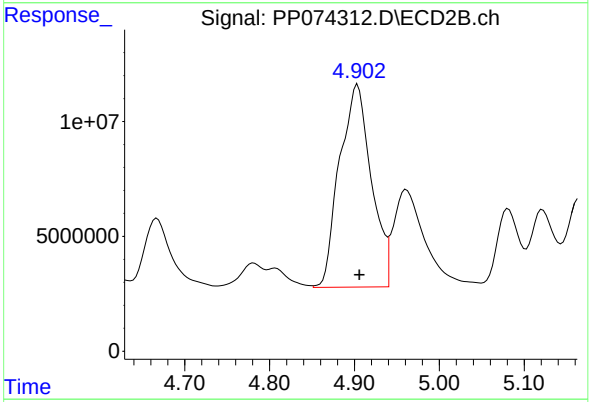
#3 AR-1016-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22025300
Conc: 533.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

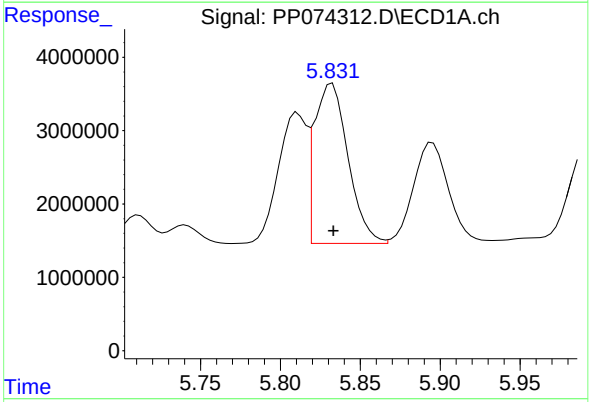
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



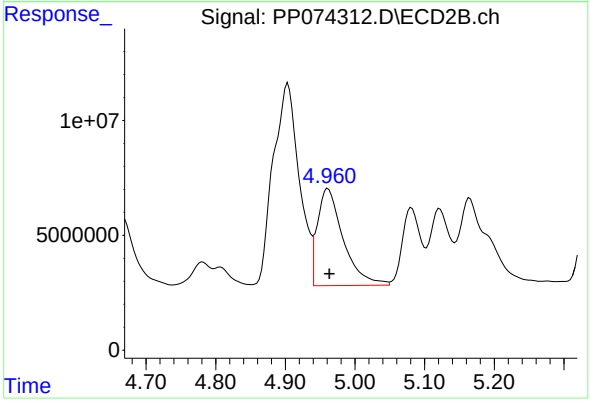
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 229504954
Conc: 575.36 ng/ml



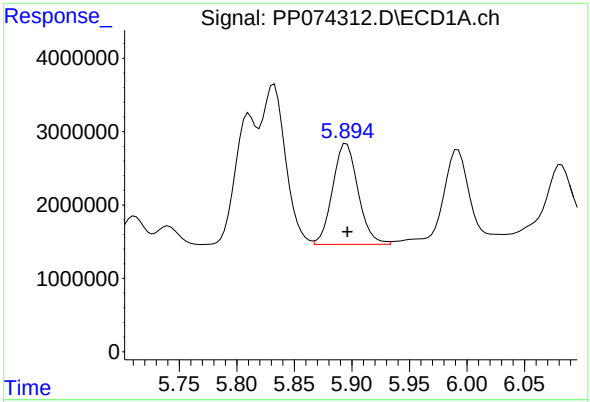
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 31957321
Conc: 526.12 ng/ml



#4 AR-1016-2

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 109004993
Conc: 580.40 ng/ml



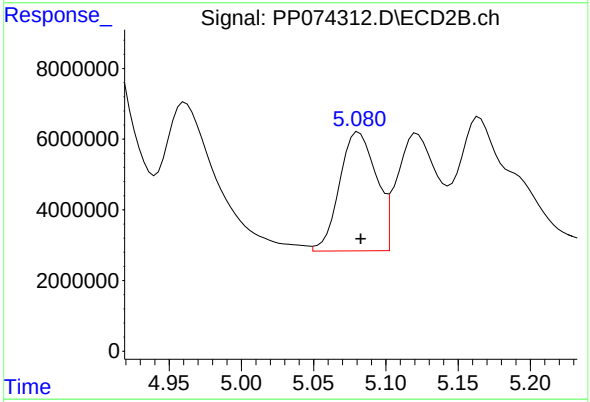
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 21162376
Conc: 533.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

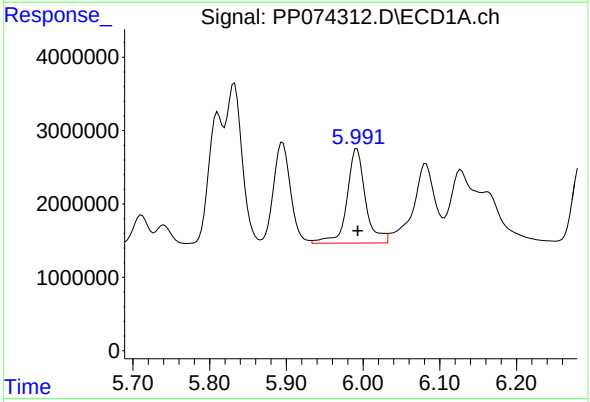
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



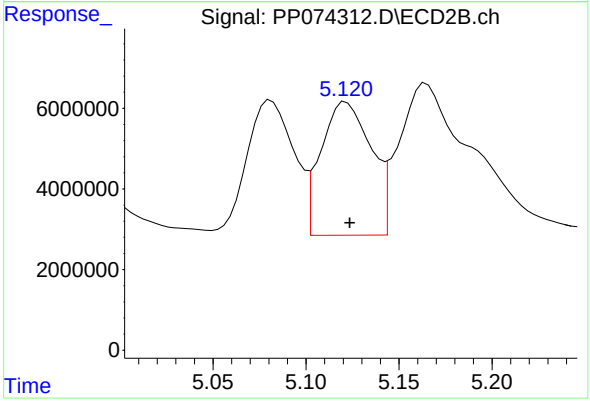
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.001 min
Response: 59483478
Conc: 560.80 ng/ml



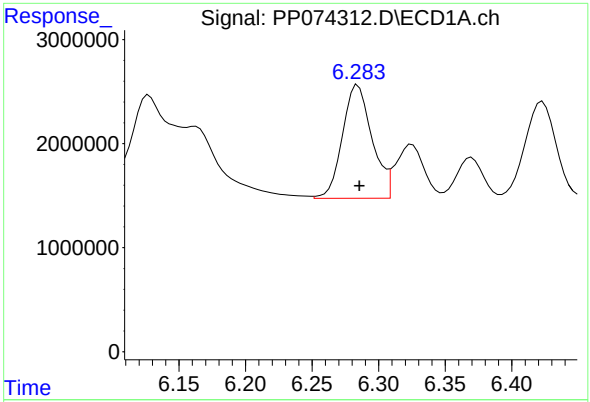
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 21722805
Conc: 667.48 ng/ml



#6 AR-1016-4

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 62077143
Conc: 568.37 ng/ml



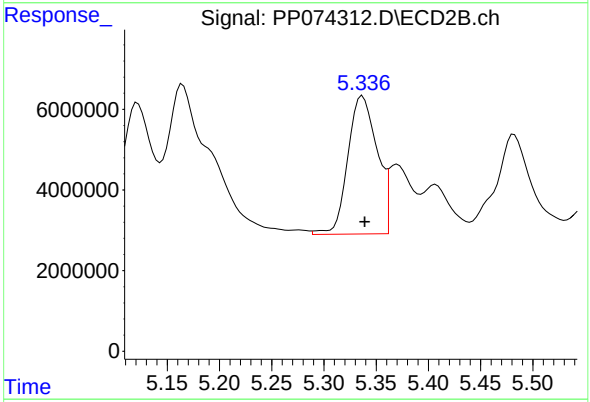
#7 AR-1016-5

R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 16835913
Conc: 518.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

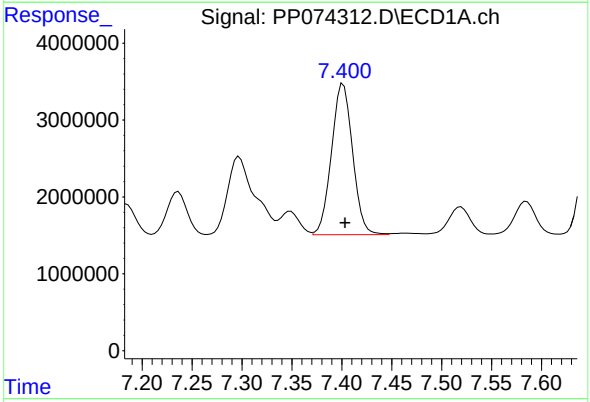
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



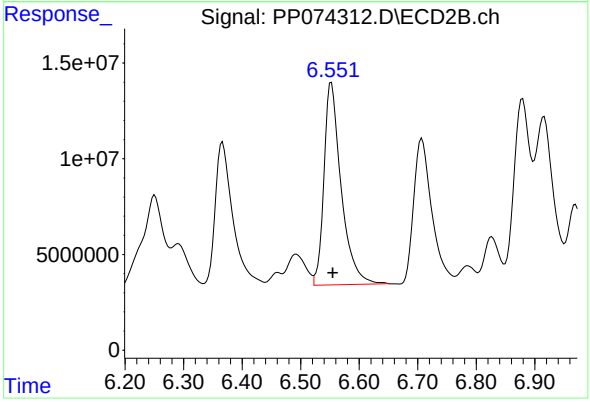
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 66799585
Conc: 571.12 ng/ml



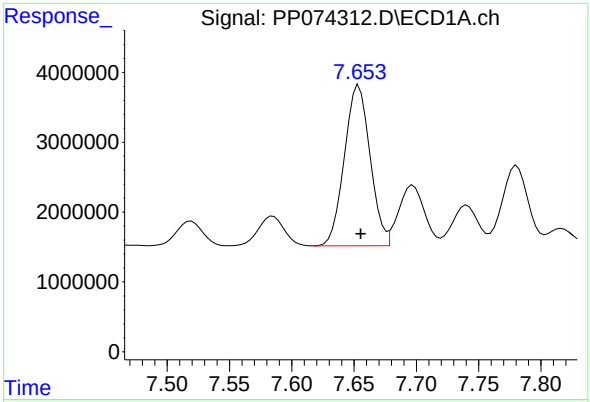
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 28910383
Conc: 513.00 ng/ml



#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 216685736
Conc: 536.41 ng/ml



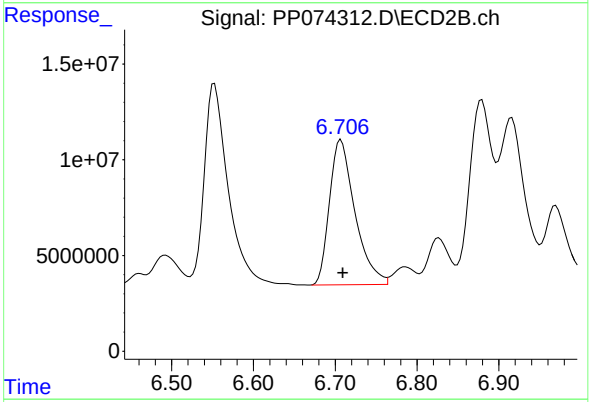
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: -0.002 min
Response: 33152517
Conc: 486.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

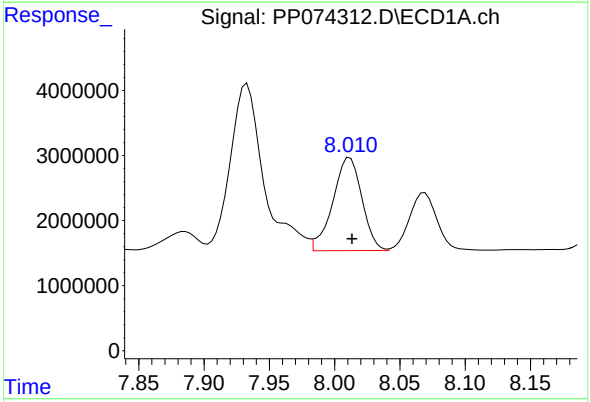
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



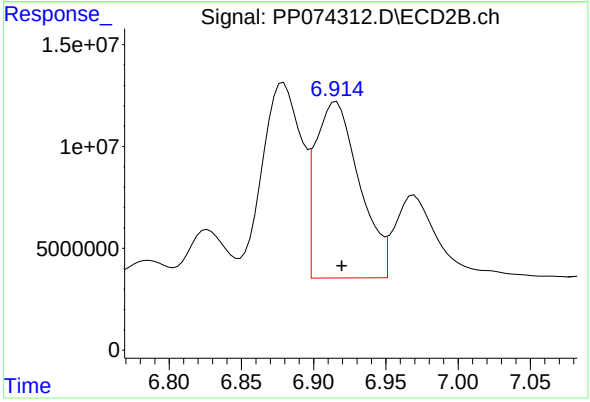
#32 AR-1260-2

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 163962965
Conc: 524.35 ng/ml



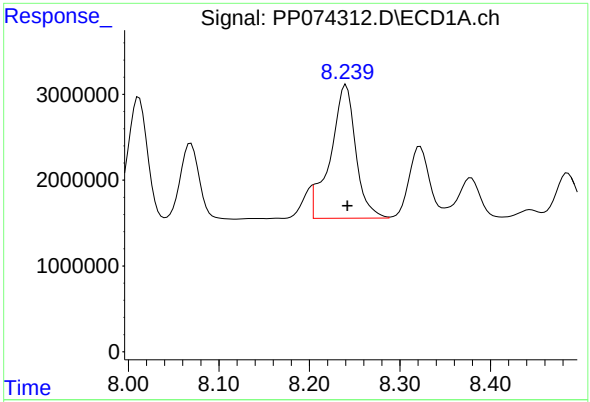
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 22216794
Conc: 416.86 ng/ml



#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 183583696
Conc: 465.81 ng/ml



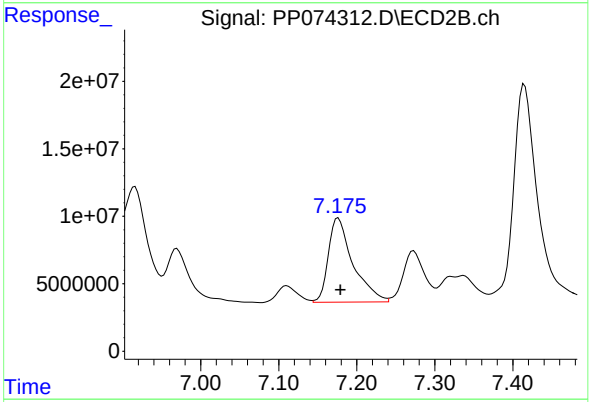
#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 29914044
Conc: 477.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

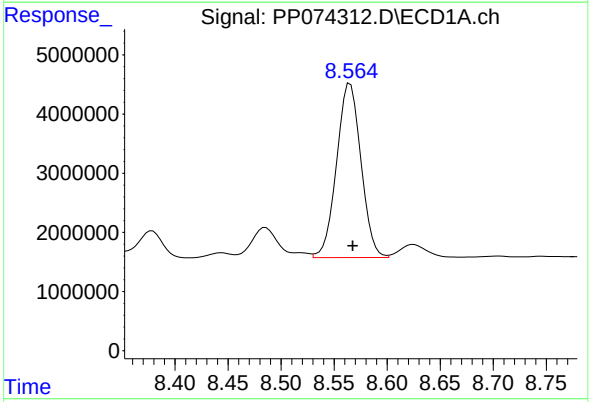
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



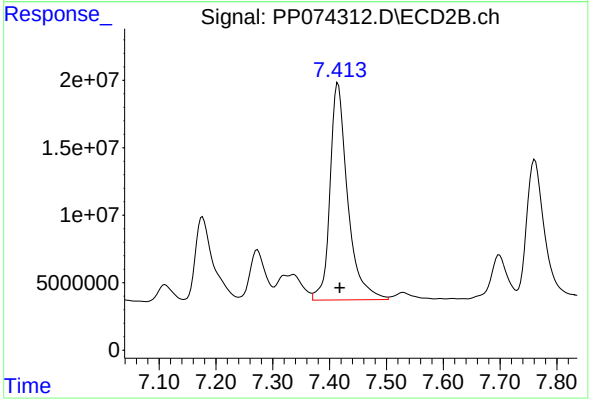
#34 AR-1260-4

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 137001180
Conc: 470.83 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 47018435
Conc: 414.97 ng/ml



#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 347264975
Conc: 458.49 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:	PO081225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112850.D	AR-1016-1	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1016-2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1016-3 #2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1016-4 #2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112850.D	AR-1260-3 #2	yogesh	8/13/2025 11:49:43 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112851.D	AR-1242-1	yogesh	8/13/2025 11:49:45 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112851.D	AR-1242-2	yogesh	8/13/2025 11:49:45 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112851.D	AR-1242-3 #2	yogesh	8/13/2025 11:49:45 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1248CCC500	PO112852.D	AR-1248-1	yogesh	8/13/2025 11:49:47 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112865.D	AR-1016-1	yogesh	8/13/2025 11:49:48 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112865.D	AR-1016-2	yogesh	8/13/2025 11:49:48 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112865.D	AR-1260-3 #2	yogesh	8/13/2025 11:49:48 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112866.D	AR-1242-1	yogesh	8/13/2025 11:49:52 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO081225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO112866.D	AR-1242-2	yogesh	8/13/2025 11:49:52 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112866.D	AR-1242-3 #2	yogesh	8/13/2025 11:49:52 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112880.D	AR-1016-1	yogesh	8/13/2025 11:49:56 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112880.D	AR-1016-2	yogesh	8/13/2025 11:49:56 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112880.D	AR-1260-3 #2	yogesh	8/13/2025 11:49:56 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112881.D	AR-1242-1	yogesh	8/13/2025 11:49:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112881.D	AR-1242-2	yogesh	8/13/2025 11:49:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112890.D	AR-1016-1	yogesh	8/13/2025 11:50:01 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1660CCC500	PO112890.D	AR-1016-2	yogesh	8/13/2025 11:50:01 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-1	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-2	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-3 #2	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1242CCC500	PO112891.D	AR-1242-4 #2	yogesh	8/13/2025 11:50:03 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO081225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO112893.D	AR-1254-1	yogesh	8/13/2025 7:36:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software
AR1254CCC500	PO112893.D	AR-1254-2	yogesh	8/13/2025 7:36:58 AM	mohammad	8/14/2025 1:21:40	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP074171.D	AR-1016-5	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-1	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-2	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2 #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-4	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1232ICC500	PP074174.D	AR-1232-4 #2	yogesh	8/5/2025 7:22:20 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC1000	PP074175.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:22 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC750	PP074176.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:24 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC500	PP074177.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:27 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC250	PP074178.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC250	PP074178.D	AR-1242-5	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	AR-1242-5	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICC500	PP074182.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:38 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-1	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-5 #2	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC750	PP074186.D	AR-1254-1	yogesh	8/5/2025 7:22:45 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC500	PP074187.D	AR-1254-1	yogesh	8/5/2025 7:22:47 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC250	PP074188.D	AR-1254-1	yogesh	8/5/2025 7:22:49 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC050	PP074189.D	AR-1254-1	yogesh	8/5/2025 7:22:51 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICV500	PP074197.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:52 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICV500	PP074198.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:54 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICV500	PP074199.D	AR-1254-1	yogesh	8/8/2025 7:32:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074303.D	AR-1242-3 #2	yogesh	8/13/2025 7:35:08 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074303.D	AR-1242-4 #2	yogesh	8/13/2025 7:35:08 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074304.D	AR-1254-1	yogesh	8/13/2025 7:35:10 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074304.D	AR-1254-1 #2	yogesh	8/13/2025 7:35:10 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074304.D	AR-1254-3 #2	yogesh	8/13/2025 7:35:10 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
PB169205BS	PP074309.D	AR-1260-4	yogesh	8/13/2025 7:35:14 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MS	PP074311.D	AR-1260-4	yogesh	8/13/2025 7:35:18 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MS	PP074311.D	Tetrachloro-m-xylene	yogesh	8/13/2025 7:35:18 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MSD	PP074312.D	AR-1260-4	yogesh	8/13/2025 7:35:19 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MSD	PP074312.D	Decachlorobiphenyl	yogesh	8/13/2025 7:35:19 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
Q2830-01MSD	PP074312.D	Tetrachloro-m-xylene	yogesh	8/13/2025 7:35:19 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1660CCC500	PP074316.D	AR-1016-2 #2	yogesh	8/13/2025 7:35:23 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1660CCC500	PP074316.D	AR-1016-5 #2	yogesh	8/13/2025 7:35:23 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP074316.D	Tetrachloro-m-xylene #2	yogesh	8/13/2025 7:35:23 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074317.D	AR-1242-2 #2	yogesh	8/13/2025 7:35:24 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074317.D	AR-1242-3 #2	yogesh	8/13/2025 7:35:24 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074317.D	AR-1242-4 #2	yogesh	8/13/2025 7:35:24 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-1	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-1 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-2 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-3 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-4 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074318.D	AR-1254-5 #2	yogesh	8/13/2025 7:35:26 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074330.D	AR-1242-2 #2	yogesh	8/13/2025 7:35:40 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074330.D	AR-1242-3 #2	yogesh	8/13/2025 7:35:40 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1242CCC500	PP074330.D	AR-1242-4 #2	yogesh	8/13/2025 7:35:40 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP074331.D	AR-1254-1	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-2 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-3 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-4 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	Peak Integrated by Software
AR1254CCC500	PP074331.D	AR-1254-5 #2	yogesh	8/13/2025 7:35:42 AM	mohammad	8/14/2025 1:21:51	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,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,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 # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	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	PO112849.D	12 Aug 2025 08:35	YP/AJ	Ok
2	AR1660CCC500	PO112850.D	12 Aug 2025 08:54	YP/AJ	Ok,M
3	AR1242CCC500	PO112851.D	12 Aug 2025 09:12	YP/AJ	Ok,M
4	AR1248CCC500	PO112852.D	12 Aug 2025 09:29	YP/AJ	Ok,M
5	AR1254CCC500	PO112853.D	12 Aug 2025 09:48	YP/AJ	Ok
6	I.BLK	PO112854.D	12 Aug 2025 10:05	YP/AJ	Ok
7	DDT ANALOG	PO112855.D	12 Aug 2025 10:24	YP/AJ	Ok
8	Q2808-01DL	PO112856.D	12 Aug 2025 10:42	YP/AJ	Ok,M
9	Q2807-02	PO112857.D	12 Aug 2025 11:01	YP/AJ	Ok
10	Q2818-01	PO112858.D	12 Aug 2025 12:50	YP/AJ	Ok,M
11	Q2818-02	PO112859.D	12 Aug 2025 13:08	YP/AJ	Ok
12	Q2819-06	PO112860.D	12 Aug 2025 13:26	YP/AJ	Ok
13	Q2819-11	PO112861.D	12 Aug 2025 13:43	YP/AJ	Ok
14	Q2819-14	PO112862.D	12 Aug 2025 14:01	YP/AJ	Ok
15	Q2820-09	PO112863.D	12 Aug 2025 14:20	YP/AJ	ReRun
16	Q2820-10	PO112864.D	12 Aug 2025 14:38	YP/AJ	Ok
17	AR1660CCC500	PO112865.D	12 Aug 2025 15:50	YP/AJ	Ok,M
18	AR1242CCC500	PO112866.D	12 Aug 2025 16:07	YP/AJ	Ok,M
19	AR1248CCC500	PO112867.D	12 Aug 2025 16:25	YP/AJ	Ok
20	AR1254CCC500	PO112868.D	12 Aug 2025 16:42	YP/AJ	Ok
21	I.BLK	PO112869.D	12 Aug 2025 17:00	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	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	Q2820-24	PO112870.D	12 Aug 2025 17:19	YP/AJ	Ok
23	Q2823-01	PO112871.D	12 Aug 2025 17:37	YP/AJ	Ok,M
24	Q2826-01	PO112872.D	12 Aug 2025 17:56	YP/AJ	Ok
25	Q2827-01	PO112873.D	12 Aug 2025 18:14	YP/AJ	Dilution
26	Q2827-05	PO112874.D	12 Aug 2025 18:31	YP/AJ	Ok
27	Q2830-03	PO112875.D	12 Aug 2025 18:49	YP/AJ	Ok
28	Q2839-01	PO112876.D	12 Aug 2025 19:06	YP/AJ	Ok,M
29	Q2839-02	PO112877.D	12 Aug 2025 19:24	YP/AJ	Ok,M
30	Q2839-03	PO112878.D	12 Aug 2025 19:42	YP/AJ	Ok
31	Q2839-04	PO112879.D	12 Aug 2025 19:59	YP/AJ	Ok,M
32	AR1660CCC500	PO112880.D	12 Aug 2025 21:09	YP/AJ	Ok,M
33	AR1242CCC500	PO112881.D	12 Aug 2025 22:02	YP/AJ	Ok,M
34	AR1248CCC500	PO112882.D	12 Aug 2025 22:21	YP/AJ	Ok
35	AR1254CCC500	PO112883.D	12 Aug 2025 22:38	YP/AJ	Ok
36	I.BLK	PO112884.D	12 Aug 2025 22:56	YP/AJ	Ok
37	Q2839-05	PO112885.D	12 Aug 2025 23:15	YP/AJ	Ok
38	Q2839-06	PO112886.D	12 Aug 2025 23:33	YP/AJ	Ok
39	Q2839-07	PO112887.D	12 Aug 2025 23:51	YP/AJ	Ok,M
40	Q2839-08	PO112888.D	13 Aug 2025 00:09	YP/AJ	Ok,M
41	Q2839-09	PO112889.D	13 Aug 2025 00:27	YP/AJ	Ok
42	AR1660CCC500	PO112890.D	13 Aug 2025 01:41	YP/AJ	Ok,M
43	AR1242CCC500	PO112891.D	13 Aug 2025 02:34	YP/AJ	Ok,M
44	AR1248CCC500	PO112892.D	13 Aug 2025 02:52	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	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	

45	AR1254CCC500	PO112893.D	13 Aug 2025 03:11	YP/AJ	Ok,M
46	I.BLK	PO112894.D	13 Aug 2025 03:29	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074166.D	01 Aug 2025 11:33	YP\AJ	Ok
2	I.BLK	PP074167.D	01 Aug 2025 11:49	YP\AJ	Ok
3	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05	YP\AJ	Ok
4	AR1660ICC750	PP074169.D	01 Aug 2025 12:22	YP\AJ	Ok
5	AR1660ICC500	PP074170.D	01 Aug 2025 12:38	YP\AJ	Ok
6	AR1660ICC250	PP074171.D	01 Aug 2025 12:54	YP\AJ	Ok,M
7	AR1660ICC050	PP074172.D	01 Aug 2025 13:42	YP\AJ	Ok,M
8	AR1221ICC500	PP074173.D	01 Aug 2025 13:58	YP\AJ	Ok
9	AR1232ICC500	PP074174.D	01 Aug 2025 14:15	YP\AJ	Ok,M
10	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31	YP\AJ	Ok,M
11	AR1242ICC750	PP074176.D	01 Aug 2025 14:47	YP\AJ	Ok,M
12	AR1242ICC500	PP074177.D	01 Aug 2025 15:03	YP\AJ	Ok,M
13	AR1242ICC250	PP074178.D	01 Aug 2025 15:19	YP\AJ	Ok,M
14	AR1242ICC050	PP074179.D	01 Aug 2025 15:36	YP\AJ	Ok,M
15	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	YP\AJ	Not Ok
16	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	YP\AJ	Not Ok
17	AR1248ICC500	PP074182.D	01 Aug 2025 16:57	YP\AJ	Ok,M
18	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	YP\AJ	Not Ok
19	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	YP\AJ	Not Ok
20	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02	YP\AJ	Ok,M
21	AR1254ICC750	PP074186.D	01 Aug 2025 18:18	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP074187.D	01 Aug 2025 18:34	YP\AJ	Ok,M
23	AR1254ICC250	PP074188.D	01 Aug 2025 18:50	YP\AJ	Ok,M
24	AR1254ICC050	PP074189.D	01 Aug 2025 19:23	YP\AJ	Ok,M
25	AR1262ICC500	PP074190.D	01 Aug 2025 19:39	YP\AJ	Ok
26	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	YP\AJ	Not Ok
27	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	YP\AJ	Not Ok
28	AR1268ICC500	PP074193.D	01 Aug 2025 20:28	YP\AJ	Ok
29	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	YP\AJ	Not Ok
30	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	YP\AJ	Not Ok
31	PP080125ICV500	PP074196.D	01 Aug 2025 21:16	YP\AJ	Ok
32	AR1242ICV500	PP074197.D	01 Aug 2025 22:05	YP\AJ	Ok,M
33	AR1248ICV500	PP074198.D	01 Aug 2025 22:37	YP\AJ	Not Ok
34	AR1254ICV500	PP074199.D	01 Aug 2025 23:10	YP\AJ	Ok,M
35	AR1268ICV500	PP074200.D	01 Aug 2025 23:42	YP\AJ	Not Ok
36	DDT ANALOG	PP074201.D	02 Aug 2025 00:15	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	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	PP074301.D	12 Aug 2025 09:35	YP\AJ	Ok
2	AR1660CCC500	PP074302.D	12 Aug 2025 09:51	YP\AJ	Ok
3	AR1242CCC500	PP074303.D	12 Aug 2025 10:11	YP\AJ	Ok,M
4	AR1254CCC500	PP074304.D	12 Aug 2025 10:27	YP\AJ	Ok,M
5	I.BLK	PP074305.D	12 Aug 2025 10:43	YP\AJ	Ok
6	DDT ANALOG	PP074306.D	12 Aug 2025 10:59	YP\AJ	Ok
7	PP24799	PP074307.D	12 Aug 2025 11:16	YP\AJ	Ok,M
8	PB169205BL	PP074308.D	12 Aug 2025 12:48	YP\AJ	Ok
9	PB169205BS	PP074309.D	12 Aug 2025 13:05	YP\AJ	Ok,M
10	Q2830-01	PP074310.D	12 Aug 2025 13:21	YP\AJ	Ok,M
11	Q2830-01MS	PP074311.D	12 Aug 2025 13:37	YP\AJ	Ok,M
12	Q2830-01MSD	PP074312.D	12 Aug 2025 13:53	YP\AJ	Ok,M
13	Q2830-05	PP074313.D	12 Aug 2025 14:10	YP\AJ	Ok
14	Q2830-07	PP074314.D	12 Aug 2025 14:26	YP\AJ	Ok,M
15	Q2831-01	PP074315.D	12 Aug 2025 14:42	YP\AJ	Ok
16	AR1660CCC500	PP074316.D	12 Aug 2025 15:48	YP\AJ	Ok,M
17	AR1242CCC500	PP074317.D	12 Aug 2025 16:20	YP\AJ	Ok,M
18	AR1254CCC500	PP074318.D	12 Aug 2025 16:37	YP\AJ	Ok,M
19	I.BLK	PP074319.D	12 Aug 2025 16:53	YP\AJ	Ok
20	PB169220BL	PP074320.D	12 Aug 2025 17:26	YP\AJ	Ok
21	PB169220BS	PP074321.D	12 Aug 2025 17:42	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	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	Q2839-10	PP074322.D	12 Aug 2025 17:58	YP\AJ	Ok,M
23	Q2839-11	PP074323.D	12 Aug 2025 18:14	YP\AJ	Ok,M
24	Q2839-12	PP074324.D	12 Aug 2025 18:31	YP\AJ	Ok,M
25	Q2839-13	PP074325.D	12 Aug 2025 18:47	YP\AJ	Ok,M
26	Q2839-14	PP074326.D	12 Aug 2025 19:03	YP\AJ	Ok,M
27	Q2839-15	PP074327.D	12 Aug 2025 19:20	YP\AJ	Ok,M
28	Q2839-16	PP074328.D	12 Aug 2025 19:36	YP\AJ	Ok,M
29	AR1660CCC500	PP074329.D	12 Aug 2025 20:41	YP\AJ	Ok
30	AR1242CCC500	PP074330.D	12 Aug 2025 21:30	YP\AJ	Ok,M
31	AR1254CCC500	PP074331.D	12 Aug 2025 21:46	YP\AJ	Ok,M
32	I.BLK	PP074332.D	12 Aug 2025 22:02	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 # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	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	PO112849.D	12 Aug 2025 08:35		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112850.D	12 Aug 2025 08:54		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112851.D	12 Aug 2025 09:12		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO112852.D	12 Aug 2025 09:29		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO112853.D	12 Aug 2025 09:48		YP/AJ	Ok
6	I.BLK	I.BLK	PO112854.D	12 Aug 2025 10:05		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112855.D	12 Aug 2025 10:24		YP/AJ	Ok
8	Q2808-01DL	TP-7DL	PO112856.D	12 Aug 2025 10:42	AR1242 + 1254 Hit	YP/AJ	Ok,M
9	Q2807-02	COMP-5	PO112857.D	12 Aug 2025 11:01		YP/AJ	Ok
10	Q2818-01	B-2-5-1	PO112858.D	12 Aug 2025 12:50		YP/AJ	Ok,M
11	Q2818-02	B-3-5-2	PO112859.D	12 Aug 2025 13:08		YP/AJ	Ok
12	Q2819-06	11M-S	PO112860.D	12 Aug 2025 13:26		YP/AJ	Ok
13	Q2819-11	84SB-W	PO112861.D	12 Aug 2025 13:43	DCB low in 1ST column	YP/AJ	Ok
14	Q2819-14	17M-W	PO112862.D	12 Aug 2025 14:01		YP/AJ	Ok
15	Q2820-09	705R-S	PO112863.D	12 Aug 2025 14:20	DCB low both column	YP/AJ	ReRun
16	Q2820-10	SOIL-DUP-2	PO112864.D	12 Aug 2025 14:38		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO112865.D	12 Aug 2025 15:50		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112866.D	12 Aug 2025 16:07		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO112867.D	12 Aug 2025 16:25		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO112868.D	12 Aug 2025 16:42	TCMX high in 1st column	YP/AJ	Ok
21	I.BLK	I.BLK	PO112869.D	12 Aug 2025 17:00		YP/AJ	Ok
22	Q2820-24	22M-S	PO112870.D	12 Aug 2025 17:19		YP/AJ	Ok
23	Q2823-01	SU-04-081125	PO112871.D	12 Aug 2025 17:37		YP/AJ	Ok,M
24	Q2826-01	WC1	PO112872.D	12 Aug 2025 17:56	AR1254 Hit	YP/AJ	Ok
25	Q2827-01	TP-8	PO112873.D	12 Aug 2025 18:14	AR1248 & AR1260 Hit , Need 2x dilution	YP/AJ	Dilution
26	Q2827-05	TP-9	PO112874.D	12 Aug 2025 18:31	AR1260 Hit	YP/AJ	Ok
27	Q2830-03	BIN0009-DRIVEWAY-T	PO112875.D	12 Aug 2025 18:49	DCB high in 2nd column	YP/AJ	Ok
28	Q2839-01	BC274436-1-1	PO112876.D	12 Aug 2025 19:06		YP/AJ	Ok,M
29	Q2839-02	BC274436-1-2	PO112877.D	12 Aug 2025 19:24		YP/AJ	Ok,M
30	Q2839-03	BC151973-1-1	PO112878.D	12 Aug 2025 19:42		YP/AJ	Ok
31	Q2839-04	BC151973-1-2	PO112879.D	12 Aug 2025 19:59	AR1254 Hit	YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO112880.D	12 Aug 2025 21:09		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO112881.D	12 Aug 2025 22:02		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO112882.D	12 Aug 2025 22:21		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO112883.D	12 Aug 2025 22:38	TCMX high in 1st column	YP/AJ	Ok
36	I.BLK	I.BLK	PO112884.D	12 Aug 2025 22:56		YP/AJ	Ok
37	Q2839-05	BC271336-1-1	PO112885.D	12 Aug 2025 23:15		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081225

Review By	yogesh	Review On	8/12/2025 10:12:49 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:40 AM		
SubDirectory	PO081225	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	

38	Q2839-06	BC271336-1-2	PO112886.D	12 Aug 2025 23:33		YP/AJ	Ok
39	Q2839-07	BC271242-1-1	PO112887.D	12 Aug 2025 23:51	AR1254 Hit	YP/AJ	Ok,M
40	Q2839-08	BC271242-1-2	PO112888.D	13 Aug 2025 00:09		YP/AJ	Ok,M
41	Q2839-09	BC271242-2-1	PO112889.D	13 Aug 2025 00:27		YP/AJ	Ok
42	AR1660CCC500	AR1660CCC500	PO112890.D	13 Aug 2025 01:41		YP/AJ	Ok,M
43	AR1242CCC500	AR1242CCC500	PO112891.D	13 Aug 2025 02:34		YP/AJ	Ok,M
44	AR1248CCC500	AR1248CCC500	PO112892.D	13 Aug 2025 02:52		YP/AJ	Ok
45	AR1254CCC500	AR1254CCC500	PO112893.D	13 Aug 2025 03:11	TCMX high in 1st column	YP/AJ	Ok,M
46	I.BLK	I.BLK	PO112894.D	13 Aug 2025 03:29		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074166.D	01 Aug 2025 11:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP074167.D	01 Aug 2025 11:49		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074169.D	01 Aug 2025 12:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074170.D	01 Aug 2025 12:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074171.D	01 Aug 2025 12:54		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP074172.D	01 Aug 2025 13:42		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074173.D	01 Aug 2025 13:58		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074174.D	01 Aug 2025 14:15		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074176.D	01 Aug 2025 14:47		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074177.D	01 Aug 2025 15:03		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074178.D	01 Aug 2025 15:19		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074179.D	01 Aug 2025 15:36		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	Not Use	YP\AJ	Not Ok
16	AR1248ICC750	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	Not Use	YP\AJ	Not Ok
17	AR1248ICC500	AR1248ICC500	PP074182.D	01 Aug 2025 16:57		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	Not Use	YP\AJ	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM		
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM		
SubDirectory	PP080125	HP Acquire Method		HP Processing Method	PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	Not Use	YP\AJ	Not Ok
20	AR1254ICC1000	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074186.D	01 Aug 2025 18:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074187.D	01 Aug 2025 18:34		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074188.D	01 Aug 2025 18:50		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074189.D	01 Aug 2025 19:23		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074190.D	01 Aug 2025 19:39		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	Not Use	YP\AJ	Not Ok
27	AR1268ICC750	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	Not Use	YP\AJ	Not Ok
28	AR1268ICC500	AR1268ICC500	PP074193.D	01 Aug 2025 20:28		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	Not Use	YP\AJ	Not Ok
30	AR1268ICC050	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	Not Use	YP\AJ	Not Ok
31	PP080125ICV500	ICVPP080125	PP074196.D	01 Aug 2025 21:16		YP\AJ	Ok
32	AR1242ICV500	ICVPP080125AR1242	PP074197.D	01 Aug 2025 22:05		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP080125AR1248	PP074198.D	01 Aug 2025 22:37	Not Use	YP\AJ	Not Ok
34	AR1254ICV500	ICVPP080125AR1254	PP074199.D	01 Aug 2025 23:10		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP080125AR1268	PP074200.D	01 Aug 2025 23:42	Not Use	YP\AJ	Not Ok
36	DDT ANALOG	DDT ANALOG	PP074201.D	02 Aug 2025 00:15		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	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	PP074301.D	12 Aug 2025 09:35		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074302.D	12 Aug 2025 09:51	AR1016-02& TCMX high in sec column	YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074303.D	12 Aug 2025 10:11	TCMX high in sec column	YP\AJ	Ok,M
4	AR1254CCC500	AR1254CCC500	PP074304.D	12 Aug 2025 10:27	TCMX high in sec column	YP\AJ	Ok,M
5	I.BLK	I.BLK	PP074305.D	12 Aug 2025 10:43		YP\AJ	Ok
6	DDT ANALOG	DDT ANALOG	PP074306.D	12 Aug 2025 10:59		YP\AJ	Ok
7	PP24799	PP24799	PP074307.D	12 Aug 2025 11:16		YP\AJ	Ok,M
8	PB169205BL	PB169205BL	PP074308.D	12 Aug 2025 12:48		YP\AJ	Ok
9	PB169205BS	PB169205BS	PP074309.D	12 Aug 2025 13:05		YP\AJ	Ok,M
10	Q2830-01	BIN0009-DRIVEWAY-T	PP074310.D	12 Aug 2025 13:21		YP\AJ	Ok,M
11	Q2830-01MS	BIN0009-DRIVEWAY-T	PP074311.D	12 Aug 2025 13:37		YP\AJ	Ok,M
12	Q2830-01MSD	BIN0009-DRIVEWAY-T	PP074312.D	12 Aug 2025 13:53		YP\AJ	Ok,M
13	Q2830-05	BIN0009-DRIVEWAY-T	PP074313.D	12 Aug 2025 14:10		YP\AJ	Ok
14	Q2830-07	BIN0009-DRIVEWAY-T	PP074314.D	12 Aug 2025 14:26		YP\AJ	Ok,M
15	Q2831-01	VNJ-238	PP074315.D	12 Aug 2025 14:42		YP\AJ	Ok
16	AR1660CCC500	AR1660CCC500	PP074316.D	12 Aug 2025 15:48		YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP074317.D	12 Aug 2025 16:20	TCMX high in 2nd column	YP\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081225

Review By	yogesh	Review On	8/12/2025 10:13:41 AM		
Supervise By	mohammad	Supervise On	8/14/2025 1:21:51 AM		
SubDirectory	PP081225	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	AR1254CCC500	AR1254CCC500	PP074318.D	12 Aug 2025 16:37		YP\AJ	Ok,M
19	I.BLK	I.BLK	PP074319.D	12 Aug 2025 16:53		YP\AJ	Ok
20	PB169220BL	PB169220BL	PP074320.D	12 Aug 2025 17:26		YP\AJ	Ok
21	PB169220BS	PB169220BS	PP074321.D	12 Aug 2025 17:42		YP\AJ	Ok
22	Q2839-10	BC271242-2-2	PP074322.D	12 Aug 2025 17:58		YP\AJ	Ok,M
23	Q2839-11	BC226751-1-1	PP074323.D	12 Aug 2025 18:14		YP\AJ	Ok,M
24	Q2839-12	BC226751-1-2	PP074324.D	12 Aug 2025 18:31		YP\AJ	Ok,M
25	Q2839-13	BC226751-2-1	PP074325.D	12 Aug 2025 18:47	AR1254 Hit	YP\AJ	Ok,M
26	Q2839-14	BC226751-2-2	PP074326.D	12 Aug 2025 19:03		YP\AJ	Ok,M
27	Q2839-15	JEC773V-1-1	PP074327.D	12 Aug 2025 19:20	TCMX low in 2nd column	YP\AJ	Ok,M
28	Q2839-16	JEC773V-1-2	PP074328.D	12 Aug 2025 19:36		YP\AJ	Ok,M
29	AR1660CCC500	AR1660CCC500	PP074329.D	12 Aug 2025 20:41		YP\AJ	Ok
30	AR1242CCC500	AR1242CCC500	PP074330.D	12 Aug 2025 21:30	TCMX high in 2nd column	YP\AJ	Ok,M
31	AR1254CCC500	AR1254CCC500	PP074331.D	12 Aug 2025 21:46	TCMX high in 2nd column	YP\AJ	Ok,M
32	I.BLK	I.BLK	PP074332.D	12 Aug 2025 22:02		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB136783

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
Q2732-02	WC-A7-01-C	74	1.15	10.37	11.52	11.18	96.7	
Q2819-01	22BP-N	1	1.15	10.16	11.31	9.57	82.9	
Q2819-02	22BP-E	2	1.16	10.67	11.83	10.3	85.7	
Q2819-03	22BP-W	3	1.16	10.83	11.99	10.45	85.8	
Q2819-04	22BP-S	4	1.15	9.96	11.11	9.92	88.1	
Q2819-05	11M-W	5	1.14	10.45	11.59	10.7	91.5	
Q2819-06	11M-S	6	1.16	10.83	11.99	10.96	90.5	
Q2819-07	11M-N	7	1.16	10.81	11.97	9.37	75.9	
Q2819-08	11M-E	8	1.17	10.27	11.44	8.54	71.8	
Q2819-09	84SB-E	9	1.13	10.62	11.75	5.12	37.6	
Q2819-10	84SB-S	10	1.18	10.11	11.29	10.51	92.3	
Q2819-11	84SB-W	11	1.14	10.14	11.28	9.94	86.8	
Q2819-12	17M-S	12	1.19	118.66	119.85	11.15	8.4	
Q2819-13	17M-E	13	1.17	10.38	11.55	9.86	83.7	
Q2819-14	17M-W	14	1.15	10.46	11.61	10.1	85.6	
Q2819-15	17M-N	15	1.15	10.57	11.72	9.96	83.3	
Q2819-16	38M-S	16	1.15	10.77	11.92	11.1	92.4	
Q2819-17	38M-N	17	1.16	10.41	11.57	10.27	87.5	
Q2819-18	38M-W	18	1.14	10.66	11.8	10.34	86.3	
Q2819-19	38M-E	19	1.13	10.13	11.26	10.02	87.8	
Q2819-20	82H-E	20	1.17	10.64	11.81	9.38	77.2	
Q2820-01	82H-S	21	1.16	10.76	11.92	10.04	82.5	
Q2820-02	82H-W	22	1.15	11.21	12.36	10.51	83.5	
Q2820-03	82H-N	23	1.16	11.14	12.3	10.9	87.4	
Q2820-04	SOIL-DUP-1	24	1.16	10.83	11.99	10.56	86.8	
Q2820-05	518R-E	25	1.16	10.40	11.56	6.23	48.8	
Q2820-06	518R-N	26	1.18	10.55	11.73	9.35	77.4	
Q2820-07	518R-S	27	1.17	10.52	11.69	9.44	78.6	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB136783

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
Q2820-08	518R-W	28	1.13	10.80	11.93	10.74	89.0	
Q2820-09	705R-S	29	1.14	10.59	11.73	7.05	55.8	
Q2820-10	SOIL-DUP-2	30	1.15	10.87	12.02	6.41	48.4	
Q2820-11	10PC-W	31	1.11	10.25	11.36	10.58	92.4	
Q2820-12	10PC-S	32	1.19	10.52	11.71	10.88	92.1	
Q2820-13	10P-W	33	1.14	10.09	11.23	10.34	91.2	
Q2820-14	10P-E	34	1.19	10.37	11.56	9.62	81.3	
Q2820-15	10P-S	35	1.18	10.21	11.39	10.22	88.5	
Q2820-16	10P-N	36	1.11	10.09	11.2	9.81	86.2	
Q2820-17	88H-E	37	1.16	10.42	11.58	9.77	82.6	
Q2820-18	88H-N	38	1.16	10.90	12.06	10.57	86.3	
Q2820-19	88H-W	39	1.18	10.66	11.84	10.62	88.6	
Q2820-20	88H-S	40	1.18	10.12	11.3	9.74	84.6	
Q2820-21	22M-N	41	1.14	11.06	12.2	11.34	92.2	
Q2820-22	22M-W	42	1.17	10.90	12.07	6.94	52.9	
Q2820-23	22M-E	43	1.17	10.27	11.44	4.66	34.0	
Q2820-24	22M-S	44	1.13	10.68	11.81	10.63	89.0	
Q2832-01	TG-S01	45	1.15	10.46	11.61	10.92	93.4	
Q2832-03	TG-S02	46	1.18	10.41	11.59	10.97	94.0	
Q2832-05	TG-S03	47	1.15	10.50	11.65	11.00	93.8	
Q2832-07	TG-S04	48	1.17	10.58	11.75	11.02	93.1	
Q2832-09	TG-S05	49	1.15	10.40	11.55	10.6	90.9	
Q2836-02	WC-A2-15-C	75	1.18	10.38	11.56	9.67	81.8	
Q2836-06	WC-A2-16-C	76	1.19	10.43	11.62	10.66	90.8	
Q2836-10	WC-A2-17-C	77	1.19	10.48	11.67	10.96	93.2	
Q2836-14	WC-A5-02-C	78	1.19	10.17	11.36	8.8	74.8	
Q2838-01	TP-11	50	1.14	10.60	11.74	10.44	87.7	
Q2838-02	TP-11-EPH	51	1.14	10.85	11.99	9.57	77.7	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB136783

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
Q2838-03	TP-11-VOC	52	1.19	11.24	12.43	9.97	78.1	
Q2838-05	TP-10	53	1.14	11.08	12.22	10.75	86.7	
Q2838-06	TP-10-EPH	54	1.18	10.42	11.6	7.63	61.9	
Q2838-07	TP-10-VOC	55	1.18	10.50	11.68	8.68	71.4	
Q2839-01	BC274436-1-1	56	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-02	BC274436-1-2	57	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-03	BC151973-1-1	58	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-04	BC151973-1-2	59	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-05	BC271336-1-1	60	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-06	BC271336-1-2	61	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-07	BC271242-1-1	62	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-08	BC271242-1-2	63	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-09	BC271242-2-1	64	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-10	BC271242-2-2	65	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-11	BC226751-1-1	66	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-12	BC226751-1-2	67	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-13	BC226751-2-1	68	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-14	BC226751-2-2	69	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-15	JEC773V-1-1	70	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-16	JEC773V-1-2	71	1.00	1.00	2.00	2.00	100.0	PILC
Q2840-01	0804-SOIL	72	1.12	11.32	12.44	10.42	82.2	
Q2840-02	0804-D	73	1.00	1.00	2.00	2.00	100.0	debris

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 136783

WorkList Name : %1-081225 **WorkList ID :** 191210 **Department :** Wet-Chemistry **Date :** 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2820-06	518R-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-07	518R-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-08	518R-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-09	705R-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-10	SOIL-DUP-2	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2819-19	38M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-20	82H-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-01	82H-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-02	82H-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-03	82H-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-04	SOIL-DUP-1	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-13	17M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-14	17M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-15	17M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-16	38M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-17	38M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-18	38M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-07	11M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-08	11M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-09	84SB-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-10	84SB-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO

Date/Time 08112125 1510

Raw Sample Received by: SB WC

Raw Sample Relinquished by:

Date/Time 08112125 1735

Raw Sample Received by:

Raw Sample Relinquished by: SB WC

WORKLIST(Hardcopy Internal Chain)

VB 136783

WorkList Name : %1-081225 **WorkList ID :** 191210 **Department :** Wet-Chemistry **Date :** 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2819-01	22BP-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-02	22BP-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-03	22BP-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-04	22BP-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-05	11M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-06	11M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2820-23	22M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-24	22M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-17	88H-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-18	88H-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-19	88H-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-20	88H-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-21	22M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-22	22M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-11	10PC-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-12	10PC-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-13	10P-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-14	10P-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-15	10P-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-16	10P-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-05	518R-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO

Date/Time 08/12/25 15:00

Raw Sample Received by: JB WSC

Raw Sample Relinquished by: [signature]

Date/Time 08/12/25 17:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JB WSC

WORKLIST(Hardcopy Internal Chain)

VB 136783

WorkList Name : %1-081225 **WorkList ID :** 191210 **Department :** Wet-Chemistry **Date :** 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2839-04	BC151973-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-05	BC271336-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-06	BC271336-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-07	BC271242-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-08	BC271242-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-09	BC271242-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-10	BC271242-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-11	BC226751-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-12	BC226751-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-13	BC226751-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-14	BC226751-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-15	JEC773V-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-16	JEC773V-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2840-01	0804-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/12/2025	Chemtech -SO
Q2840-02	0804-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/12/2025	Chemtech -SO

Date/Time 08112125 15:00
Raw Sample Received by: SB WPC
Raw Sample Relinquished by:

Date/Time 08112125 17:35
Raw Sample Received by:
Raw Sample Relinquished by: SB WPC

WS 131783

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-081225 **WorkList ID :** 191210 **Department :** Wet-Chemistry **Date :** 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2819-11	84SB-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-12	17M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2832-01	TG-S01	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2732-02	WC-A7-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J21	08/12/2025	Chemtech -SO
Q2832-03	TG-S02	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2832-05	TG-S03	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2832-07	TG-S04	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2832-09	TG-S05	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/12/2025	Chemtech -SO
Q2836-02	WC-A2-15-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2836-06	WC-A2-16-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2836-10	WC-A2-17-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2836-14	WC-A5-02-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2838-01	TP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-02	TP-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-03	TP-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-05	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-06	TP-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-07	TP-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2839-01	BC274436-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-02	BC274436-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-03	BC151973-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO

Date/Time 08/12/25 15:00

Raw Sample Received by: SB WDC

Raw Sample Relinquished by: CP SM

Date/Time 08/12/25 17:35

Raw Sample Received by: CP SM

Raw Sample Relinquished by: SB WDC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169205

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	08/12/2025
Matrix :	Solid			**Extraction Start Time :**	08:15
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:30
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	EP2632
Sand	N/A	E3951
Hexane	N/A	E3962
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

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
8/12/25	RS (Ext lab)	Y. P. post/PLB.
11:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169205

Analytical Method: N/A

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169205BL	ABLK205	PCB	30.03	N/A	ritesh	RUPESH	10			U1-1
PB169205BS	ALCS205	PCB	30.01	N/A	ritesh	RUPESH	10			2
Q2818-01	B-2-5-1	PCB	30.07	N/A	ritesh	RUPESH	10	B		3
Q2818-02	B-3-5-2	PCB	30.03	N/A	ritesh	RUPESH	10	B		4
Q2819-06	11M-S	PCB	30.05	N/A	ritesh	RUPESH	10	E		5
Q2819-11	84SB-W	PCB	30.02	N/A	ritesh	RUPESH	10	E		6
Q2819-14	17M-W	PCB	30.08	N/A	ritesh	RUPESH	10	E		U2-1
Q2820-09	705R-S	PCB	30.06	N/A	ritesh	RUPESH	10	E		2
Q2820-10	SOIL-DUP-2	PCB	30.09	N/A	ritesh	RUPESH	10	E		3
Q2820-24	22M-S	PCB	30.01	N/A	ritesh	RUPESH	10	E		4
Q2823-01	SU-04-081125	PCB	30.04	N/A	ritesh	RUPESH	10	E		5
Q2826-01	WC1	PCB	30.08	N/A	ritesh	RUPESH	10			6
Q2827-01	TP-8	PCB	30.07	N/A	ritesh	RUPESH	10	E		U3-1
Q2827-05	TP-9	PCB	30.02	N/A	ritesh	RUPESH	10	E	Gasoline Smell	2
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	PCB	30.06	N/A	ritesh	RUPESH	10	E		3
Q2830-01MS	BIN0009-DRIVEWAY-TP-SOUTH-EASTMS	PCB	30.01	N/A	ritesh	RUPESH	10	E		4
Q2830-01MSD	BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD	PCB	30.03	N/A	ritesh	RUPESH	10	E		5
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	PCB	30.09	N/A	ritesh	RUPESH	10	E		6
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	PCB	30.06	N/A	ritesh	RUPESH	10	E		U6-1
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	PCB	30.04	N/A	ritesh	RUPESH	10	E		2
Q2831-01	VNJ-238	PCB	30.08	N/A	ritesh	RUPESH	10	B		3

RJ 8/12

* **Extracts relinguished on the same date as received.**

169205 8:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2818 **WorkList ID :** 191213 **Department :** Extraction **Date :** 08-12-2025 08:10:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	PCB	Cool 4 deg C	EARTH03		08/11/2025	8082A
Q2818-02	B-3-5-2	Solid	PCB	Cool 4 deg C	EARTH03		08/11/2025	8082A
Q2819-06	11M-S	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/05/2025	8082A
Q2819-11	84SB-W	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/05/2025	8082A
Q2819-14	17M-W	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/05/2025	8082A
Q2820-09	705R-S	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/07/2025	8082A
Q2820-10	SOIL-DUP-2	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/07/2025	8082A
Q2820-24	22M-S	Solid	PCB	Cool 4 deg C	FIRS02	D31	08/08/2025	8082A
Q2823-01	SU-04-081125	Solid	PCB	Cool 4 deg C	PSEG05	D31	08/11/2025	8082A
Q2826-01	WC1	Solid	PCB	Cool 4 deg C	GENV01	D31	08/11/2025	8082A
Q2827-01	TP-8	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2827-05	TP-9	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-01	BIN009-DRIVEWAY-TP-SOUTH	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-03	BIN009-DRIVEWAY-TP-WEST	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-05	BIN009-DRIVEWAY-TP-WEST5	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2830-07	BIN009-DRIVEWAY-TP-EASTS	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/11/2025	8082A
Q2831-01	VNJ-238	Solid	PCB	Cool 4 deg C	PSEG03	D21	08/11/2025	8082A

Date/Time 08/12/25 8:10
Raw Sample Received by: RJ (EXT-Lab)
Raw Sample Relinquished by: CR

Date/Time 08/12/25 8:40
Raw Sample Received by: CR
Raw Sample Relinquished by: RJ (EXT-Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : Q2819

Test : PCB

Prepbatch ID : PB169205,

Sequence ID/Qc Batch ID: PO081225,PP081225,

Standard ID :

EP2610,EP2627,EP2632,PP24329,PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369,PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24650,PP24663,

Chemical ID :

E3804,E3875,E3877,E3940,E3944,E3949,E3950,E3951,E3962,M6157,P11522,P12699,P12702,P12931,P12936,P12949,P12950,P12957,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13786,P13830,P13878,P13883,W3112,W3177,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2632	08/11/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 08/11/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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

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
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

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
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

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
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

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
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3940

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

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)	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	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

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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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CHEMICAL RECEIPT LOG BOOK

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

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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

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor | J.T.Baker

M615 MB

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

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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

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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

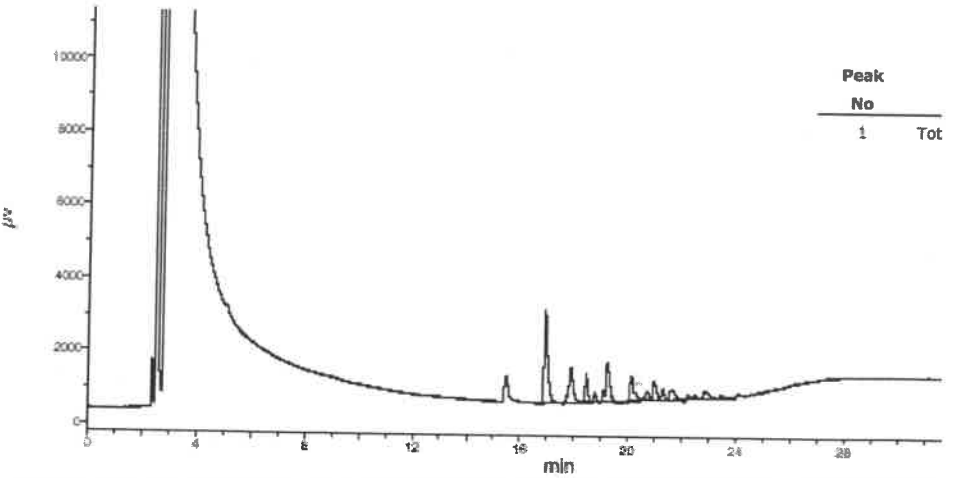
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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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.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

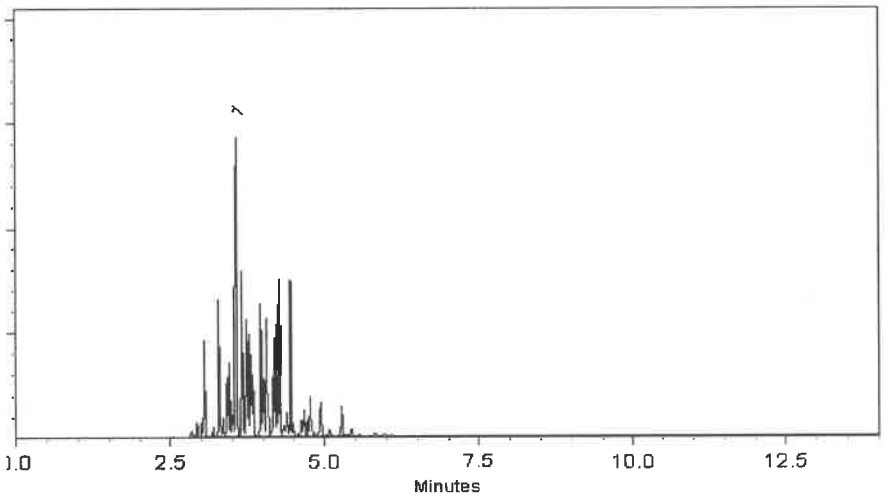
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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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.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

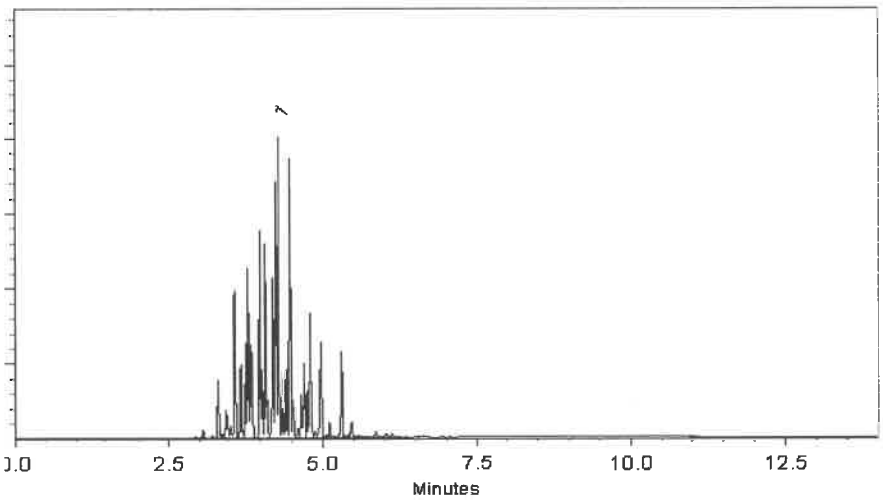
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

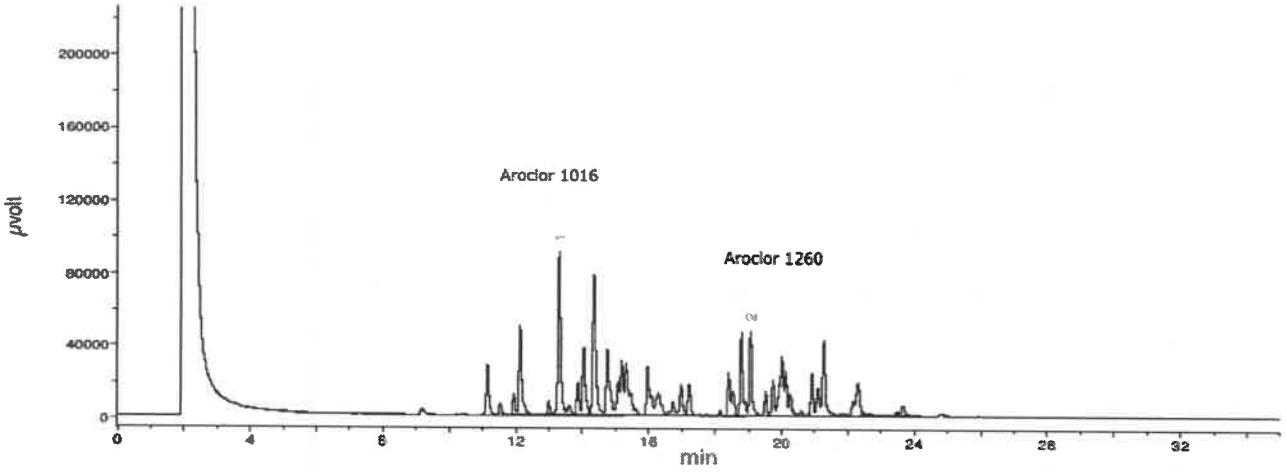
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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Certified Reference Material CRM

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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):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

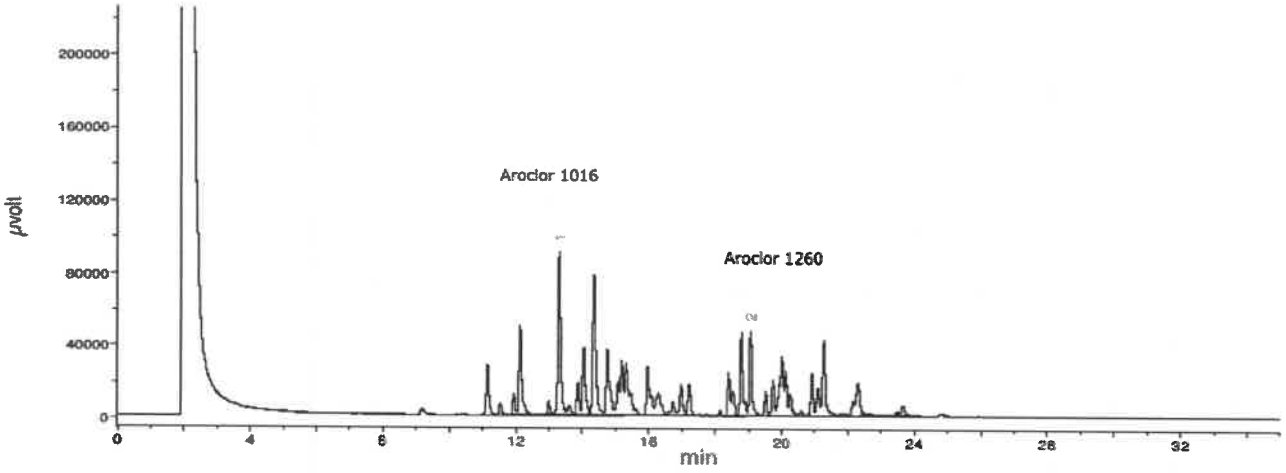
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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
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CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

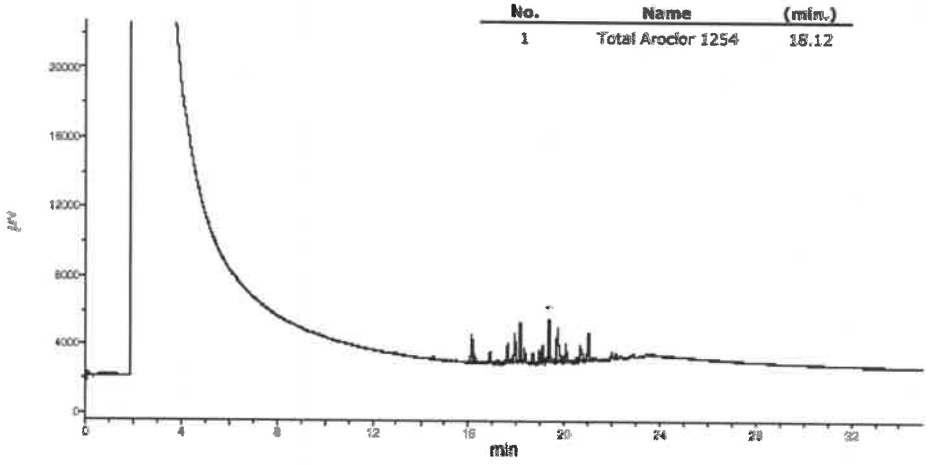
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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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)

04/25/2024

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

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

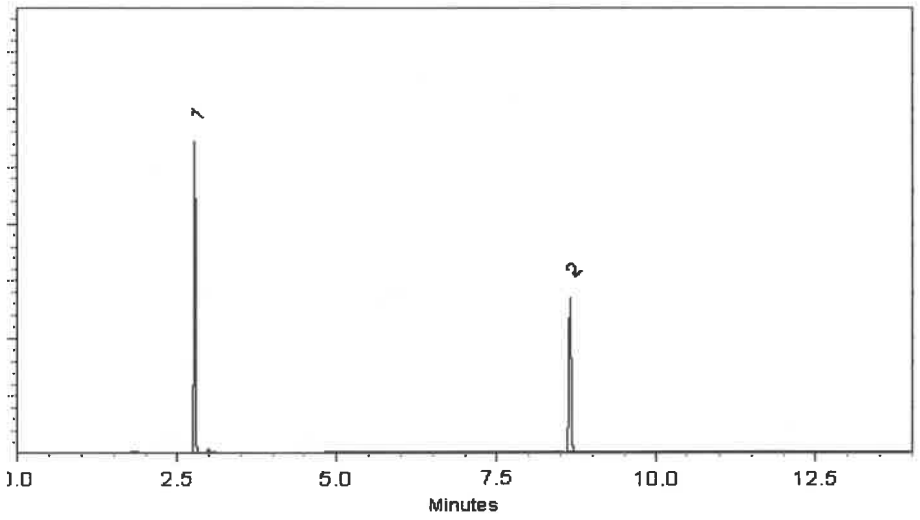
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)

↓

P13357

04/25/2025

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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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Agilent

Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

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.)

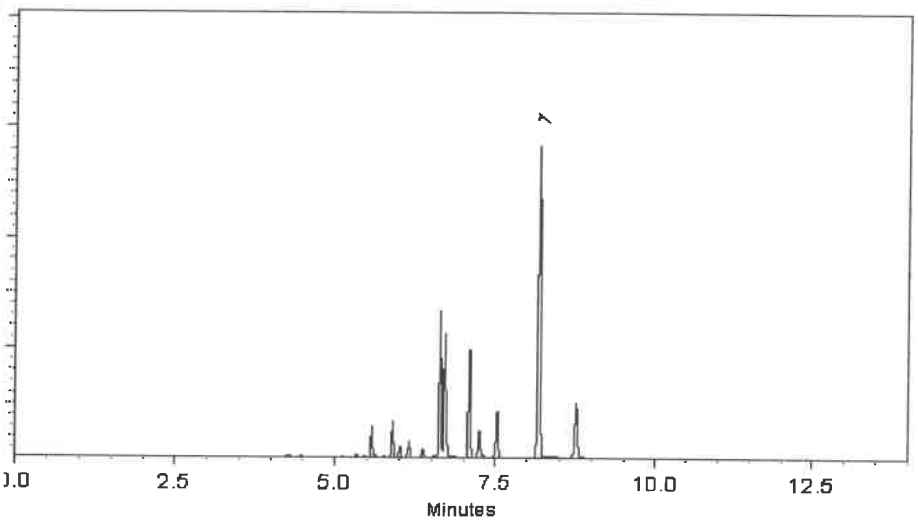
Inj. Temp:
250°C

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

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
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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
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P13592

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10/14/2024

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

RESTEK
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Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

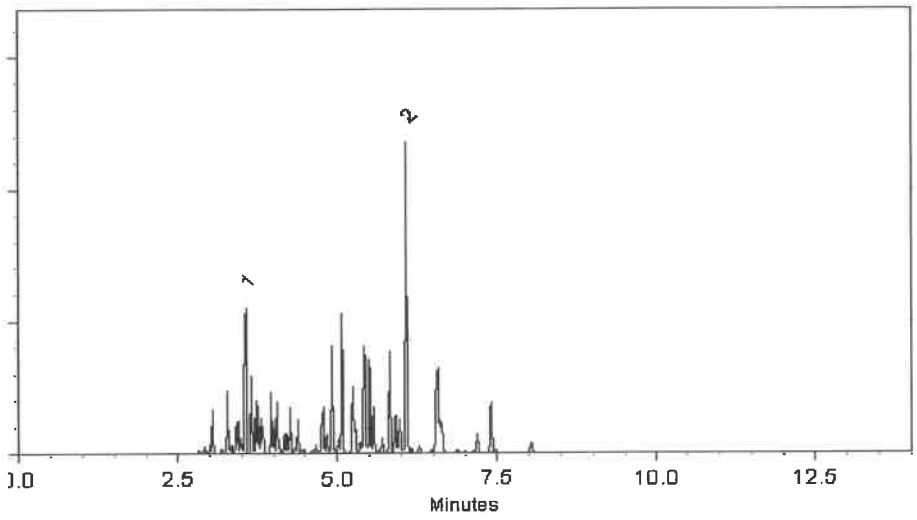
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

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Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0215270

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13702 & P13703 } Y.P. 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	14969200	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

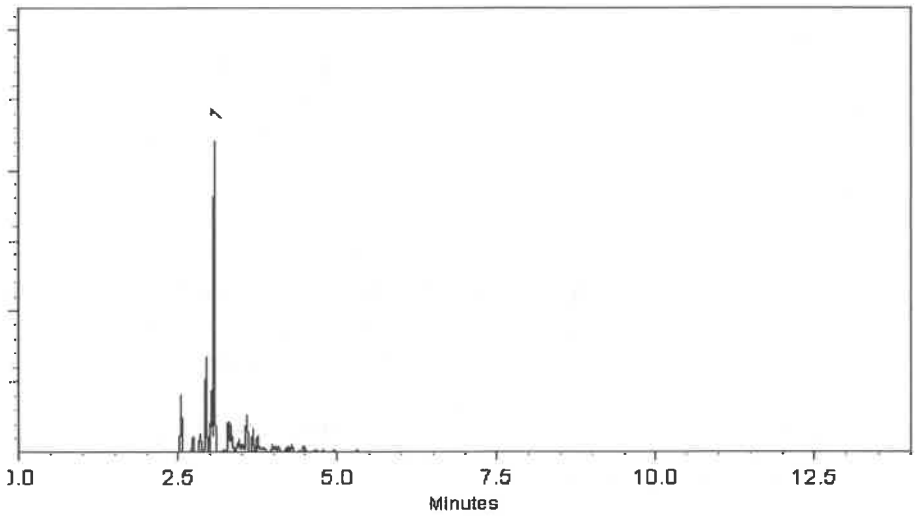
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 16-Aug-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate #3222.01

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. : 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

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P19789
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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.)

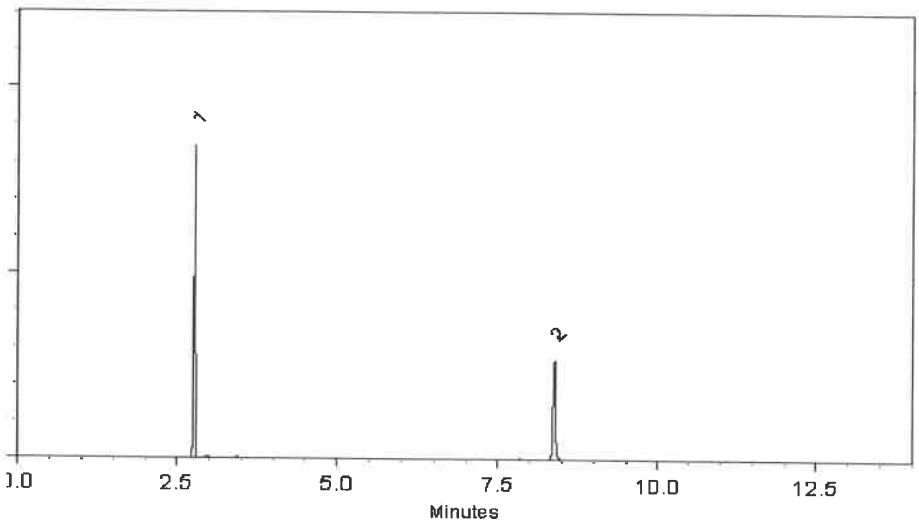
Inj. Temp:
250°C

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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
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P13832

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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.)

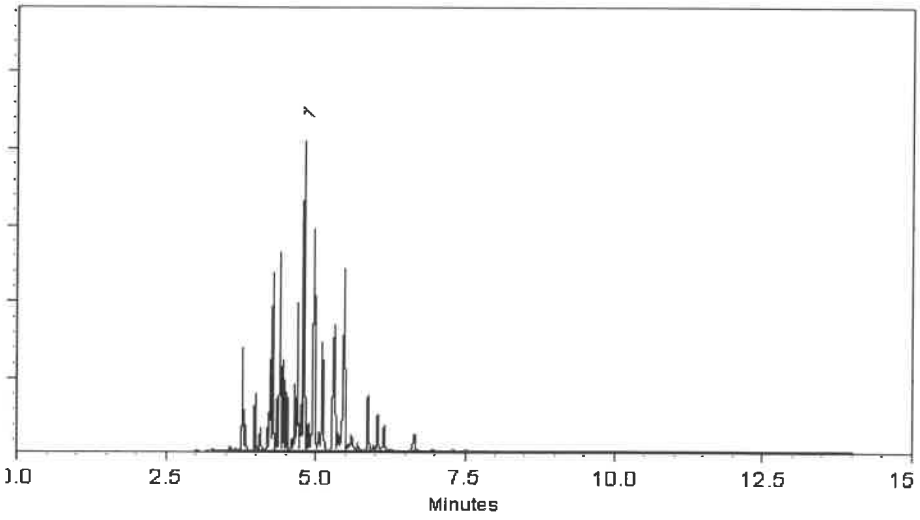
Inj. Temp:
250°C

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

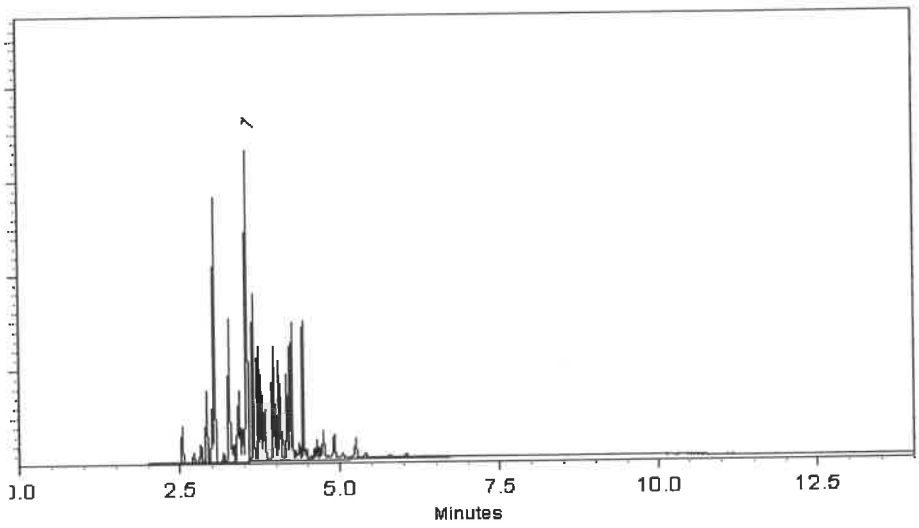
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0220950

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P138852
↓
P138853

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

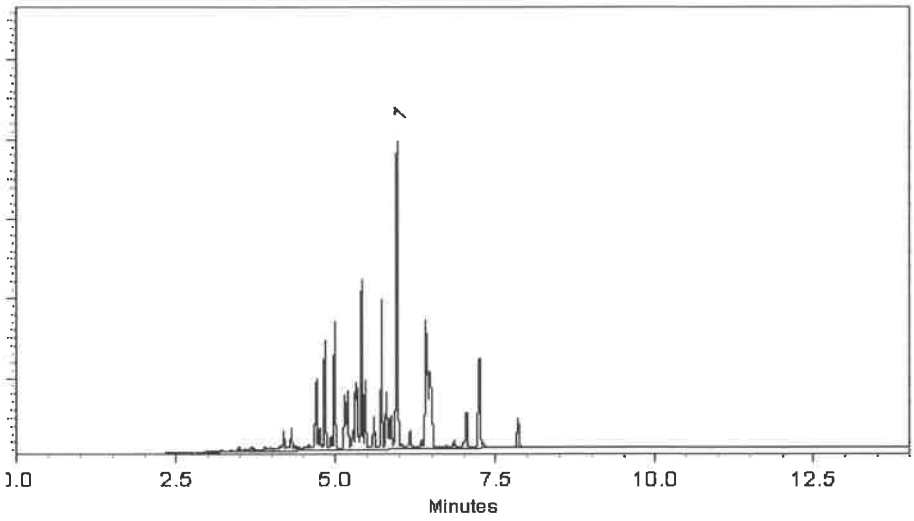
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-Jan-2025 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2819
COC Number 2045329

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: First Environment
ADDRESS: 10 Park Pl Bldg 1A Suite 304
CITY Butler STATE: NJ ZIP: 07405
ATTENTION: Al Smith
PHONE: 973-334-0003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: USACE FIMP
PROJECT NO.: USACE018-44 LOCATION: Long Island, NY
PROJECT MANAGER: Al Smith
e-mail: asmith@firstenvironment.com
PHONE: 973-334-0003 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☒ EDD FORMAT NYSDEC

ANALYSIS

1: VOC / SVOC 2: Pest. / PCB 3. metals 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	22BP-N	S			8/4/25	1500	5	X								
2.	22BP-E	S				1434	5	X								
3.	22BP-W	S				1418	5	X								
4.	22BP-S	S				1427	5	X								
5.	11M-W	S			8/5/25	1015	5	X								
6.	11M-S	S				0955	7	X	X	X						
7.	11M-N	S				1100	5	X								
8.	11M-E	S				1110	5	X								
9.	845B-E	S				1340	5	X								
10.	845B-S	S				1410	5	X								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. GMC	6:01	1. 8.8.25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.8i °C
Comments:

Page 1 of 5

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2819
COC Number 2045330

CLIENT INFORMATION (REPORT TO BE SENT TO:)
COMPANY:
ADDRESS: See page 1
CITY STATE: ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION
BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION
☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
☒ EDD FORMAT NYSDEC

ANALYSIS
1: VOC / 2: SVOC / 3: Pest / 4: PCB / 5: Metals / 6 / 7 / 8 / 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	84 SB-W	S	C		8/5/25	1400	7	X	X	X							
2.	17M-S					1605	5	X									
3.	17M-E					1700	5	X									
4.	17M-W					1620	7	X	X	X							
5.	17M-N					1640	5	X									
6.	38M-S				8/6/25	0935	5	X									
7.	38M-N					1005	5	X									
8.	38M-W					0955	5	X	X	X							
9.	38M-E					1020	5	X									
10.	82H-E					1205	5	X									

Specify Preservatives: A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. GMC	6:01	1. 8.8.25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.6 °C
Comments:

Page 2 of 5

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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 : Q2819 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 12:06:00 PM
Project Name : USACE018-44 DOD
Receive DateTime : 8/8/2025 6:01:00 PM
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
Q2819-01	22BP-N	Solid	08/04/2025	15:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-02	22BP-E	Solid	08/04/2025	14:34					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-03	22BP-W	Solid	08/04/2025	14:18					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-04	22BP-S	Solid	08/04/2025	14:27					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-05	11M-W	Solid	08/05/2025	10:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-06	11M-S	Solid	08/05/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-07	11M-N	Solid	08/05/2025	11:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-08	11M-E	Solid	08/05/2025	11:10					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2819 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 12:06:00 PM
Project Name : USACE018-44 DOD
Receive DateTime : 8/8/2025 6:01:00 PM
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
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-09	845SB-E	Solid	08/05/2025	13:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-10	845SB-S	Solid	08/05/2025	14:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-11	845SB-W	Solid	08/05/2025	14:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-12	17M-S	Solid	08/05/2025	16:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-13	17M-E	Solid	08/05/2025	17:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-14	17M-W	Solid	08/05/2025	16:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-15	17M-N	Solid	08/05/2025	16:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

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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
Q2819-16	38M-S	Solid	08/06/2025	09:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-17	38M-N	Solid	08/06/2025	10:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-18	38M-W	Solid	08/06/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-19	38M-E	Solid	08/06/2025	10:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-20	82H-E	Solid	08/06/2025	12:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 8-11-25 1450

Received By :
Date / Time : 08/11/25 14:50
Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:27
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.670	3.662	207.9E6	127.8E6	24.188	24.425
2) SA	Decachlor...	8.693	8.639	191.8E6	47304642	25.044	25.765
	Target Compounds						
3) L1	AR-1016-1	4.756	4.737	69875317	44959652	245.828	253.500
4) L1	AR-1016-2	4.774	4.756	105.2E6	68066920	246.833	255.376
5) L1	AR-1016-3	4.831	4.931	65721962	35251812	244.790	253.028
6) L1	AR-1016-4	4.951	4.973	53435135	29674672	244.973	262.052
7) L1	AR-1016-5	5.207	5.185	58842499	38084113	256.222	260.764
31) L7	AR-1260-1	6.244	6.213	125.2E6	69330497	277.528	268.518
32) L7	AR-1260-2	6.434	6.401	189.6E6	85155201	272.943	257.556
33) L7	AR-1260-3	6.800	6.553	153.7E6	66184896	249.524	251.419
34) L7	AR-1260-4	7.059	7.022	126.3E6	50234042	267.727	258.471
35) L7	AR-1260-5	7.302	7.264	336.9E6	108.7E6	257.581	254.474

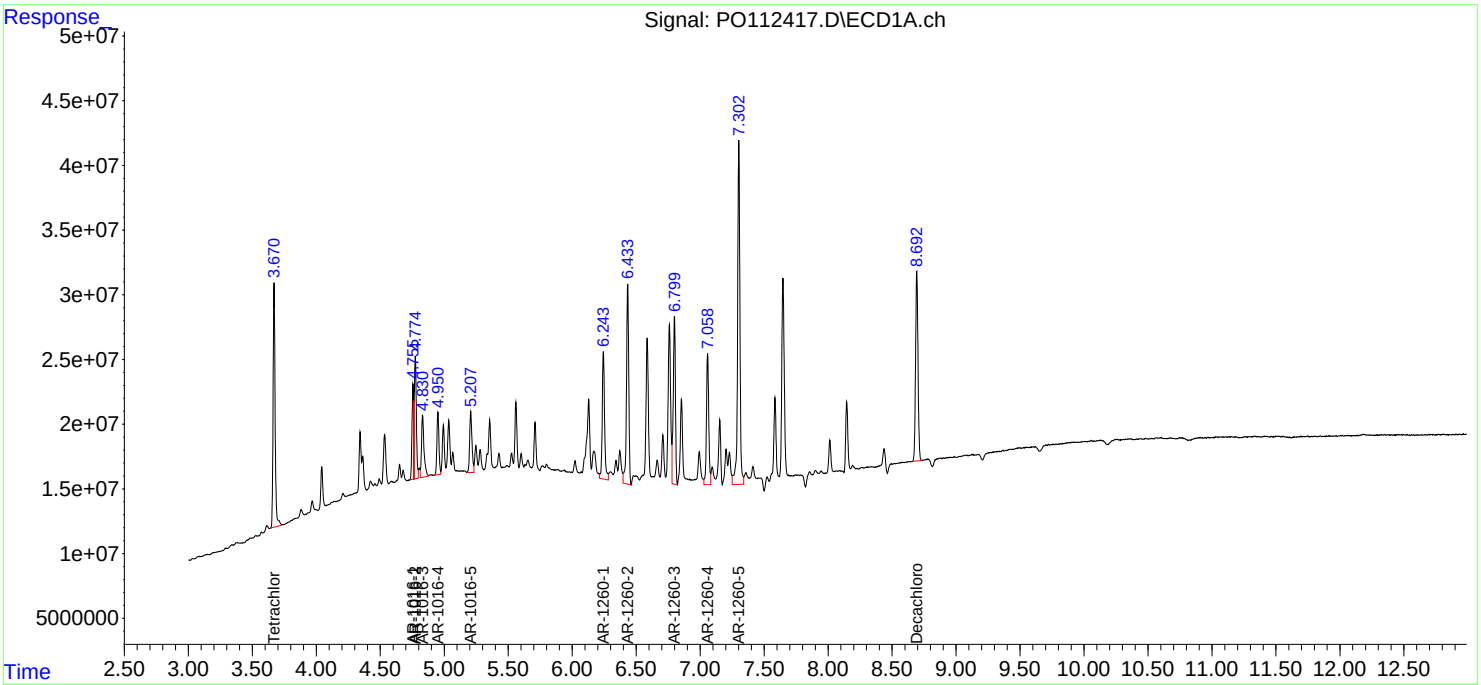
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

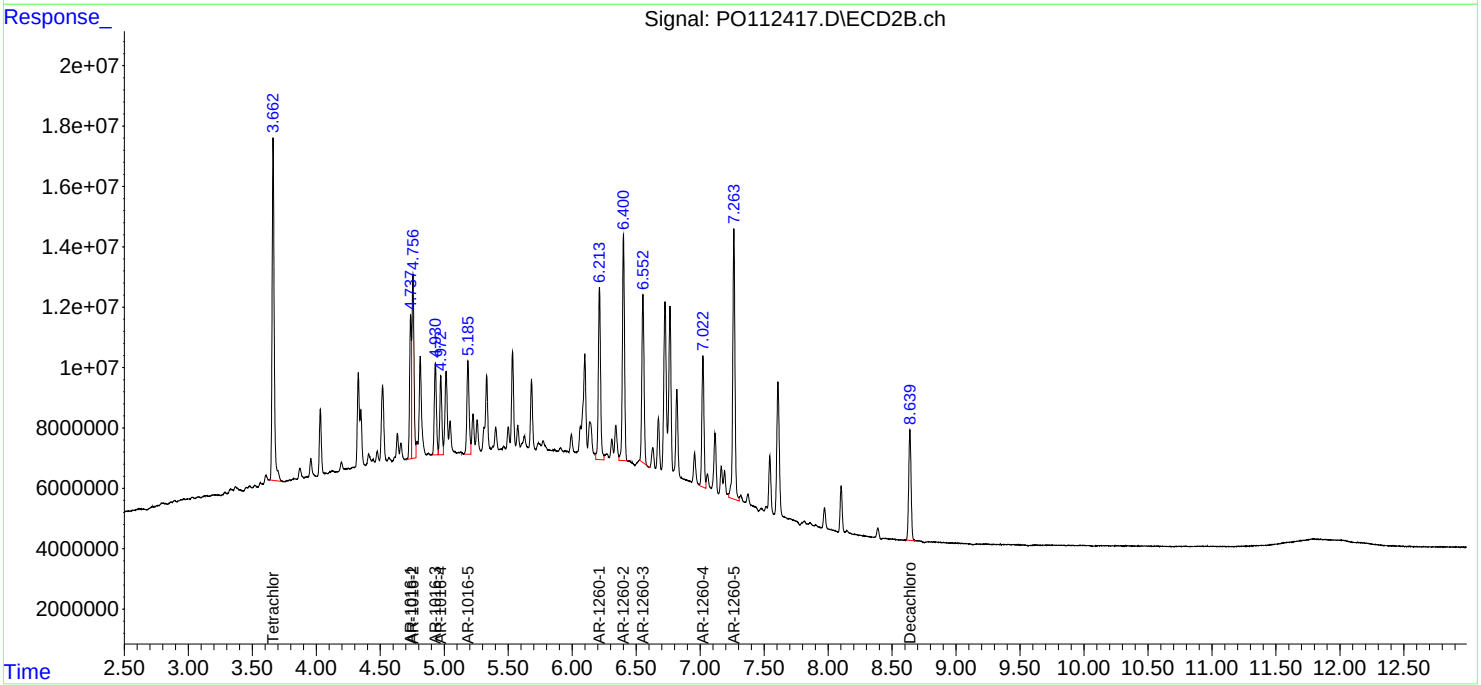
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:27
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

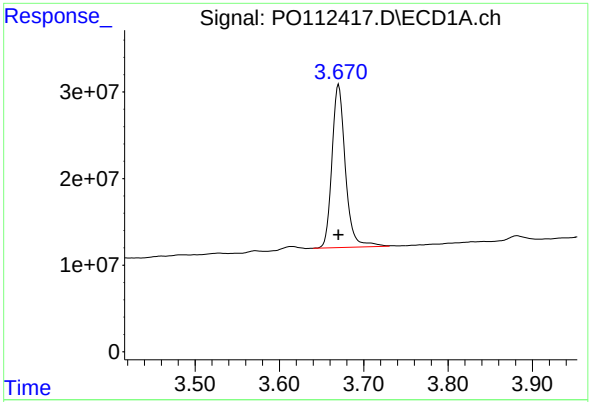
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 12:41:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 12:41:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



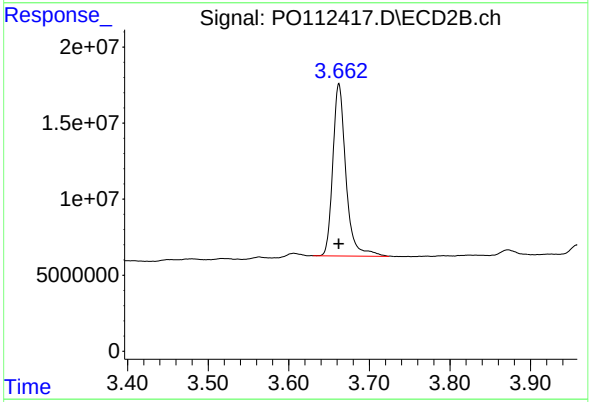




#1 Tetrachloro-m-xylene

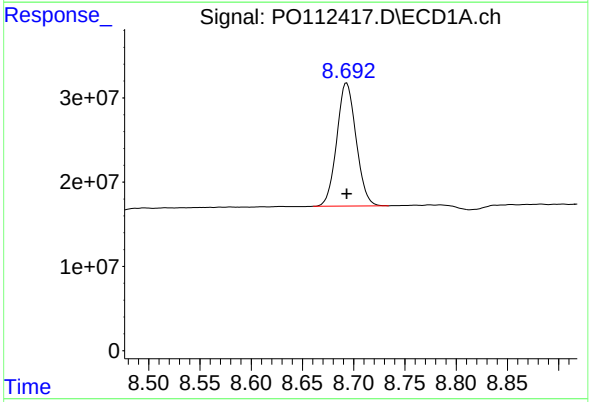
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 207865500
Conc: 24.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



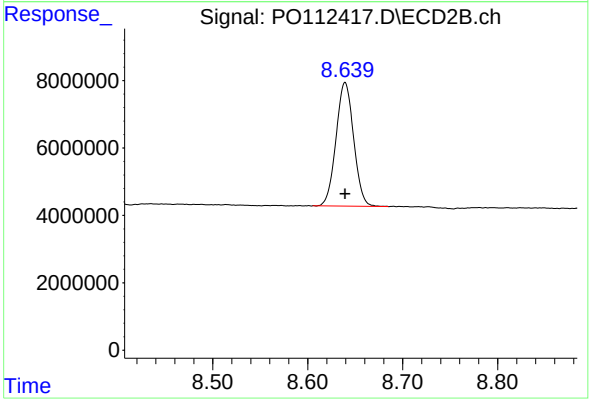
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 127780164
Conc: 24.42 ng/ml



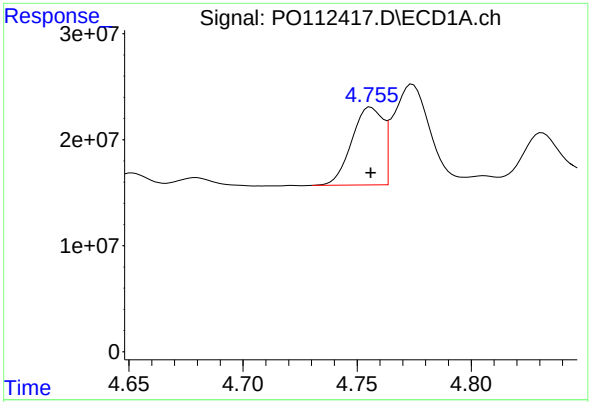
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 191806392
Conc: 25.04 ng/ml



#2 Decachlorobiphenyl

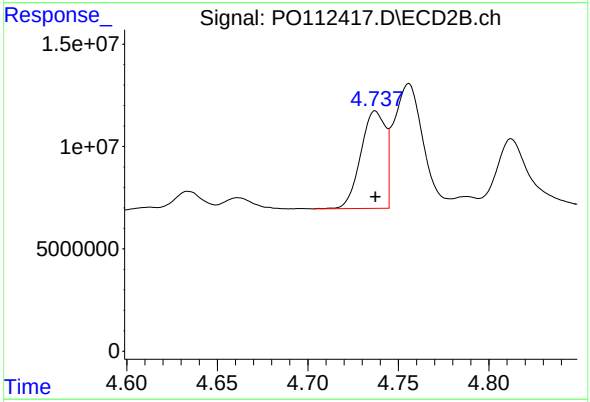
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 47304642
Conc: 25.76 ng/ml



#3 AR-1016-1

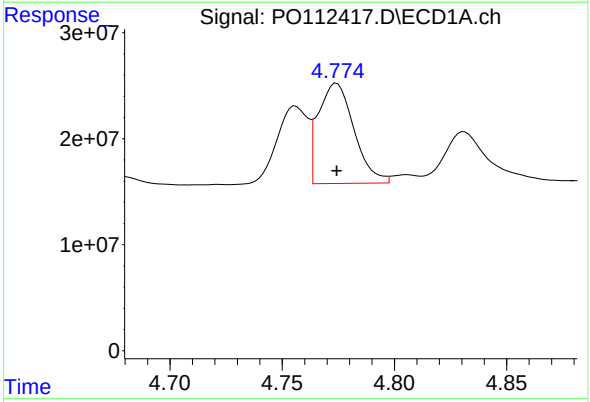
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 69875317
Conc: 245.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



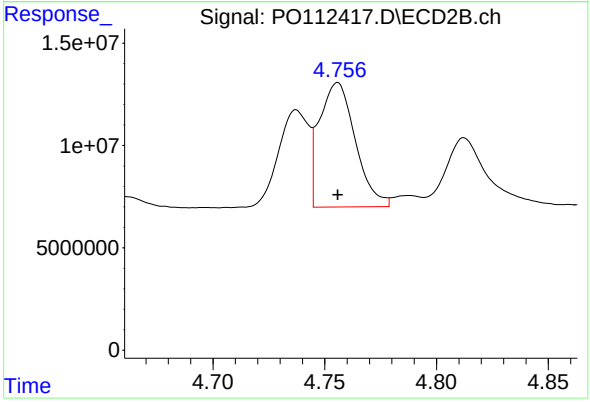
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 44959652
Conc: 253.50 ng/ml



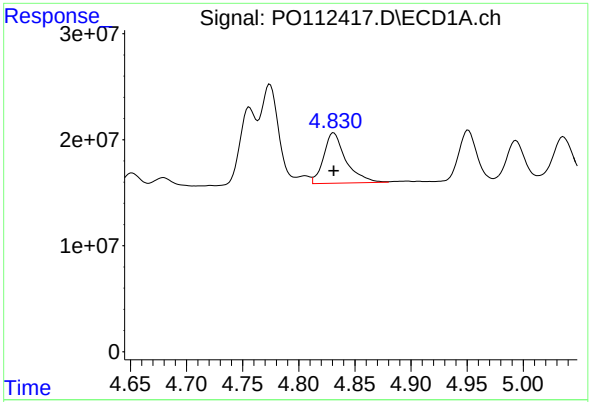
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 105176225
Conc: 246.83 ng/ml



#4 AR-1016-2

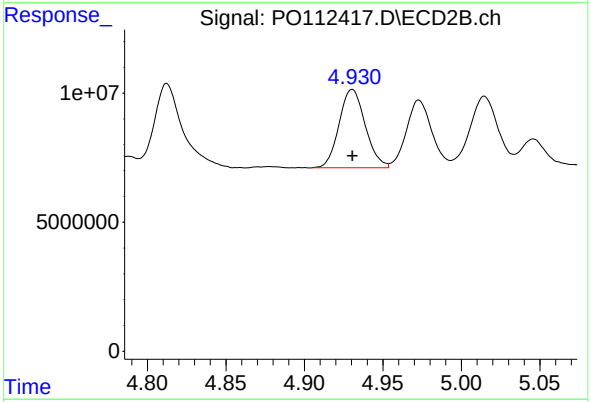
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 68066920
Conc: 255.38 ng/ml



#5 AR-1016-3

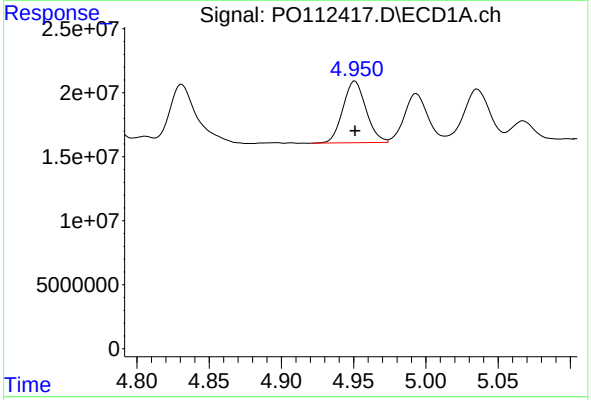
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 65721962
Conc: 244.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



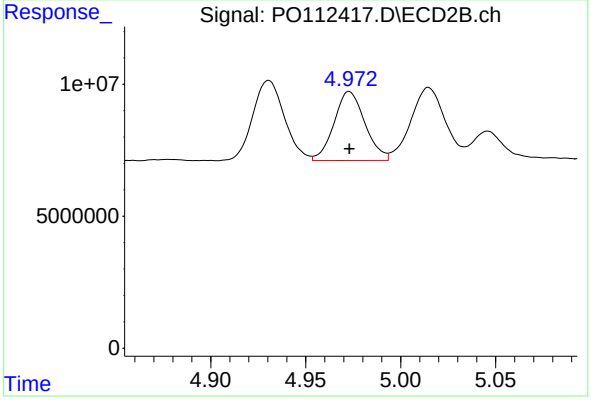
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 35251812
Conc: 253.03 ng/ml



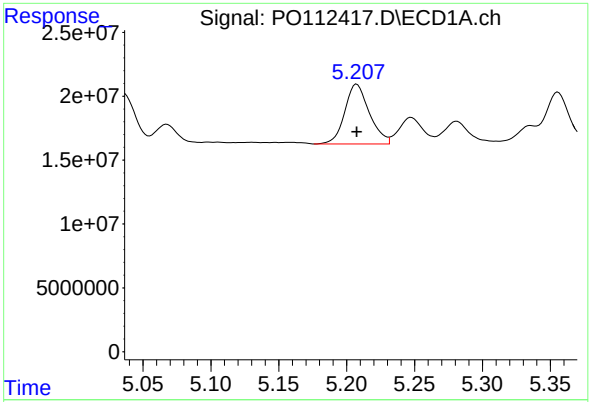
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 53435135
Conc: 244.97 ng/ml



#6 AR-1016-4

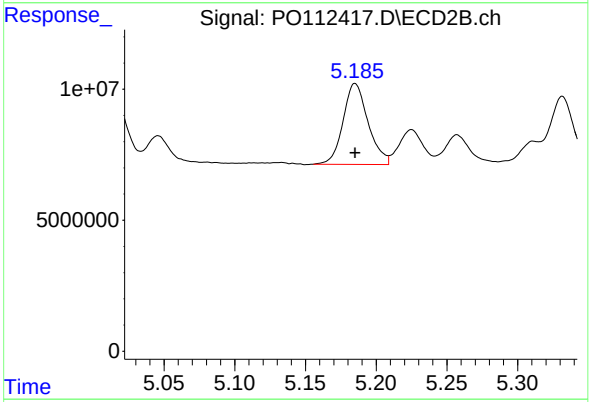
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 29674672
Conc: 262.05 ng/ml



#7 AR-1016-5

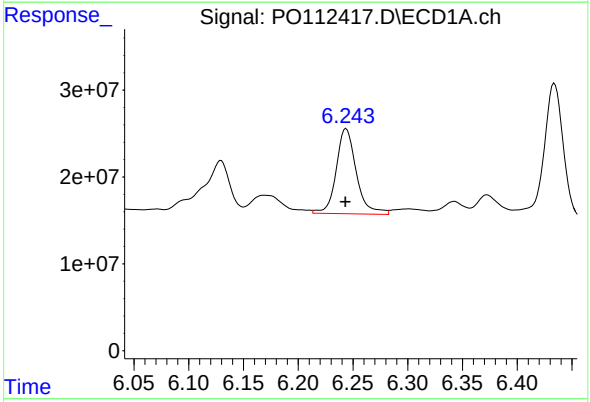
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 58842499
Conc: 256.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



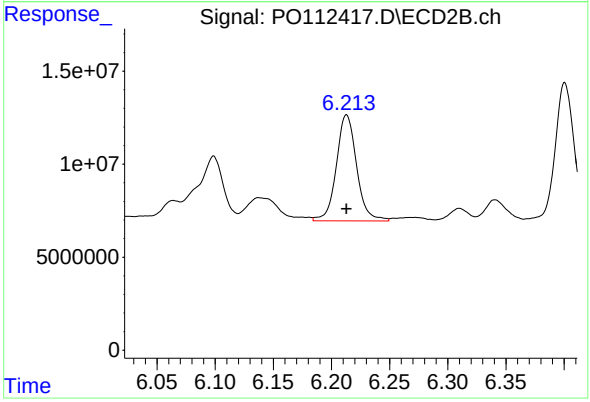
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 38084113
Conc: 260.76 ng/ml



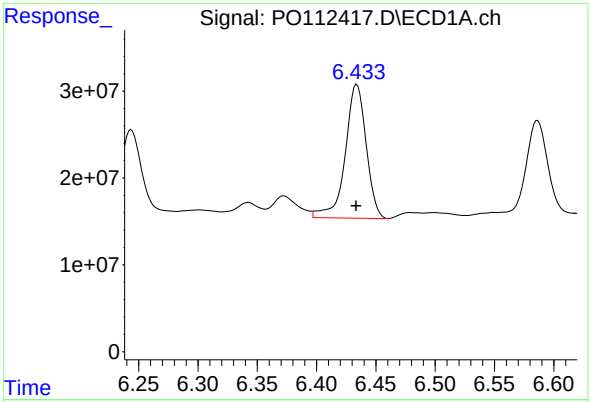
#31 AR-1260-1

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 125178335
Conc: 277.53 ng/ml



#31 AR-1260-1

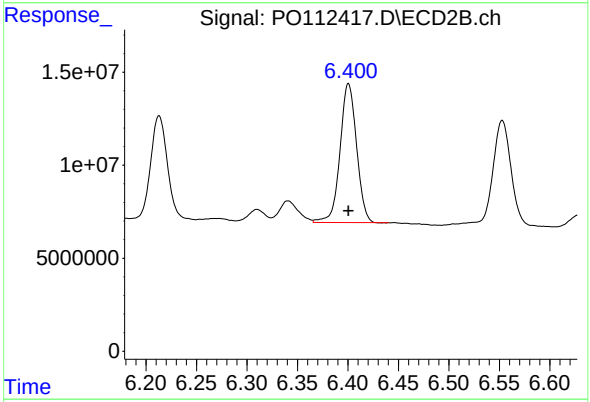
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 69330497
Conc: 268.52 ng/ml



#32 AR-1260-2

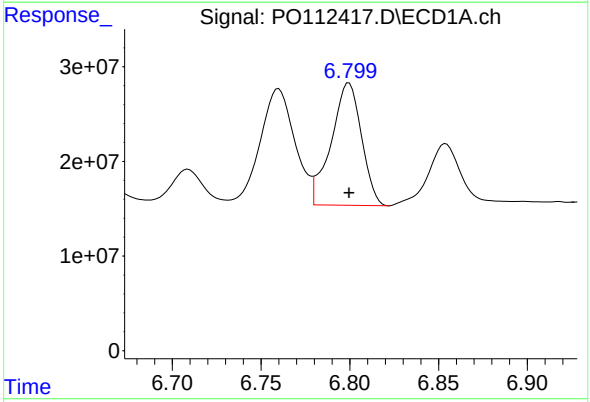
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 189593196
Conc: 272.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



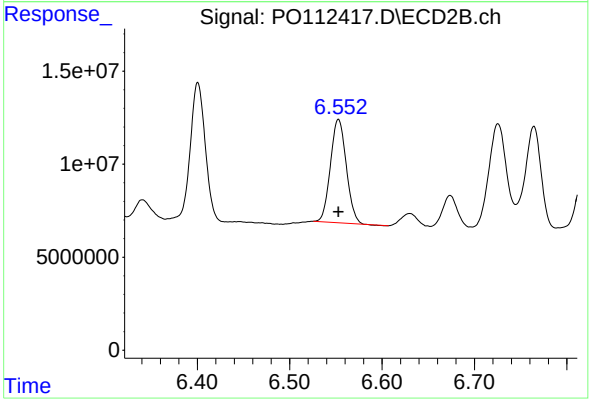
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 85155201
Conc: 257.56 ng/ml



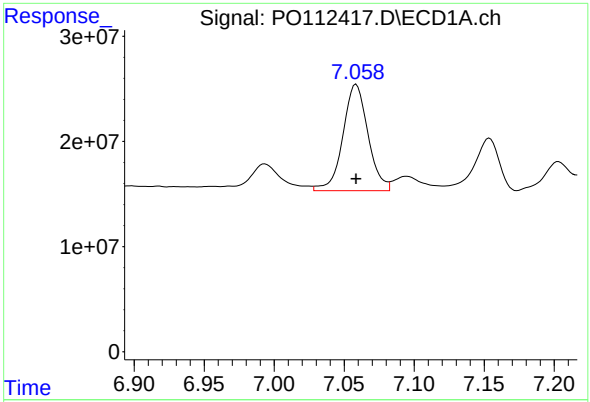
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 153678285
Conc: 249.52 ng/ml



#33 AR-1260-3

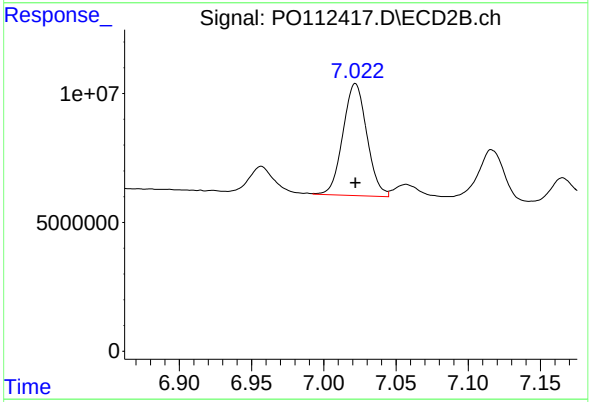
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 66184896
Conc: 251.42 ng/ml



#34 AR-1260-4

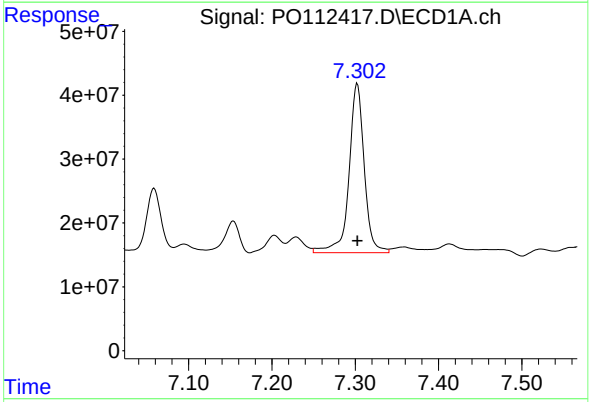
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 126280400
Conc: 267.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



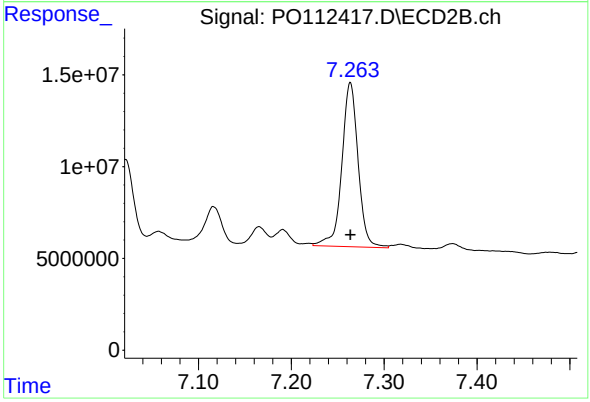
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 50234042
Conc: 258.47 ng/ml



#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 336866700
Conc: 257.58 ng/ml



#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 108703906
Conc: 254.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:45
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 13:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:01:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.662	31417194	19597973	3.883	3.906
2)	SA Decachlor...	8.693	8.640	29621580	7457220	4.051	4.220
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	10242412	8280603	38.166	47.316
4)	L1 AR-1016-2	4.774	4.756	16308940	11816564	40.158	45.362
5)	L1 AR-1016-3	4.832	4.931	11721947	6127662	44.796	45.067
6)	L1 AR-1016-4	4.951	4.973	9335010	5123227	44.066	46.120
7)	L1 AR-1016-5	5.208	5.185	15148752	7917067	69.940	55.630
31)	L7 AR-1260-1	6.245	6.213	19551344	13747865	44.503	53.350
32)	L7 AR-1260-2	6.434	6.402	32919190	16247800	47.855	49.311
33)	L7 AR-1260-3	6.801	6.553	23827559	9733666	40.522	38.662
34)	L7 AR-1260-4	7.060	7.022	18415991	8957569	40.833	46.822
35)	L7 AR-1260-5	7.303	7.265	48222745	17614159	38.916	42.733
36)	L8 AR-1262-1	6.801	6.764	23827559	12127374	50.000	50.000
37)	L8 AR-1262-2	7.303	7.265	48222745	17614159	50.000	50.000
38)	L8 AR-1262-3	7.585	7.545	16287328	4284383	50.000	50.000
39)	L8 AR-1262-4	7.649	7.608	35754287	10013446	50.000	50.000
40)	L8 AR-1262-5	8.146	8.102	14312589	2665703	50.000	50.000
41)	L9 AR-1268-1	7.585	7.545	16287328	4284383	50.000	50.000
42)	L9 AR-1268-2	7.649	7.608	35754287	10013446	50.000	50.000
43)	L9 AR-1268-3	7.855	7.818	-141825	-8046	50.000	50.000
44)	L9 AR-1268-4	8.146	8.102	14312589	2665703	50.000	50.000
45)	L9 AR-1268-5	8.440	8.387	3715372	692132	50.000	50.000

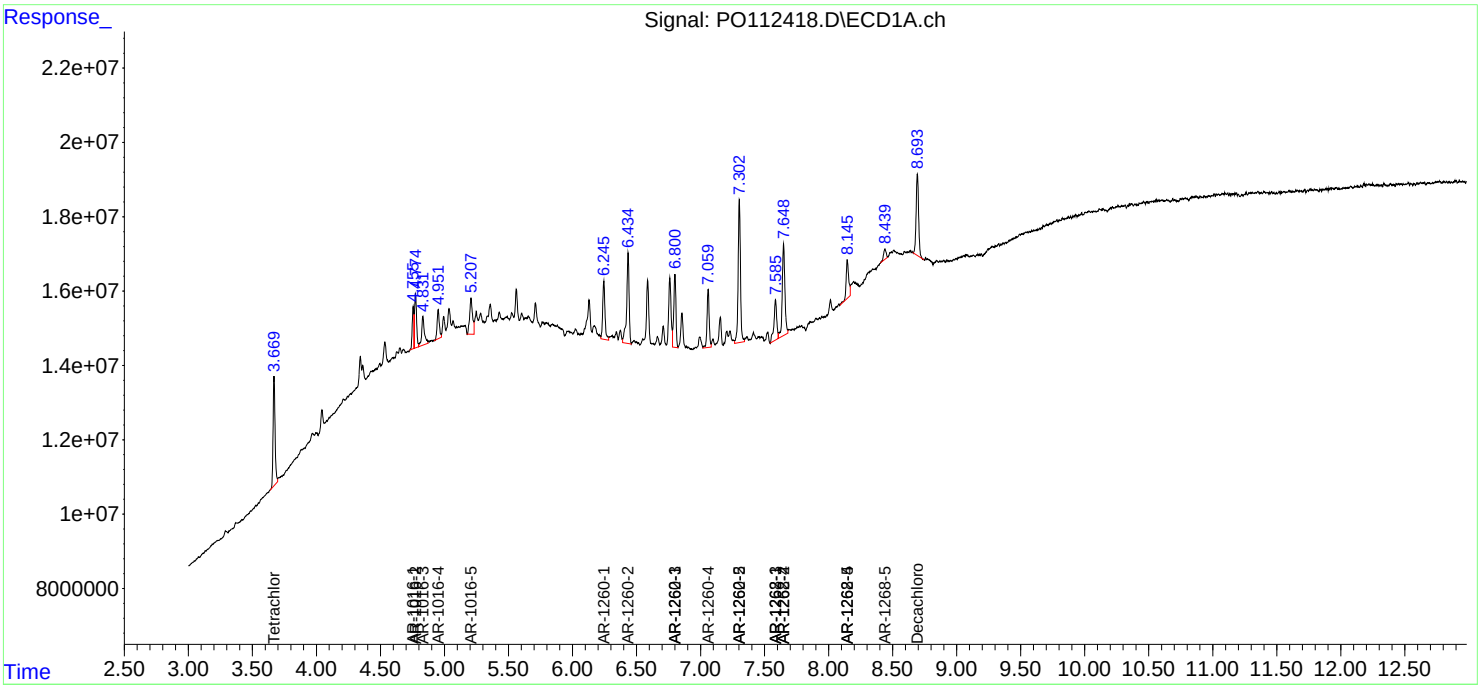
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

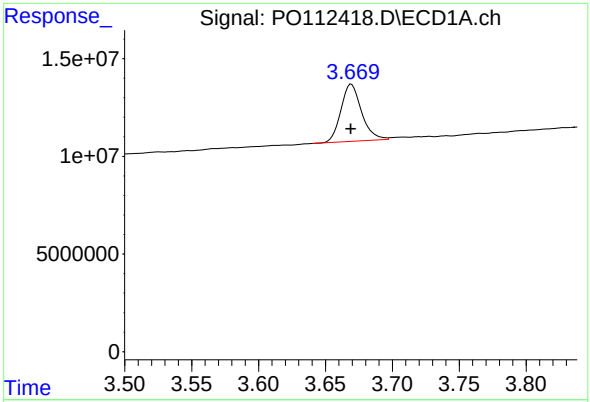
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:45
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 13:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 13:01:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

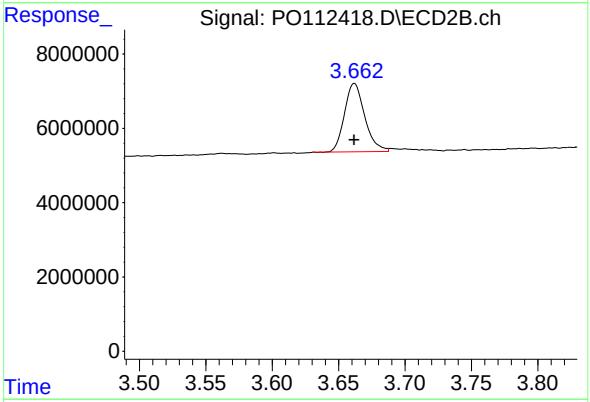

Response_
Signal: PO112418.D\ECD1A.ch
2.2e+07
2e+07
1.8e+07
1.6e+07
1.4e+07
1.2e+07
1e+07
8000000
3.669
4.755
4.951
5.207
6.245
6.434
6.800
7.059
7.302
7.648
7.585
8.145
8.439
8.693
Tetrachlor
AR-1016-4
AR-1016-5
AR-1260-1
AR-1260-2
AR-1260-4
AR-1268-5
AR-1268-5
AR-1268-5



#1 Tetrachloro-m-xylene

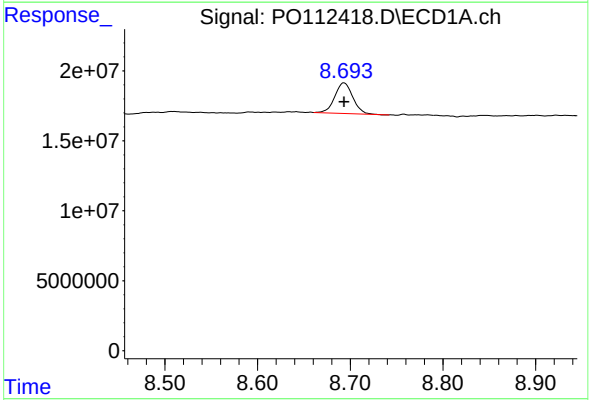
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 31417194
Conc: 3.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



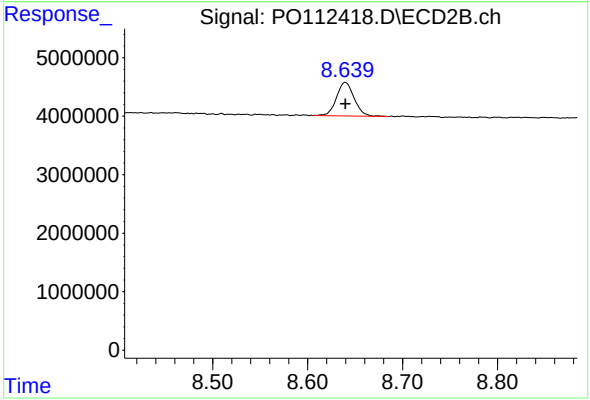
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 19597973
Conc: 3.91 ng/ml



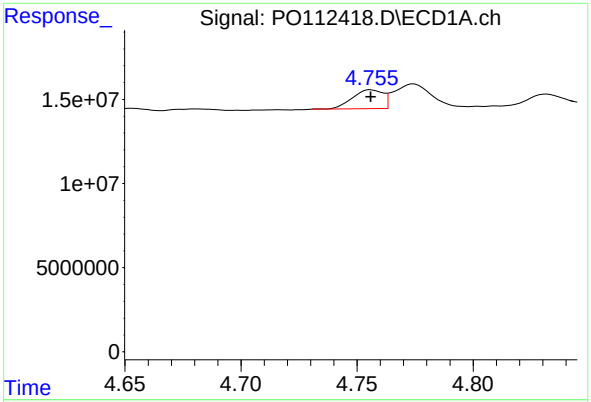
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 29621580
Conc: 4.05 ng/ml



#2 Decachlorobiphenyl

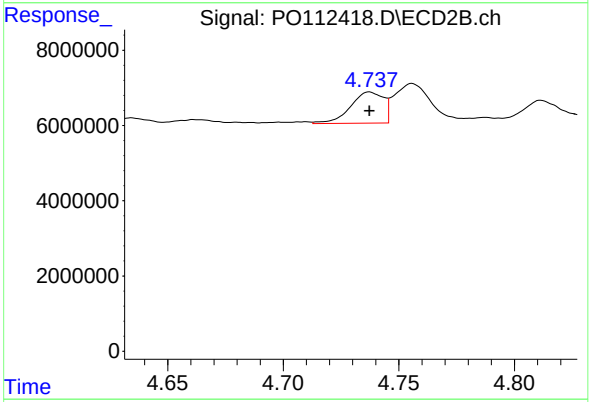
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7457220
Conc: 4.22 ng/ml



#3 AR-1016-1

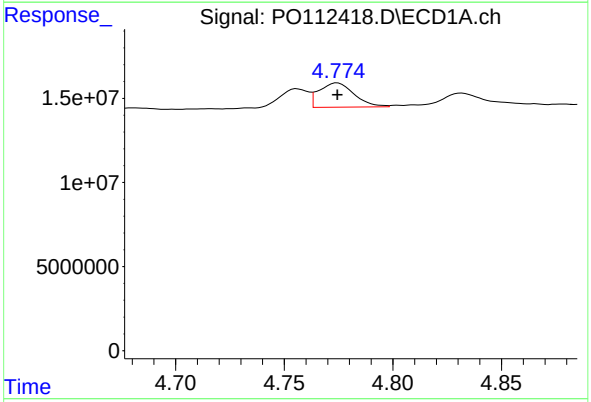
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10242412
Conc: 38.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



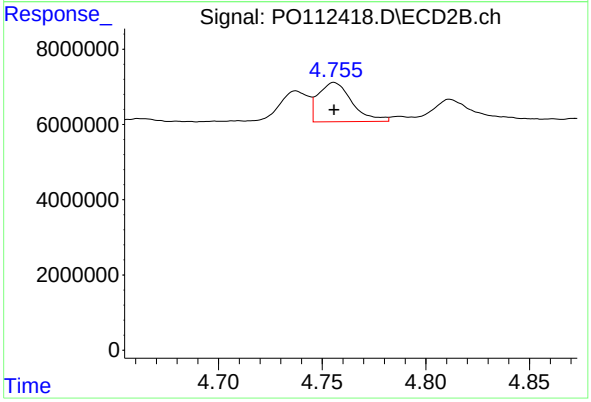
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 8280603
Conc: 47.32 ng/ml



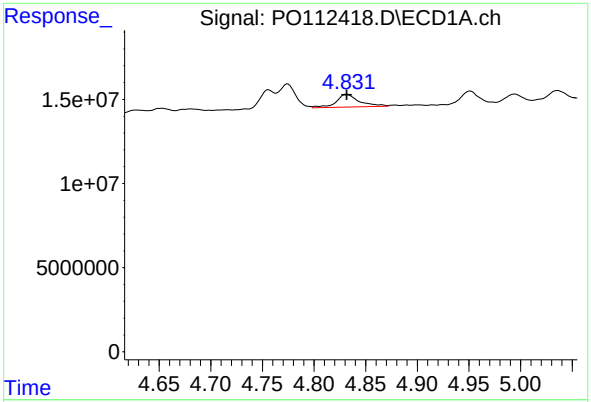
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 16308940
Conc: 40.16 ng/ml



#4 AR-1016-2

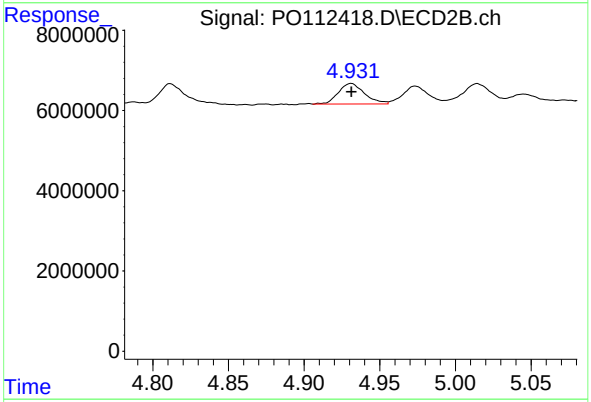
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 11816564
Conc: 45.36 ng/ml



#5 AR-1016-3

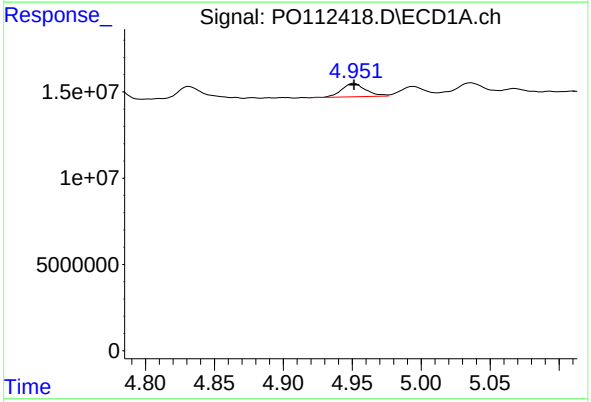
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 11721947
Conc: 44.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



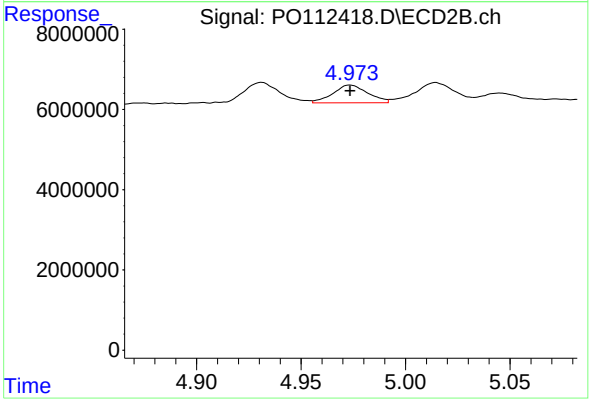
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 6127662
Conc: 45.07 ng/ml



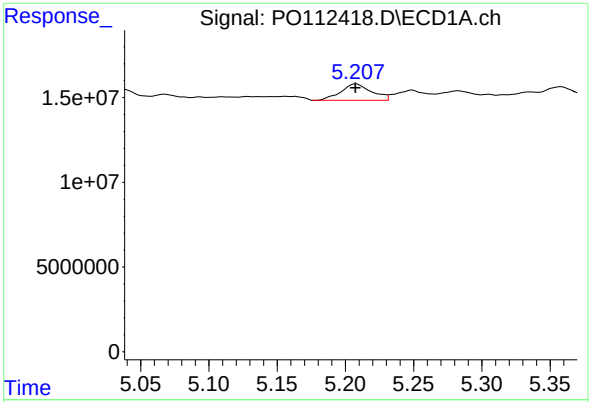
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 9335010
Conc: 44.07 ng/ml



#6 AR-1016-4

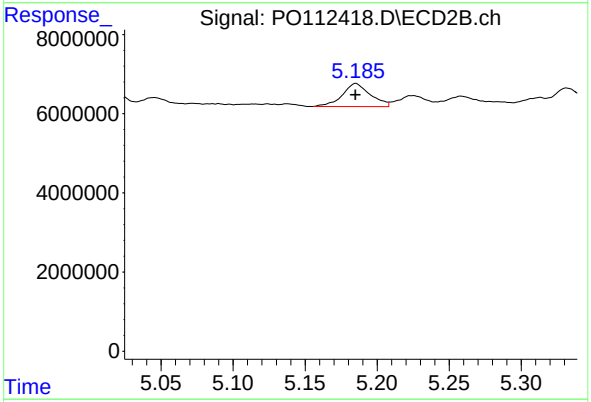
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 5123227
Conc: 46.12 ng/ml



#7 AR-1016-5

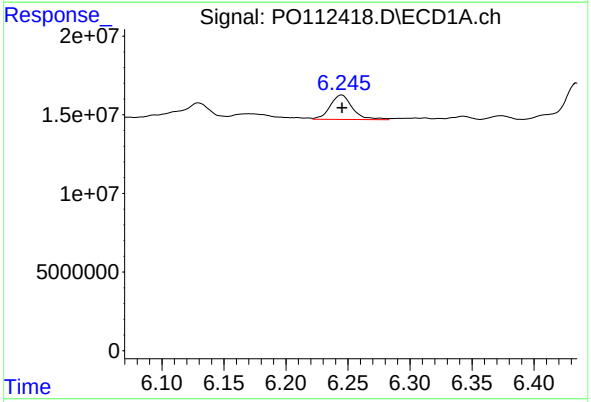
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 15148752
Conc: 69.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



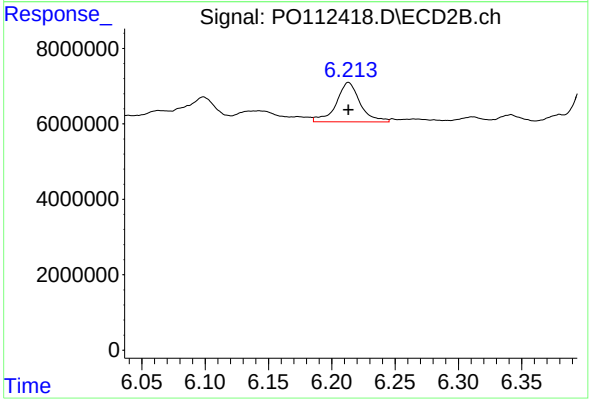
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 7917067
Conc: 55.63 ng/ml



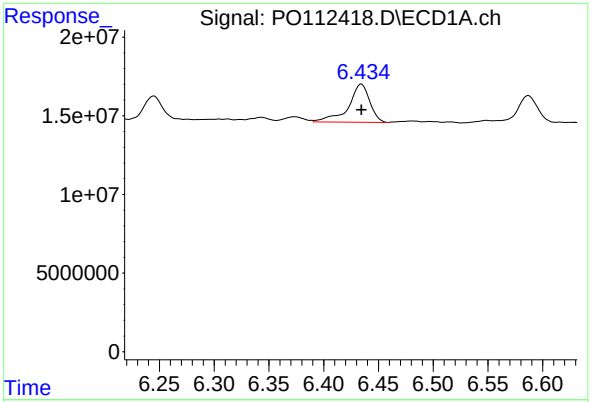
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 19551344
Conc: 44.50 ng/ml



#31 AR-1260-1

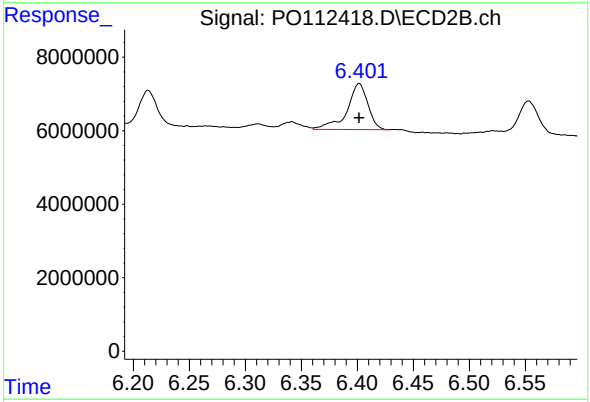
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 13747865
Conc: 53.35 ng/ml



#32 AR-1260-2

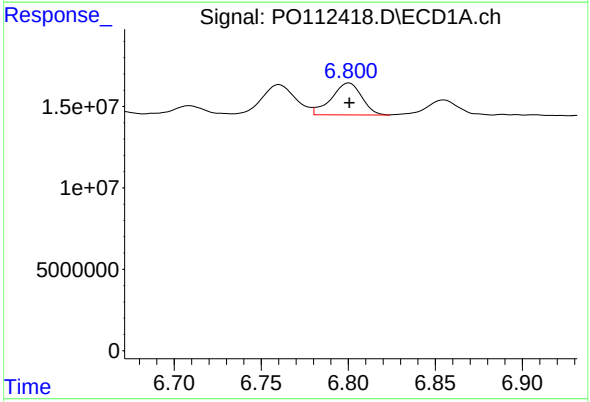
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 32919190
Conc: 47.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



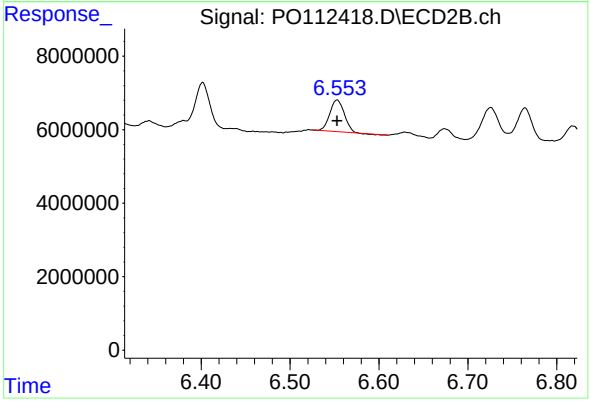
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 16247800
Conc: 49.31 ng/ml



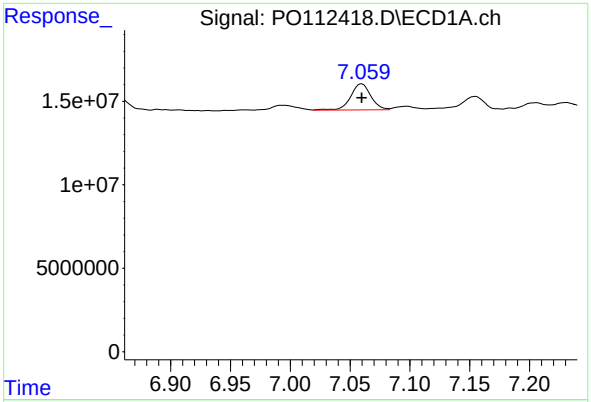
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 23827559
Conc: 40.52 ng/ml



#33 AR-1260-3

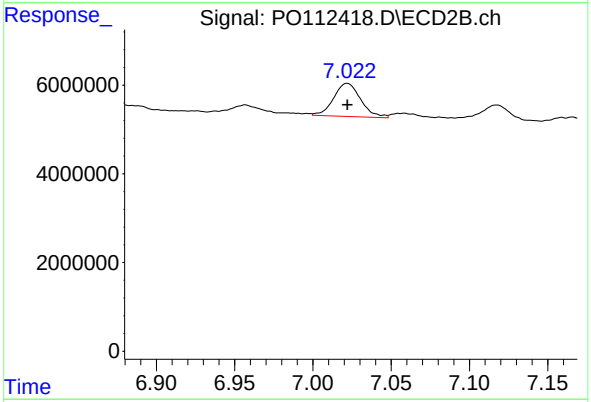
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 9733666
Conc: 38.66 ng/ml



#34 AR-1260-4

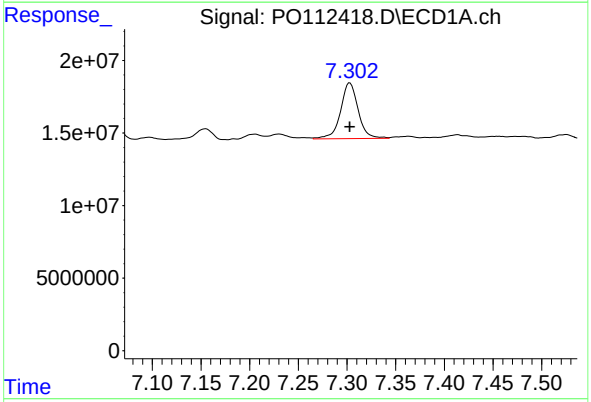
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 18415991
Conc: 40.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



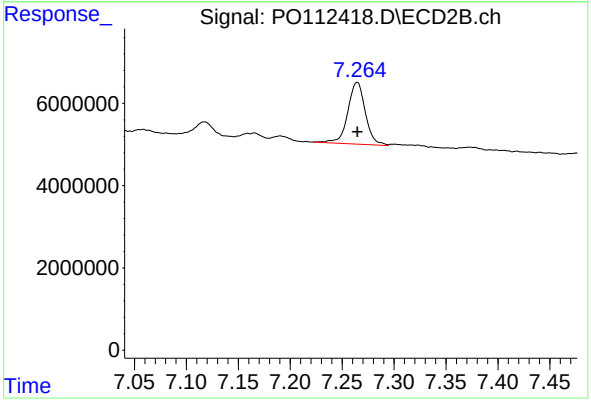
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 8957569
Conc: 46.82 ng/ml



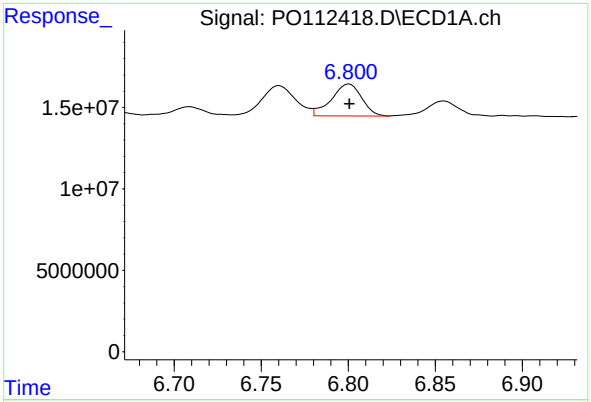
#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 48222745
Conc: 38.92 ng/ml



#35 AR-1260-5

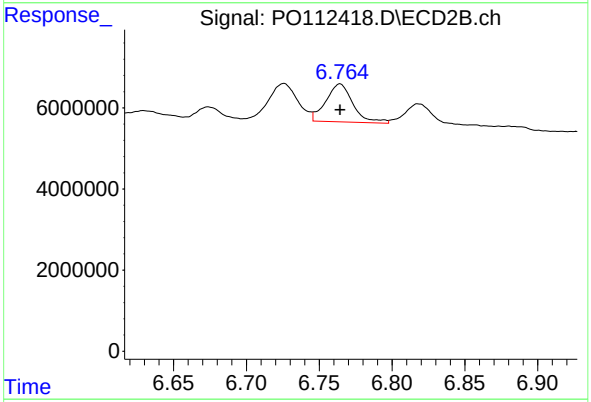
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 17614159
Conc: 42.73 ng/ml



#36 AR-1262-1

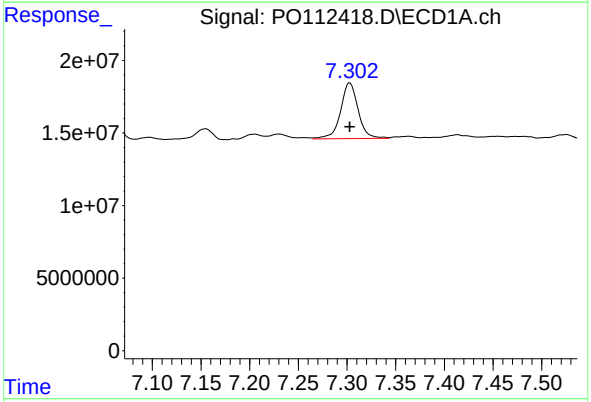
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 23827559
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



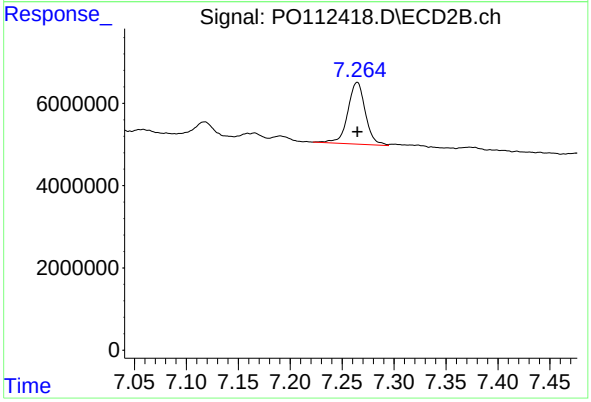
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 12127374
Conc: 50.00 ng/ml



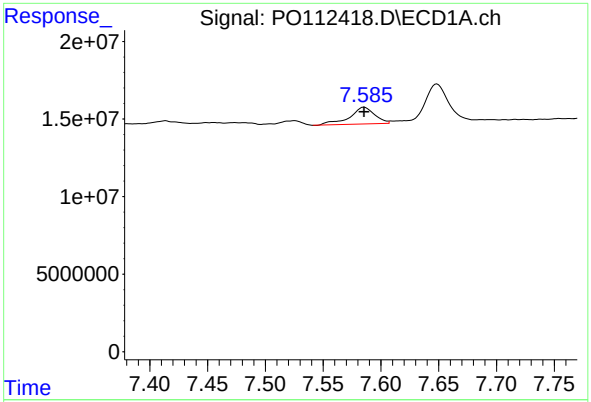
#37 AR-1262-2

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 48222745
Conc: 50.00 ng/ml



#37 AR-1262-2

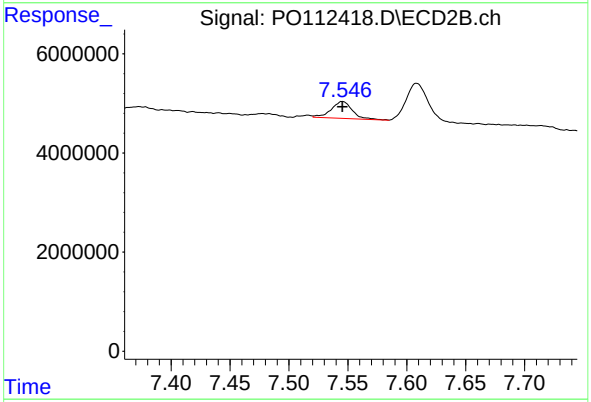
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 17614159
Conc: 50.00 ng/ml



#38 AR-1262-3

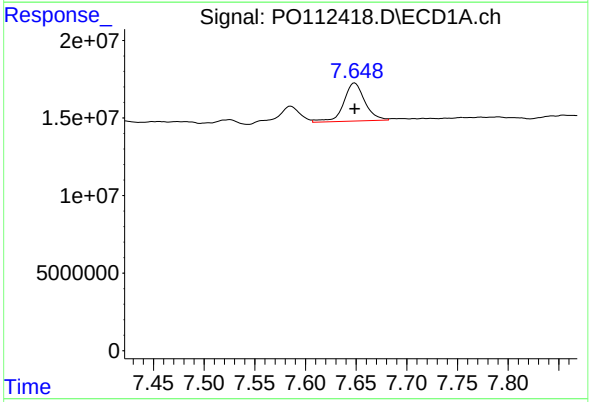
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 16287328
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



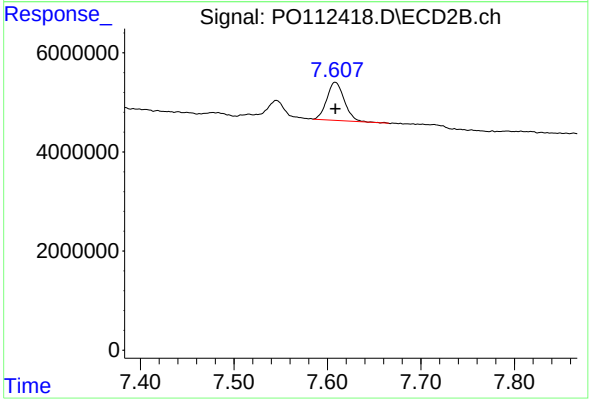
#38 AR-1262-3

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 4284383
Conc: 50.00 ng/ml



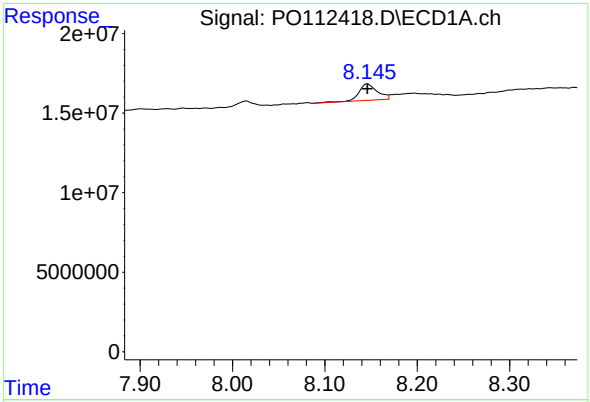
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 35754287
Conc: 50.00 ng/ml



#39 AR-1262-4

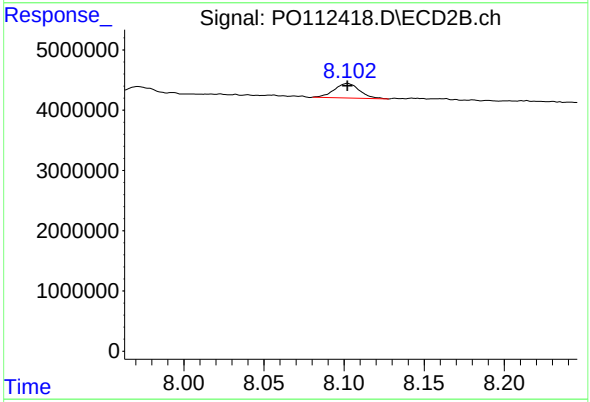
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 10013446
Conc: 50.00 ng/ml



#40 AR-1262-5

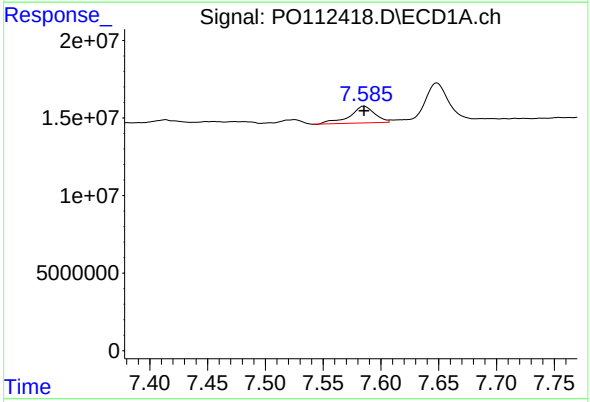
R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 14312589
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



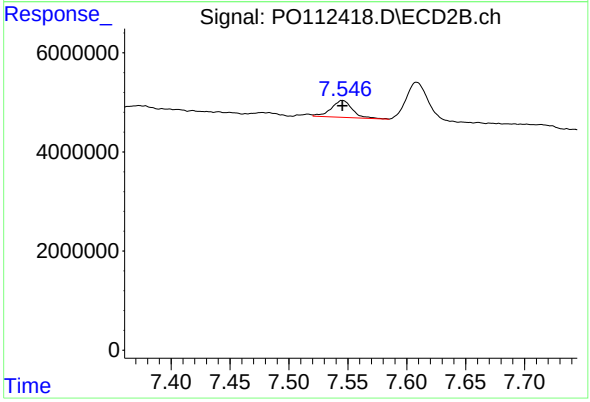
#40 AR-1262-5

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 2665703
Conc: 50.00 ng/ml



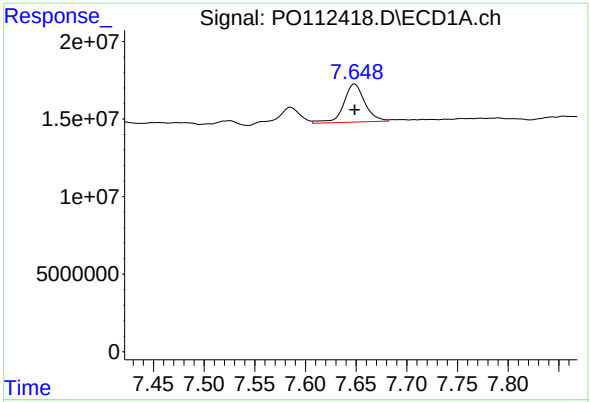
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 16287328
Conc: 50.00 ng/ml



#41 AR-1268-1

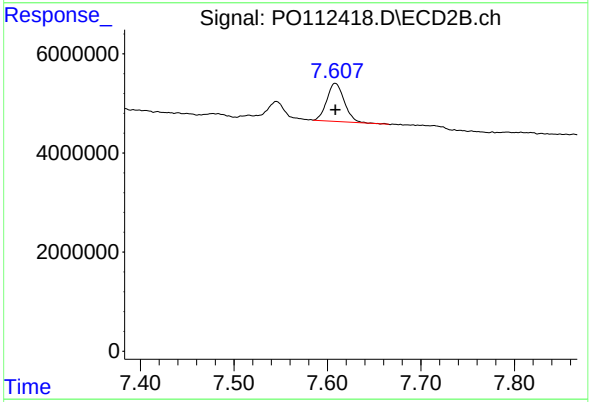
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 4284383
Conc: 50.00 ng/ml



#42 AR-1268-2

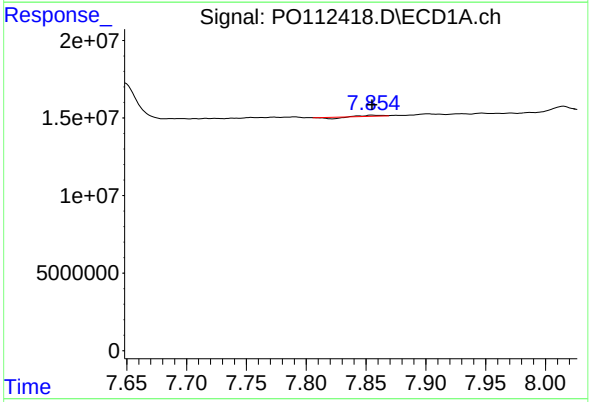
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 35754287
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



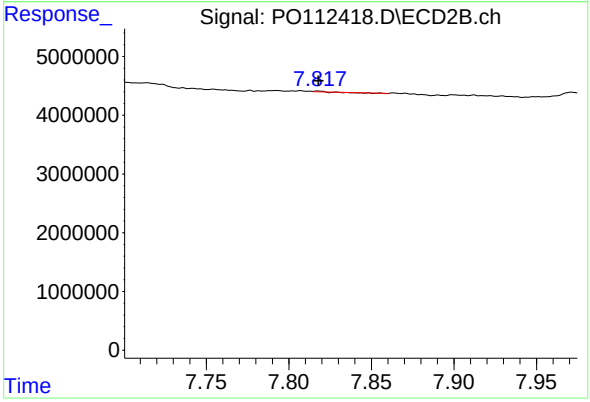
#42 AR-1268-2

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 10013446
Conc: 50.00 ng/ml



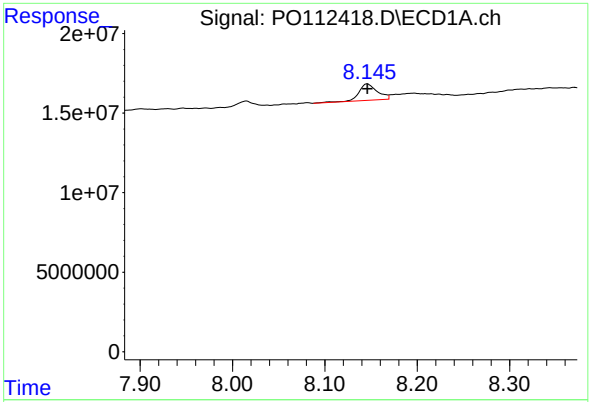
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: 0.000 min
Response: -141825
Conc: 50.00 ng/ml



#43 AR-1268-3

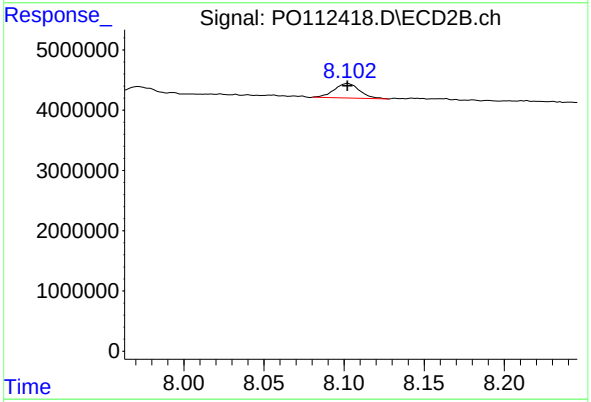
R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: -8046
Conc: 50.00 ng/ml



#44 AR-1268-4

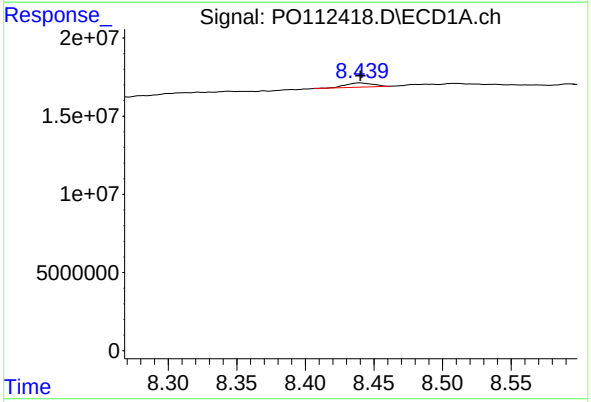
R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 14312589
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



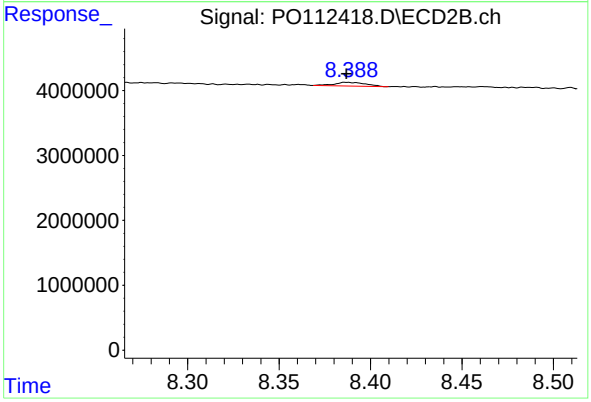
#44 AR-1268-4

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 2665703
Conc: 50.00 ng/ml



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 3715372
Conc: 50.00 ng/ml



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 692132
Conc: 50.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:36
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:50:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.662	230.2E6	140.8E6	25.056	25.329
2)	SA Decachlor...	8.692	8.640	202.2E6	49177998	25.104	25.901
	Target Compounds						
16)	L4 AR-1242-1	4.756	4.737	66274294	42281301	254.503	262.921
17)	L4 AR-1242-2	4.774	4.756	98384229	63307827	253.352	263.280
18)	L4 AR-1242-3	4.830	4.930	63048920	32586963	255.064	259.362
19)	L4 AR-1242-4	4.951	5.015	50849599	32274308	254.552	262.925
20)	L4 AR-1242-5	5.601	5.535	60576839	45188557	277.078	279.805

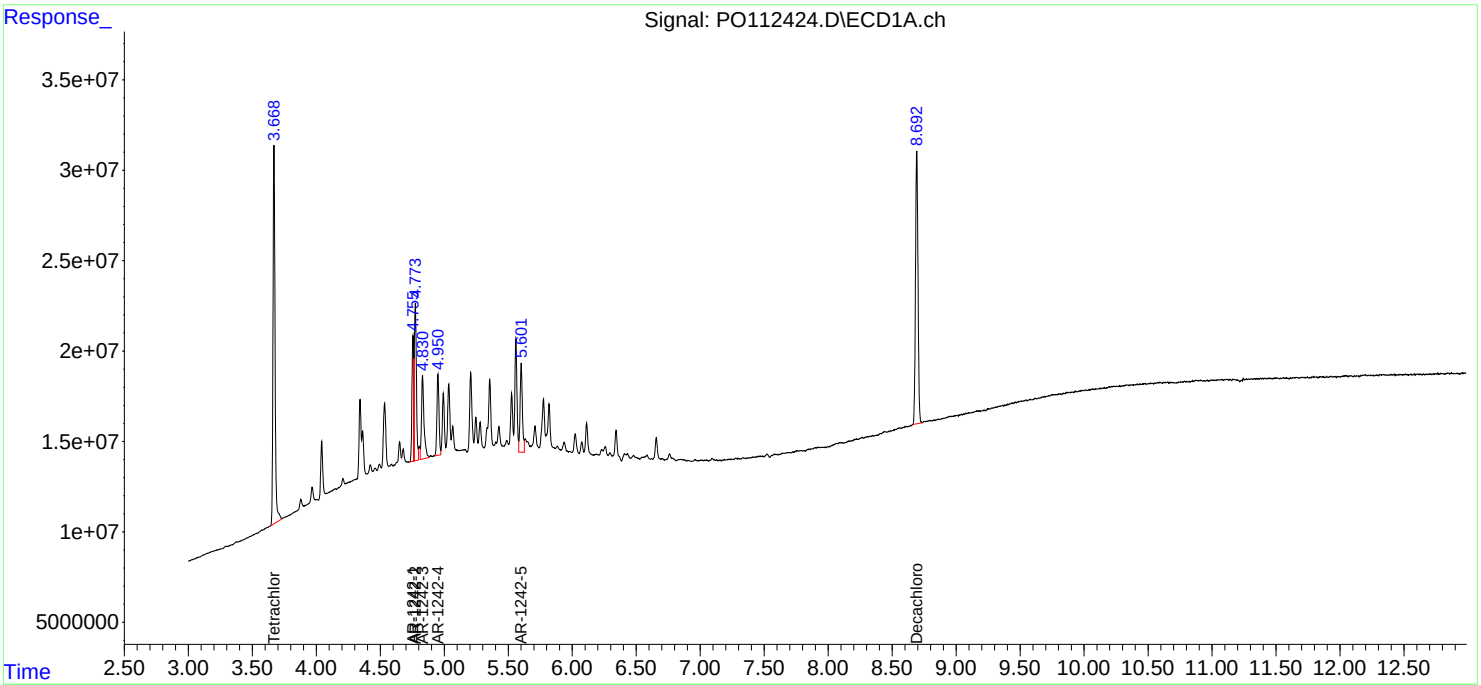
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

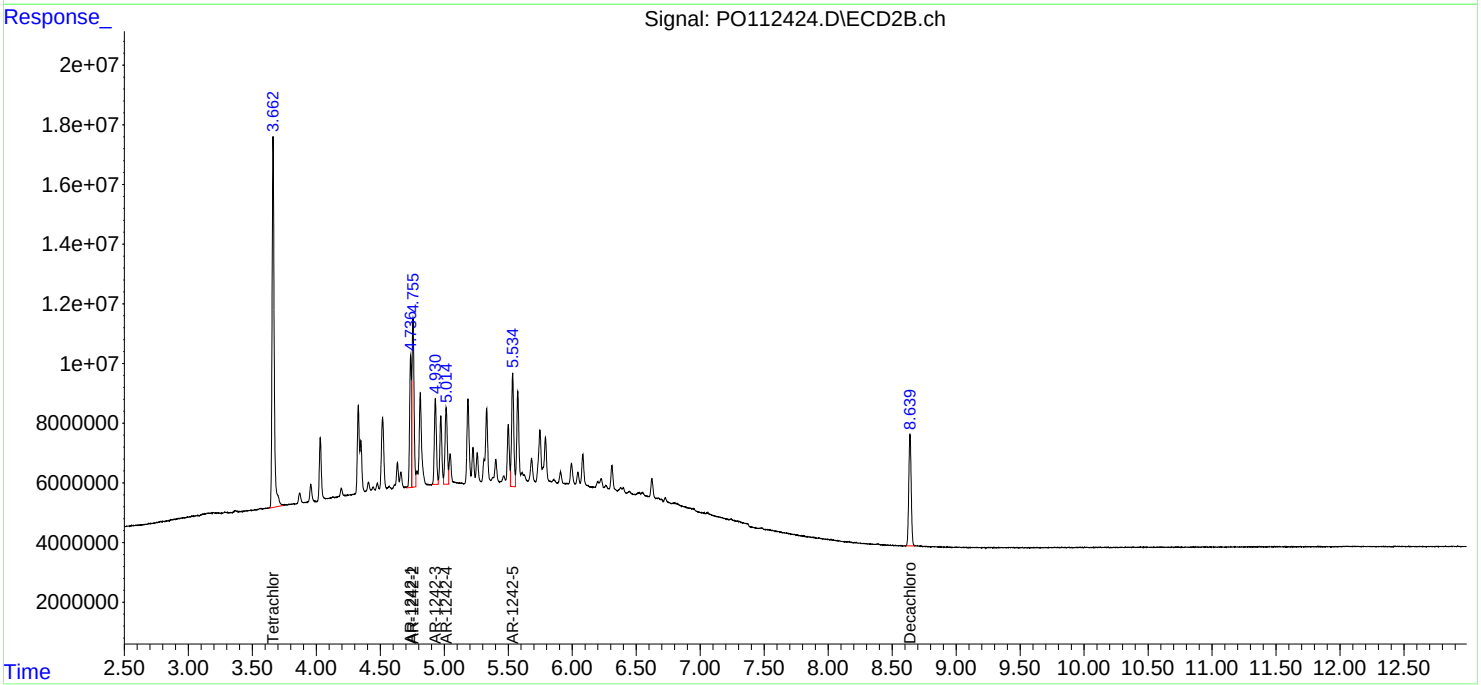
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:36
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

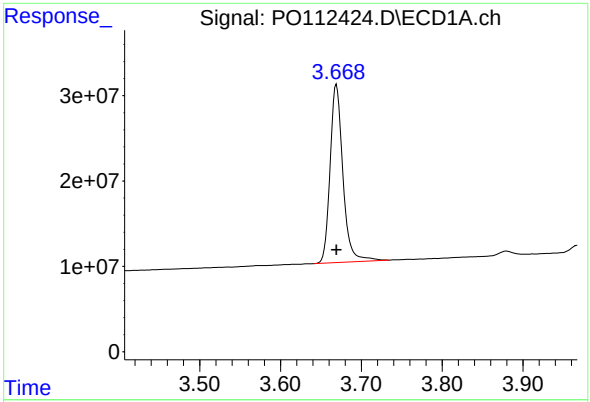
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 14:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 14:50:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



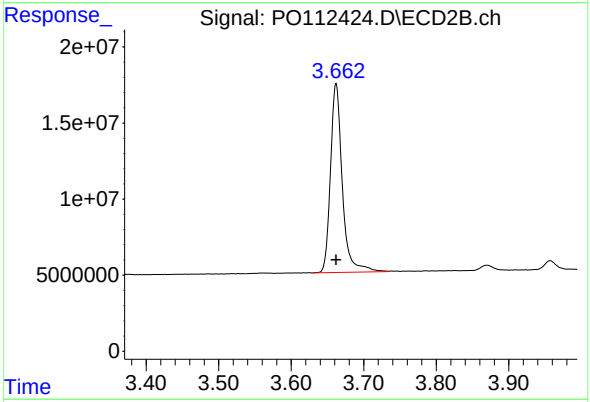




#1 Tetrachloro-m-xylene

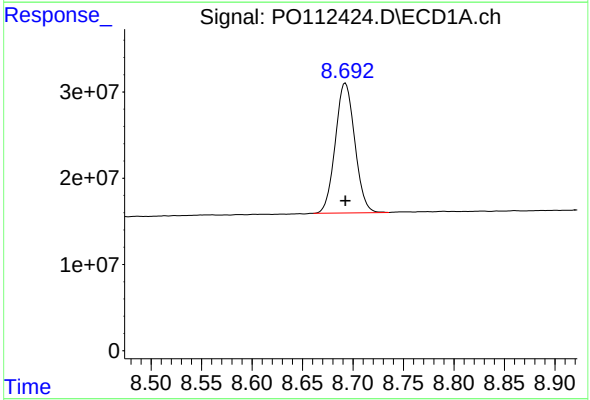
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 230185927
Conc: 25.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



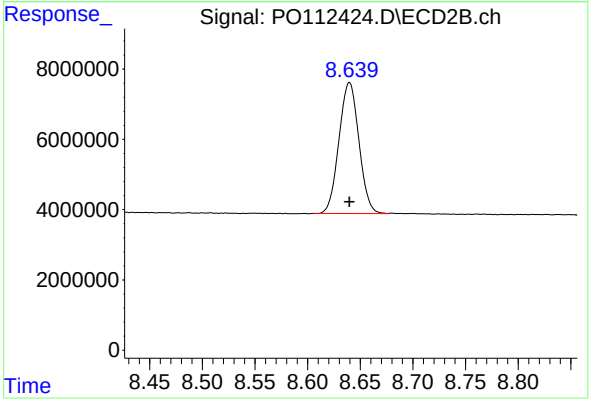
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 140771642
Conc: 25.33 ng/ml



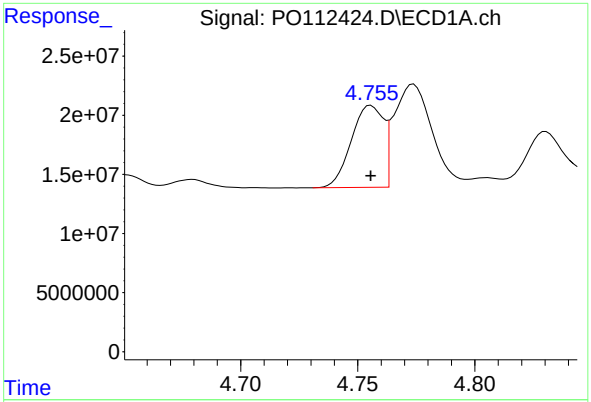
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 202170823
Conc: 25.10 ng/ml



#2 Decachlorobiphenyl

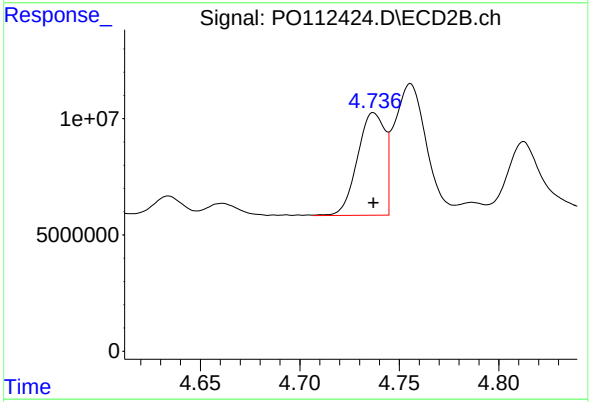
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 49177998
Conc: 25.90 ng/ml



#16 AR-1242-1

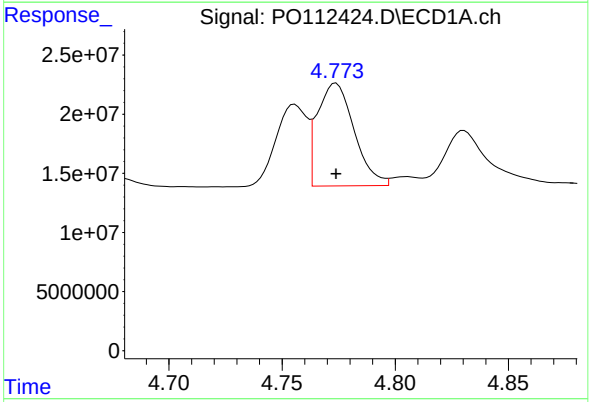
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 66274294
Conc: 254.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



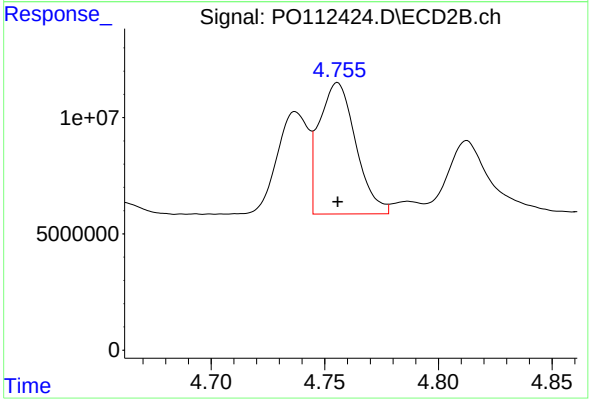
#16 AR-1242-1

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 42281301
Conc: 262.92 ng/ml



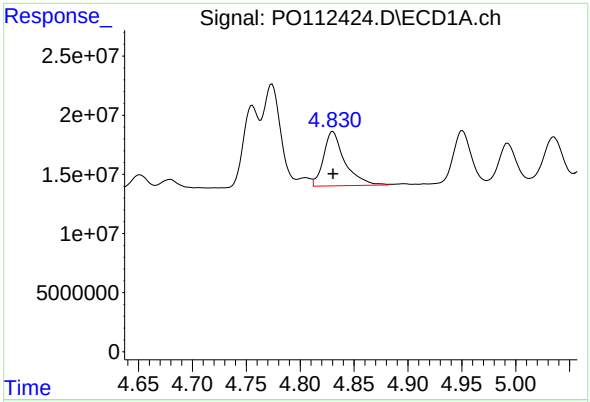
#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 98384229
Conc: 253.35 ng/ml



#17 AR-1242-2

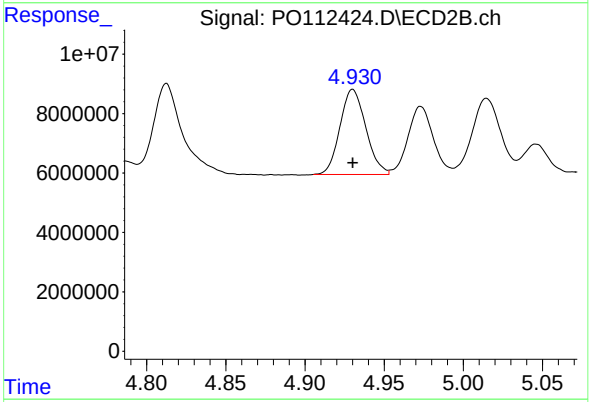
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 63307827
Conc: 263.28 ng/ml



#18 AR-1242-3

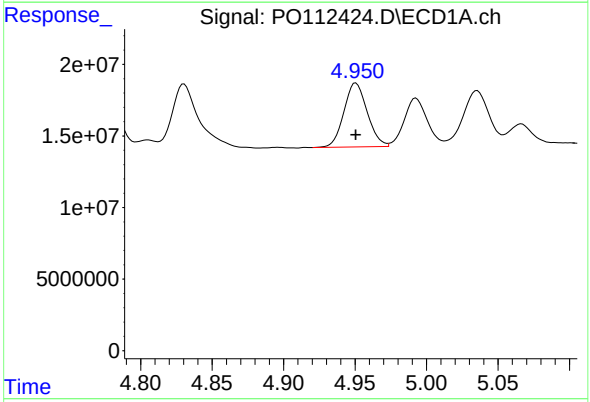
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 63048920
Conc: 255.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



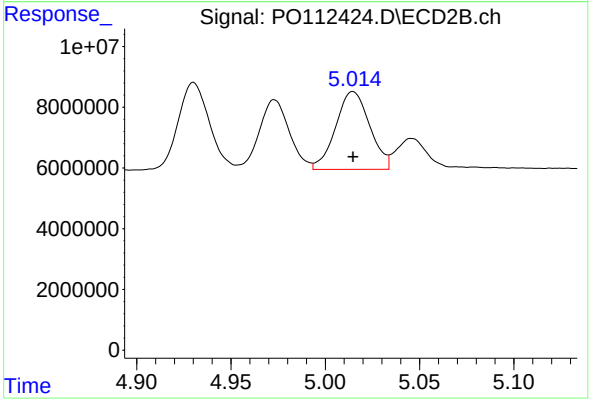
#18 AR-1242-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 32586963
Conc: 259.36 ng/ml



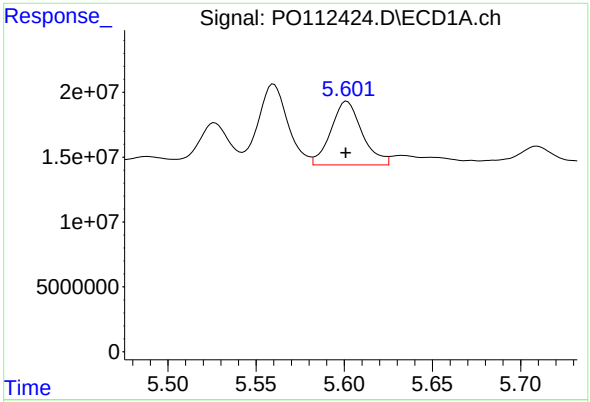
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 50849599
Conc: 254.55 ng/ml



#19 AR-1242-4

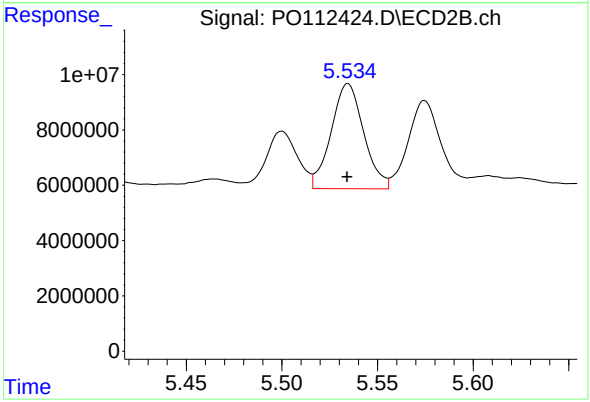
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 32274308
Conc: 262.93 ng/ml



#20 AR-1242-5

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 60576839
Conc: 277.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 45188557
Conc: 279.80 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:54
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 15:07:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 15:07:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.670	3.662	31709040	19454228	3.679	3.698
2)	SA Decachlor...	8.695	8.640	31949919	7899252	4.138	4.305
	Target Compounds						
16)	L4 AR-1242-1	4.757	4.738	9816709	7435731	39.649	46.945
17)	L4 AR-1242-2	4.776	4.756	14782408	10324894	39.975	44.186
18)	L4 AR-1242-3	4.833	4.932	9726638	5168677	41.100	42.650
19)	L4 AR-1242-4	4.952	5.016	8617431	6134656	44.356	49.981
20)	L4 AR-1242-5	5.604	5.535	15882894	12714804	75.361	77.938

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

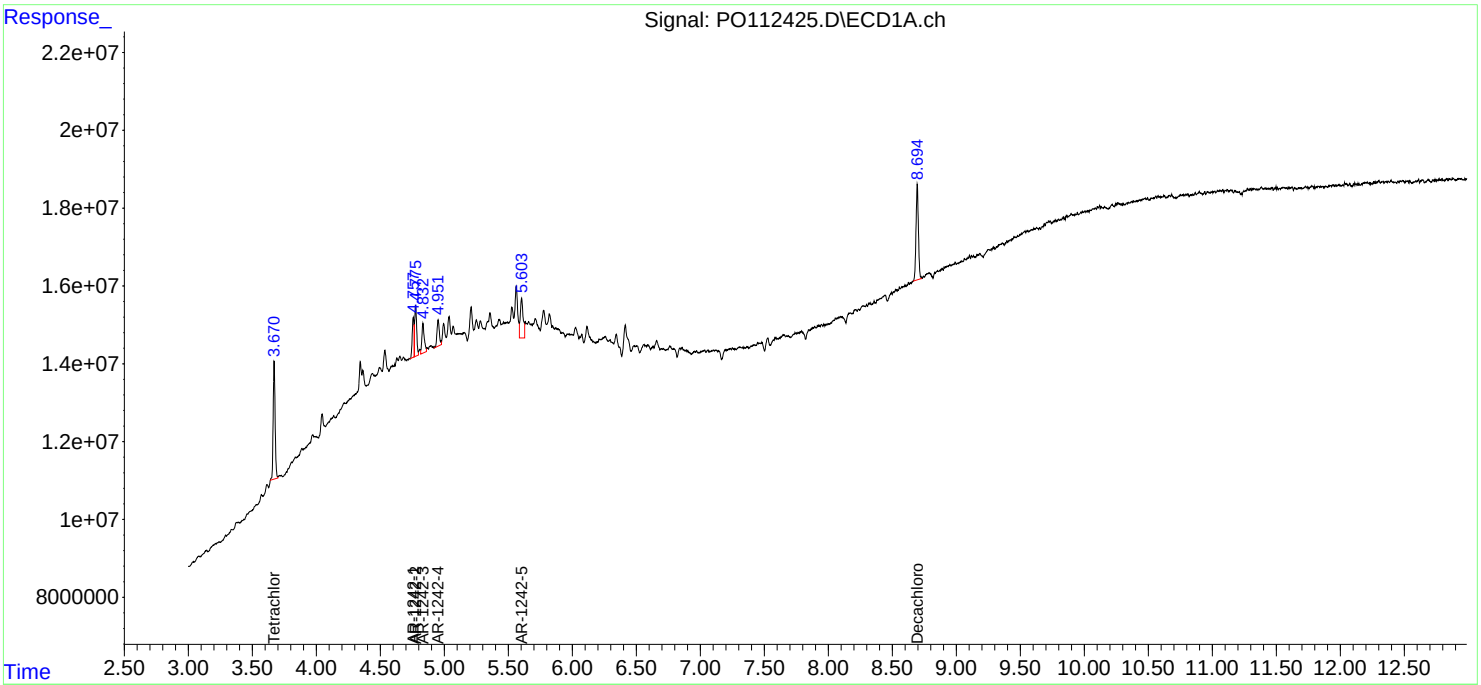
Quantitation Report (Not Reviewed)

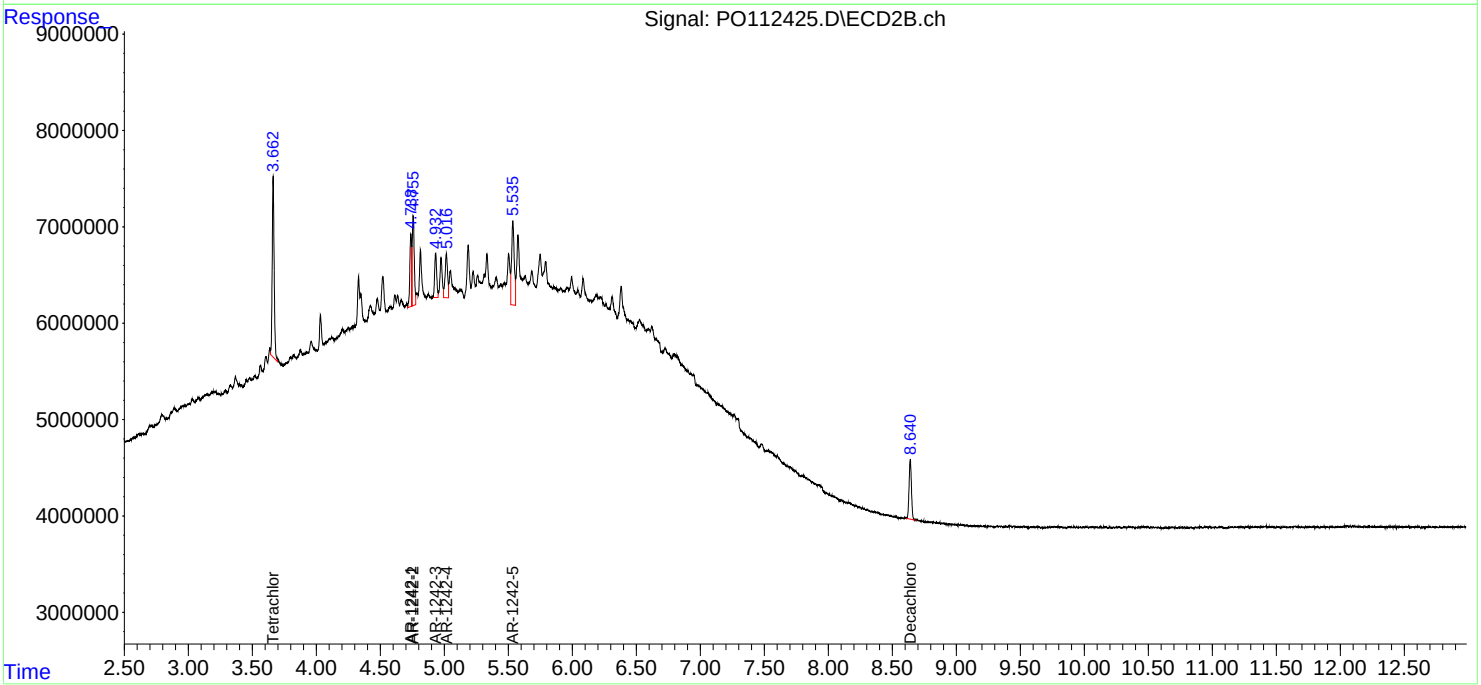
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 14:54
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

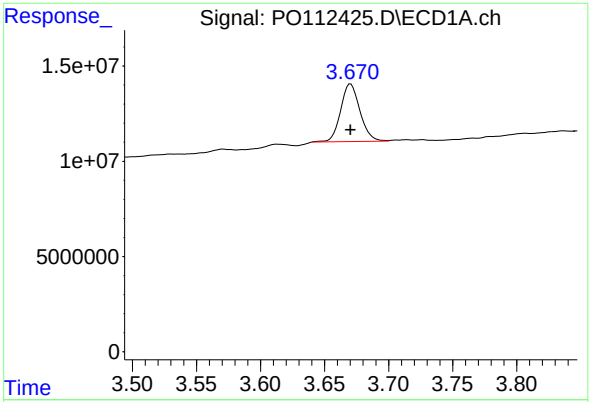
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 15:07:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 15:07:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



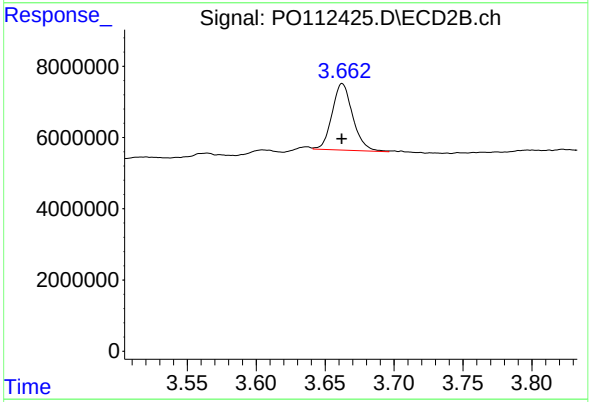




#1 Tetrachloro-m-xylene

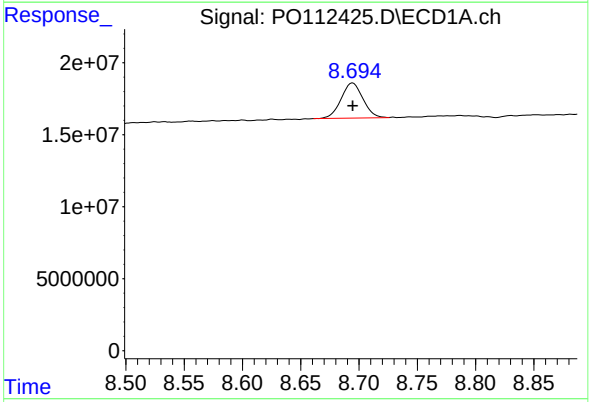
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 31709040
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



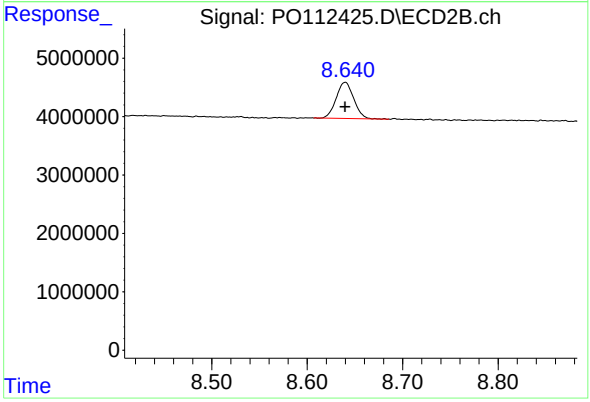
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 19454228
Conc: 3.70 ng/ml



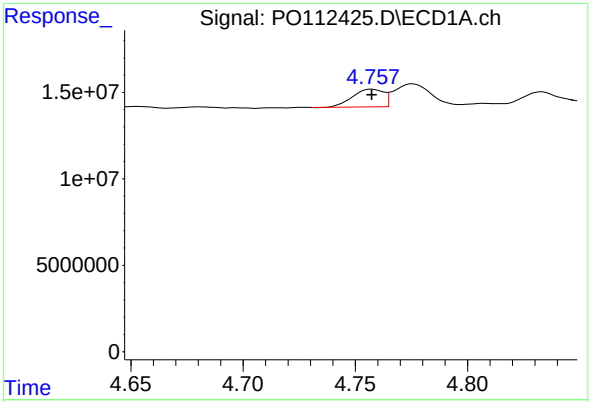
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 31949919
Conc: 4.14 ng/ml



#2 Decachlorobiphenyl

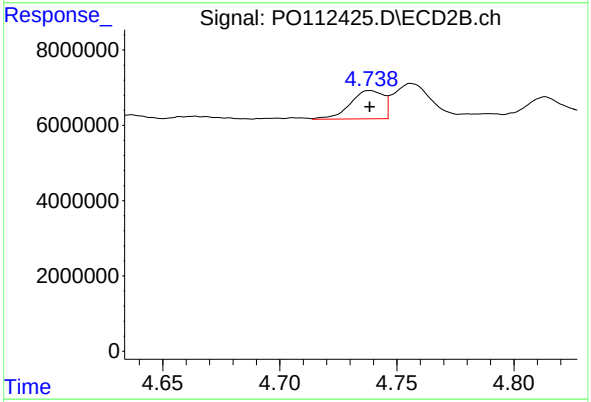
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7899252
Conc: 4.30 ng/ml



#16 AR-1242-1

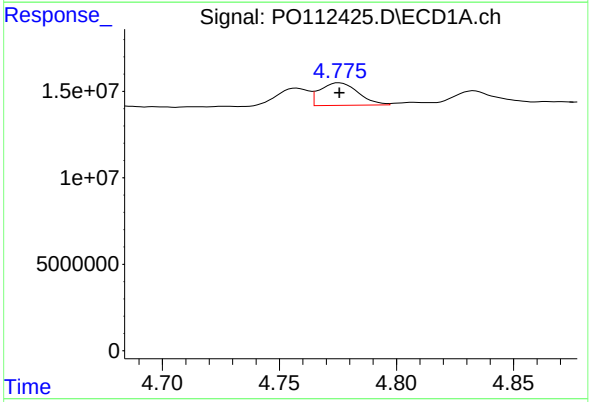
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 9816709
Conc: 39.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



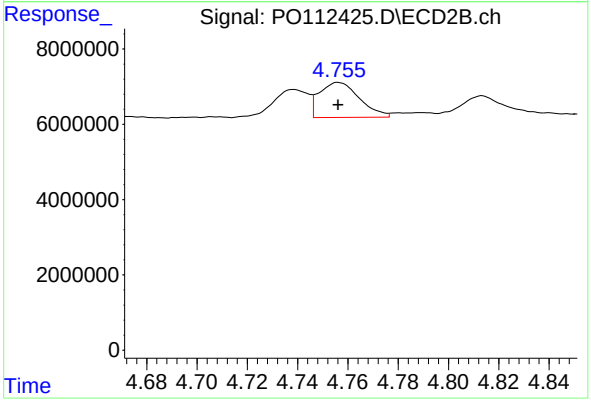
#16 AR-1242-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 7435731
Conc: 46.94 ng/ml



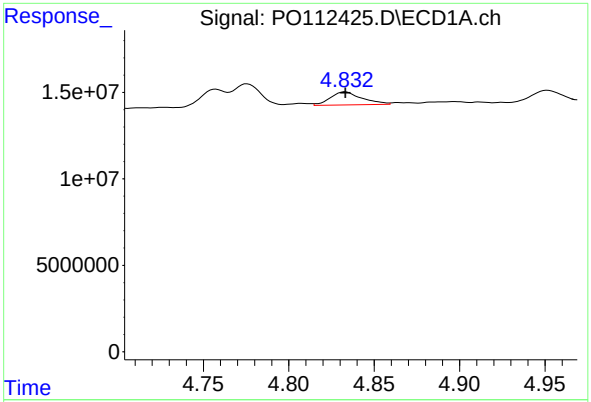
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 14782408
Conc: 39.97 ng/ml



#17 AR-1242-2

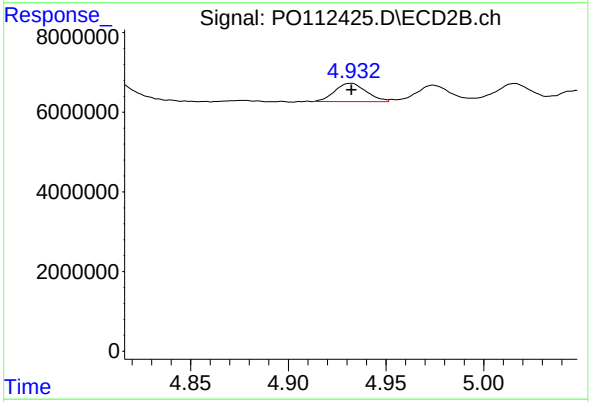
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10324894
Conc: 44.19 ng/ml



#18 AR-1242-3

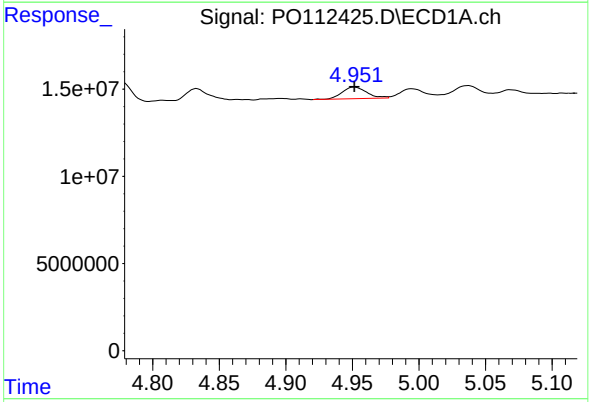
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 9726638
Conc: 41.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



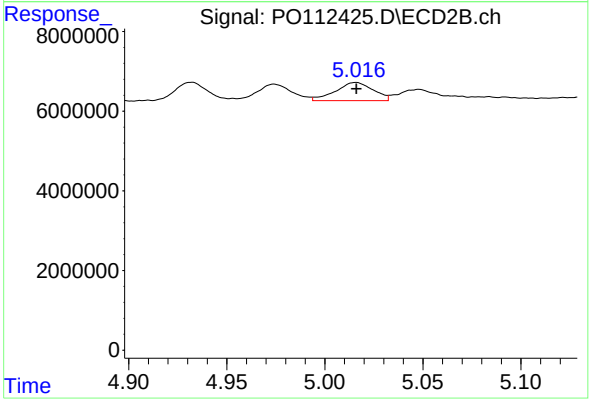
#18 AR-1242-3

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 5168677
Conc: 42.65 ng/ml



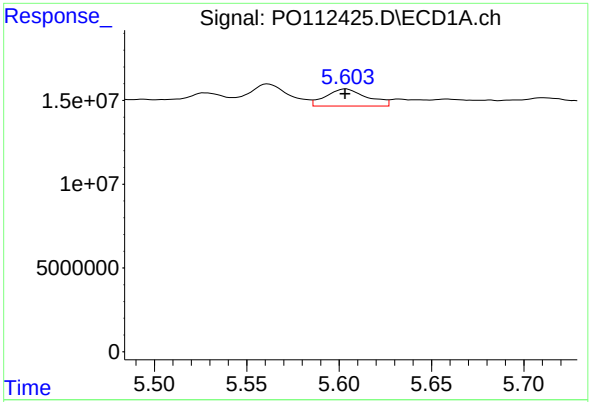
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 8617431
Conc: 44.36 ng/ml



#19 AR-1242-4

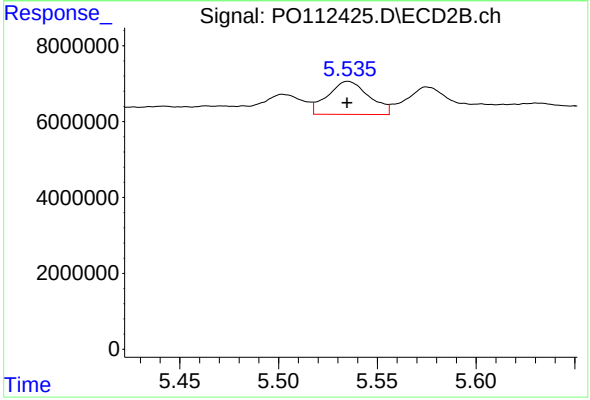
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6134656
Conc: 49.98 ng/ml



#20 AR-1242-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 15882894
Conc: 75.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 12714804
Conc: 77.94 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:25
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound		RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds							
1)	SA	Tetrachlo...	3.670	3.662	32837807	20886754	3.789	3.981
2)	SA	Decachlor...	8.694	8.641	30716372	7585110	3.980	4.142
	Target Compounds							
21)	L5	AR-1248-1	4.757	4.738	7575656	5507226	40.466	45.323
22)	L5	AR-1248-2	4.995	4.973	10157901	7726264	39.817	45.642
23)	L5	AR-1248-3	5.208	5.015	16562795	8037448	48.190	45.244
24)	L5	AR-1248-4	5.562	5.185	27935829	10008226	55.005	47.900
25)	L5	AR-1248-5	5.603	5.576	21113477	13039110	60.462	60.611

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

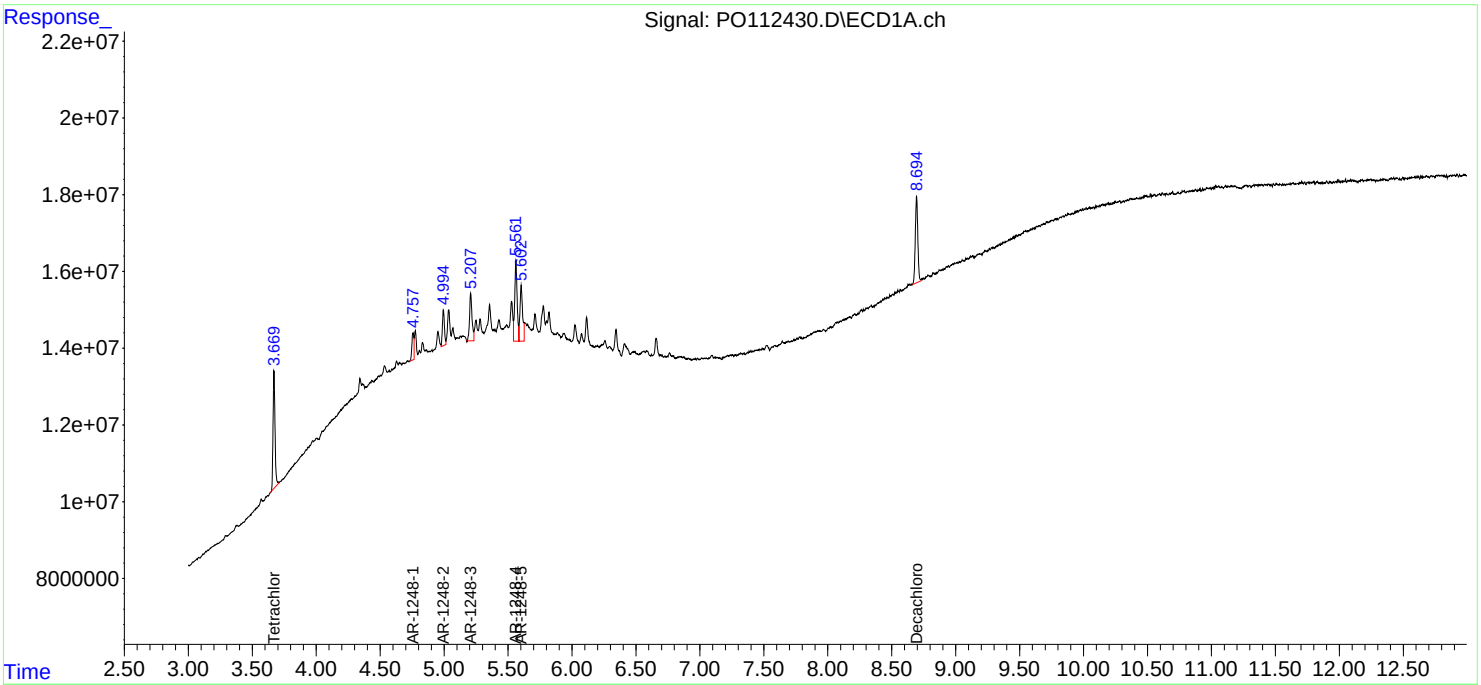
Quantitation Report (Not Reviewed)

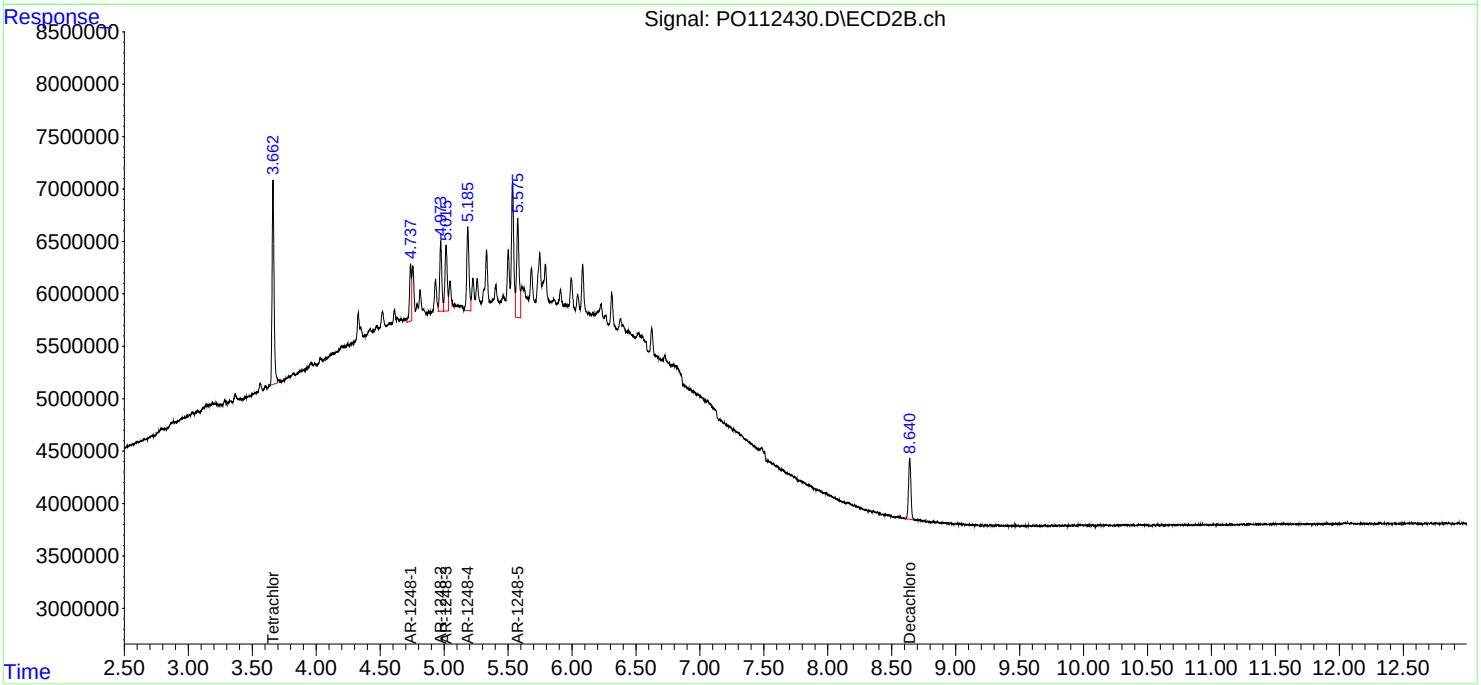
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:25
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

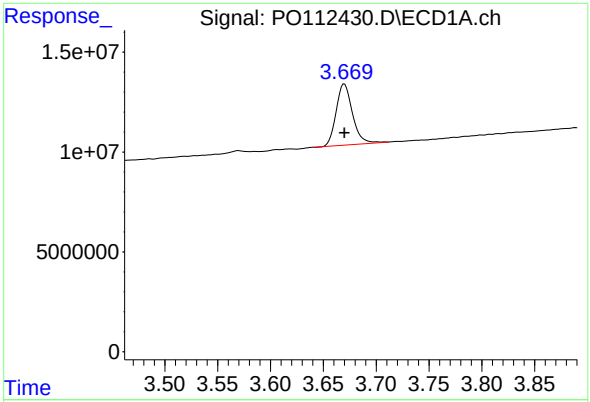
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 17:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:39:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



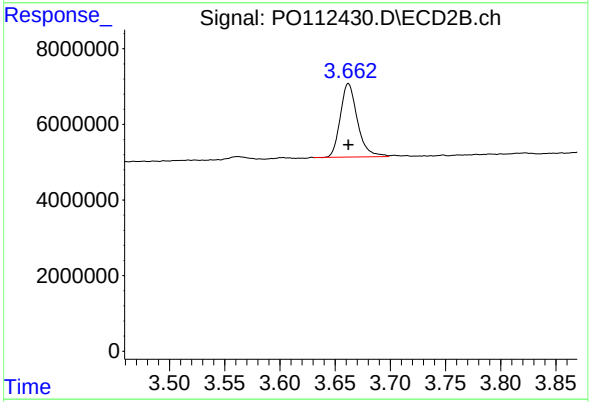




#1 Tetrachloro-m-xylene

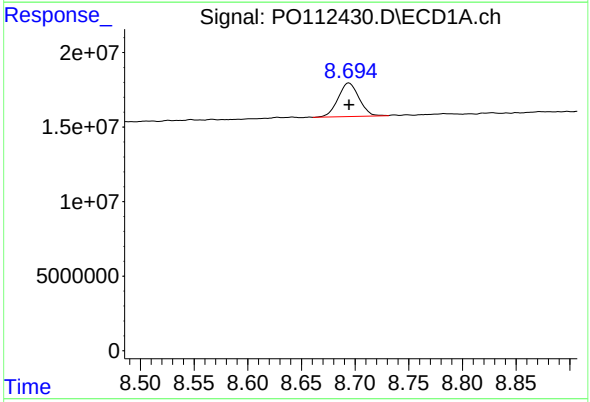
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 32837807
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



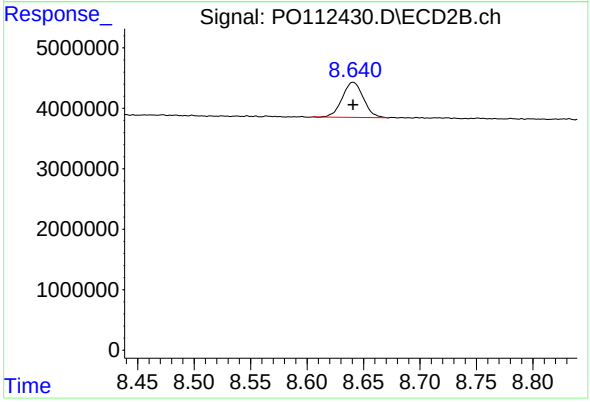
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 20886754
Conc: 3.98 ng/ml



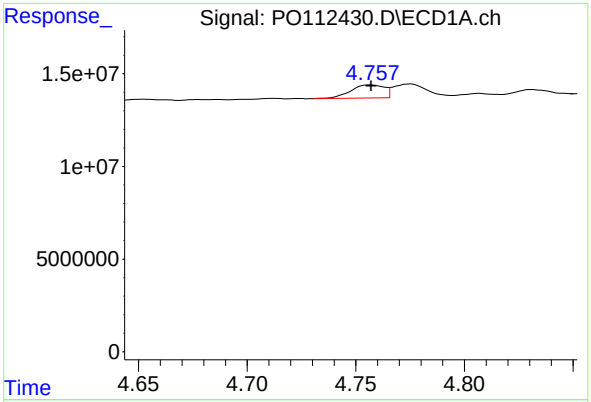
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 30716372
Conc: 3.98 ng/ml



#2 Decachlorobiphenyl

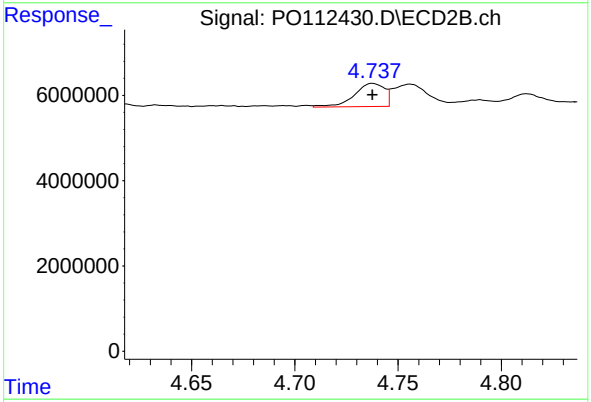
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 7585110
Conc: 4.14 ng/ml



#21 AR-1248-1

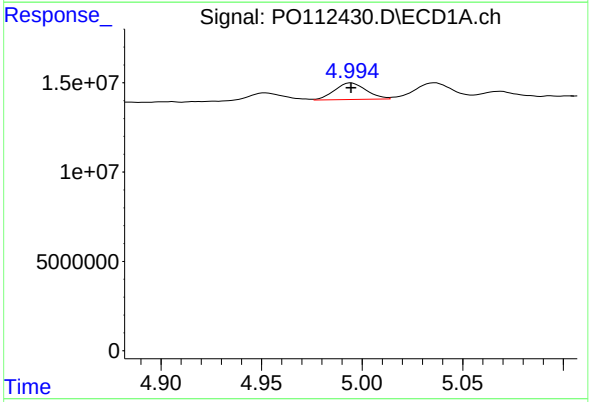
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 7575656
Conc: 40.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



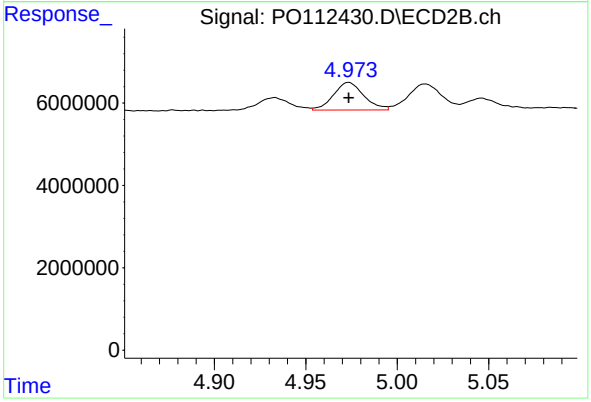
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 5507226
Conc: 45.32 ng/ml



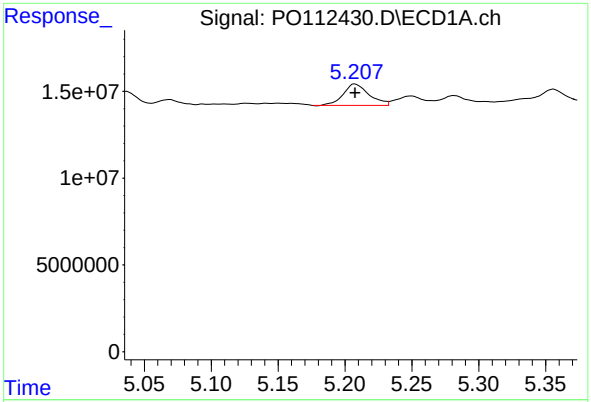
#22 AR-1248-2

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 10157901
Conc: 39.82 ng/ml



#22 AR-1248-2

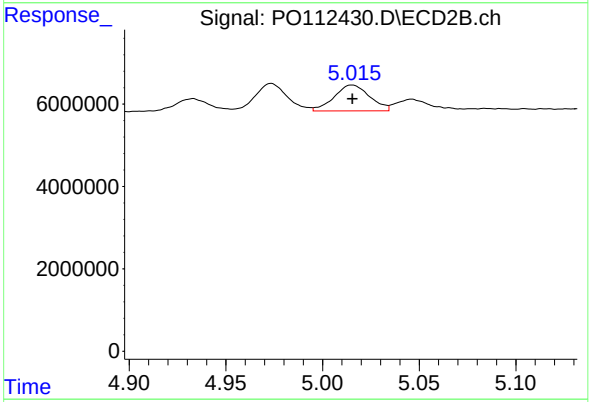
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 7726264
Conc: 45.64 ng/ml



#23 AR-1248-3

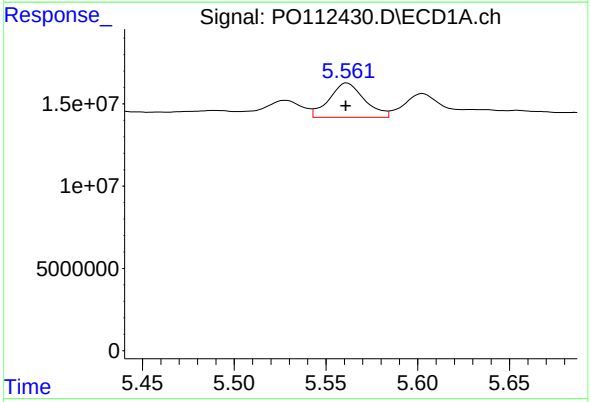
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 16562795
Conc: 48.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



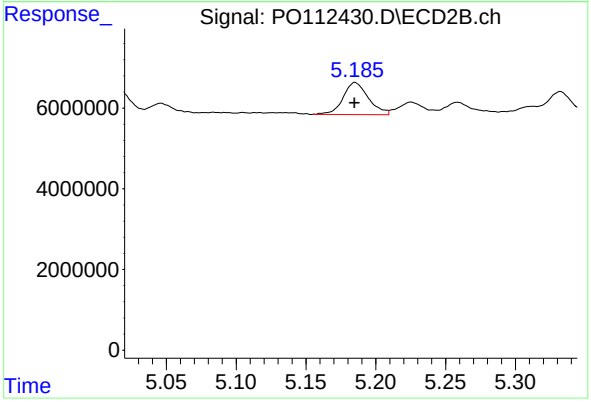
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 8037448
Conc: 45.24 ng/ml



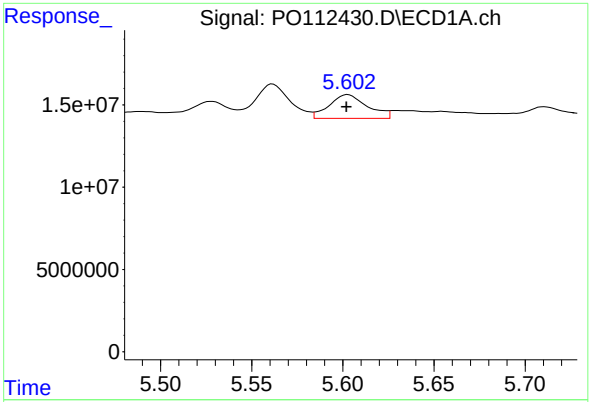
#24 AR-1248-4

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 27935829
Conc: 55.00 ng/ml



#24 AR-1248-4

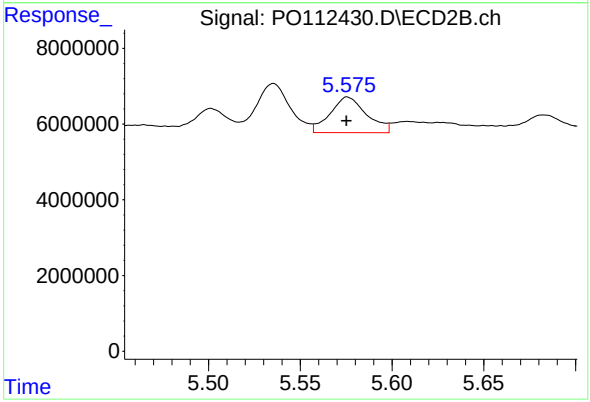
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 10008226
Conc: 47.90 ng/ml



#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 21113477
Conc: 60.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 13039110
Conc: 60.61 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:57
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.661	35024549	22021040	4.120	4.264
2)	SA Decachlor...	8.694	8.640	31608253	7869748	4.125	4.324
	Target Compounds						
26)	L6 AR-1254-1	5.561	5.535	31620587	18445655	58.061	56.180
27)	L6 AR-1254-2	5.710	5.682	26814044	17671717	55.816	61.642
28)	L6 AR-1254-3	6.114	6.083	32662856	23495492	43.885	55.001 #
29)	L6 AR-1254-4	6.344	6.311	25352878	13603049	46.121	50.646
30)	L6 AR-1254-5	6.762	6.726	30690471	15381815	43.359	46.051

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

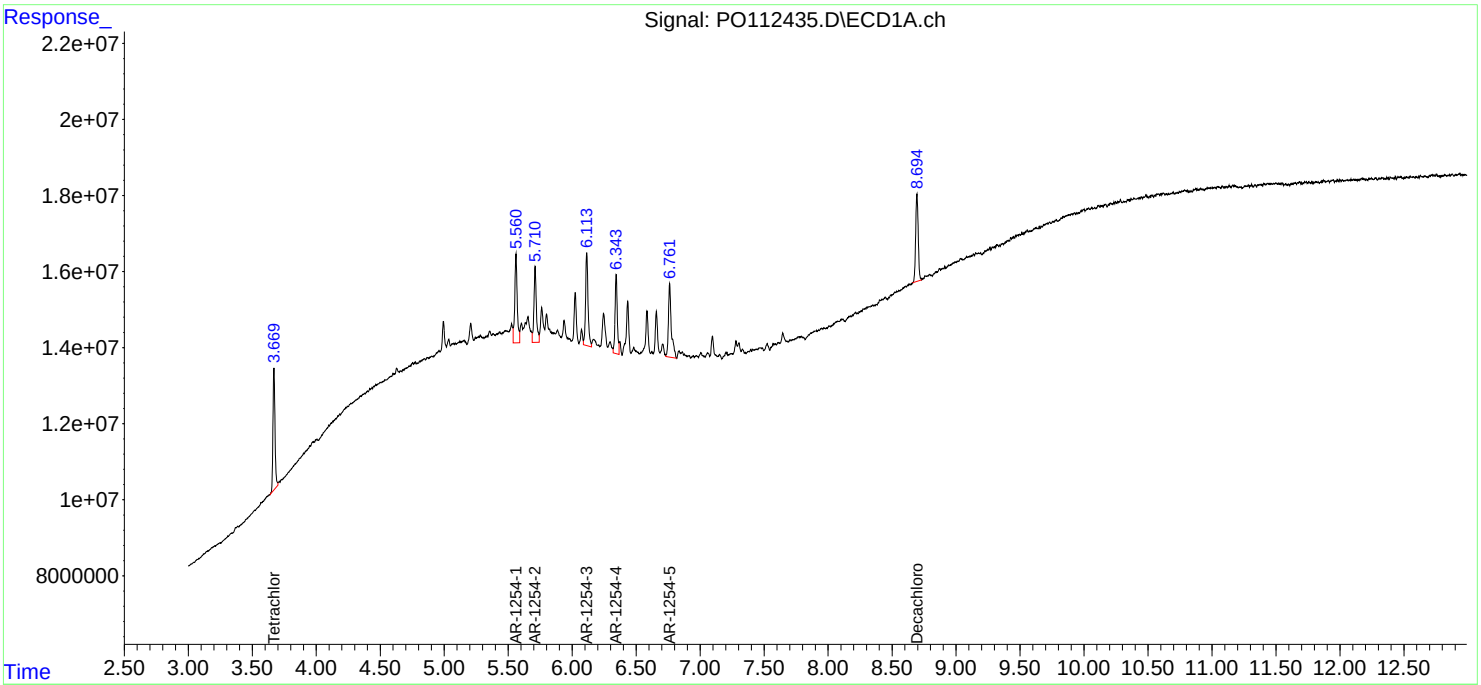
Quantitation Report (Not Reviewed)

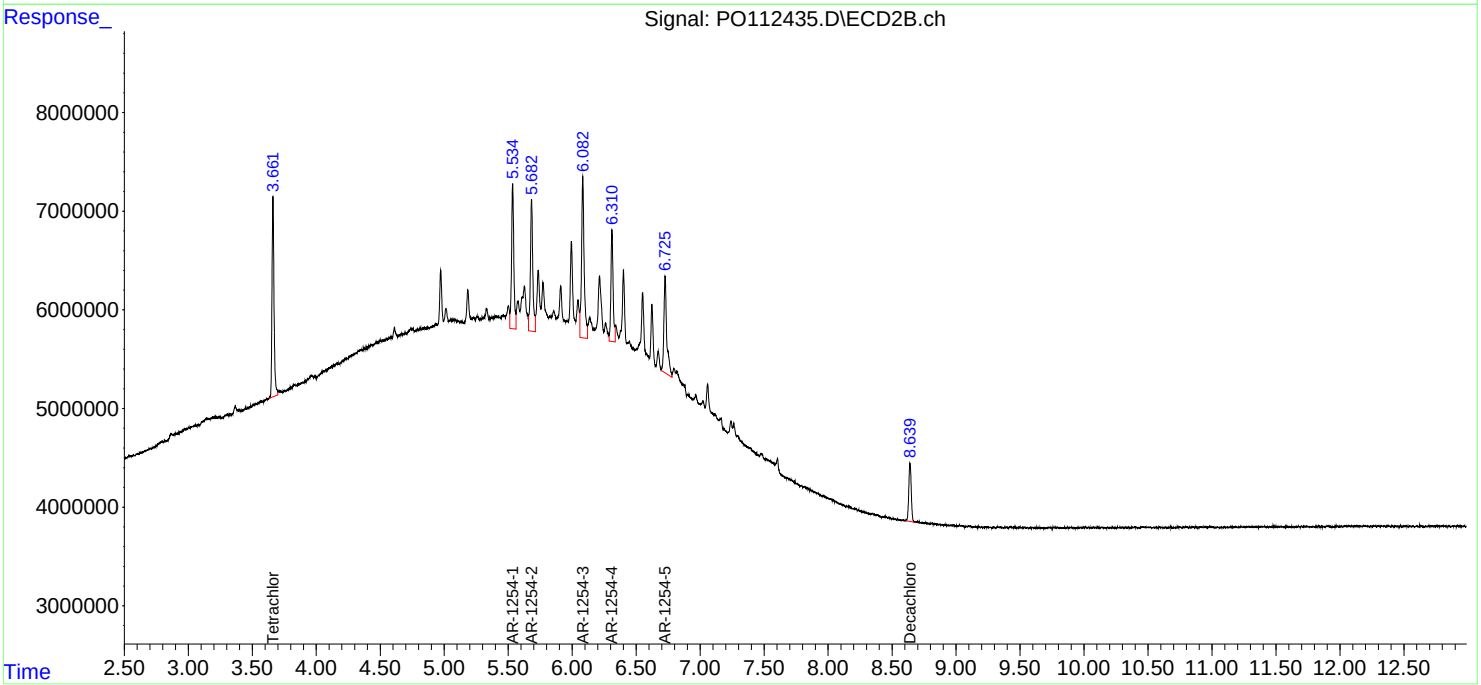
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072325\
Data File : PO112435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:57
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

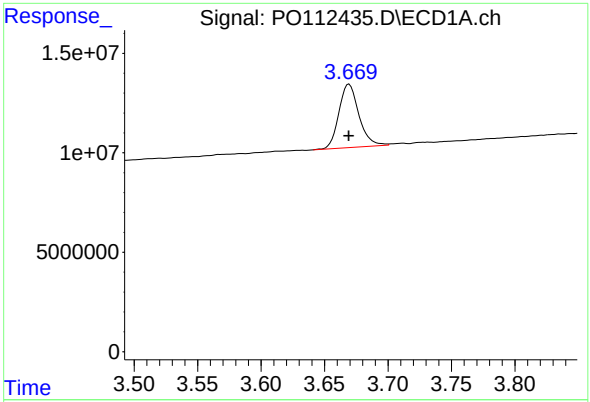
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 18:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 23 17:59:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



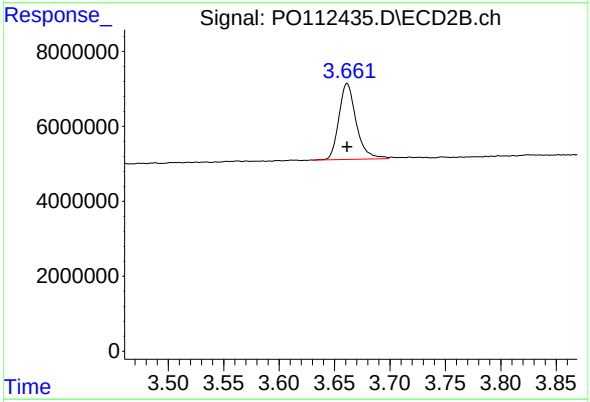




#1 Tetrachloro-m-xylene

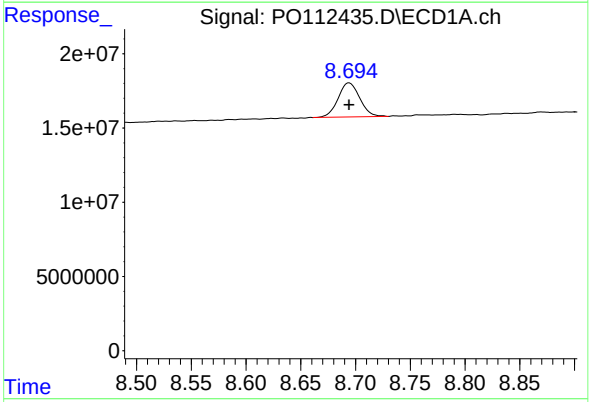
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 35024549
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



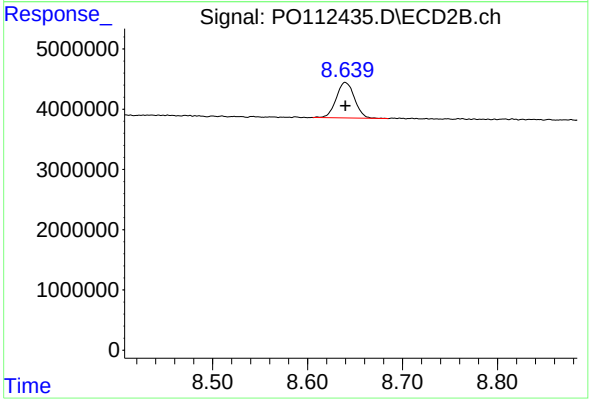
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 22021040
Conc: 4.26 ng/ml



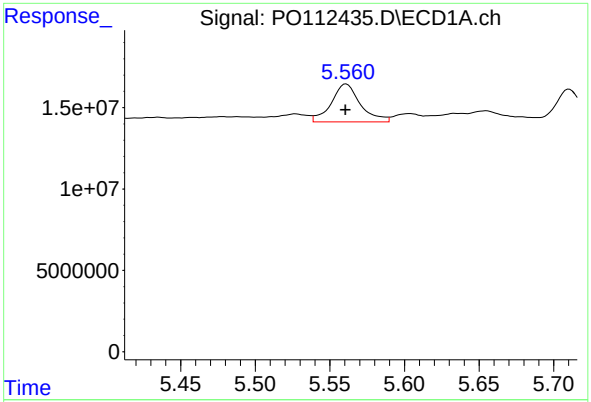
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 31608253
Conc: 4.13 ng/ml



#2 Decachlorobiphenyl

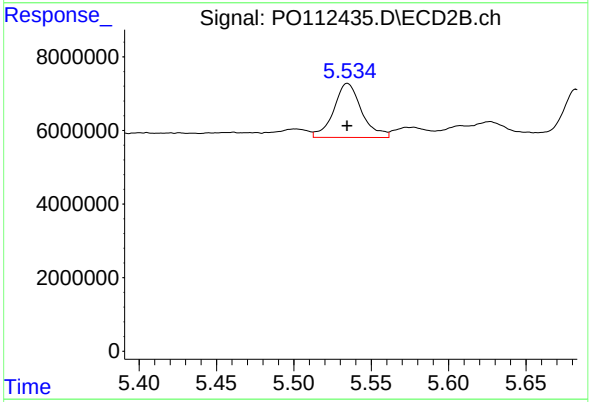
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 7869748
Conc: 4.32 ng/ml



#26 AR-1254-1

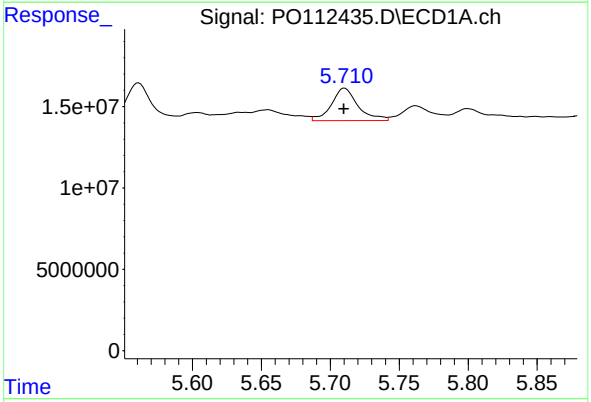
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 31620587
Conc: 58.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



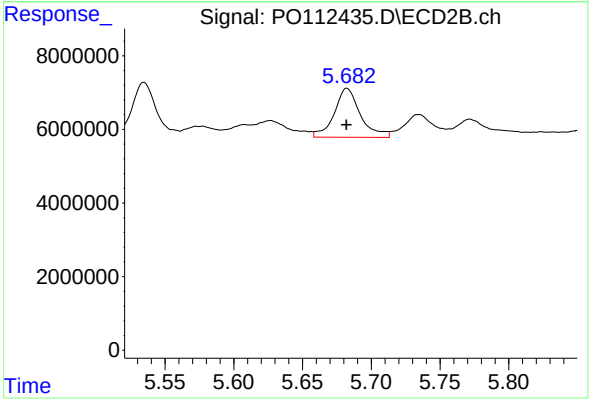
#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 18445655
Conc: 56.18 ng/ml



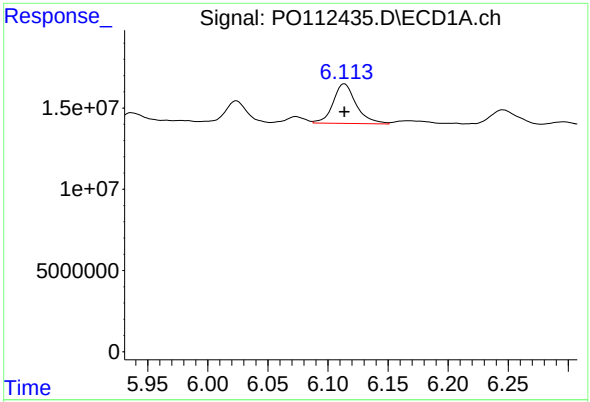
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 26814044
Conc: 55.82 ng/ml



#27 AR-1254-2

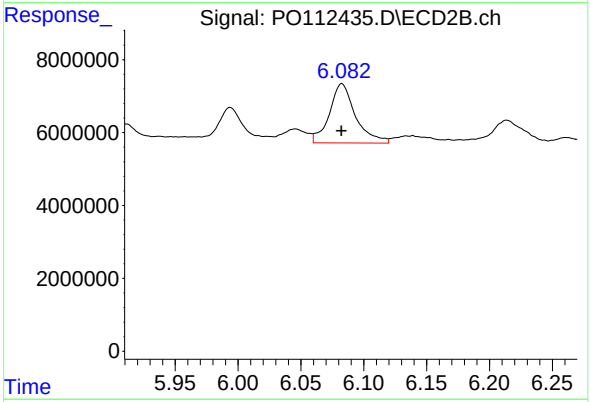
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 17671717
Conc: 61.64 ng/ml



#28 AR-1254-3

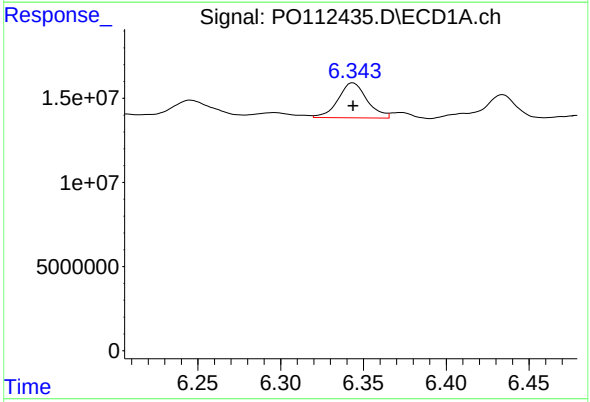
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 32662856
Conc: 43.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



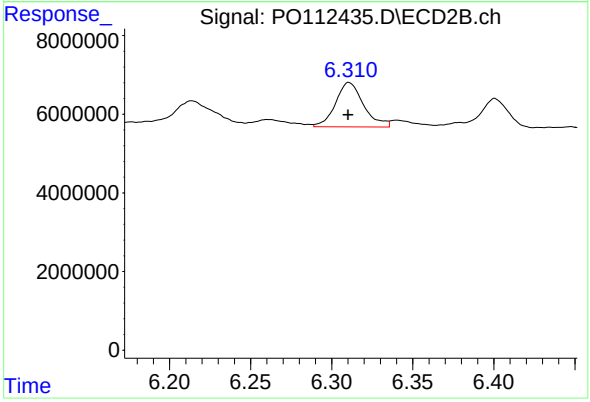
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 23495492
Conc: 55.00 ng/ml



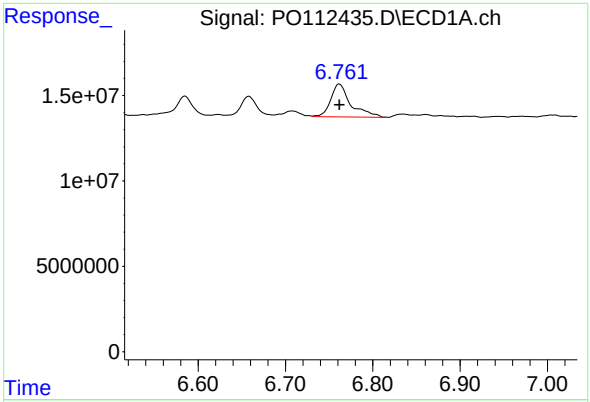
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 25352878
Conc: 46.12 ng/ml



#29 AR-1254-4

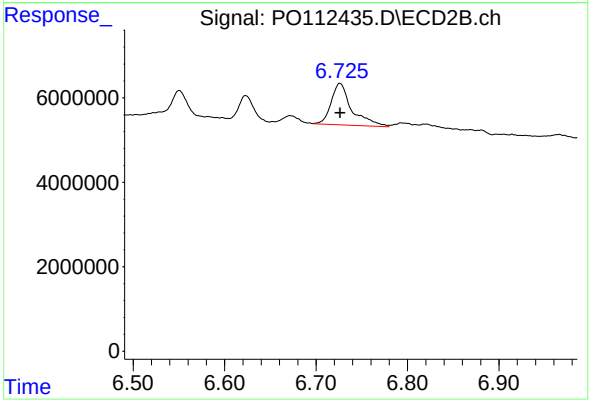
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 13603049
Conc: 50.65 ng/ml



#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 30690471
Conc: 43.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 15381815
Conc: 46.05 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:39:22 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	469.7E6	274.6E6	57.765	55.269	
2)	SA	Decachlor...	8.687	8.633	358.1E6	93971024	48.973	53.178	
	Target Compounds								
3)	L1	AR-1016-1	4.752	4.734	147.4E6	91367071	549.288	522.077	
4)	L1	AR-1016-2	4.770	4.751	229.3E6	134.7E6	564.529	517.092	
5)	L1	AR-1016-3	4.827	4.926	144.2E6	70193896	551.218	516.259	
6)	L1	AR-1016-4	4.947	4.969	116.7E6	57301939	550.721	515.840	
7)	L1	AR-1016-5	5.203	5.181	128.2E6	75537038	584.153	527.114	
8)	L2	AR-1221-1	3.877	3.867	13148124	9180422	136.025	136.480	
9)	L2	AR-1221-2	3.965	3.954	19963791	13995329	277.807	275.890	
10)	L2	AR-1221-3	4.039	4.028	77808137	50607541	327.322	319.231	
11)	L3	AR-1232-1	4.039	4.028	77808137	50607541	416.134	399.902	
12)	L3	AR-1232-2	4.531	4.751	115.3E6	134.7E6	1071.630	1027.030	
13)	L3	AR-1232-3	4.770	4.926	229.3E6	70193896	1108.636	1044.602	
14)	L3	AR-1232-4	4.947	5.010	116.7E6	68905552	1113.855	1151.706	
15)	L3	AR-1232-5	4.989	5.181	90857298	75537038	1338.481	1158.490	
16)	L4	AR-1242-1	4.752	4.734	147.4E6	91367071	595.376	576.834	
17)	L4	AR-1242-2	4.770	4.751	229.3E6	134.7E6	619.981	576.463	
18)	L4	AR-1242-3	4.827	4.926	144.2E6	70193896	609.485	579.210	
19)	L4	AR-1242-4	4.947	5.010	116.7E6	68905552	600.506	561.397	
20)	L4	AR-1242-5	5.598	5.530	35516814	76792861	166.032	477.059	#
21)	L5	AR-1248-1	4.752	4.734	147.4E6	91367071	787.411	751.935	
22)	L5	AR-1248-2	4.989	4.969	90857298	57301939	356.146	338.505	
23)	L5	AR-1248-3	5.203	5.010	128.2E6	68905552	373.011	387.879	
24)	L5	AR-1248-4	5.556	5.181	135.5E6	75537038	266.615	362.541	#
25)	L5	AR-1248-5	5.598	5.571	35516814	21481781	101.595	100.025	
26)	L6	AR-1254-1	5.556	5.530	135.5E6	76792861	246.761	233.682	
27)	L6	AR-1254-2	5.705	5.678	102.0E6	56804415	209.968	196.222	
28)	L6	AR-1254-3	6.125	6.094	191.3E6	103.5E6	257.015	242.166	
29)	L6	AR-1254-4	6.339	6.306	28484111	13812616	51.817	50.603	
30)	L6	AR-1254-5	6.756	6.721	340.1E6	156.7E6	480.427	469.129	
31)	L7	AR-1260-1	6.240	6.208	241.8E6	130.2E6	550.345	523.958	
32)	L7	AR-1260-2	6.430	6.396	373.8E6	175.2E6	543.411	531.849	
33)	L7	AR-1260-3	6.795	6.548	335.7E6	137.9E6	570.949	536.590	
34)	L7	AR-1260-4	7.055	7.017	244.6E6	104.0E6	542.265	543.785	
35)	L7	AR-1260-5	7.297	7.260	656.7E6	231.2E6	529.972	560.820	
36)	L8	AR-1262-1	6.795	6.760	335.7E6	149.6E6	361.307	360.738	
37)	L8	AR-1262-2	7.297	7.260	656.7E6	231.2E6	441.628	448.392	
38)	L8	AR-1262-3	7.580	7.540	135.6E6	47945338	229.672	257.045	
39)	L8	AR-1262-4	7.643	7.603	400.9E6	127.7E6	403.259	443.370	
40)	L8	AR-1262-5	8.140	8.096	139.2E6	31782749	320.641	319.414	
41)	L9	AR-1268-1	7.580	7.540	135.6E6	47945338	77.415	92.583	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:39:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.643	7.603	400.9E6	127.7E6	272.166	300.511
43) L9	AR-1268-3	7.851	7.807	5704040	1601864	4.555	4.986
44) L9	AR-1268-4	8.140	8.096	139.2E6	31782749	288.832	285.571
45) L9	AR-1268-5	8.432	8.383	33094872	8792996	9.858	12.017

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

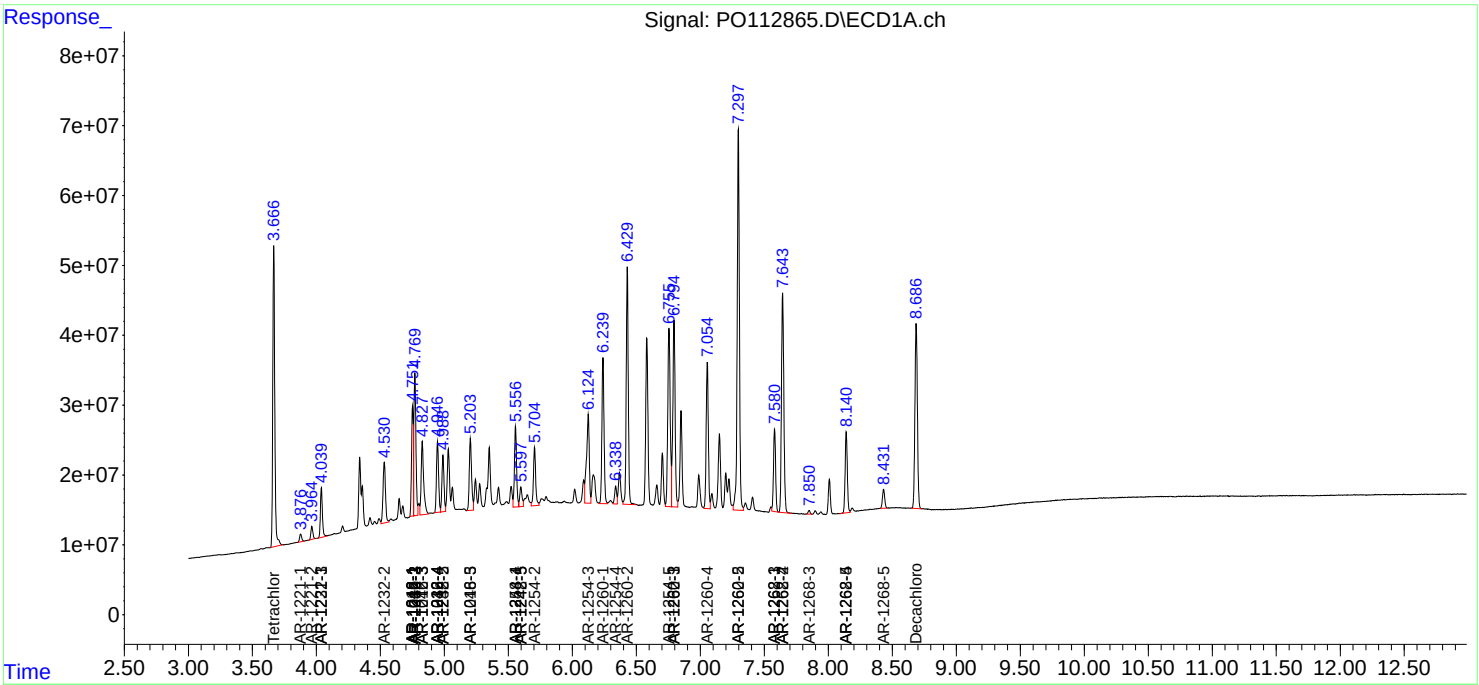
Quantitation Report (Not Reviewed)

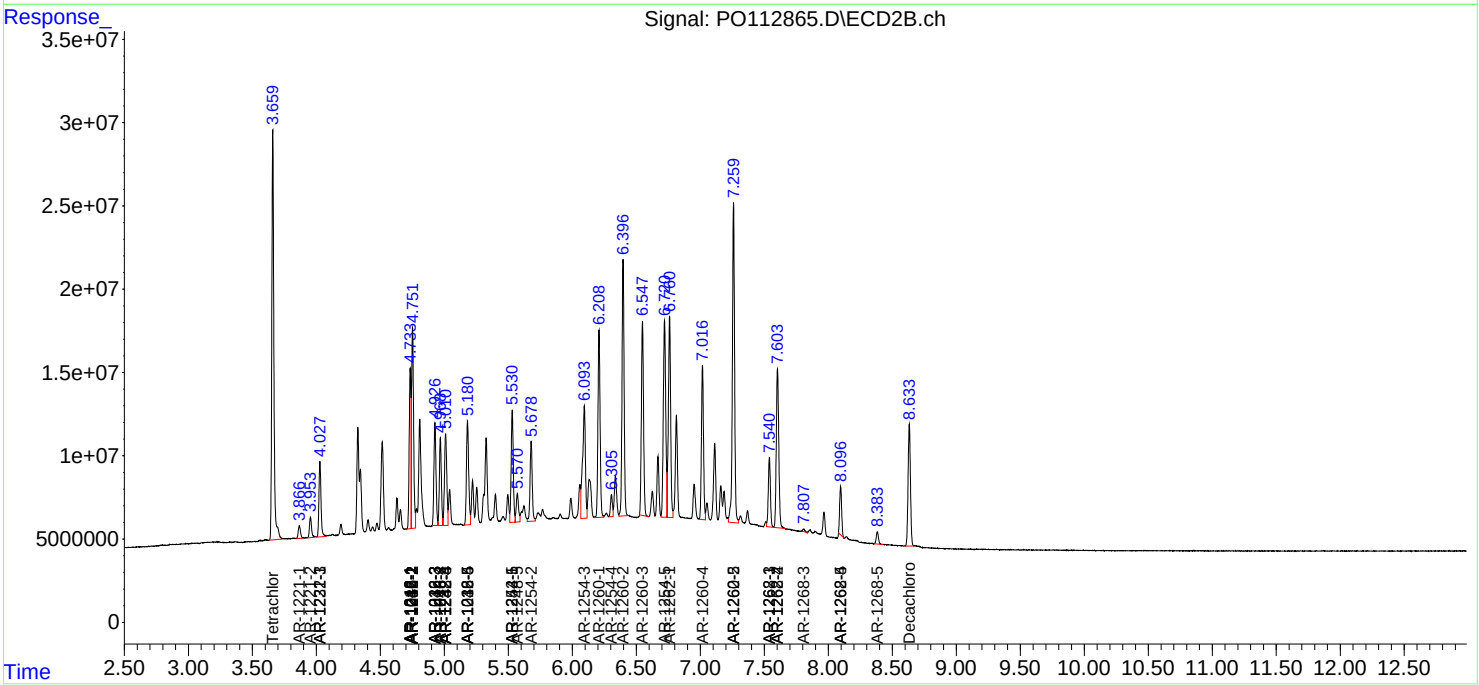
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081225\
Data File : PO112865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

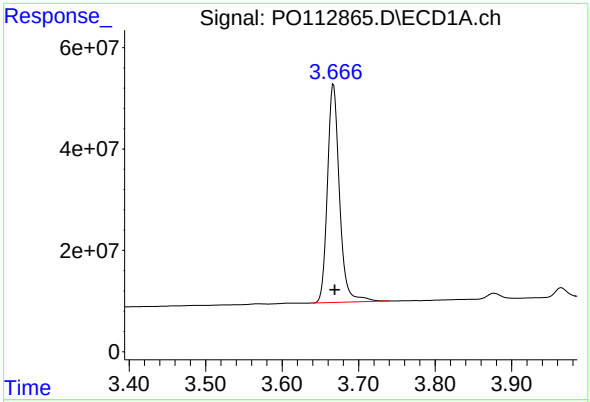
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:39:22 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



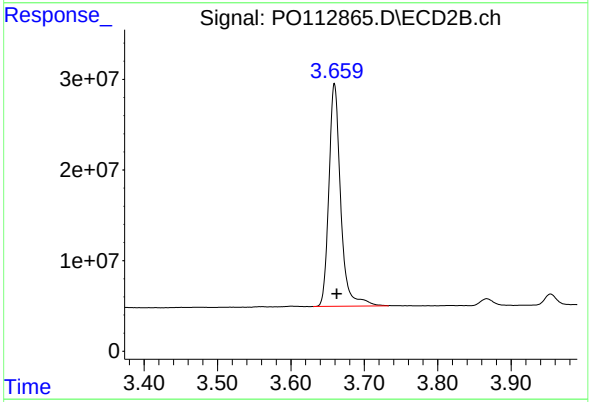




#1 Tetrachloro-m-xylene

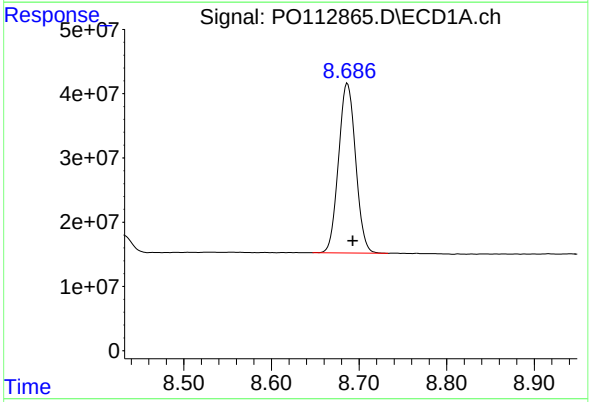
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 469719514
Conc: 57.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



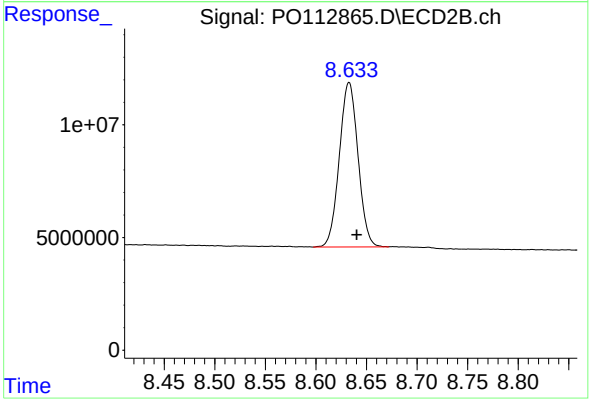
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 274642690
Conc: 55.27 ng/ml



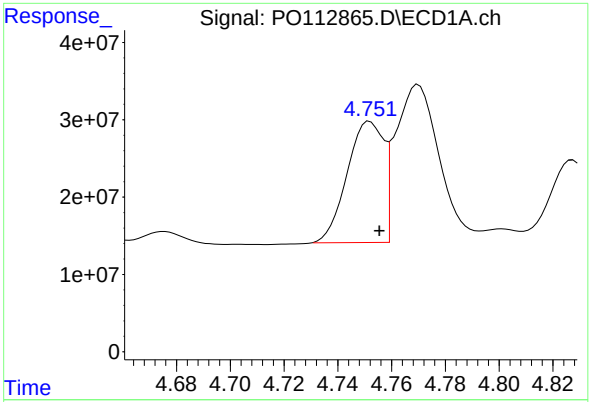
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 358077397
Conc: 48.97 ng/ml



#2 Decachlorobiphenyl

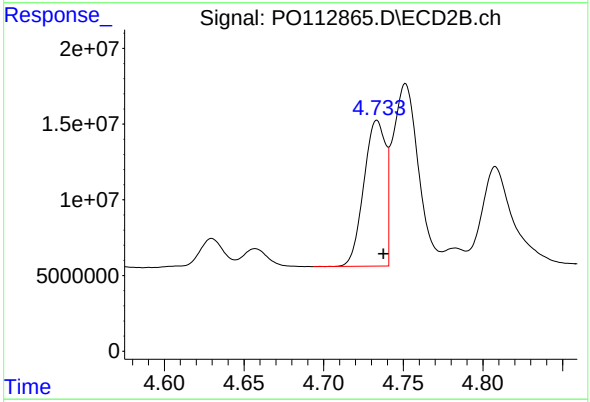
R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 93971024
Conc: 53.18 ng/ml



#3 AR-1016-1

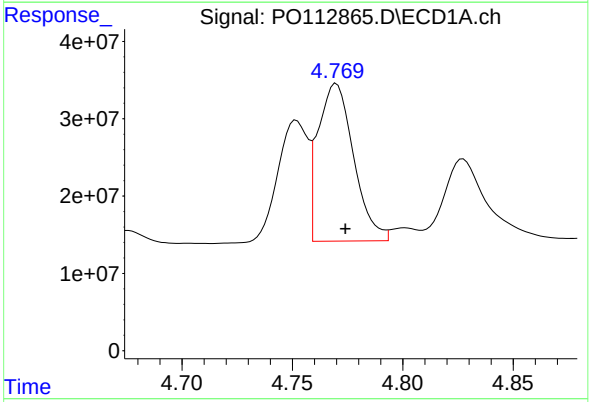
R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 147410245
Conc: 549.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



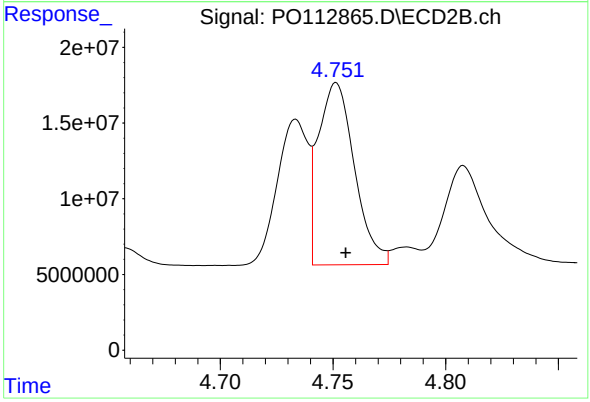
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 91367071
Conc: 522.08 ng/ml



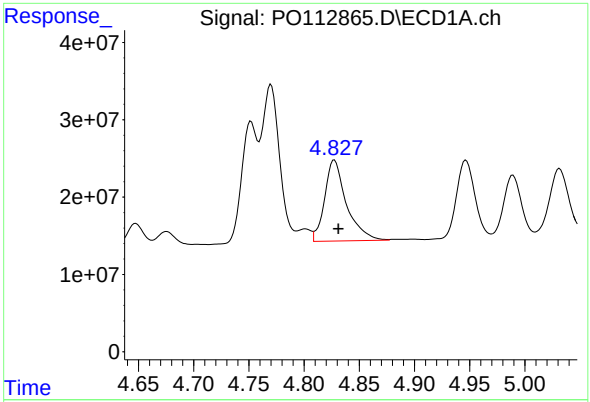
#4 AR-1016-2

R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 229265156
Conc: 564.53 ng/ml



#4 AR-1016-2

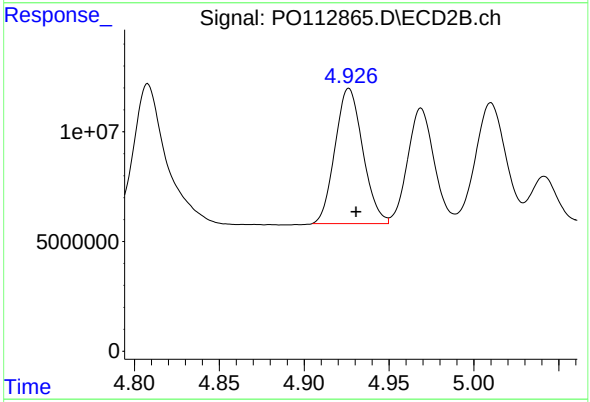
R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 134699953
Conc: 517.09 ng/ml



#5 AR-1016-3

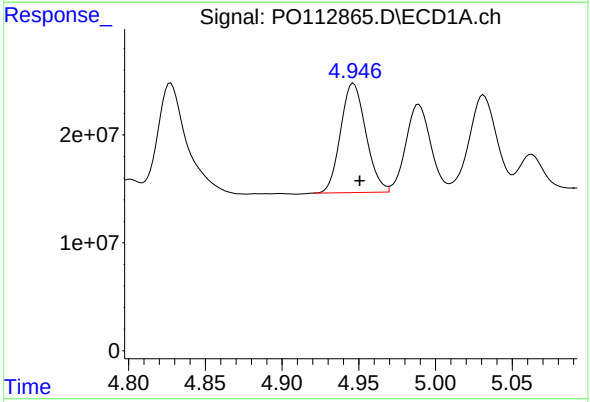
R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 144239367
Conc: 551.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



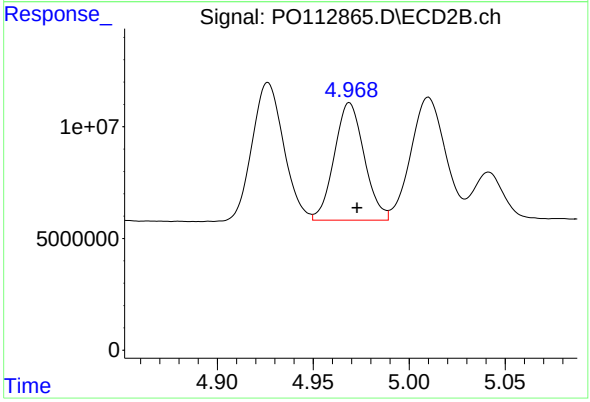
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 70193896
Conc: 516.26 ng/ml



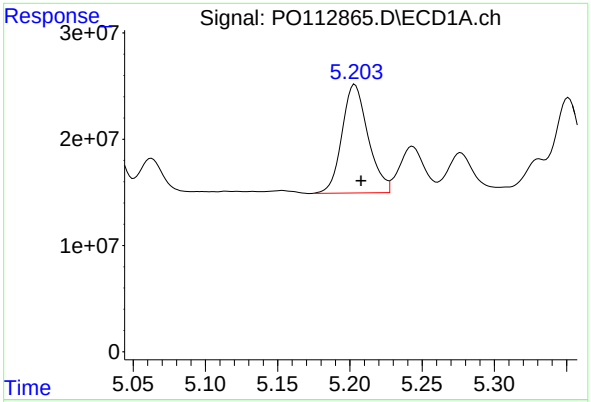
#6 AR-1016-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 116665542
Conc: 550.72 ng/ml



#6 AR-1016-4

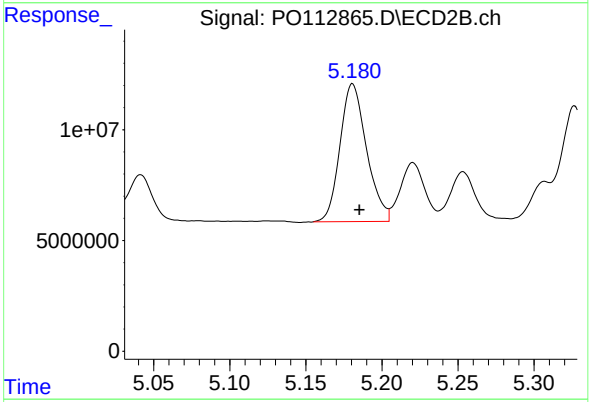
R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 57301939
Conc: 515.84 ng/ml



#7 AR-1016-5

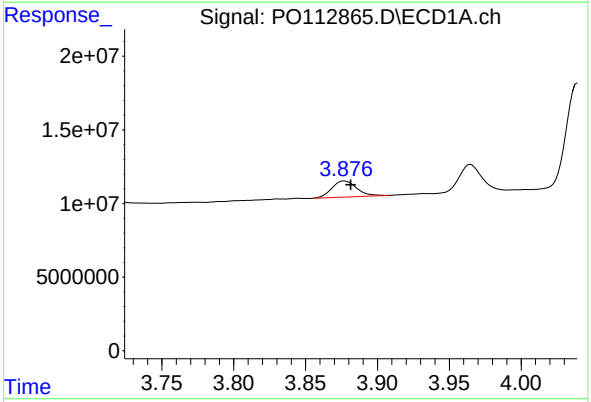
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 128204484
Conc: 584.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



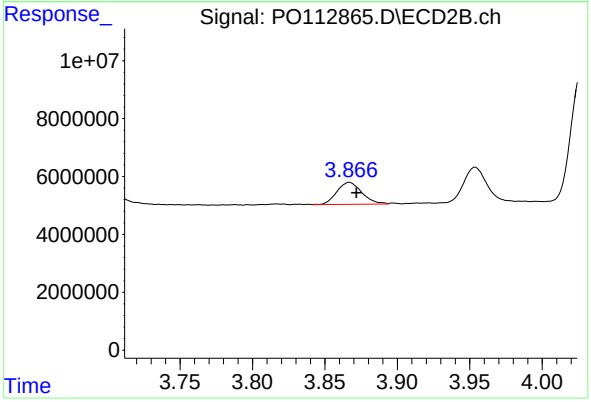
#7 AR-1016-5

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 75537038
Conc: 527.11 ng/ml



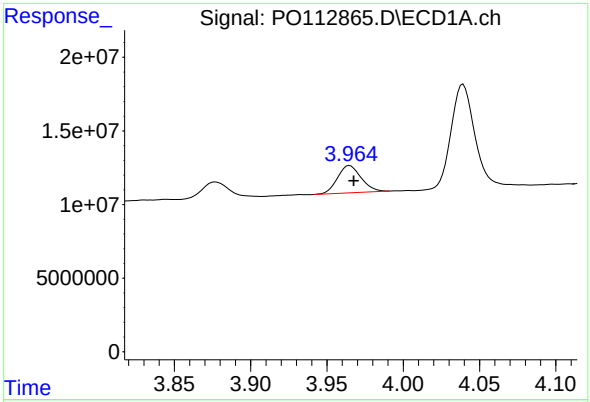
#8 AR-1221-1

R.T.: 3.877 min
Delta R.T.: -0.005 min
Response: 13148124
Conc: 136.02 ng/ml



#8 AR-1221-1

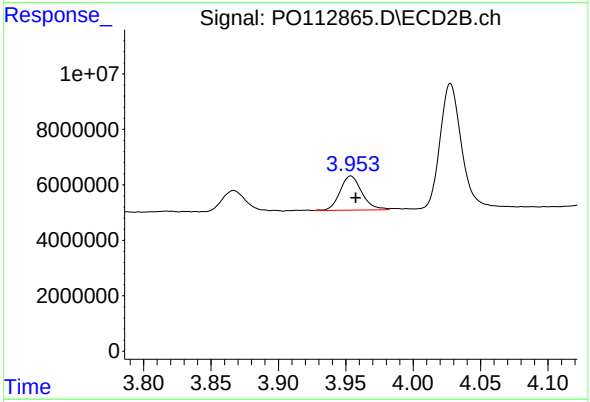
R.T.: 3.867 min
Delta R.T.: -0.005 min
Response: 9180422
Conc: 136.48 ng/ml



#9 AR-1221-2

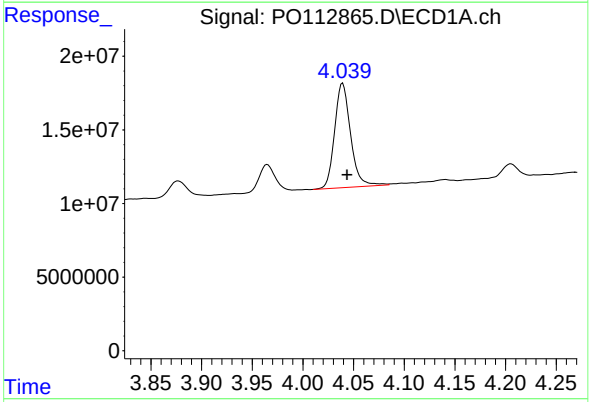
R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 19963791
Conc: 277.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



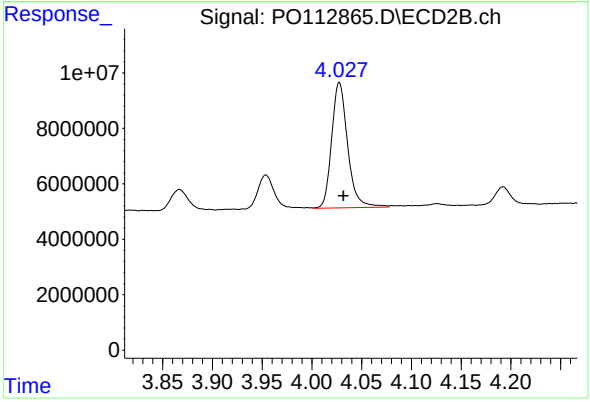
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 13995329
Conc: 275.89 ng/ml



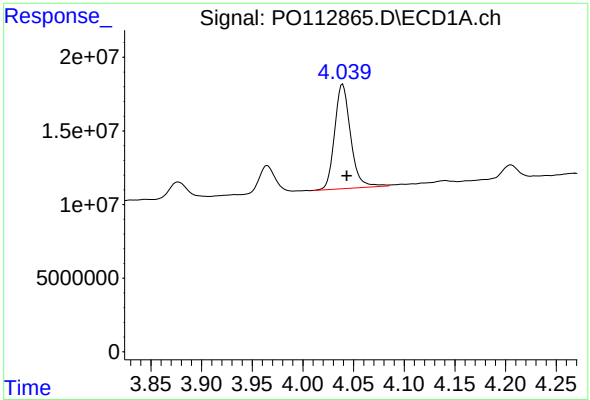
#10 AR-1221-3

R.T.: 4.039 min
Delta R.T.: -0.004 min
Response: 77808137
Conc: 327.32 ng/ml



#10 AR-1221-3

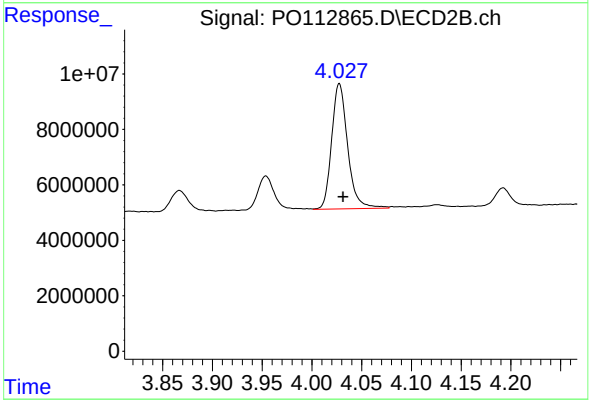
R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 50607541
Conc: 319.23 ng/ml



#11 AR-1232-1

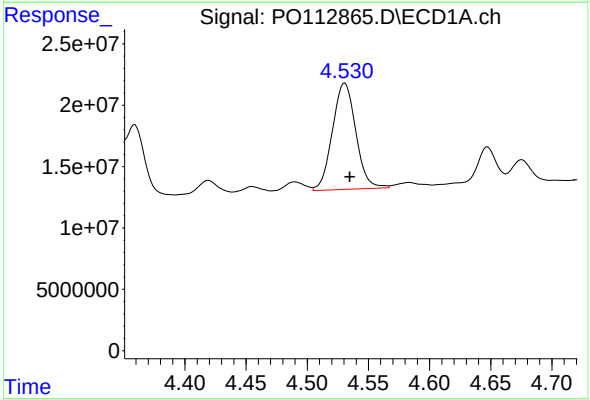
R.T.: 4.039 min
Delta R.T.: -0.004 min
Response: 77808137
Conc: 416.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



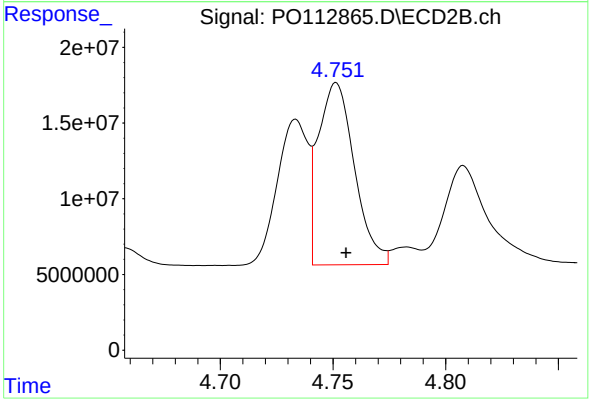
#11 AR-1232-1

R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 50607541
Conc: 399.90 ng/ml



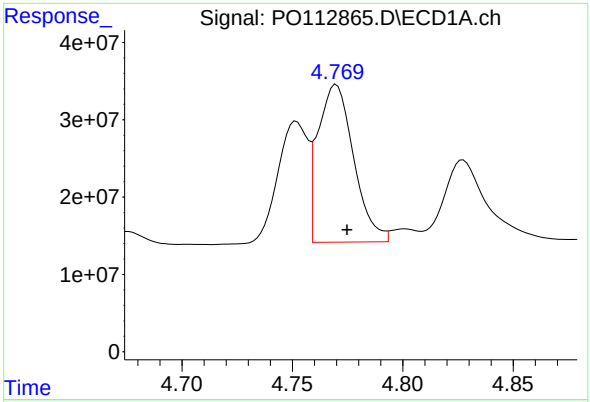
#12 AR-1232-2

R.T.: 4.531 min
Delta R.T.: -0.004 min
Response: 115333904
Conc: 1071.63 ng/ml



#12 AR-1232-2

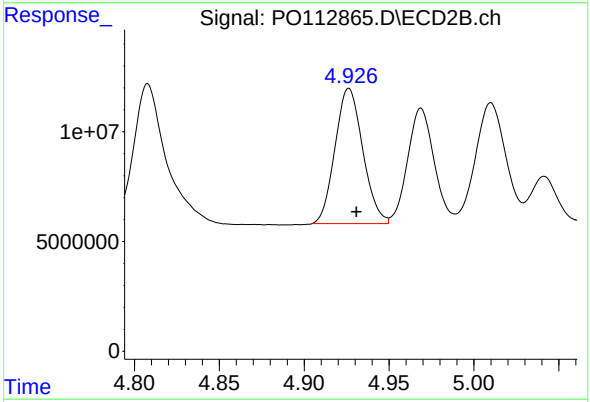
R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 134699953
Conc: 1027.03 ng/ml



#13 AR-1232-3

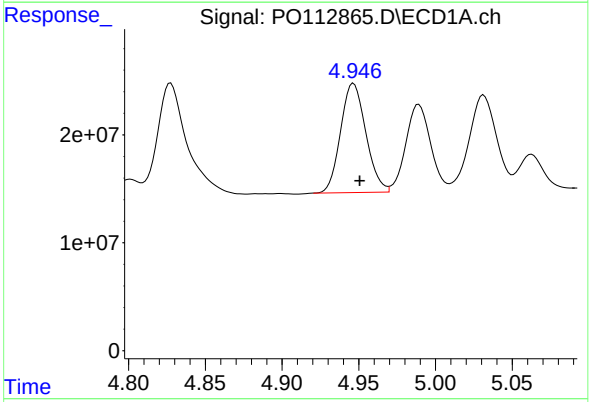
R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 229265156
Conc: 1108.64 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



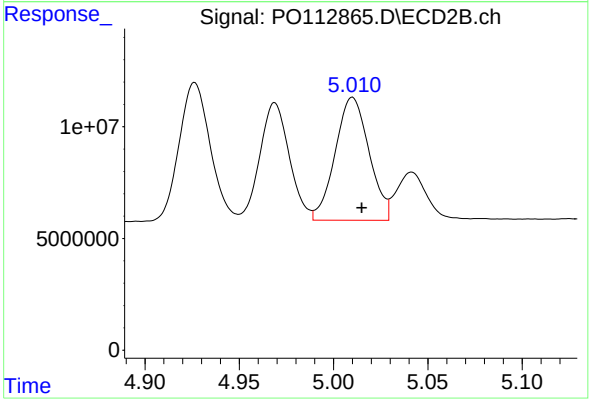
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 70193896
Conc: 1044.60 ng/ml



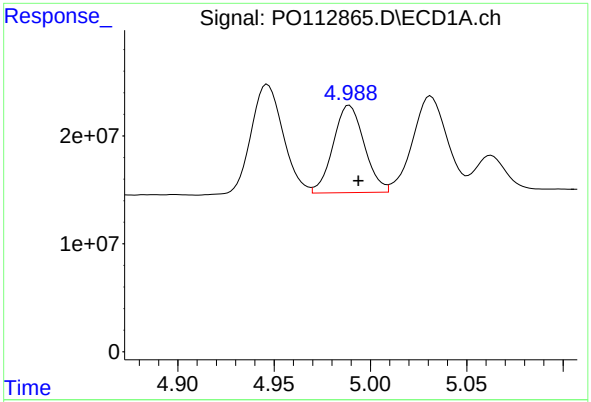
#14 AR-1232-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 116665542
Conc: 1113.86 ng/ml



#14 AR-1232-4

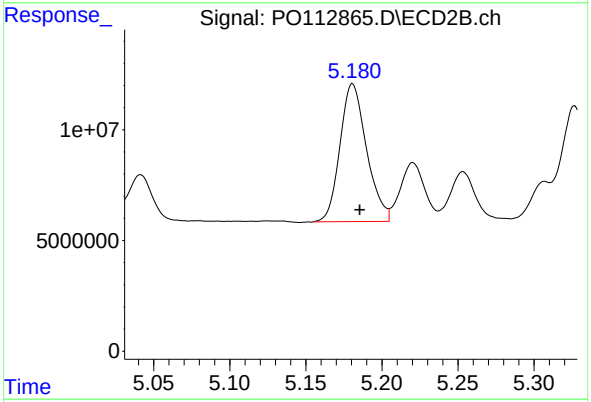
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 68905552
Conc: 1151.71 ng/ml



#15 AR-1232-5

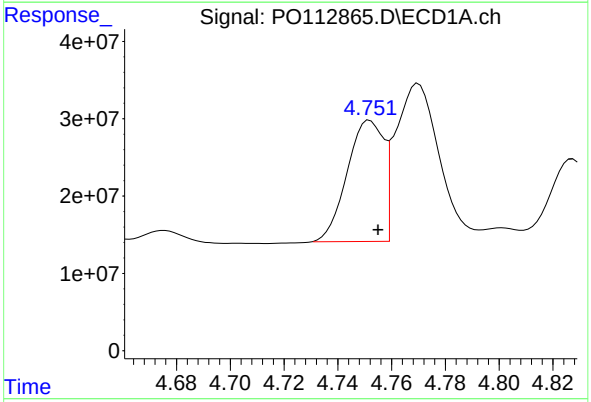
R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 90857298
Conc: 1338.48 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



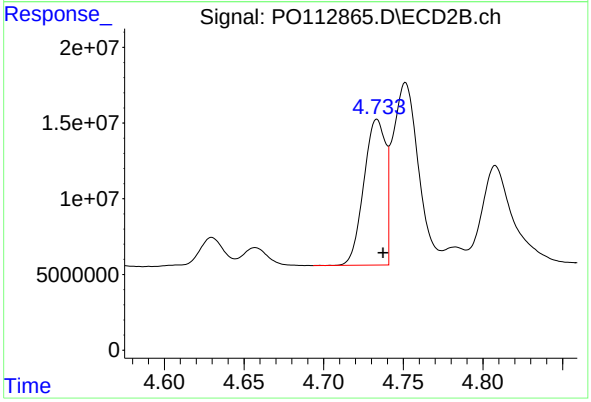
#15 AR-1232-5

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 75537038
Conc: 1158.49 ng/ml



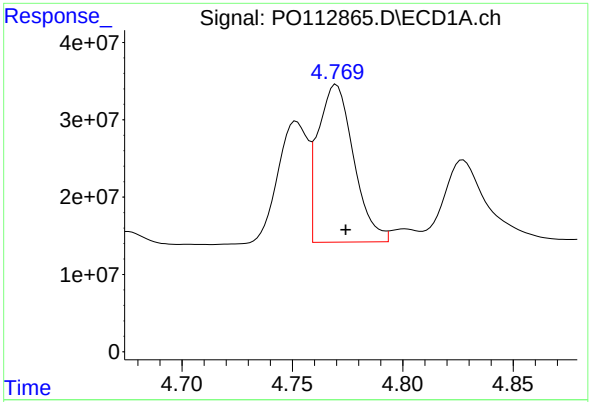
#16 AR-1242-1

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 147410245
Conc: 595.38 ng/ml



#16 AR-1242-1

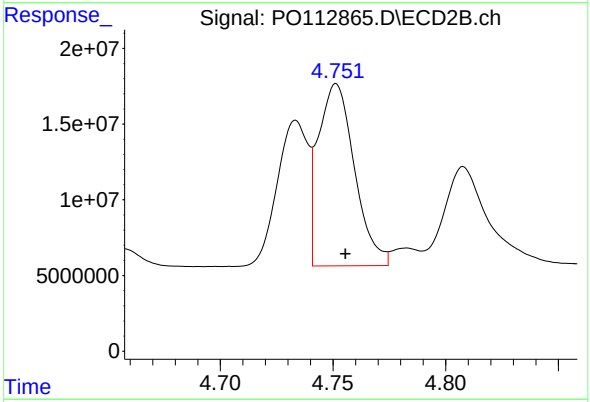
R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 91367071
Conc: 576.83 ng/ml



#17 AR-1242-2

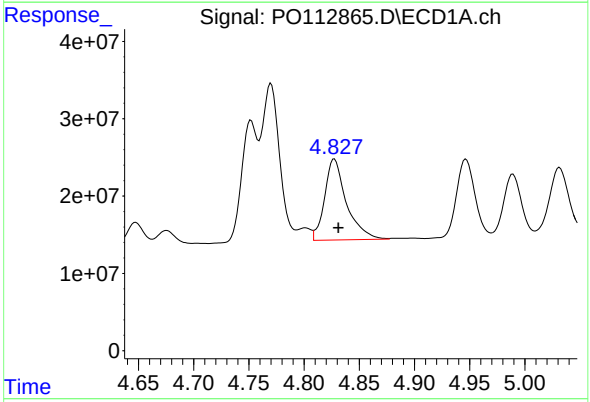
R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 229265156
Conc: 619.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



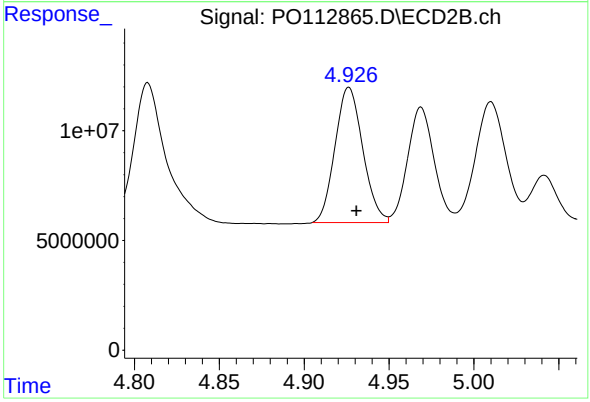
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 134699953
Conc: 576.46 ng/ml



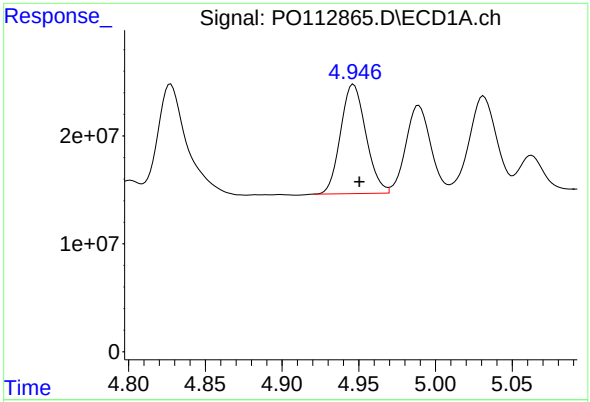
#18 AR-1242-3

R.T.: 4.827 min
Delta R.T.: -0.003 min
Response: 144239367
Conc: 609.48 ng/ml



#18 AR-1242-3

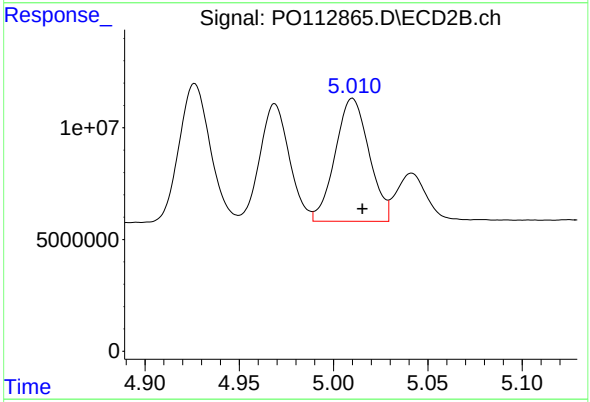
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 70193896
Conc: 579.21 ng/ml



#19 AR-1242-4

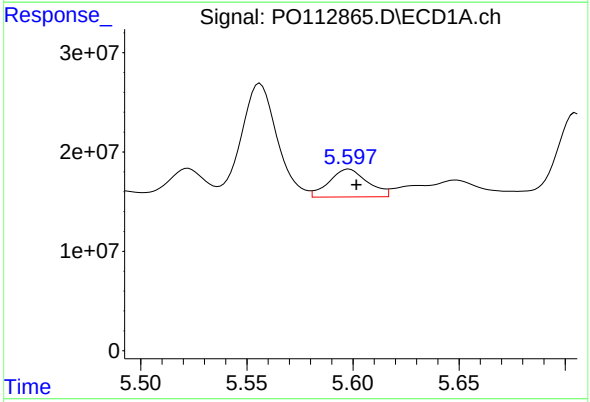
R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 116665542
Conc: 600.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



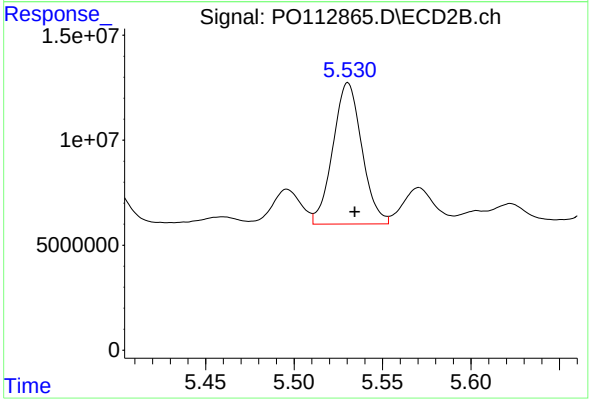
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 68905552
Conc: 561.40 ng/ml



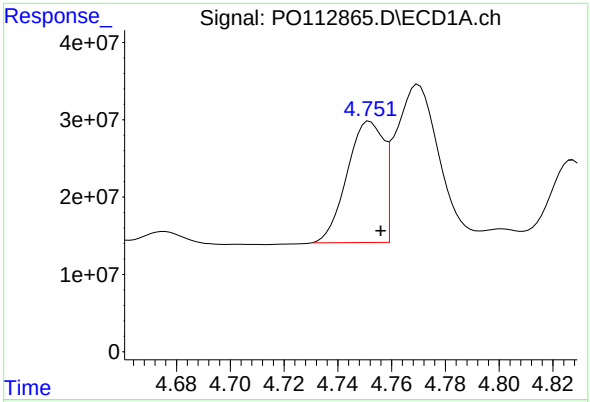
#20 AR-1242-5

R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 35516814
Conc: 166.03 ng/ml



#20 AR-1242-5

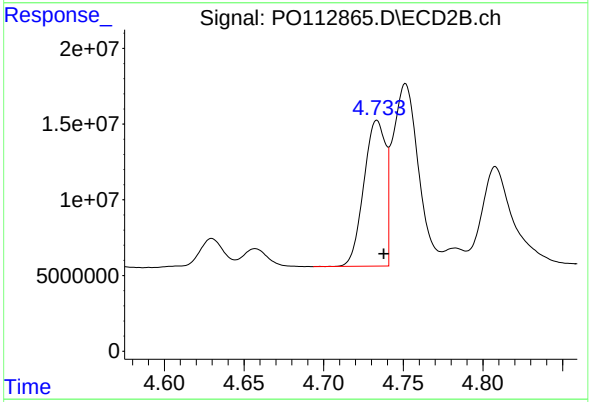
R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 76792861
Conc: 477.06 ng/ml



#21 AR-1248-1

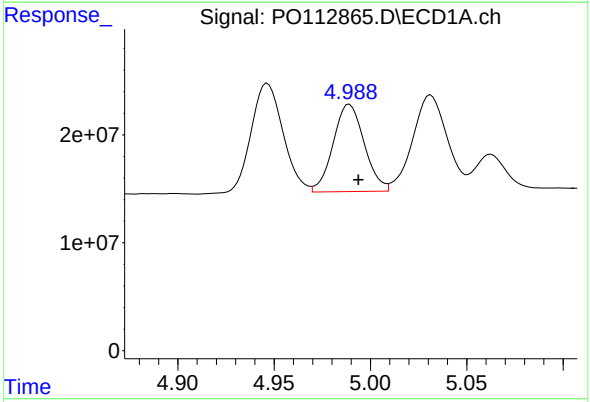
R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 147410245
Conc: 787.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



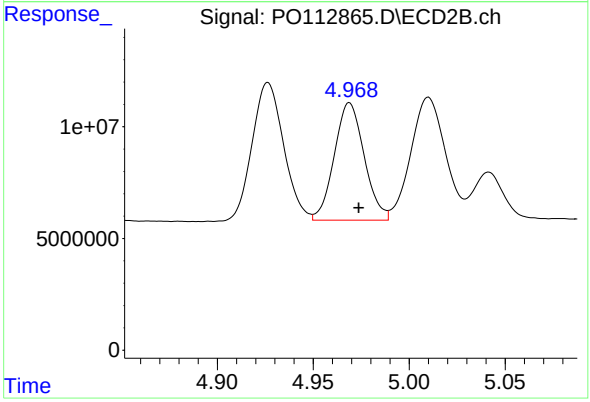
#21 AR-1248-1

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 91367071
Conc: 751.93 ng/ml



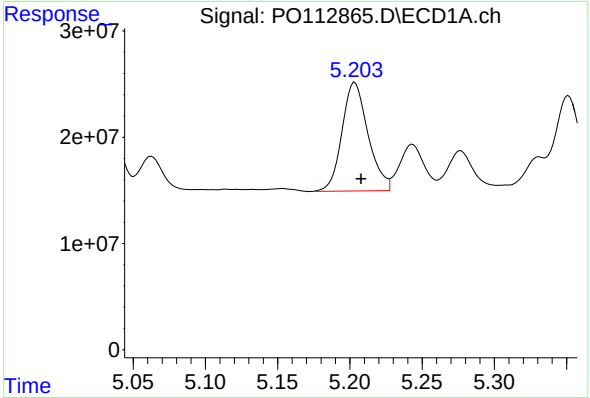
#22 AR-1248-2

R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 90857298
Conc: 356.15 ng/ml



#22 AR-1248-2

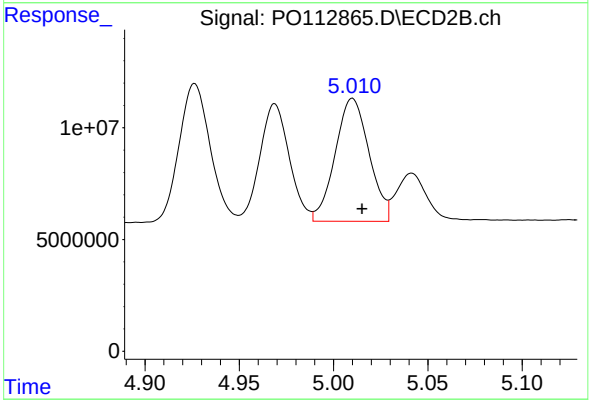
R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 57301939
Conc: 338.50 ng/ml



#23 AR-1248-3

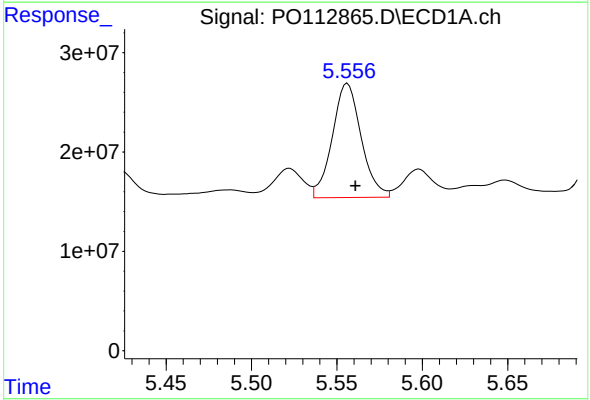
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 128204484
Conc: 373.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



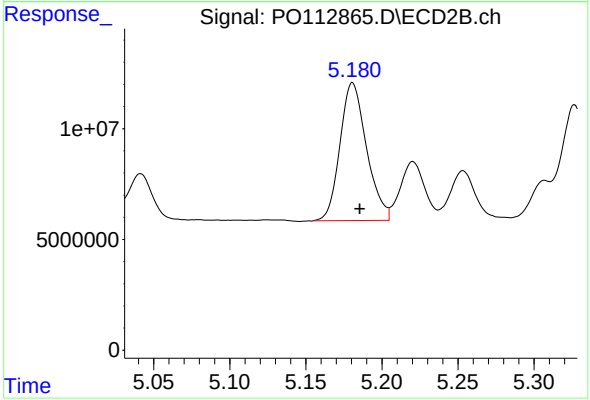
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 68905552
Conc: 387.88 ng/ml



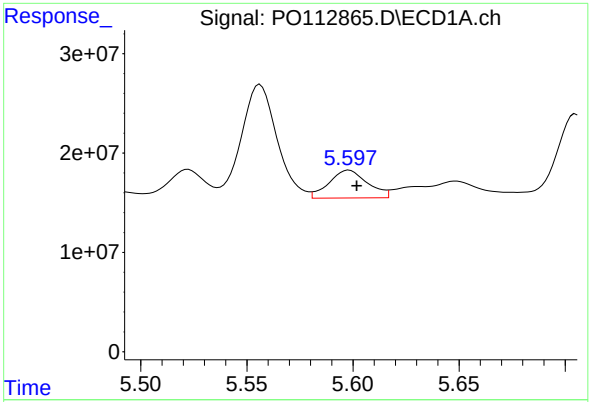
#24 AR-1248-4

R.T.: 5.556 min
Delta R.T.: -0.005 min
Response: 135461406
Conc: 266.62 ng/ml



#24 AR-1248-4

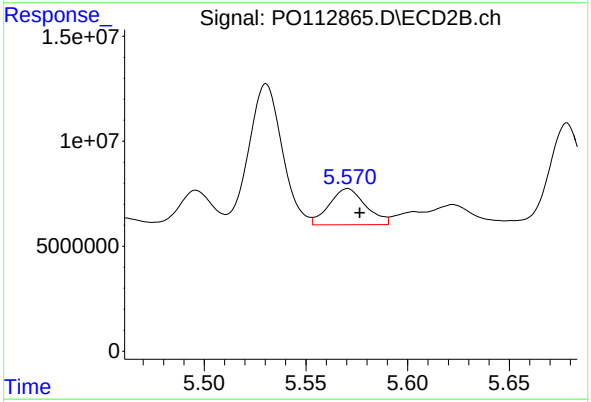
R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 75537038
Conc: 362.54 ng/ml



#25 AR-1248-5

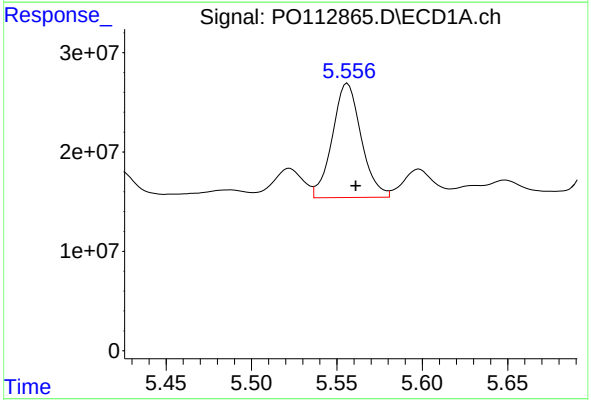
R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 35516814
Conc: 101.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



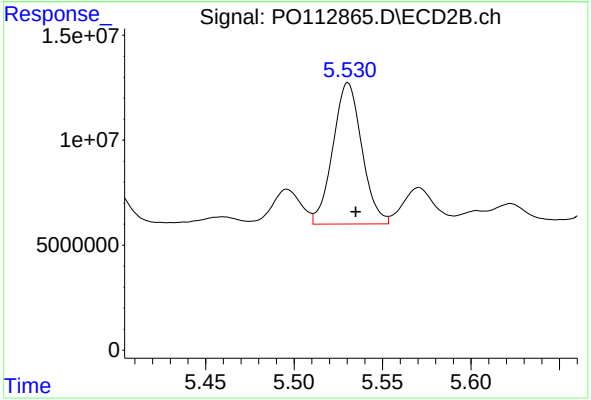
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 21481781
Conc: 100.02 ng/ml



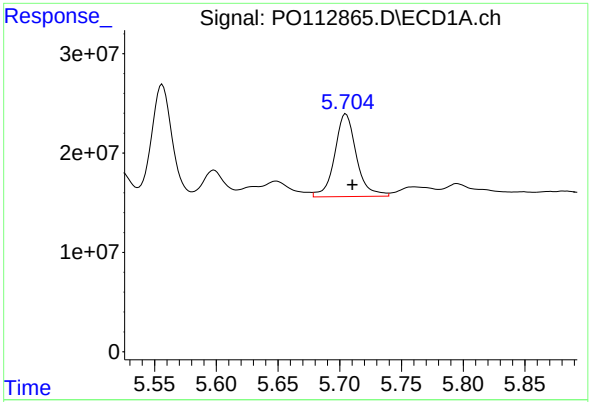
#26 AR-1254-1

R.T.: 5.556 min
Delta R.T.: -0.005 min
Response: 135461406
Conc: 246.76 ng/ml



#26 AR-1254-1

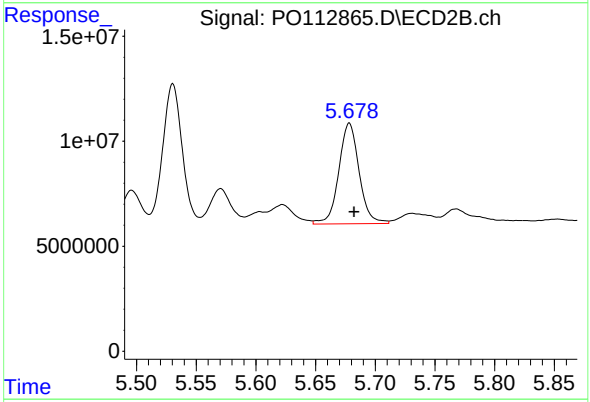
R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 76792861
Conc: 233.68 ng/ml



#27 AR-1254-2

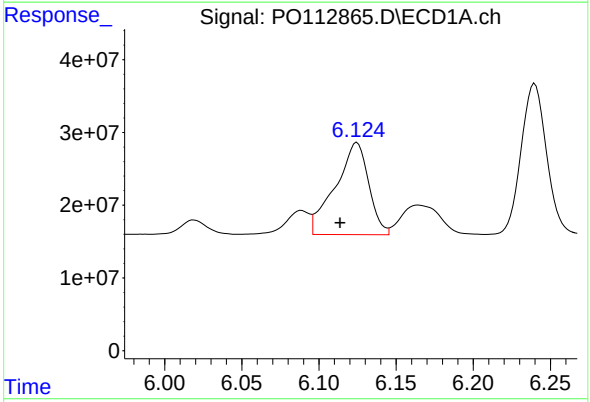
R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 102027337
Conc: 209.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



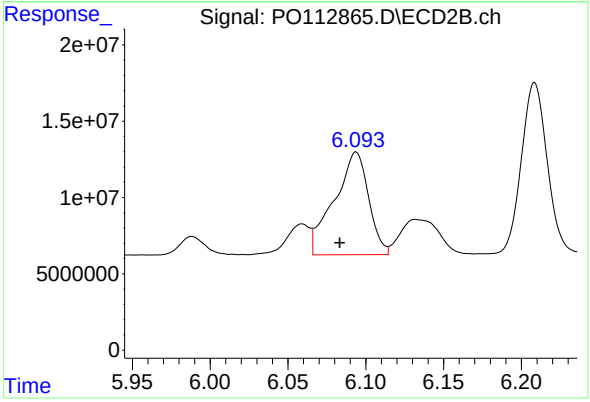
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 56804415
Conc: 196.22 ng/ml



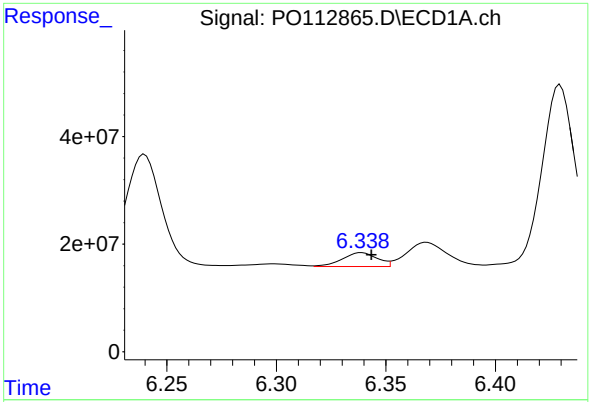
#28 AR-1254-3

R.T.: 6.125 min
Delta R.T.: 0.011 min
Response: 191292429
Conc: 257.01 ng/ml



#28 AR-1254-3

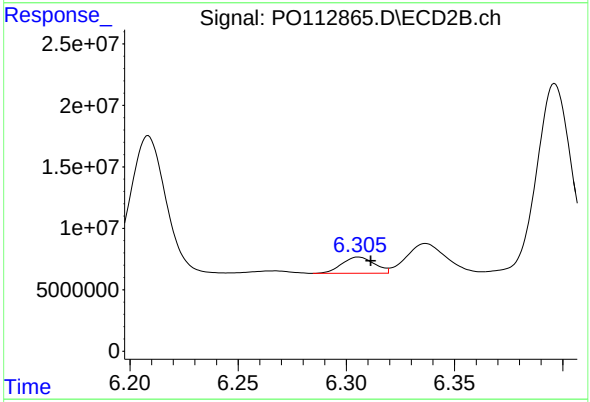
R.T.: 6.094 min
Delta R.T.: 0.010 min
Response: 103516711
Conc: 242.17 ng/ml



#29 AR-1254-4

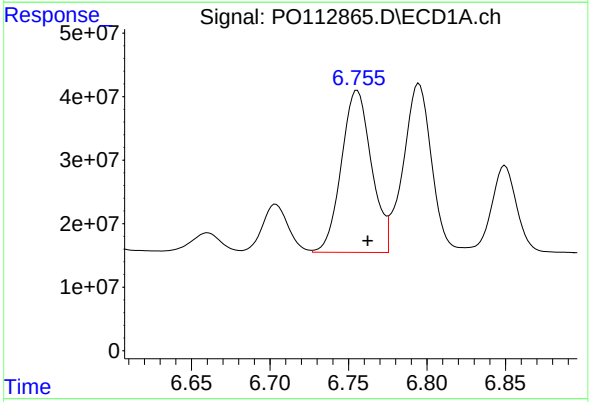
R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 28484111
Conc: 51.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



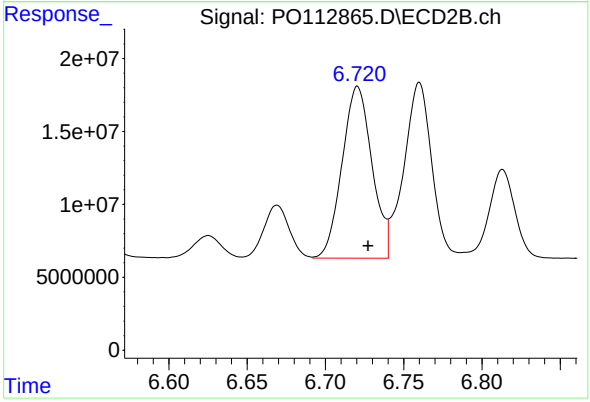
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.006 min
Response: 13812616
Conc: 50.60 ng/ml



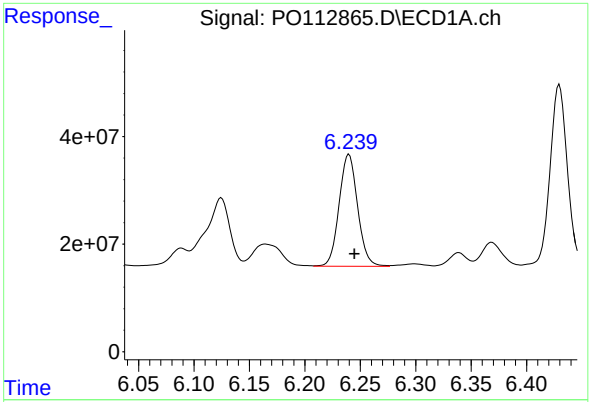
#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.007 min
Response: 340057594
Conc: 480.43 ng/ml



#30 AR-1254-5

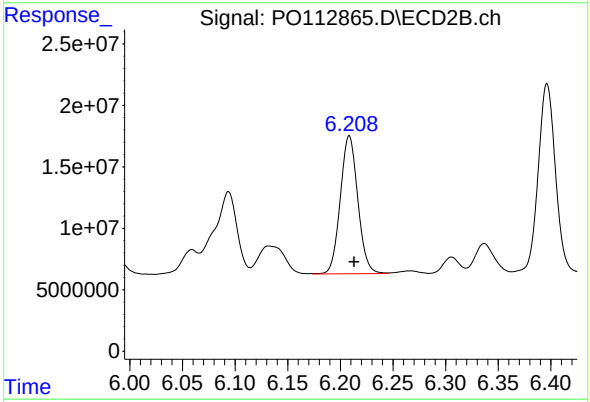
R.T.: 6.721 min
Delta R.T.: -0.007 min
Response: 156698403
Conc: 469.13 ng/ml



#31 AR-1260-1

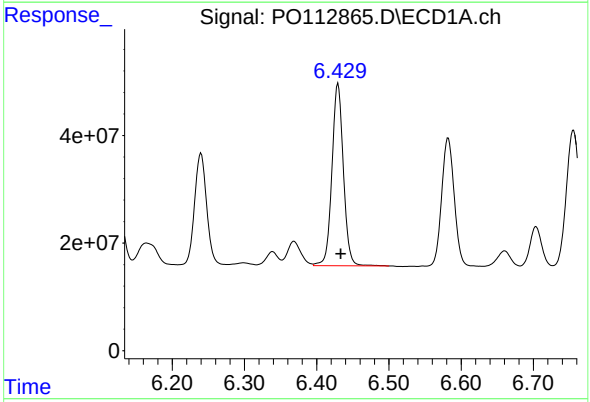
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 241783854
Conc: 550.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



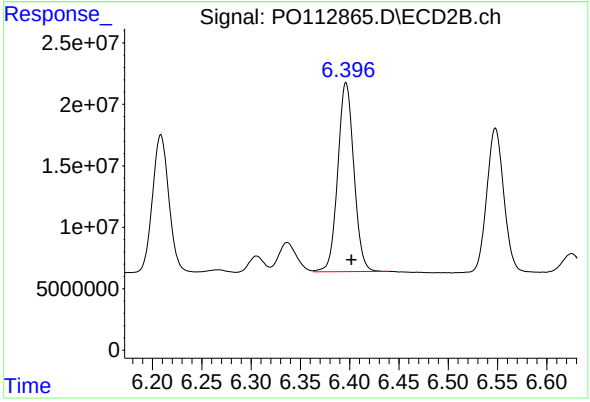
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 130209411
Conc: 523.96 ng/ml



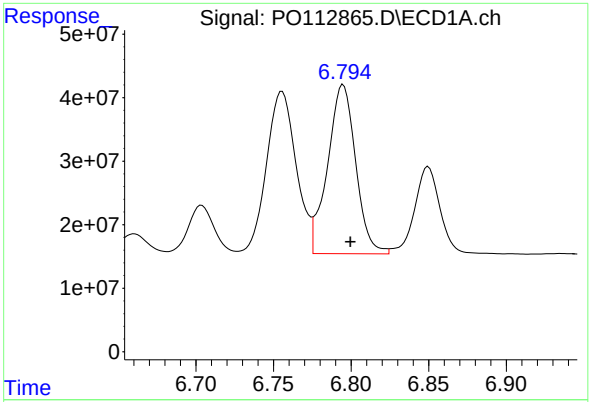
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 373809275
Conc: 543.41 ng/ml



#32 AR-1260-2

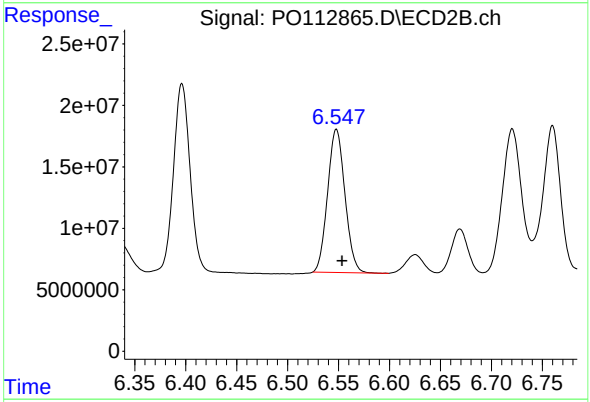
R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 175240912
Conc: 531.85 ng/ml



#33 AR-1260-3

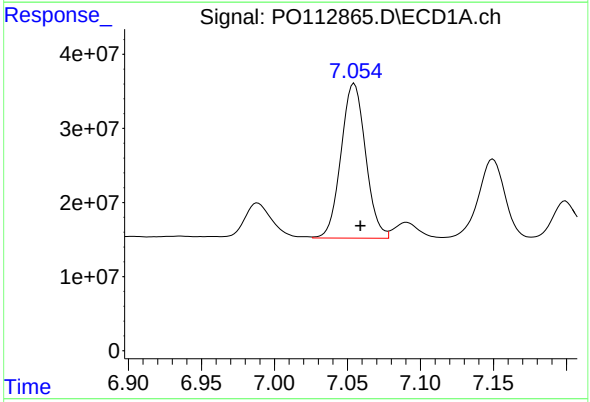
R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 335729402
Conc: 570.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



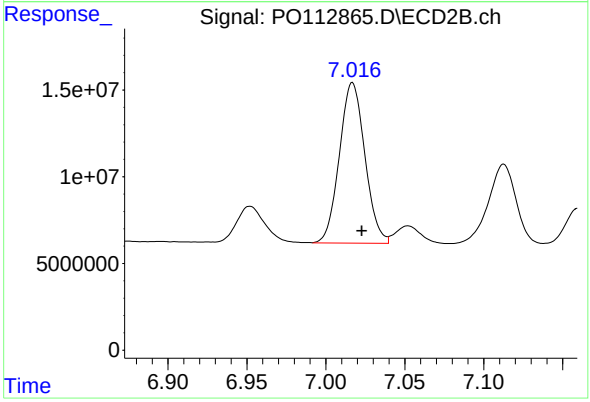
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 137861384
Conc: 536.59 ng/ml



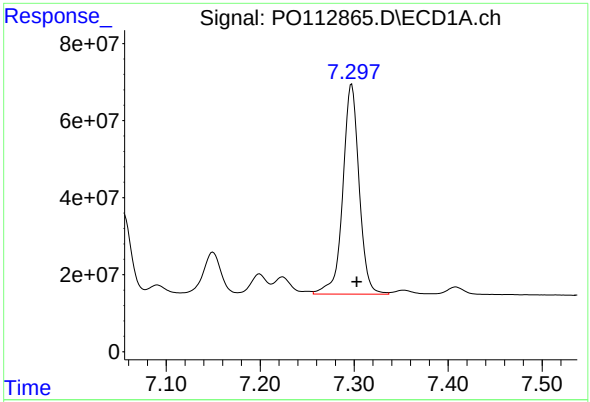
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 244563892
Conc: 542.26 ng/ml



#34 AR-1260-4

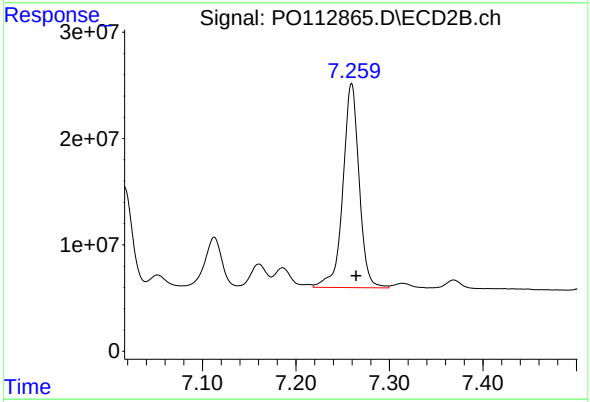
R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 104031834
Conc: 543.78 ng/ml



#35 AR-1260-5

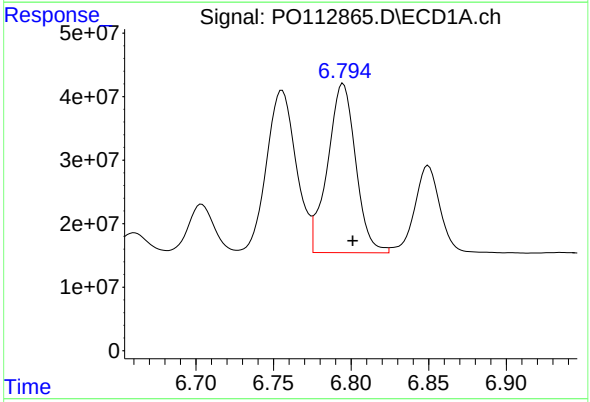
R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 656708588
Conc: 529.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



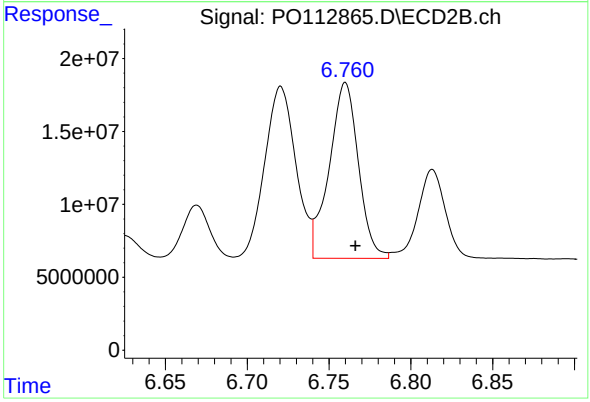
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 231166363
Conc: 560.82 ng/ml



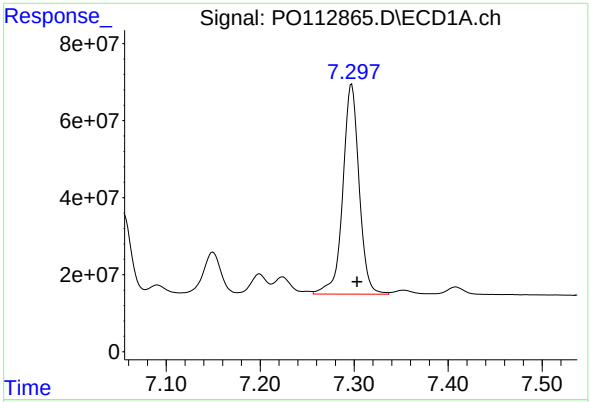
#36 AR-1262-1

R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 335729402
Conc: 361.31 ng/ml



#36 AR-1262-1

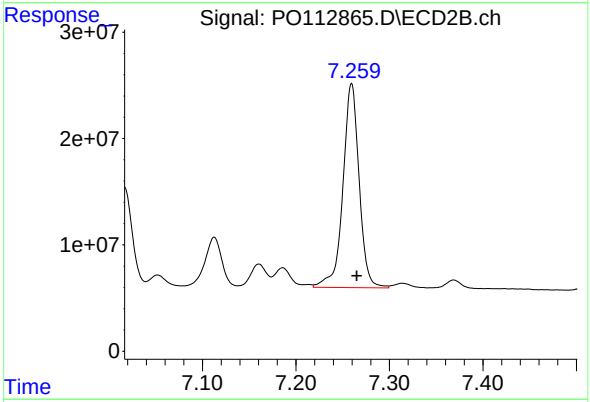
R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 149644381
Conc: 360.74 ng/ml



#37 AR-1262-2

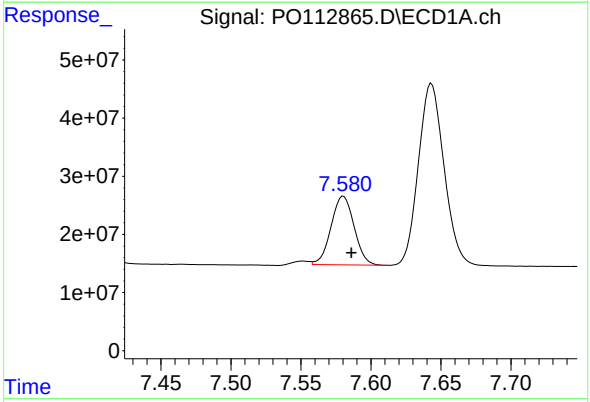
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 656708588
Conc: 441.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



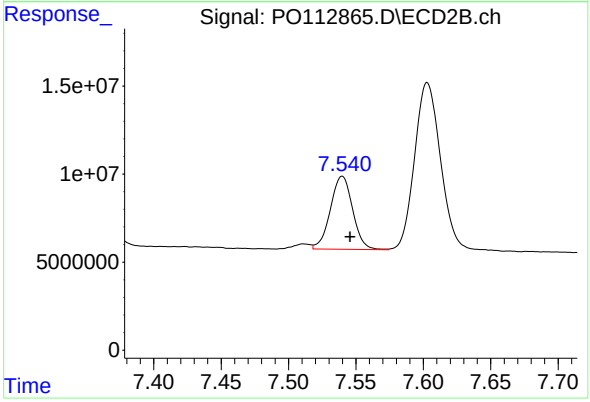
#37 AR-1262-2

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 231166363
Conc: 448.39 ng/ml



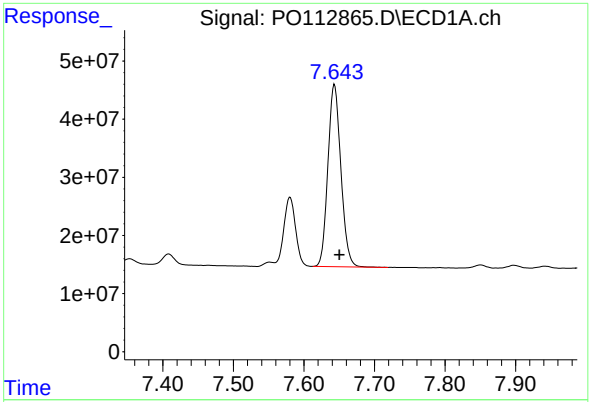
#38 AR-1262-3

R.T.: 7.580 min
Delta R.T.: -0.006 min
Response: 135564393
Conc: 229.67 ng/ml



#38 AR-1262-3

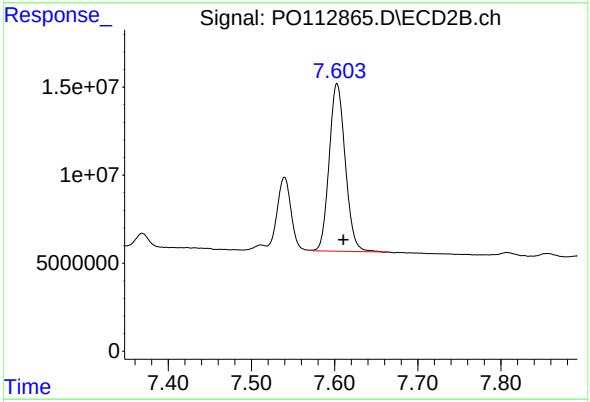
R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 47945338
Conc: 257.04 ng/ml



#39 AR-1262-4

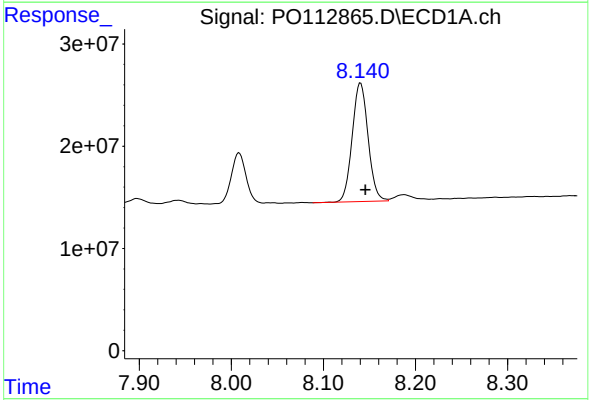
R.T.: 7.643 min
Delta R.T.: -0.007 min
Response: 400906213
Conc: 403.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



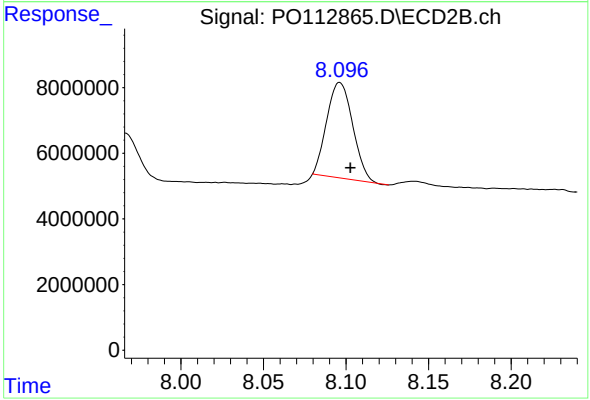
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 127736391
Conc: 443.37 ng/ml



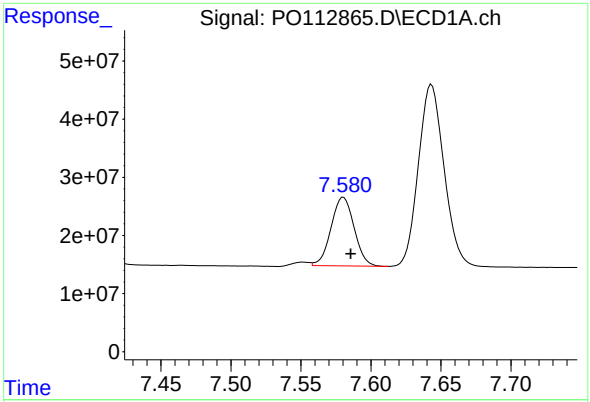
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 139177733
Conc: 320.64 ng/ml



#40 AR-1262-5

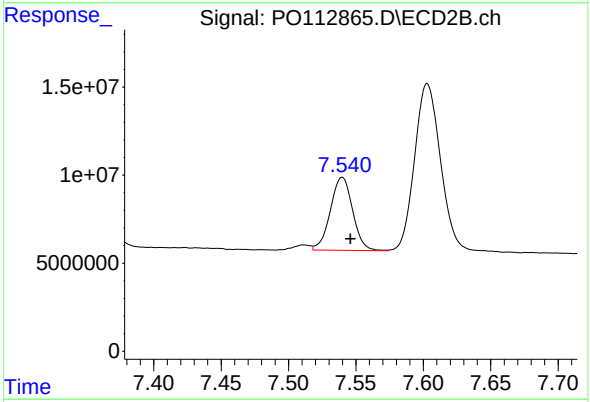
R.T.: 8.096 min
Delta R.T.: -0.007 min
Response: 31782749
Conc: 319.41 ng/ml



#41 AR-1268-1

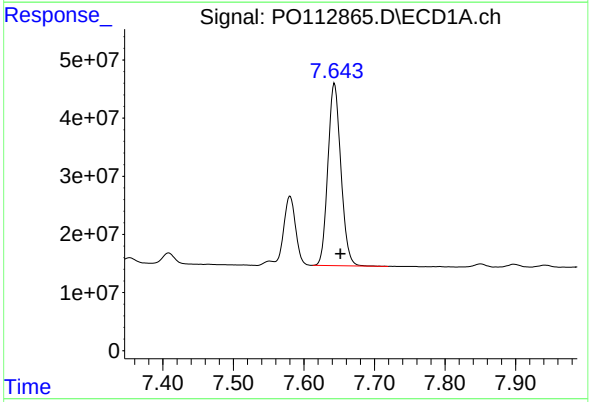
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 135564393
Conc: 77.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



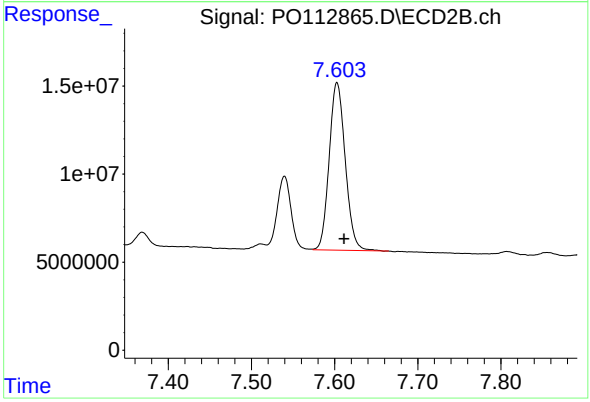
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: -0.006 min
Response: 47945338
Conc: 92.58 ng/ml



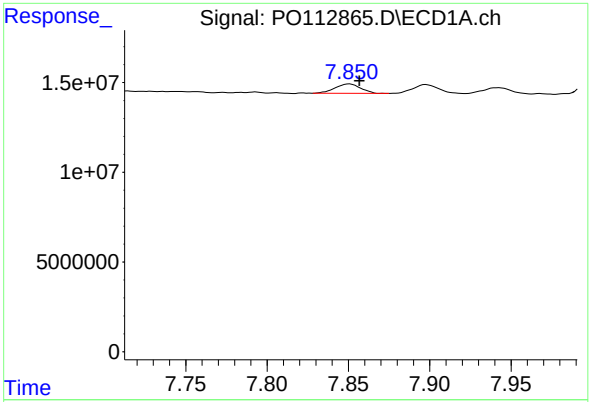
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.008 min
Response: 400906213
Conc: 272.17 ng/ml



#42 AR-1268-2

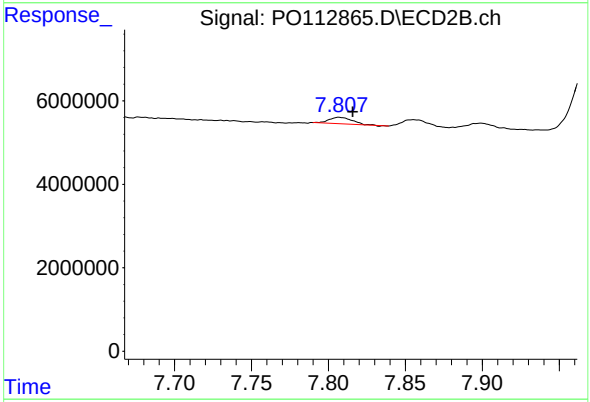
R.T.: 7.603 min
Delta R.T.: -0.008 min
Response: 127736391
Conc: 300.51 ng/ml



#43 AR-1268-3

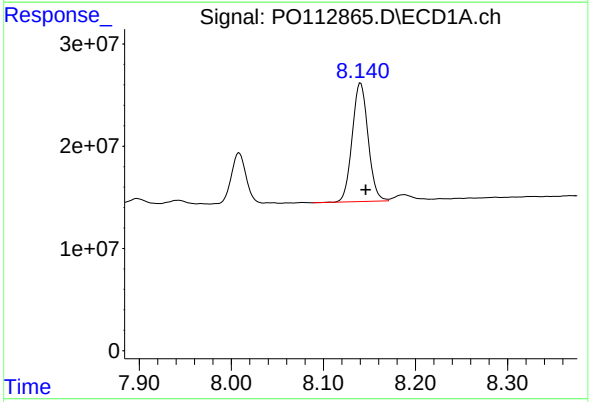
R.T.: 7.851 min
Delta R.T.: -0.006 min
Response: 5704040
Conc: 4.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



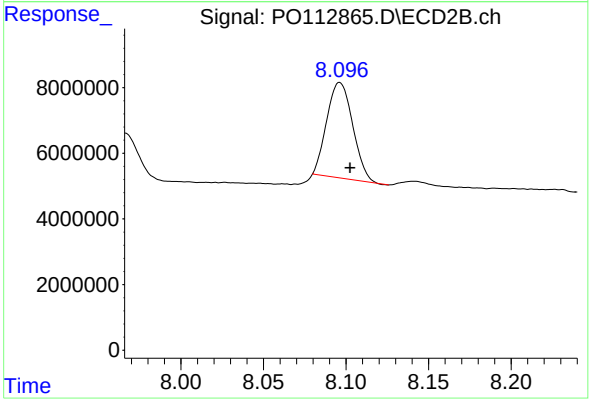
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: -0.009 min
Response: 1601864
Conc: 4.99 ng/ml



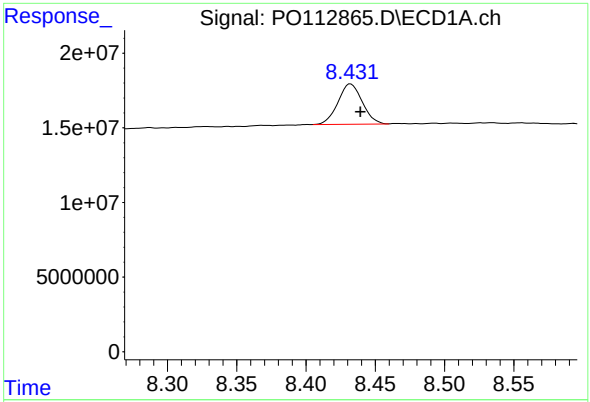
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 139177733
Conc: 288.83 ng/ml



#44 AR-1268-4

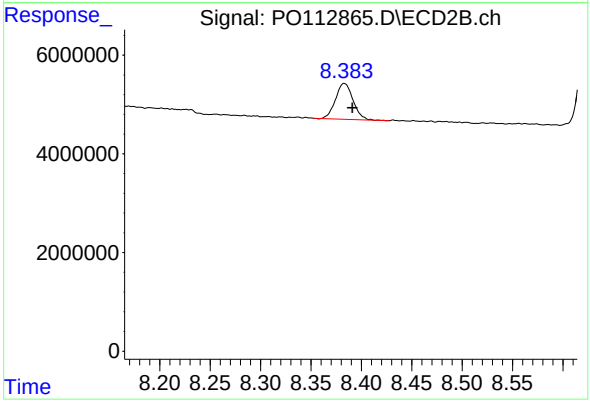
R.T.: 8.096 min
Delta R.T.: -0.006 min
Response: 31782749
Conc: 285.57 ng/ml



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: -0.007 min
Response: 33094872
Conc: 9.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 8792996
Conc: 12.02 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.807	28863110	91466480	27.077	22.767
2)	SA Decachlor...	10.435	8.827	25421801	149.8E6	27.450	24.664
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.907	10964759	100.9E6	281.744	251.671
4)	L1 AR-1016-2	5.832	4.965	16172490	49571013	281.221	259.123
5)	L1 AR-1016-3	5.895	5.085	10675549	28731399	285.290	266.268
6)	L1 AR-1016-4	5.991	5.126	8965609	27406022	287.521	254.800
7)	L1 AR-1016-5	6.284	5.340	9320877	29720771	300.822	252.036
31)	L7 AR-1260-1	7.401	6.557	16203062	109.5E6	304.635	267.207
32)	L7 AR-1260-2	7.653	6.711	18253217	76433717	290.773	249.893
33)	L7 AR-1260-3	8.011	6.922	14251387	95830018	283.827	237.590
34)	L7 AR-1260-4	8.240	7.182	16666094	70195428	280.066	237.501
35)	L7 AR-1260-5	8.565	7.421	29333116	183.1E6	275.424	232.969

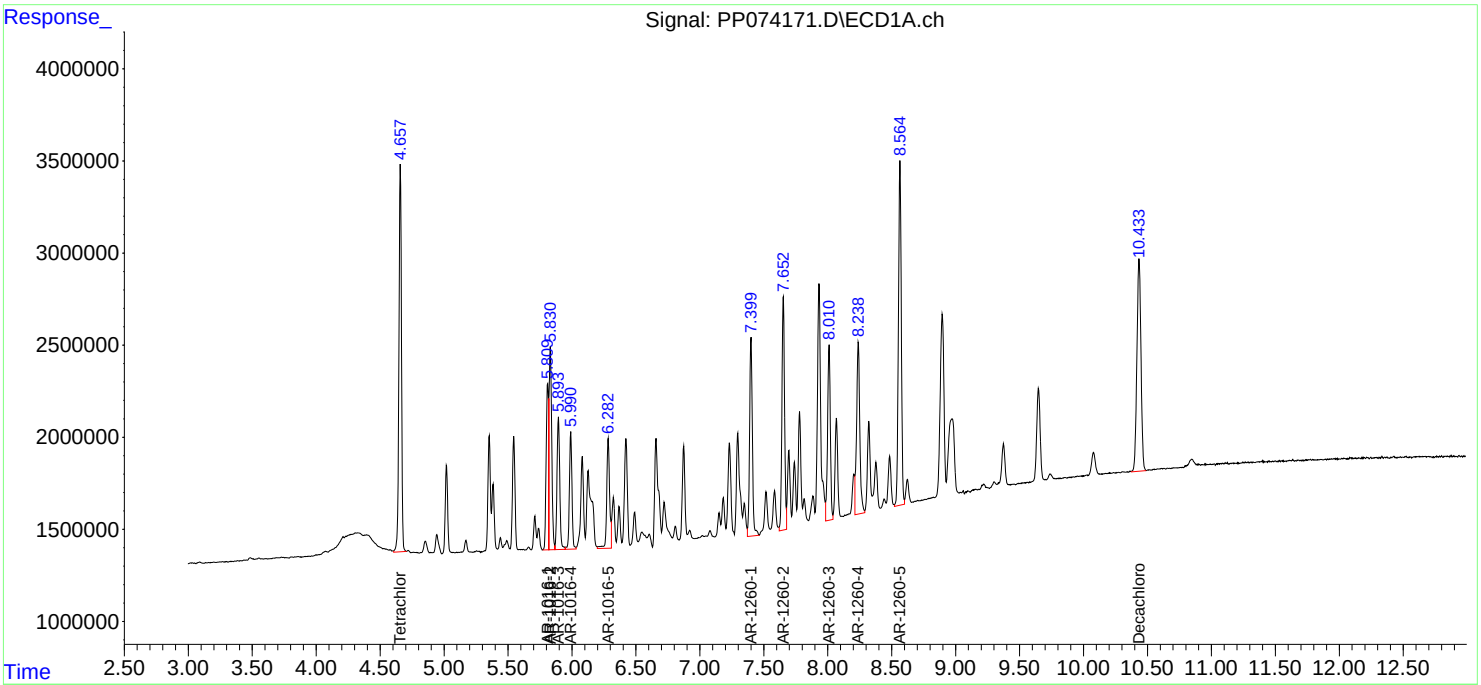
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

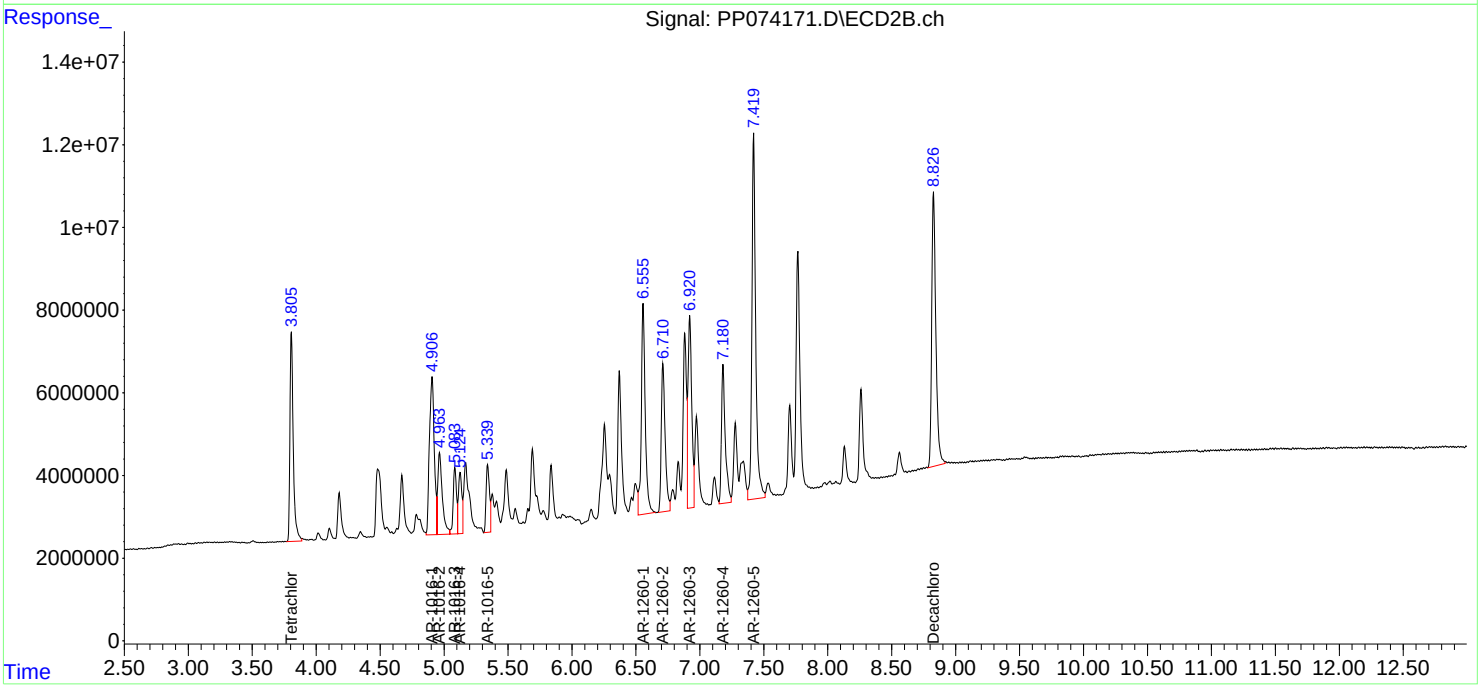
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

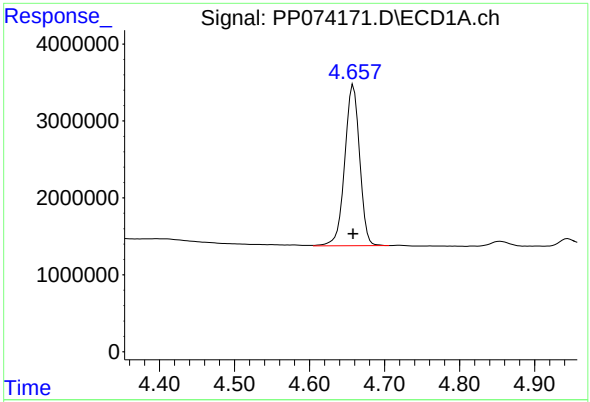
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



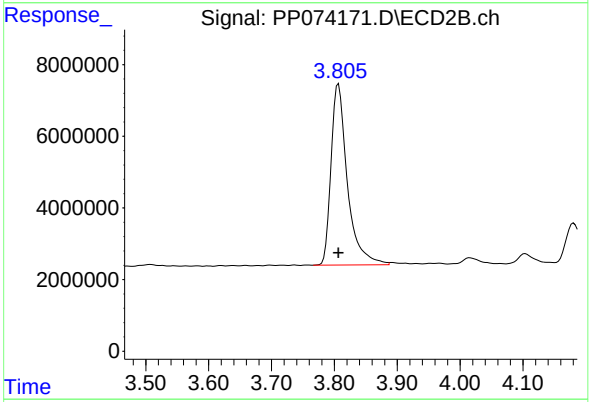




#1 Tetrachloro-m-xylene

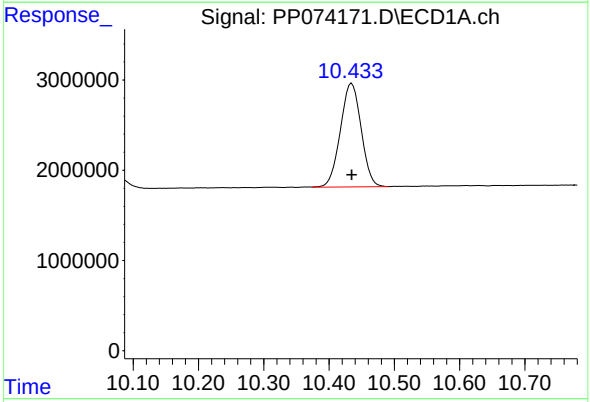
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



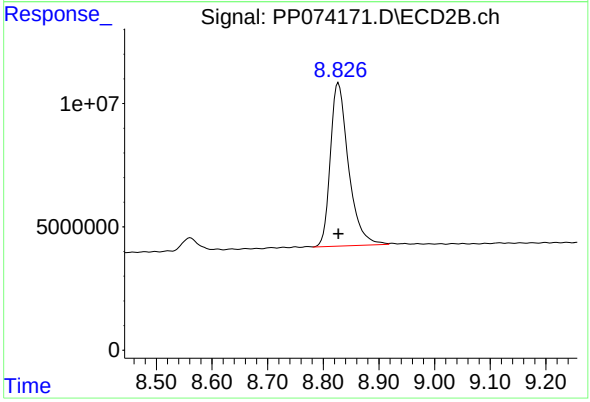
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



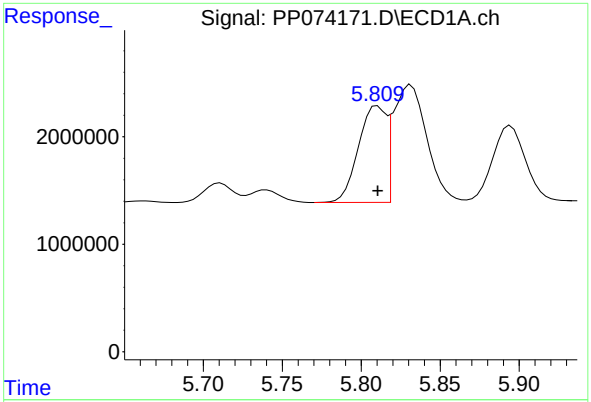
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

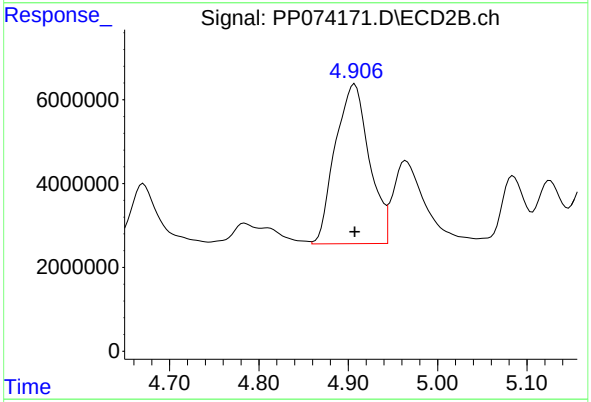
R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml



#3 AR-1016-1

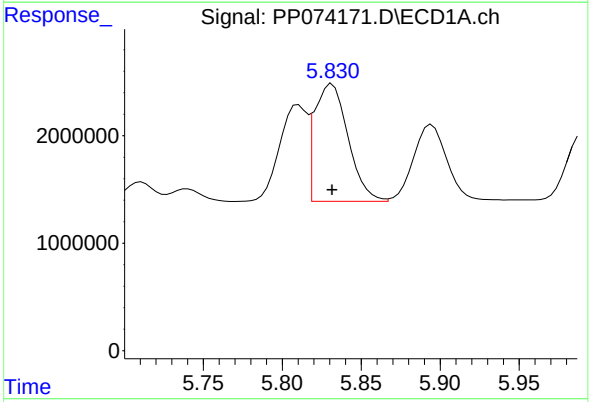
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



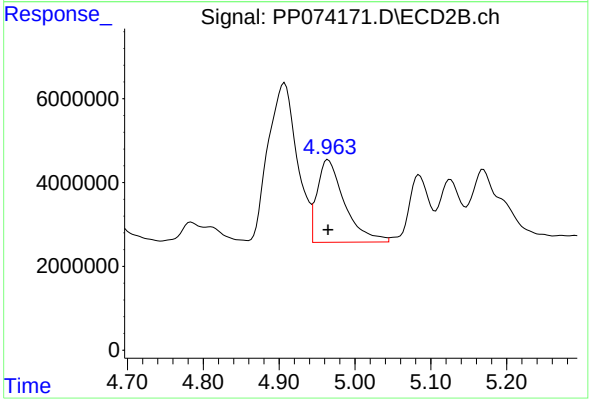
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml



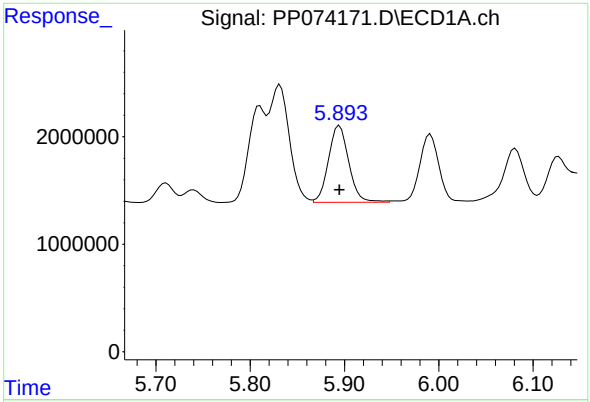
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml



#4 AR-1016-2

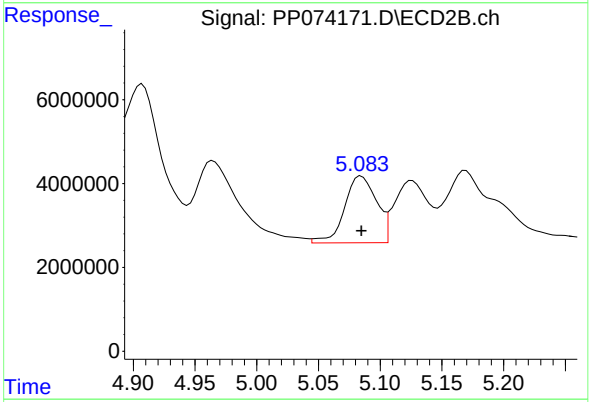
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml



#5 AR-1016-3

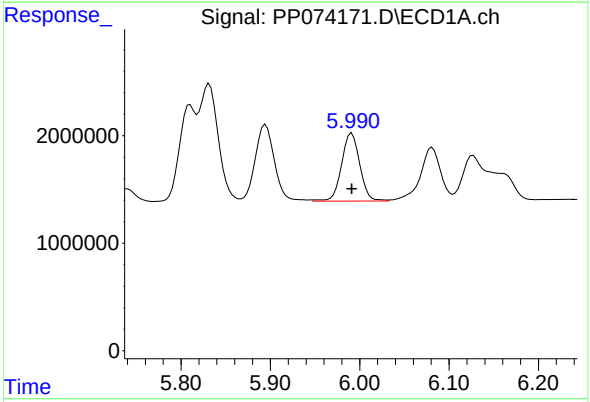
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



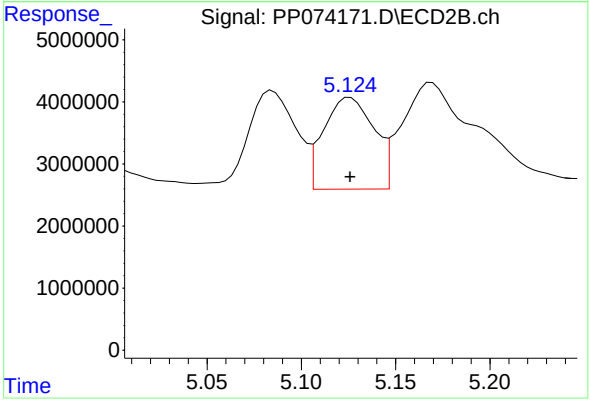
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml



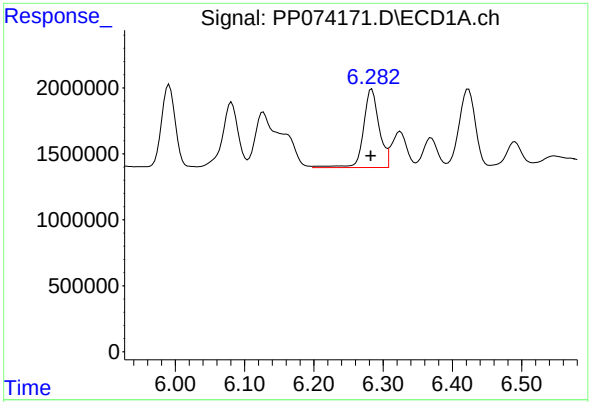
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml



#6 AR-1016-4

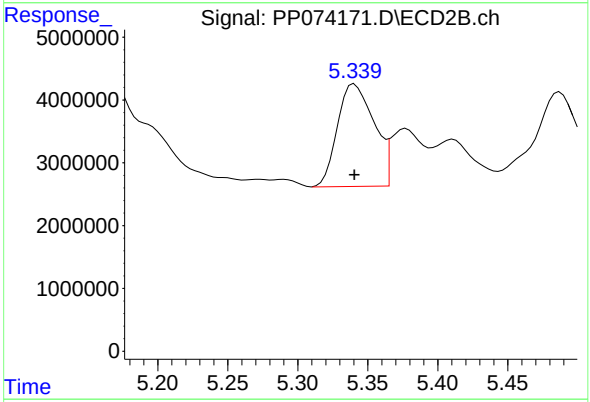
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml



#7 AR-1016-5

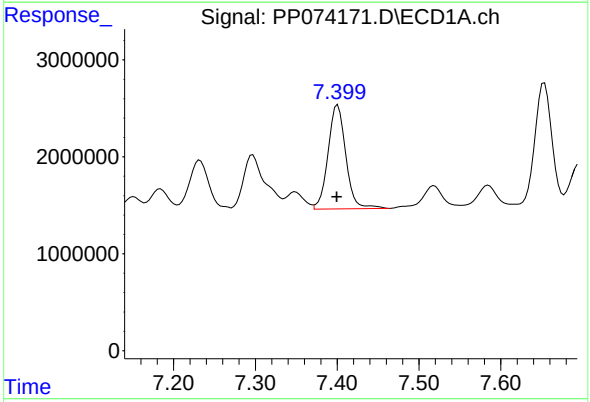
R.T.: 6.284 min
Delta R.T.: 0.001 min
Response: 9320877
Conc: 300.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



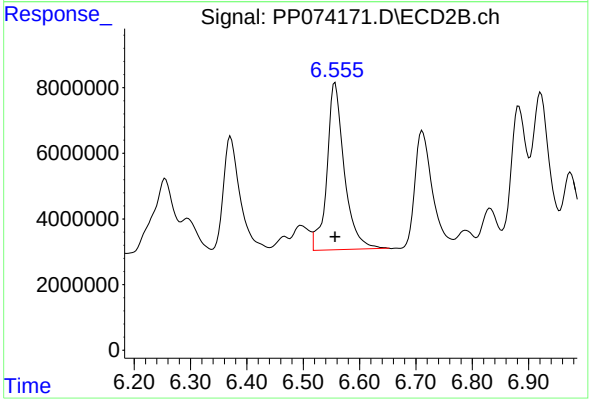
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



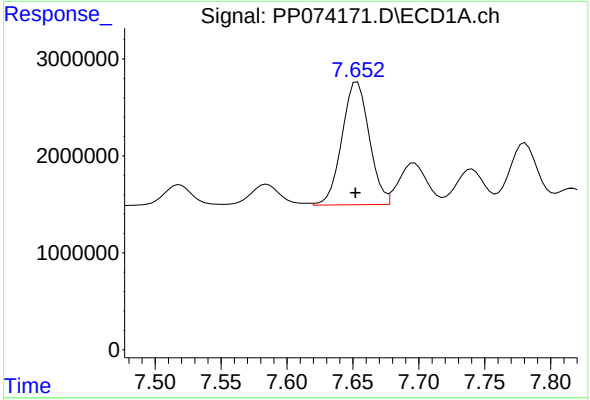
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.001 min
Response: 16203062
Conc: 304.63 ng/ml



#31 AR-1260-1

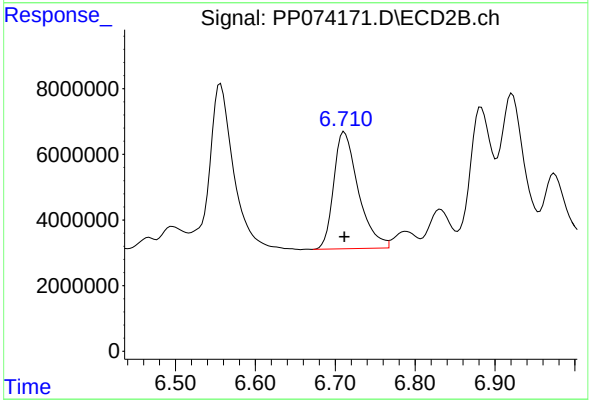
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



#32 AR-1260-2

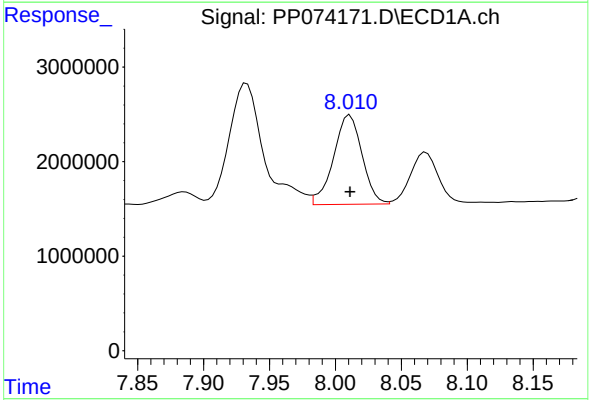
R.T.: 7.653 min
Delta R.T.: 0.001 min
Response: 18253217
Conc: 290.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



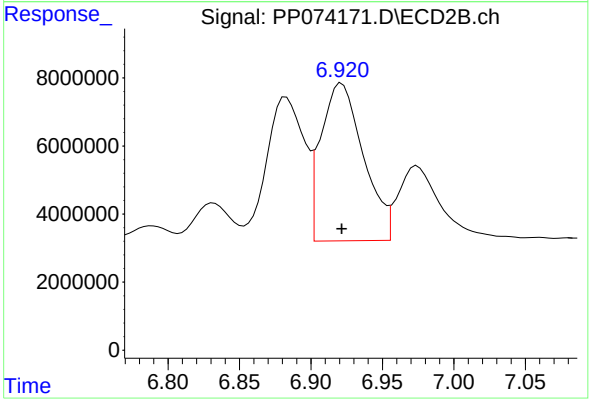
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



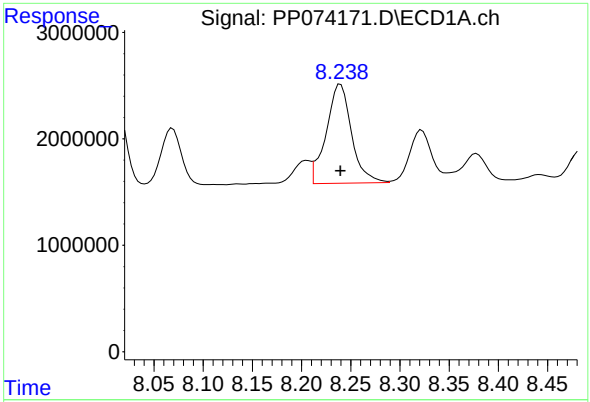
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

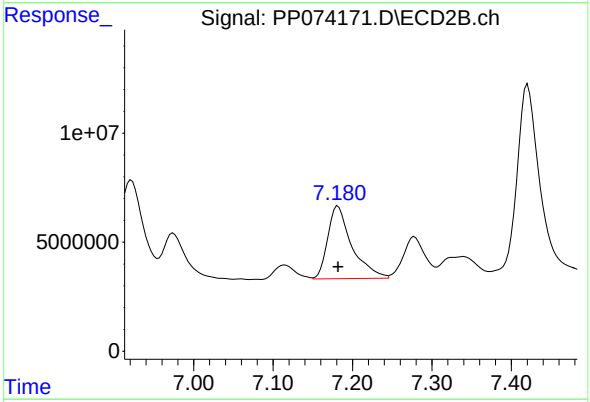
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



#34 AR-1260-4

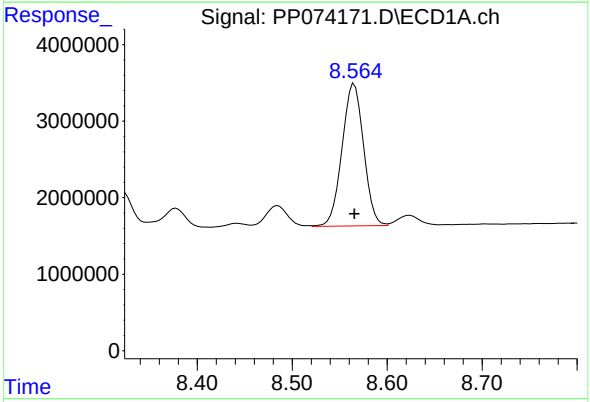
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



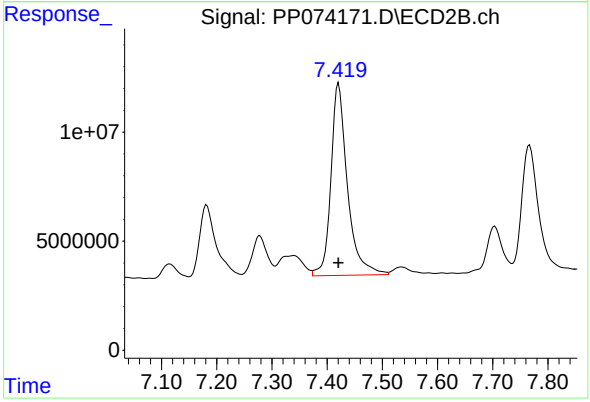
#34 AR-1260-4

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 70195428
Conc: 237.50 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 29333116
Conc: 275.42 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 183122844
Conc: 232.97 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:10
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:23:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:23:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.659	3.802	5276522	10952936	4.987	2.999	#
2)	SA Decachlor...	10.437	8.824	4796081	22193655	5.142	3.862	
	Target Compounds							
3)	L1 AR-1016-1	5.811	4.904	1988336	14775918	50.869	38.889	
4)	L1 AR-1016-2	5.833	4.962	2791158	7843665	48.821	42.532	
5)	L1 AR-1016-3	5.896	5.082	1878829	4619486	50.167	44.079	
6)	L1 AR-1016-4	5.992	5.122	1465464	4449408	47.568	42.847	
7)	L1 AR-1016-5	6.285	5.337	1456706	4779894	47.504	42.129	
31)	L7 AR-1260-1	7.402	6.554	2907384	16702003	53.839	42.313	
32)	L7 AR-1260-2	7.655	6.708	3290166	11775837	51.766	40.356	
33)	L7 AR-1260-3	8.012	6.918	2515483	13666247	50.078	36.217	#
34)	L7 AR-1260-4	8.241	7.178	2924100	9844627	49.308	35.692	#
35)	L7 AR-1260-5	8.566	7.417	5505858	24685436	51.349	33.928	#

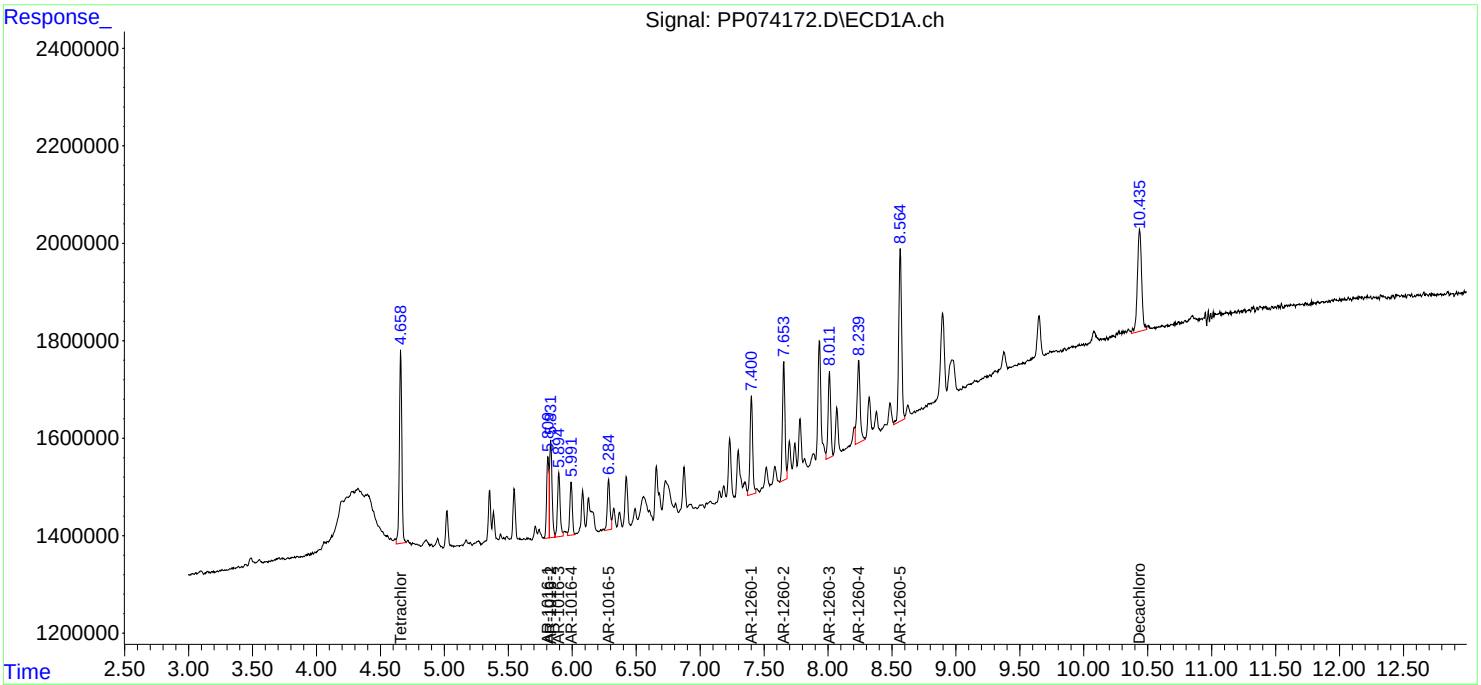
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

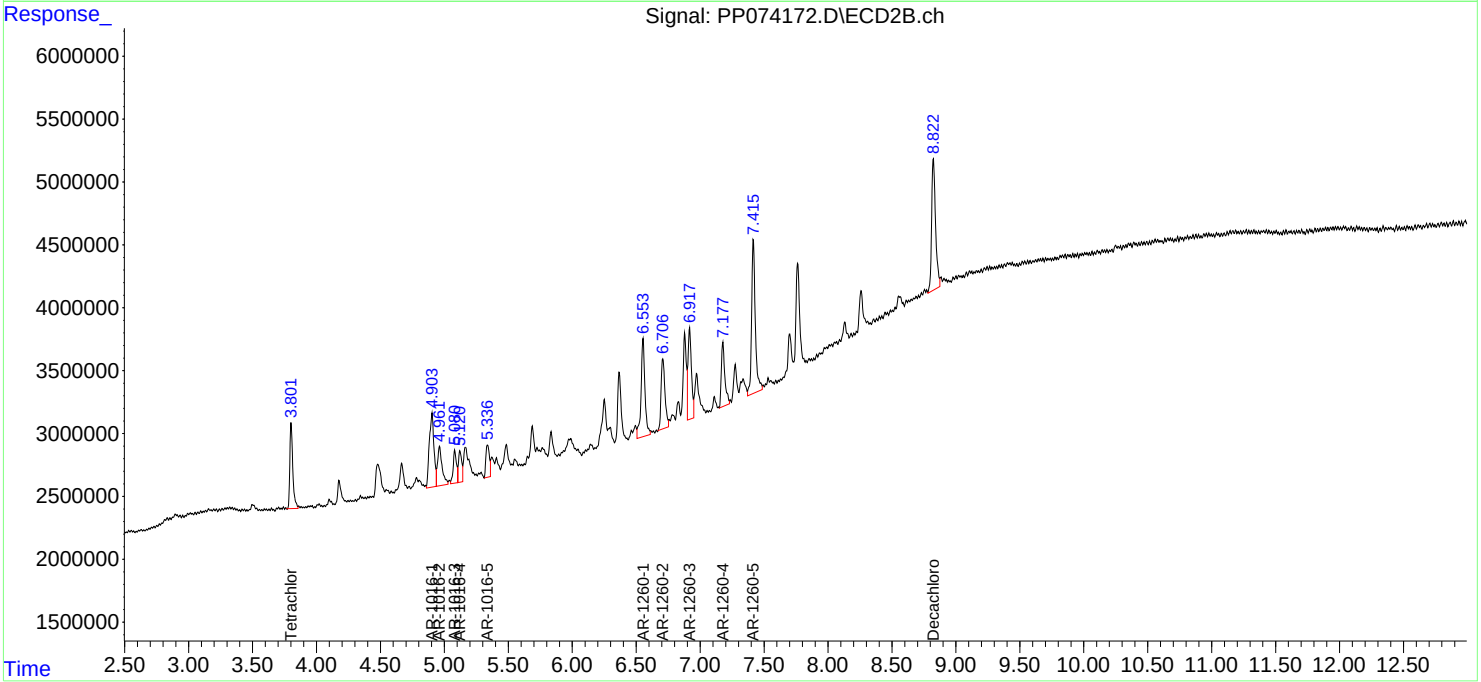
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:10
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

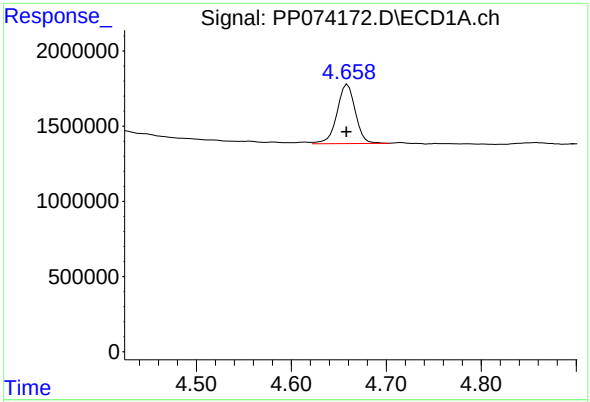
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:23:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:23:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



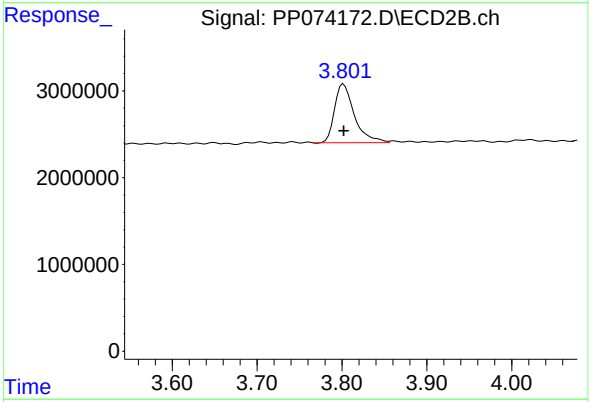




#1 Tetrachloro-m-xylene

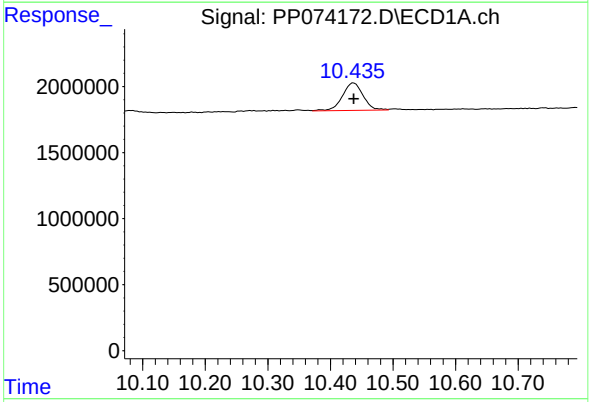
R.T.: 4.659 min
Delta R.T.: 0.001 min
Response: 5276522
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



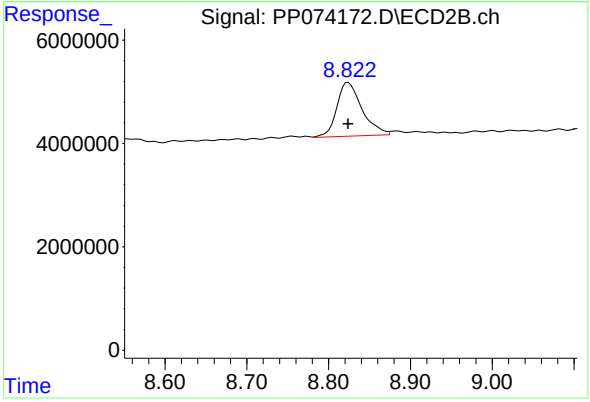
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 10952936
Conc: 3.00 ng/ml



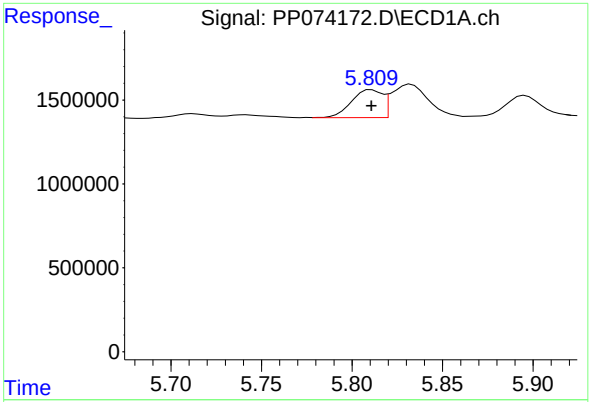
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 4796081
Conc: 5.14 ng/ml



#2 Decachlorobiphenyl

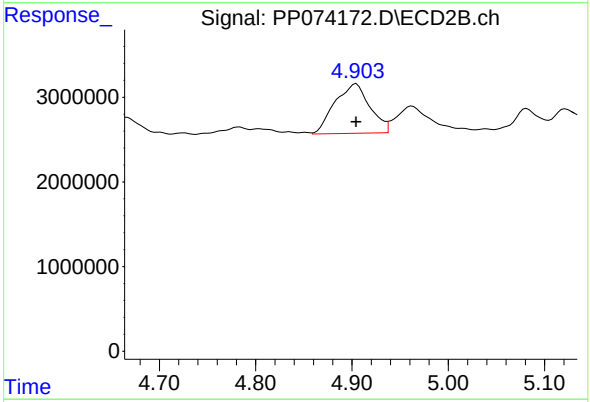
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 22193655
Conc: 3.86 ng/ml



#3 AR-1016-1

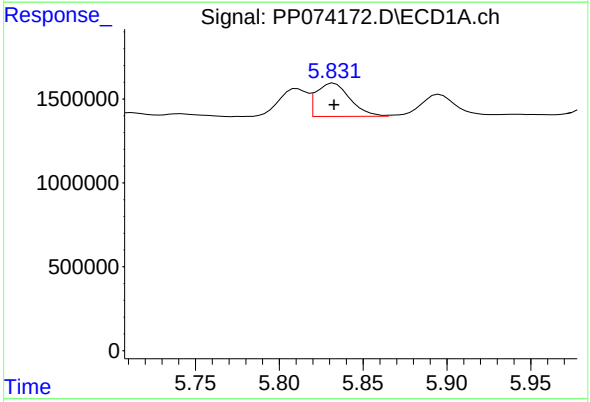
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1988336
Conc: 50.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



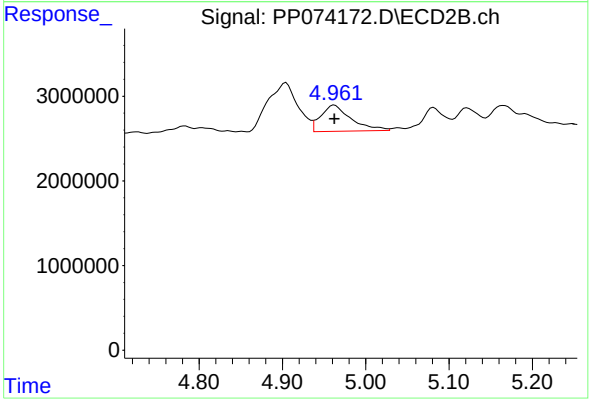
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 14775918
Conc: 38.89 ng/ml



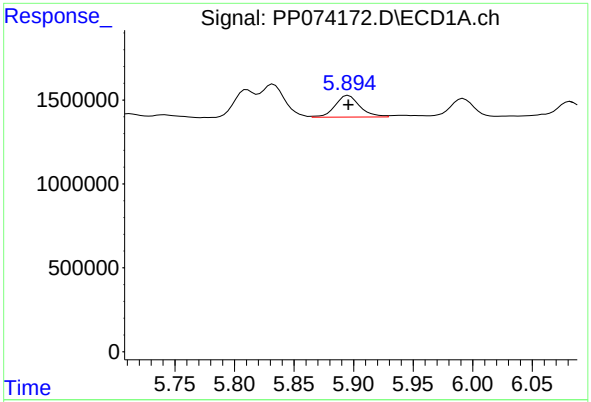
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 2791158
Conc: 48.82 ng/ml



#4 AR-1016-2

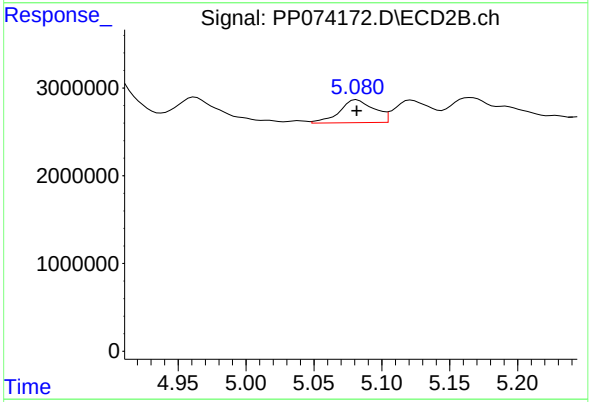
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7843665
Conc: 42.53 ng/ml



#5 AR-1016-3

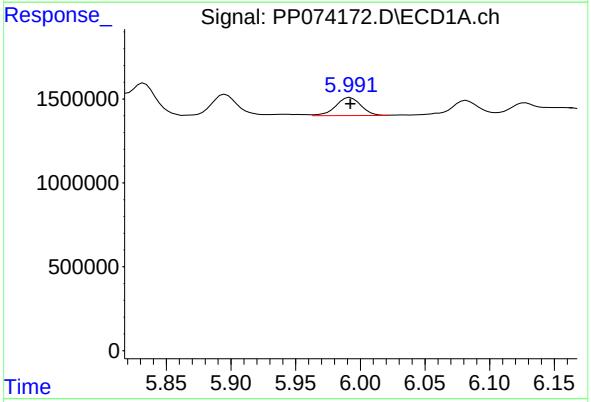
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1878829
Conc: 50.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



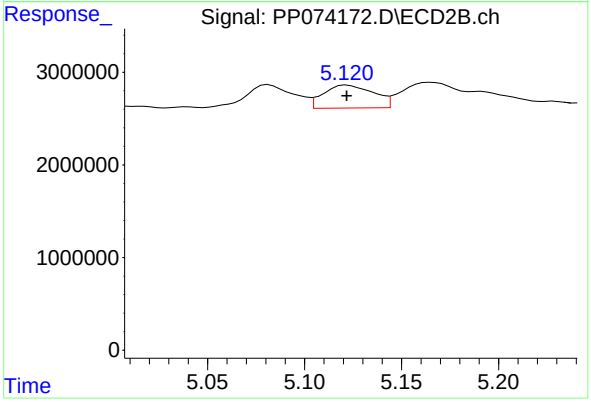
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4619486
Conc: 44.08 ng/ml



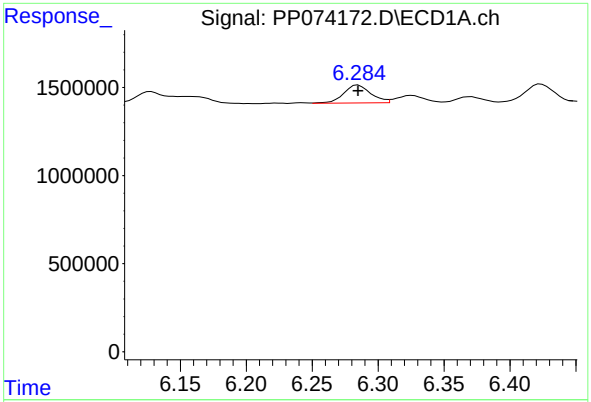
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 1465464
Conc: 47.57 ng/ml



#6 AR-1016-4

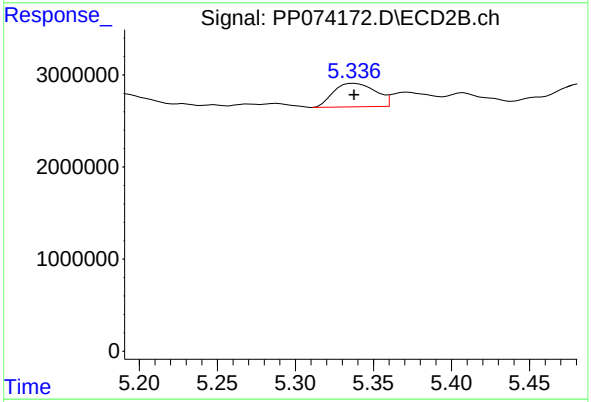
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 4449408
Conc: 42.85 ng/ml



#7 AR-1016-5

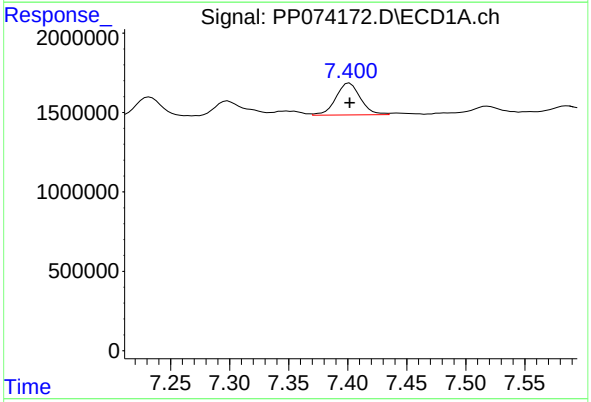
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 1456706
Conc: 47.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



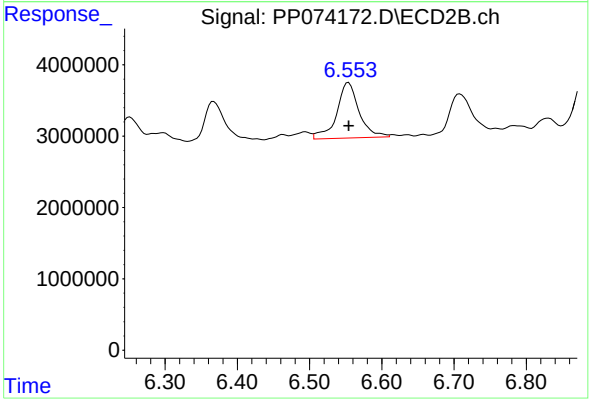
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 4779894
Conc: 42.13 ng/ml



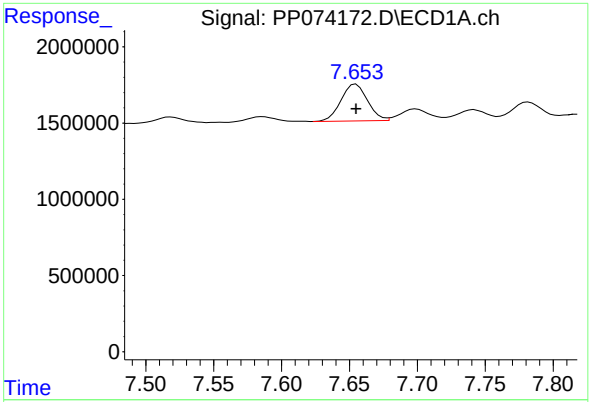
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2907384
Conc: 53.84 ng/ml



#31 AR-1260-1

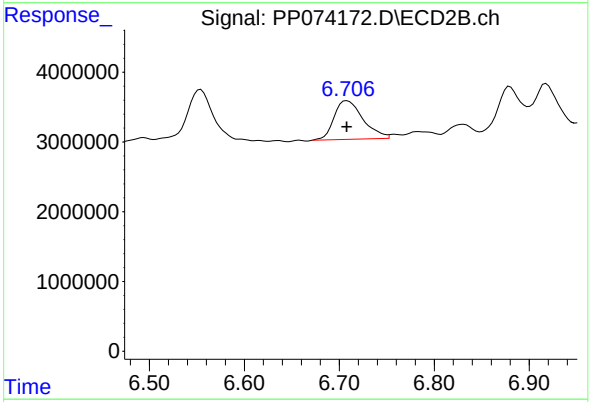
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 16702003
Conc: 42.31 ng/ml



#32 AR-1260-2

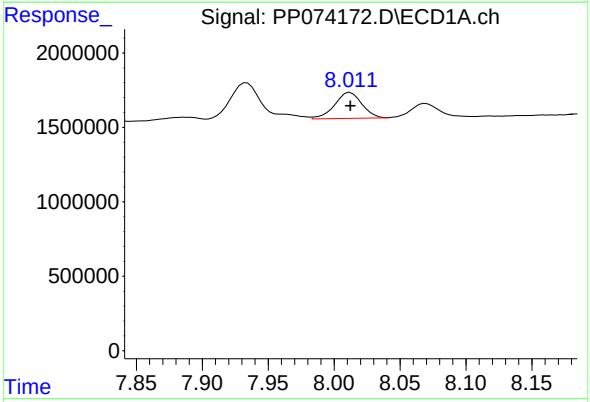
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 3290166
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



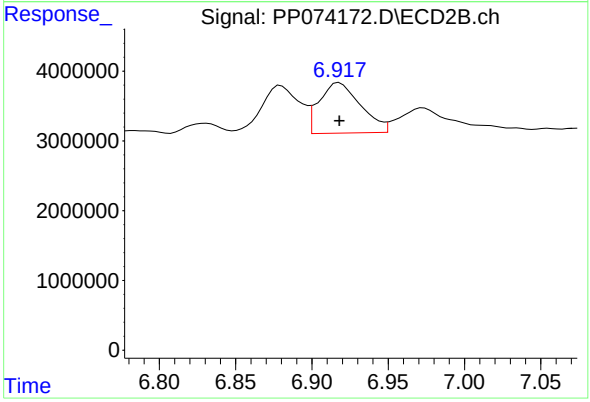
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 11775837
Conc: 40.36 ng/ml



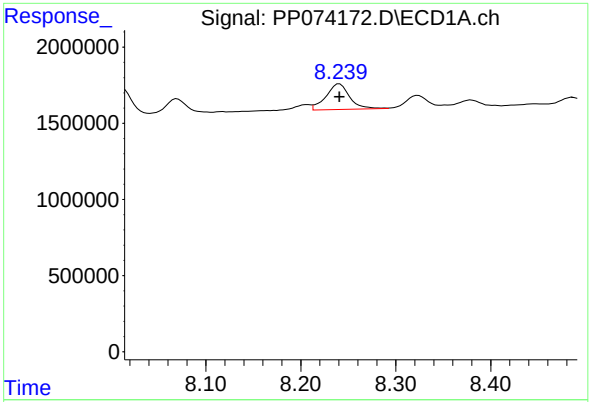
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 2515483
Conc: 50.08 ng/ml



#33 AR-1260-3

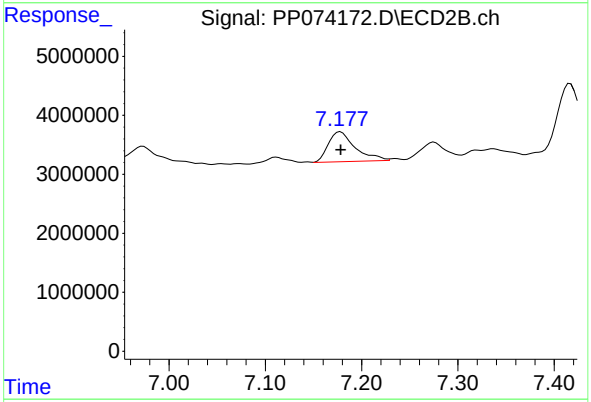
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 13666247
Conc: 36.22 ng/ml



#34 AR-1260-4

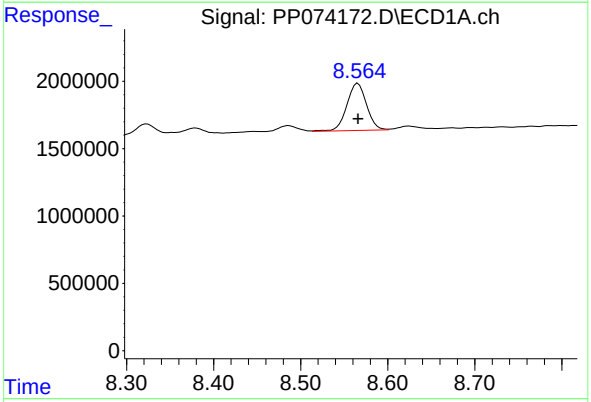
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 2924100
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



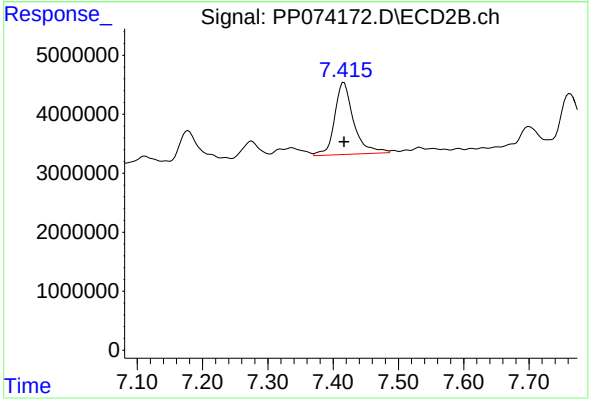
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 9844627
Conc: 35.69 ng/ml



#35 AR-1260-5

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 5505858
Conc: 51.35 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 24685436
Conc: 33.93 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.804	54684846	201.8E6	50.000	50.000
2)	SA Decachlor...	10.437	8.826	47117835	301.0E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.858	4.015	5316620	14977475	317.152	305.132
9)	L2 AR-1221-2	4.945	4.101	4648979	12599168	368.936	351.056
10)	L2 AR-1221-3	5.020	4.177	14518661	50681220	396.303	374.793
11)	L3 AR-1232-1	5.020	4.177	14518661	50681220	500.000	500.000
12)	L3 AR-1232-2	5.546	4.904	7521357	87133099	500.000	500.000
13)	L3 AR-1232-3	5.832	5.081	14500854	22908311	500.000	500.000
14)	L3 AR-1232-4	5.993	5.165	7734413	36297070	500.000	628.698 #
15)	L3 AR-1232-5	6.082	5.338	5858006	23489726	500.000	500.000

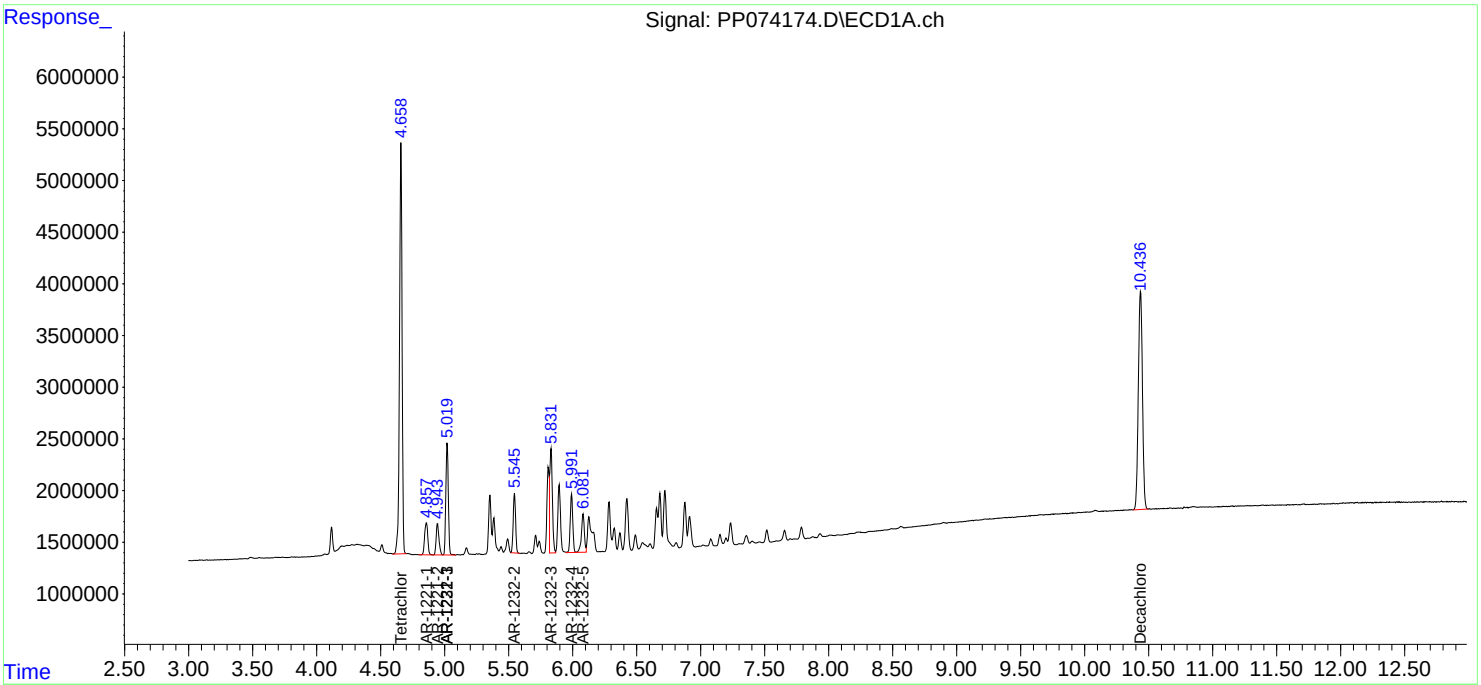
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

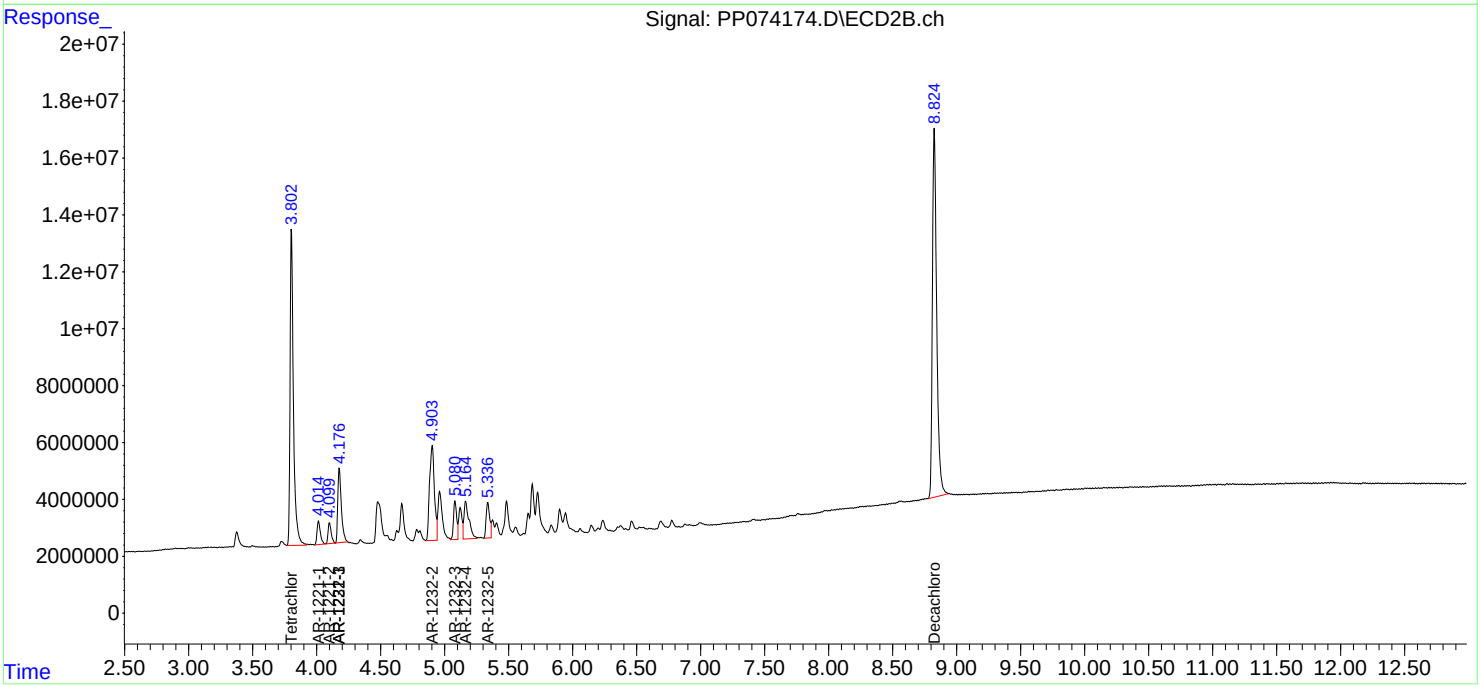
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

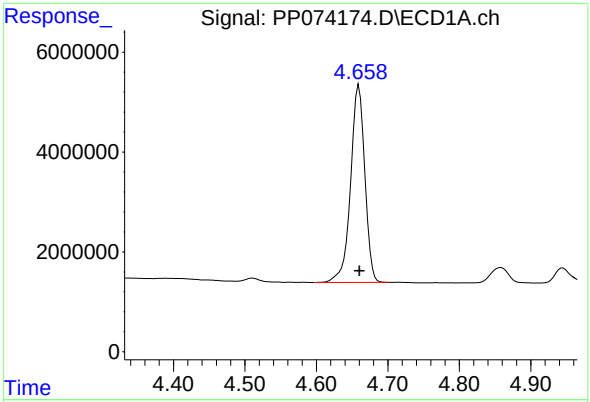
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



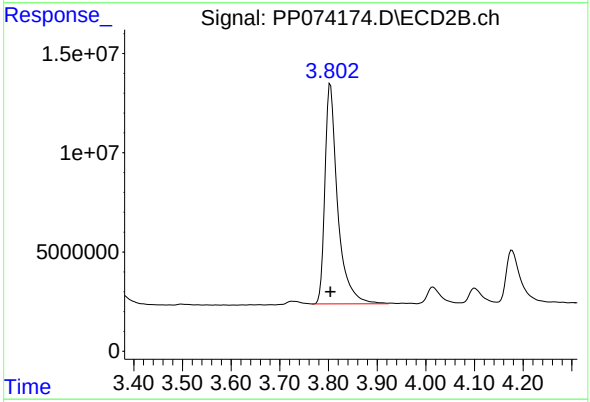




#1 Tetrachloro-m-xylene

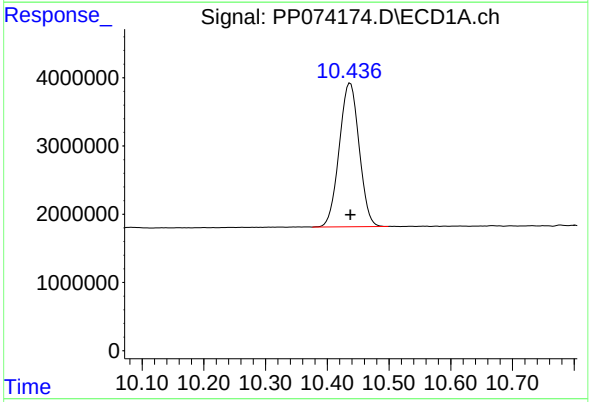
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



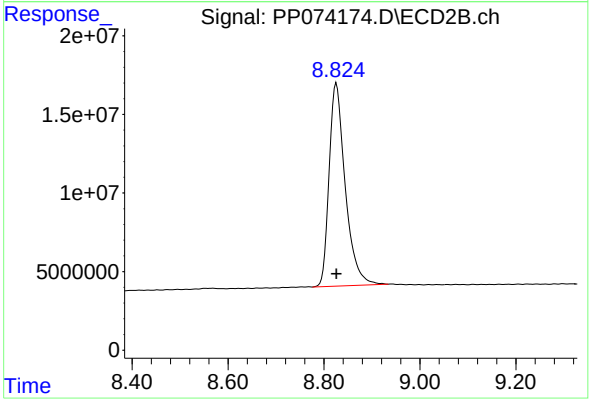
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



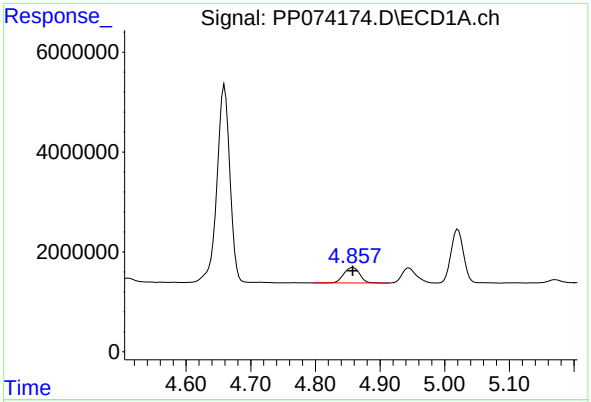
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

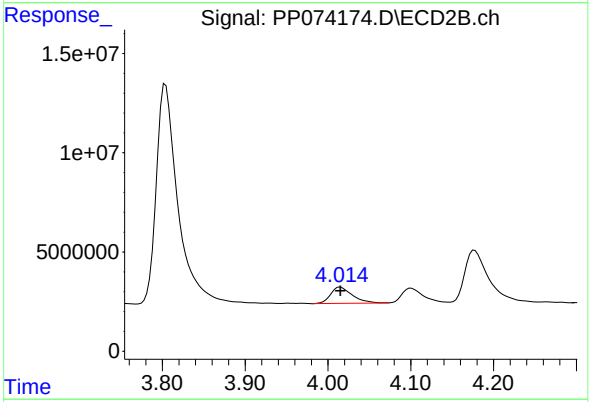
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



#8 AR-1221-1

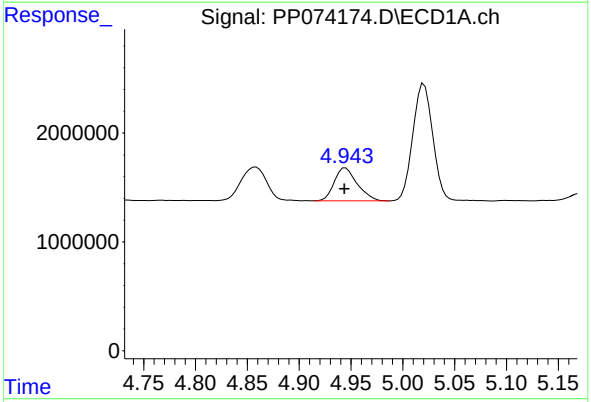
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 5316620
Conc: 317.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



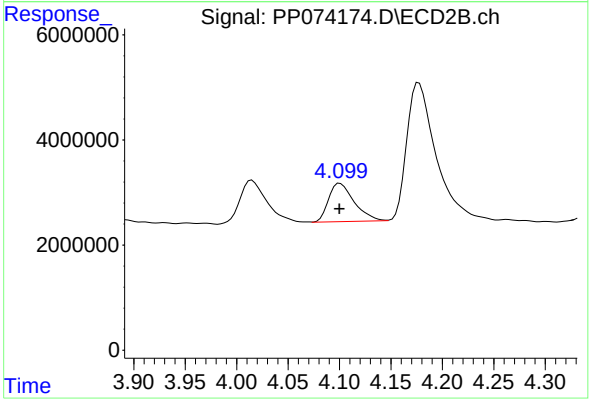
#8 AR-1221-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 14977475
Conc: 305.13 ng/ml



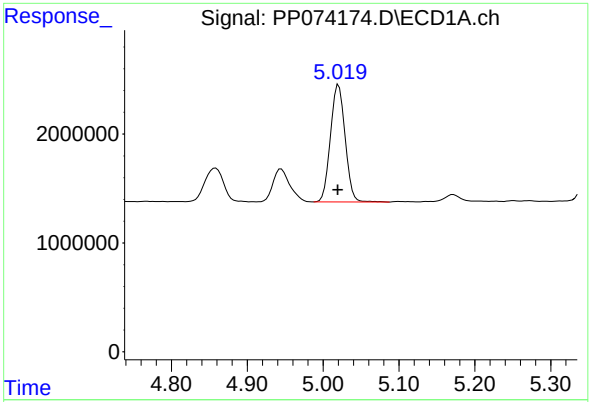
#9 AR-1221-2

R.T.: 4.945 min
Delta R.T.: 0.001 min
Response: 4648979
Conc: 368.94 ng/ml



#9 AR-1221-2

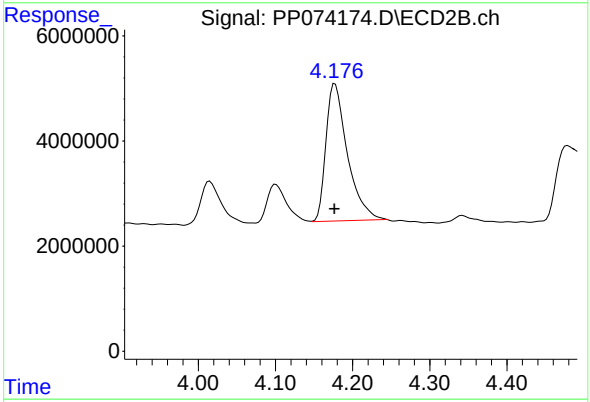
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 12599168
Conc: 351.06 ng/ml



#10 AR-1221-3

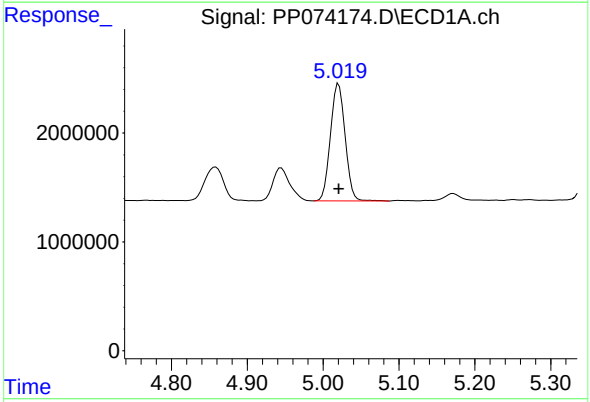
R.T.: 5.020 min
Delta R.T.: 0.001 min
Response: 14518661
Conc: 396.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



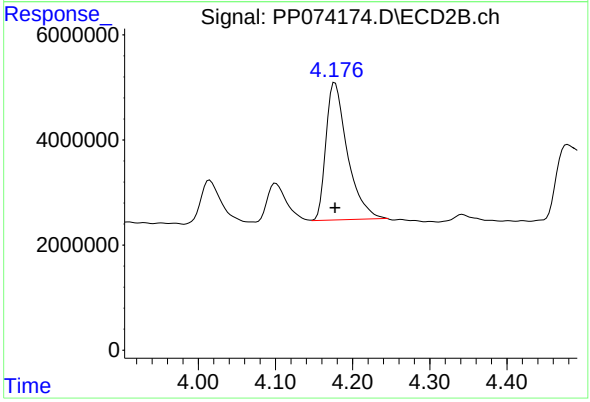
#10 AR-1221-3

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 374.79 ng/ml



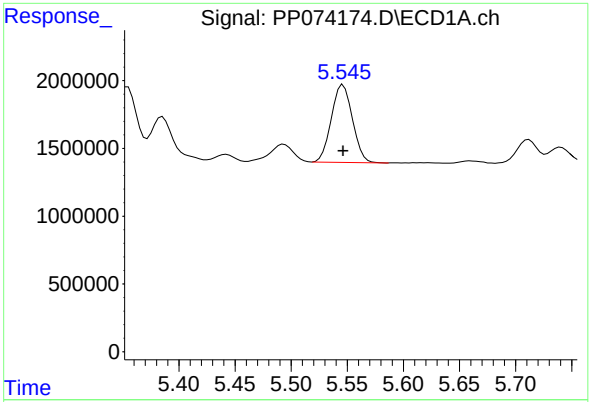
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml



#11 AR-1232-1

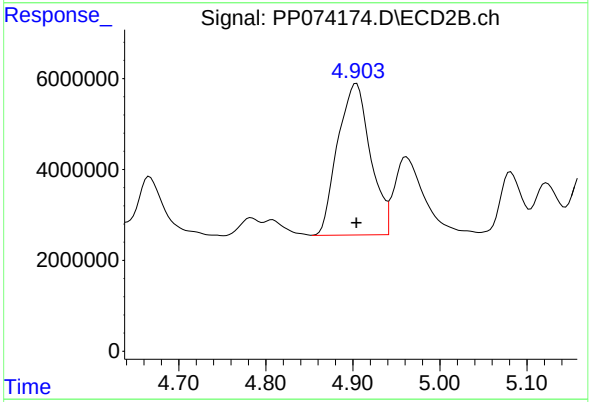
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



#12 AR-1232-2

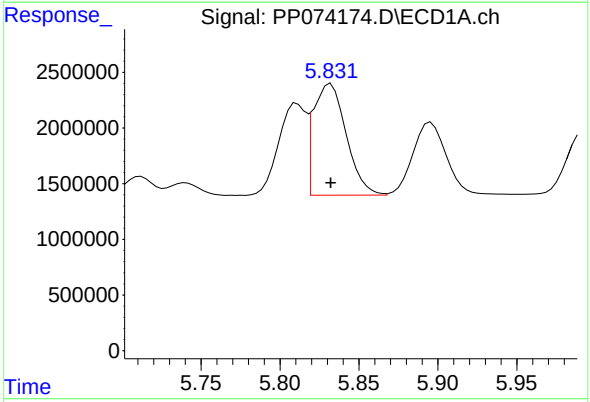
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



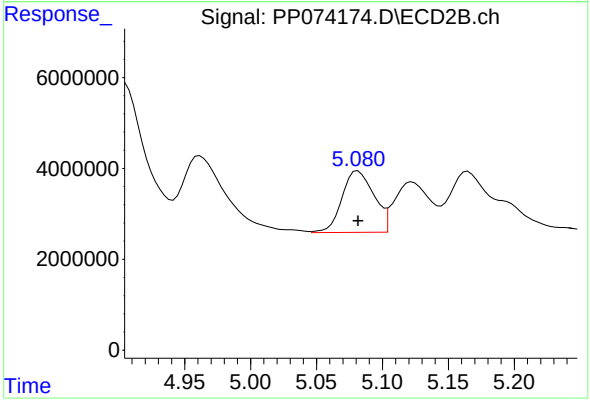
#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml



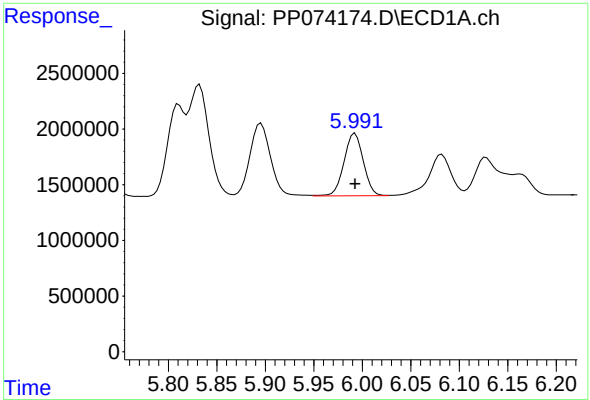
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml



#13 AR-1232-3

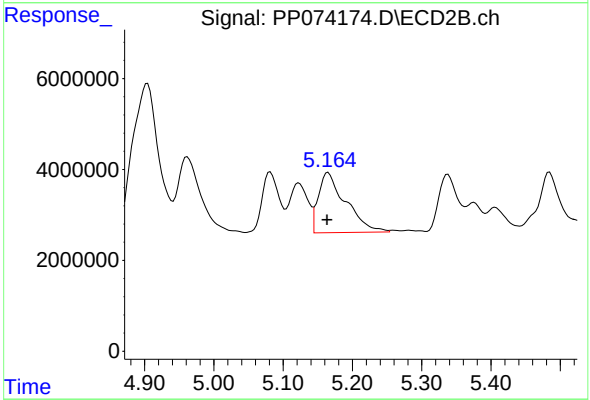
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml



#14 AR-1232-4

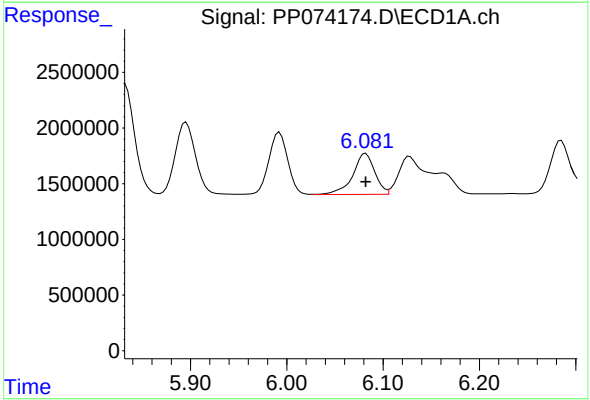
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



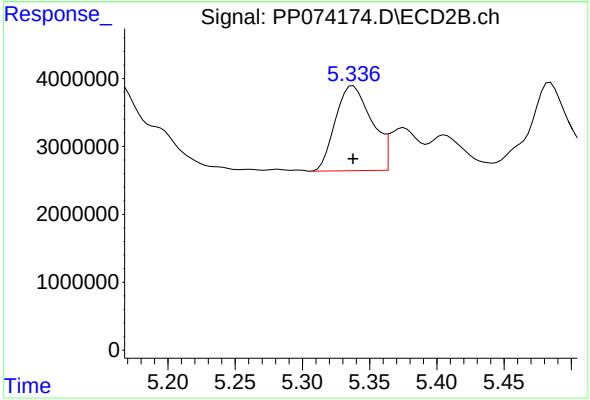
#14 AR-1232-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 36297070
Conc: 628.70 ng/ml



#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 5858006
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 23489726
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.804	104.3E6	438.1E6	95.872	101.577
2)	SA Decachlor...	10.436	8.825	88078600	618.2E6	94.444	98.714
	Target Compounds						
16)	L4 AR-1242-1	5.811	4.905	31512428	341.3E6	934.658	978.632
17)	L4 AR-1242-2	5.832	4.962	47421171	162.7E6	943.850	992.758
18)	L4 AR-1242-3	5.896	5.082	30290298	93075141	931.794	1005.327
19)	L4 AR-1242-4	5.992	5.165	25177060	162.5E6	934.754	1303.690 #
20)	L4 AR-1242-5	6.721	5.686	29128304	140.7E6	916.924	973.631

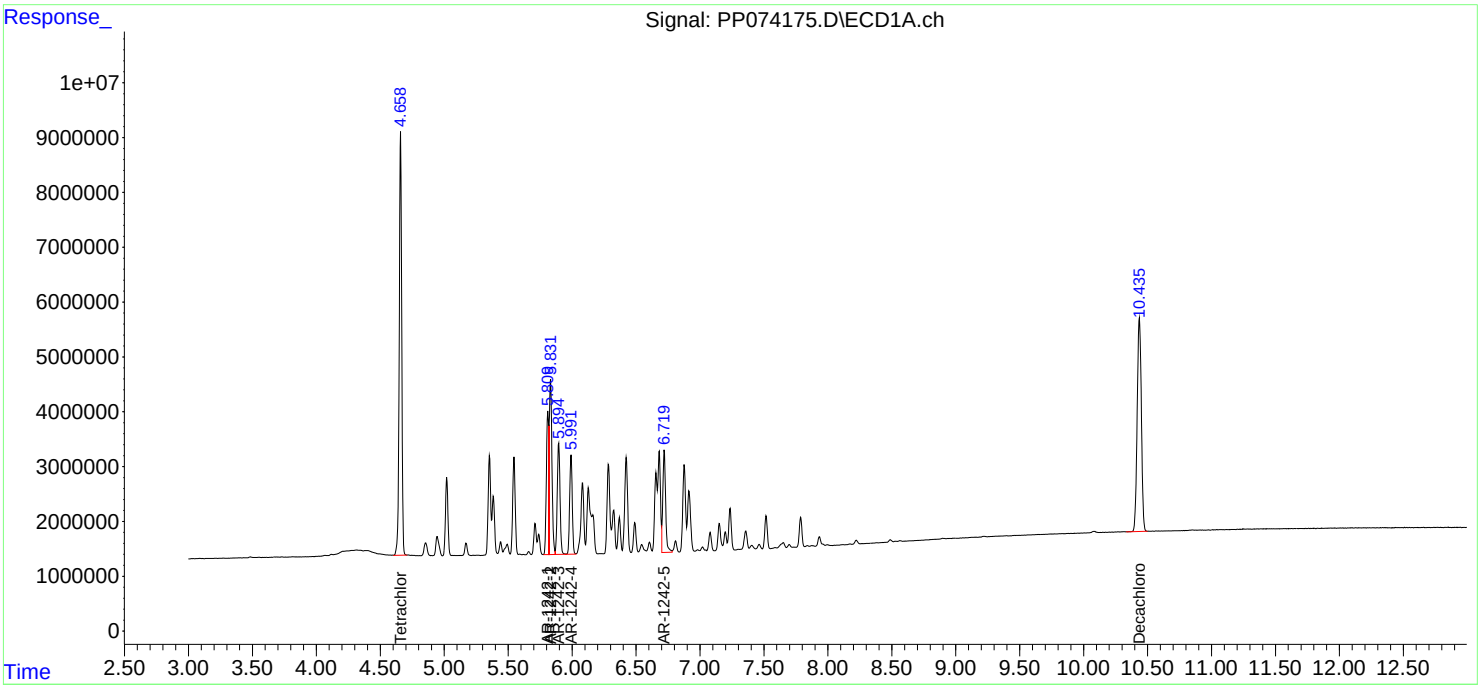
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

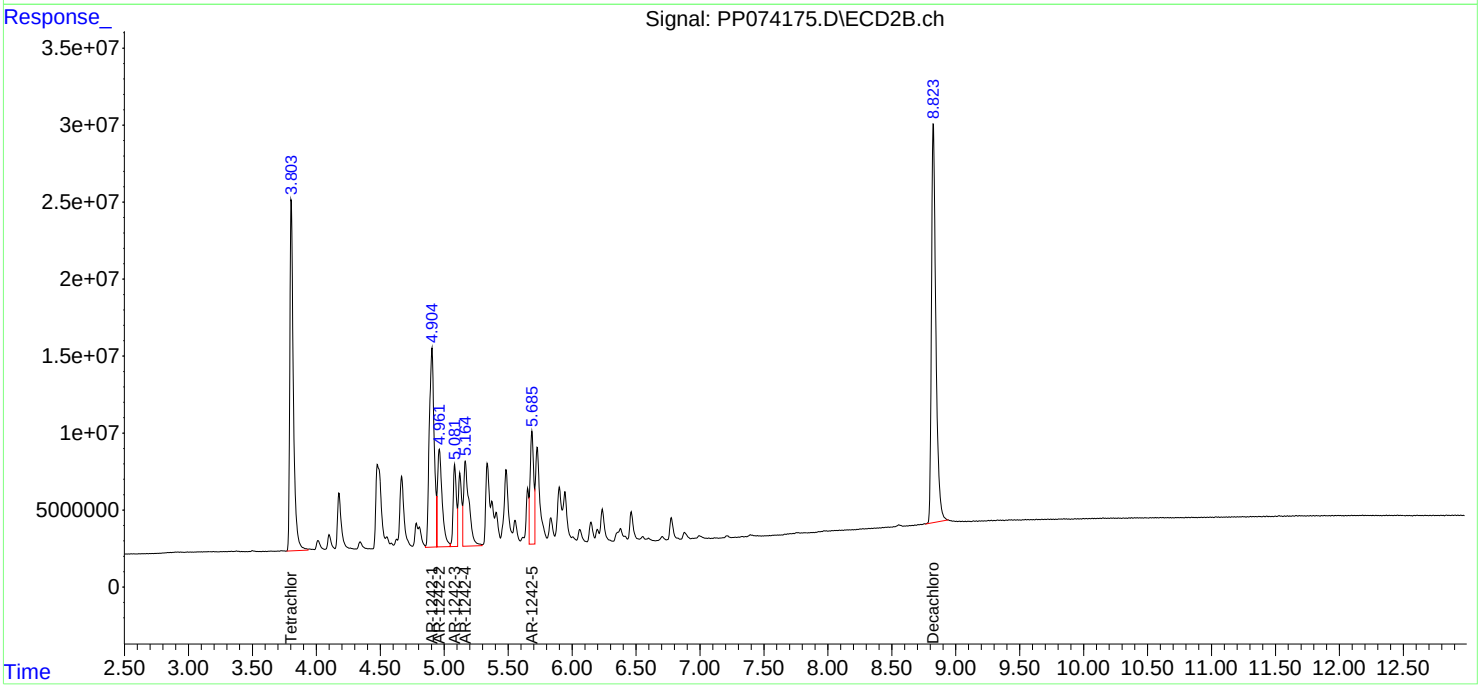
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

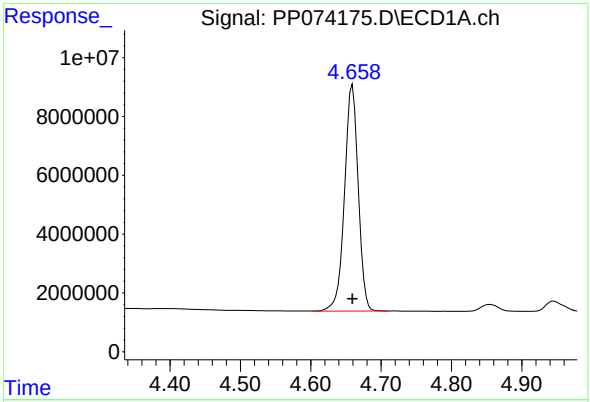
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



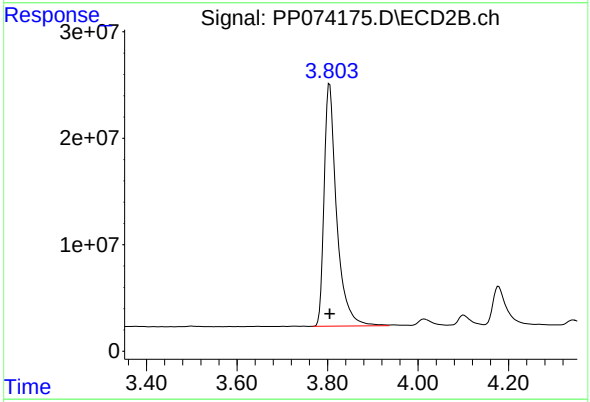




#1 Tetrachloro-m-xylene

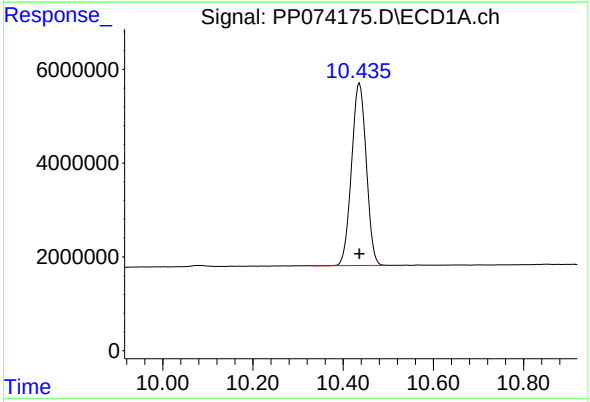
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



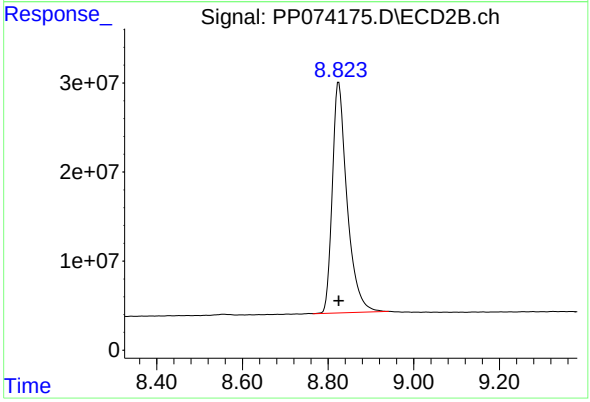
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml



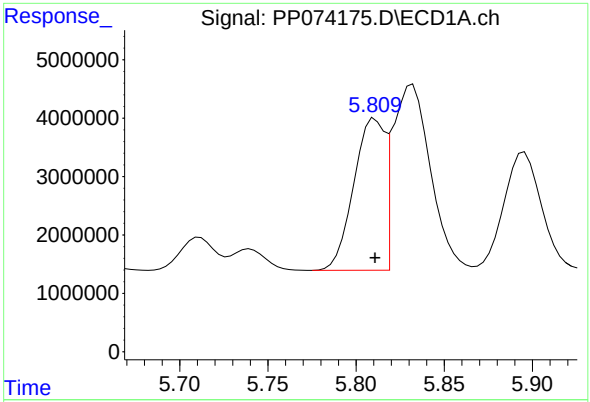
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml



#2 Decachlorobiphenyl

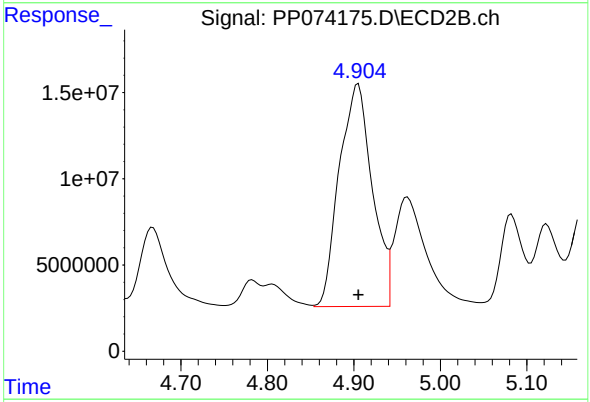
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml



#16 AR-1242-1

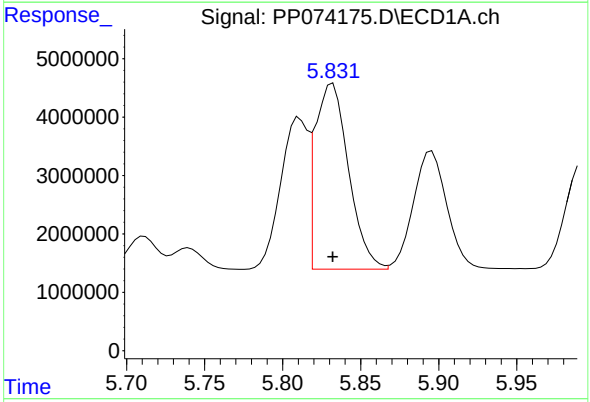
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



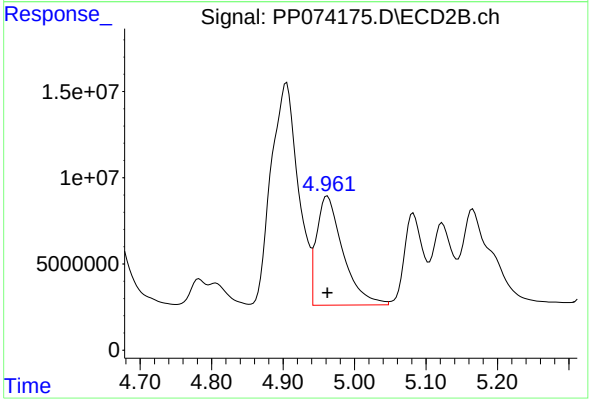
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml



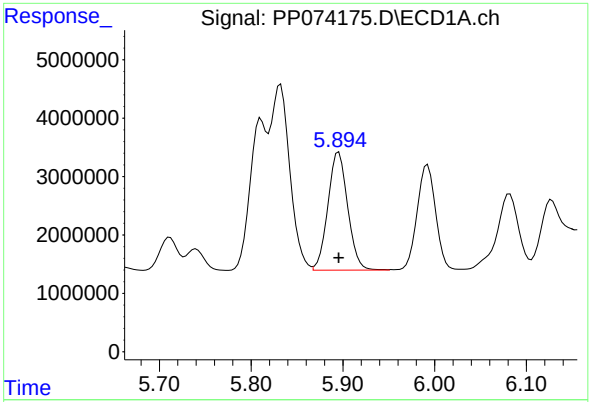
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml



#17 AR-1242-2

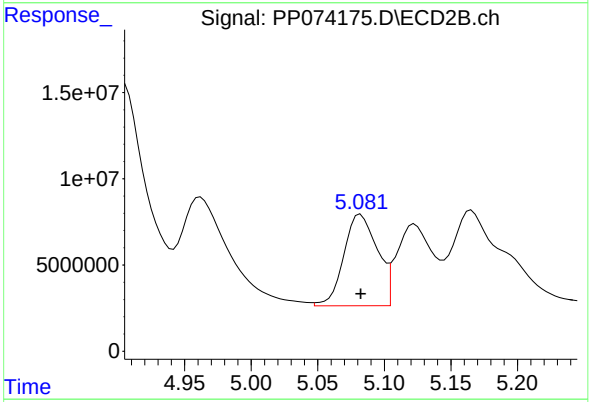
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml



#18 AR-1242-3

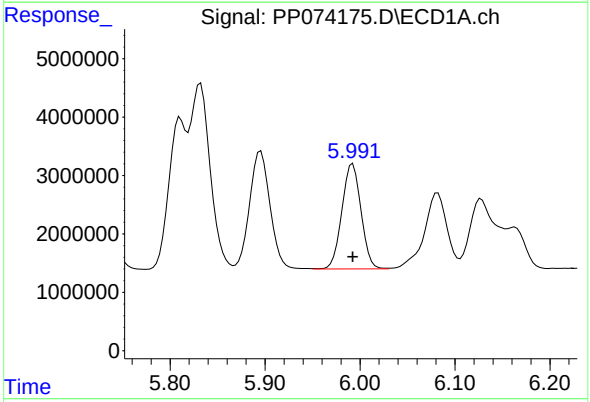
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



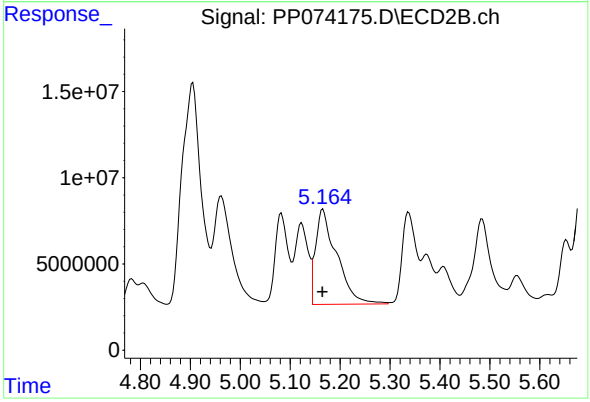
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml



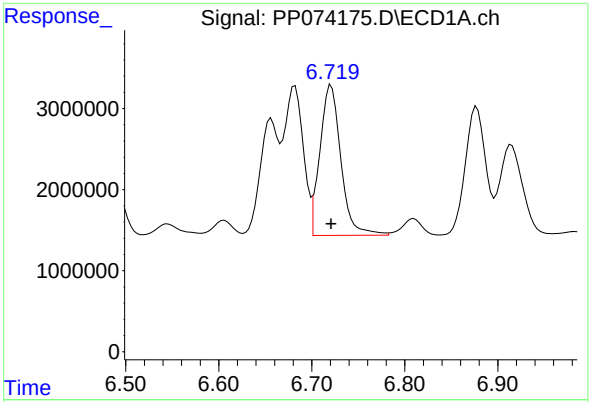
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml



#19 AR-1242-4

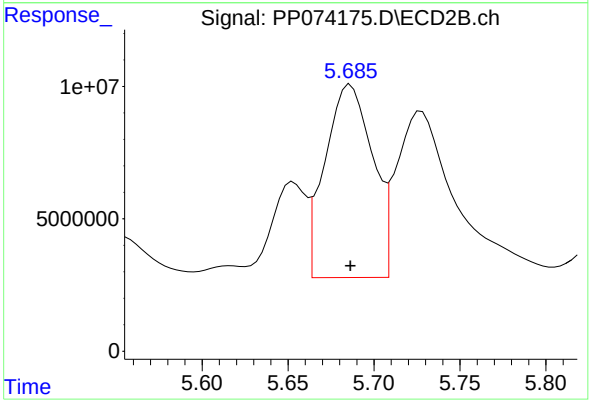
R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 162521092
Conc: 1303.69 ng/ml



#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 29128304
Conc: 916.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 140731652
Conc: 973.63 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.662	3.803	80676637	324.0E6	74.425	75.083
2)	SA Decachlor...	10.438	8.824	68962955	464.9E6	74.295	74.485
	Target Compounds						
16)	L4 AR-1242-1	5.813	4.904	25064705	261.4E6	745.599	749.732
17)	L4 AR-1242-2	5.835	4.960	37017188	128.7E6	741.131	773.381
18)	L4 AR-1242-3	5.898	5.081	24057234	72718391	743.338	773.266
19)	L4 AR-1242-4	5.995	5.164	19974989	130.9E6	744.389	1065.577 #
20)	L4 AR-1242-5	6.724	5.685	24065795	114.3E6	755.025	776.822

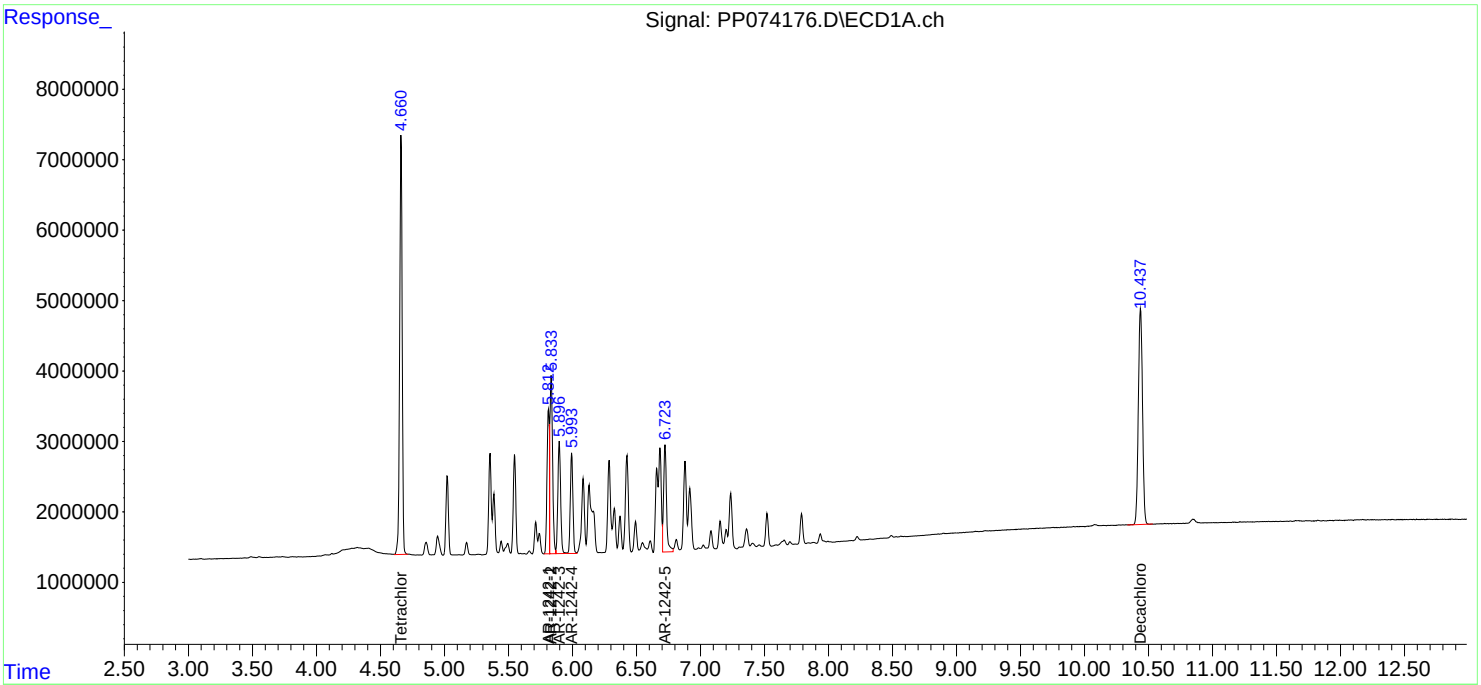
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

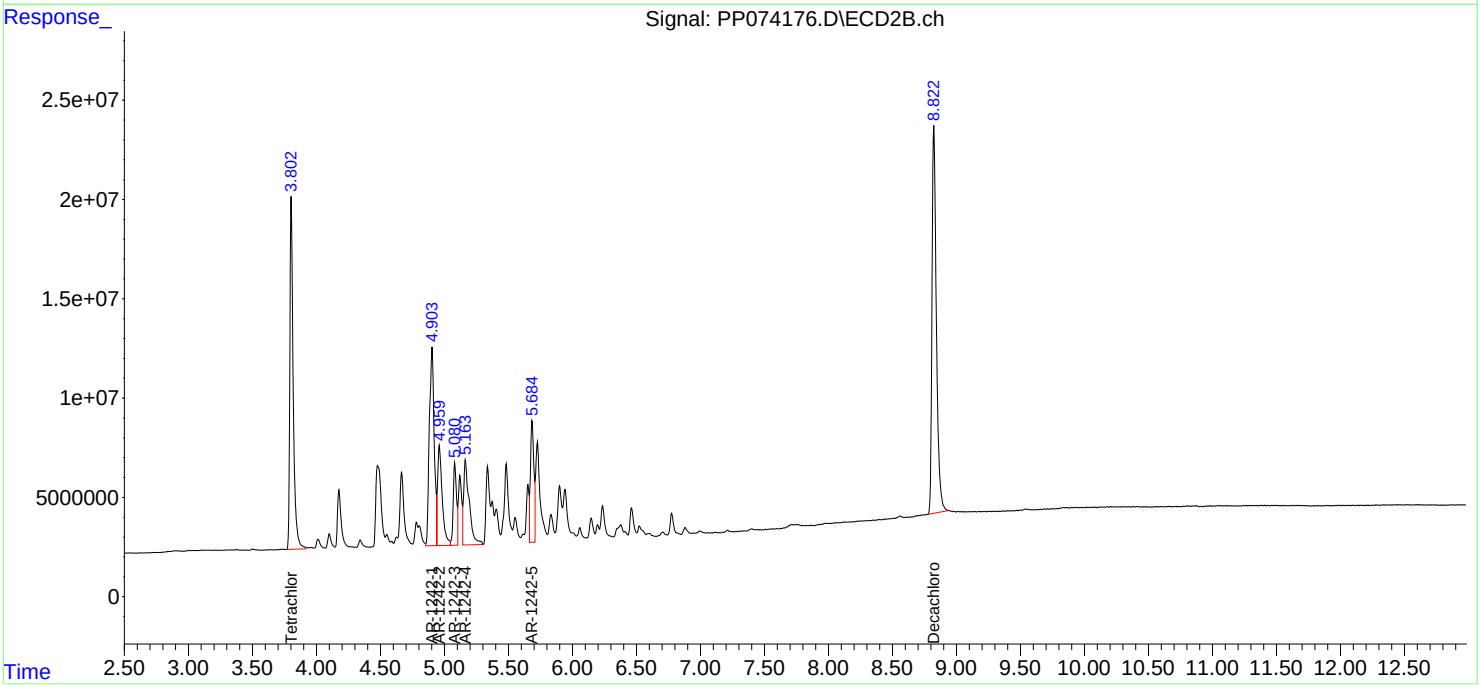
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

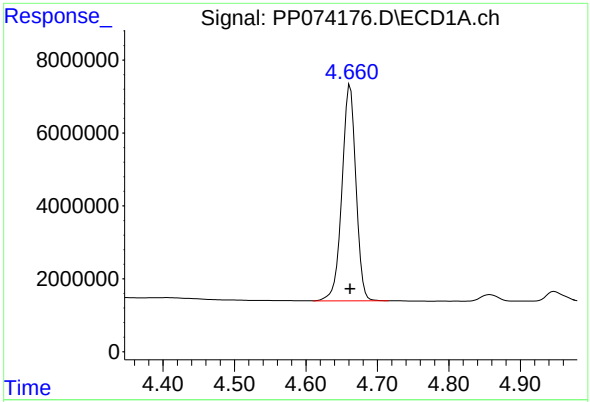
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



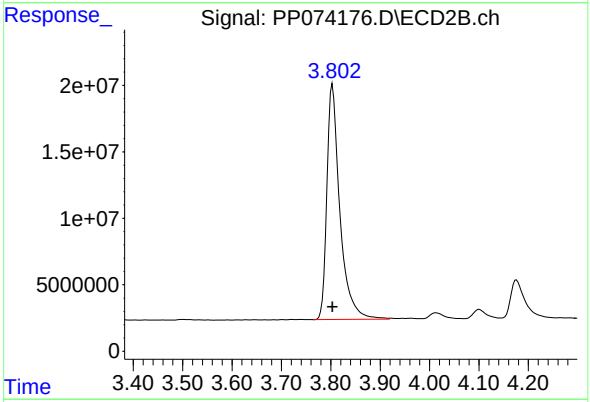




#1 Tetrachloro-m-xylene

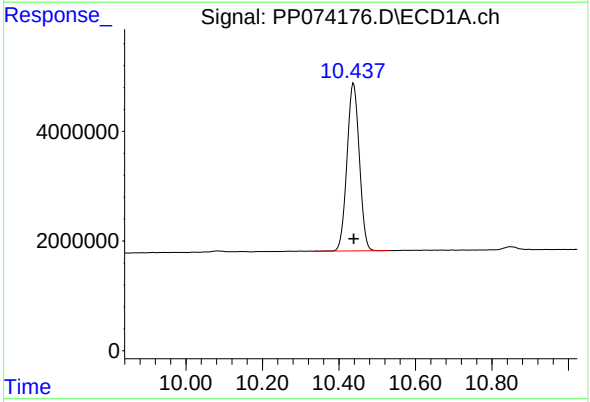
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



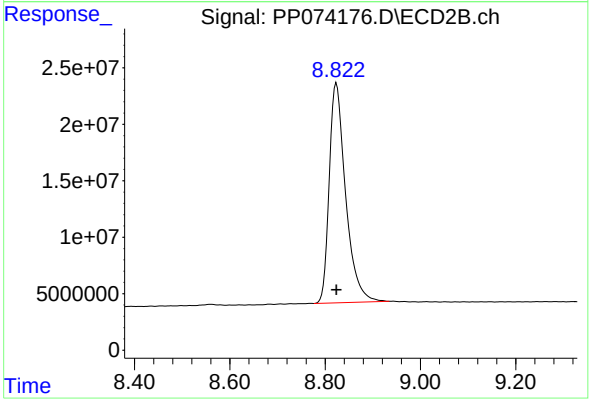
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml



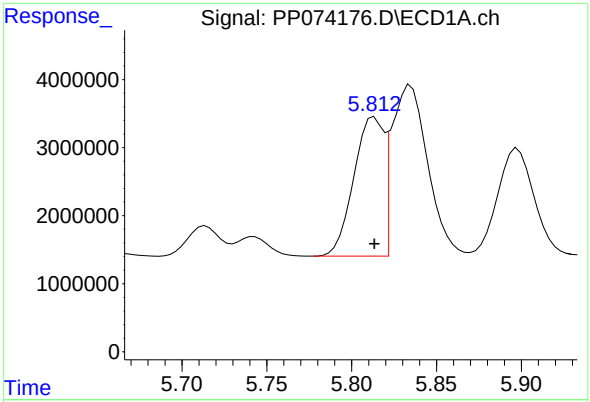
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml



#2 Decachlorobiphenyl

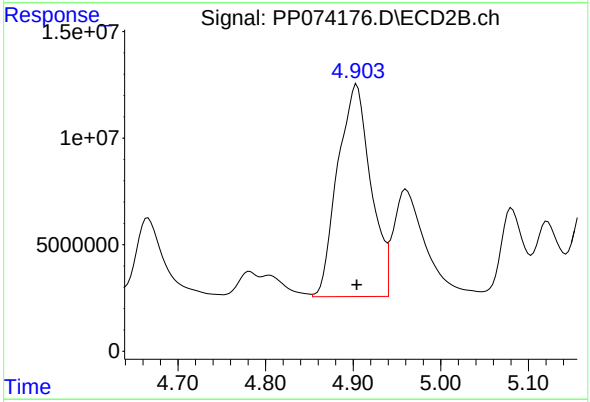
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



#16 AR-1242-1

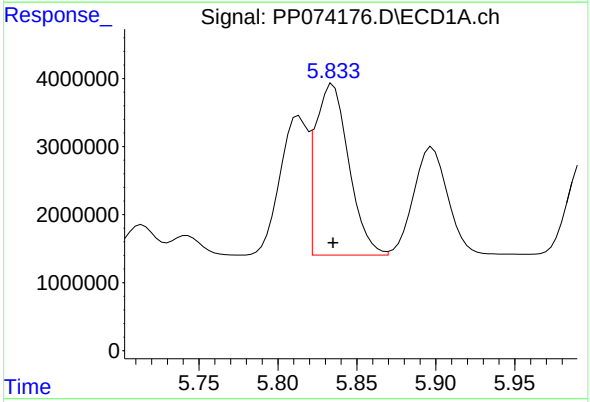
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



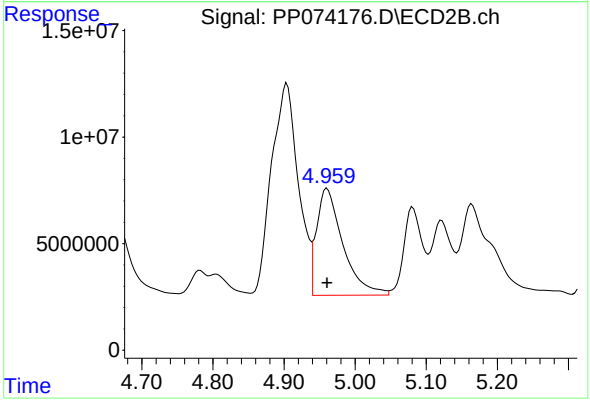
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



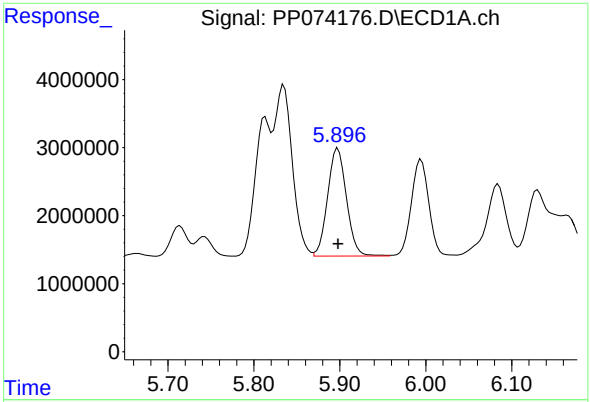
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

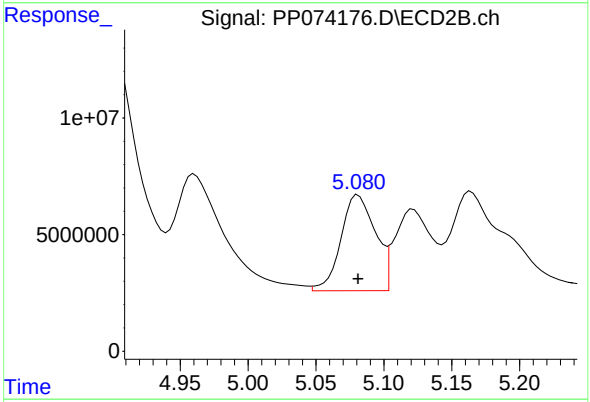
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



#18 AR-1242-3

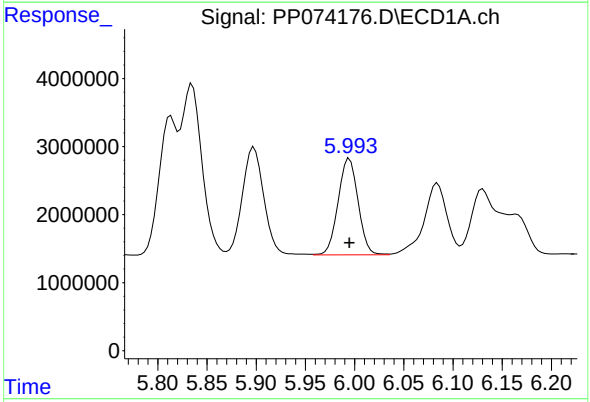
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



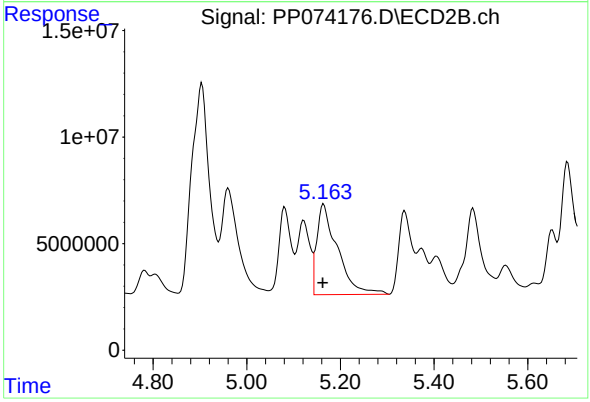
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



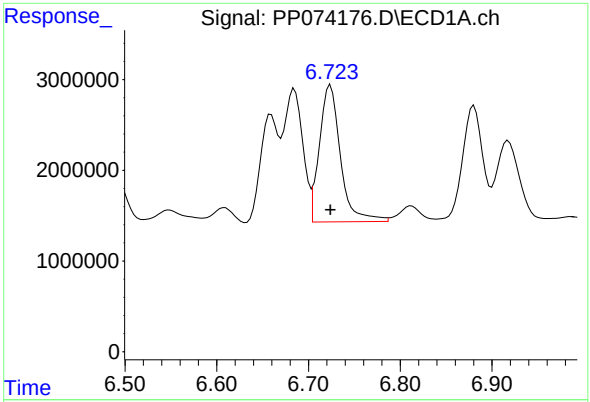
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

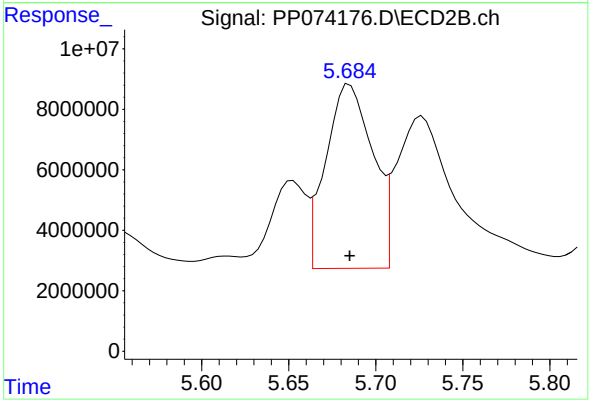
R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 130863576
Conc: 1065.58 ng/ml



#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 24065795
Conc: 755.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 114328693
Conc: 776.82 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.805	56653742	212.2E6	50.000	50.000
2)	SA Decachlor...	10.434	8.826	49220928	317.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.808	4.905	17959256	178.1E6	500.000	500.000
17)	L4 AR-1242-2	5.830	4.963	26531667	82516708	500.000	500.000
18)	L4 AR-1242-3	5.893	5.084	17362372	46044427	500.000	500.000
19)	L4 AR-1242-4	5.990	5.166	14345906	81425101	500.000	651.170 #
20)	L4 AR-1242-5	6.719	5.687	17203244	74177320	500.000	500.000

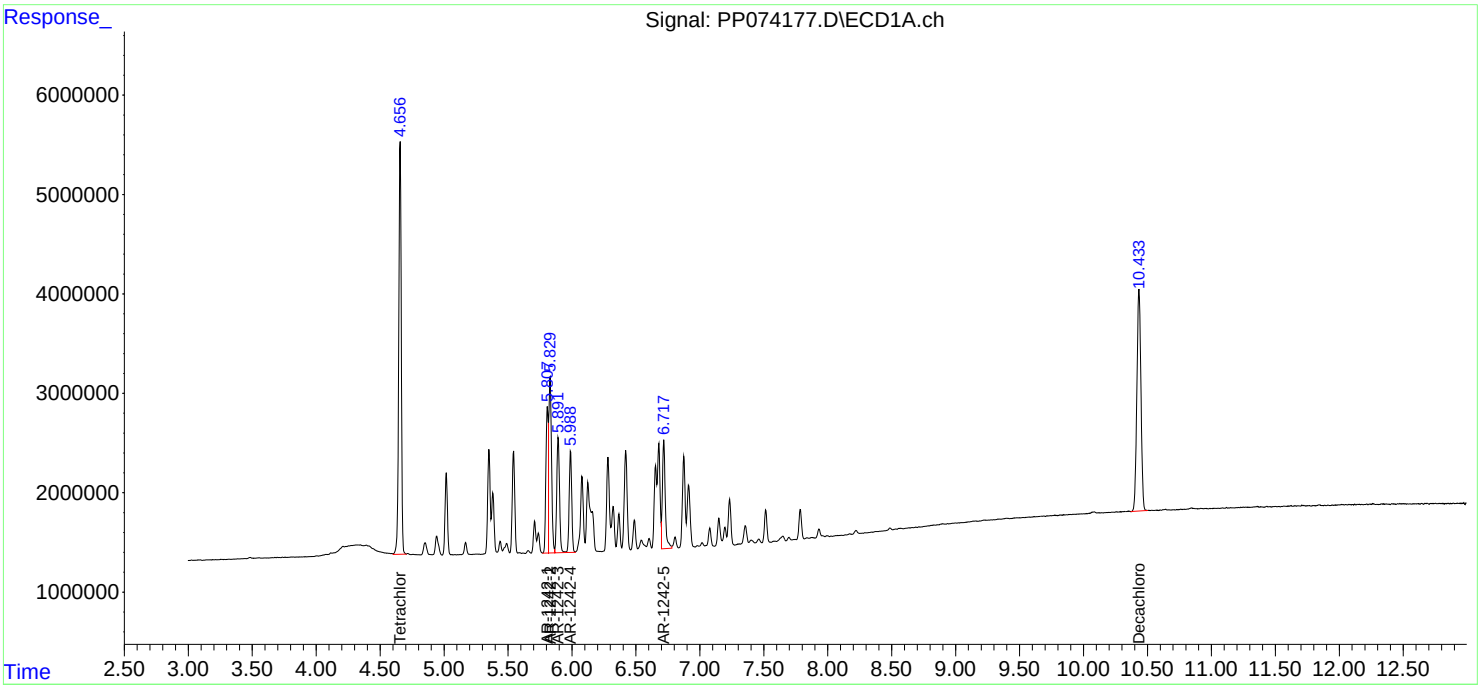
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

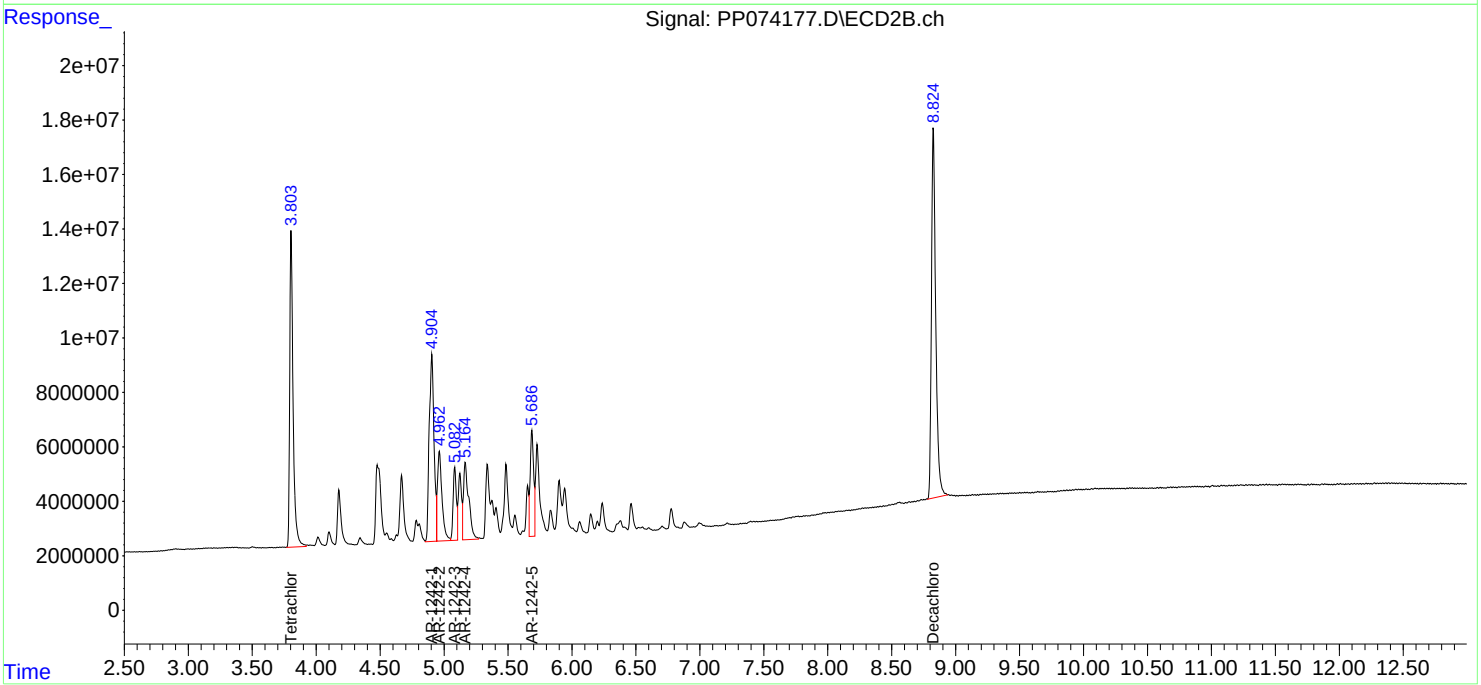
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

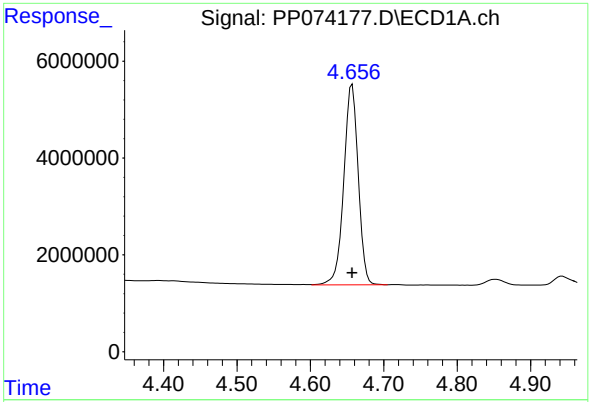
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



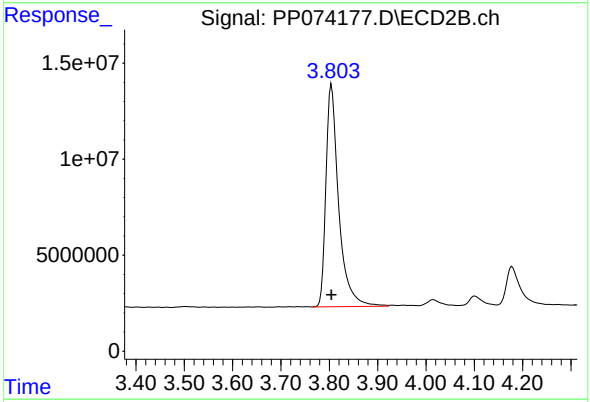




#1 Tetrachloro-m-xylene

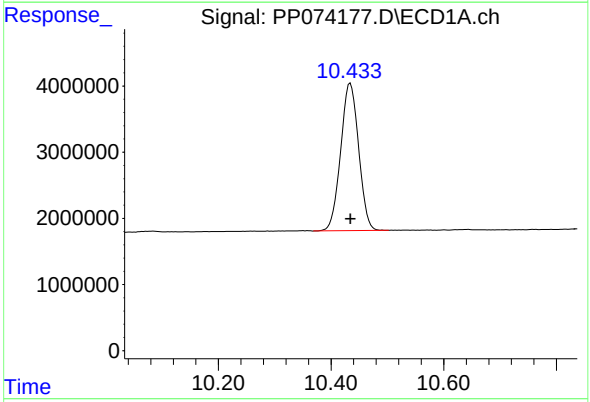
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



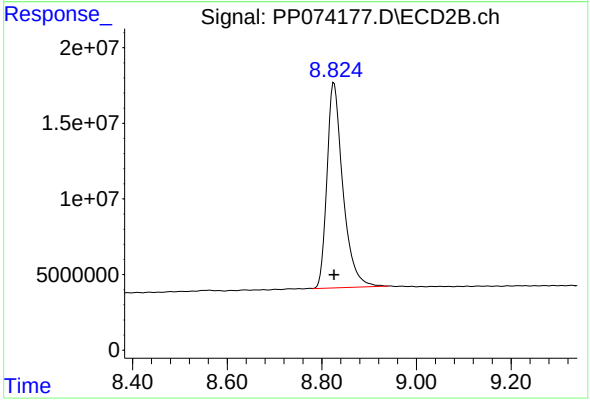
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



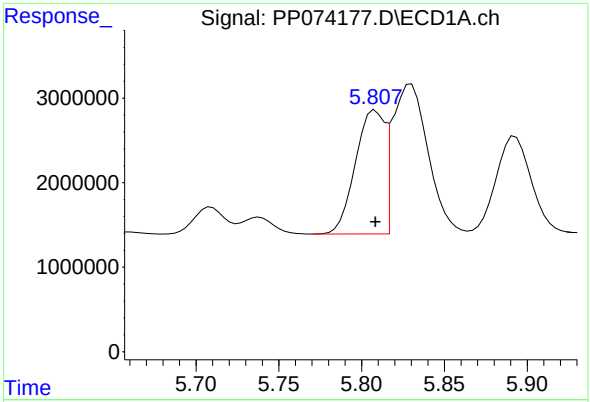
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

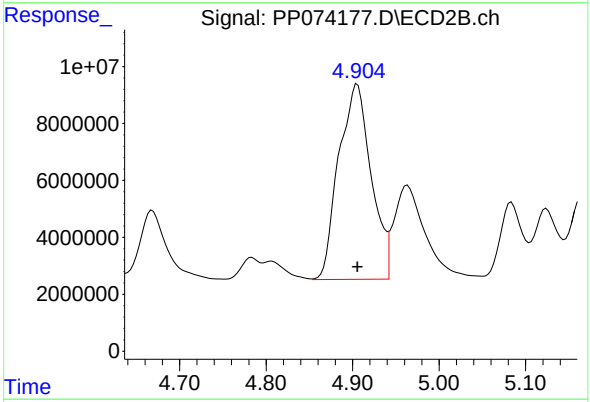
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



#16 AR-1242-1

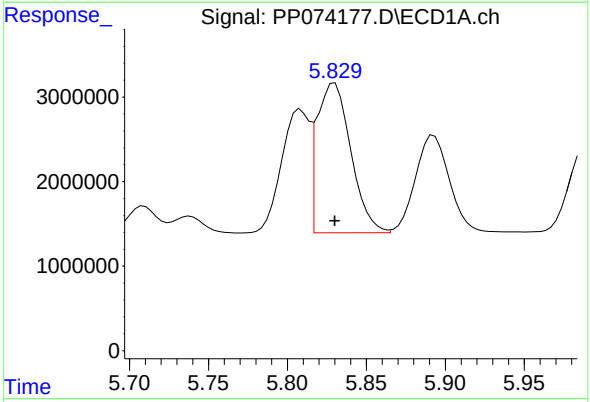
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



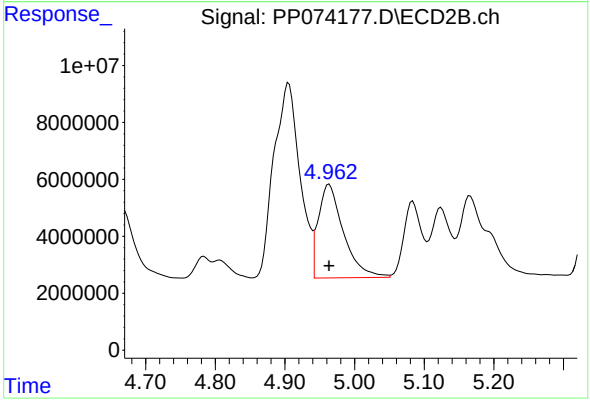
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



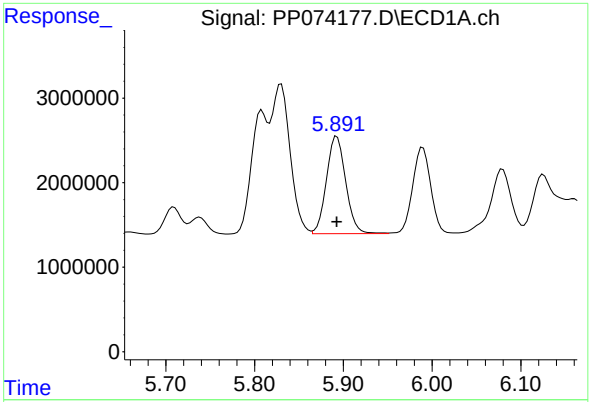
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

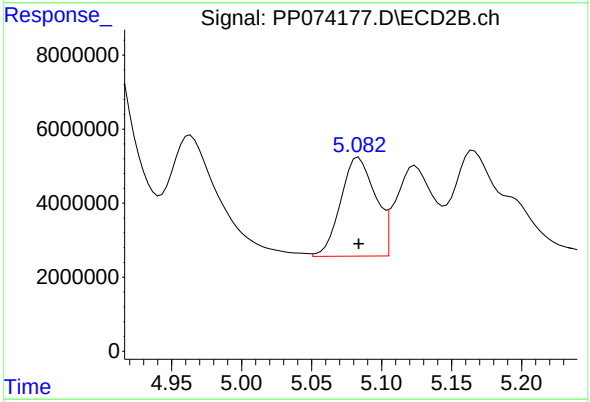
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



#18 AR-1242-3

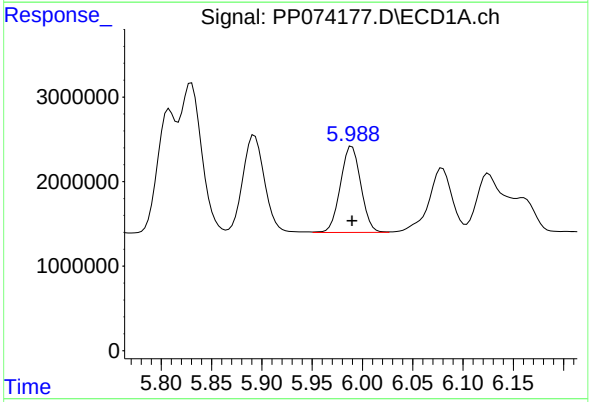
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



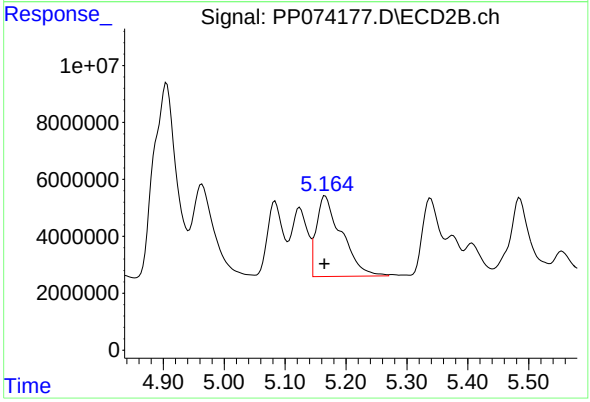
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



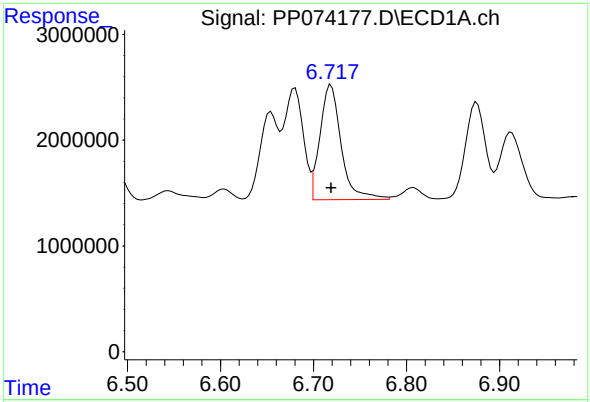
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

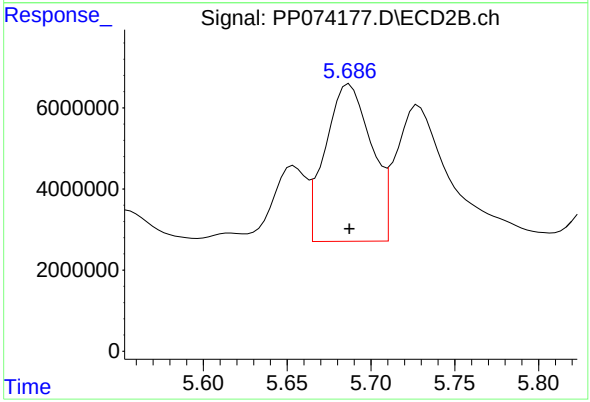
R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 81425101
Conc: 651.17 ng/ml



#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 17203244
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 74177320
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.662	3.805	30064825	99448361	26.997	23.506
2)	SA Decachlor...	10.436	8.824	26416078	156.4E6	27.507	25.039
	Target Compounds						
16)	L4 AR-1242-1	5.812	4.906	9924005	89565172	282.440	255.127
17)	L4 AR-1242-2	5.834	4.964	14472673	42174411	278.680	252.533
18)	L4 AR-1242-3	5.897	5.084	9547202	24305838	282.294	256.293
19)	L4 AR-1242-4	5.994	5.166	7737538	43979753	277.699	364.040 #
20)	L4 AR-1242-5	6.723	5.687	10585475	38870481	316.932	260.436

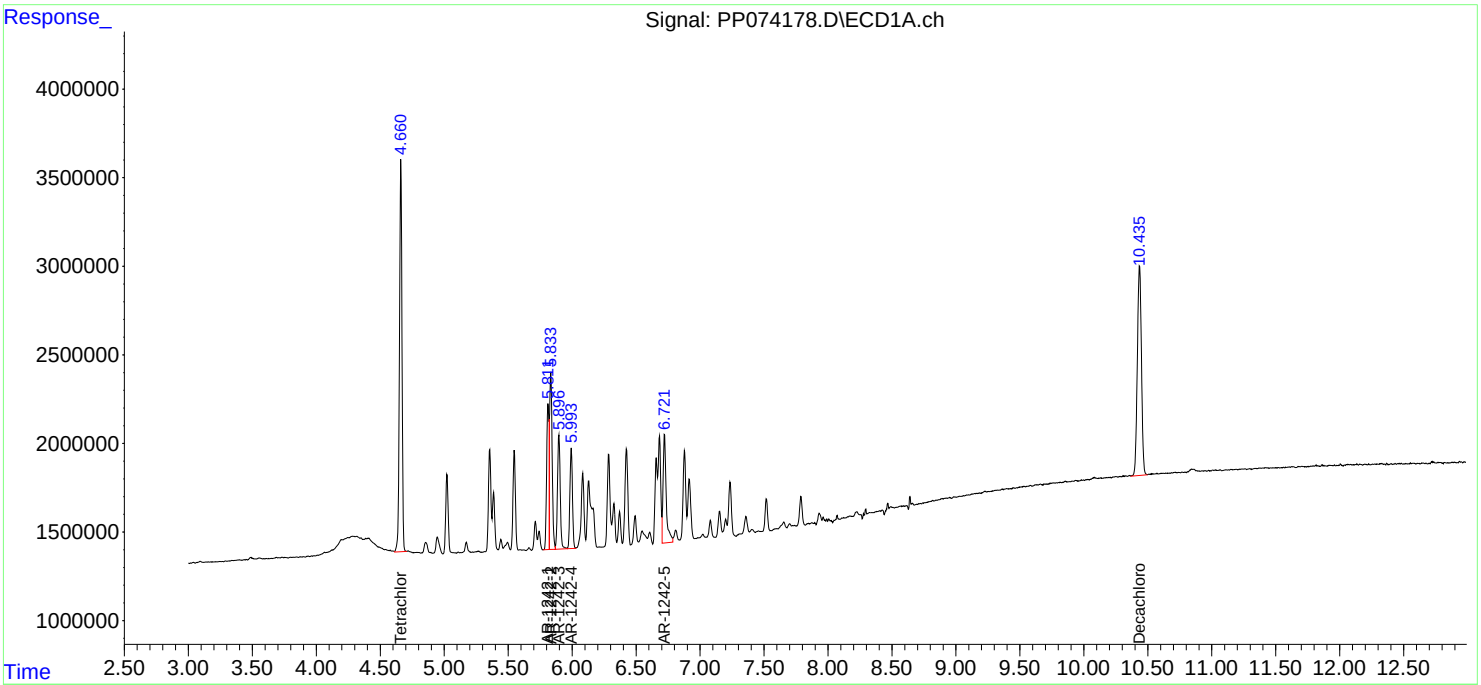
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

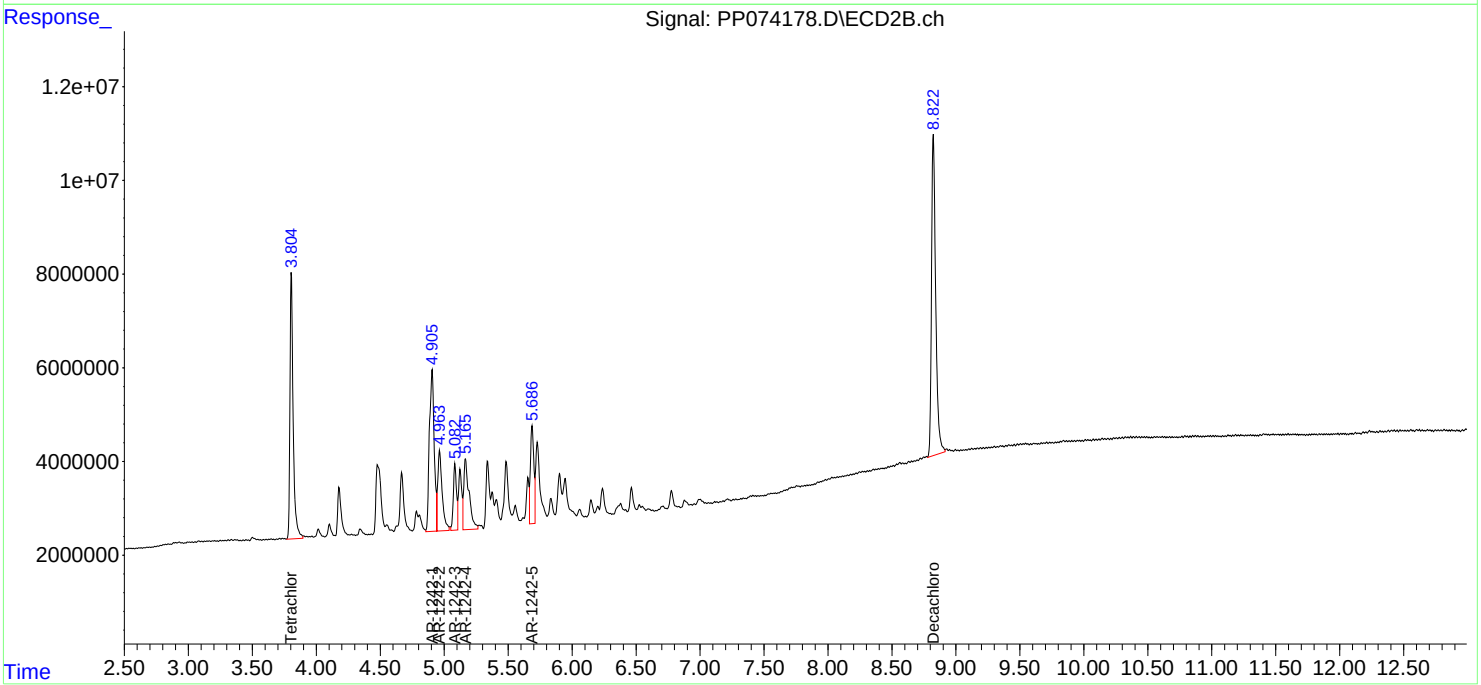
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

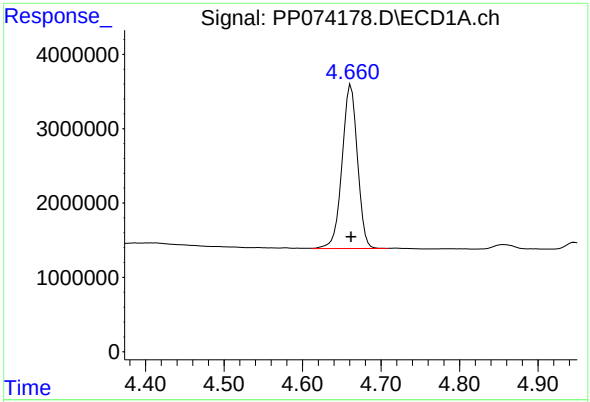
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



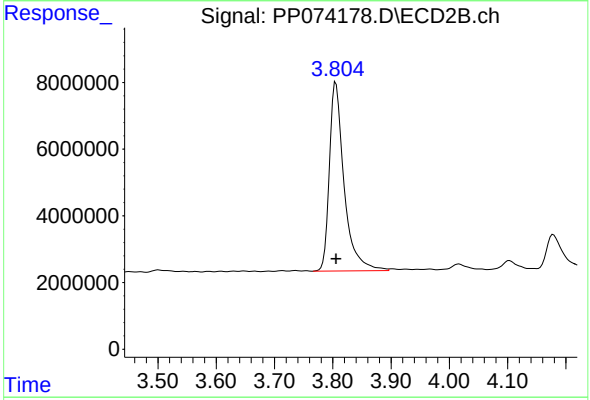




#1 Tetrachloro-m-xylene

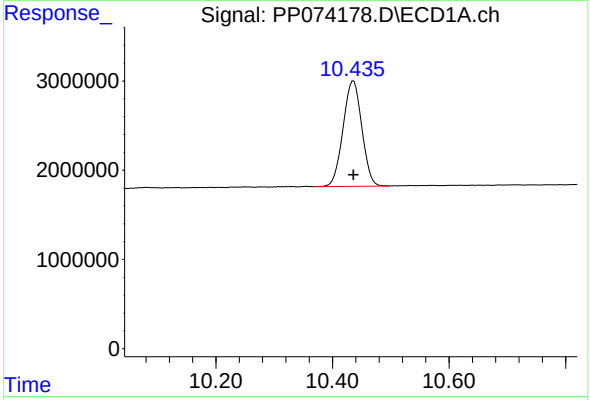
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



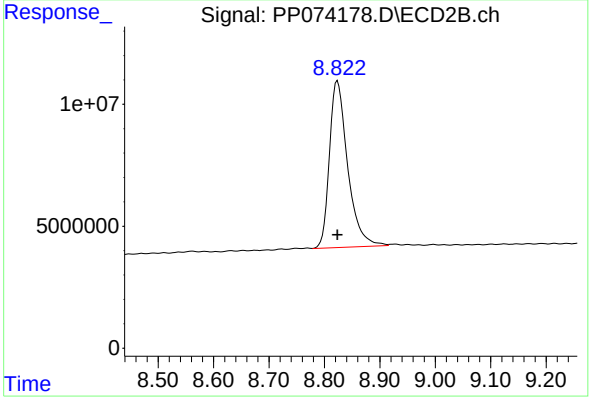
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



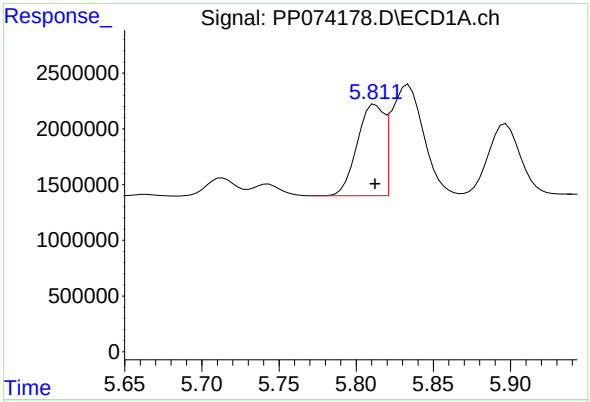
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

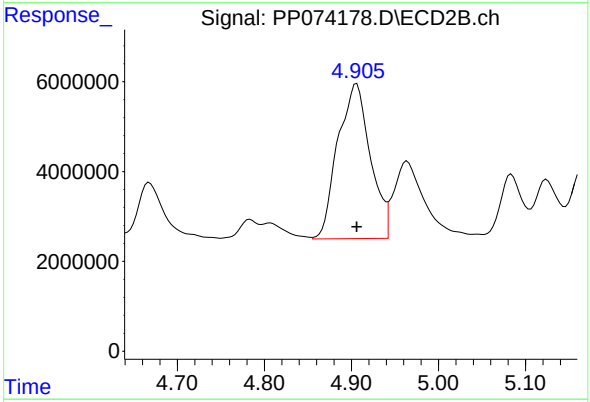
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



#16 AR-1242-1

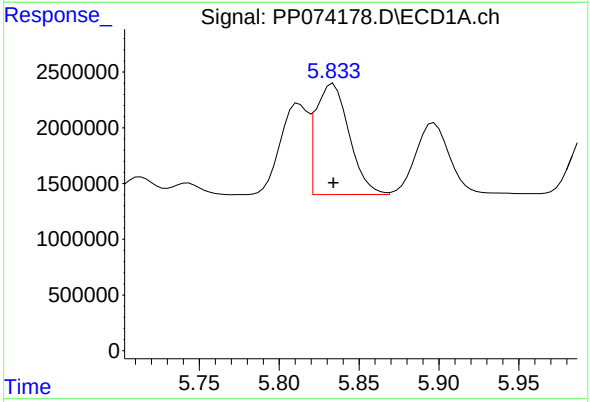
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



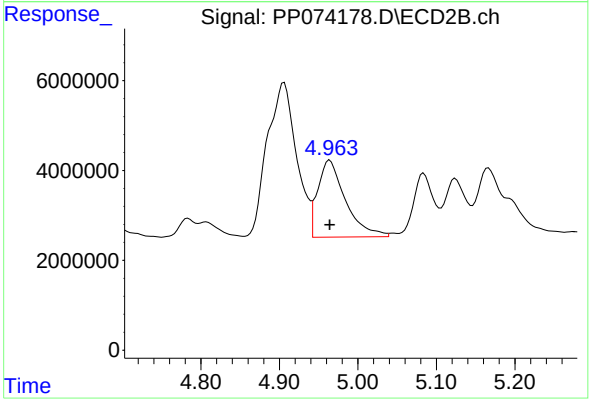
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



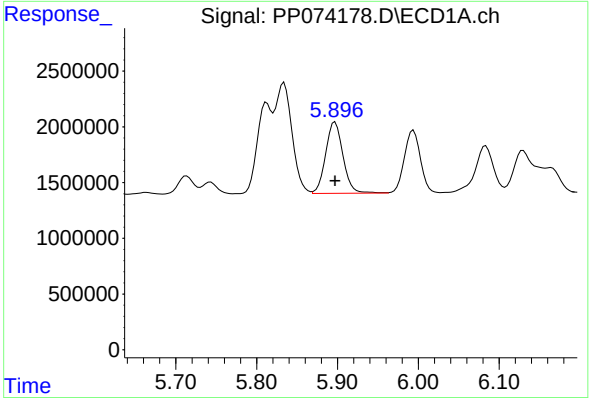
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

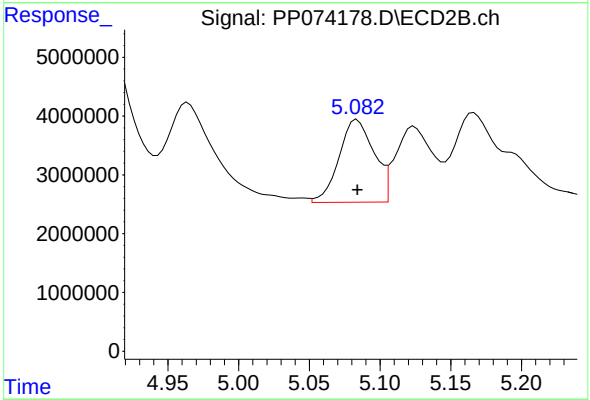
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



#18 AR-1242-3

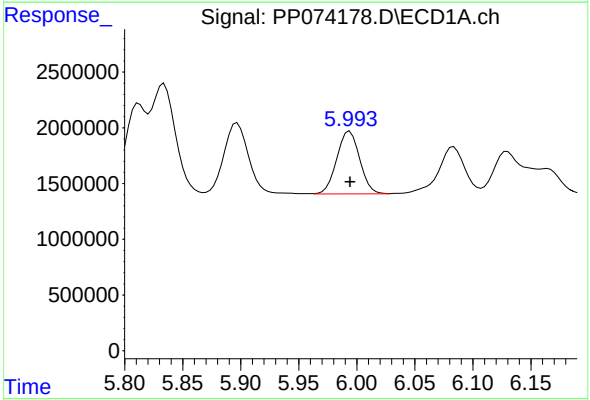
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



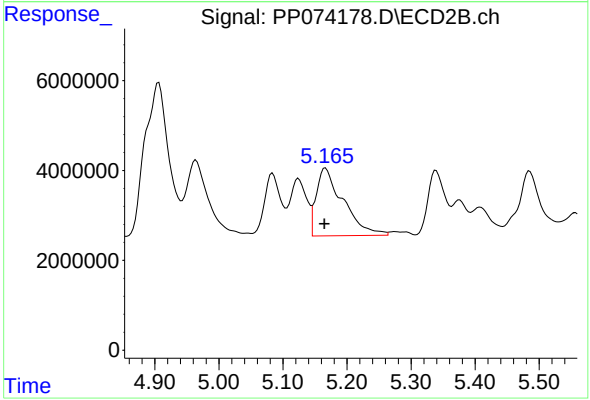
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



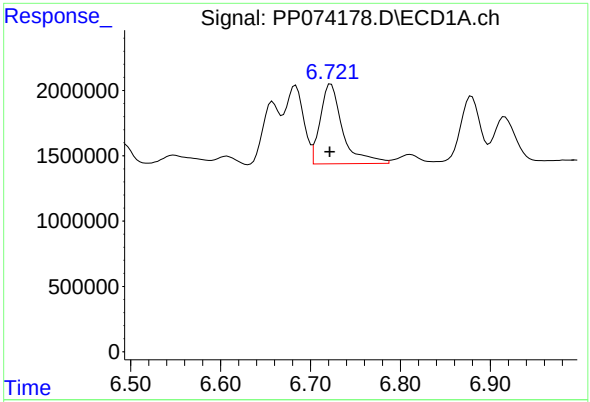
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

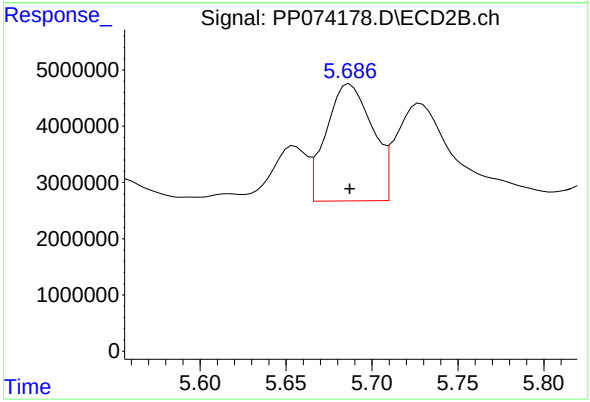
R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 43979753
Conc: 364.04 ng/ml



#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 10585475
Conc: 316.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38870481
Conc: 260.44 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.659	3.803	6977861	15078408	5.999	3.762	#
2)	SA Decachlor...	10.432	8.821	6026260	28194628	5.971	4.604	
	Target Compounds							
16)	L4 AR-1242-1	5.810	4.903	2289125	16072866	61.427	46.569	
17)	L4 AR-1242-2	5.832	4.962	3215660	7443347	59.102	45.559	
18)	L4 AR-1242-3	5.895	5.082	2169957	4094869	60.722	44.390	#
19)	L4 AR-1242-4	5.991	5.163	1732044	5803584	59.279	48.597	
20)	L4 AR-1242-5	6.722	5.686	3937933	7539678	102.119	50.412	#

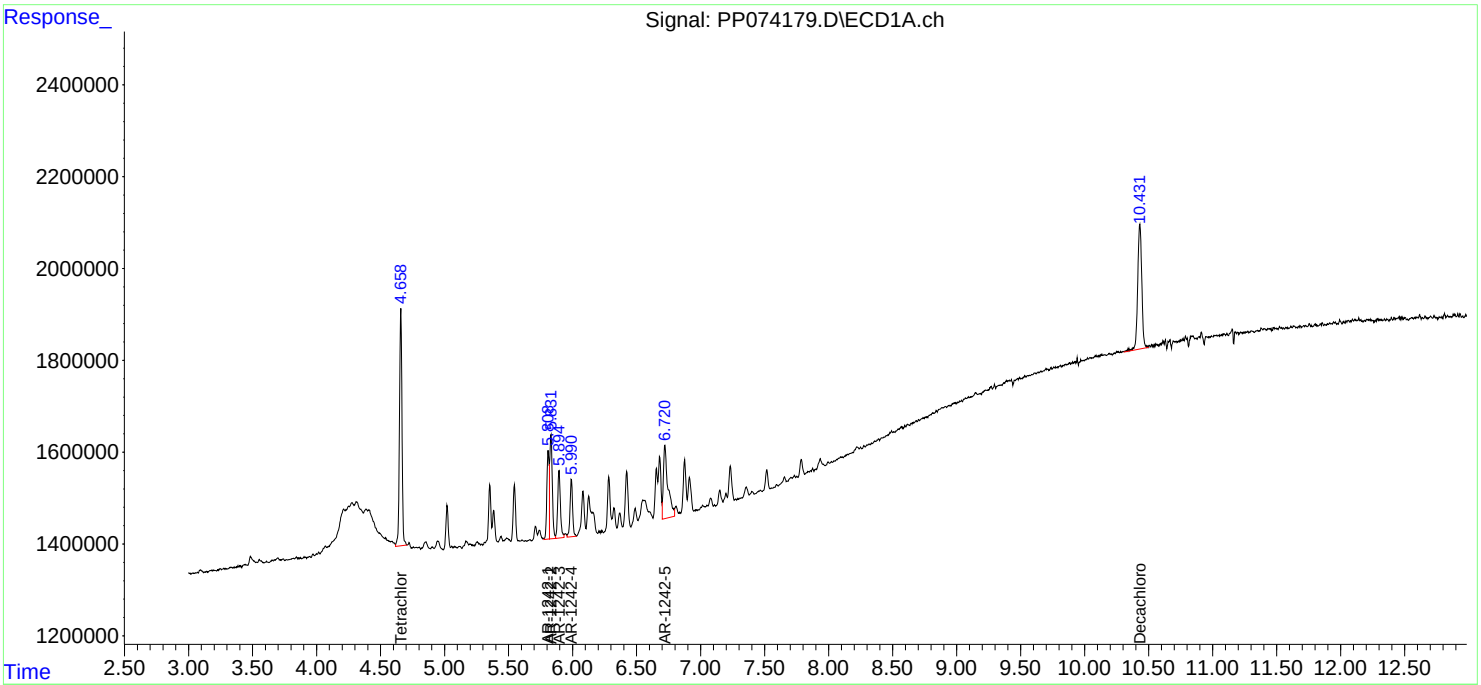
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

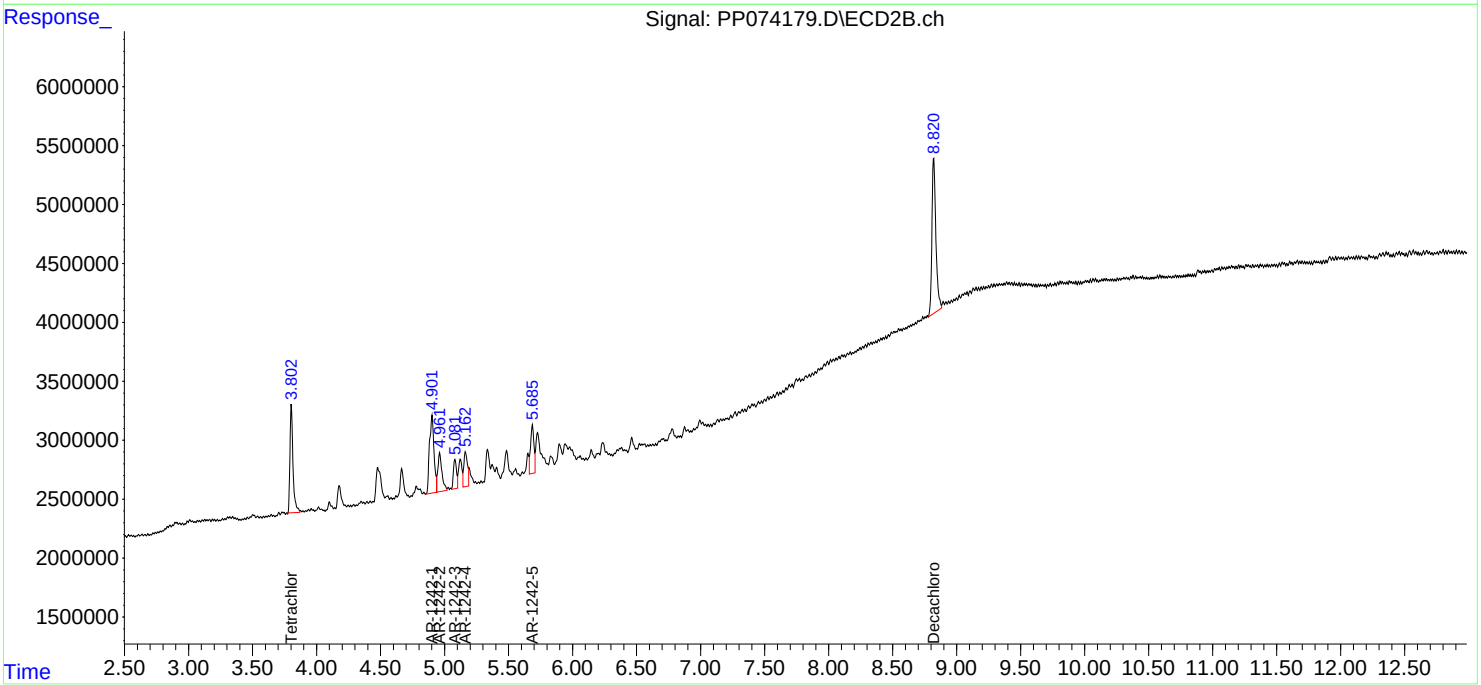
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

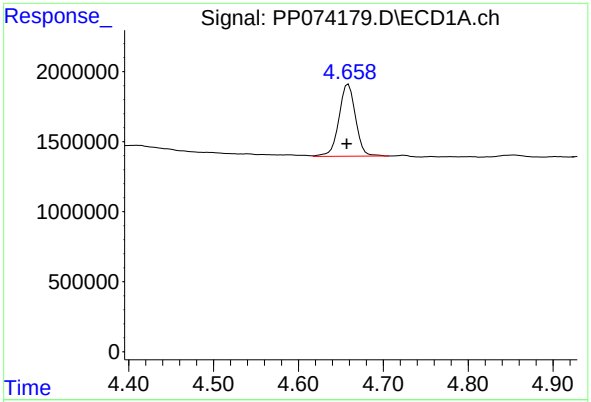
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



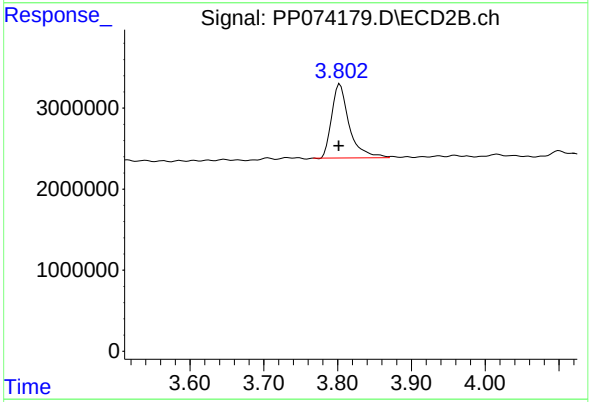




#1 Tetrachloro-m-xylene

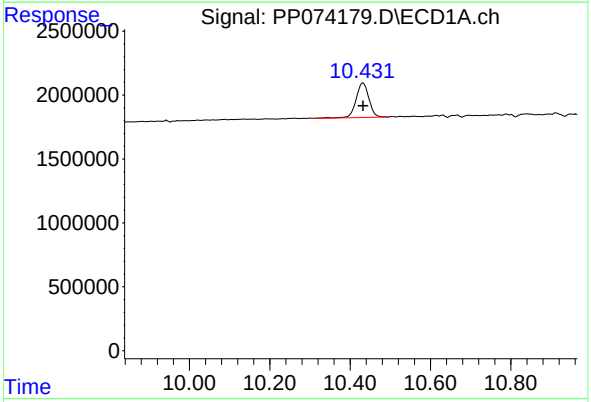
R.T.: 4.659 min
Delta R.T.: 0.002 min
Response: 6977861
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



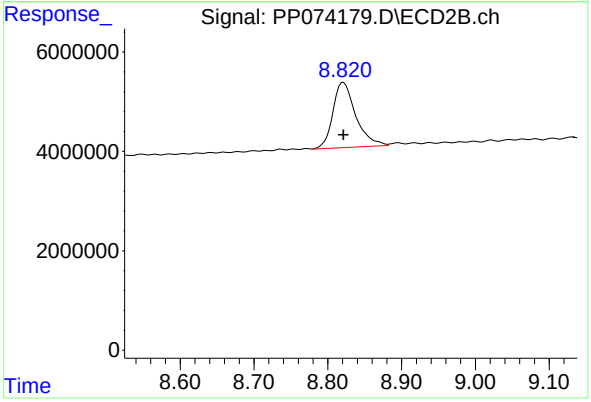
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.001 min
Response: 15078408
Conc: 3.76 ng/ml



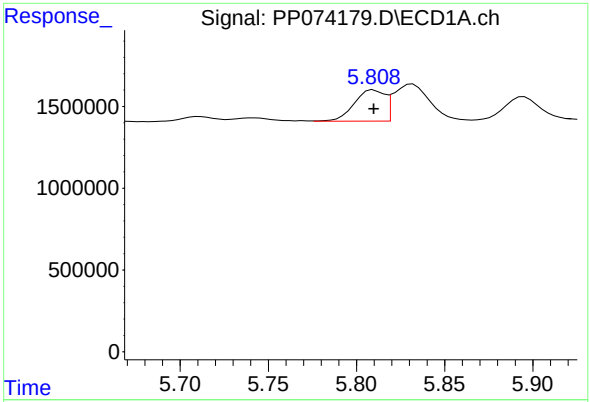
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

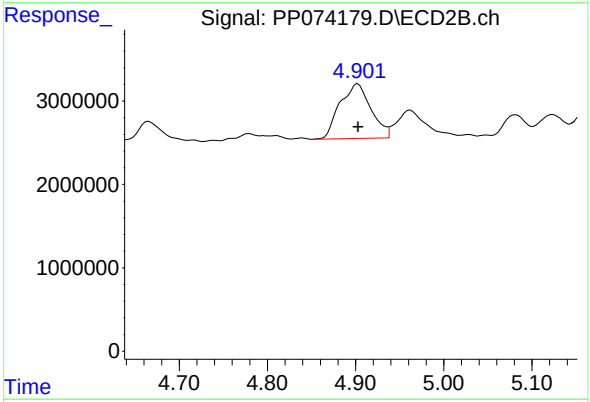
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



#16 AR-1242-1

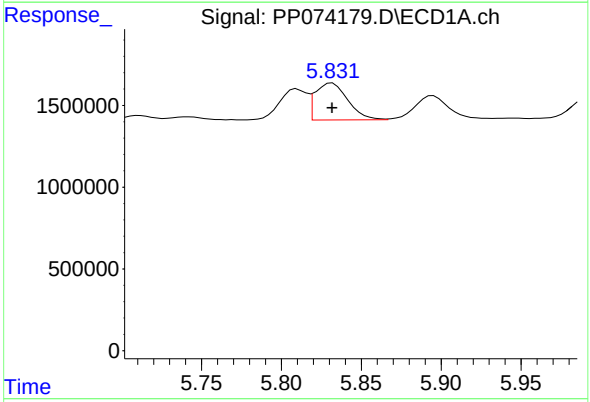
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



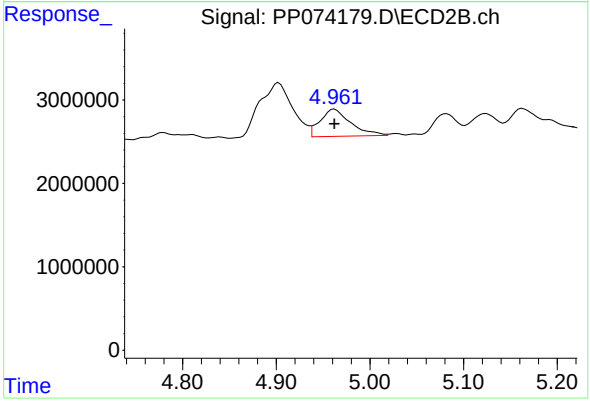
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



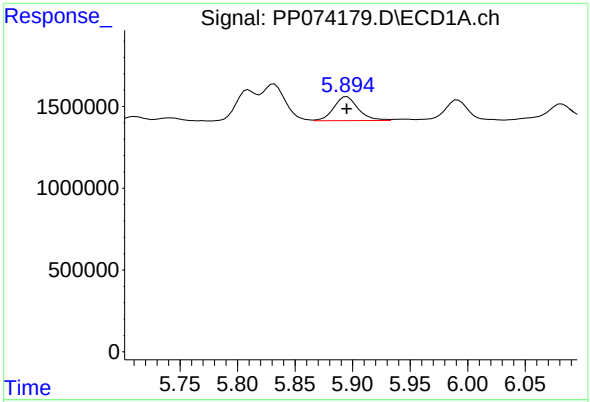
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

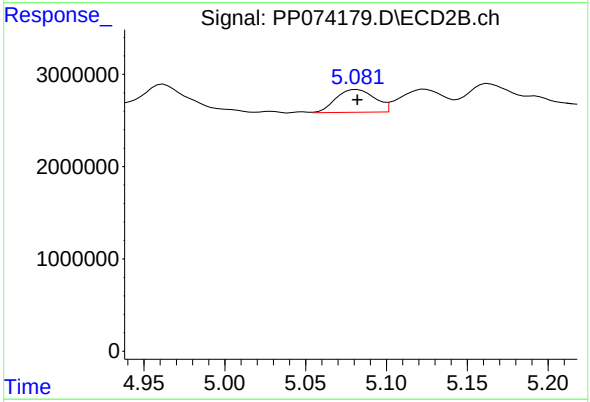
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



#18 AR-1242-3

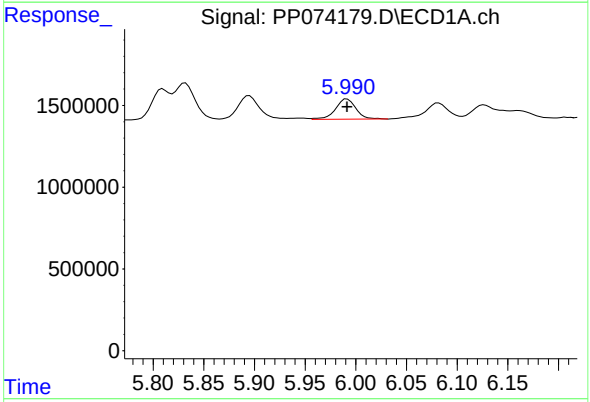
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



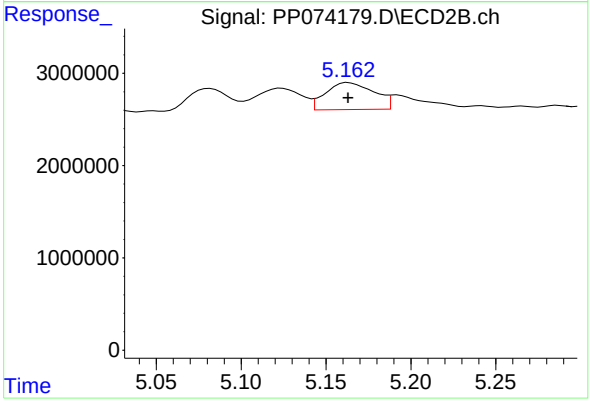
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



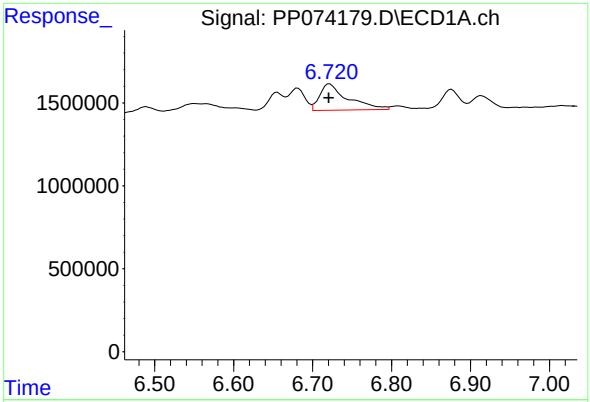
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

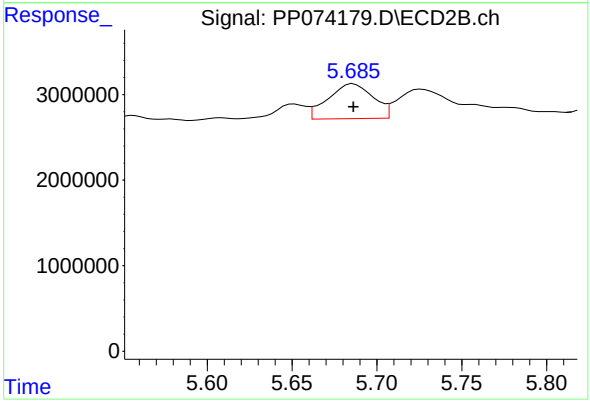
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 3937933
Conc: 102.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 7539678
Conc: 50.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.805	54922987	197.2E6	50.000	50.000
2)	SA Decachlor...	10.433	8.824	48401219	304.7E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.903	14191296	111.8E6	500.000	500.000
22)	L5 AR-1248-2	6.082	5.124	20093773	73885161	500.000	500.000
23)	L5 AR-1248-3	6.284	5.166	22320416	131.4E6	500.000	698.929 #
24)	L5 AR-1248-4	6.682	5.338	25791080	83528426	500.000	500.000
25)	L5 AR-1248-5	6.721	5.727	26620059	151.4E6	500.000	500.000

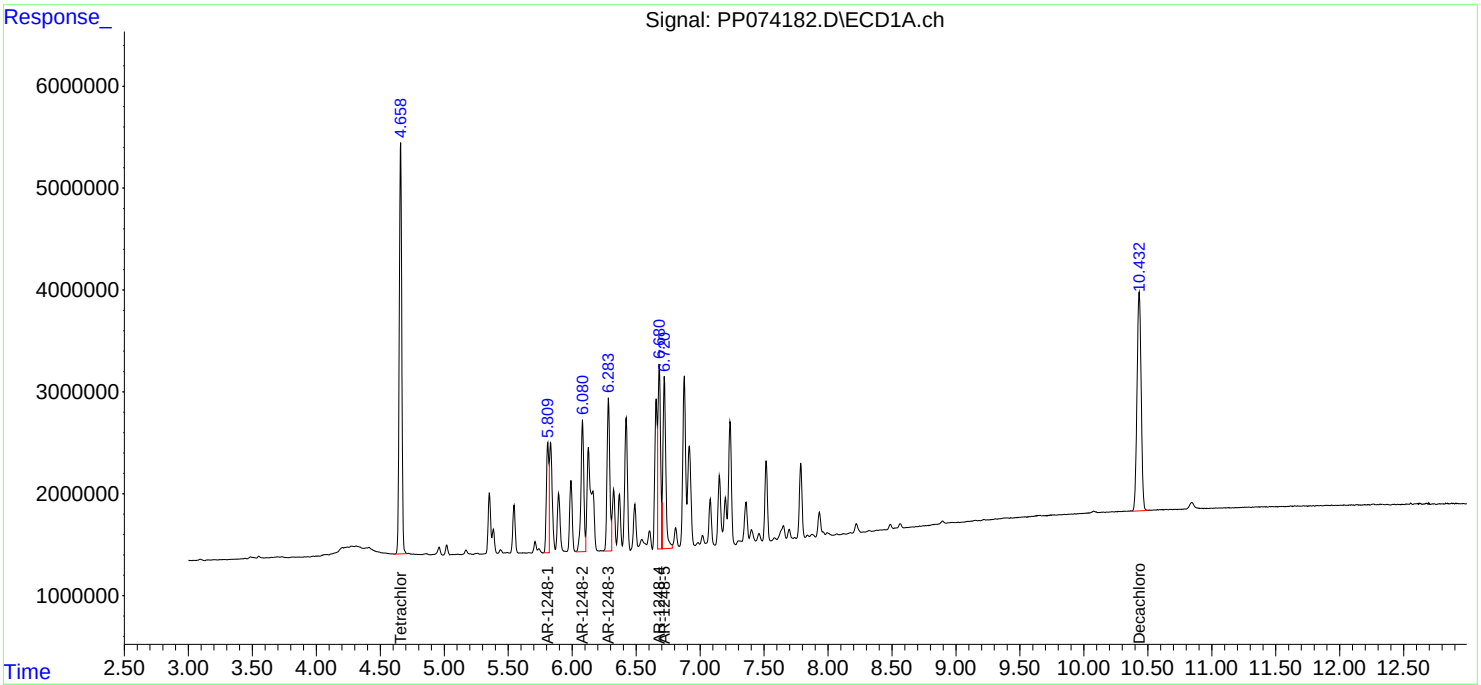
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

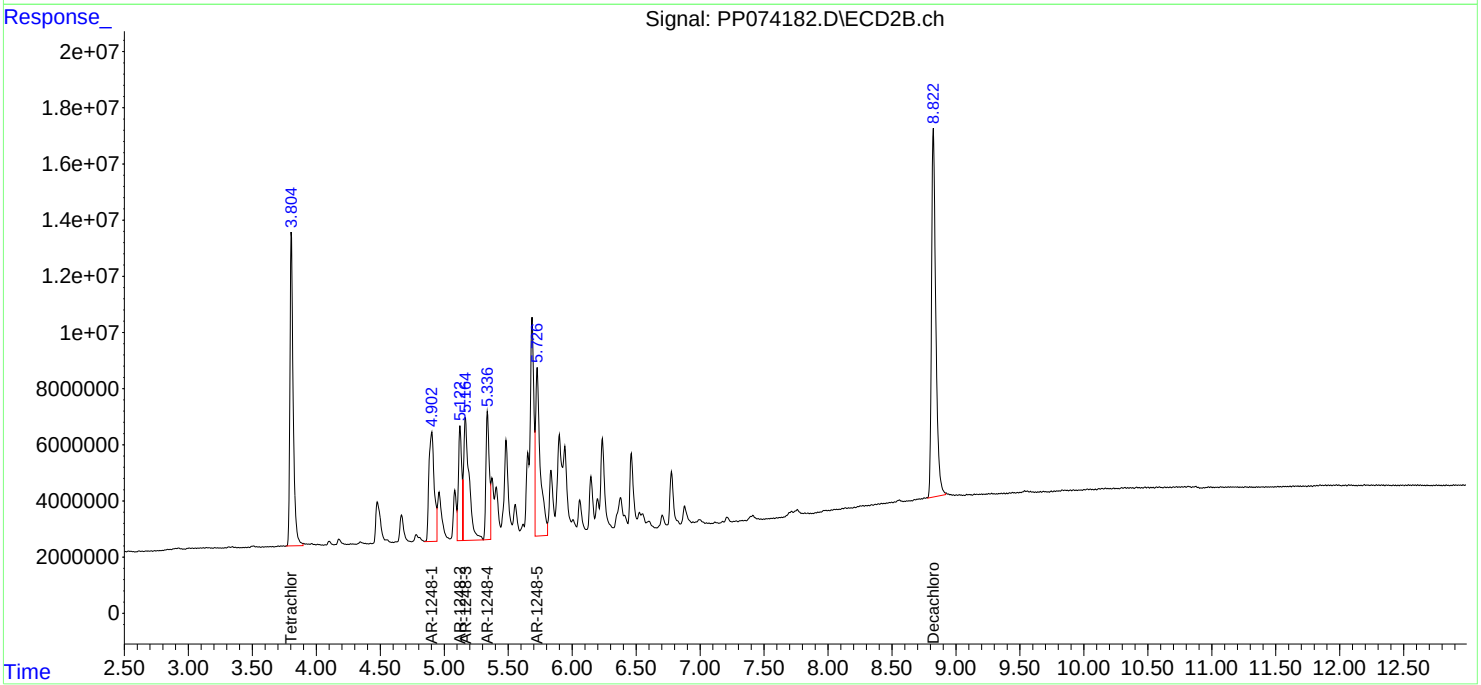
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

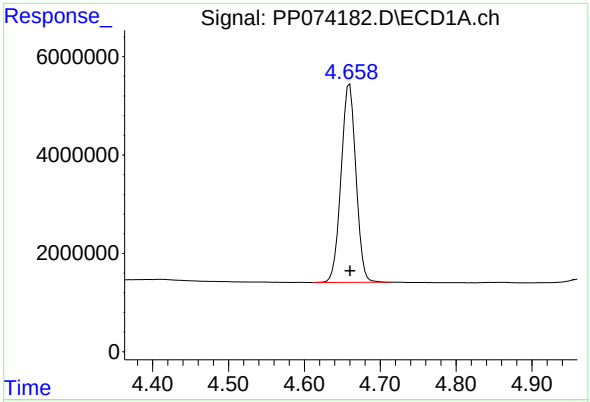
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



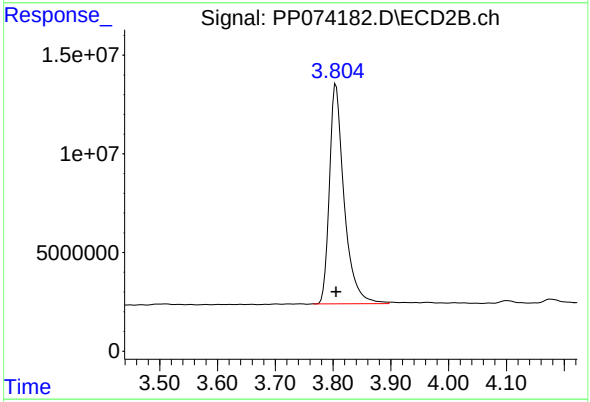




#1 Tetrachloro-m-xylene

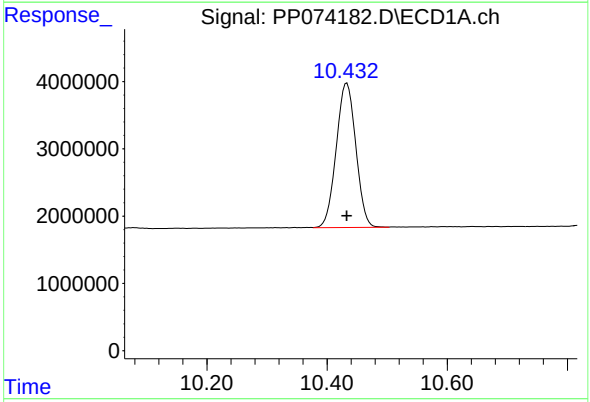
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



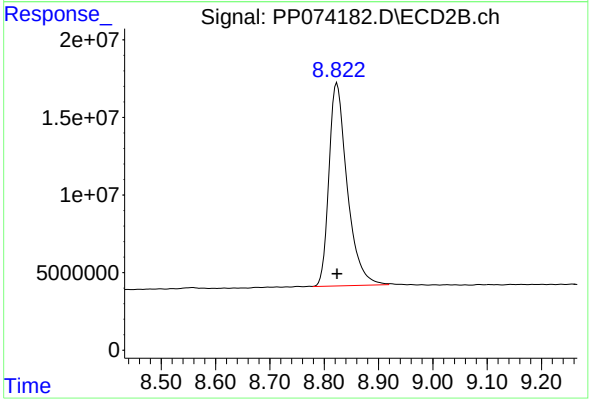
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



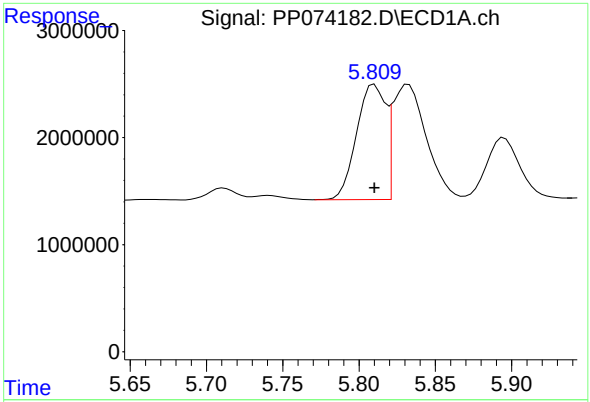
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

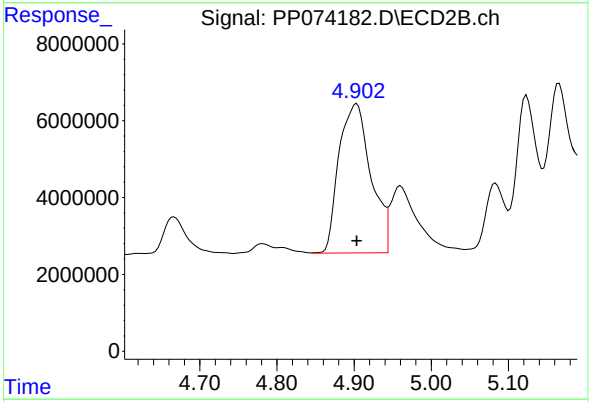
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



#21 AR-1248-1

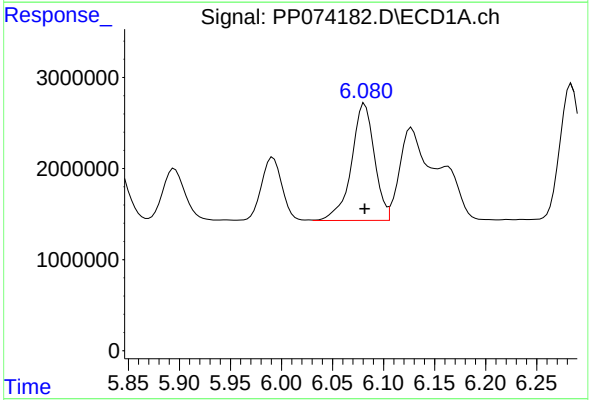
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



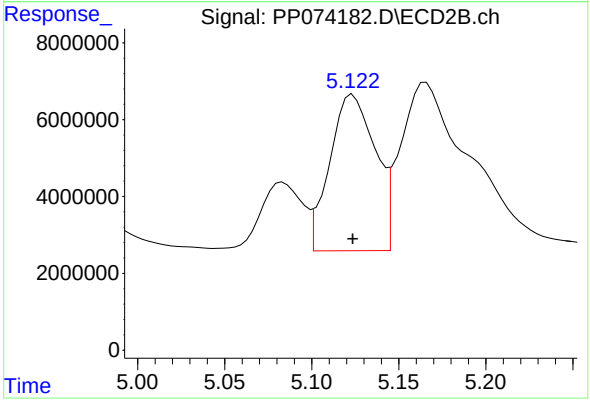
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



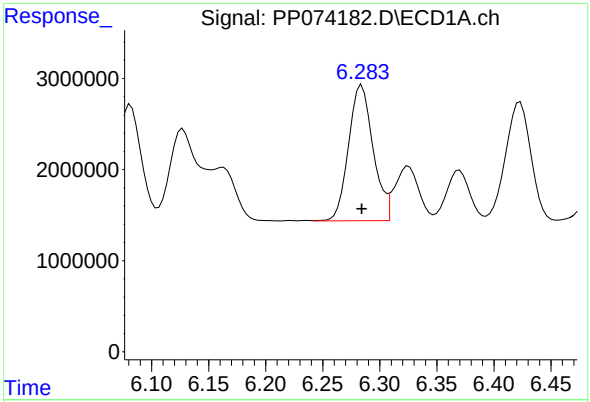
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

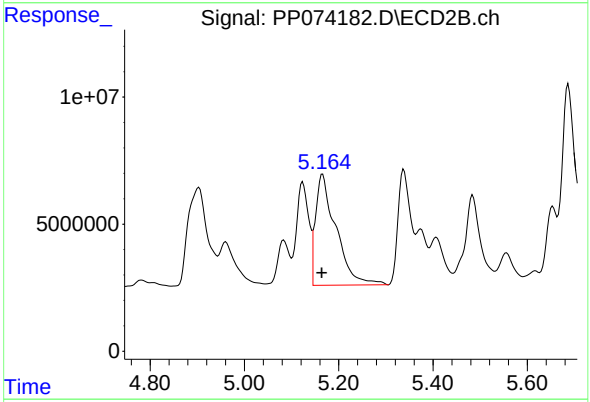
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



#23 AR-1248-3

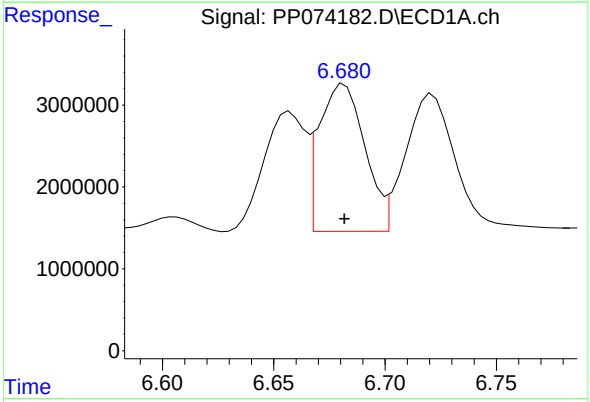
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



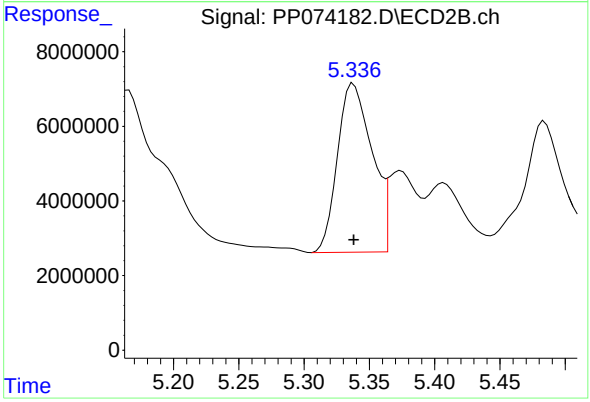
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 131449027
Conc: 698.93 ng/ml



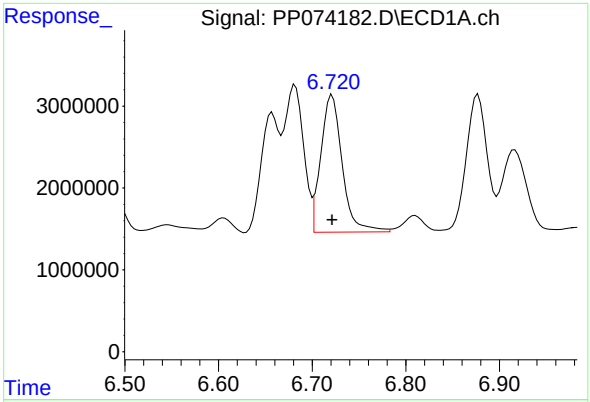
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

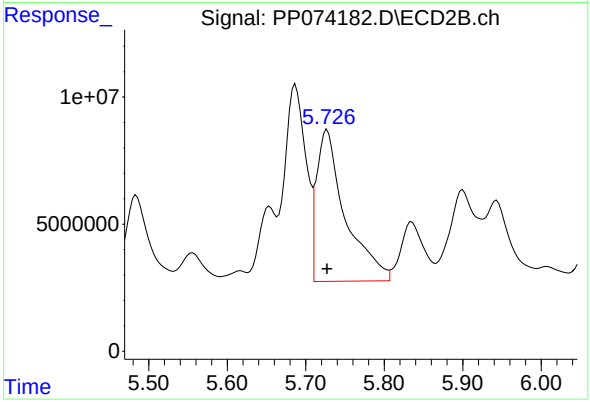
R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 26620059
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 151391354
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.805	105.5E6	435.9E6	94.708	107.891
2)	SA Decachlor...	10.433	8.824	90161394	620.7E6	92.084	101.439
	Target Compounds						
26)	L6 AR-1254-1	6.660	5.689	70203514	384.6E6	1294.709	998.639
27)	L6 AR-1254-2	6.875	5.835	70079706	284.4E6	896.542	1000.895
28)	L6 AR-1254-3	7.237	6.238	76495408	520.2E6	905.487	1022.453
29)	L6 AR-1254-4	7.518	6.464	57834344	378.1E6	911.799	1002.531
30)	L6 AR-1254-5	7.934	6.882	73335985	464.7E6	909.260	1166.896 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

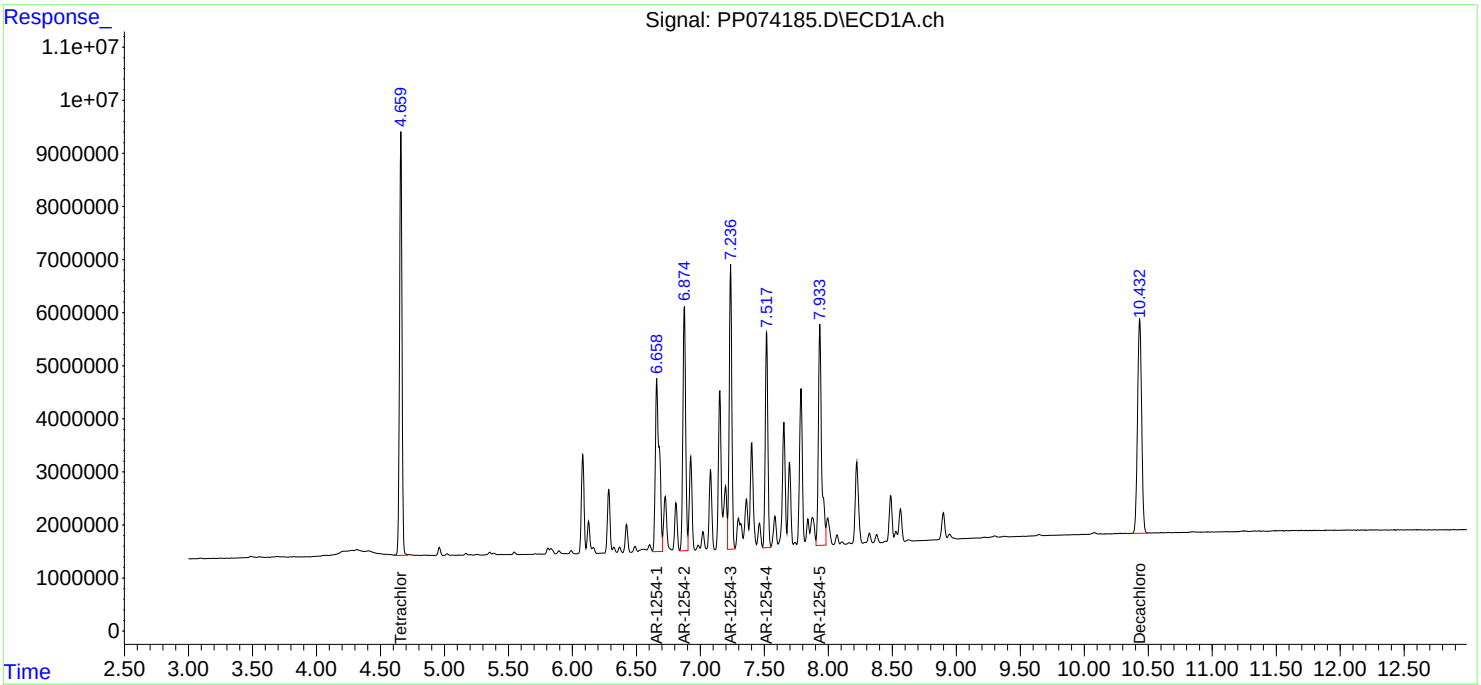
Quantitation Report (Not Reviewed)

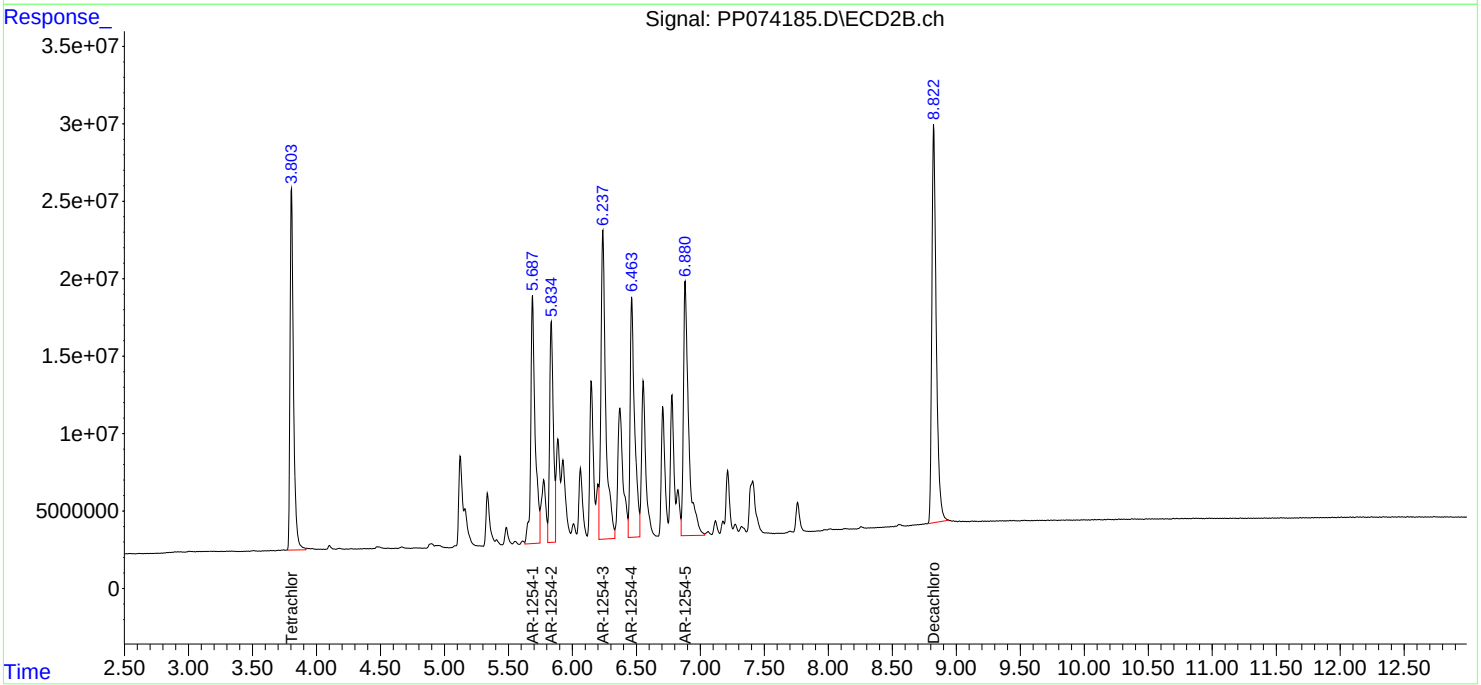
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

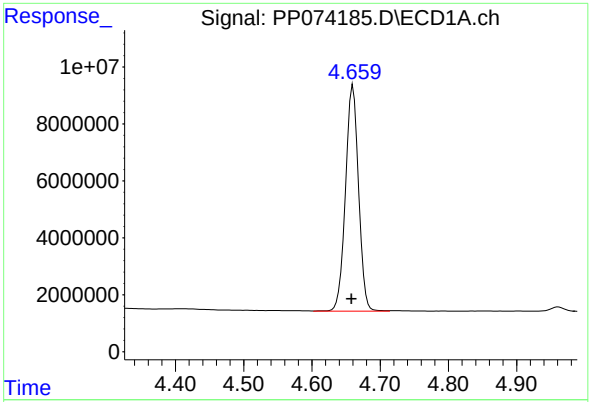
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

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



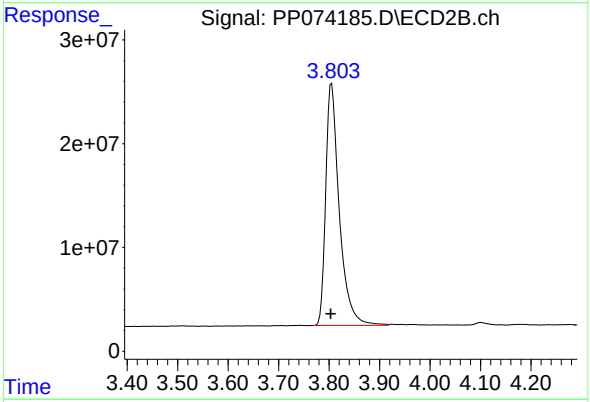




#1 Tetrachloro-m-xylene

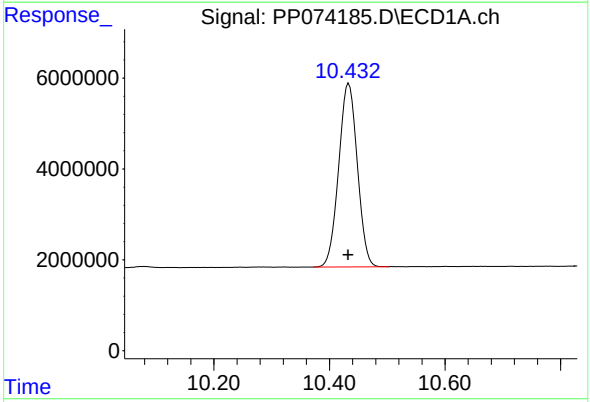
R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



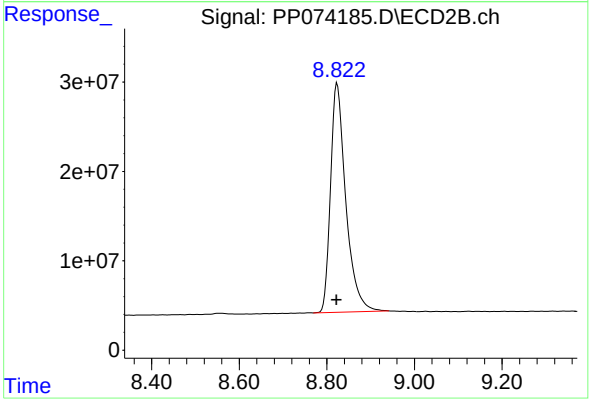
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



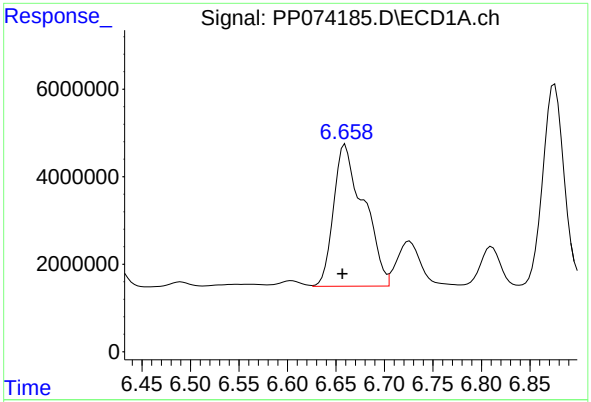
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml



#2 Decachlorobiphenyl

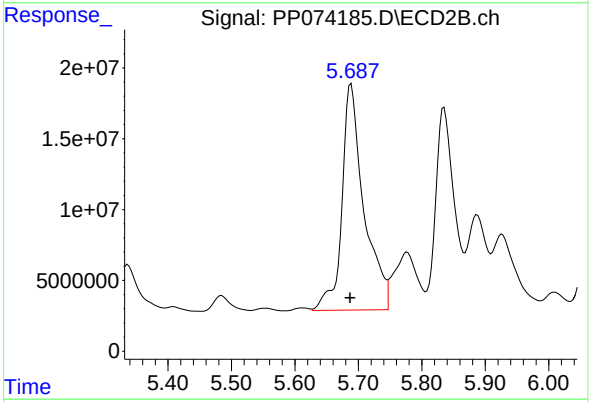
R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml



#26 AR-1254-1

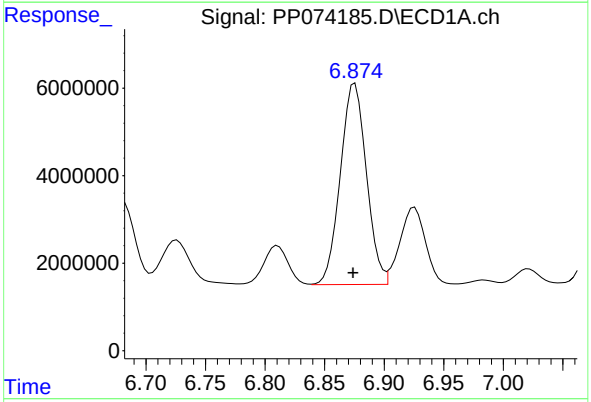
R.T.: 6.660 min
Delta R.T.: 0.003 min
Response: 70203514
Conc: 1294.71 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



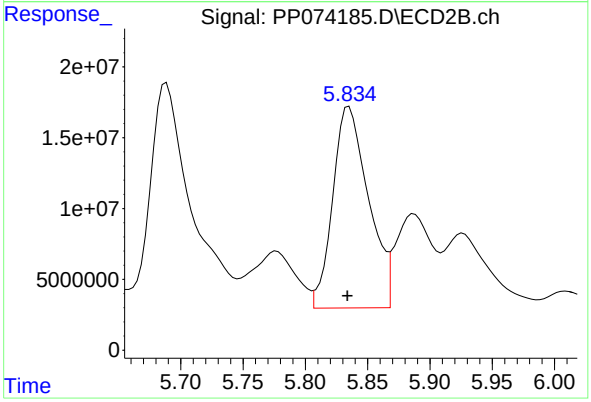
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



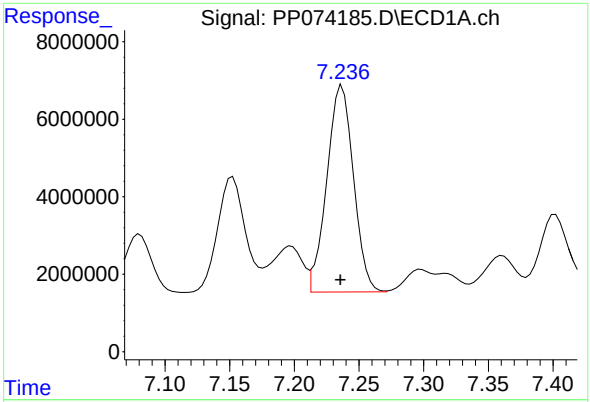
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml



#27 AR-1254-2

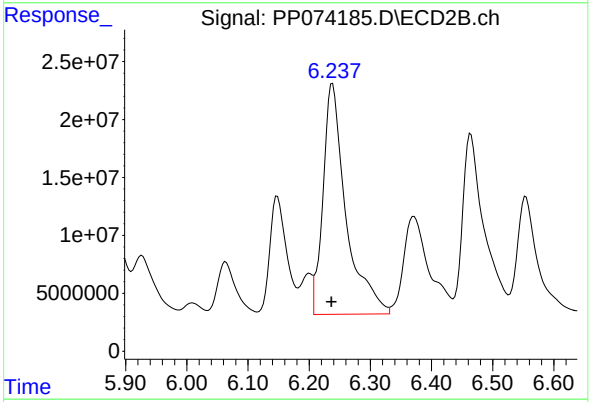
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml



#28 AR-1254-3

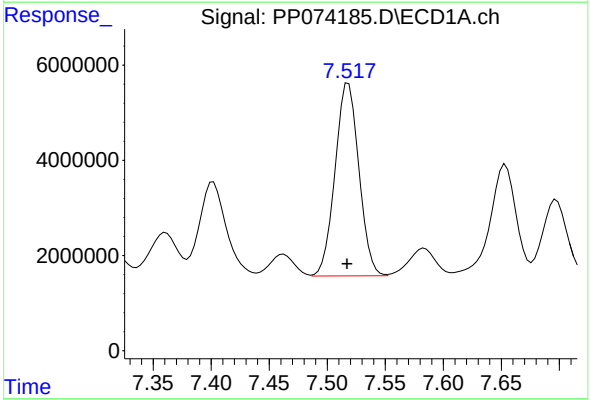
R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



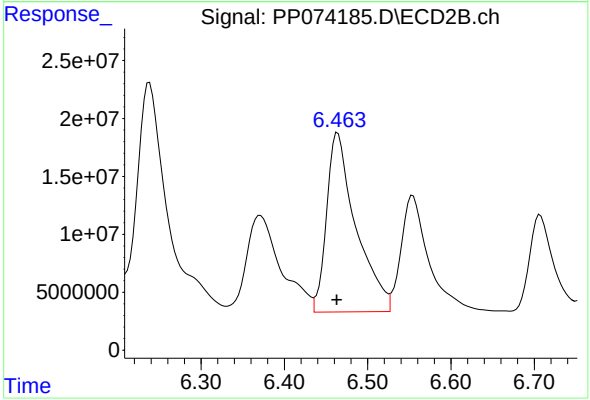
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



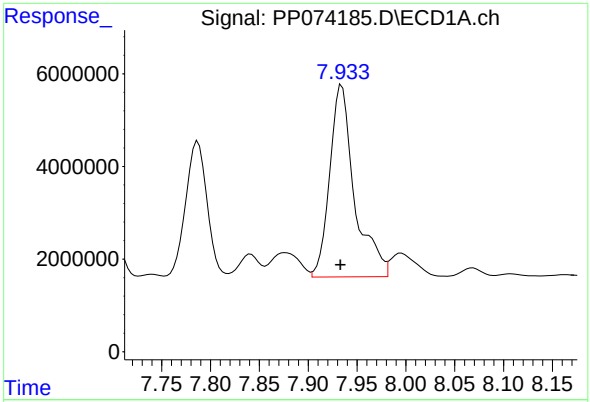
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

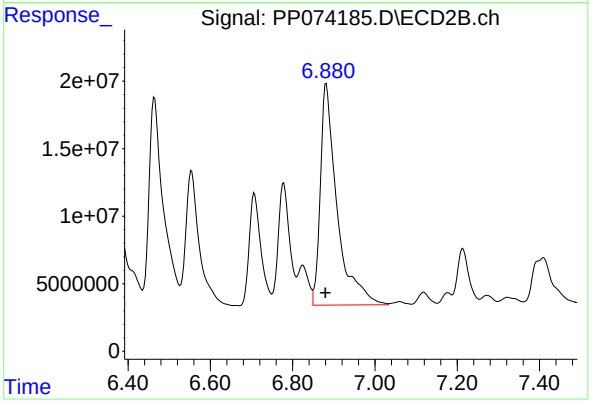
R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



#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.

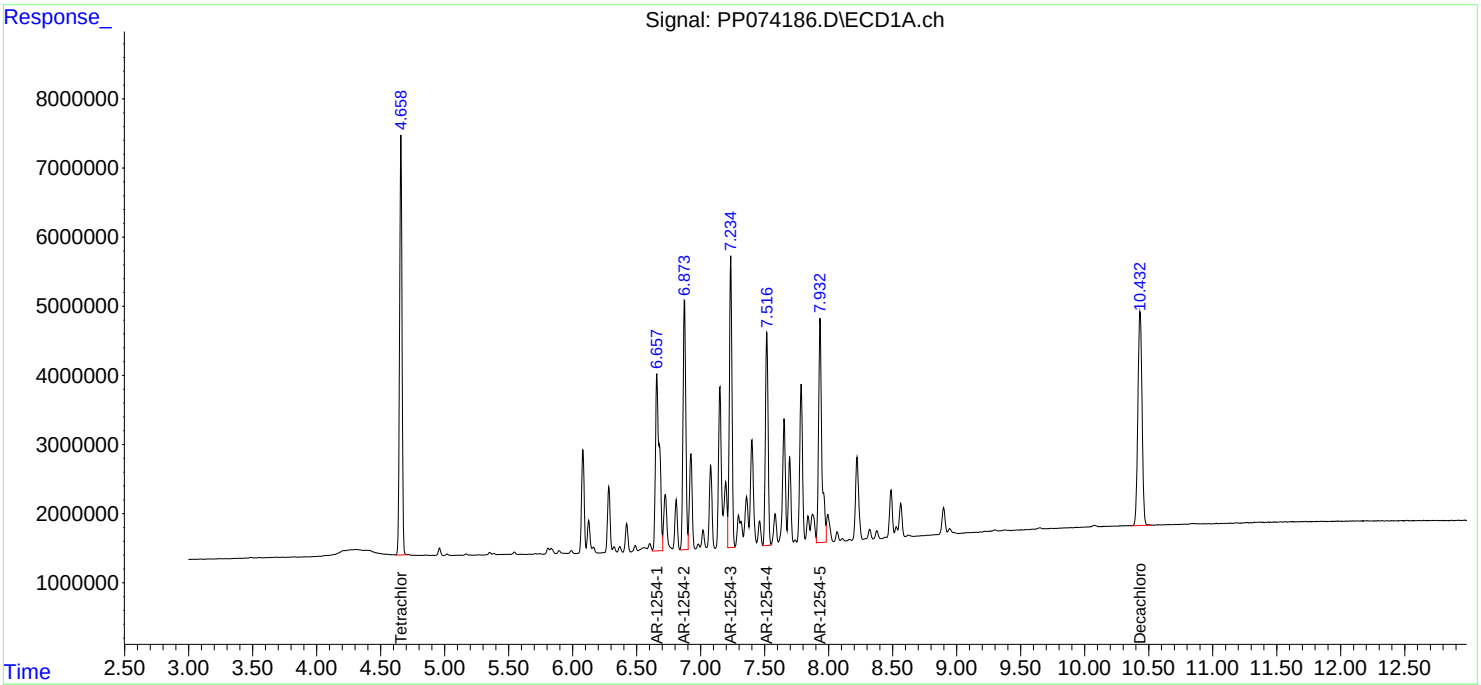
Quantitation Report (Not Reviewed)

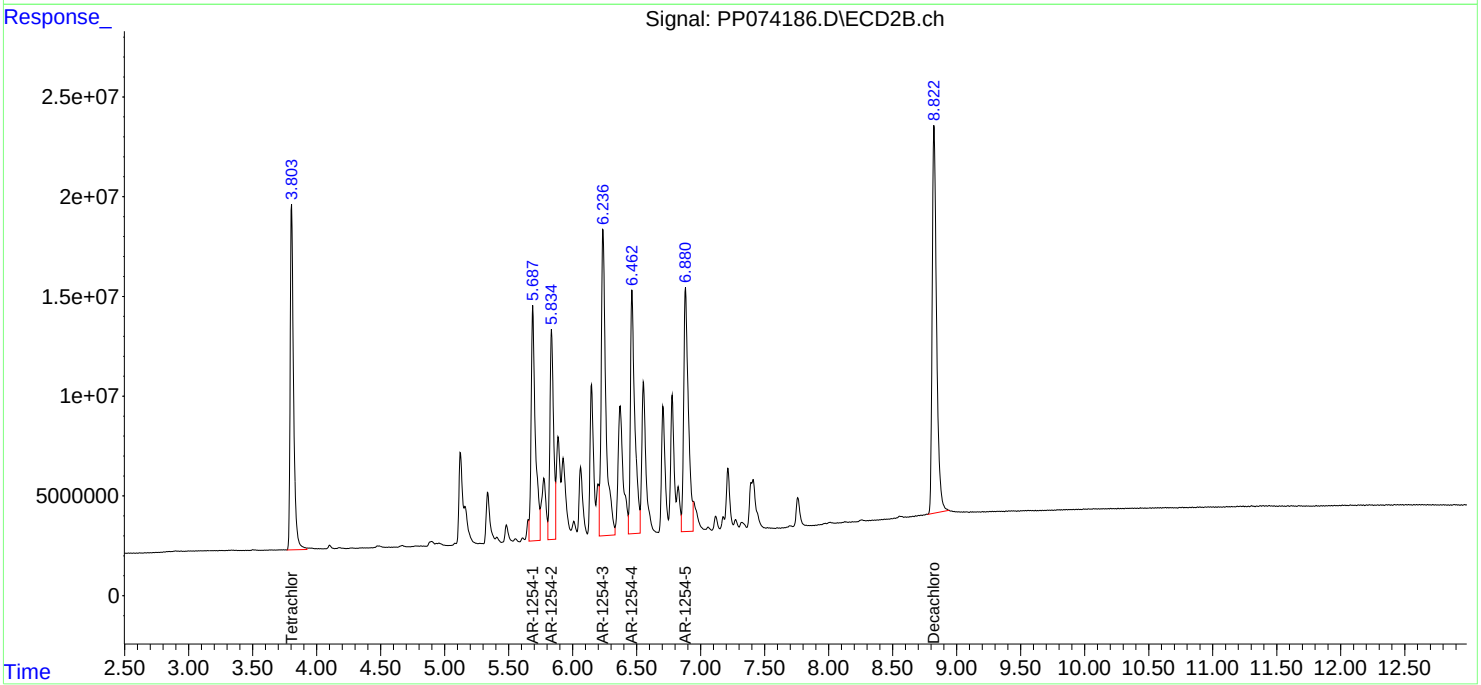
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

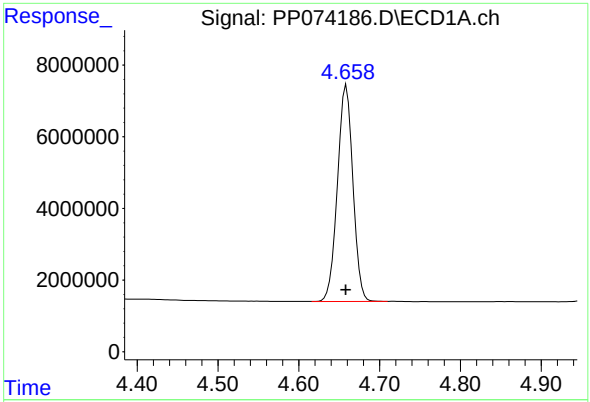
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

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



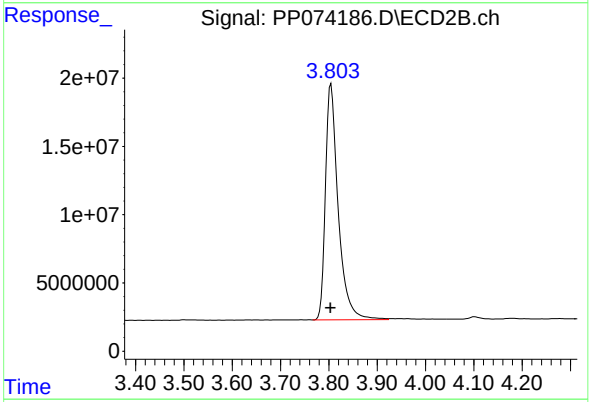




#1 Tetrachloro-m-xylene

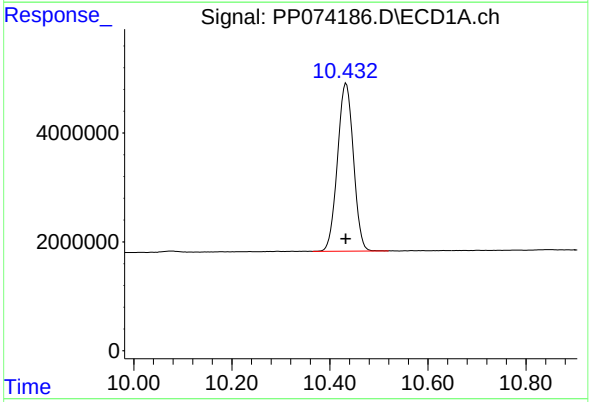
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



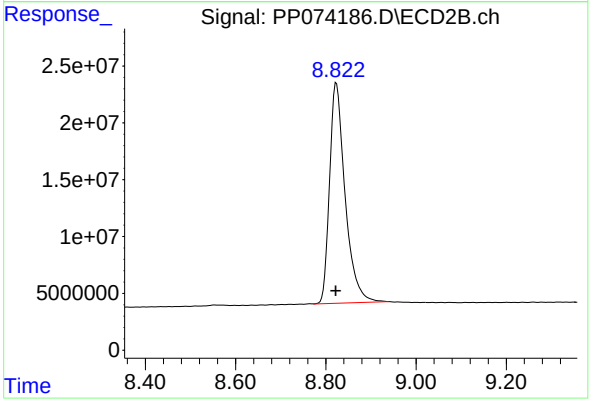
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



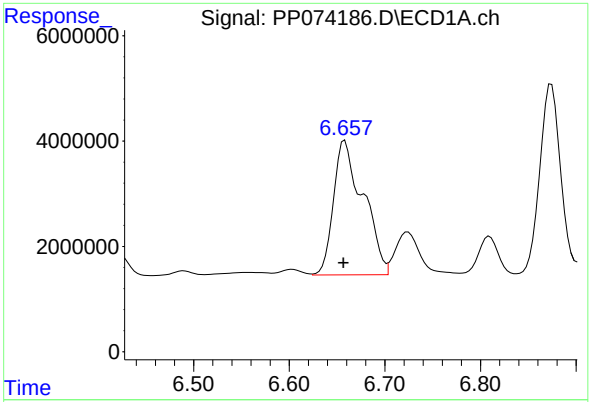
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

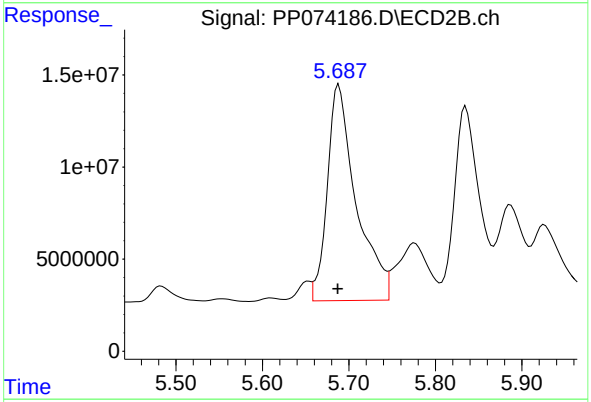
R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



#26 AR-1254-1

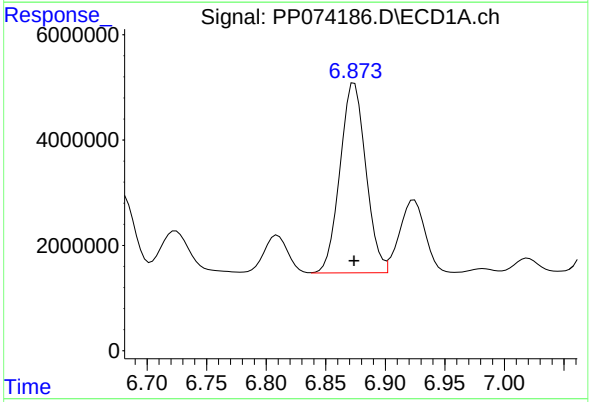
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 55036391
Conc: 1014.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



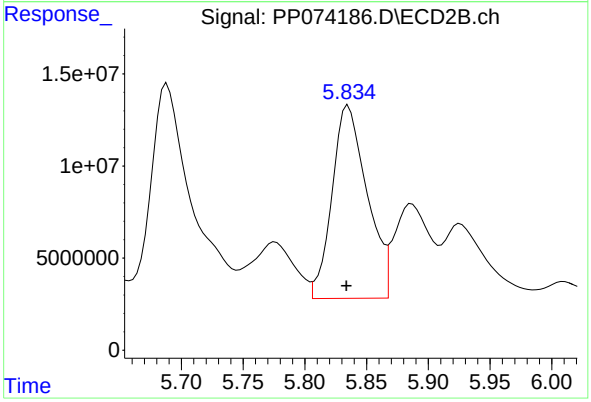
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



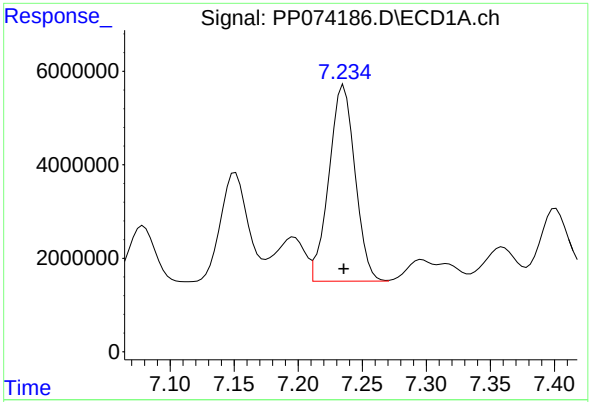
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

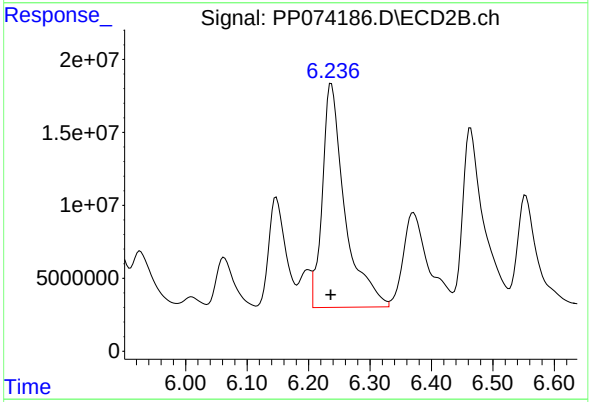
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



#28 AR-1254-3

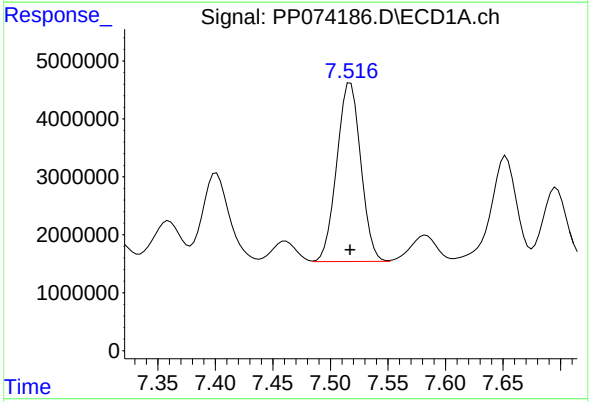
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



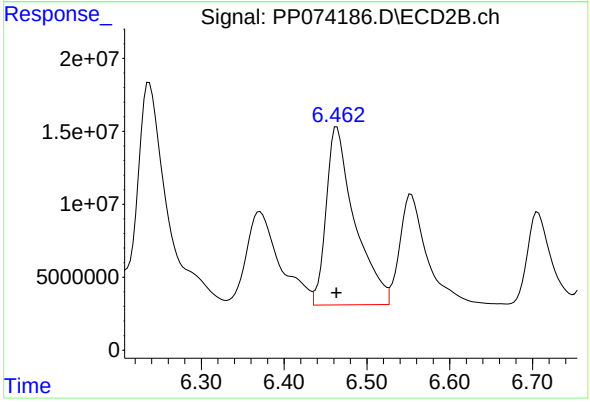
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



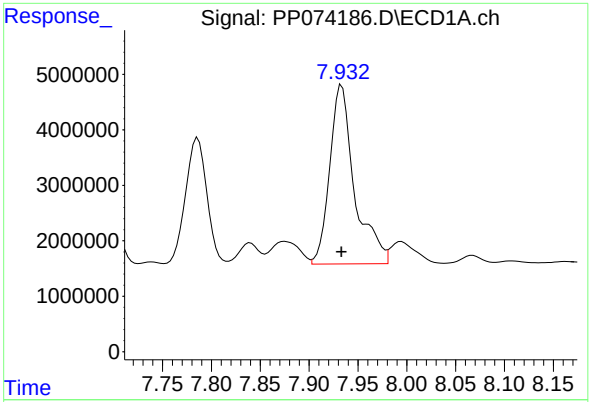
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

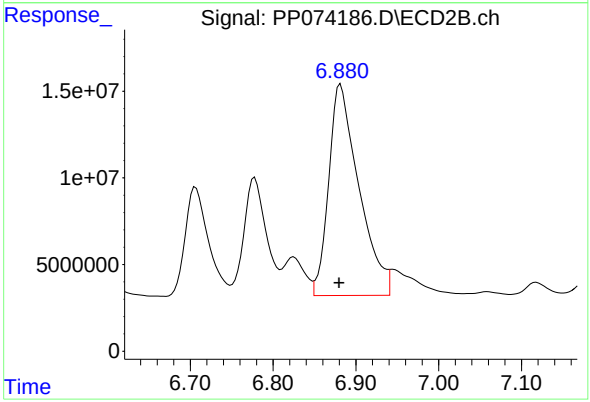
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



#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.

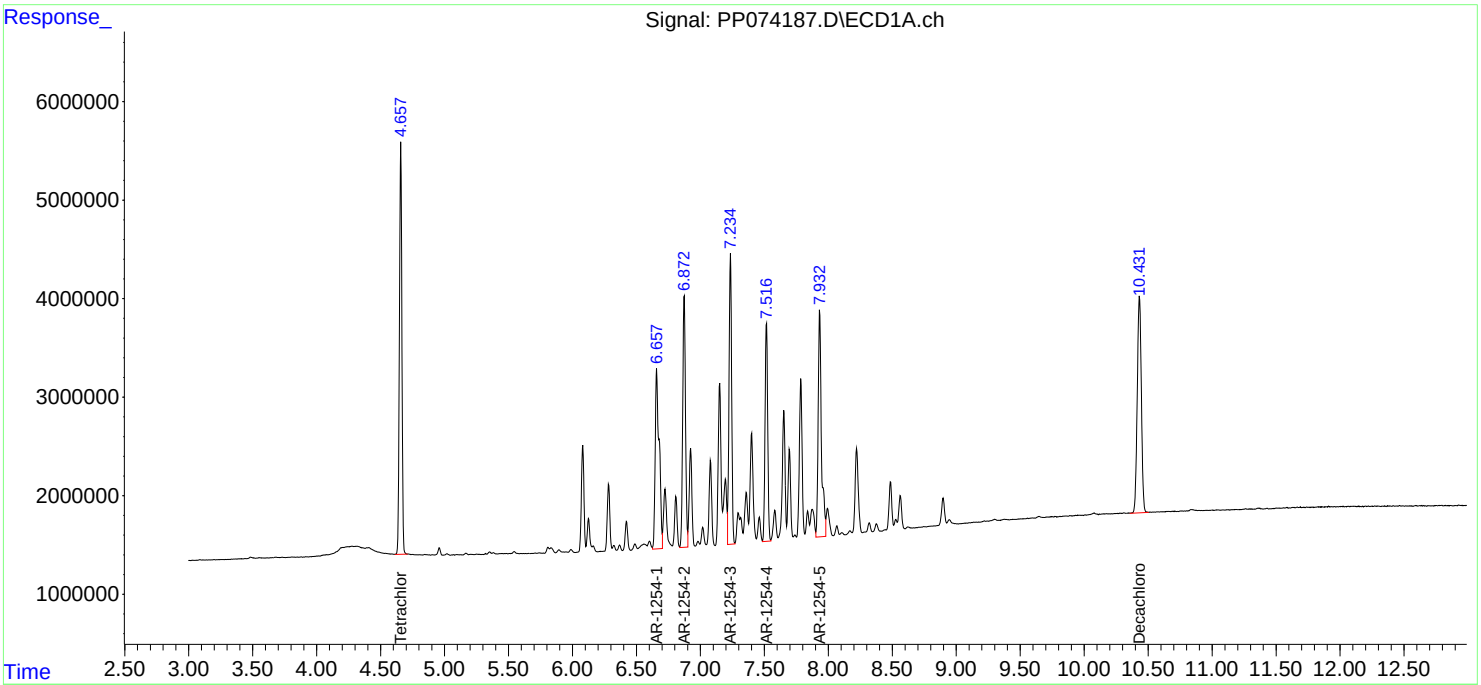
Quantitation Report (Not Reviewed)

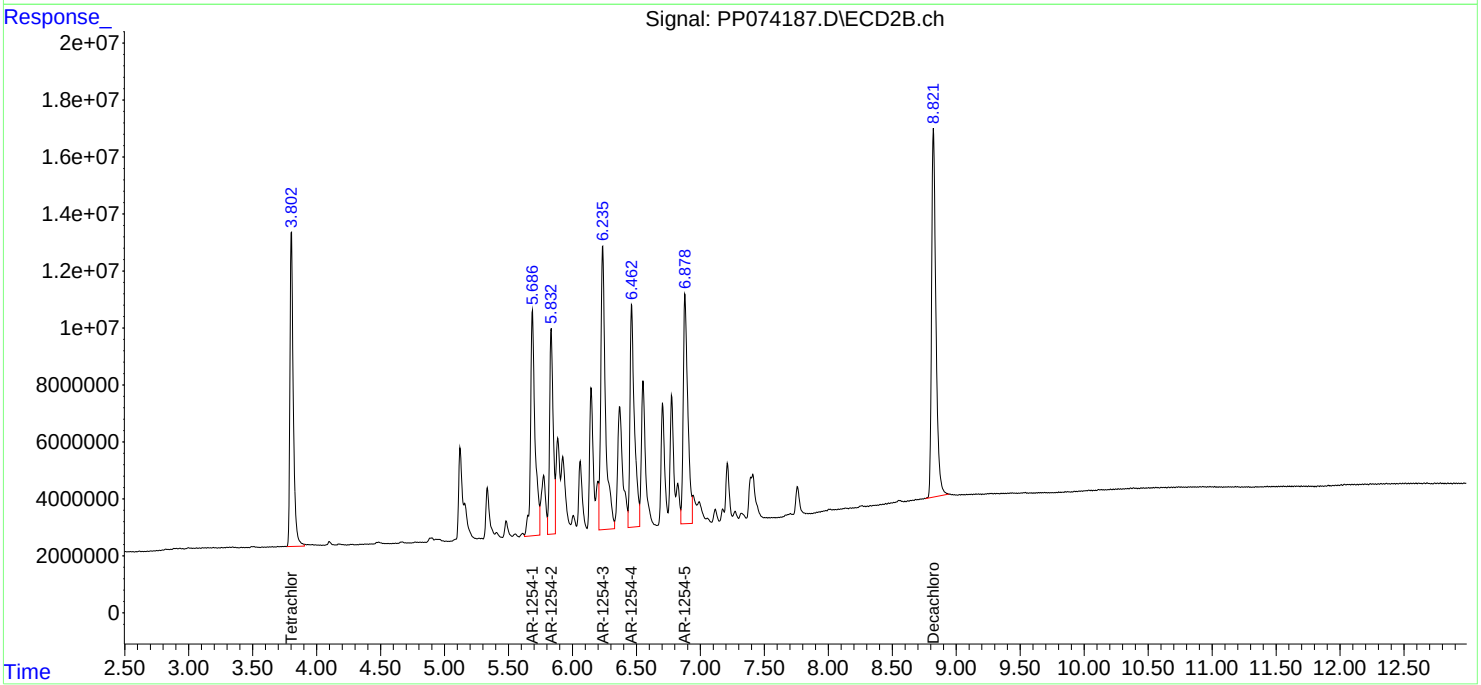
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

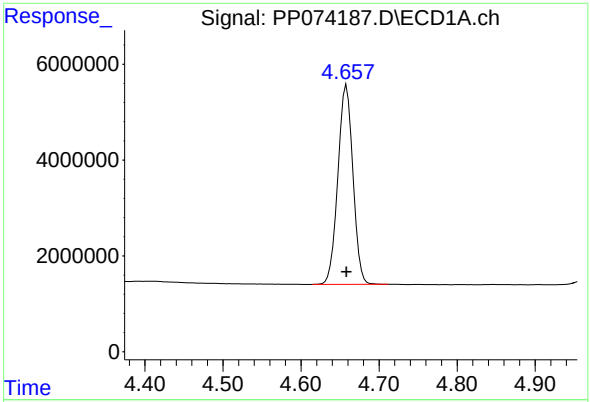
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

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



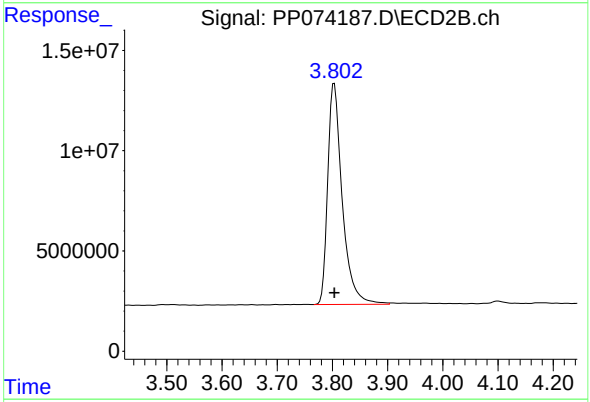




#1 Tetrachloro-m-xylene

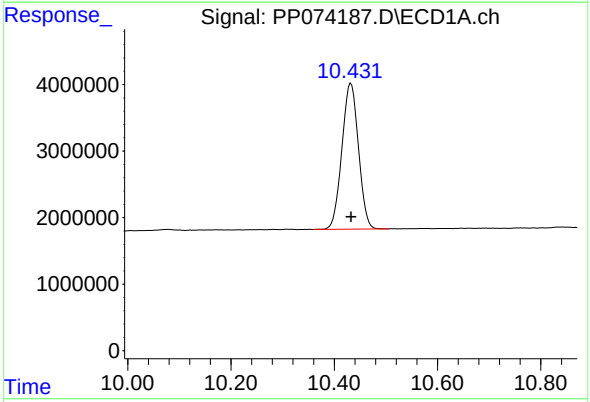
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



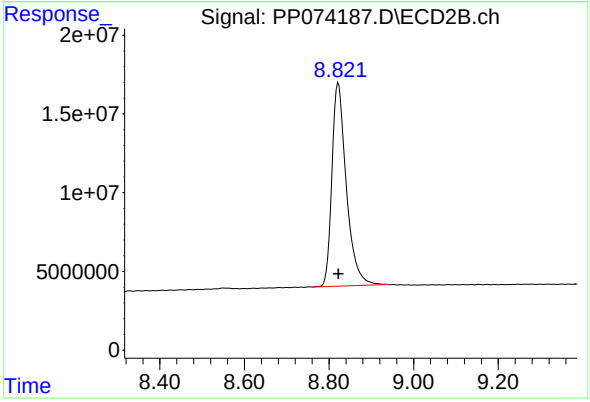
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



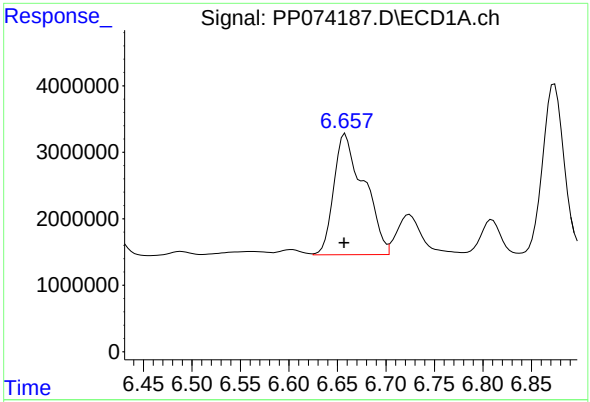
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

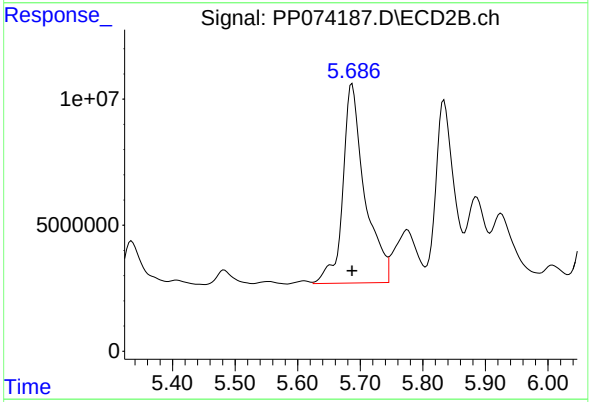
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



#26 AR-1254-1

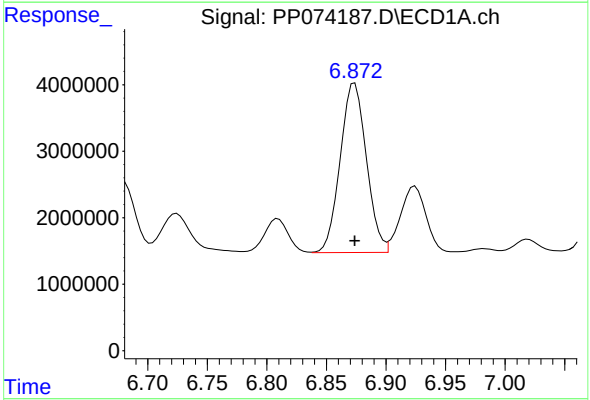
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 39387303
Conc: 726.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



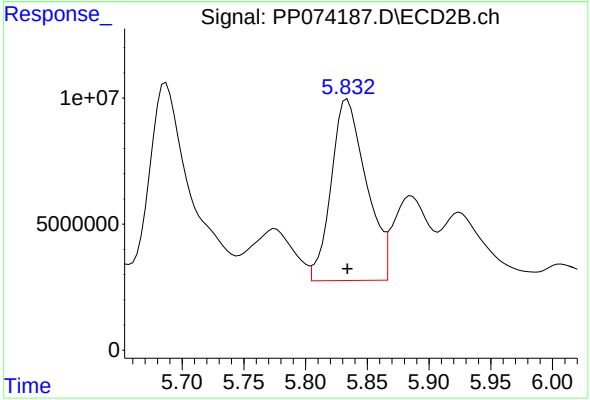
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



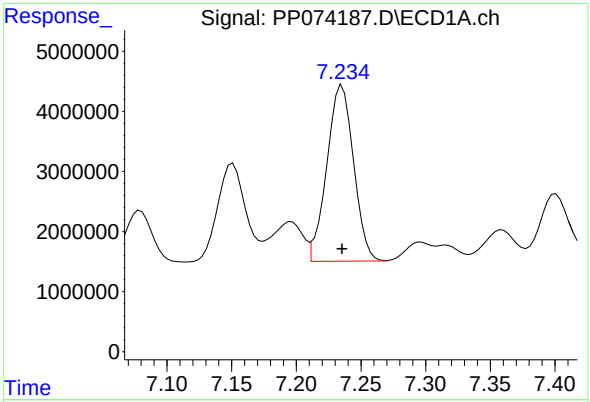
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

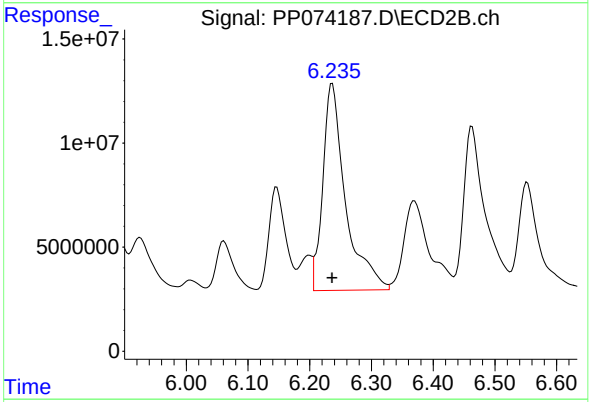
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



#28 AR-1254-3

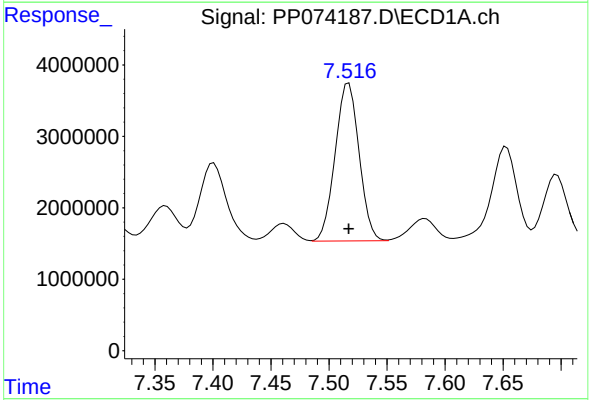
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



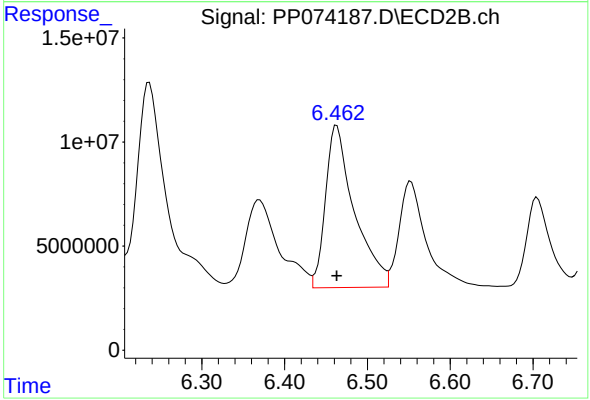
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



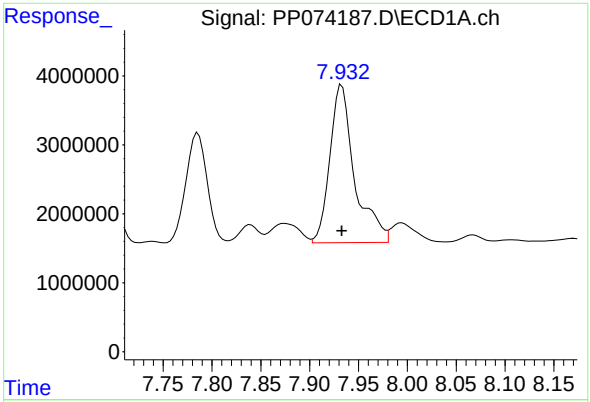
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

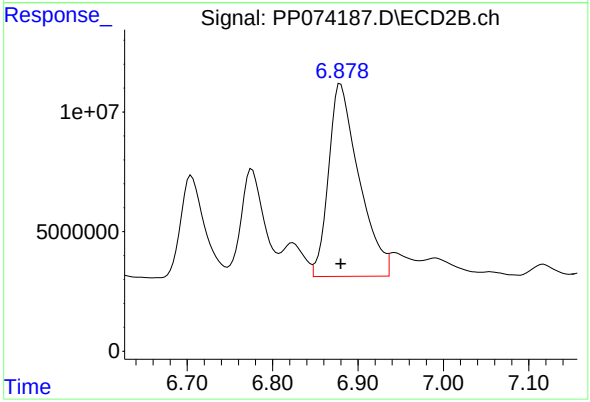
R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



#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

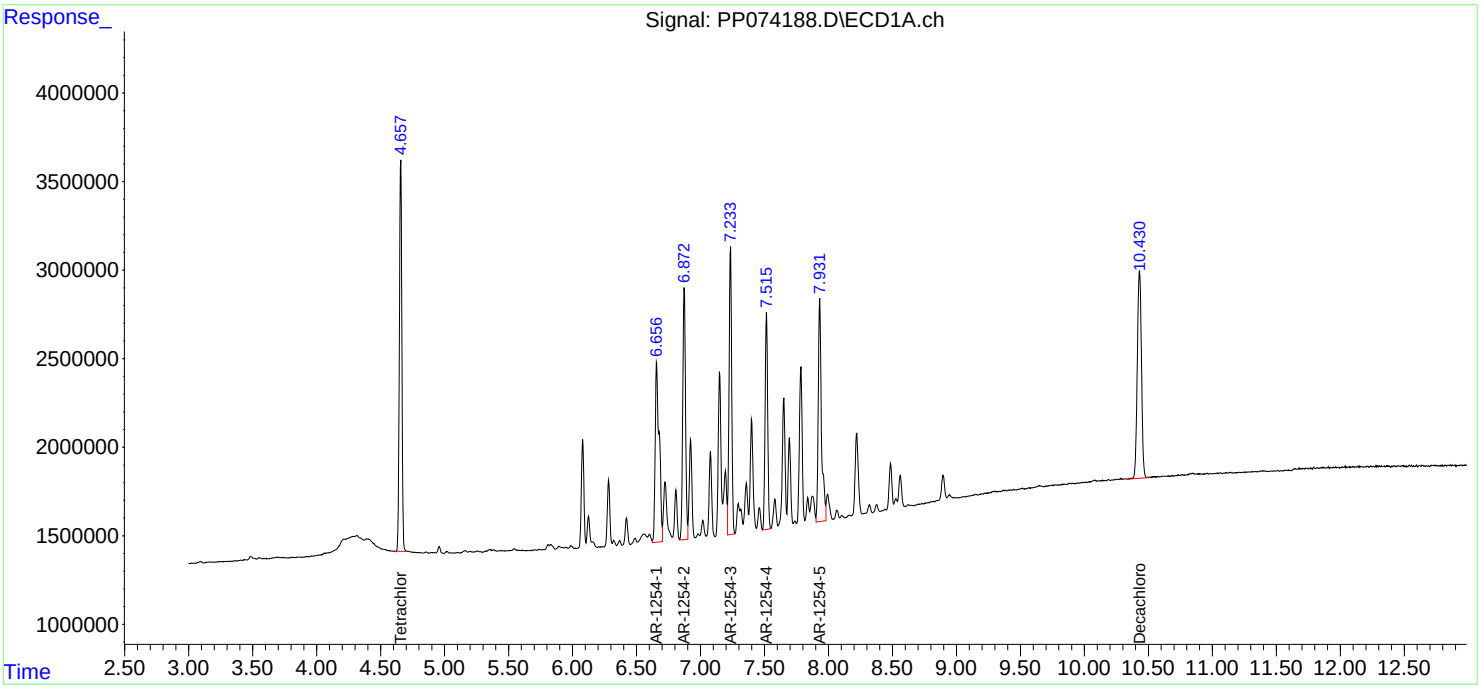
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

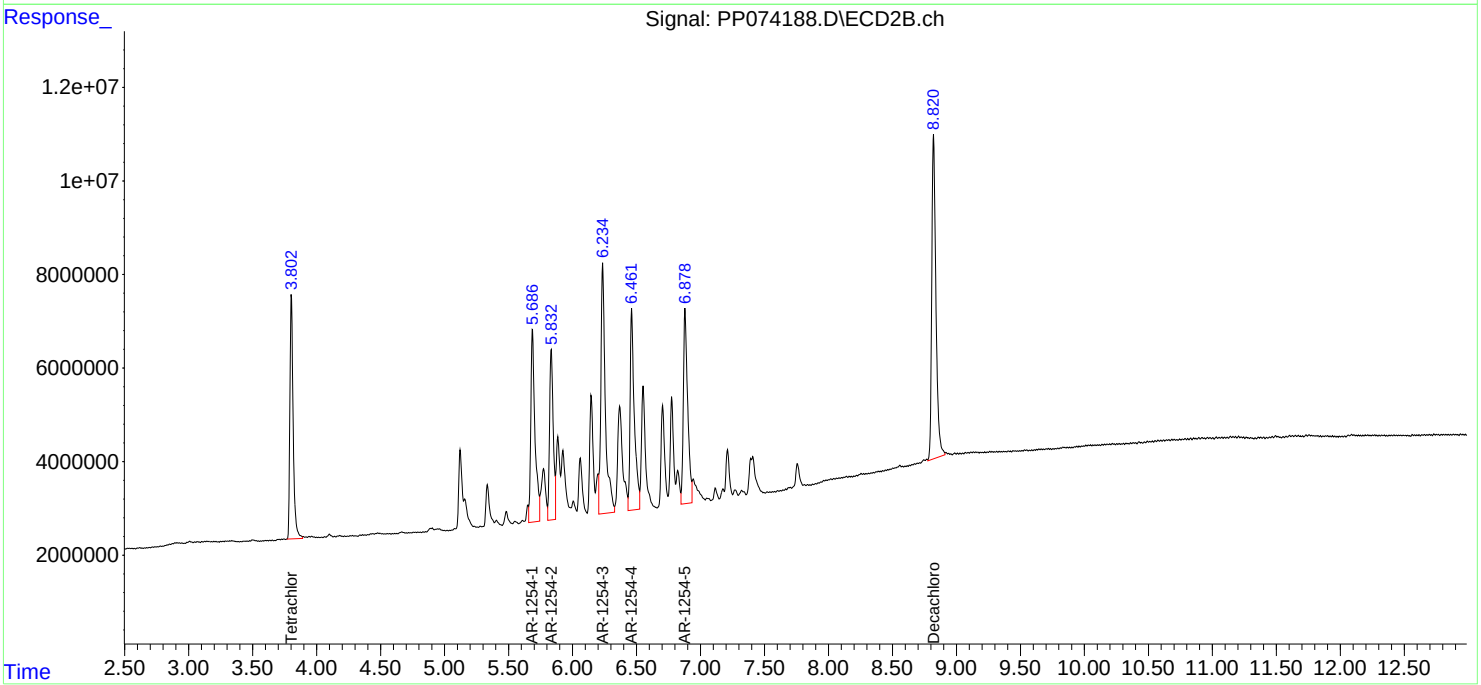
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

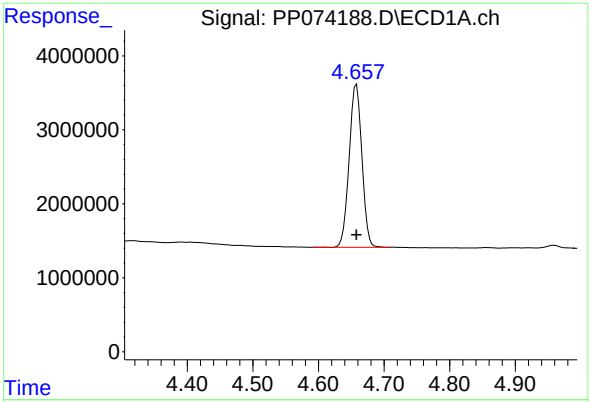
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

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



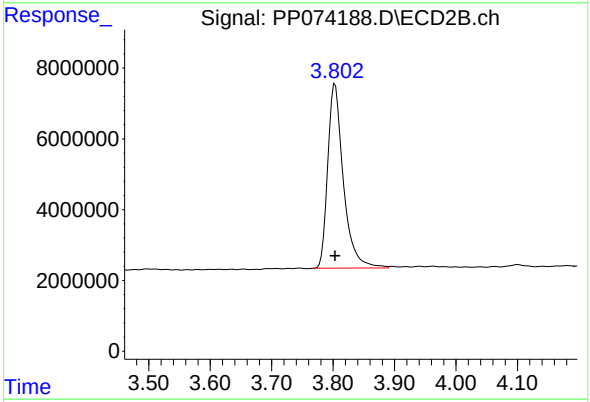




#1 Tetrachloro-m-xylene

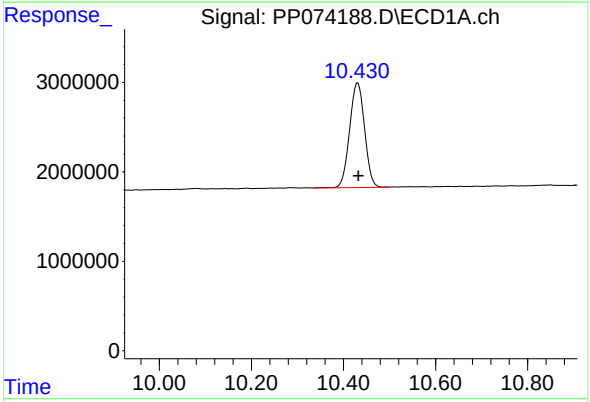
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



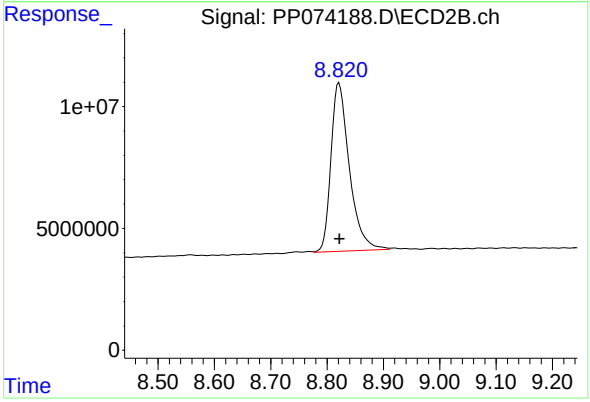
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



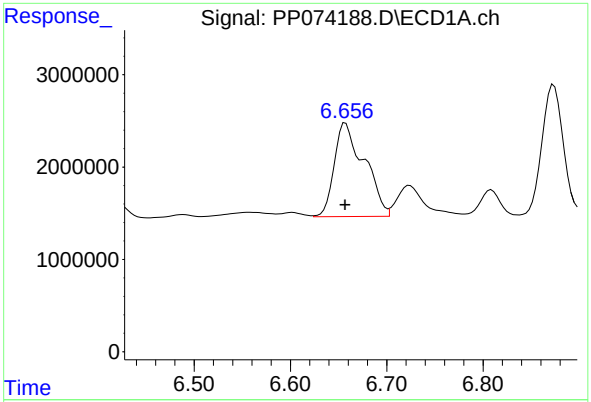
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

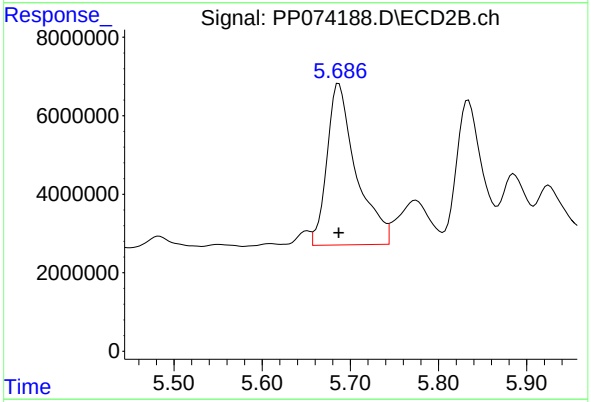
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



#26 AR-1254-1

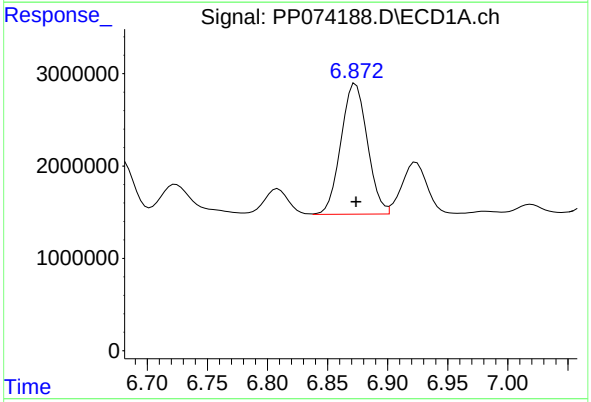
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 21966850
Conc: 405.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



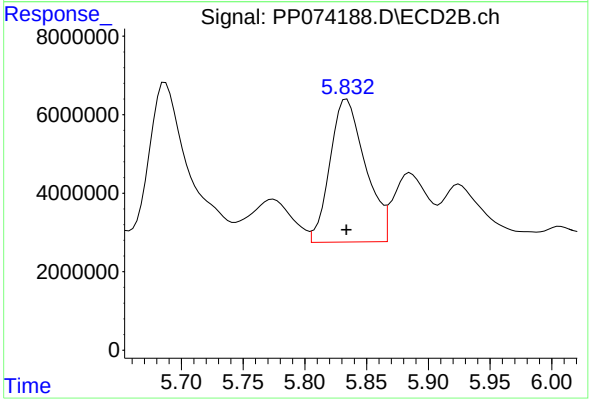
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



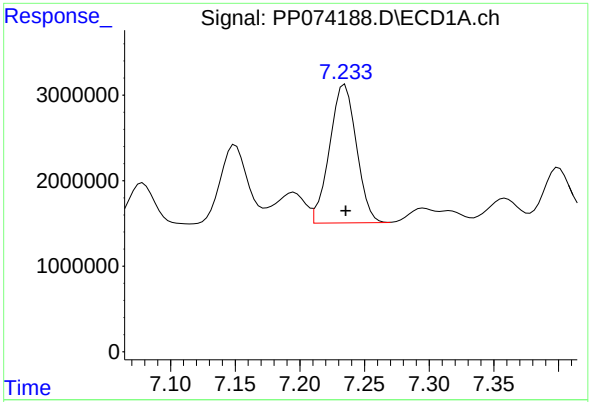
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml



#27 AR-1254-2

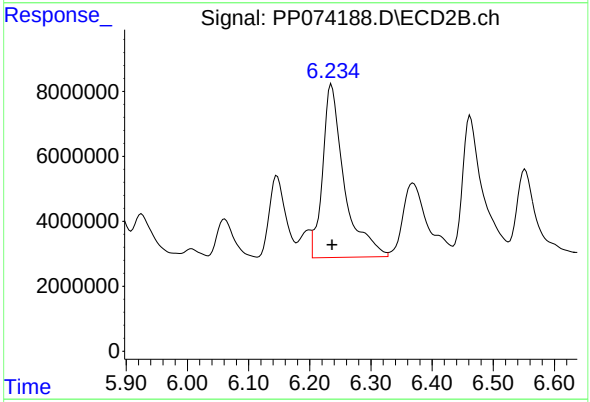
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml



#28 AR-1254-3

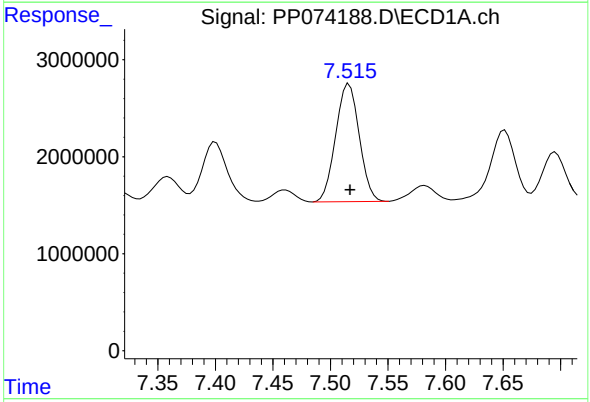
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



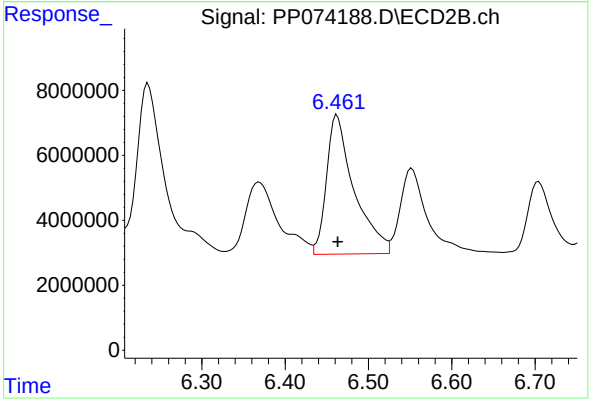
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



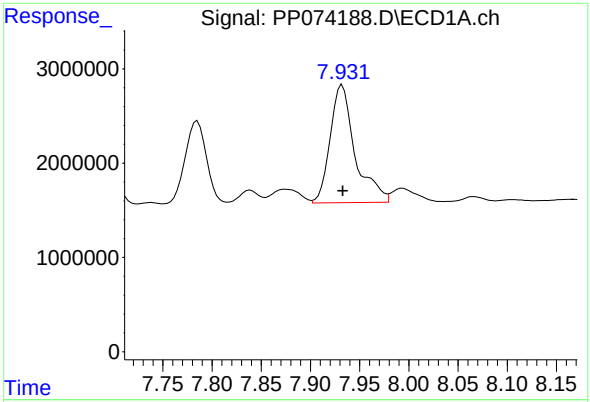
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

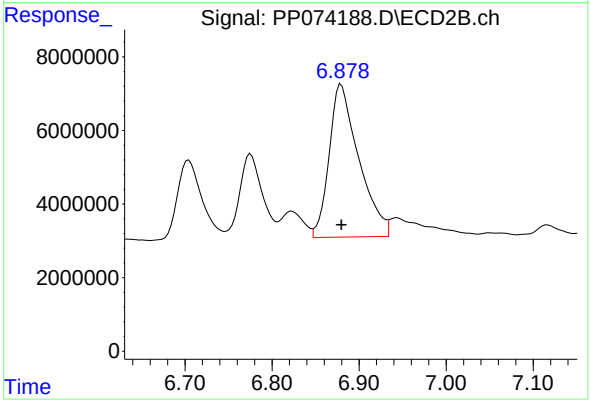
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



#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	#

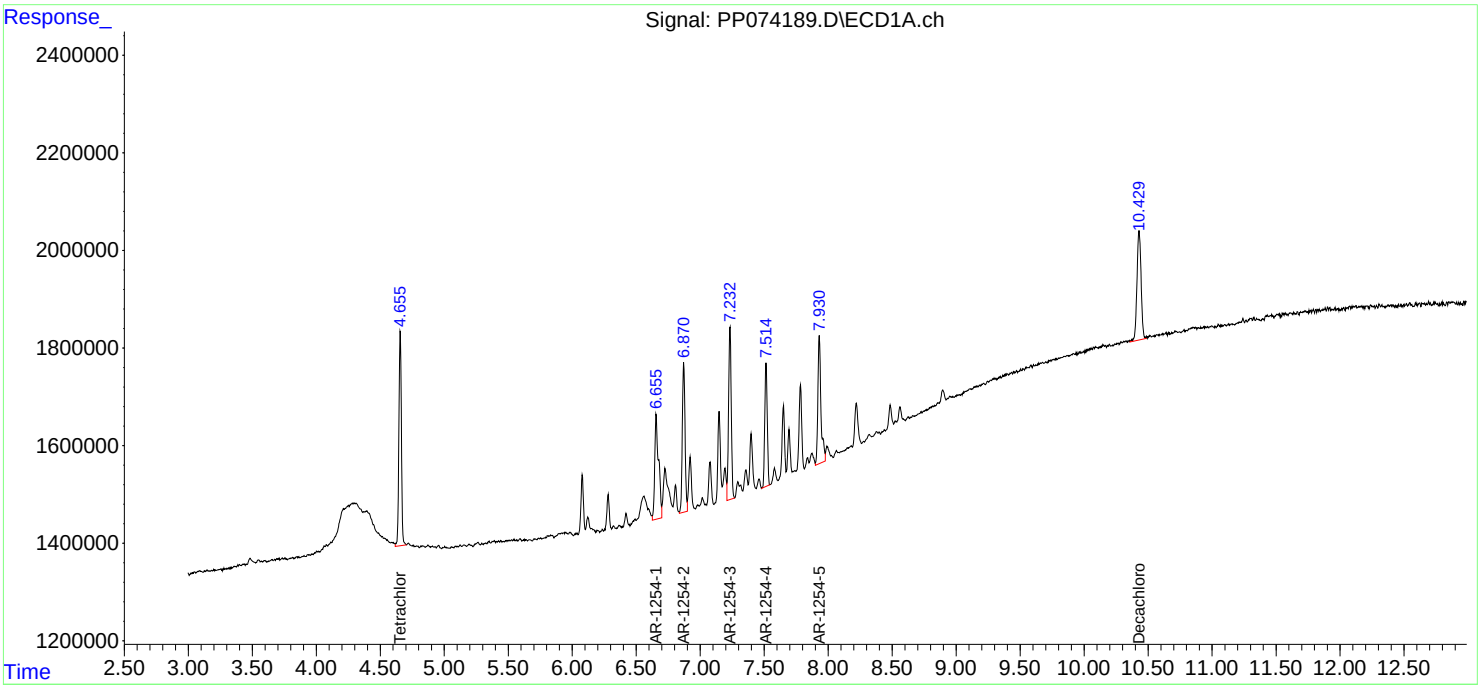
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

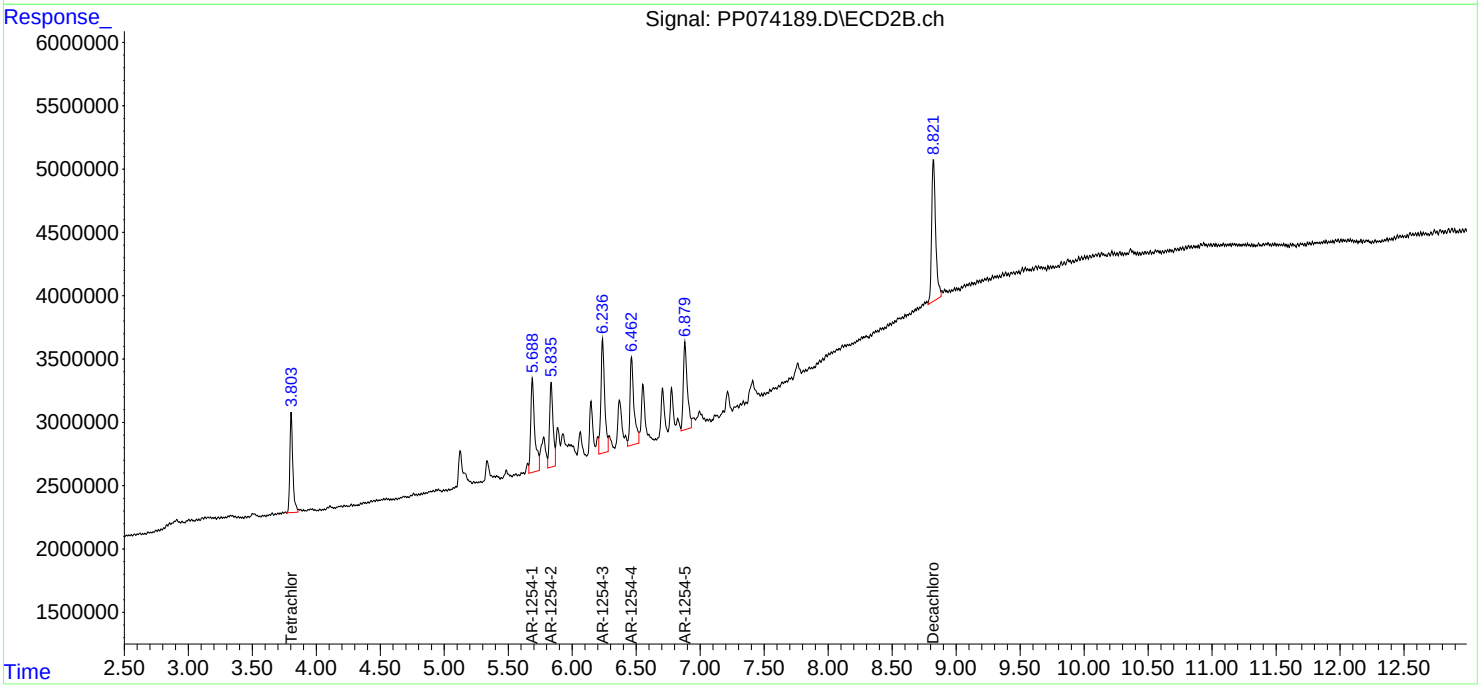
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

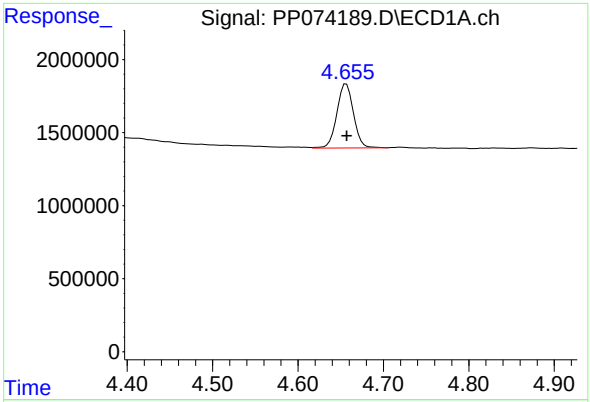
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

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



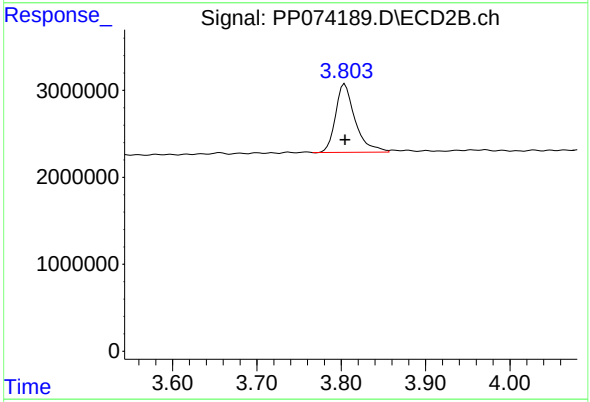




#1 Tetrachloro-m-xylene

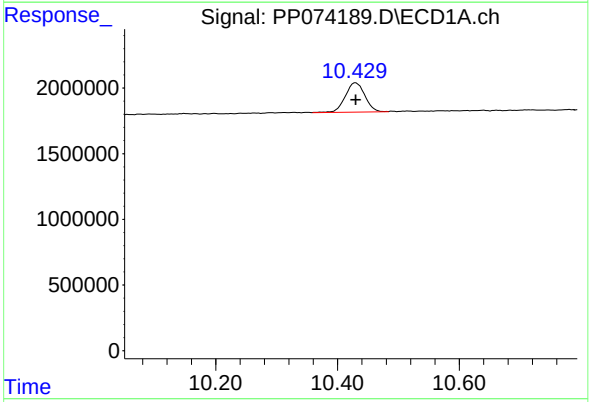
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



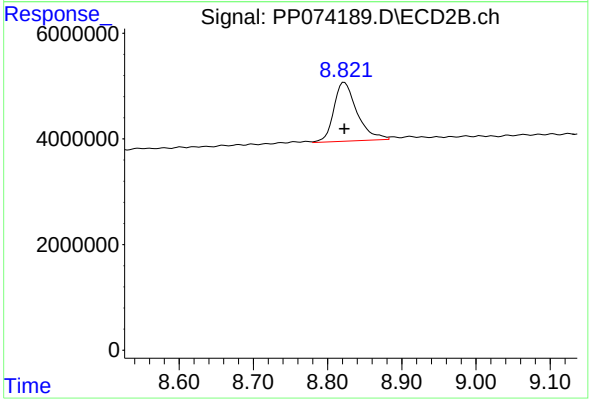
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



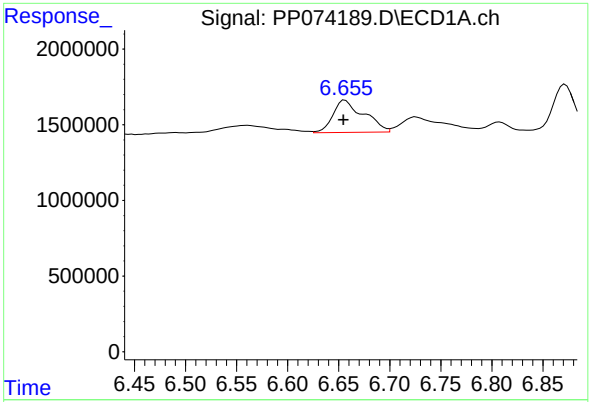
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

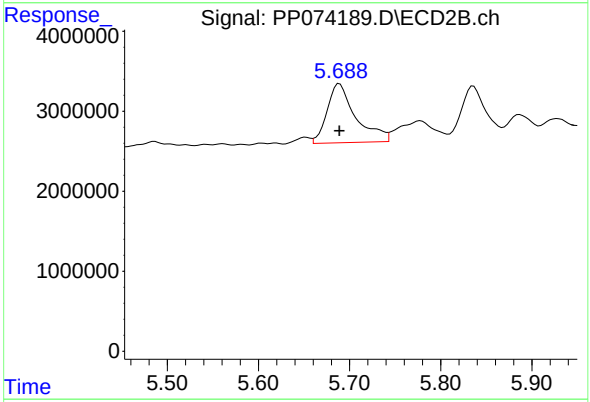
R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



#26 AR-1254-1

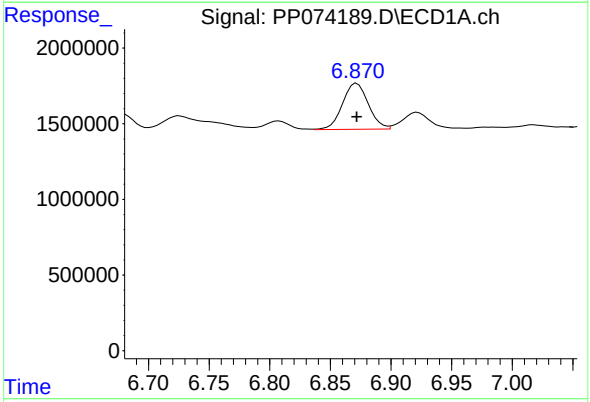
R.T.: 6.656 min
Delta R.T.: 0.001 min
Response: 4505164
Conc: 83.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



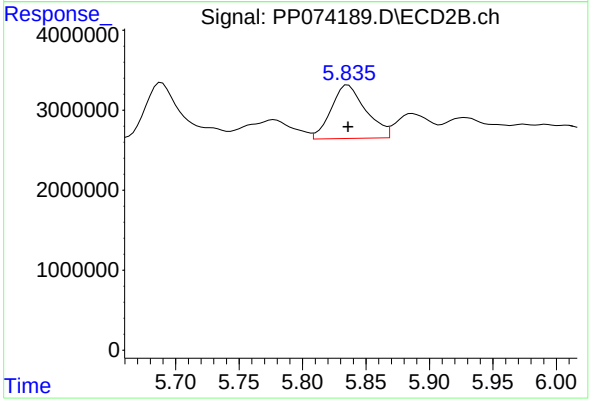
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



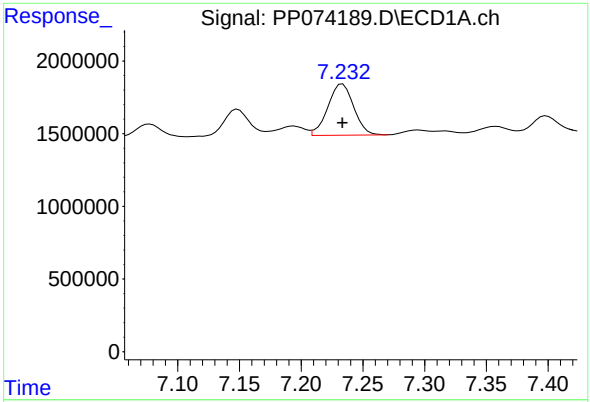
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

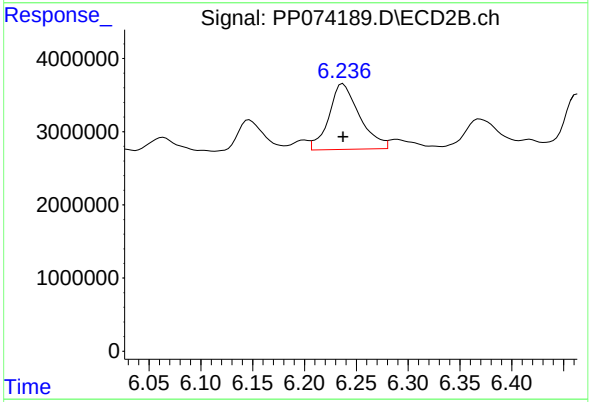
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



#28 AR-1254-3

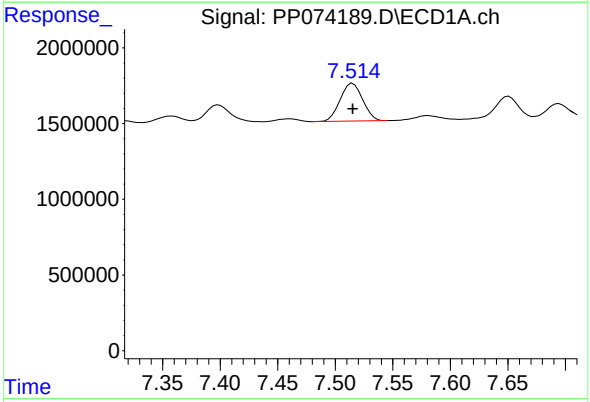
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



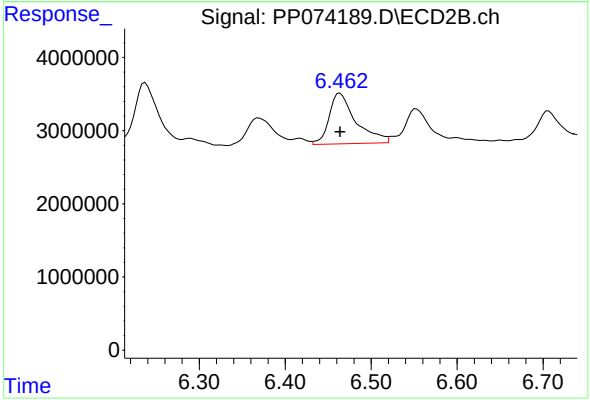
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



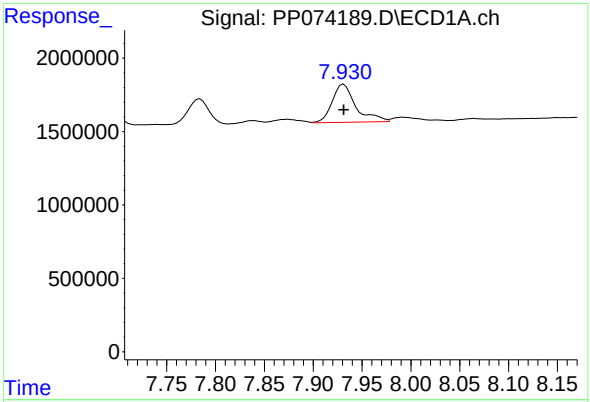
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

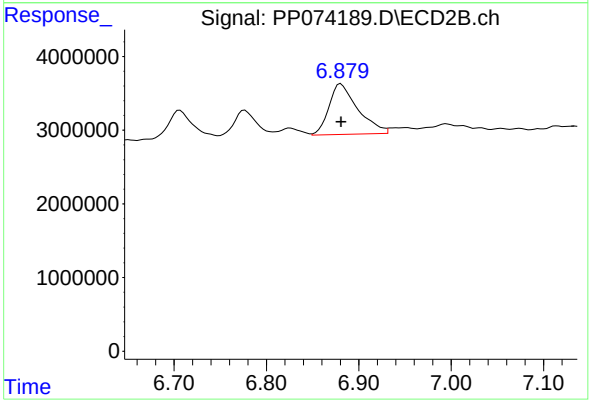
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



#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.

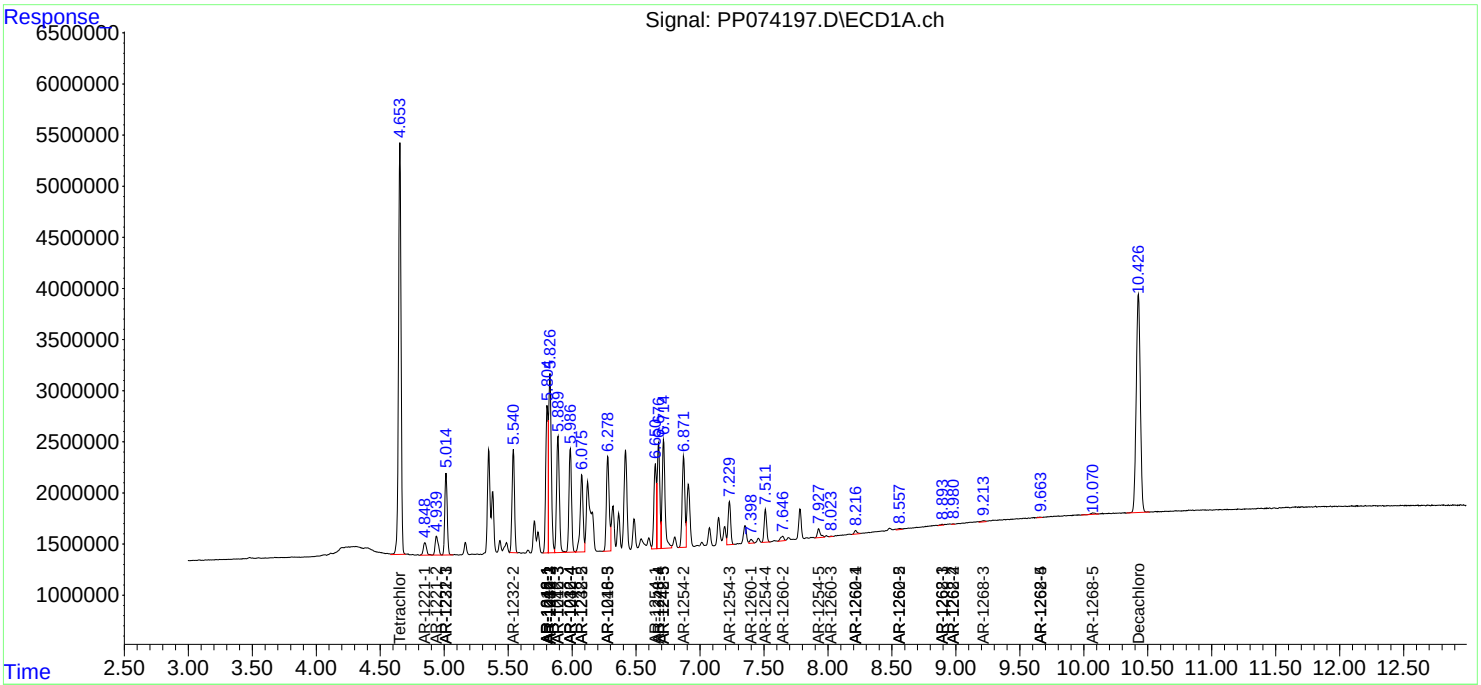
Quantitation Report (Not Reviewed)

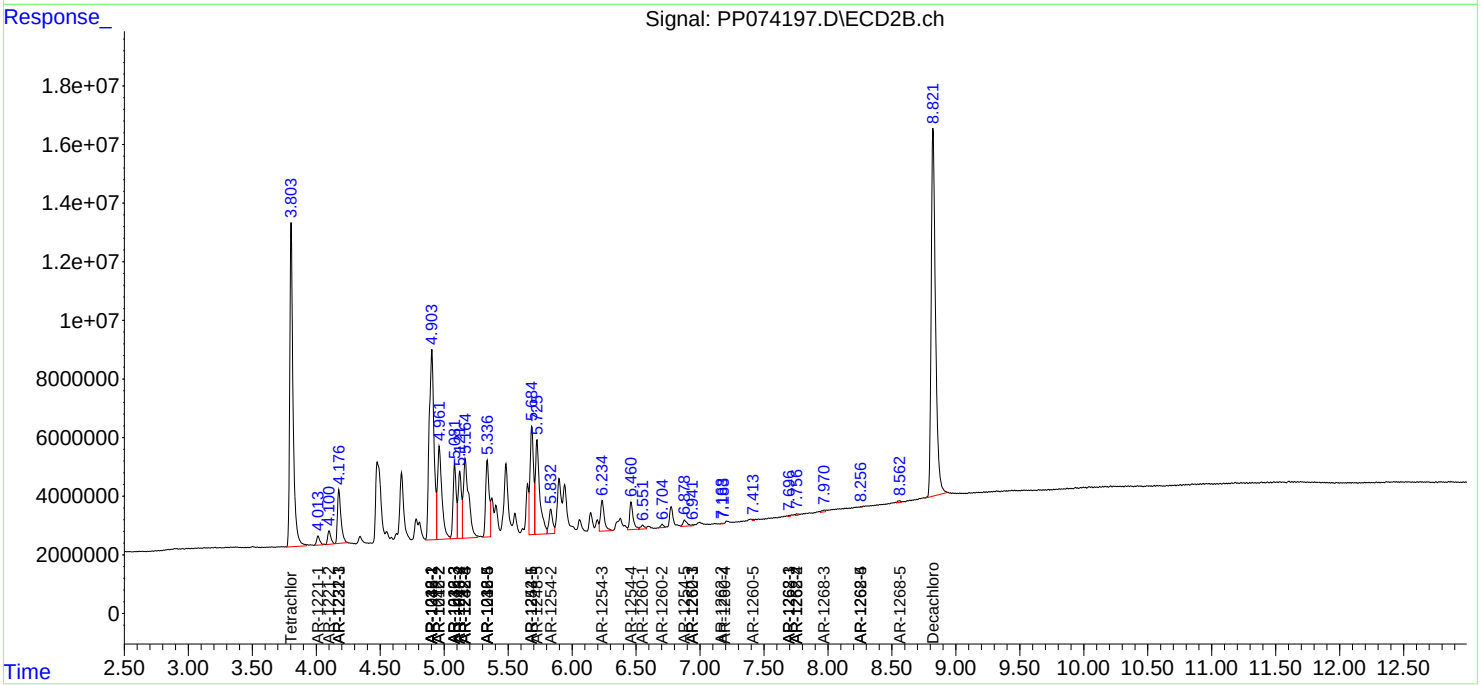
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

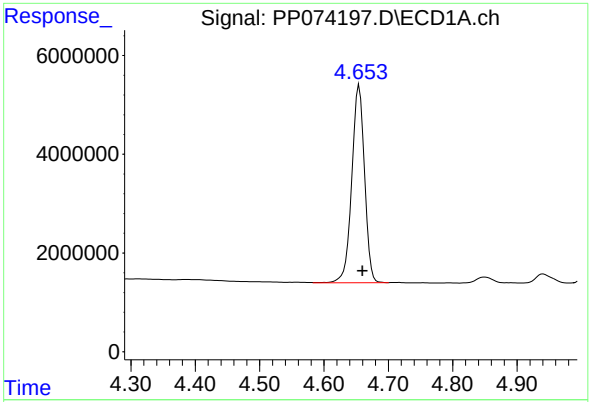
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

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



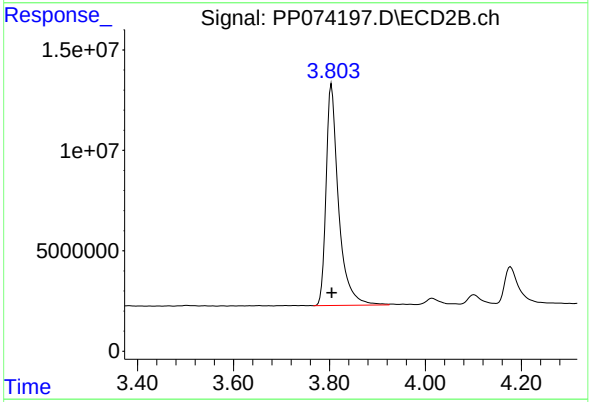




#1 Tetrachloro-m-xylene

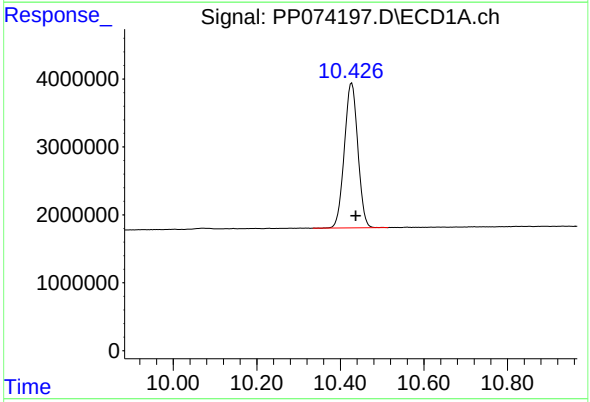
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



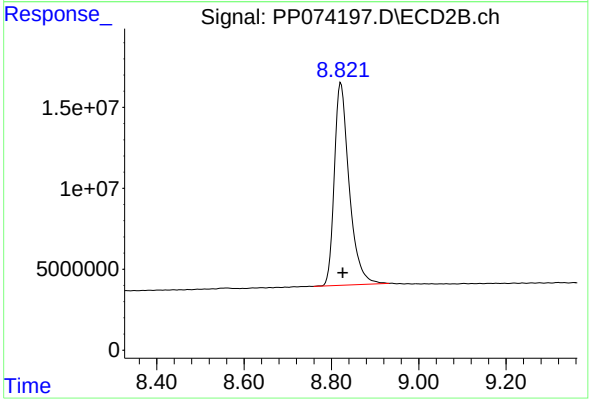
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



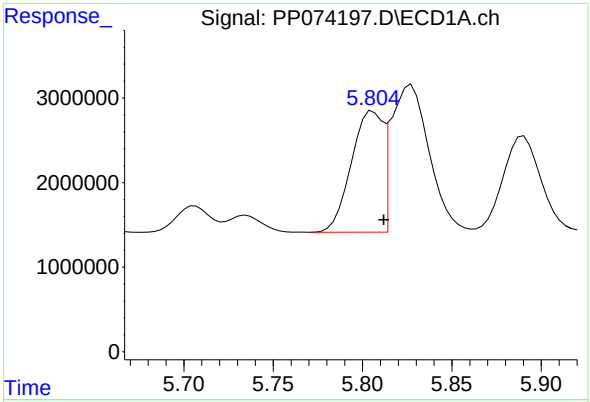
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

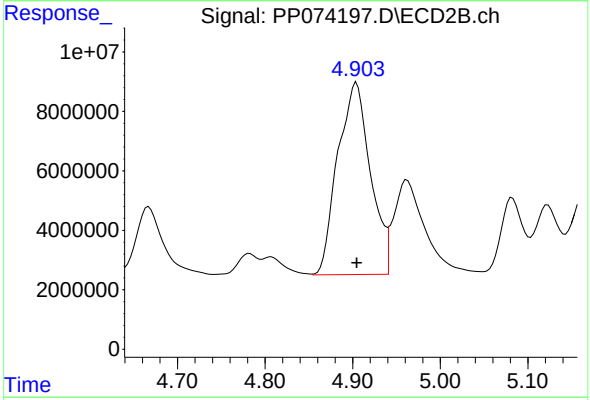
R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



#3 AR-1016-1

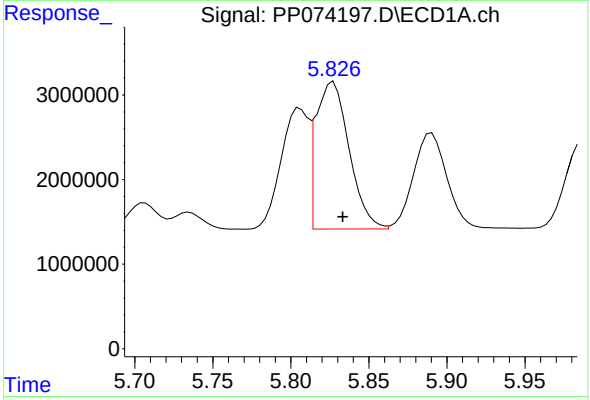
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 17499270
Conc: 424.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



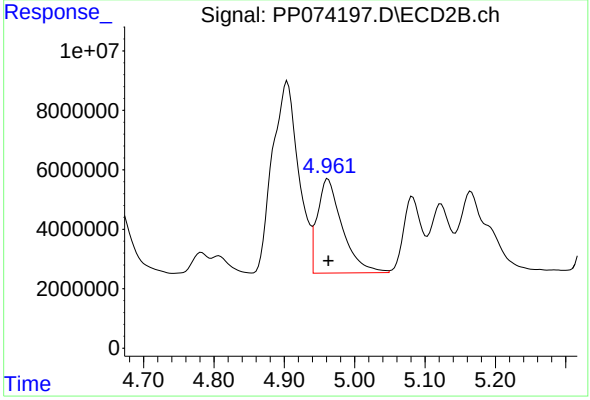
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 419.61 ng/ml



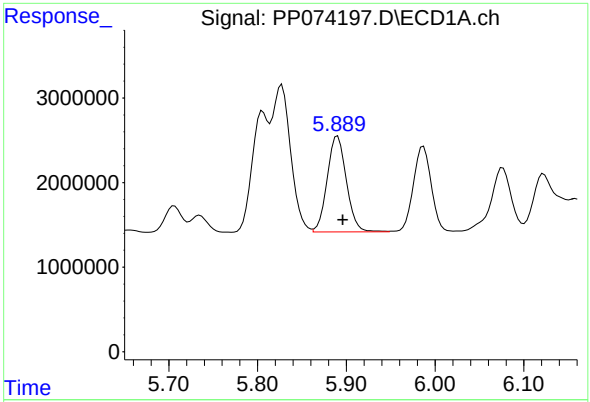
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 25894594
Conc: 426.31 ng/ml



#4 AR-1016-2

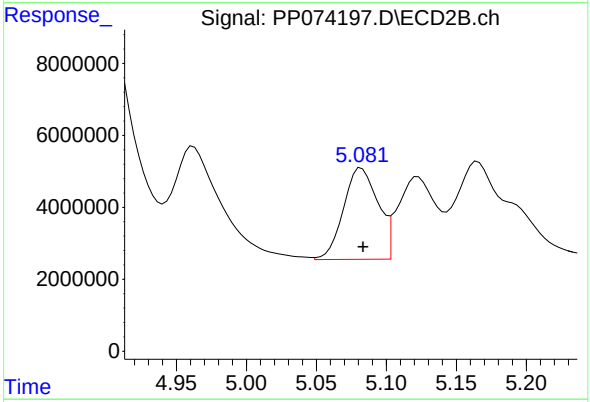
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 414.58 ng/ml



#5 AR-1016-3

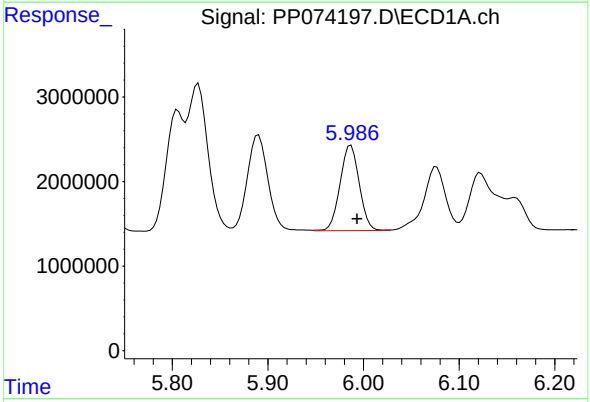
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 17050061
Conc: 429.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



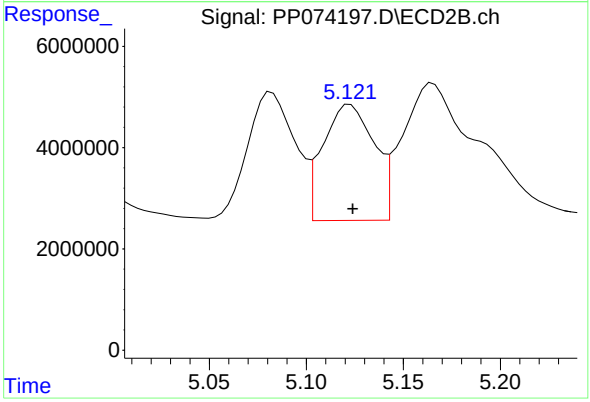
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 43676713
Conc: 411.77 ng/ml



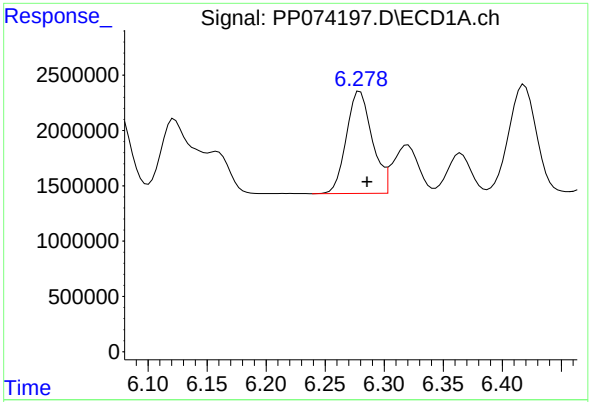
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 433.99 ng/ml



#6 AR-1016-4

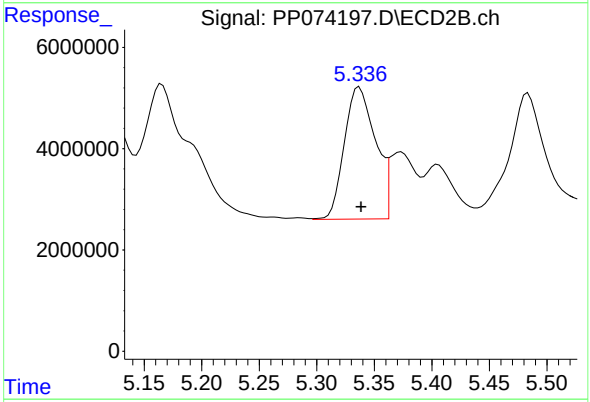
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 42005219
Conc: 384.59 ng/ml



#7 AR-1016-5

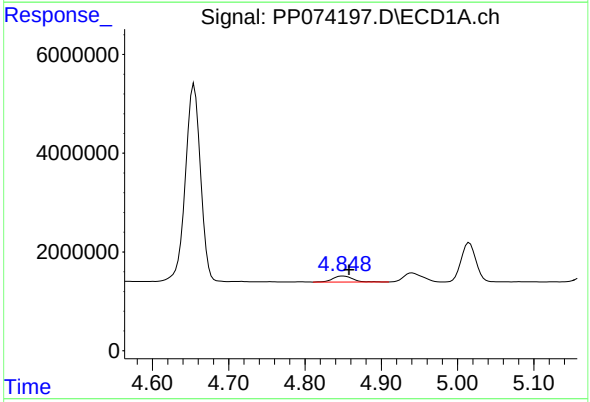
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 432.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



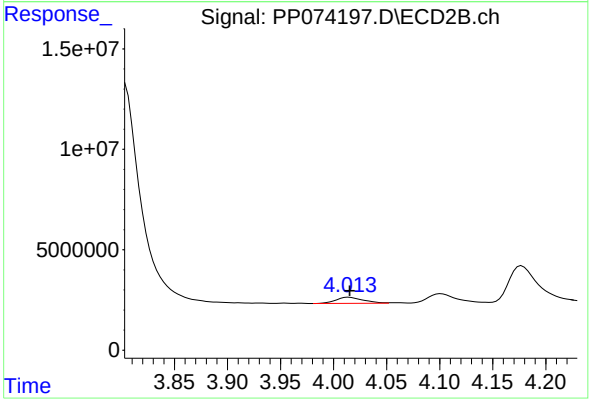
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 49362976
Conc: 422.04 ng/ml



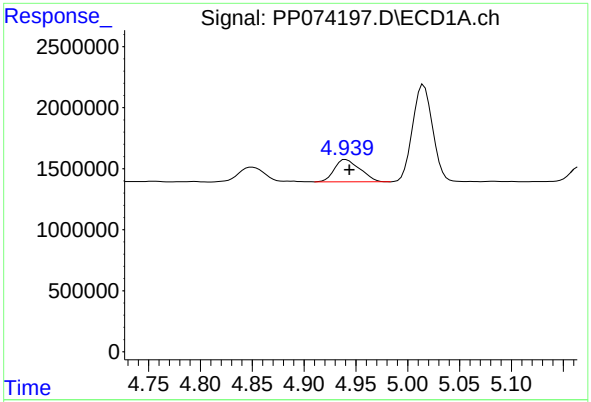
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.008 min
Response: 2188169
Conc: 130.53 ng/ml



#8 AR-1221-1

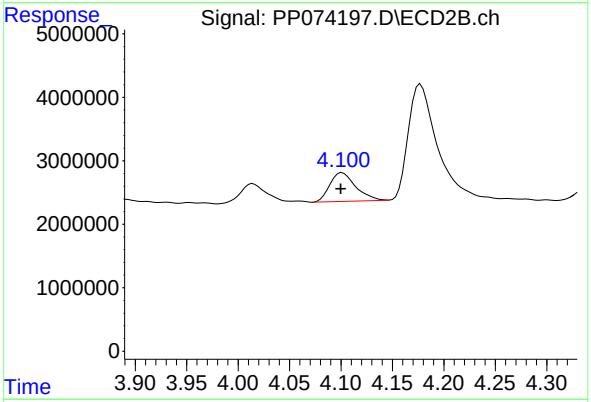
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 5427967
Conc: 110.58 ng/ml



#9 AR-1221-2

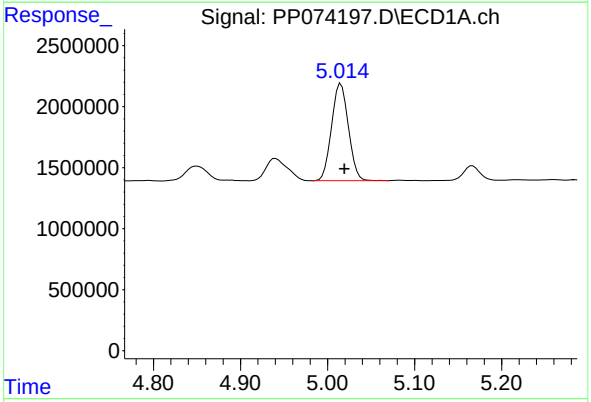
R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 3152368
Conc: 250.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



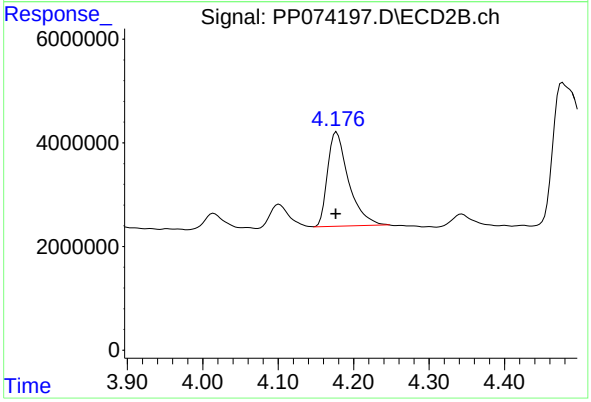
#9 AR-1221-2

R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 7977800
Conc: 222.29 ng/ml



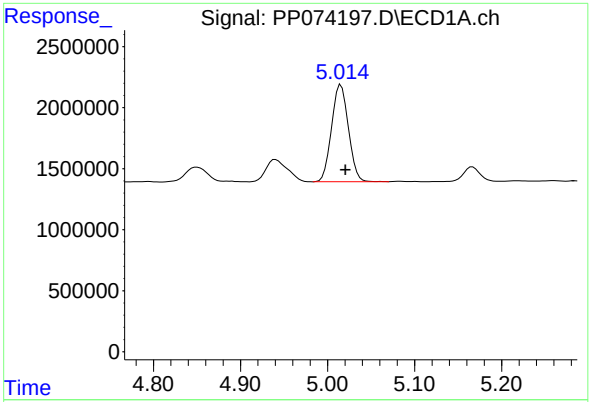
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 10712240
Conc: 292.40 ng/ml



#10 AR-1221-3

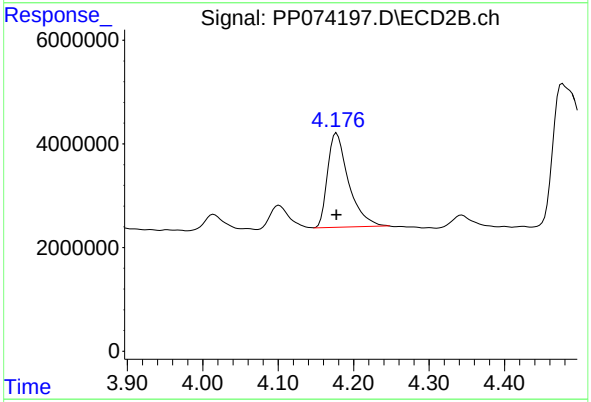
R.T.: 4.177 min
Delta R.T.: 0.001 min
Response: 35262086
Conc: 260.77 ng/ml



#11 AR-1232-1

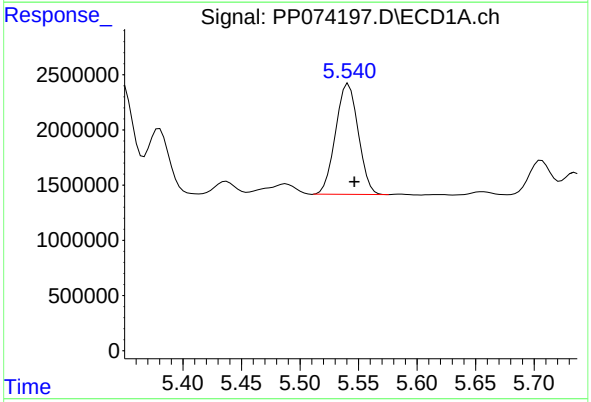
R.T.: 5.015 min
Delta R.T.: -0.005 min
Response: 10712240
Conc: 368.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



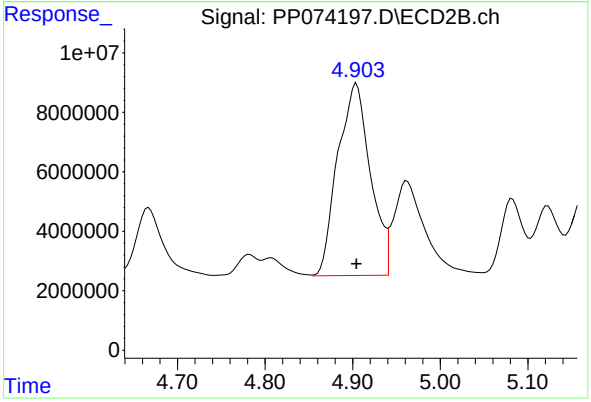
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 35262086
Conc: 347.88 ng/ml



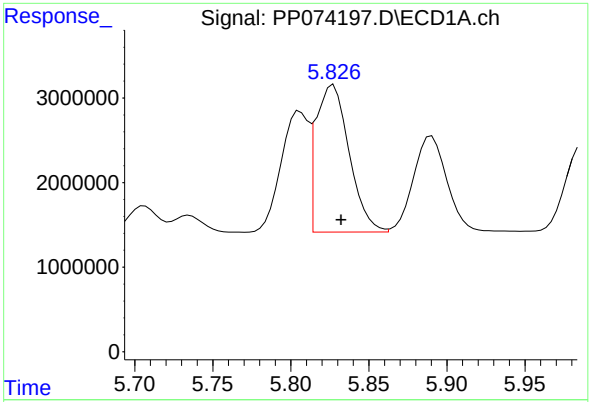
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 13527303
Conc: 899.26 ng/ml



#12 AR-1232-2

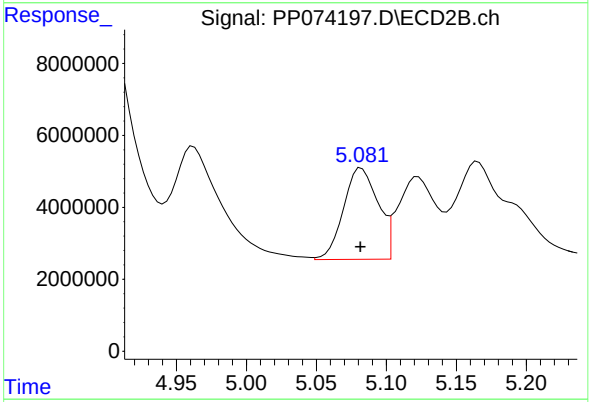
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 960.47 ng/ml



#13 AR-1232-3

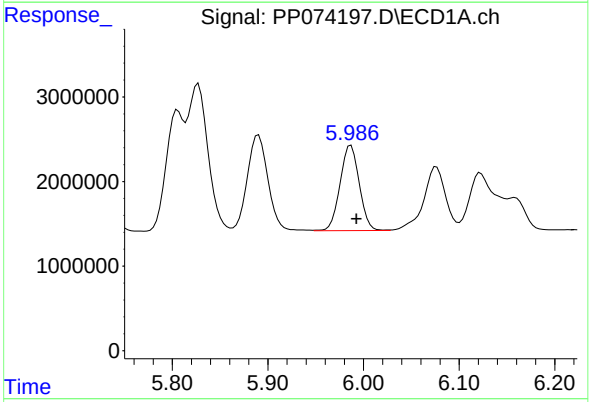
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 892.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



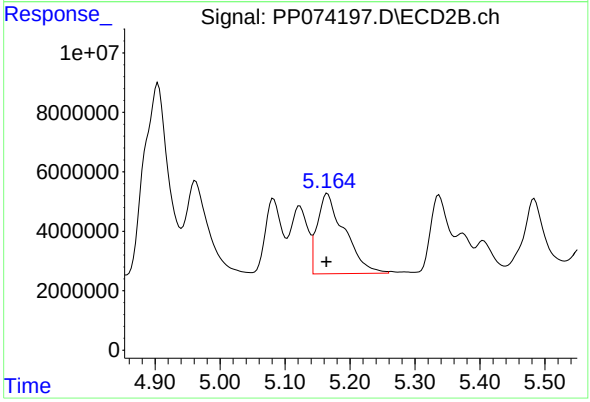
#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 953.29 ng/ml



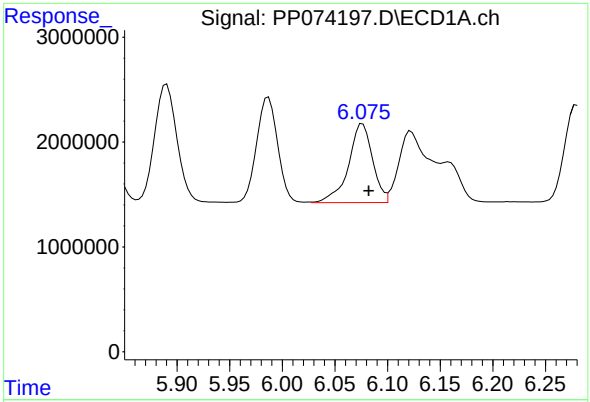
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 913.06 ng/ml



#14 AR-1232-4

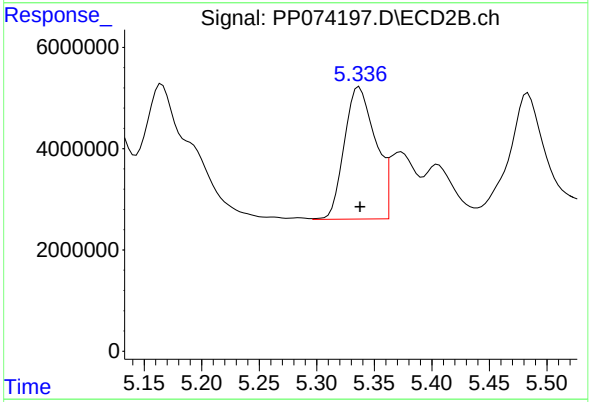
R.T.: 5.165 min
Delta R.T.: 0.002 min
Response: 78538633
Conc: 1353.86 ng/ml



#15 AR-1232-5

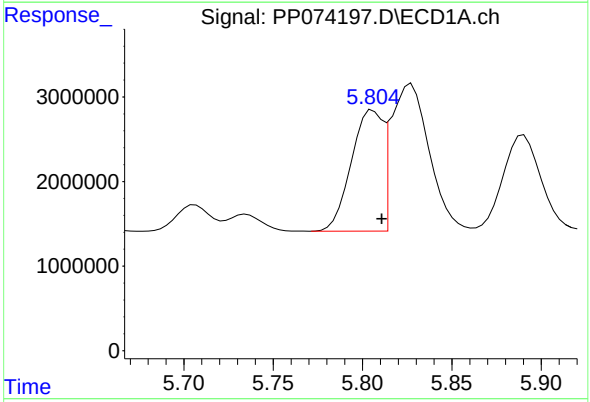
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 1023.33 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



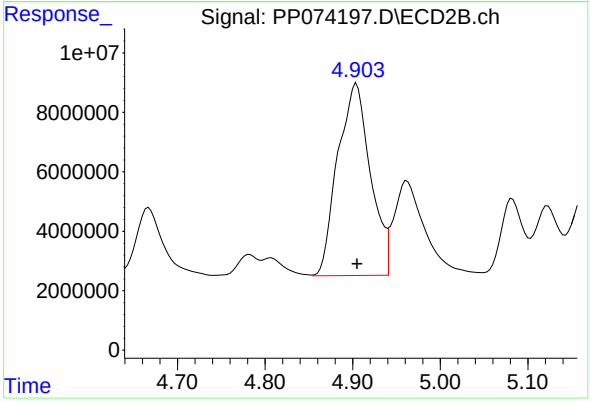
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 49362976
Conc: 1050.74 ng/ml



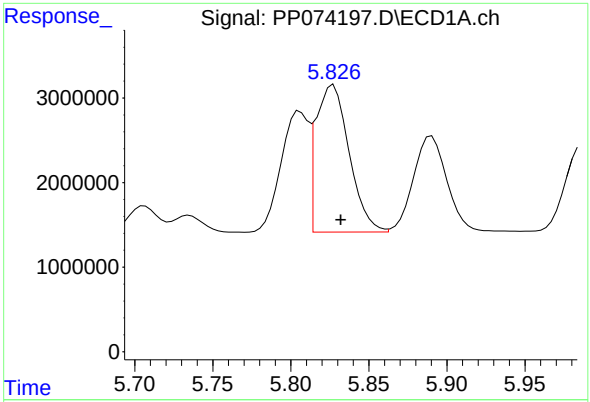
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml



#16 AR-1242-1

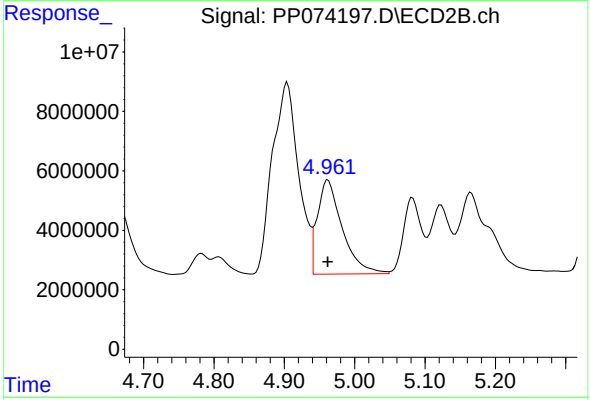
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



#17 AR-1242-2

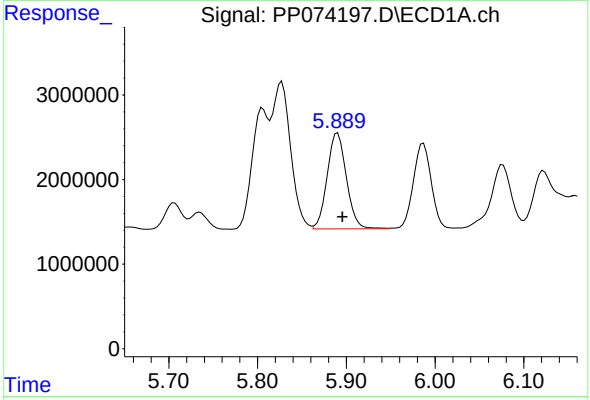
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



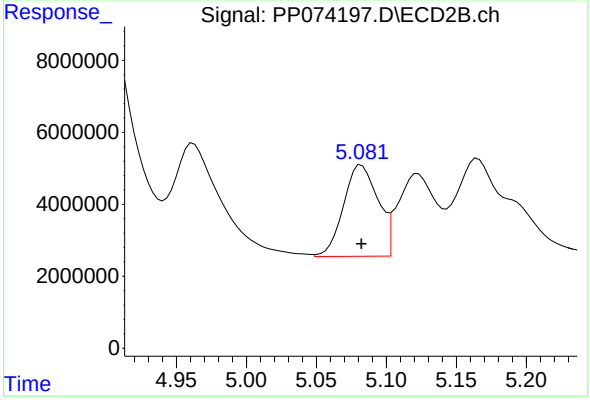
#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



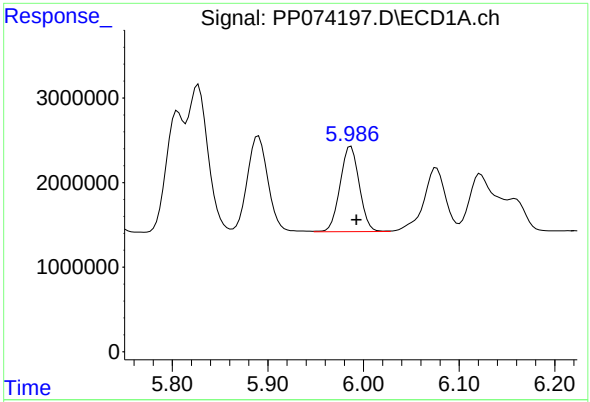
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml



#18 AR-1242-3

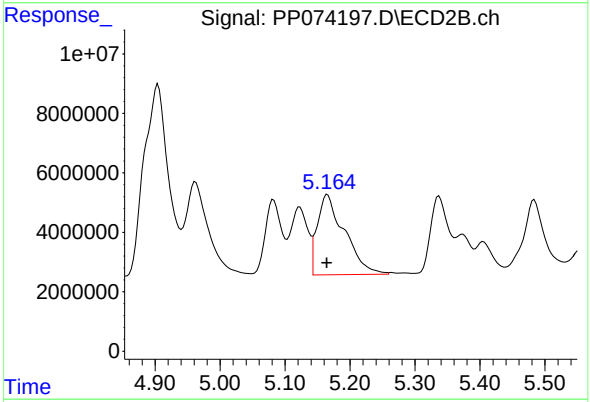
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



#19 AR-1242-4

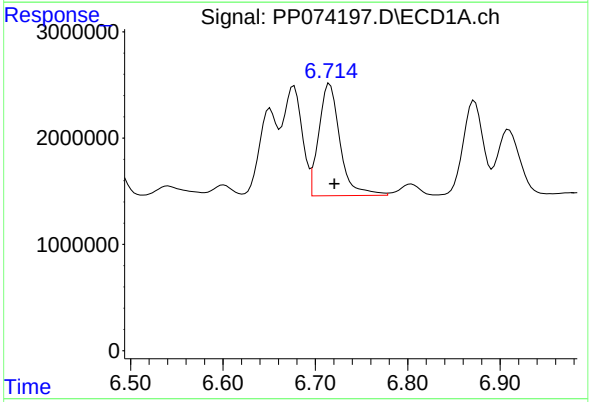
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



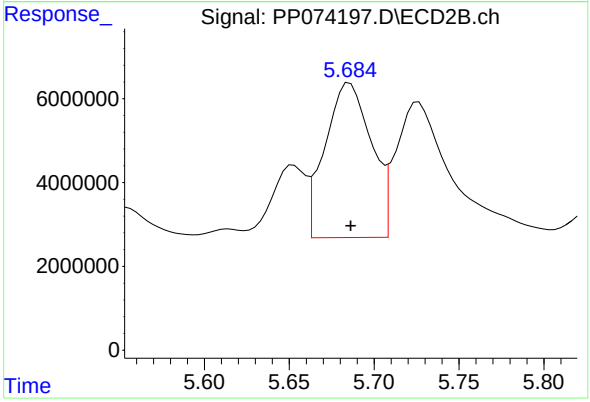
#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 78538633
Conc: 657.66 ng/ml



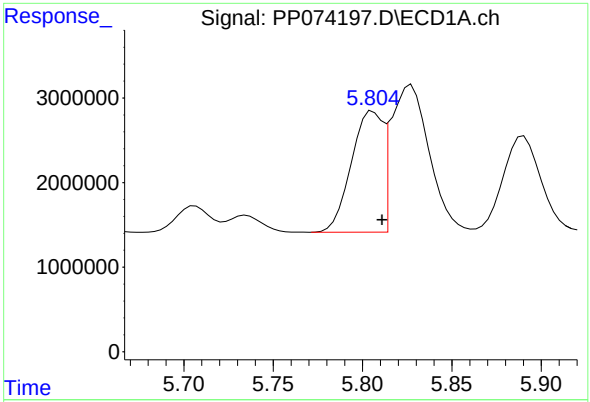
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml



#20 AR-1242-5

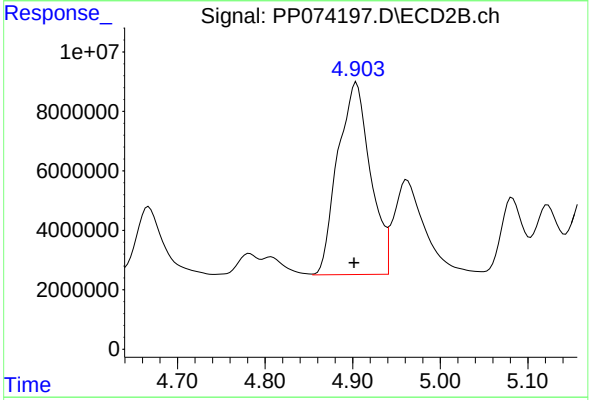
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml



#21 AR-1248-1

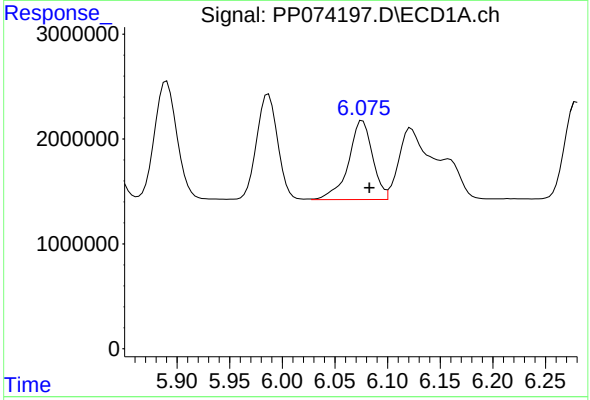
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 624.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



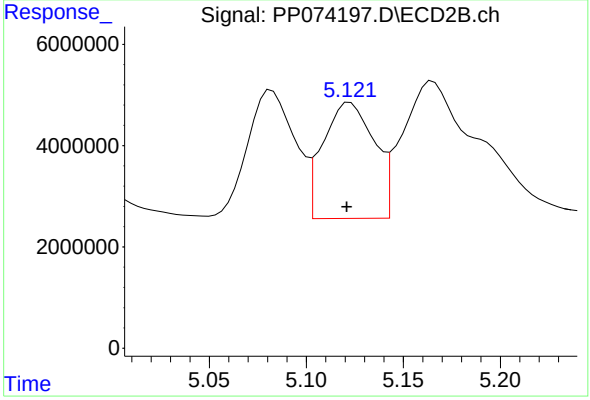
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.003 min
Response: 167377399
Conc: 782.39 ng/ml



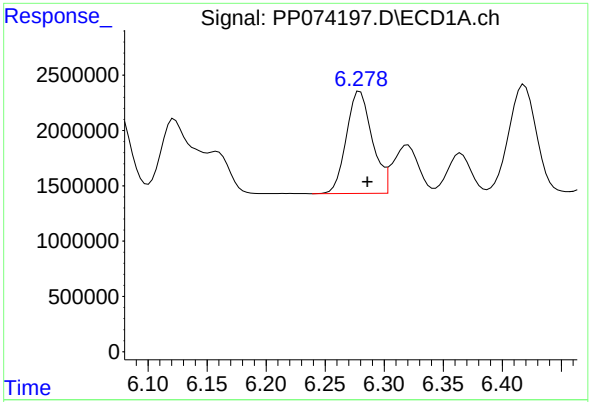
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 297.79 ng/ml



#22 AR-1248-2

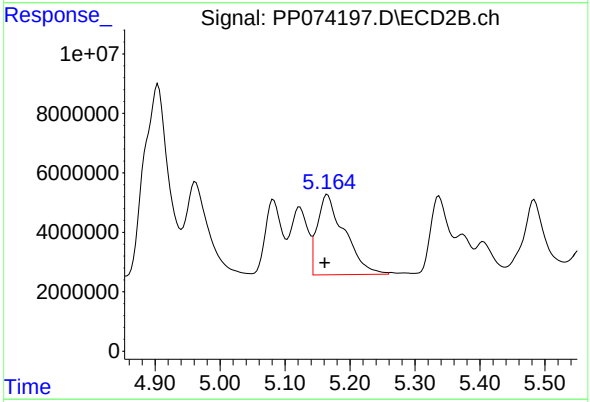
R.T.: 5.123 min
Delta R.T.: 0.002 min
Response: 42005219
Conc: 287.09 ng/ml



#23 AR-1248-3

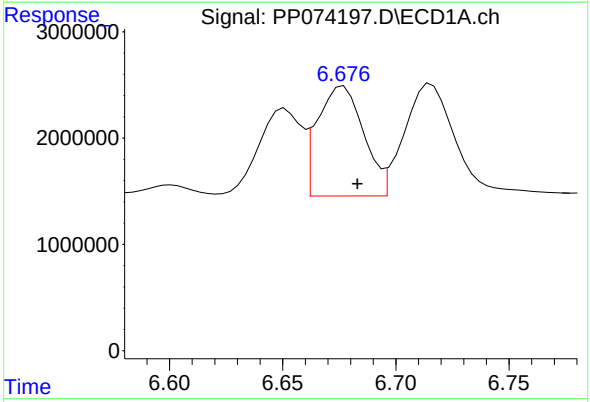
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 314.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



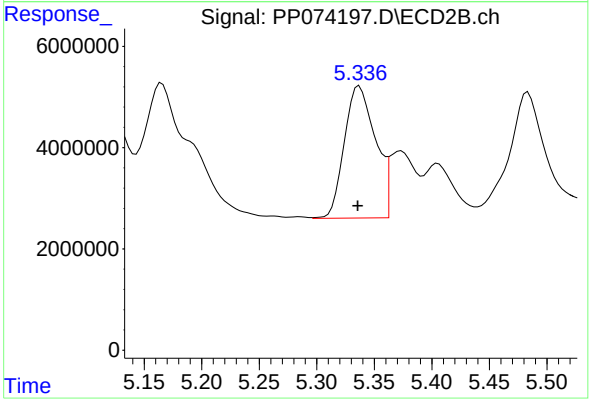
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 78538633
Conc: 458.06 ng/ml



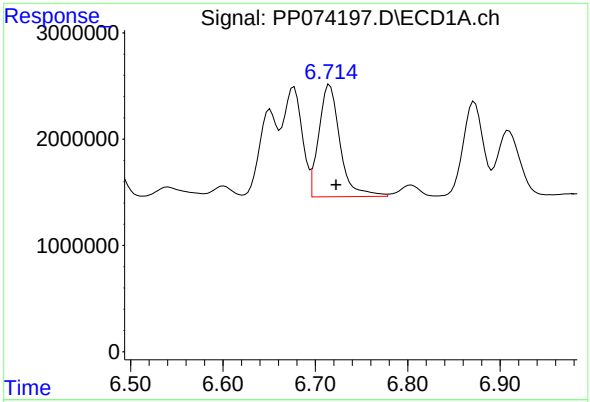
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 14725685
Conc: 282.98 ng/ml



#24 AR-1248-4

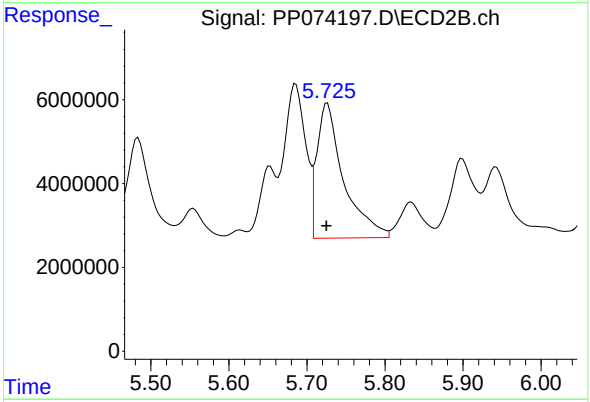
R.T.: 5.337 min
Delta R.T.: 0.002 min
Response: 49362976
Conc: 296.70 ng/ml



#25 AR-1248-5

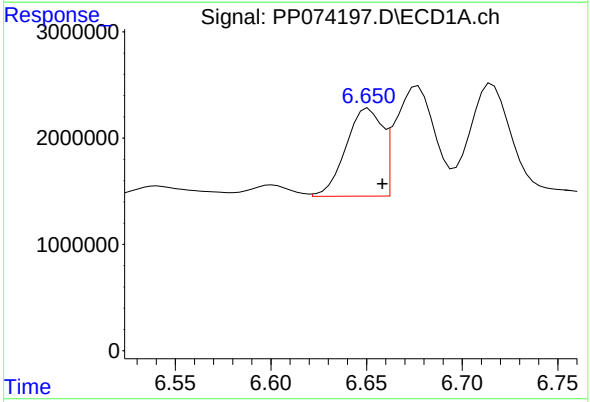
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 16823190
Conc: 295.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



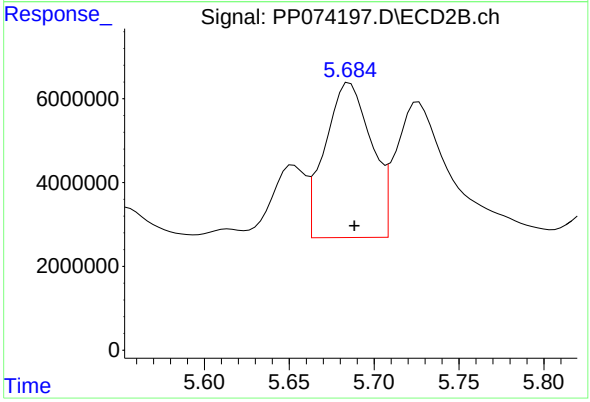
#25 AR-1248-5

R.T.: 5.726 min
Delta R.T.: 0.001 min
Response: 76598345
Conc: 263.26 ng/ml



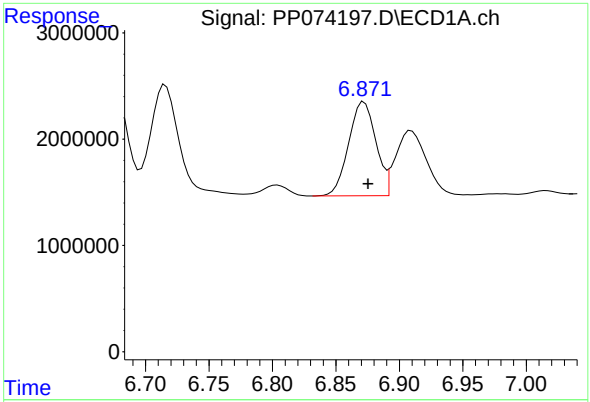
#26 AR-1254-1

R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 10912353
Conc: 207.30 ng/ml



#26 AR-1254-1

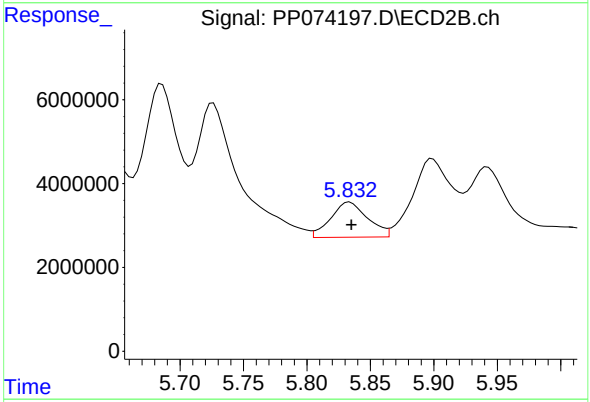
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 70286035
Conc: 191.94 ng/ml



#27 AR-1254-2

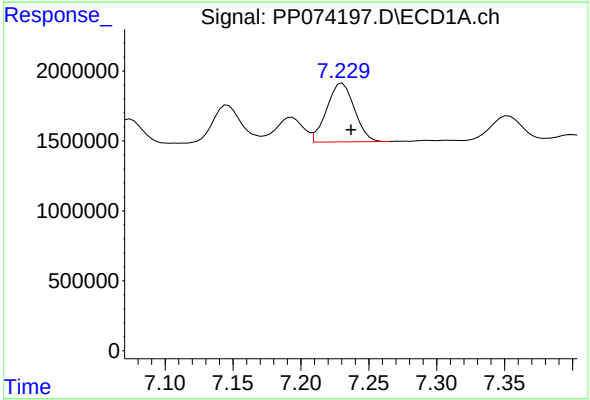
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 13215605
Conc: 166.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



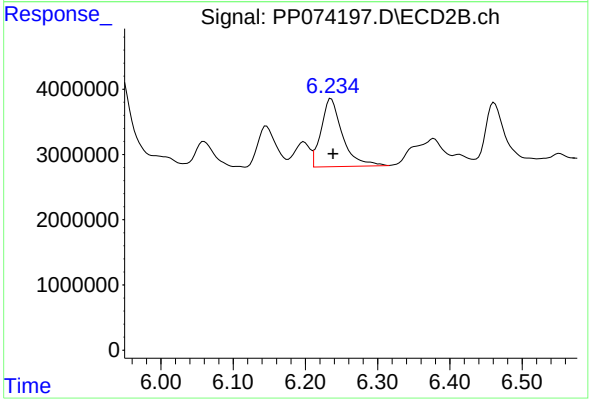
#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 16964136
Conc: 60.97 ng/ml



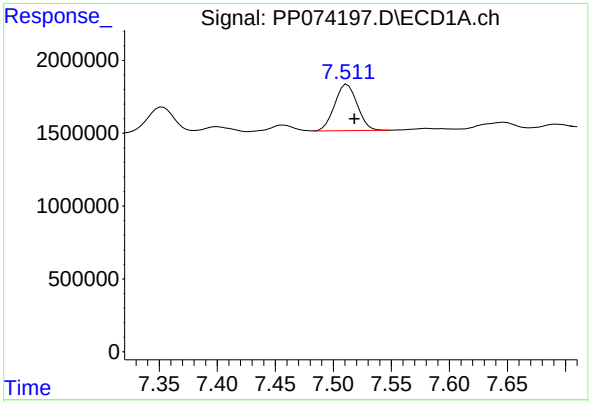
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 5959793
Conc: 68.26 ng/ml



#28 AR-1254-3

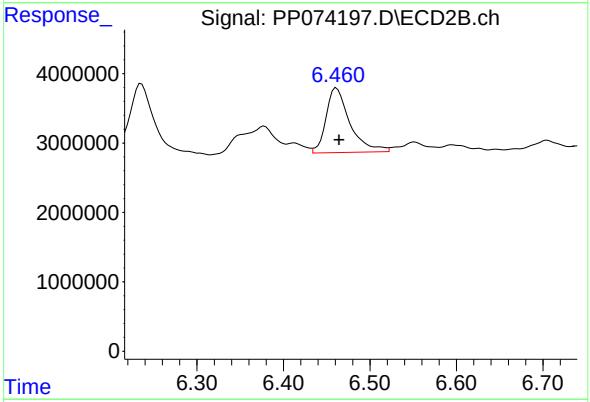
R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 21465299
Conc: 43.88 ng/ml



#29 AR-1254-4

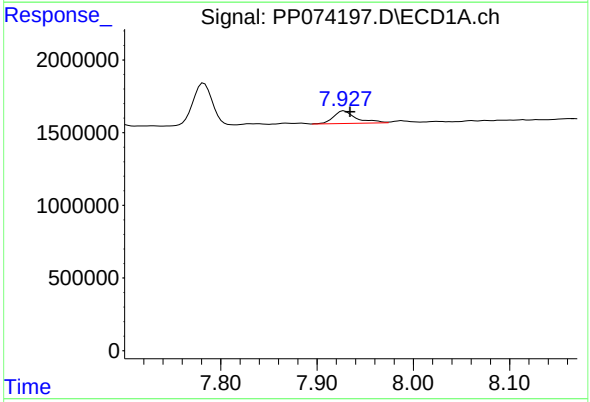
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 4317662
Conc: 67.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



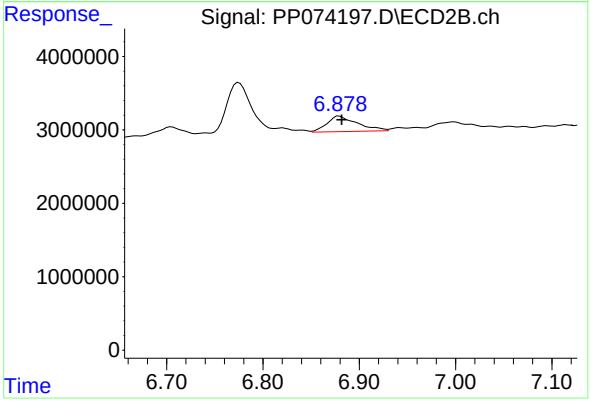
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 17873856
Conc: 48.63 ng/ml



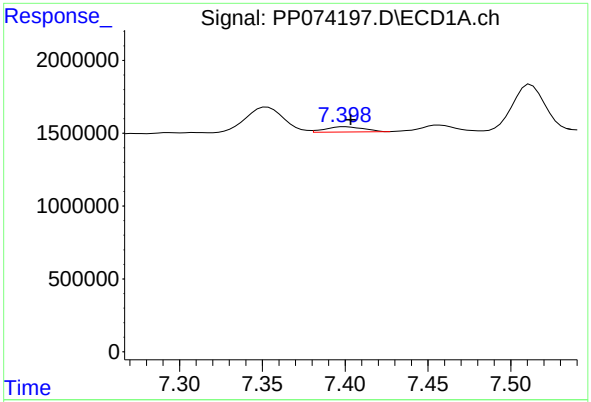
#30 AR-1254-5

R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 1449445
Conc: 17.86 ng/ml



#30 AR-1254-5

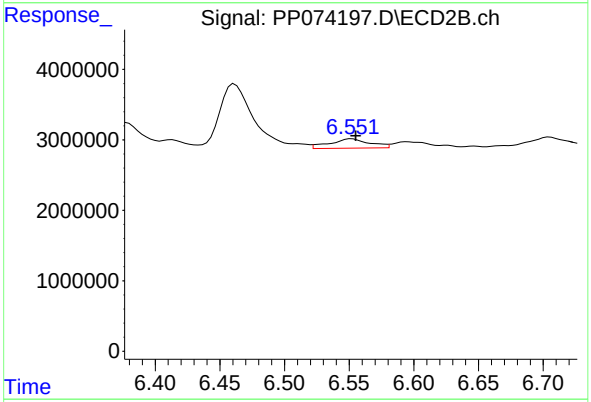
R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4651318
Conc: 11.83 ng/ml



#31 AR-1260-1

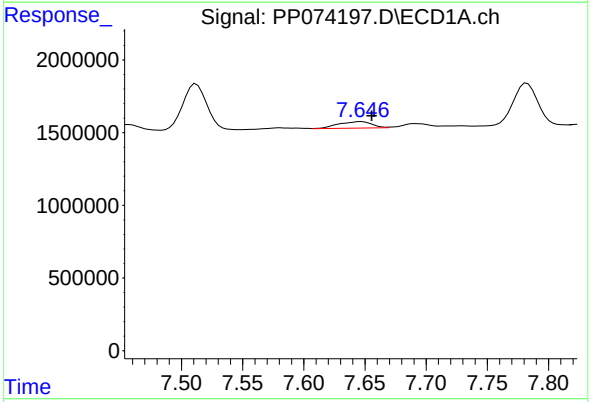
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 593868
Conc: 10.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



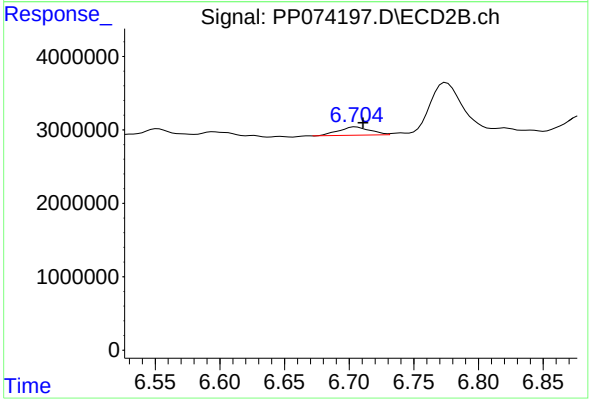
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 2870221
Conc: 7.11 ng/ml



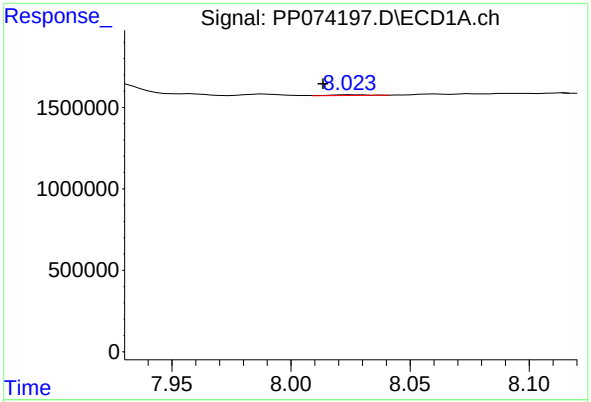
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: -0.008 min
Response: 839562
Conc: 12.32 ng/ml



#32 AR-1260-2

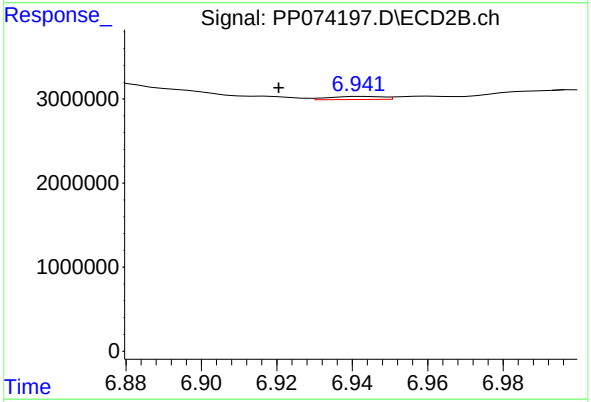
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 1902548
Conc: 6.08 ng/ml



#33 AR-1260-3

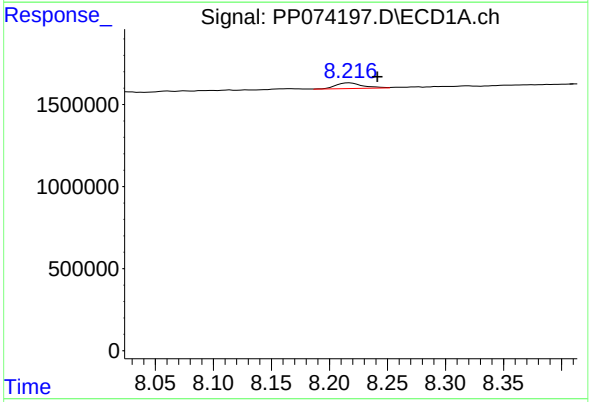
R.T.: 8.025 min
Delta R.T.: 0.011 min
Response: 47683
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



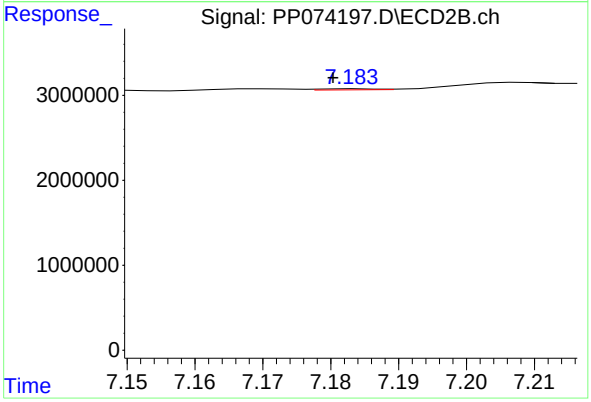
#33 AR-1260-3

R.T.: 6.943 min
Delta R.T.: 0.022 min
Response: 370567
Conc: 0.94 ng/ml



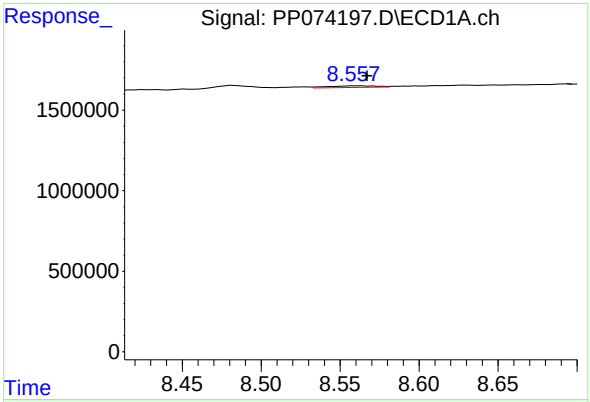
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: -0.024 min
Response: 560766
Conc: 8.96 ng/ml



#34 AR-1260-4

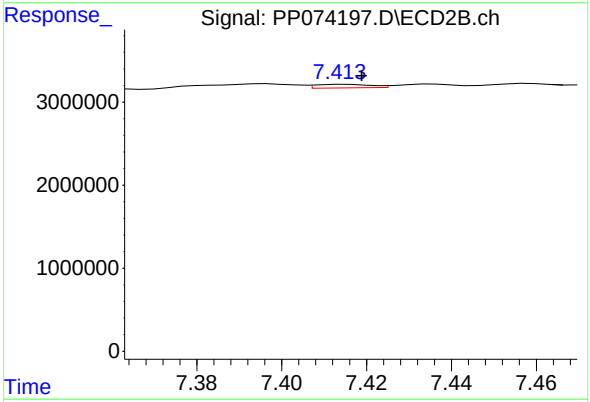
R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 72352
Conc: 0.25 ng/ml



#35 AR-1260-5

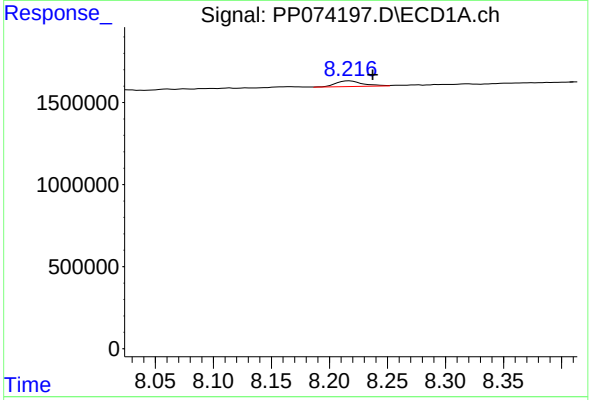
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 212917
Conc: 1.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



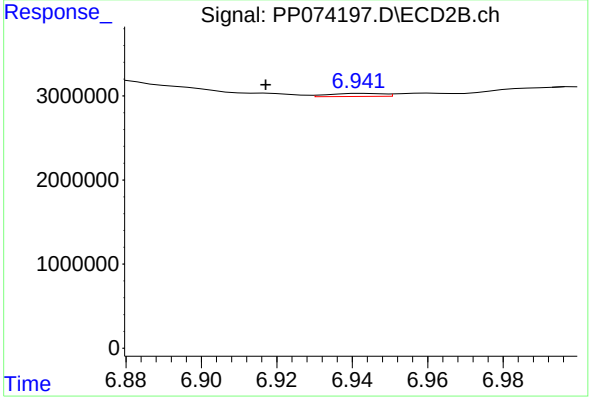
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 384725
Conc: 0.51 ng/ml



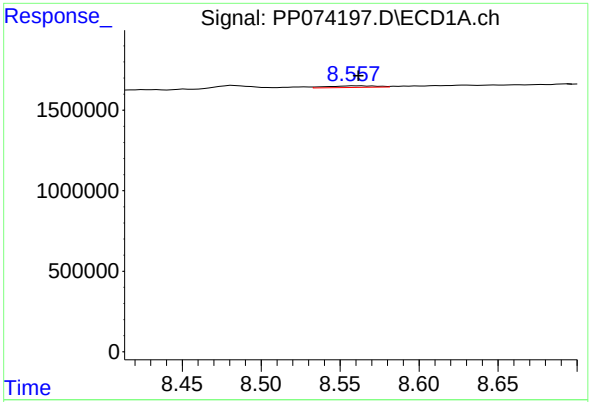
#36 AR-1262-1

R.T.: 8.217 min
Delta R.T.: -0.020 min
Response: 560766
Conc: 7.40 ng/ml



#36 AR-1262-1

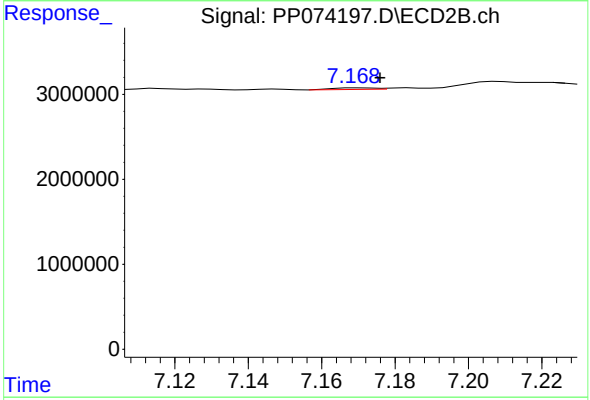
R.T.: 6.943 min
Delta R.T.: 0.026 min
Response: 370567
Conc: 0.66 ng/ml



#37 AR-1262-2

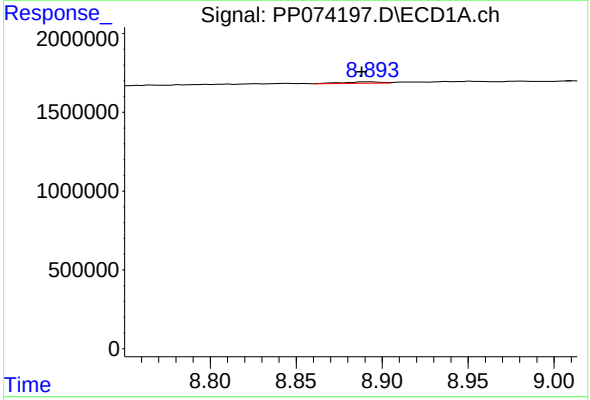
R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 212917
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



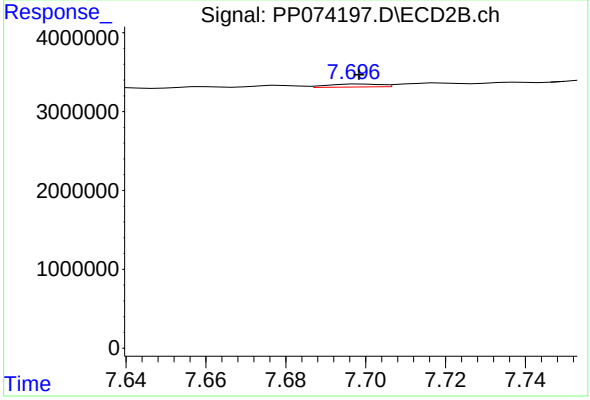
#37 AR-1262-2

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 147921
Conc: 0.37 ng/ml



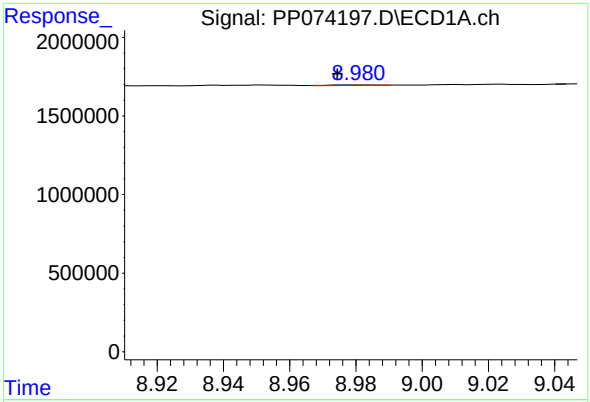
#38 AR-1262-3

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 131960
Conc: 1.40 ng/ml



#38 AR-1262-3

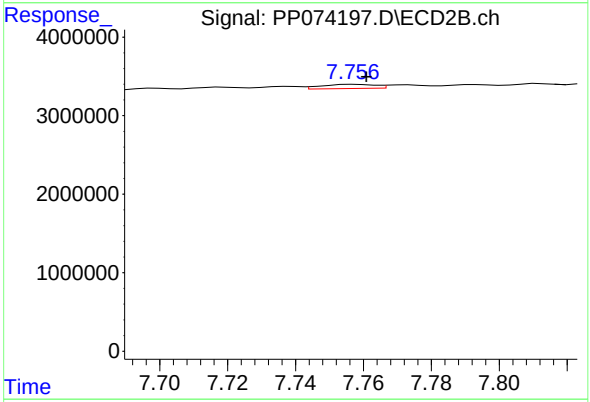
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 339738
Conc: 0.95 ng/ml



#39 AR-1262-4

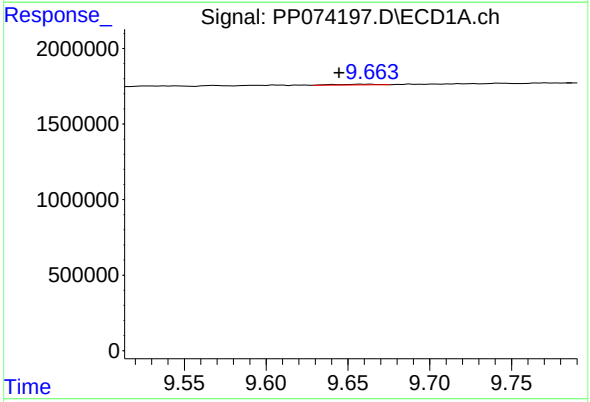
R.T.: 8.981 min
Delta R.T.: 0.007 min
Response: 35860
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



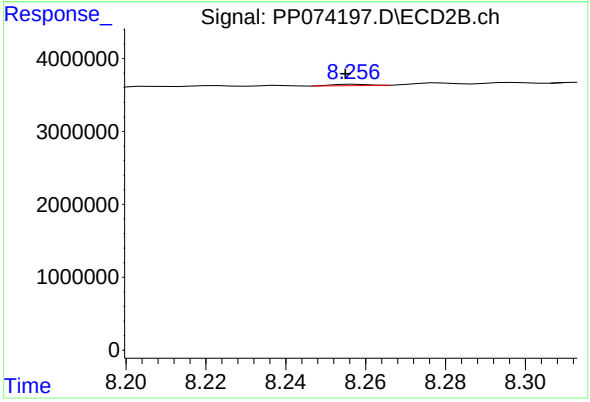
#39 AR-1262-4

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 593683
Conc: 0.89 ng/ml



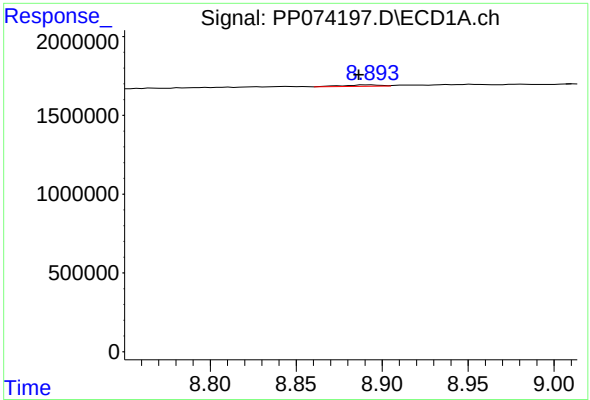
#40 AR-1262-5

R.T.: 9.662 min
Delta R.T.: 0.018 min
Response: 83218
Conc: 1.63 ng/ml



#40 AR-1262-5

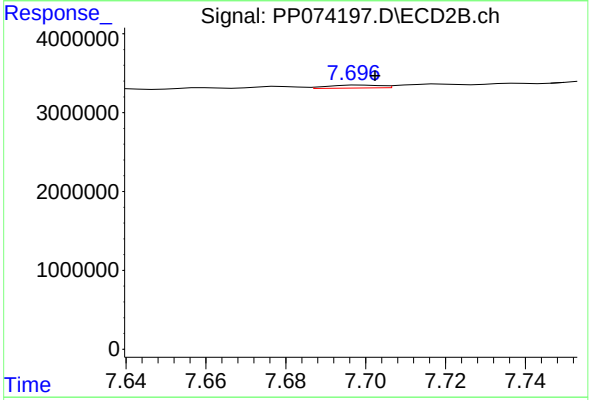
R.T.: 8.258 min
Delta R.T.: 0.003 min
Response: 116580
Conc: 0.41 ng/ml



#41 AR-1268-1

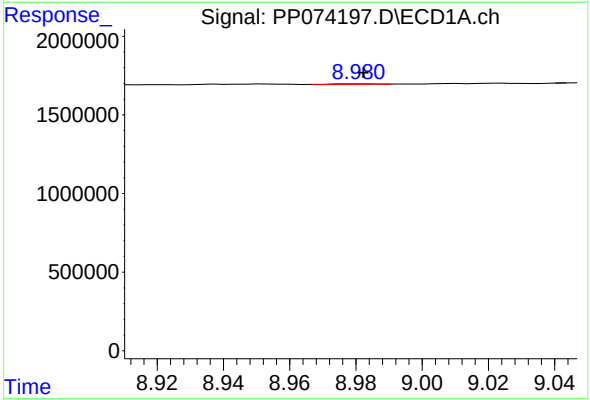
R.T.: 8.894 min
Delta R.T.: 0.008 min
Response: 131960
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



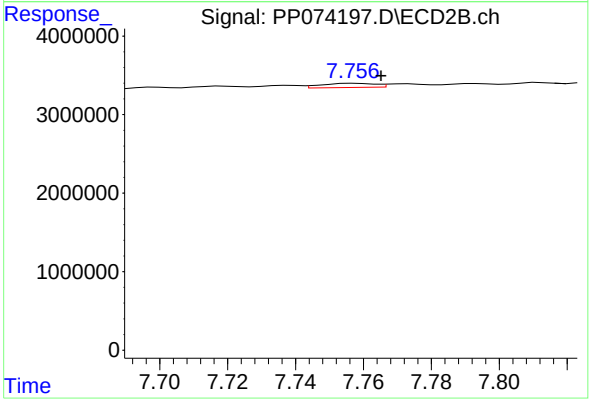
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 339738
Conc: 0.31 ng/ml



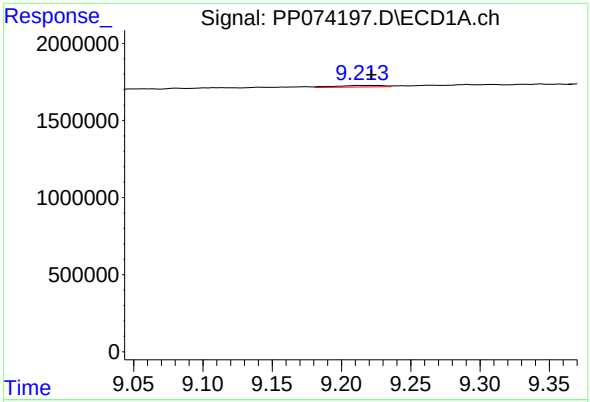
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: -0.001 min
Response: 35860
Conc: 0.25 ng/ml



#42 AR-1268-2

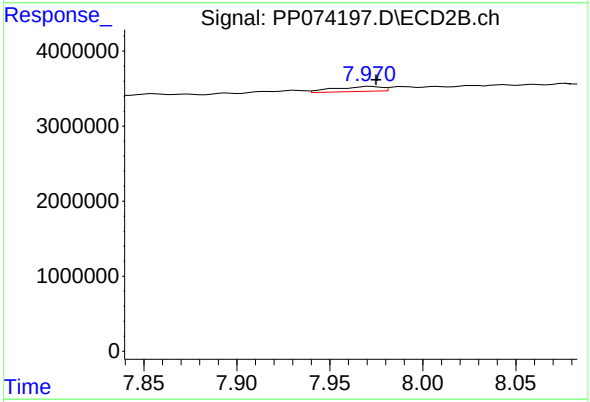
R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 593683
Conc: 0.56 ng/ml



#43 AR-1268-3

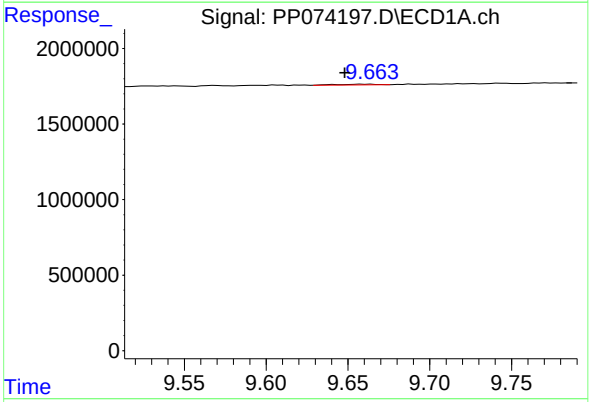
R.T.: 9.214 min
Delta R.T.: -0.007 min
Response: 255483
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



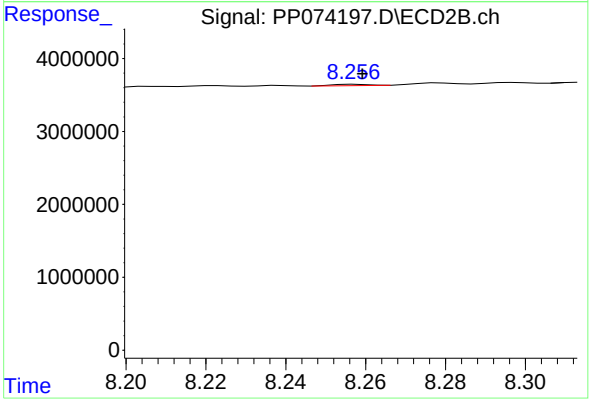
#43 AR-1268-3

R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 1184209
Conc: 1.42 ng/ml



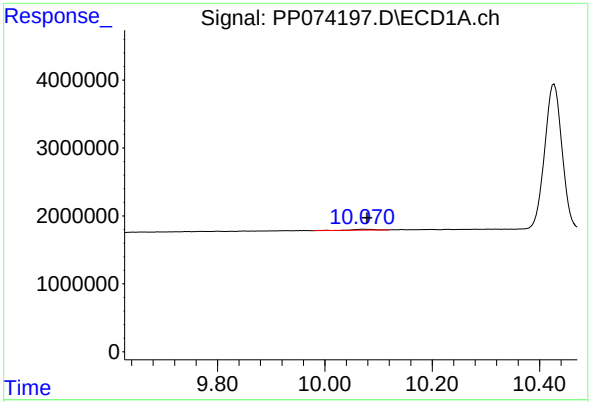
#44 AR-1268-4

R.T.: 9.662 min
Delta R.T.: 0.014 min
Response: 83218
Conc: 1.41 ng/ml



#44 AR-1268-4

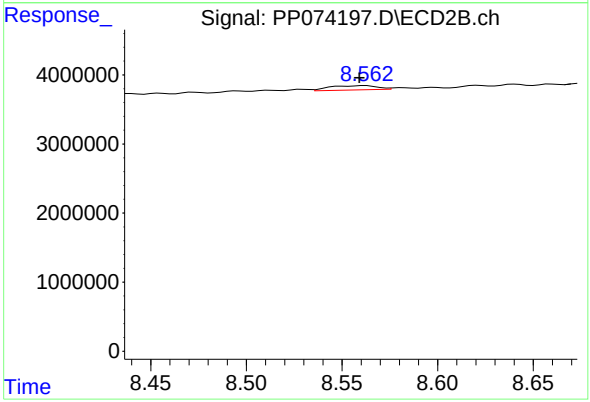
R.T.: 8.258 min
Delta R.T.: -0.001 min
Response: 116580
Conc: 0.38 ng/ml



#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	#

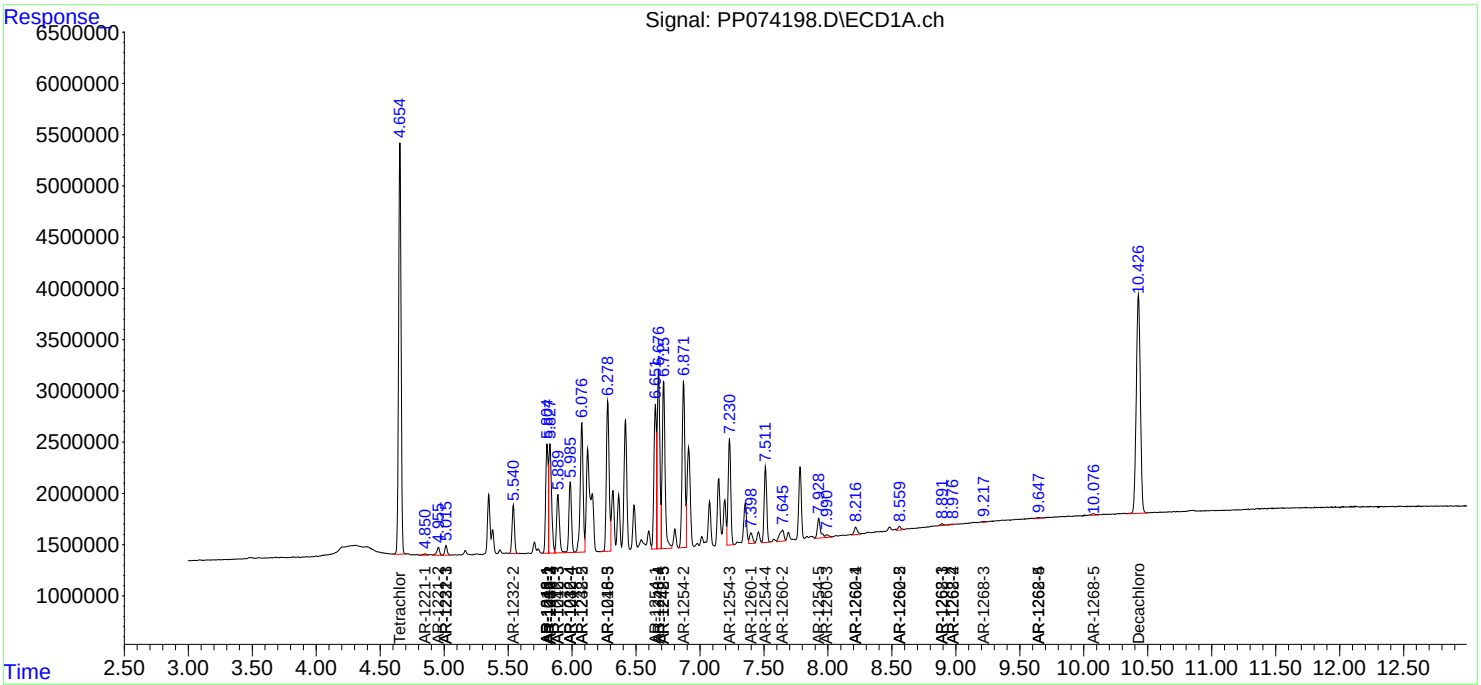
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

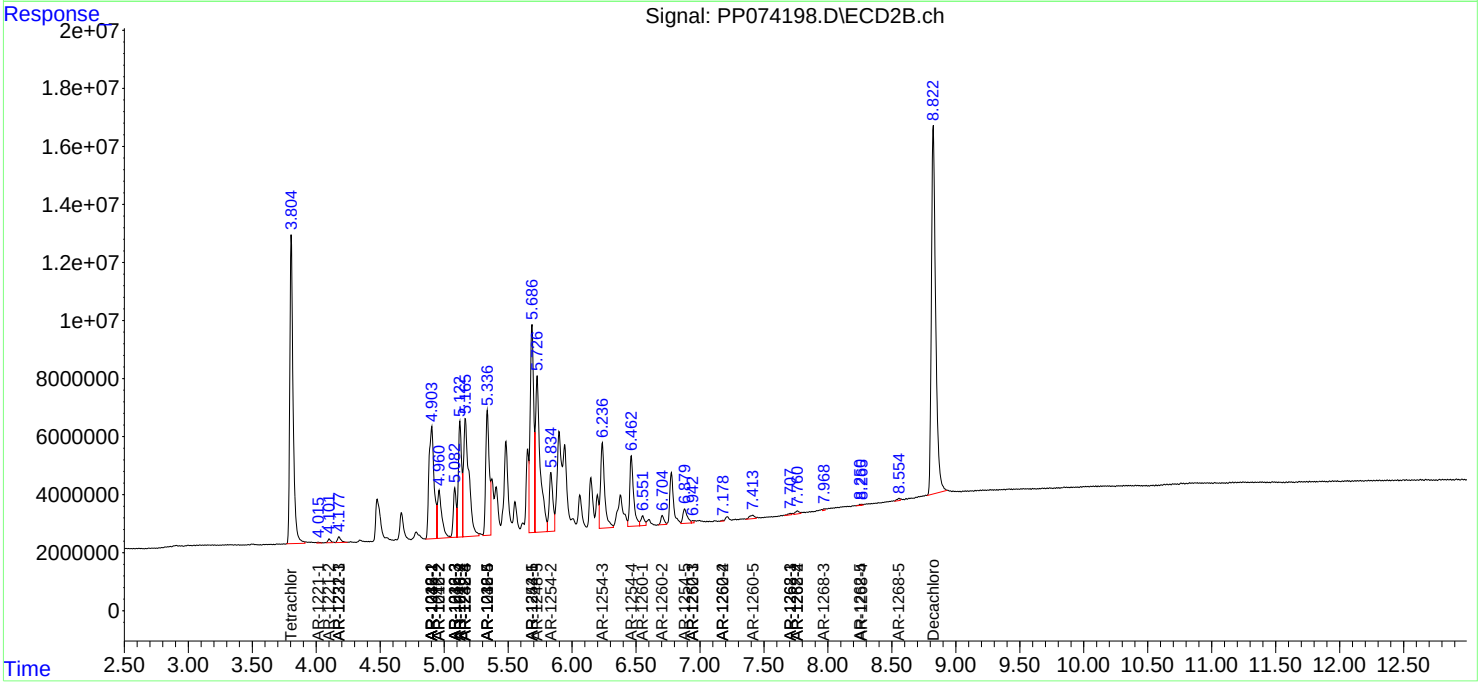
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:37
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

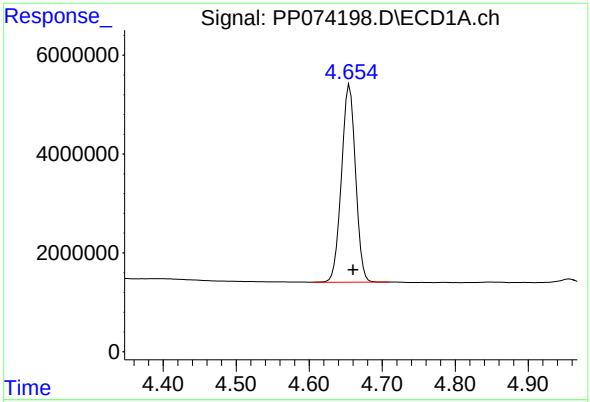
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248

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



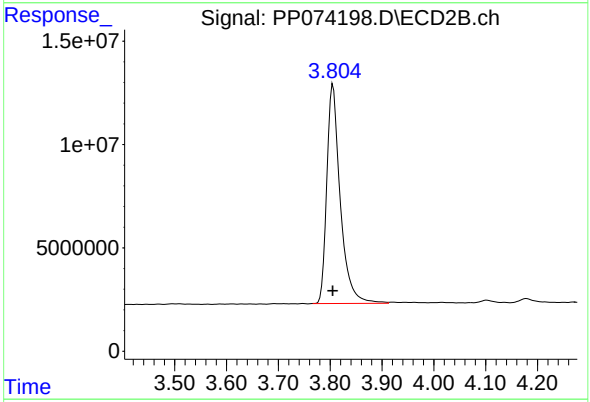




#1 Tetrachloro-m-xylene

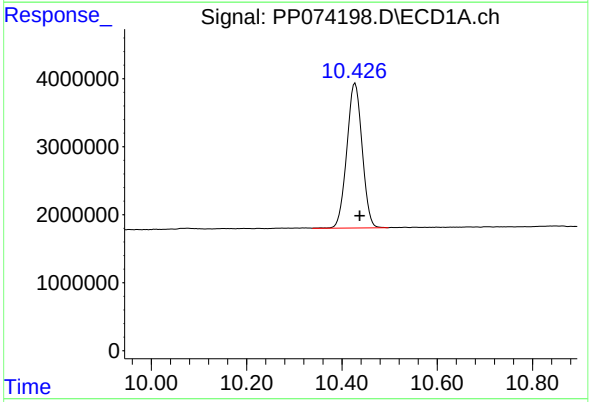
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 53554793
Conc: 47.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



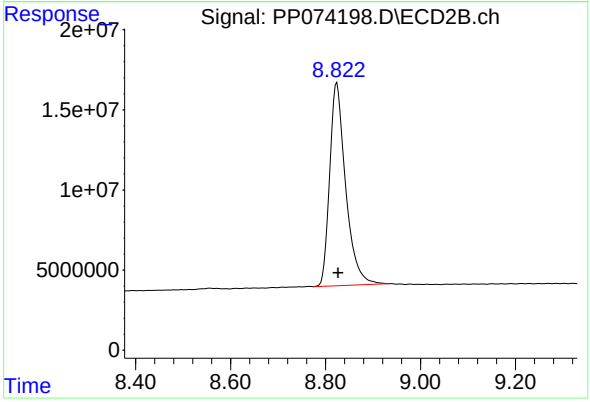
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 191135288
Conc: 49.85 ng/ml



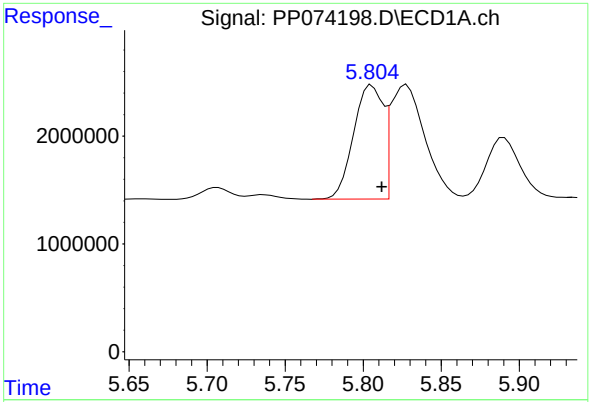
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.009 min
Response: 47537298
Conc: 48.95 ng/ml



#2 Decachlorobiphenyl

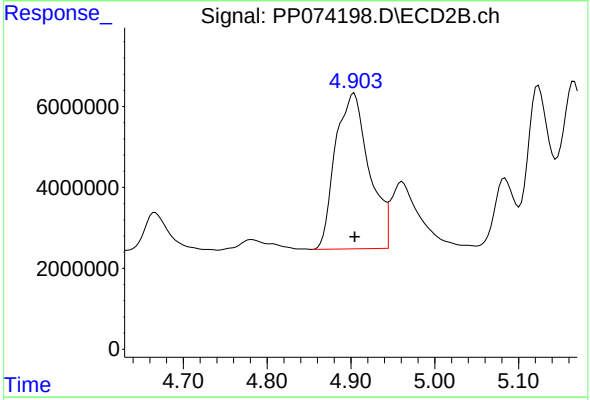
R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 295276609
Conc: 49.10 ng/ml



#3 AR-1016-1

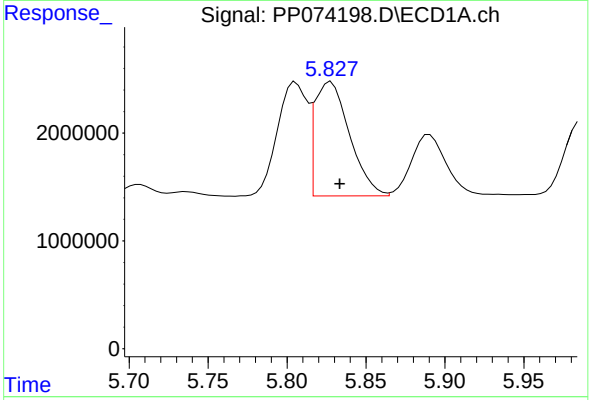
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 13951339
Conc: 338.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



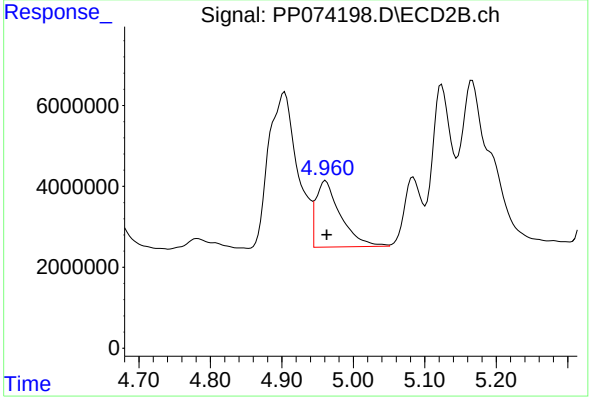
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 107627908
Conc: 269.82 ng/ml



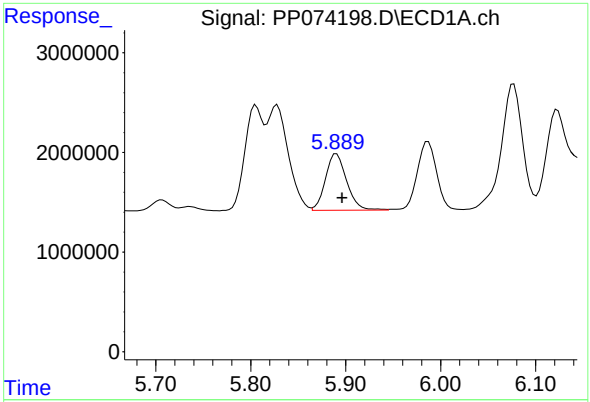
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: -0.006 min
Response: 16252691
Conc: 267.57 ng/ml



#4 AR-1016-2

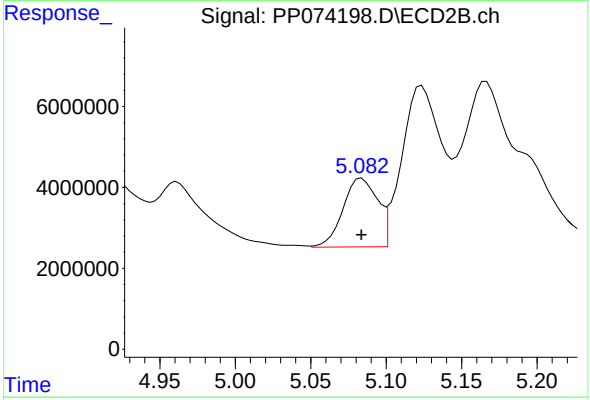
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 39399964
Conc: 209.79 ng/ml



#5 AR-1016-3

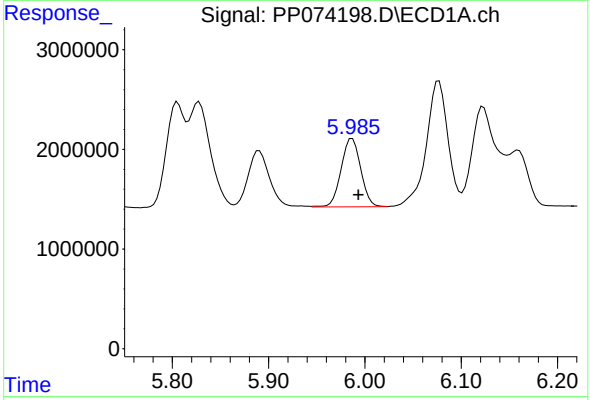
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 8800245
Conc: 221.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



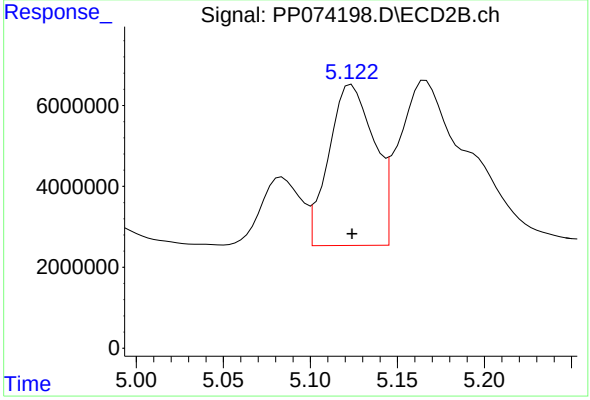
#5 AR-1016-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 27089196
Conc: 255.39 ng/ml



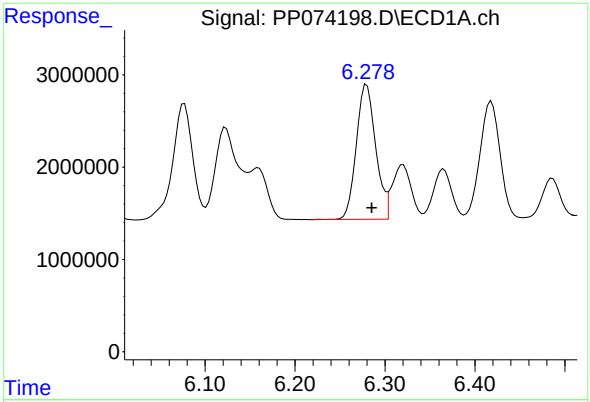
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 9702468
Conc: 298.13 ng/ml



#6 AR-1016-4

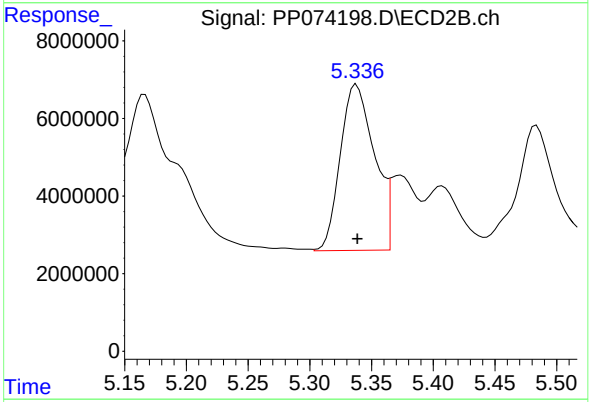
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 71900356
Conc: 658.31 ng/ml



#7 AR-1016-5

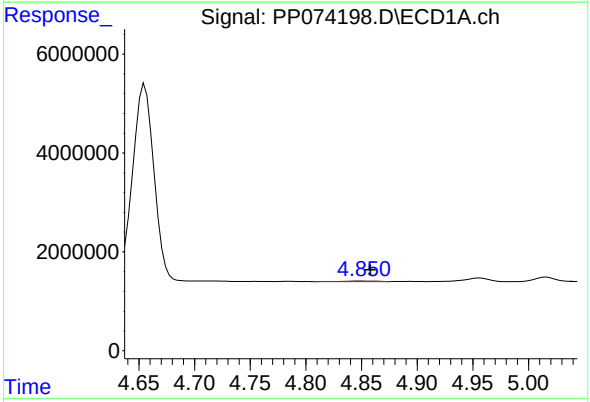
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 21866877
Conc: 673.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



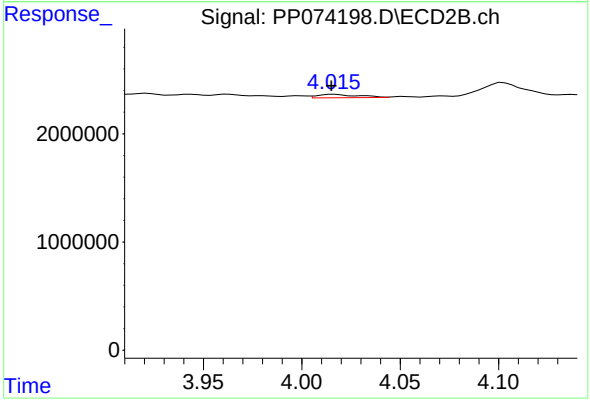
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 82403417
Conc: 704.52 ng/ml



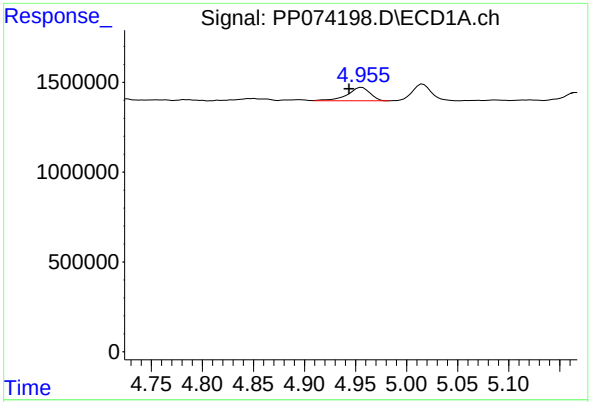
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.007 min
Response: 278636
Conc: 16.62 ng/ml



#8 AR-1221-1

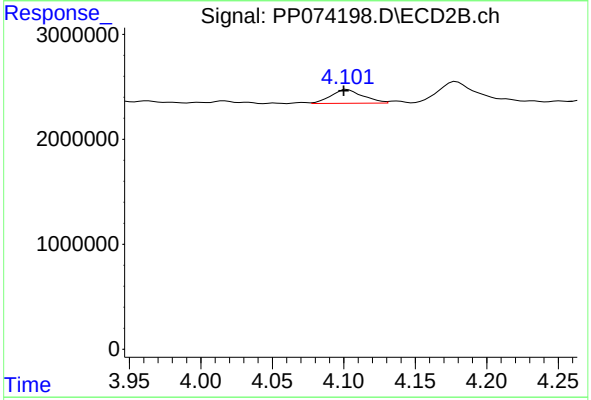
R.T.: 4.016 min
Delta R.T.: 0.001 min
Response: 454928
Conc: 9.27 ng/ml



#9 AR-1221-2

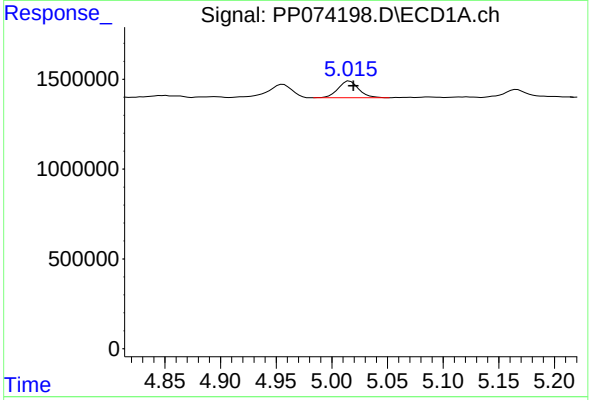
R.T.: 4.956 min
Delta R.T.: 0.013 min
Response: 1151960
Conc: 91.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



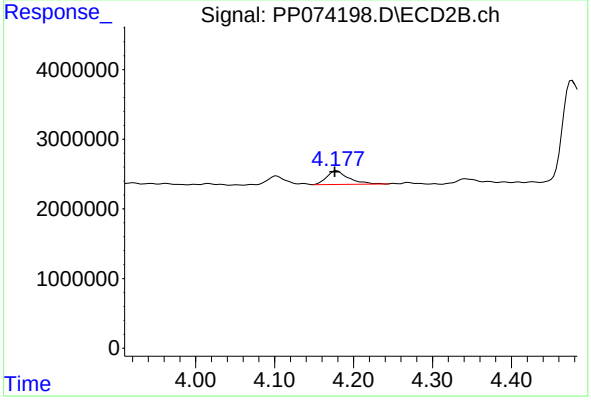
#9 AR-1221-2

R.T.: 4.102 min
Delta R.T.: 0.003 min
Response: 2038232
Conc: 56.79 ng/ml



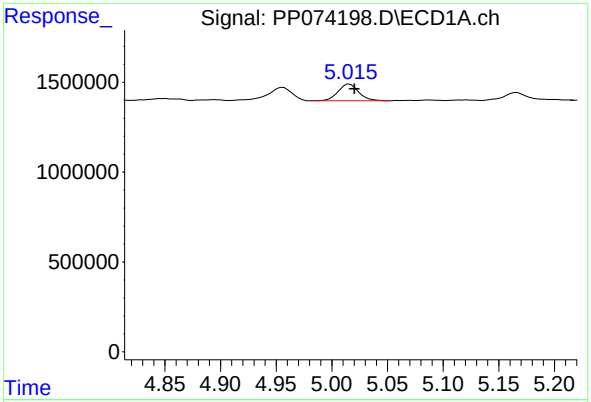
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 1197563
Conc: 32.69 ng/ml



#10 AR-1221-3

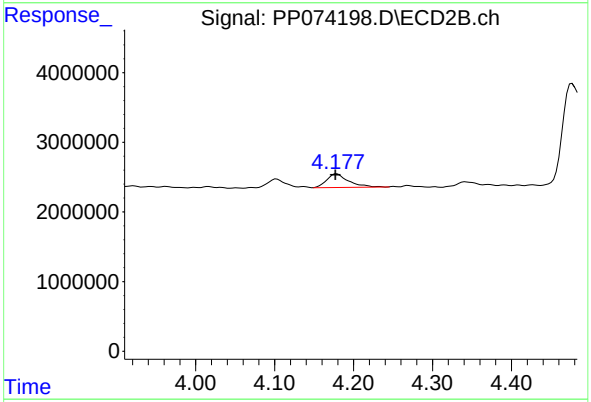
R.T.: 4.179 min
Delta R.T.: 0.002 min
Response: 3815543
Conc: 28.22 ng/ml



#11 AR-1232-1

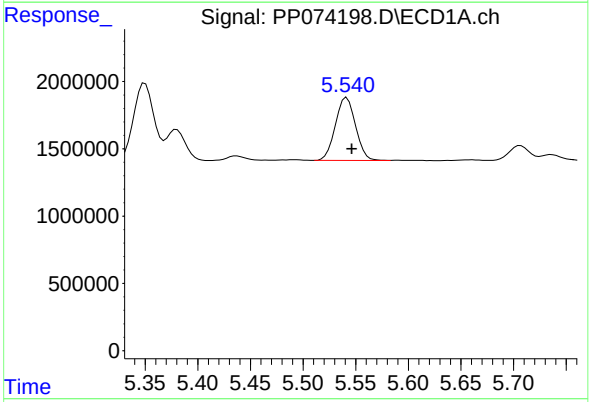
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 1197563
Conc: 41.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



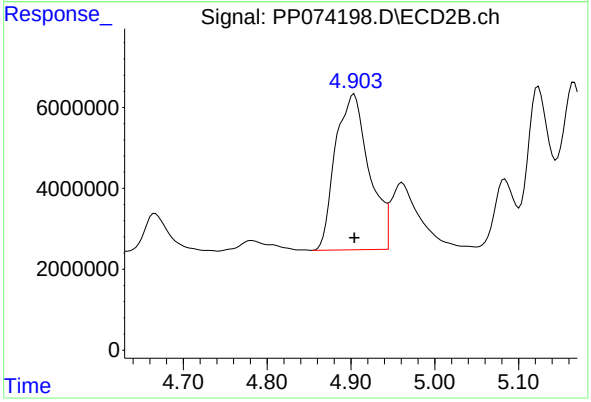
#11 AR-1232-1

R.T.: 4.179 min
Delta R.T.: 0.001 min
Response: 3815543
Conc: 37.64 ng/ml



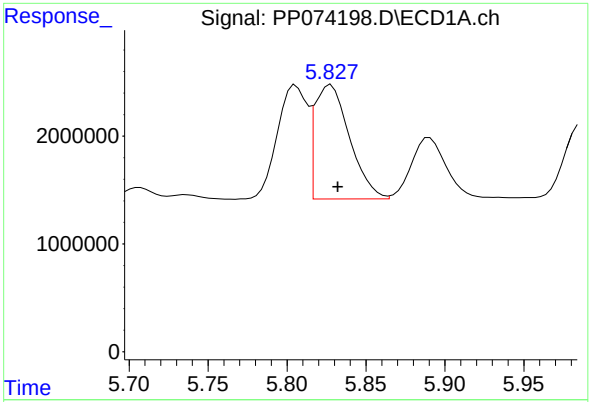
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 6275531
Conc: 417.18 ng/ml



#12 AR-1232-2

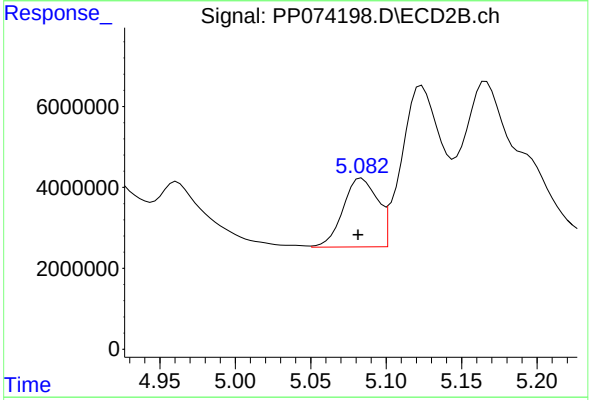
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 107627908
Conc: 617.61 ng/ml



#13 AR-1232-3

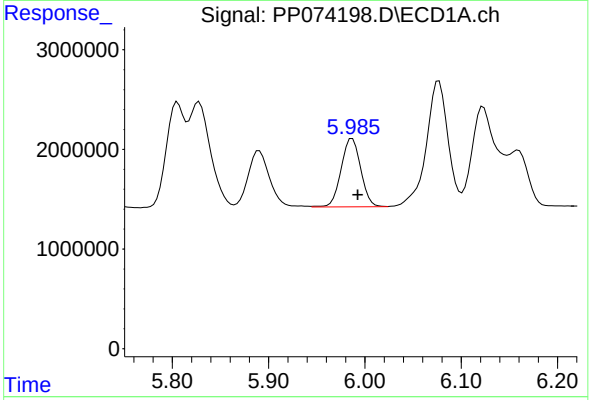
R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 16252691
Conc: 560.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



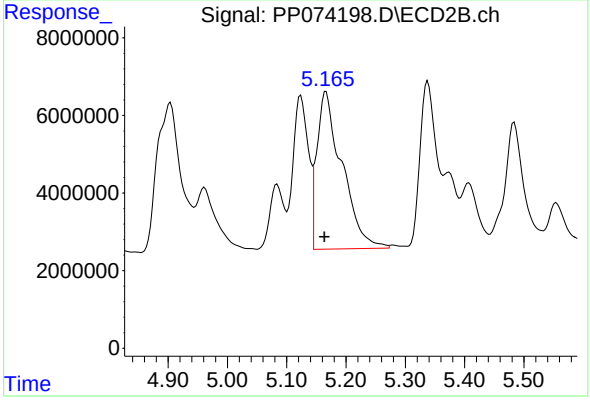
#13 AR-1232-3

R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 27089196
Conc: 591.25 ng/ml



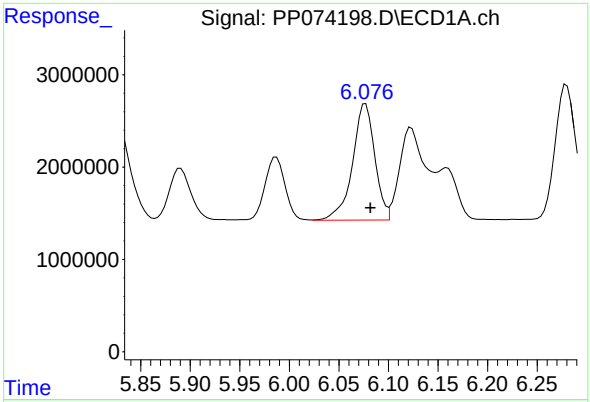
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 9702468
Conc: 627.23 ng/ml



#14 AR-1232-4

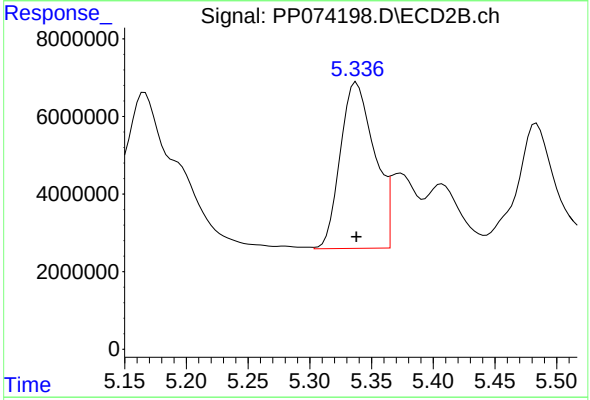
R.T.: 5.166 min
Delta R.T.: 0.003 min
Response: 119600410
Conc: 2061.70 ng/ml



#15 AR-1232-5

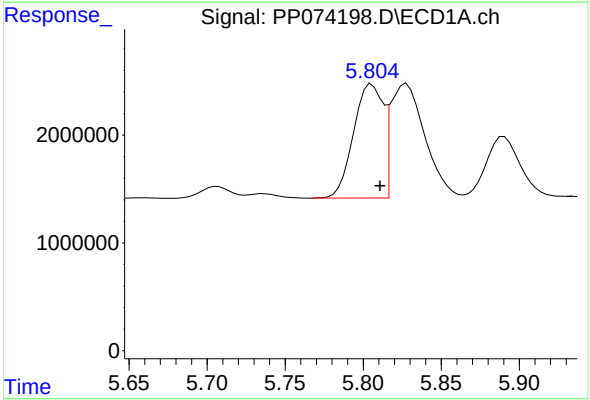
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 19721117
Conc: 1683.26 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



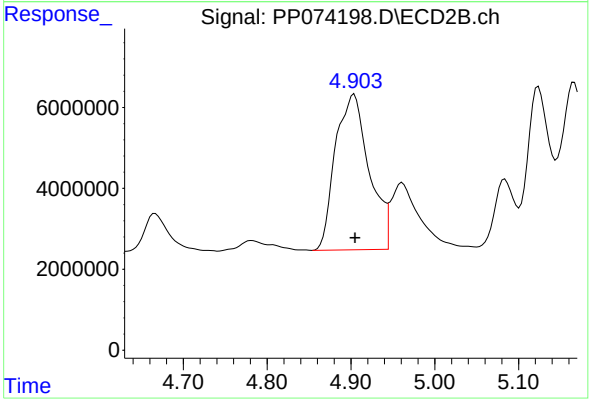
#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 82403417
Conc: 1754.03 ng/ml



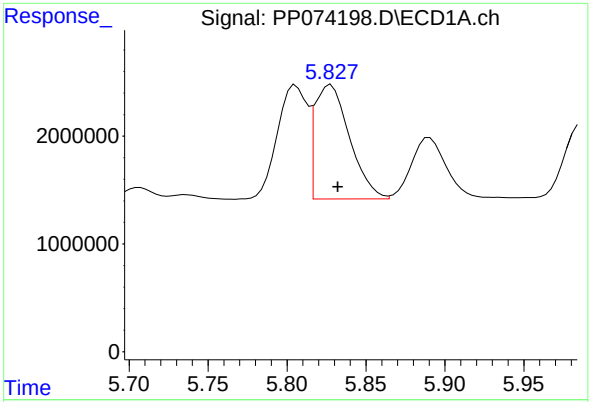
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 13951339
Conc: 374.37 ng/ml



#16 AR-1242-1

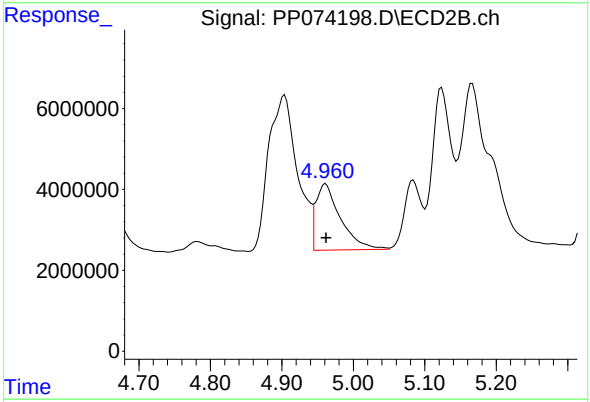
R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 107627908
Conc: 311.84 ng/ml



#17 AR-1242-2

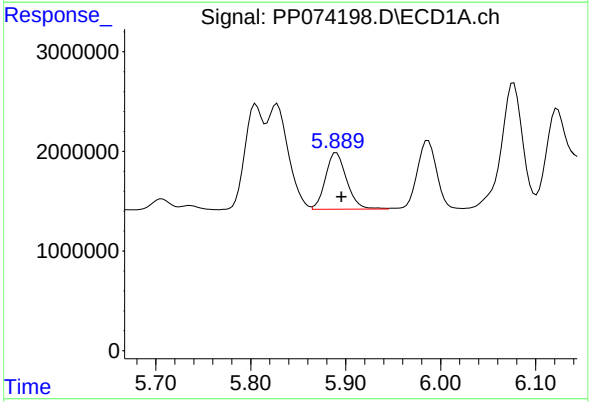
R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 16252691
Conc: 298.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



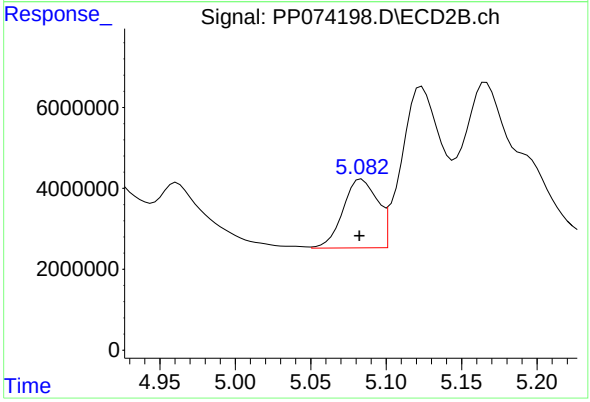
#17 AR-1242-2

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 39399964
Conc: 241.16 ng/ml



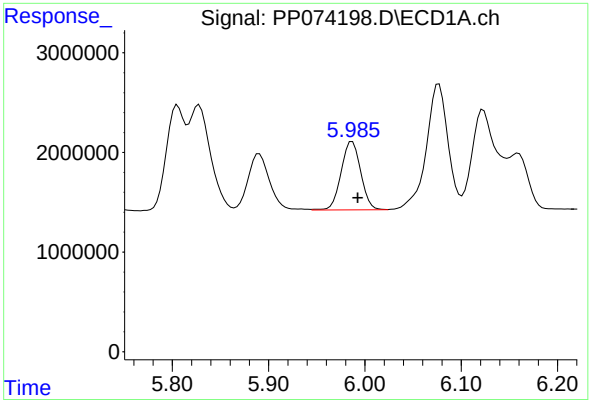
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 8800245
Conc: 246.26 ng/ml



#18 AR-1242-3

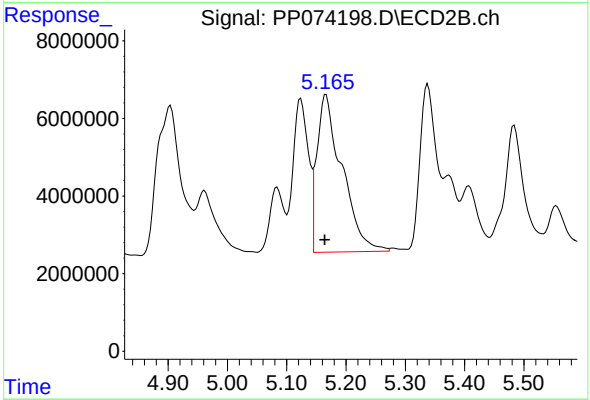
R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 27089196
Conc: 293.65 ng/ml



#19 AR-1242-4

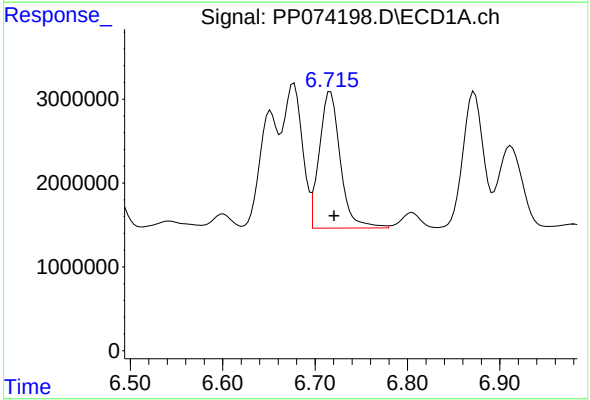
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 9702468
Conc: 332.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



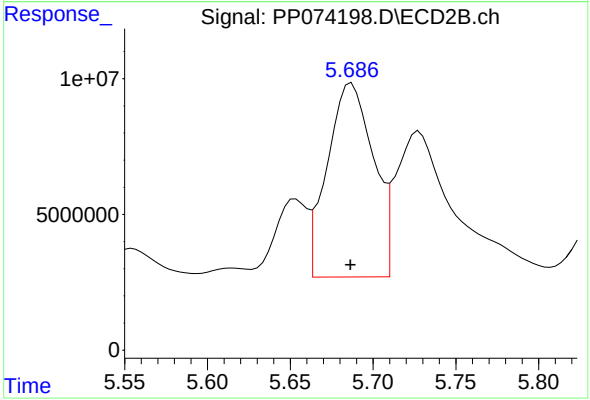
#19 AR-1242-4

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 119600410
Conc: 1001.50 ng/ml



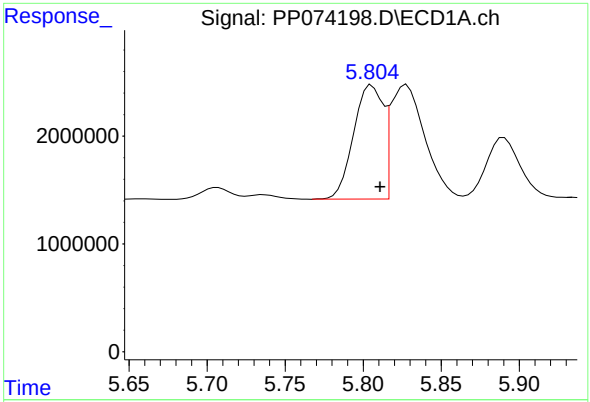
#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 25702187
Conc: 722.82 ng/ml



#20 AR-1242-5

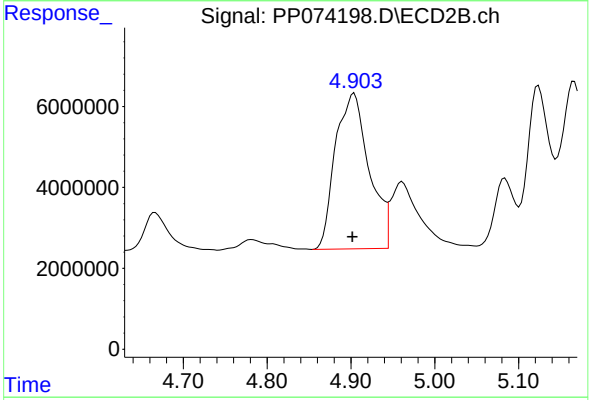
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 138282114
Conc: 924.59 ng/ml



#21 AR-1248-1

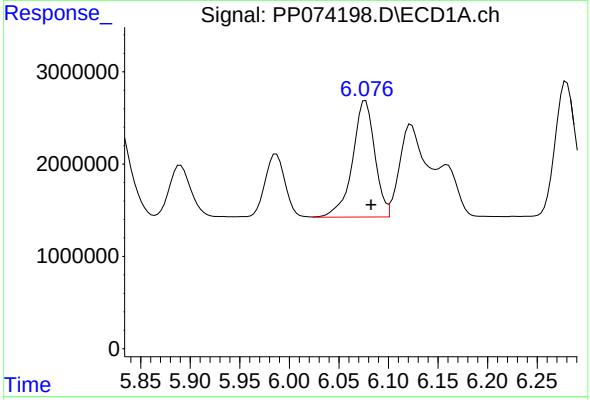
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 13951339
Conc: 498.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



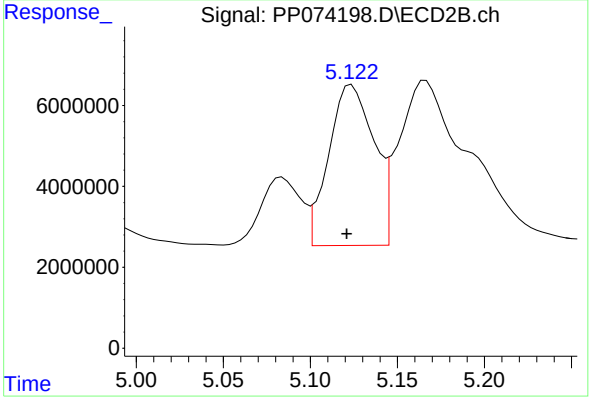
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 107627908
Conc: 503.09 ng/ml



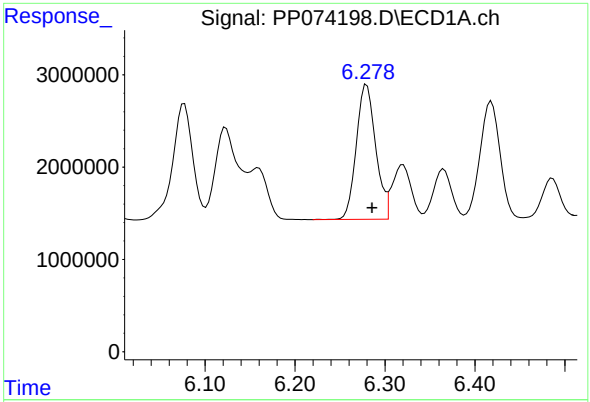
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 19721117
Conc: 489.83 ng/ml



#22 AR-1248-2

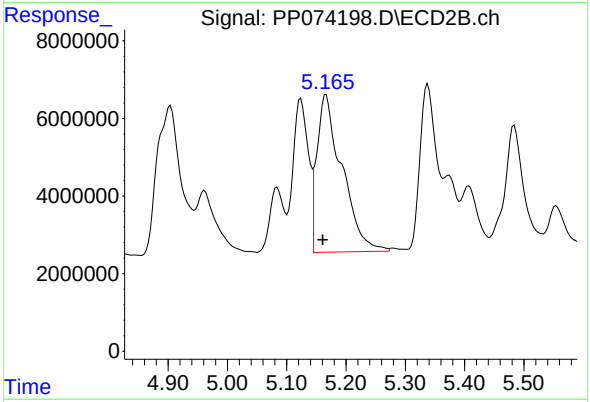
R.T.: 5.124 min
Delta R.T.: 0.003 min
Response: 71900356
Conc: 491.42 ng/ml



#23 AR-1248-3

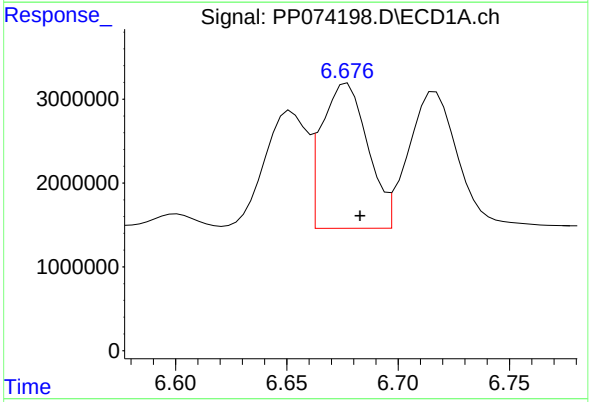
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 21866877
Conc: 490.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



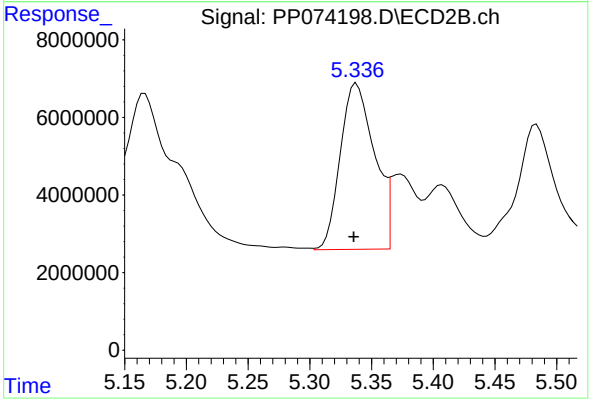
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: 0.005 min
Response: 119600410
Conc: 697.54 ng/ml



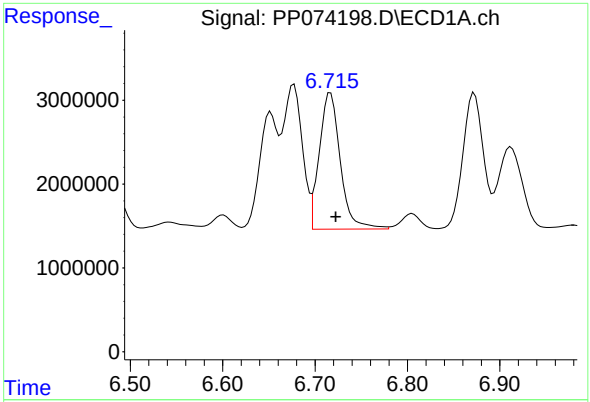
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 24961771
Conc: 479.69 ng/ml



#24 AR-1248-4

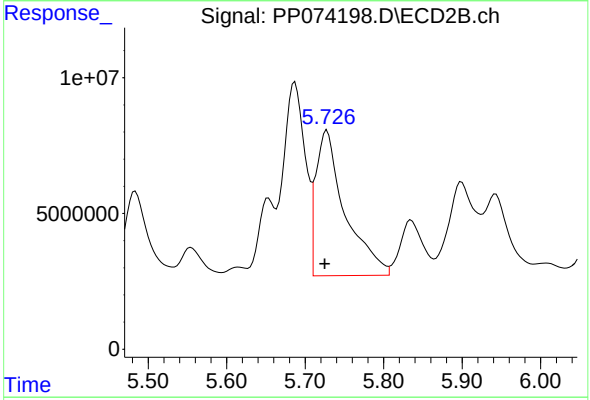
R.T.: 5.338 min
Delta R.T.: 0.002 min
Response: 82403417
Conc: 495.29 ng/ml



#25 AR-1248-5

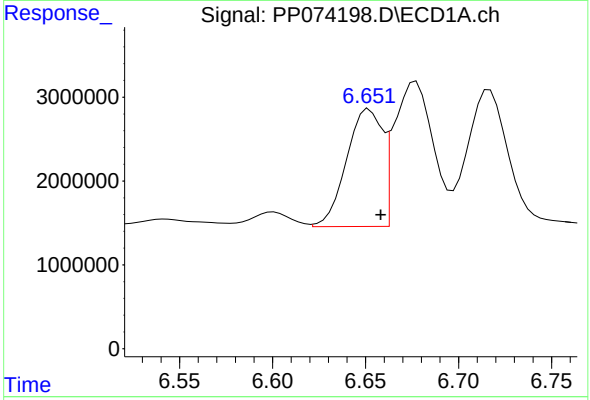
R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 25702187
Conc: 451.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



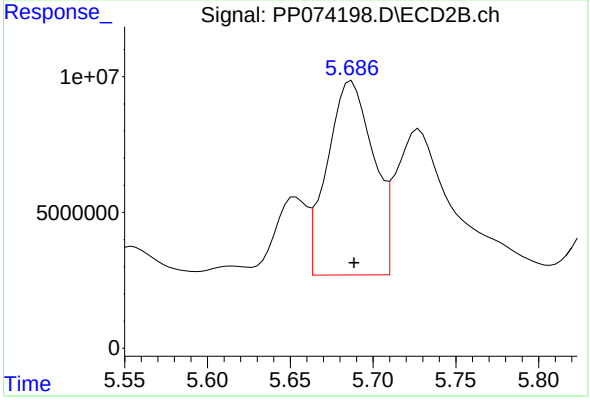
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: 0.003 min
Response: 138190942
Conc: 474.94 ng/ml



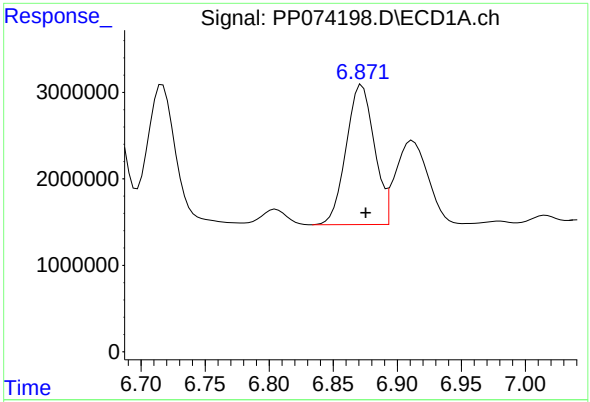
#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 18801746
Conc: 357.17 ng/ml



#26 AR-1254-1

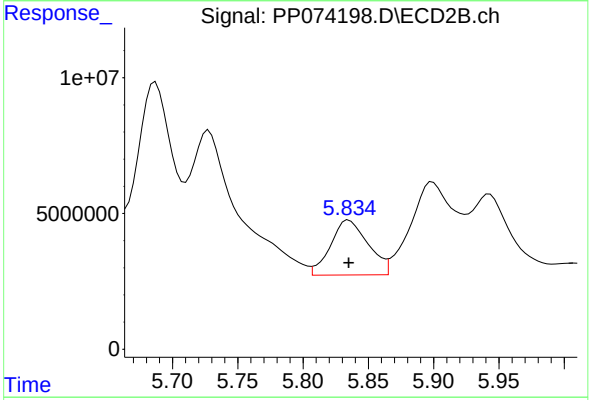
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 138282114
Conc: 377.63 ng/ml



#27 AR-1254-2

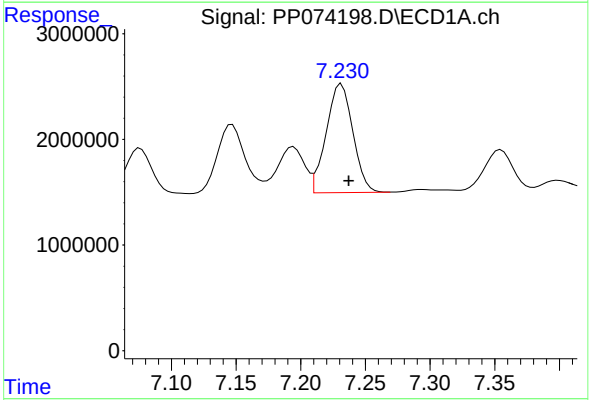
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 24743862
Conc: 311.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



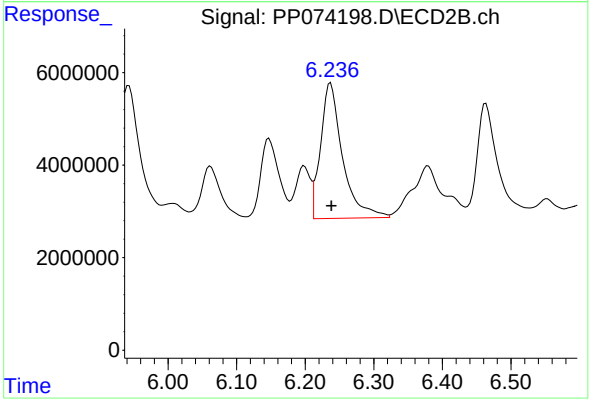
#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 40537134
Conc: 145.70 ng/ml



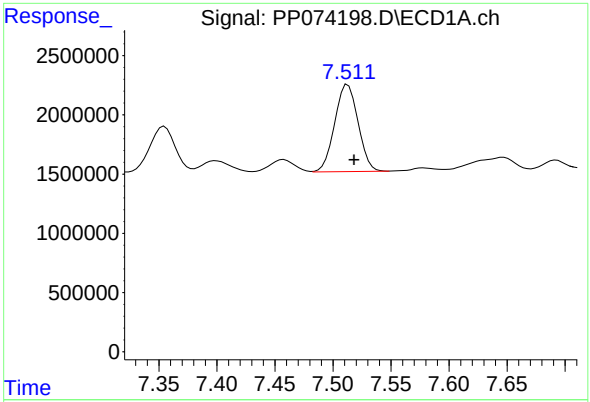
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 14735660
Conc: 168.76 ng/ml



#28 AR-1254-3

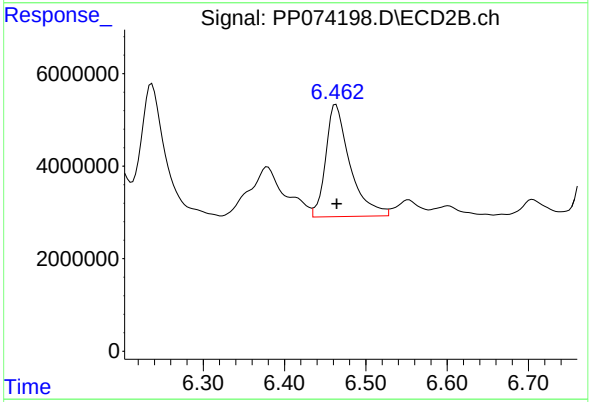
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 64978966
Conc: 132.82 ng/ml



#29 AR-1254-4

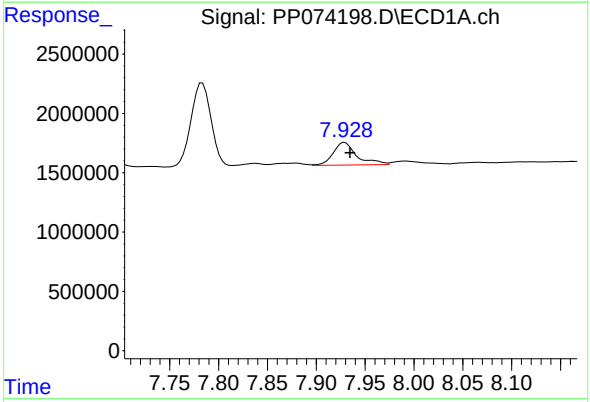
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 10302906
Conc: 161.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



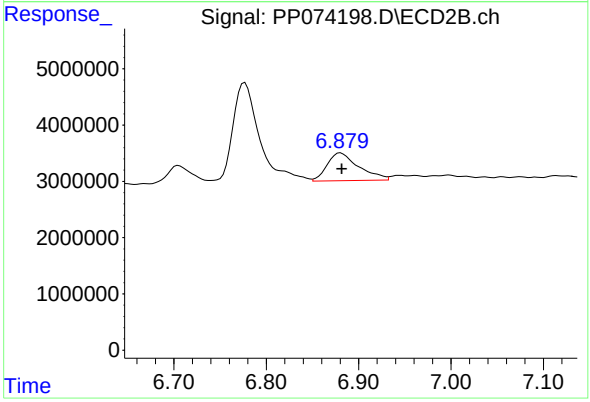
#29 AR-1254-4

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 50381758
Conc: 137.07 ng/ml



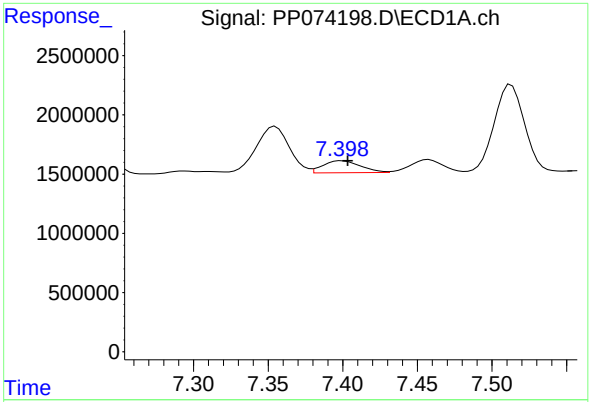
#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 3244004
Conc: 39.98 ng/ml



#30 AR-1254-5

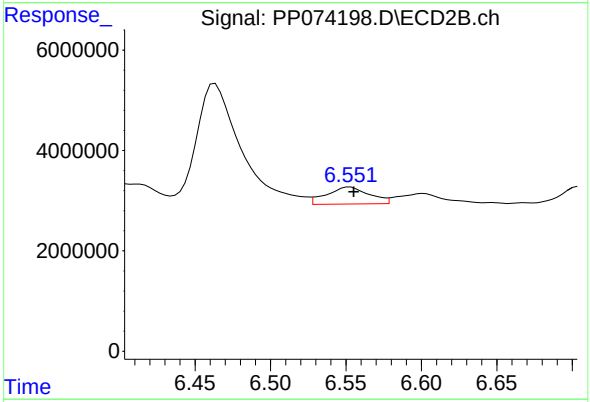
R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 11795878
Conc: 30.01 ng/ml



#31 AR-1260-1

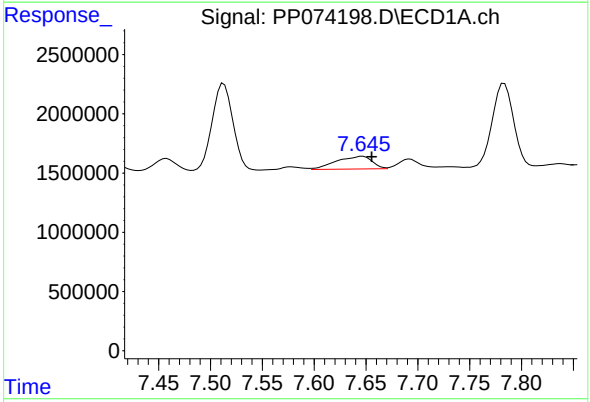
R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 1774018
Conc: 31.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



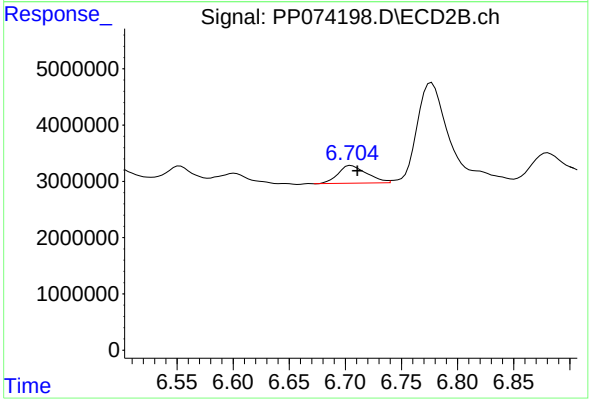
#31 AR-1260-1

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 6643855
Conc: 16.45 ng/ml



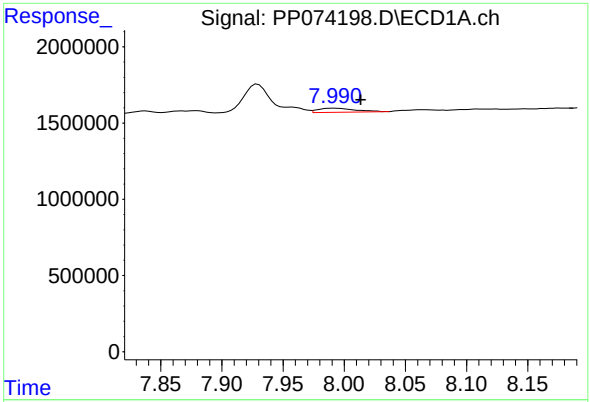
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: -0.009 min
Response: 2585395
Conc: 37.94 ng/ml



#32 AR-1260-2

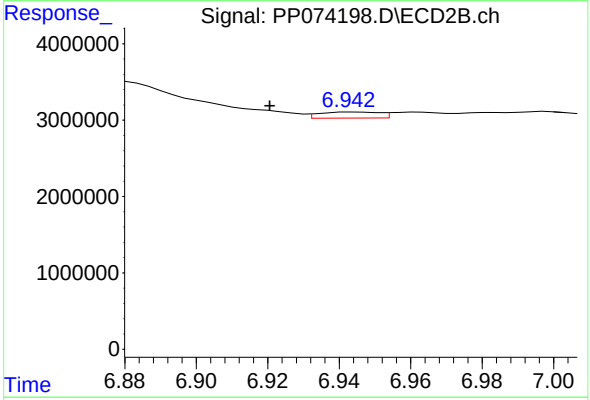
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 5608459
Conc: 17.94 ng/ml



#33 AR-1260-3

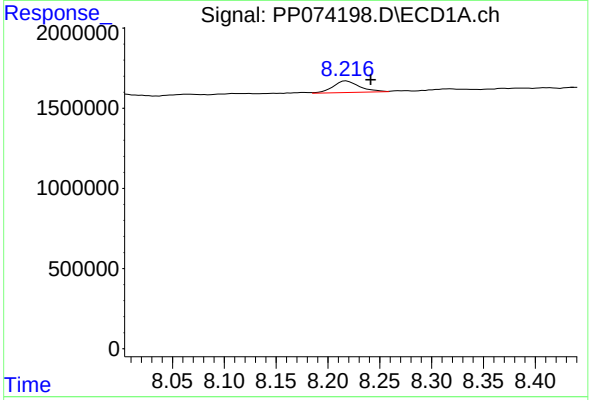
R.T.: 7.992 min
Delta R.T.: -0.022 min
Response: 551589
Conc: 10.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



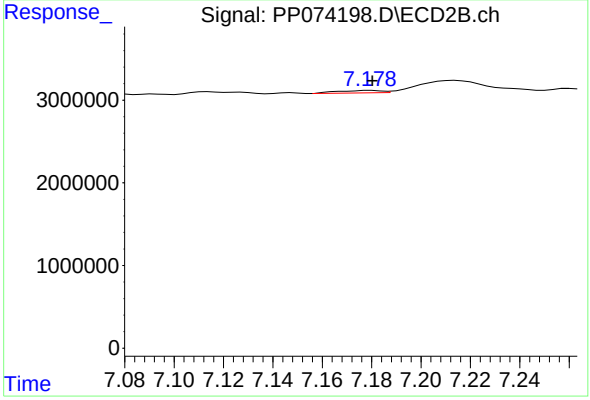
#33 AR-1260-3

R.T.: 6.944 min
Delta R.T.: 0.023 min
Response: 930831
Conc: 2.36 ng/ml



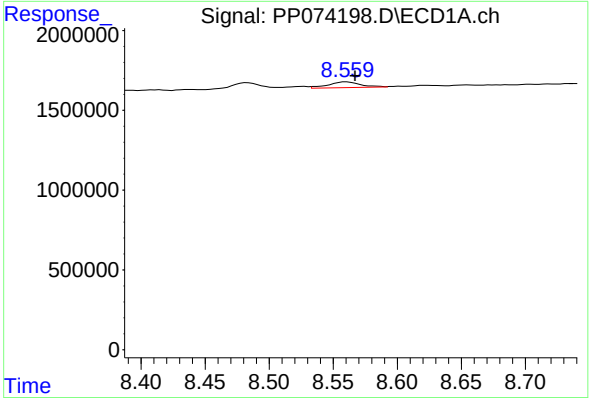
#34 AR-1260-4

R.T.: 8.218 min
Delta R.T.: -0.024 min
Response: 1285874
Conc: 20.54 ng/ml



#34 AR-1260-4

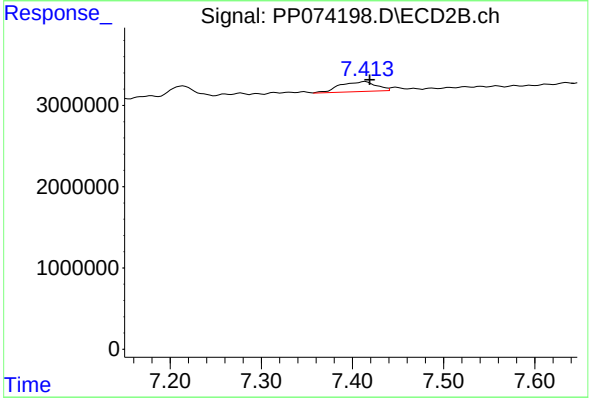
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 371059
Conc: 1.28 ng/ml



#35 AR-1260-5

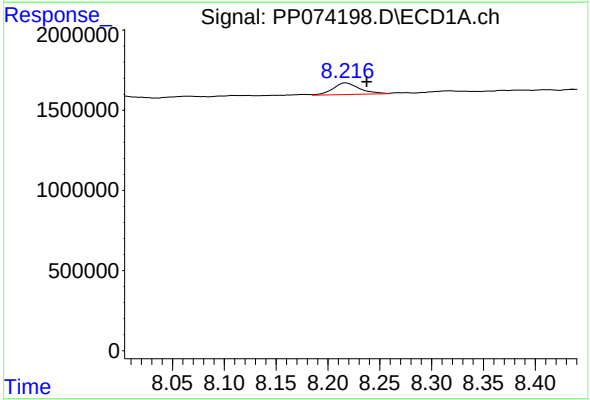
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 634334
Conc: 5.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



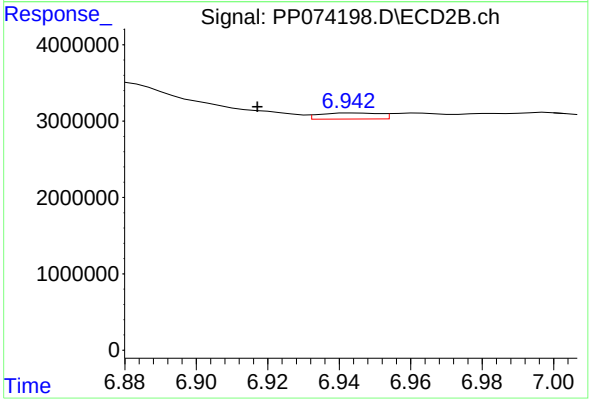
#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 3370499
Conc: 4.45 ng/ml



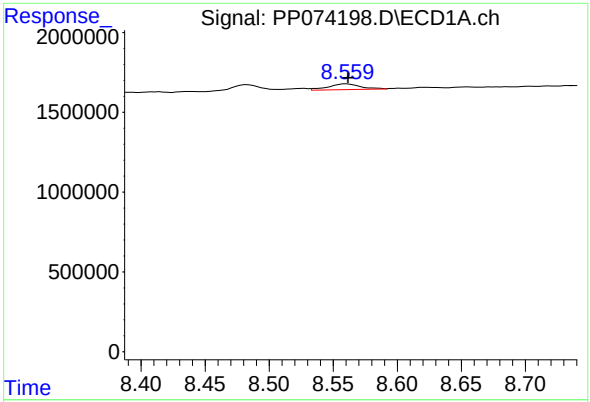
#36 AR-1262-1

R.T.: 8.218 min
Delta R.T.: -0.020 min
Response: 1285874
Conc: 16.97 ng/ml



#36 AR-1262-1

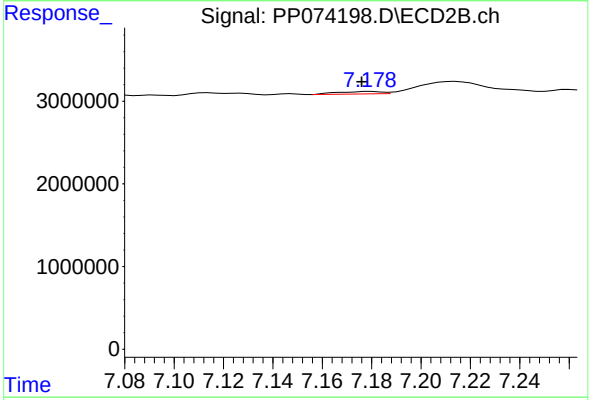
R.T.: 6.944 min
Delta R.T.: 0.027 min
Response: 930831
Conc: 1.65 ng/ml



#37 AR-1262-2

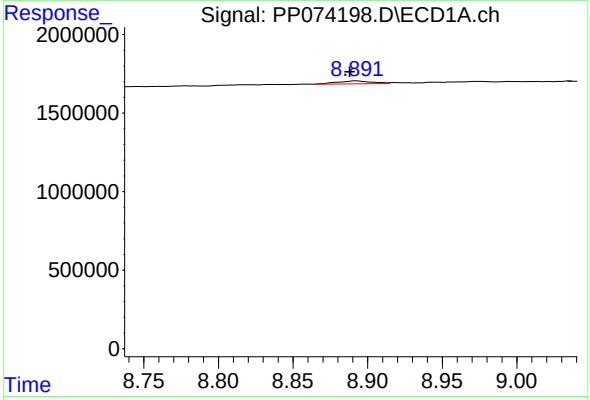
R.T.: 8.560 min
Delta R.T.: -0.001 min
Response: 634334
Conc: 4.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



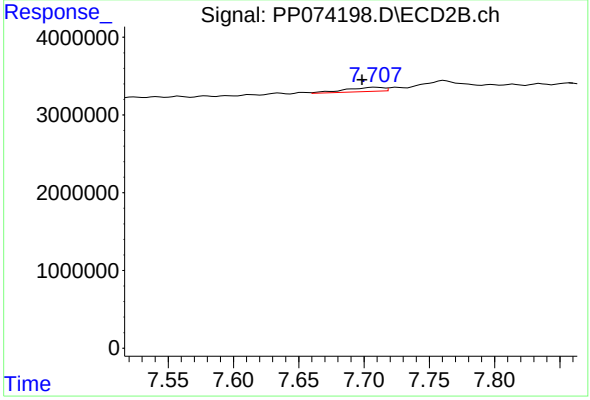
#37 AR-1262-2

R.T.: 7.180 min
Delta R.T.: 0.004 min
Response: 371059
Conc: 0.93 ng/ml



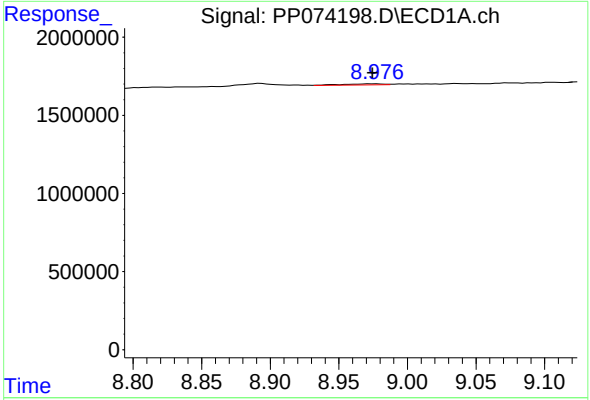
#38 AR-1262-3

R.T.: 8.893 min
Delta R.T.: 0.005 min
Response: 288755
Conc: 3.07 ng/ml



#38 AR-1262-3

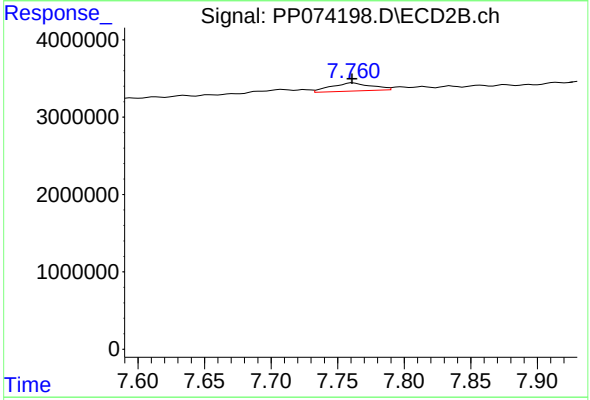
R.T.: 7.709 min
Delta R.T.: 0.010 min
Response: 1070831
Conc: 2.98 ng/ml



#39 AR-1262-4

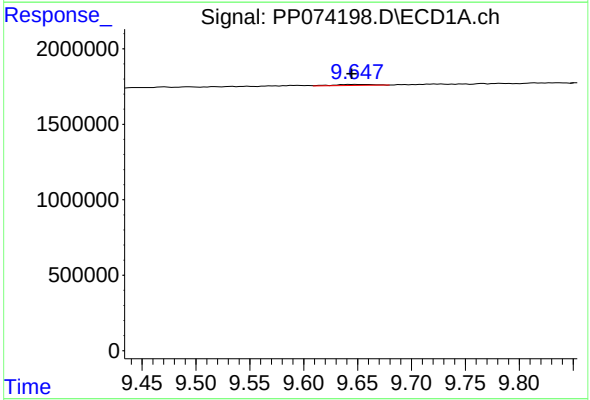
R.T.: 8.977 min
Delta R.T.: 0.003 min
Response: 139747
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



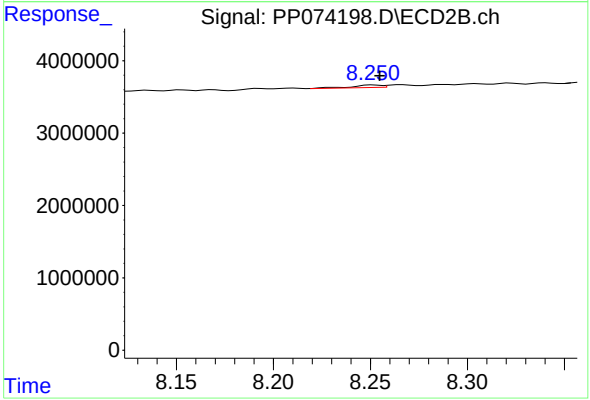
#39 AR-1262-4

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 2246909
Conc: 3.37 ng/ml



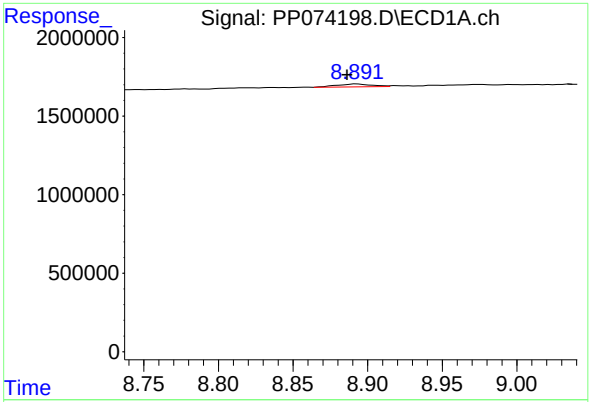
#40 AR-1262-5

R.T.: 9.649 min
Delta R.T.: 0.004 min
Response: 183150
Conc: 3.60 ng/ml



#40 AR-1262-5

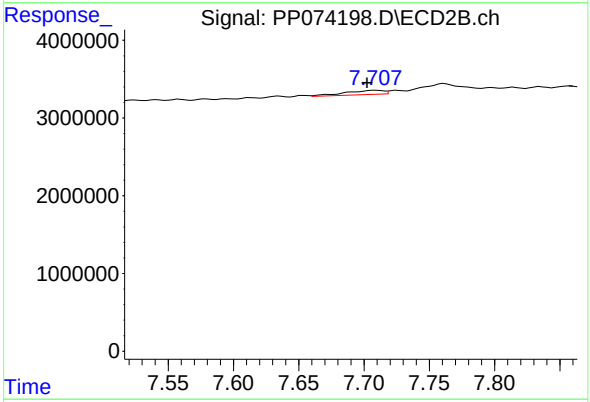
R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 374345
Conc: 1.32 ng/ml



#41 AR-1268-1

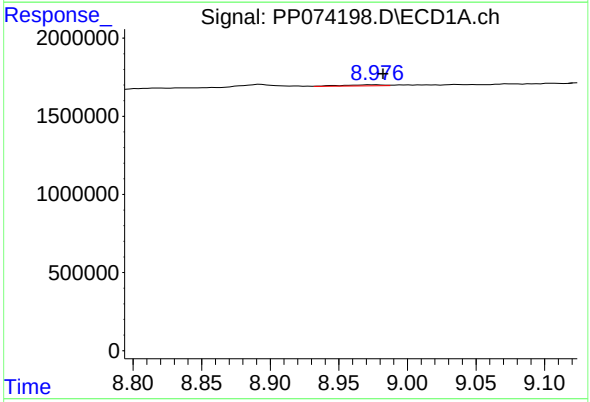
R.T.: 8.893 min
Delta R.T.: 0.006 min
Response: 288755
Conc: 1.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



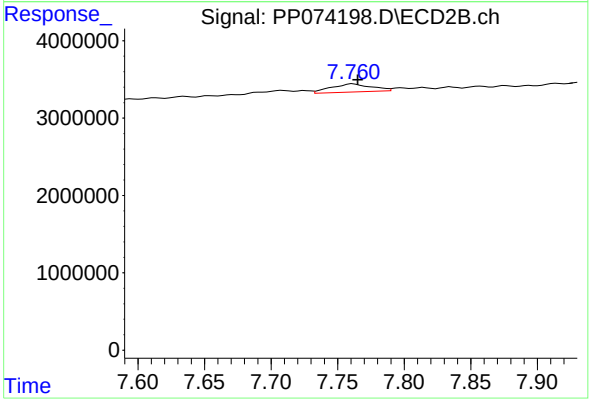
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.006 min
Response: 1070831
Conc: 0.98 ng/ml



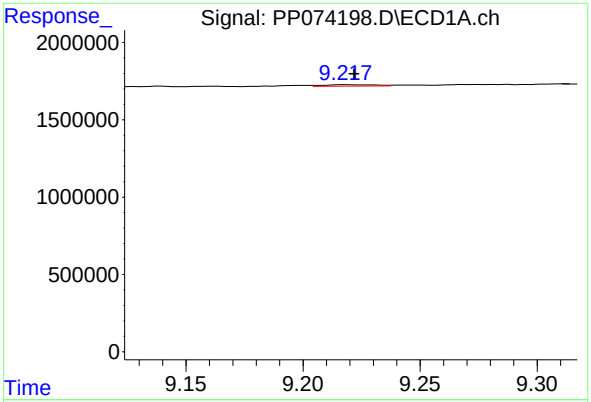
#42 AR-1268-2

R.T.: 8.977 min
Delta R.T.: -0.005 min
Response: 139747
Conc: 0.97 ng/ml



#42 AR-1268-2

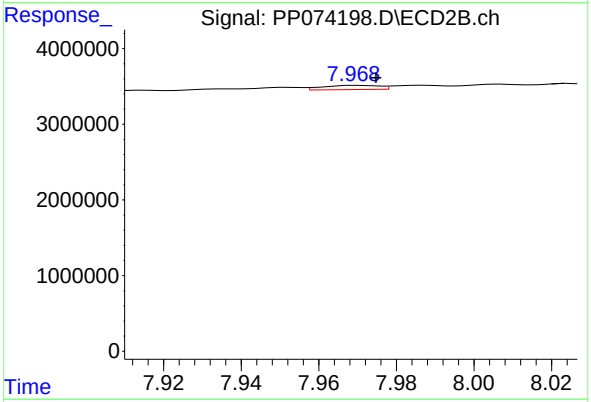
R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 2246909
Conc: 2.12 ng/ml



#43 AR-1268-3

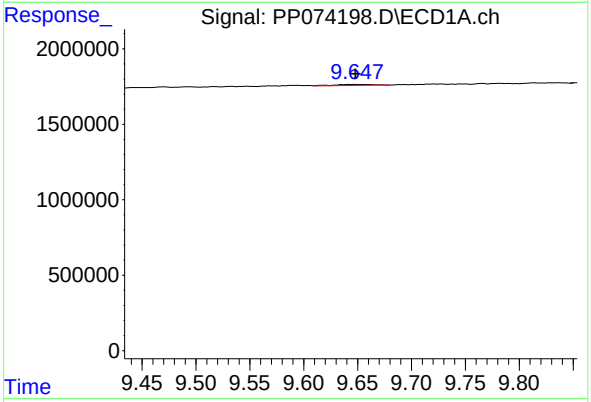
R.T.: 9.218 min
Delta R.T.: -0.003 min
Response: 135596
Conc: 1.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1248



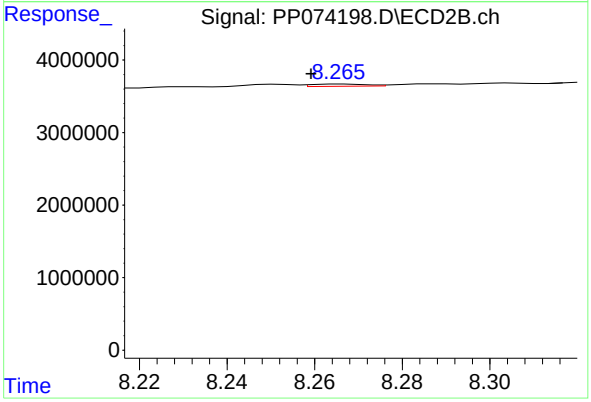
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: -0.005 min
Response: 547484
Conc: 0.66 ng/ml



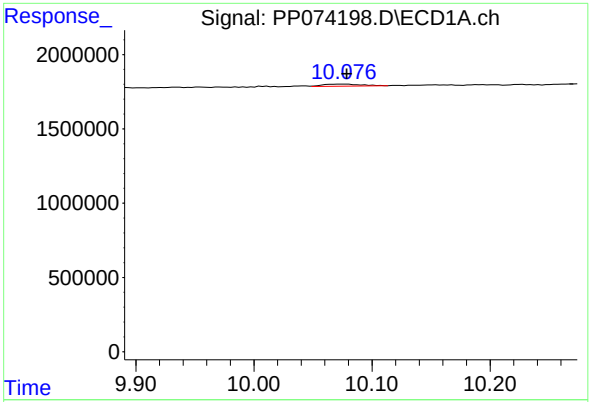
#44 AR-1268-4

R.T.: 9.649 min
Delta R.T.: 0.001 min
Response: 183150
Conc: 3.11 ng/ml



#44 AR-1268-4

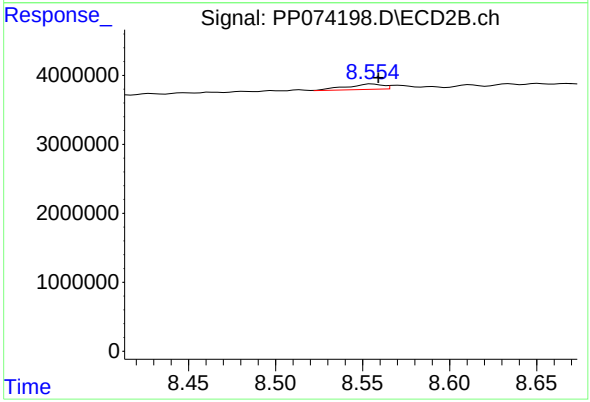
R.T.: 8.266 min
Delta R.T.: 0.007 min
Response: 263062
Conc: 0.85 ng/ml



#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.

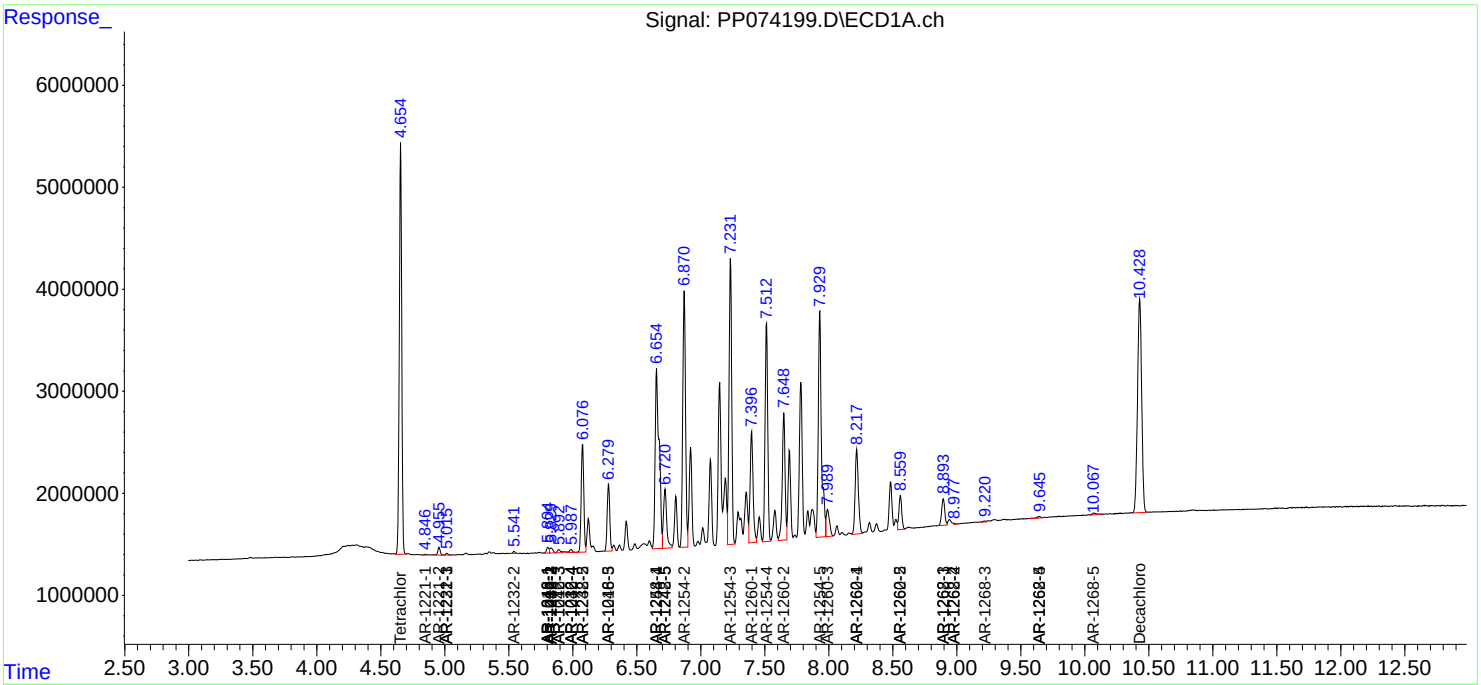
Quantitation Report (Not Reviewed)

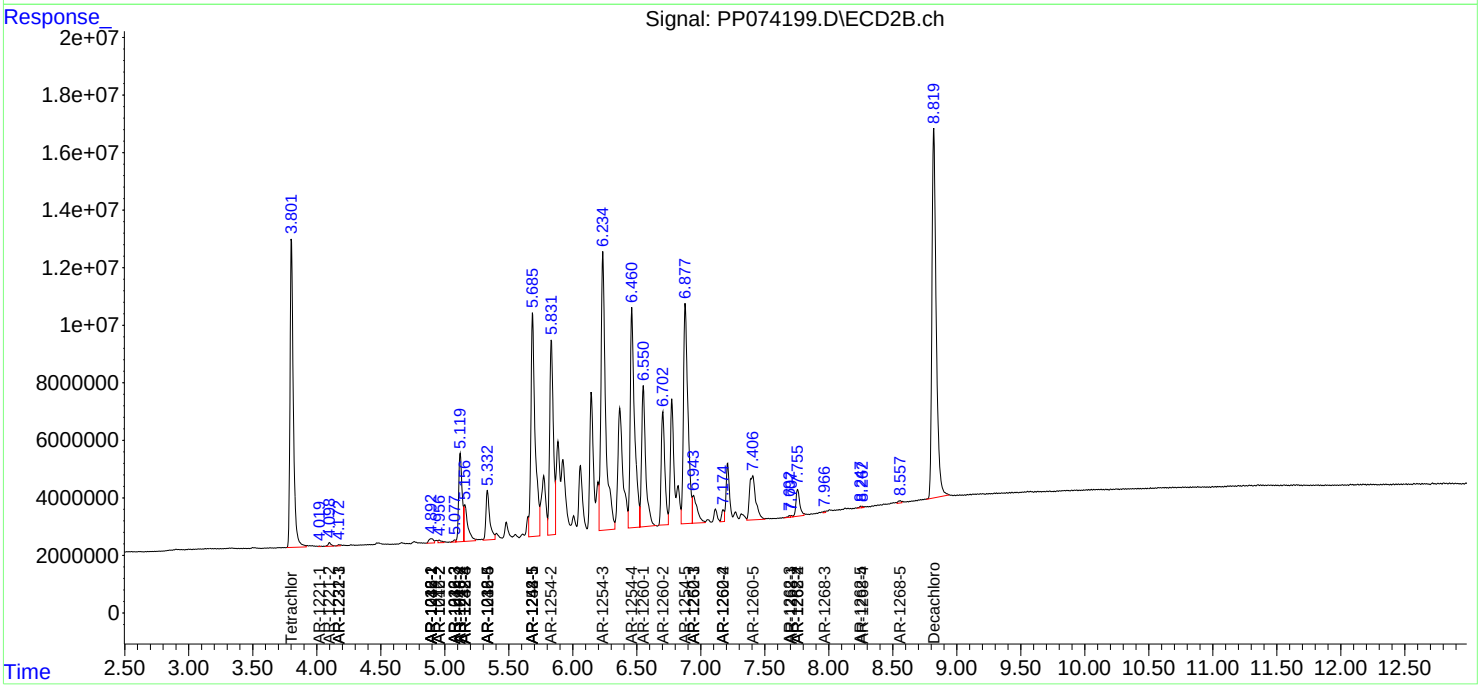
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

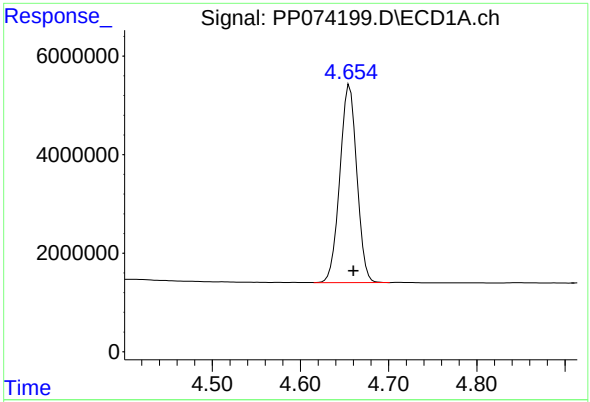
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

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



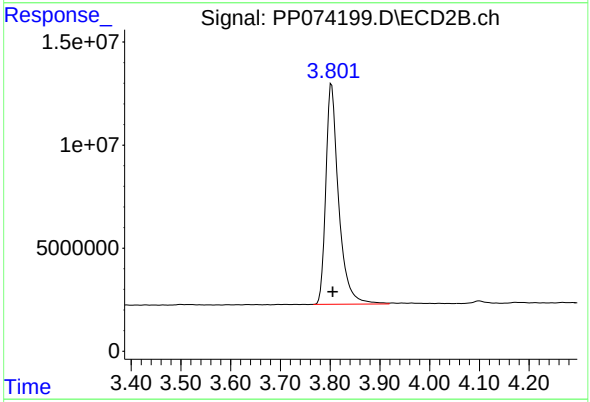




#1 Tetrachloro-m-xylene

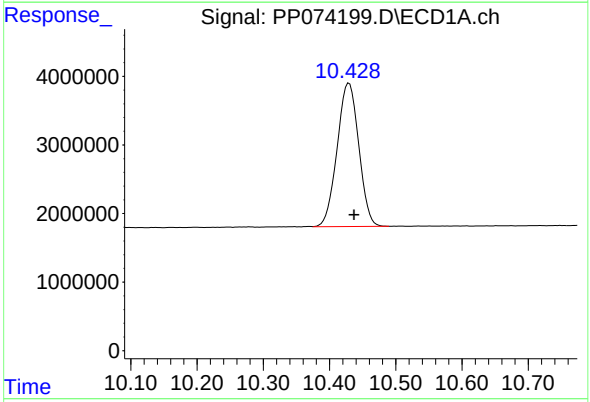
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



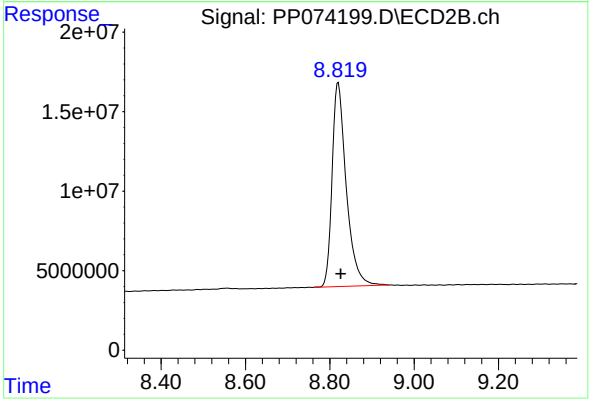
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 191609515
Conc: 49.97 ng/ml



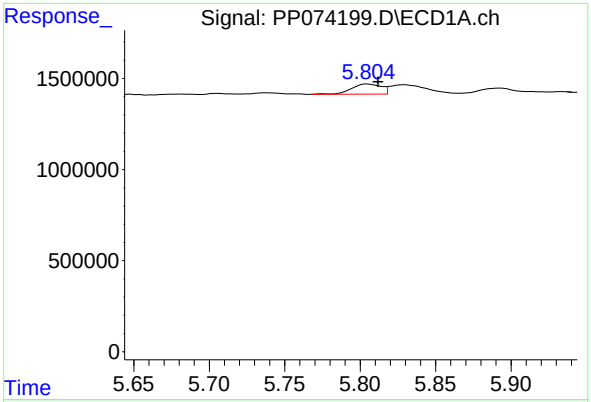
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

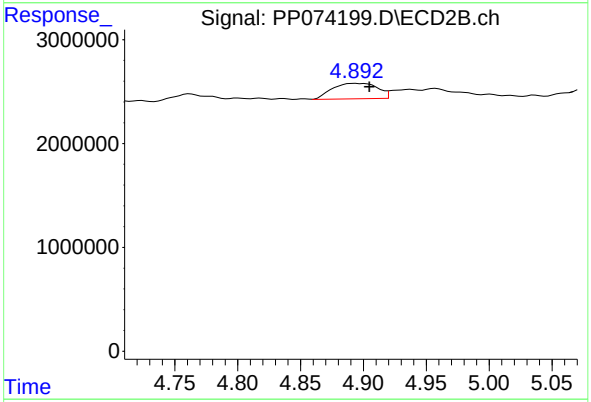
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



#3 AR-1016-1

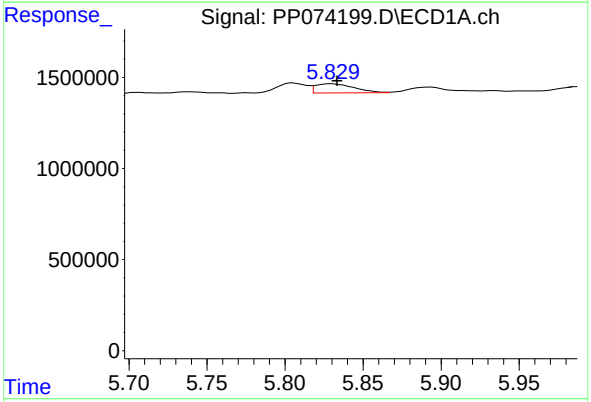
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 745970
Conc: 18.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



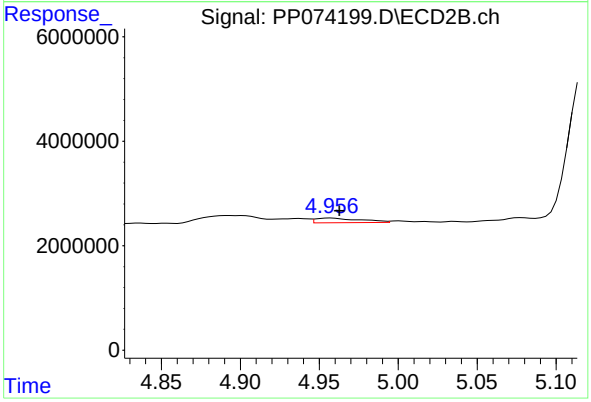
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 9.35 ng/ml



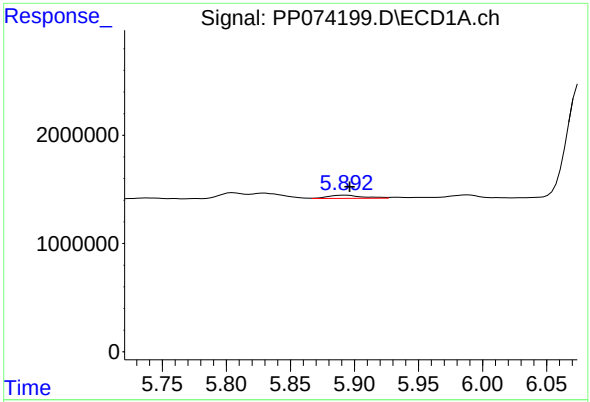
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 872142
Conc: 14.36 ng/ml



#4 AR-1016-2

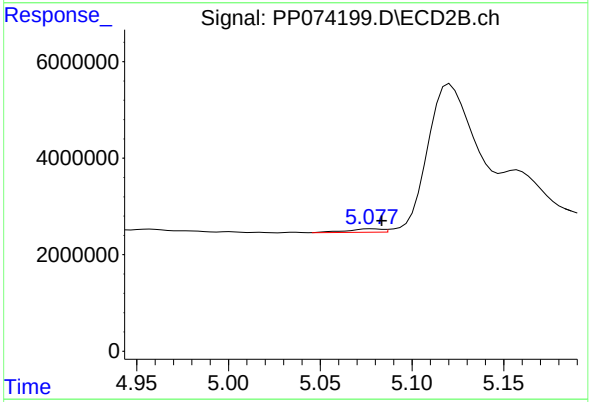
R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 9.23 ng/ml



#5 AR-1016-3

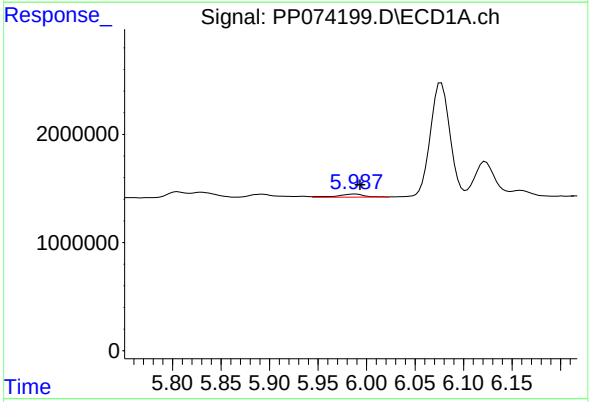
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 556819
Conc: 14.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



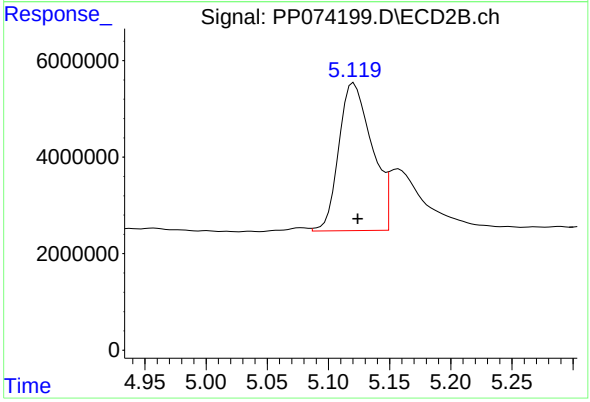
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 966758
Conc: 9.11 ng/ml



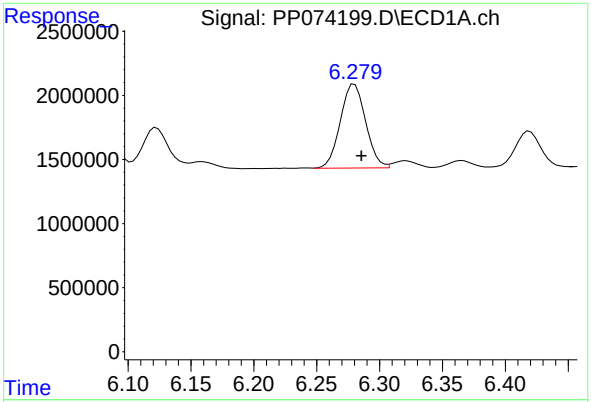
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 527061
Conc: 16.20 ng/ml



#6 AR-1016-4

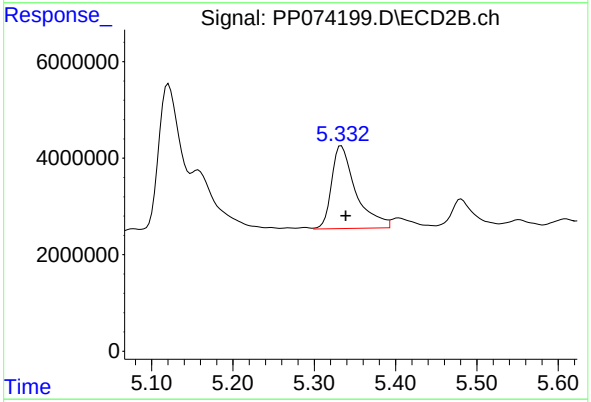
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 57719879
Conc: 528.47 ng/ml



#7 AR-1016-5

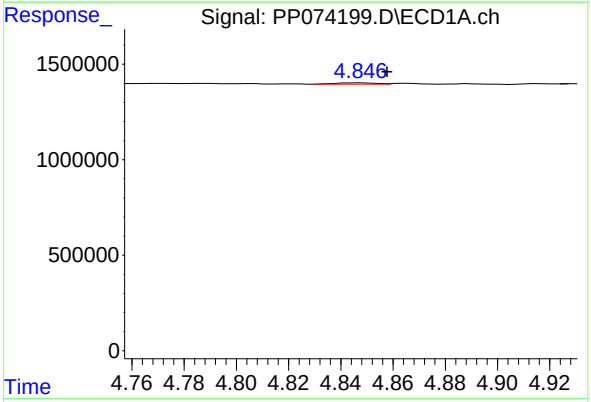
R.T.: 6.280 min
Delta R.T.: -0.005 min
Response: 9175288
Conc: 282.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



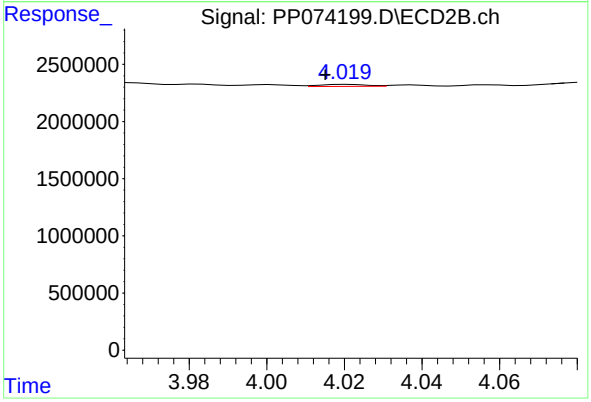
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 35534075
Conc: 303.81 ng/ml



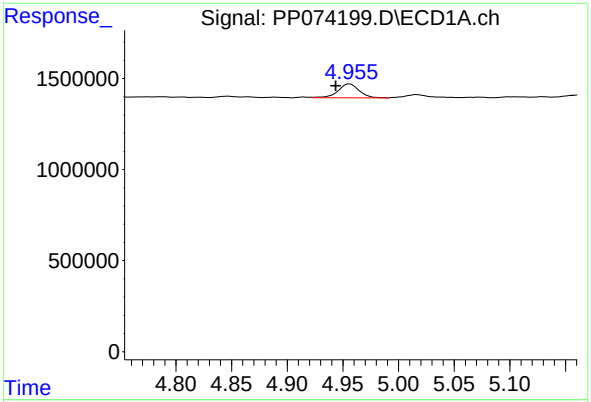
#8 AR-1221-1

R.T.: 4.848 min
Delta R.T.: -0.010 min
Response: 78676
Conc: 4.69 ng/ml



#8 AR-1221-1

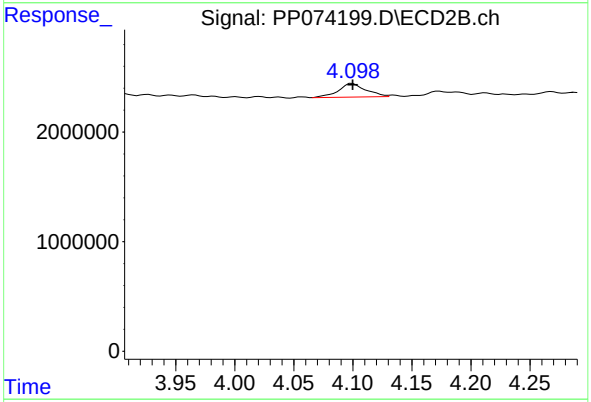
R.T.: 4.021 min
Delta R.T.: 0.006 min
Response: 154196
Conc: 3.14 ng/ml



#9 AR-1221-2

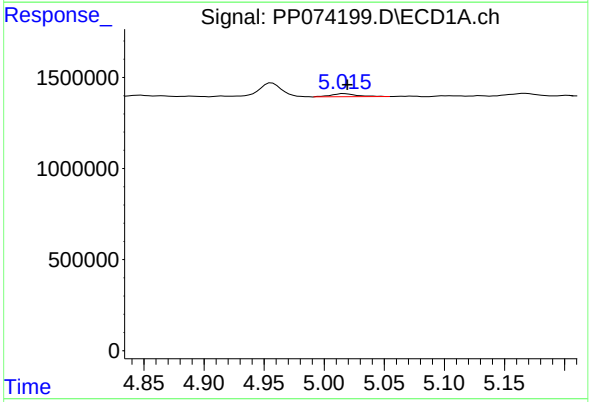
R.T.: 4.957 min
Delta R.T.: 0.013 min
Response: 993840
Conc: 78.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



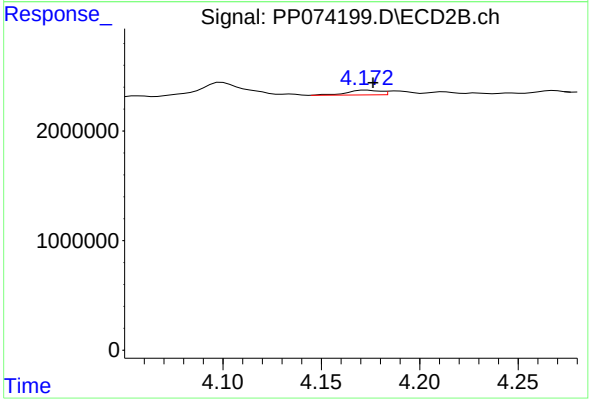
#9 AR-1221-2

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 2037869
Conc: 56.78 ng/ml



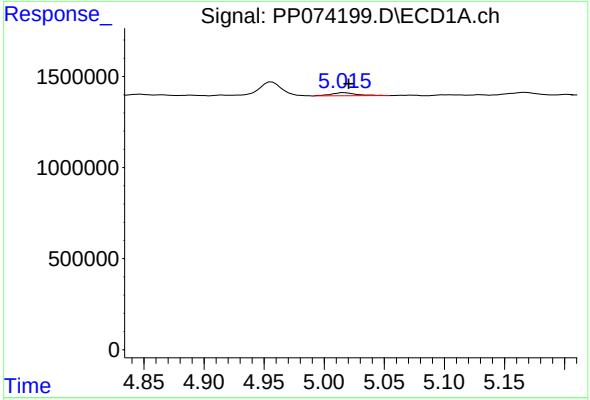
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 244539
Conc: 6.67 ng/ml



#10 AR-1221-3

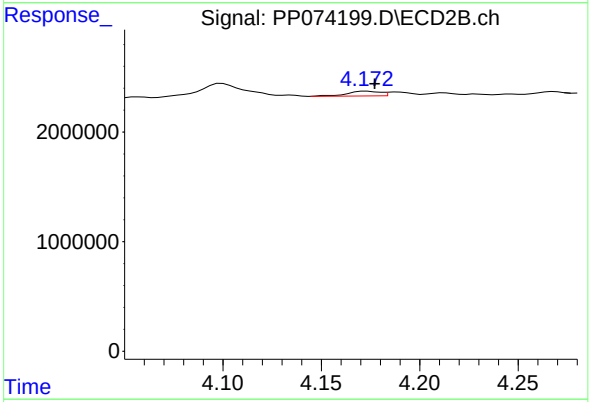
R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 504753
Conc: 3.73 ng/ml



#11 AR-1232-1

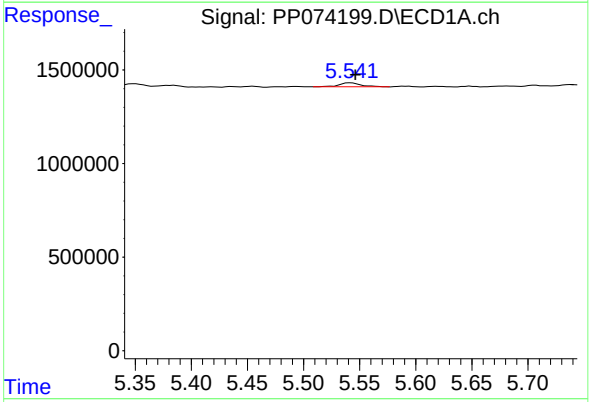
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 244539
Conc: 8.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



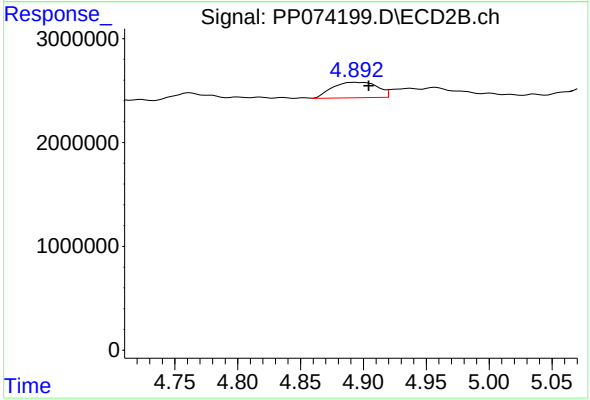
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: -0.004 min
Response: 504753
Conc: 4.98 ng/ml



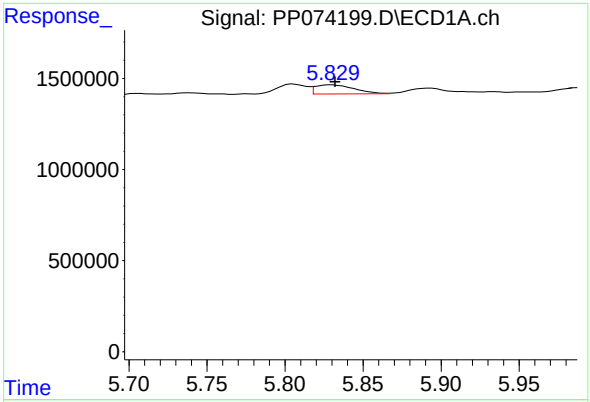
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 289072
Conc: 19.22 ng/ml



#12 AR-1232-2

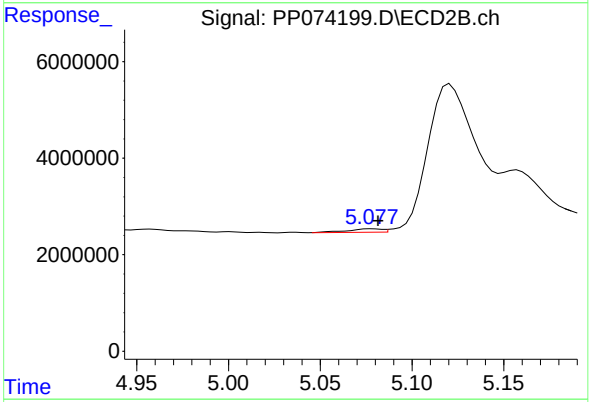
R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 21.41 ng/ml



#13 AR-1232-3

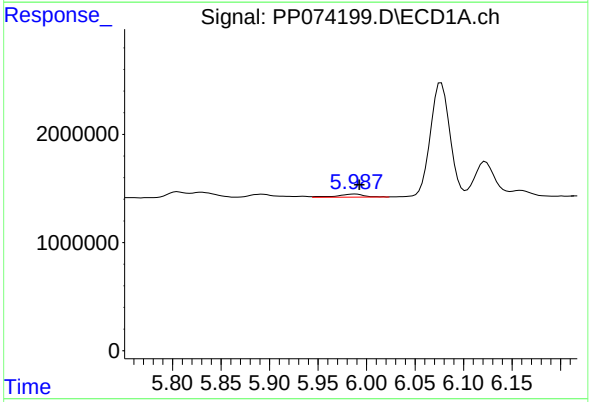
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 30.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



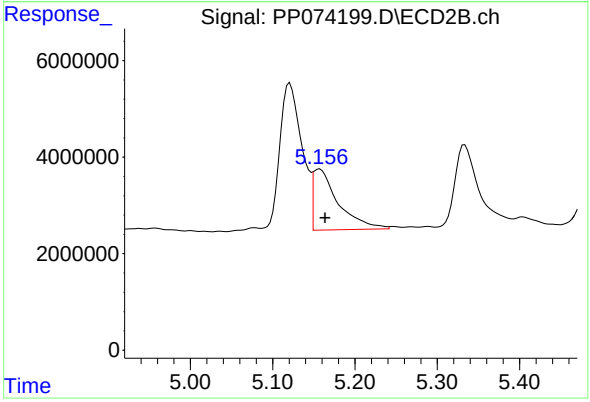
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 966758
Conc: 21.10 ng/ml



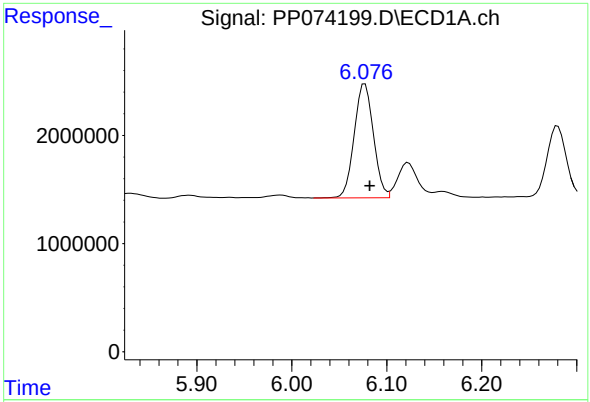
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 34.07 ng/ml



#14 AR-1232-4

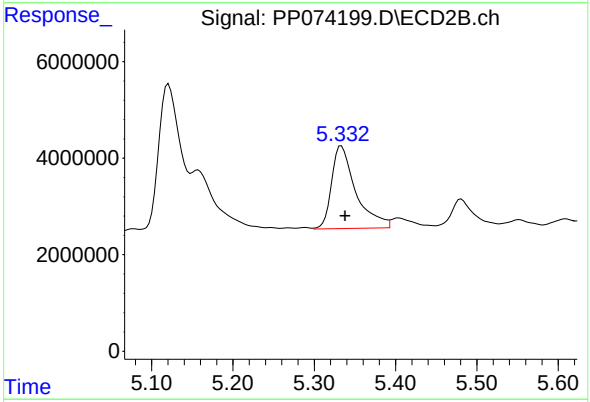
R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 26883268
Conc: 463.42 ng/ml



#15 AR-1232-5

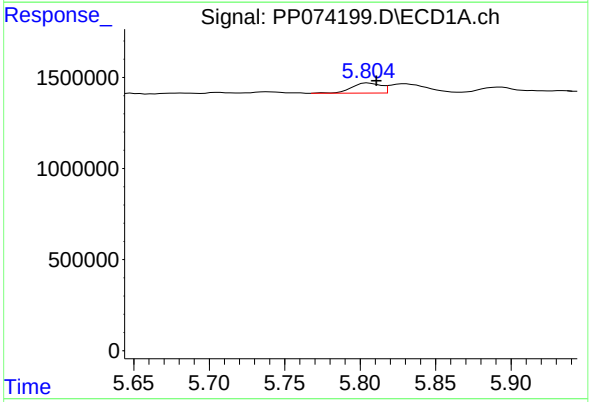
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 14812614
Conc: 1264.31 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



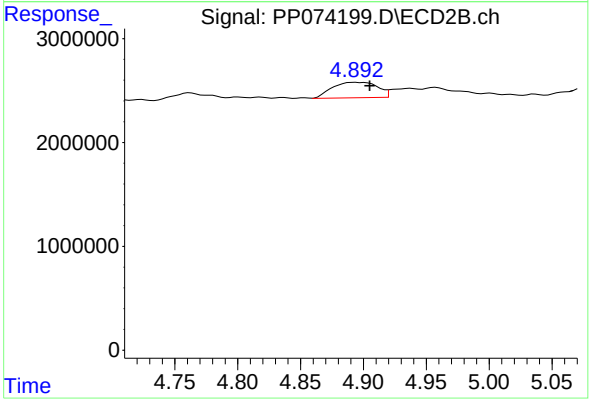
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 35534075
Conc: 756.37 ng/ml



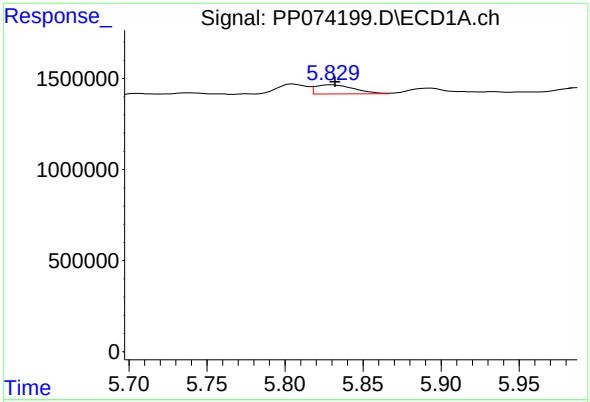
#16 AR-1242-1

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 20.02 ng/ml



#16 AR-1242-1

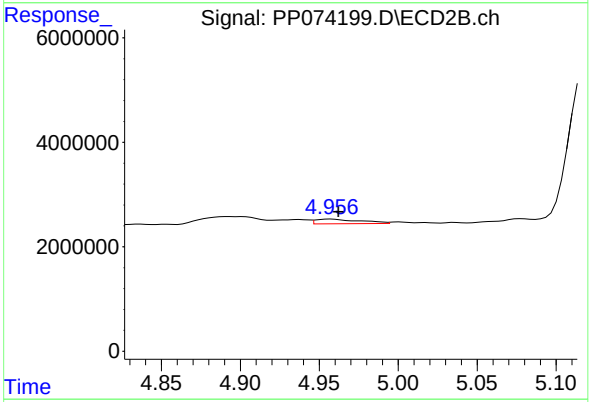
R.T.: 4.893 min
Delta R.T.: -0.012 min
Response: 3731555
Conc: 10.81 ng/ml



#17 AR-1242-2

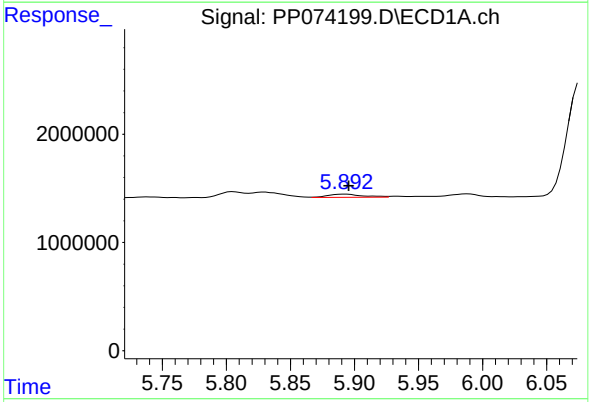
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 16.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



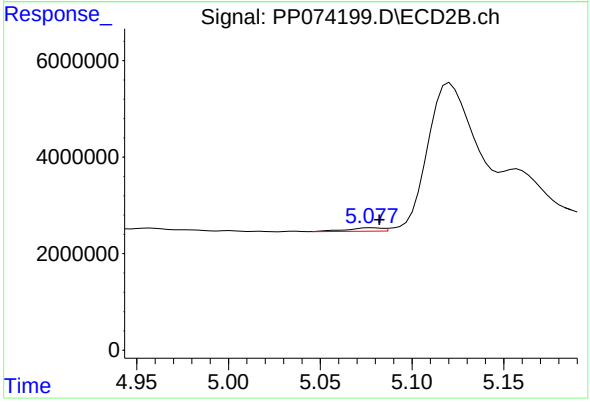
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 10.61 ng/ml



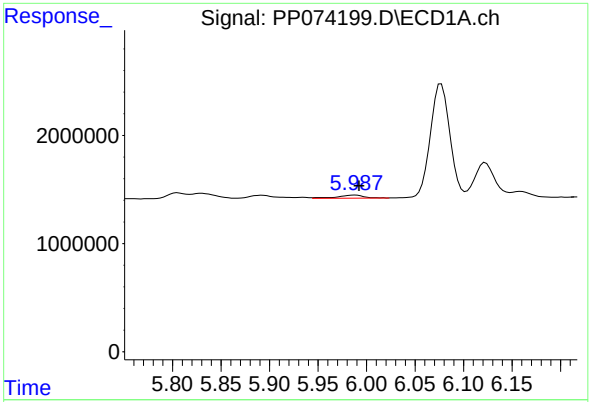
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 556819
Conc: 15.58 ng/ml



#18 AR-1242-3

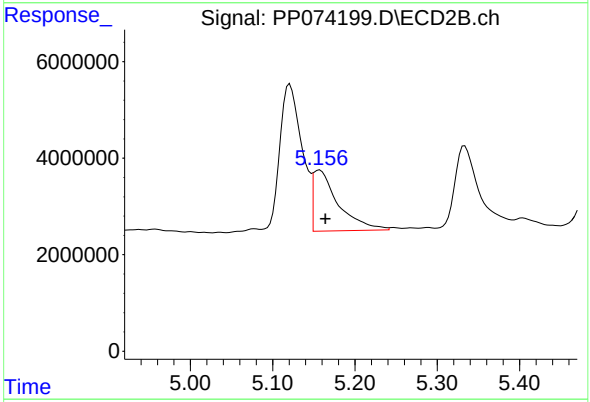
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 966758
Conc: 10.48 ng/ml



#19 AR-1242-4

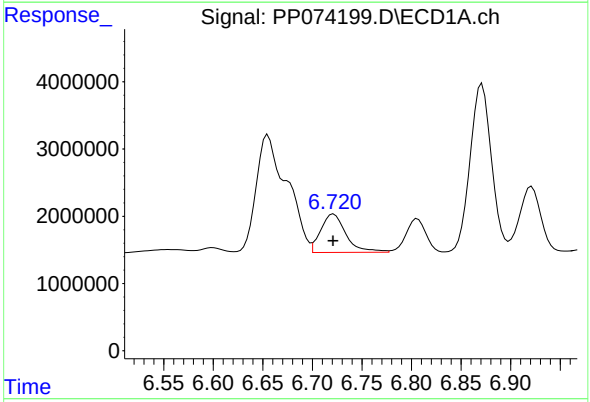
R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 18.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



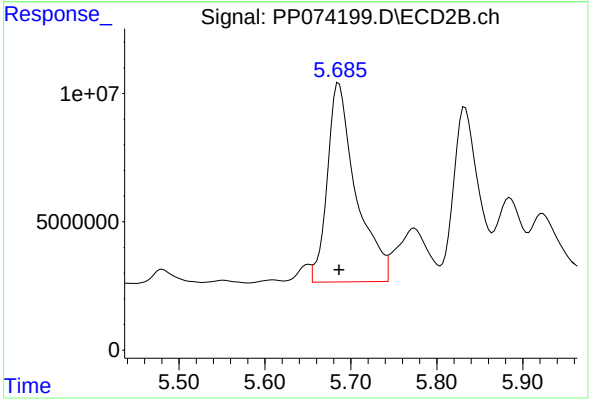
#19 AR-1242-4

R.T.: 5.157 min
Delta R.T.: -0.007 min
Response: 26883268
Conc: 225.11 ng/ml



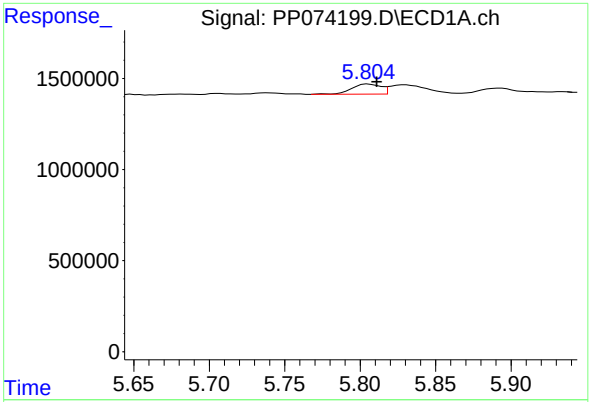
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 10174999
Conc: 286.15 ng/ml



#20 AR-1242-5

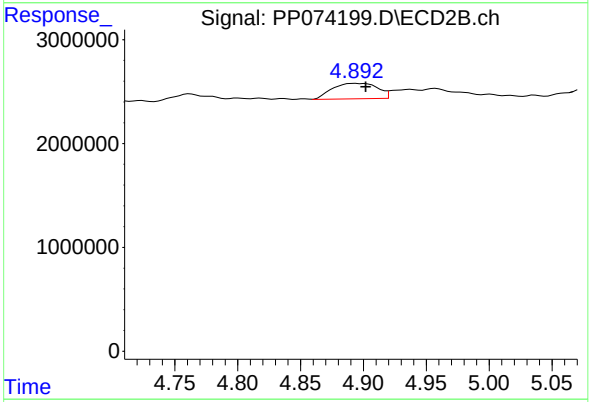
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 178511104
Conc: 1193.58 ng/ml



#21 AR-1248-1

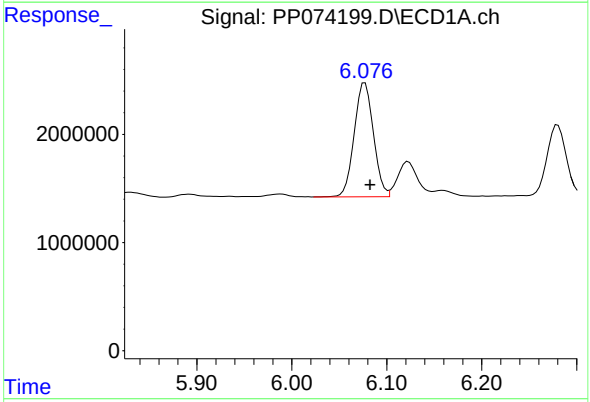
R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 26.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



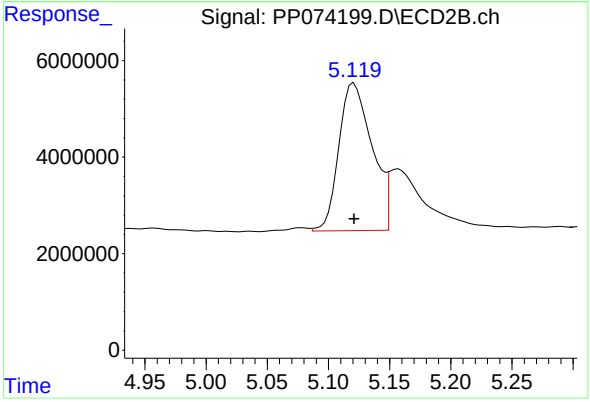
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.008 min
Response: 3731555
Conc: 17.44 ng/ml



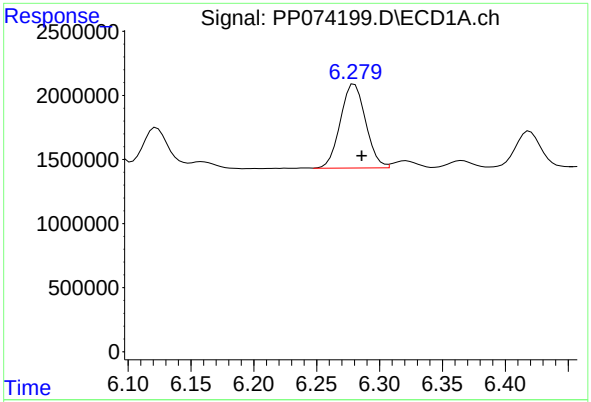
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 14812614
Conc: 367.91 ng/ml



#22 AR-1248-2

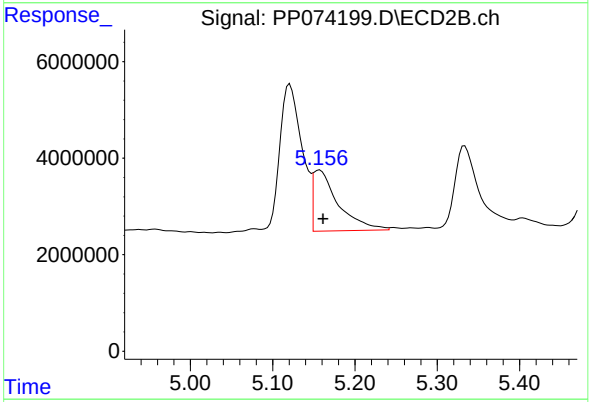
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 57719879
Conc: 394.50 ng/ml



#23 AR-1248-3

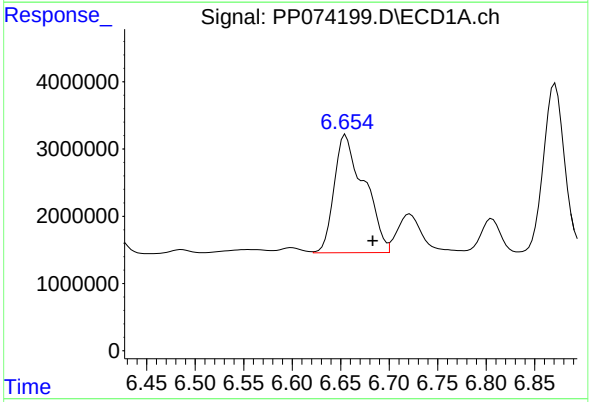
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 9175288
Conc: 205.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



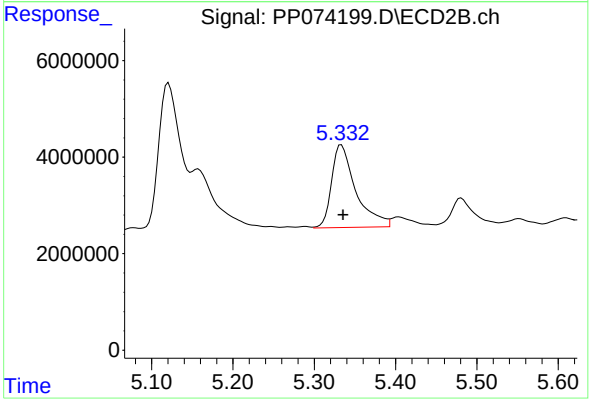
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 26883268
Conc: 156.79 ng/ml



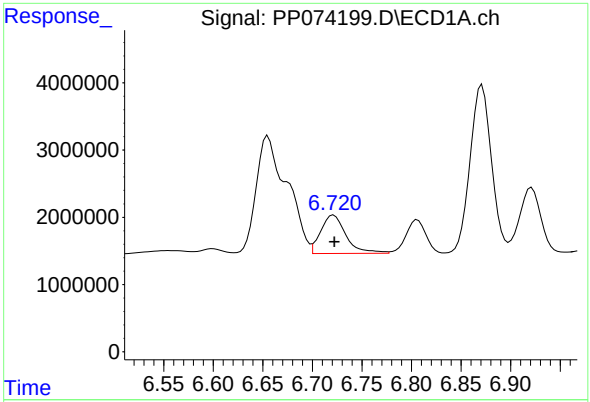
#24 AR-1248-4

R.T.: 6.655 min
Delta R.T.: -0.028 min
Response: 37990866
Conc: 730.07 ng/ml



#24 AR-1248-4

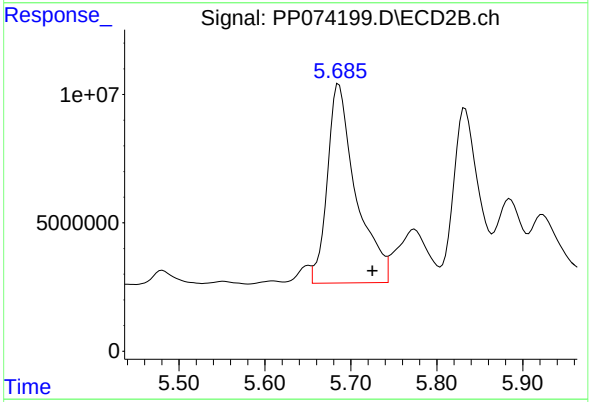
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 35534075
Conc: 213.58 ng/ml



#25 AR-1248-5

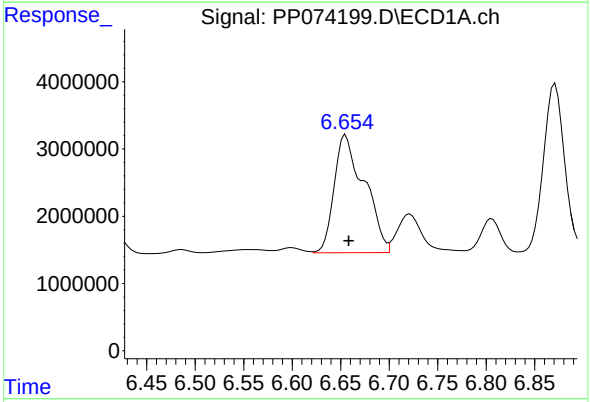
R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 10174999
Conc: 178.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



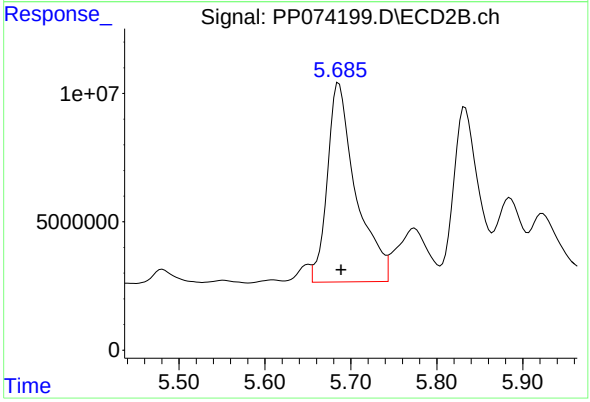
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.039 min
Response: 178511104
Conc: 613.51 ng/ml



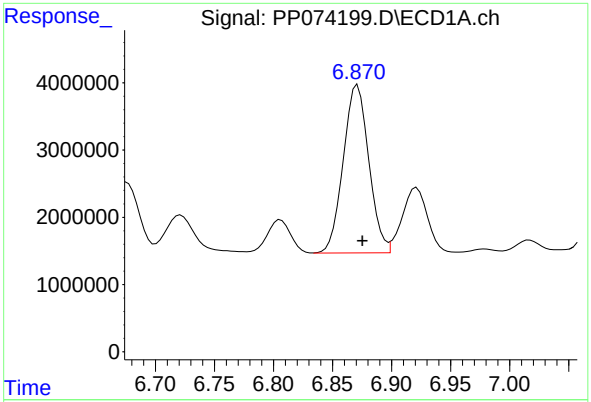
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 37990866
Conc: 721.70 ng/ml



#26 AR-1254-1

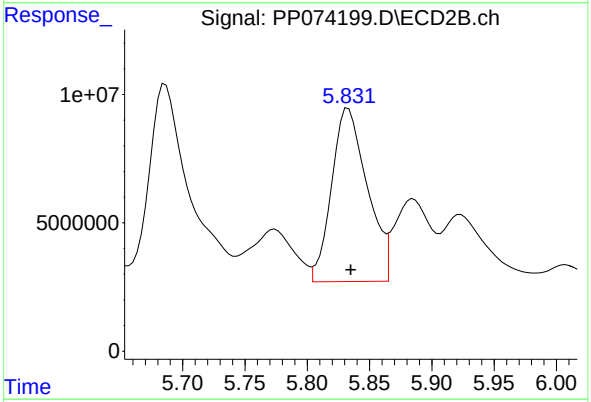
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



#27 AR-1254-2

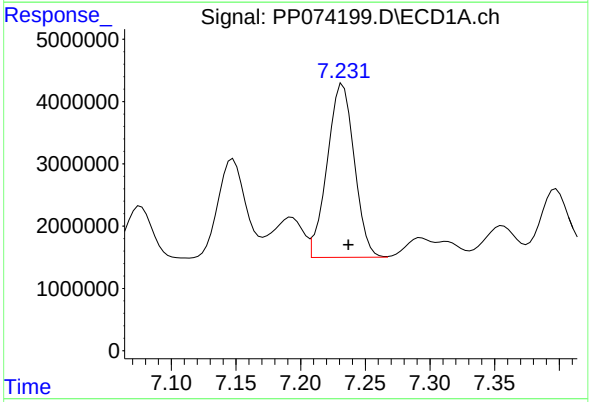
R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



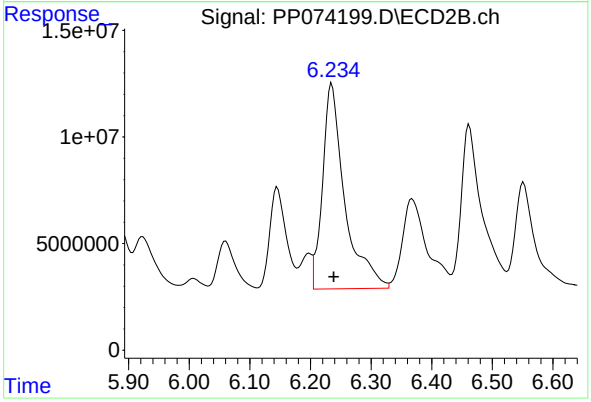
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



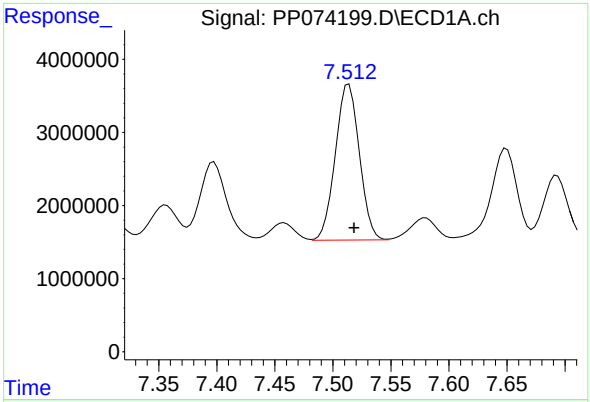
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml



#28 AR-1254-3

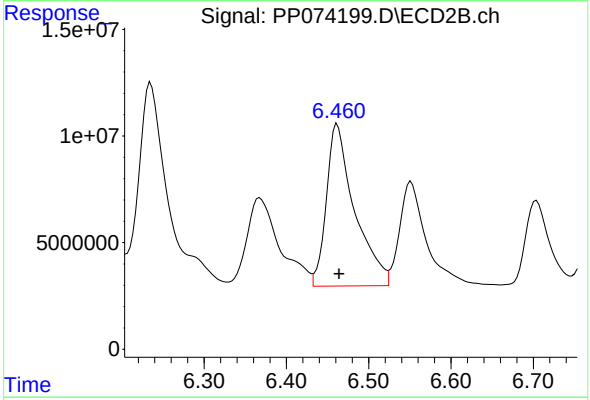
R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



#29 AR-1254-4

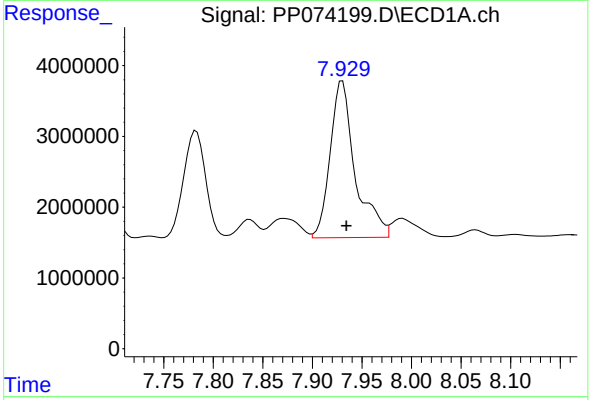
R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



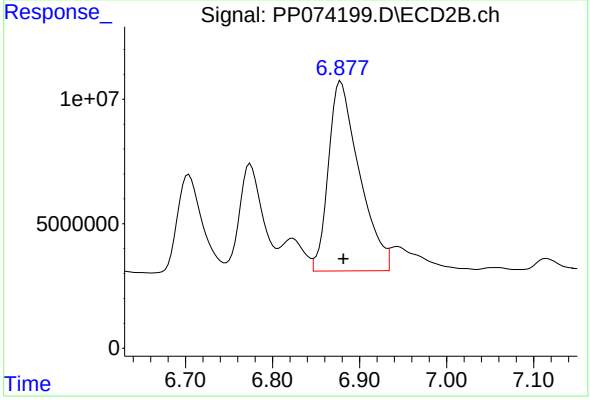
#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



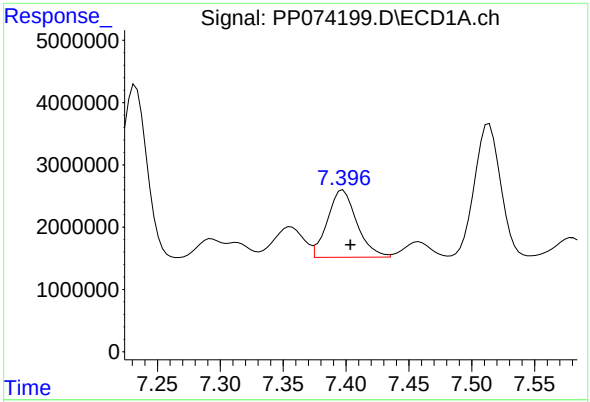
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml



#30 AR-1254-5

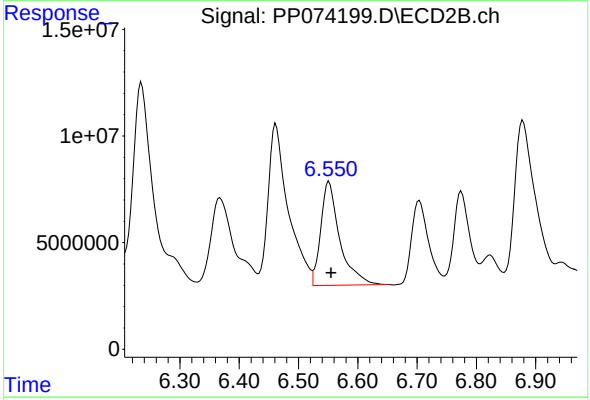
R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 188193102
Conc: 478.75 ng/ml



#31 AR-1260-1

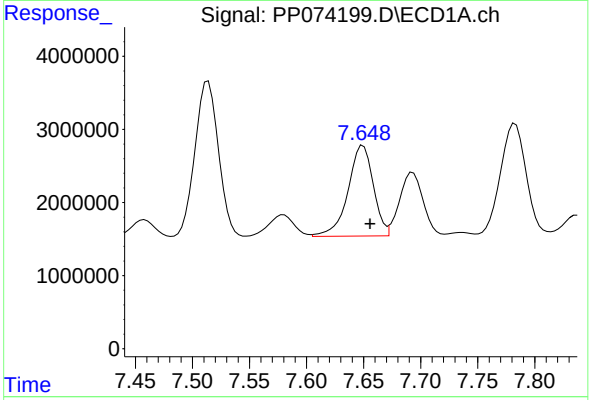
R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 17543251
Conc: 311.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



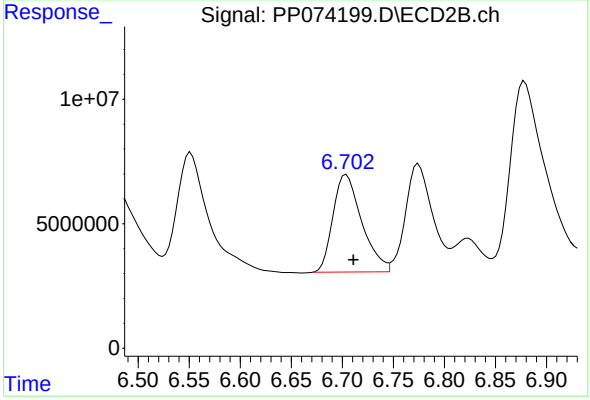
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 109049999
Conc: 269.95 ng/ml



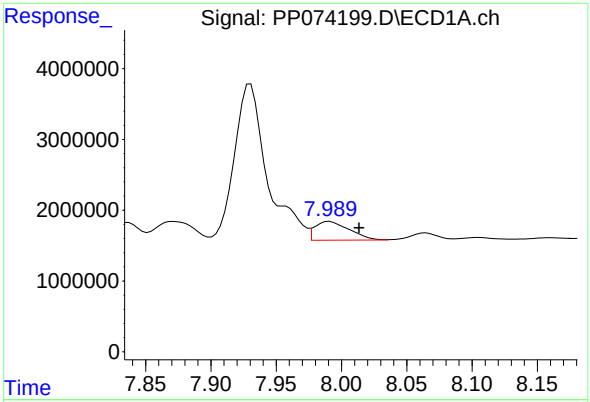
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: -0.006 min
Response: 19124212
Conc: 280.61 ng/ml



#32 AR-1260-2

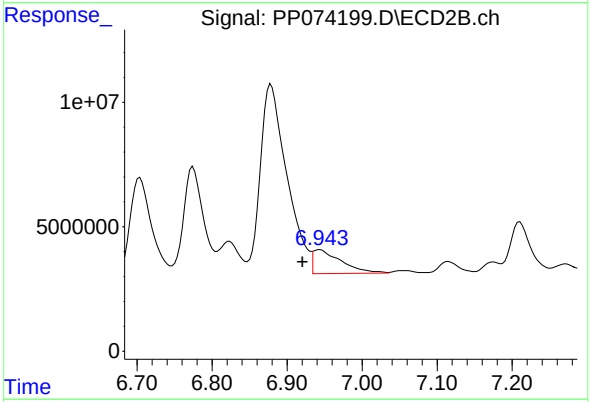
R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 77042973
Conc: 246.38 ng/ml



#33 AR-1260-3

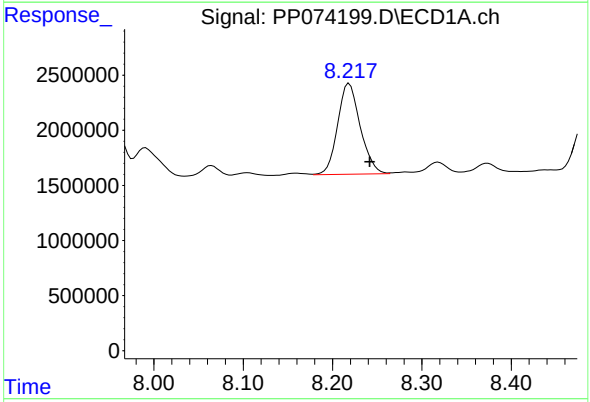
R.T.: 7.991 min
Delta R.T.: -0.023 min
Response: 4844847
Conc: 90.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



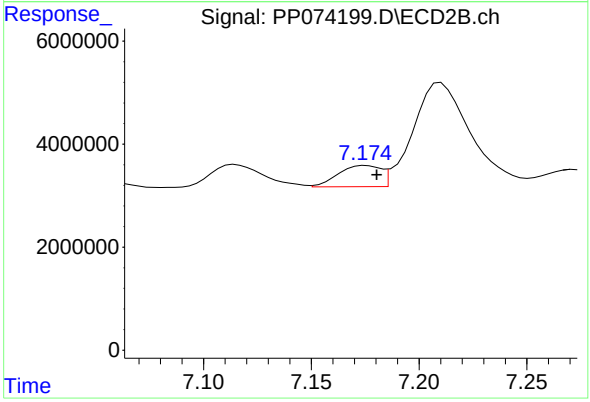
#33 AR-1260-3

R.T.: 6.944 min
Delta R.T.: 0.023 min
Response: 25122989
Conc: 63.74 ng/ml



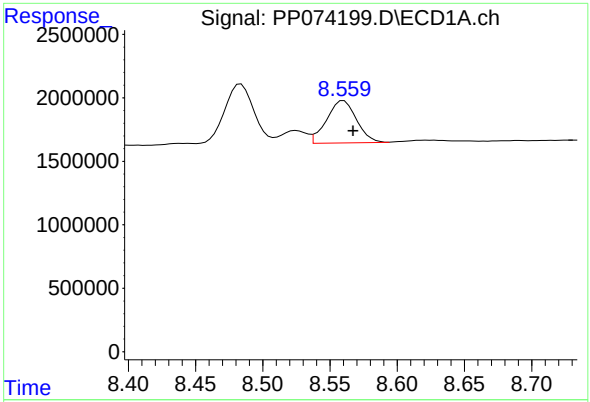
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.023 min
Response: 14487782
Conc: 231.38 ng/ml



#34 AR-1260-4

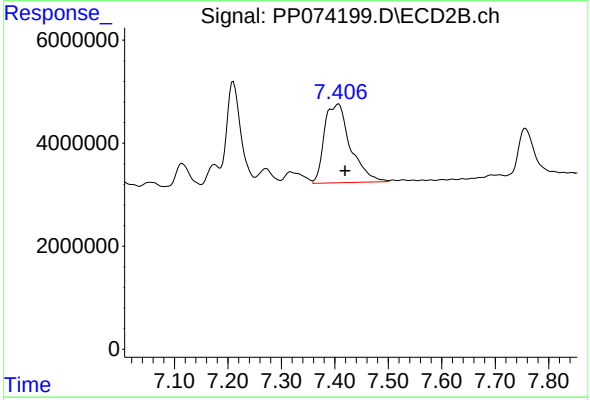
R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 5653722
Conc: 19.43 ng/ml



#35 AR-1260-5

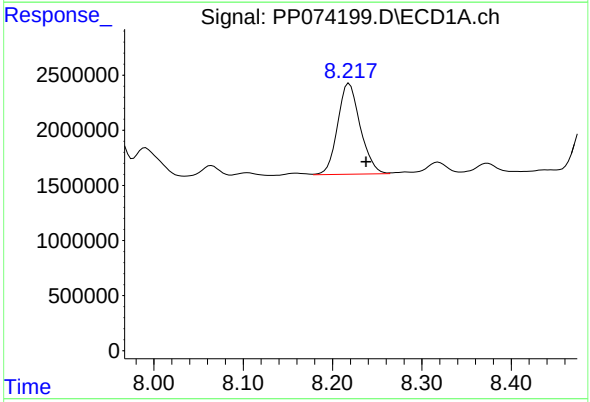
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 5145410
Conc: 45.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



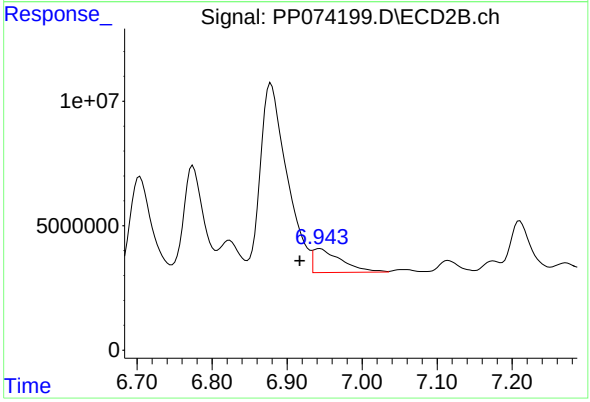
#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.012 min
Response: 51502946
Conc: 68.00 ng/ml



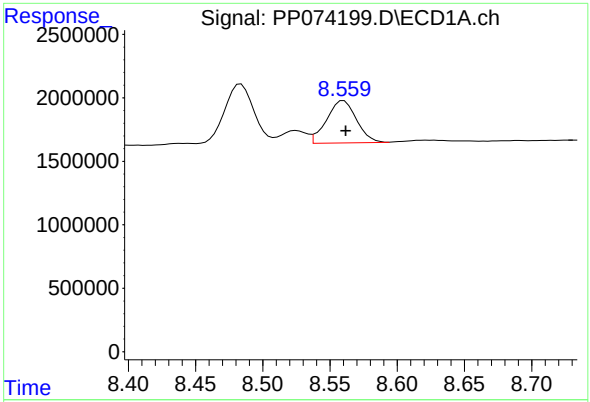
#36 AR-1262-1

R.T.: 8.219 min
Delta R.T.: -0.019 min
Response: 14487782
Conc: 191.16 ng/ml



#36 AR-1262-1

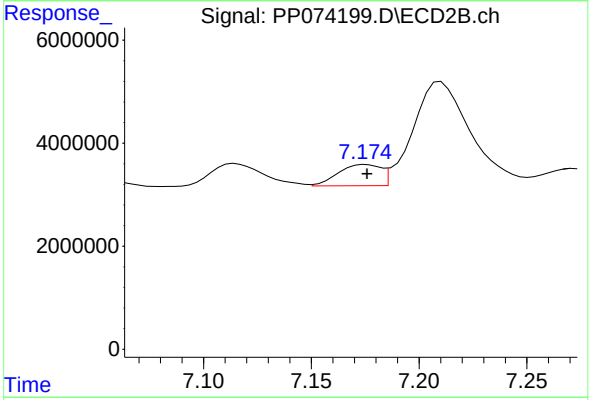
R.T.: 6.944 min
Delta R.T.: 0.027 min
Response: 25122989
Conc: 44.61 ng/ml



#37 AR-1262-2

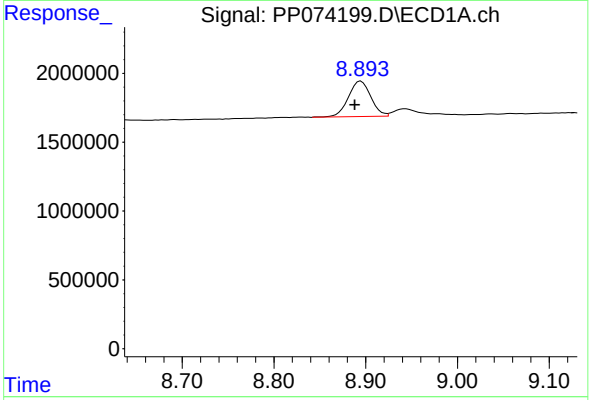
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 5145410
Conc: 39.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



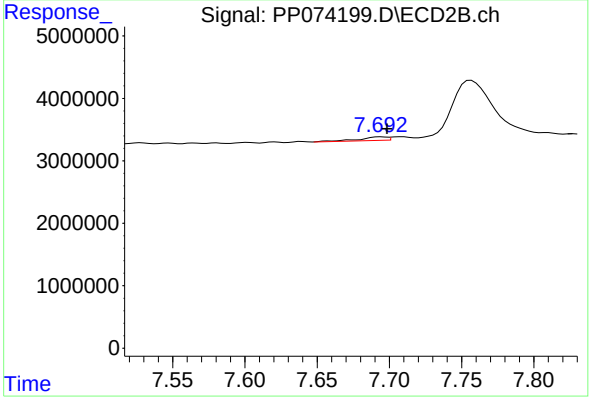
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 5653722
Conc: 14.10 ng/ml



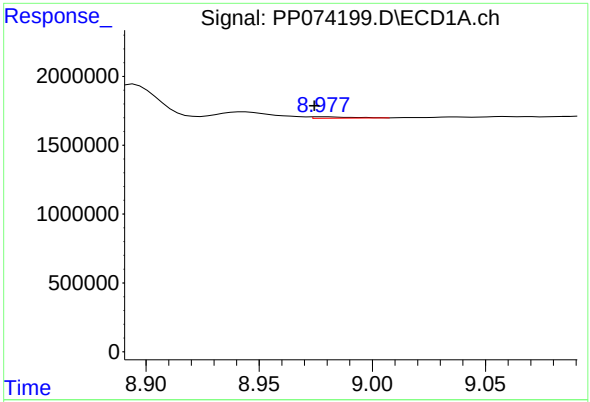
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.007 min
Response: 4365480
Conc: 46.41 ng/ml



#38 AR-1262-3

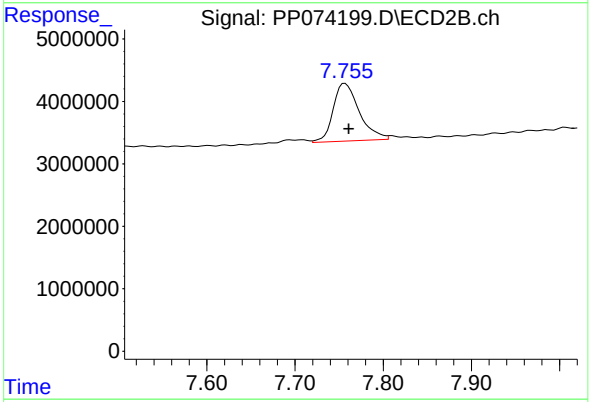
R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 772104
Conc: 2.15 ng/ml



#39 AR-1262-4

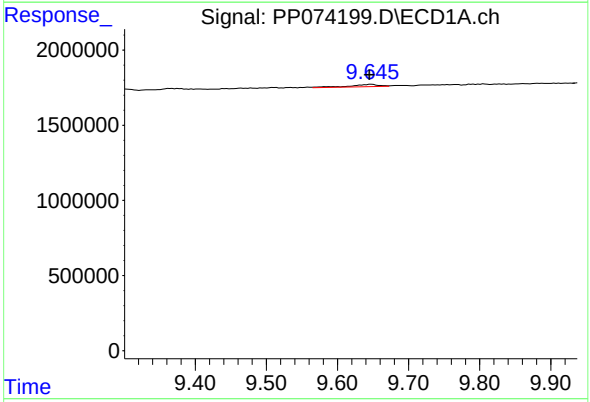
R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 118980
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



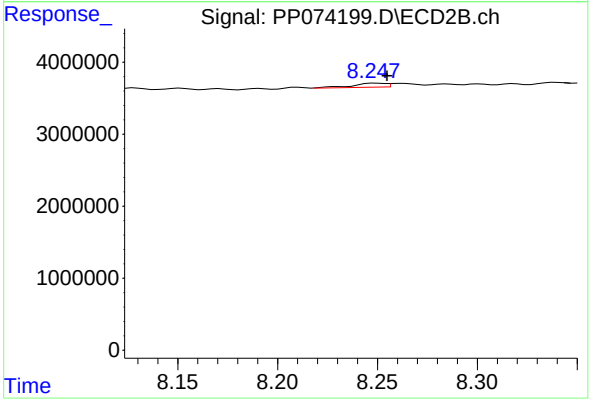
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 19007753
Conc: 28.50 ng/ml



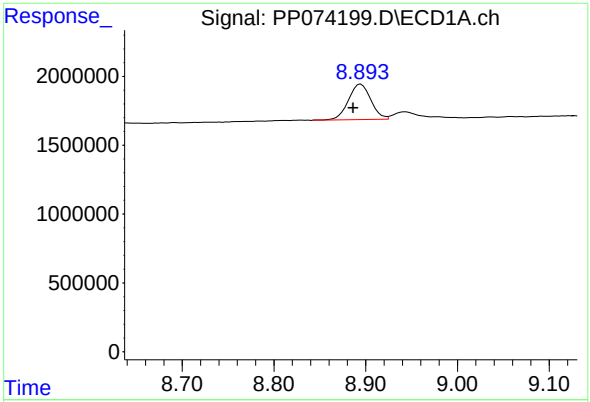
#40 AR-1262-5

R.T.: 9.647 min
Delta R.T.: 0.003 min
Response: 418724
Conc: 8.22 ng/ml



#40 AR-1262-5

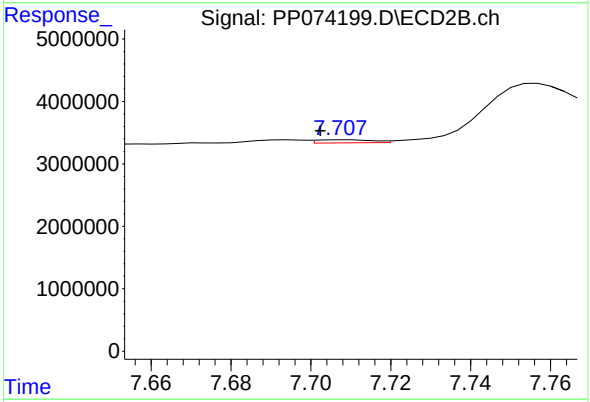
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 666817
Conc: 2.35 ng/ml



#41 AR-1268-1

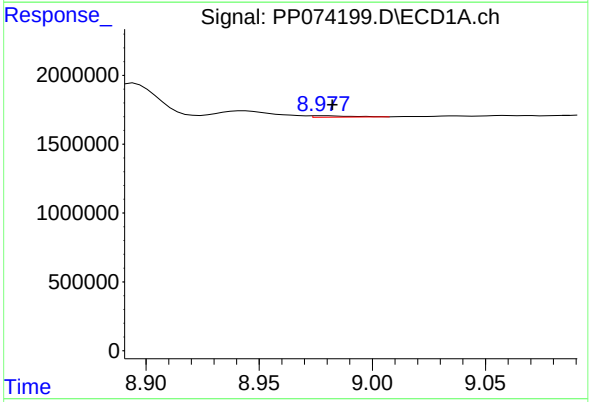
R.T.: 8.895 min
Delta R.T.: 0.008 min
Response: 4365480
Conc: 28.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



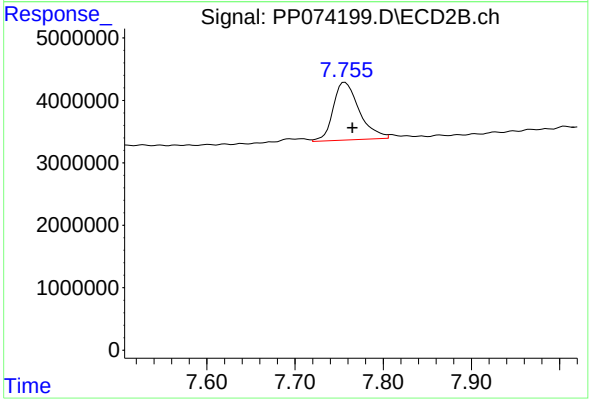
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.007 min
Response: 477278
Conc: 0.44 ng/ml



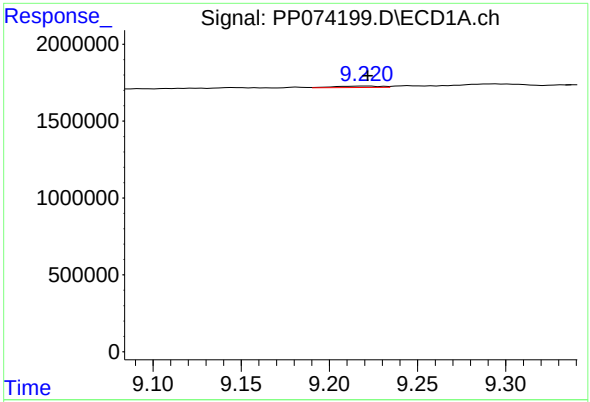
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: -0.003 min
Response: 118980
Conc: 0.83 ng/ml



#42 AR-1268-2

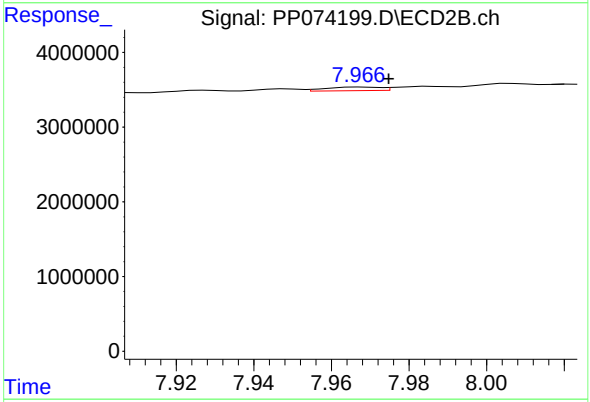
R.T.: 7.757 min
Delta R.T.: -0.009 min
Response: 19007753
Conc: 17.91 ng/ml



#43 AR-1268-3

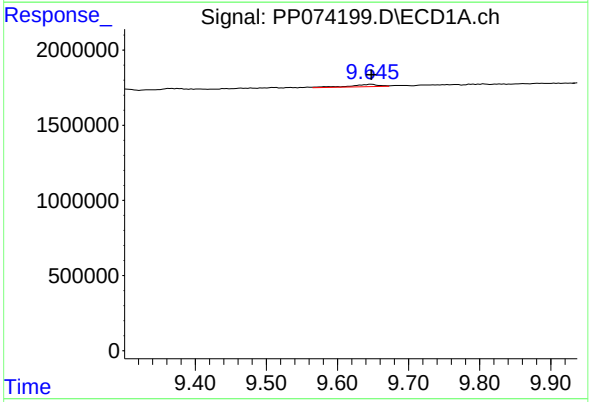
R.T.: 9.221 min
Delta R.T.: 0.000 min
Response: 168840
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



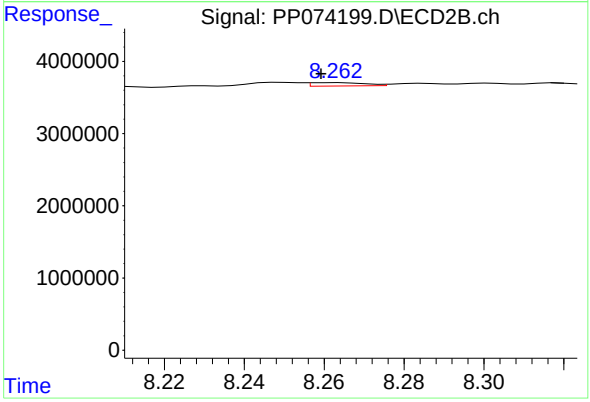
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: -0.007 min
Response: 472836
Conc: 0.57 ng/ml



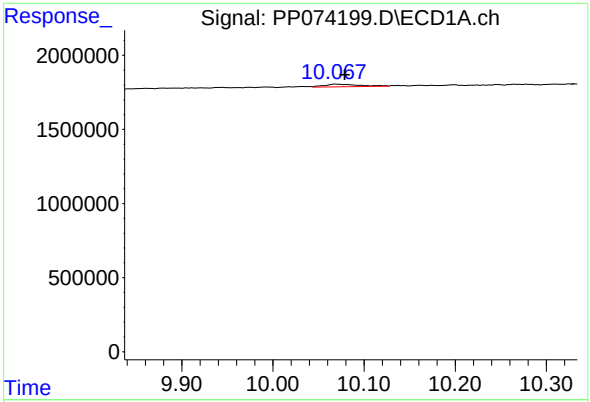
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 418724
Conc: 7.12 ng/ml



#44 AR-1268-4

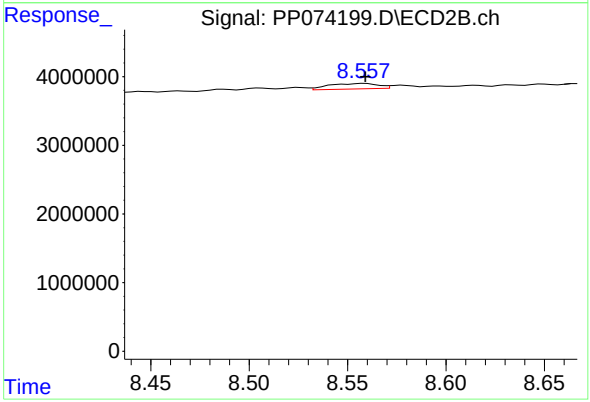
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 437922
Conc: 1.42 ng/ml



#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

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169205BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound		RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds								
1)	SA	Tetrachlo...	4.657	3.801	27178701	79780335	24.303	20.806	
2)	SA	Decachlor...	10.438	8.821	21836747	120.3E6	22.485	20.000	
	Target Compounds								
3)	L1	AR-1016-1	5.809	4.902	22669527	228.6E6	549.474	573.187	
4)	L1	AR-1016-2	5.830	4.959	34110297	104.5E6	561.563	556.666	
5)	L1	AR-1016-3	5.893	5.080	22276842	56001049	561.688	527.965	
6)	L1	AR-1016-4	5.990	5.121	18317589	56446484	562.848	516.814	
7)	L1	AR-1016-5	6.283	5.334	17574695	66942868	541.292	572.341	
8)	L2	AR-1221-1	4.853	4.013	2634639	6691268	157.164	136.320	
9)	L2	AR-1221-2	4.942	4.098	3253773	8154385	258.214	227.209	
10)	L2	AR-1221-3	5.018	4.175	13169343	42774973	359.472	316.325	
11)	L3	AR-1232-1	5.018	4.175	13169343	42774973	453.532	422.000	
12)	L3	AR-1232-2	5.544	4.902	17607365	228.6E6	1170.491	1311.998	
13)	L3	AR-1232-3	5.830	5.080	34110297	56001049	1176.148	1222.287	
14)	L3	AR-1232-4	5.990	5.163	18317589	109.7E6	1184.161	1890.439	#
15)	L3	AR-1232-5	6.080	5.334	15956878	66942868	1361.972	1424.939	
16)	L4	AR-1242-1	5.809	4.902	22669527	228.6E6	608.320	662.445	
17)	L4	AR-1242-2	5.830	4.959	34110297	104.5E6	626.925	639.909	
18)	L4	AR-1242-3	5.893	5.080	22276842	56001049	623.375	607.067	
19)	L4	AR-1242-4	5.990	5.163	18317589	109.7E6	626.914	918.307	#
20)	L4	AR-1242-5	6.720	5.686	3662834	76796260	103.010	513.481	#
21)	L5	AR-1248-1	5.809	4.902	22669527	228.6E6	809.206	1068.737	#
22)	L5	AR-1248-2	6.080	5.121	15956878	56446484	396.335	385.794	
23)	L5	AR-1248-3	6.283	5.163	17574695	109.7E6	394.285	639.599	#
24)	L5	AR-1248-4	6.658	5.334	17077329	66942868	328.176	402.365	
25)	L5	AR-1248-5	6.720	5.686f	3662834	76796260	64.324	263.936	#
26)	L6	AR-1254-1	6.658	5.686	17077329	76796260	324.411	209.722	#
27)	L6	AR-1254-2	6.873	5.832	14942029	64358610	187.939	231.325	
28)	L6	AR-1254-3	7.236	6.250	8784278	129.8E6	100.603	265.237	#
29)	L6	AR-1254-4	7.519	6.462	5607113	9342145	87.873	25.416	#
30)	L6	AR-1254-5	7.933	6.878	49832102	203.5E6	614.114	528.324	
31)	L7	AR-1260-1	7.401	6.551	31033148	236.1E6	550.662	584.486	
32)	L7	AR-1260-2	7.653	6.706	36070118	182.5E6	529.257	583.716	
33)	L7	AR-1260-3	8.012	6.915	24314378	204.9E6	456.215	519.977	
34)	L7	AR-1260-4	8.240	7.175	34948406	149.4E6	558.148	513.385	
35)	L7	AR-1260-5	8.566	7.415	51128845	382.8E6	451.250	505.423	
36)	L8	AR-1262-1	8.240	6.915	34948406	204.9E6	461.123	363.909	
37)	L8	AR-1262-2	8.566	7.175	51128845	149.4E6	392.002	372.508	
38)	L8	AR-1262-3	8.899	7.698	35659813	68577315	379.074	190.773	#
39)	L8	AR-1262-4	8.976	7.761	8821459	247.5E6	121.088	371.067	#
40)	L8	AR-1262-5	9.651	8.257	14529552	71597111	285.326	252.754	
41)	L9	AR-1268-1	8.899	7.698	35659813	68577315	229.128	62.900	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169205BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.976	7.761	8821459	247.5E6	61.505	233.173	#
43)	L9 AR-1268-3	9.224	7.969	1133561	5277612	9.488	6.344	#
44)	L9 AR-1268-4	9.651	8.257	14529552	71597111	247.048	232.413	
45)	L9 AR-1268-5	10.082	8.556	4915065	21332104	13.975	8.365	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

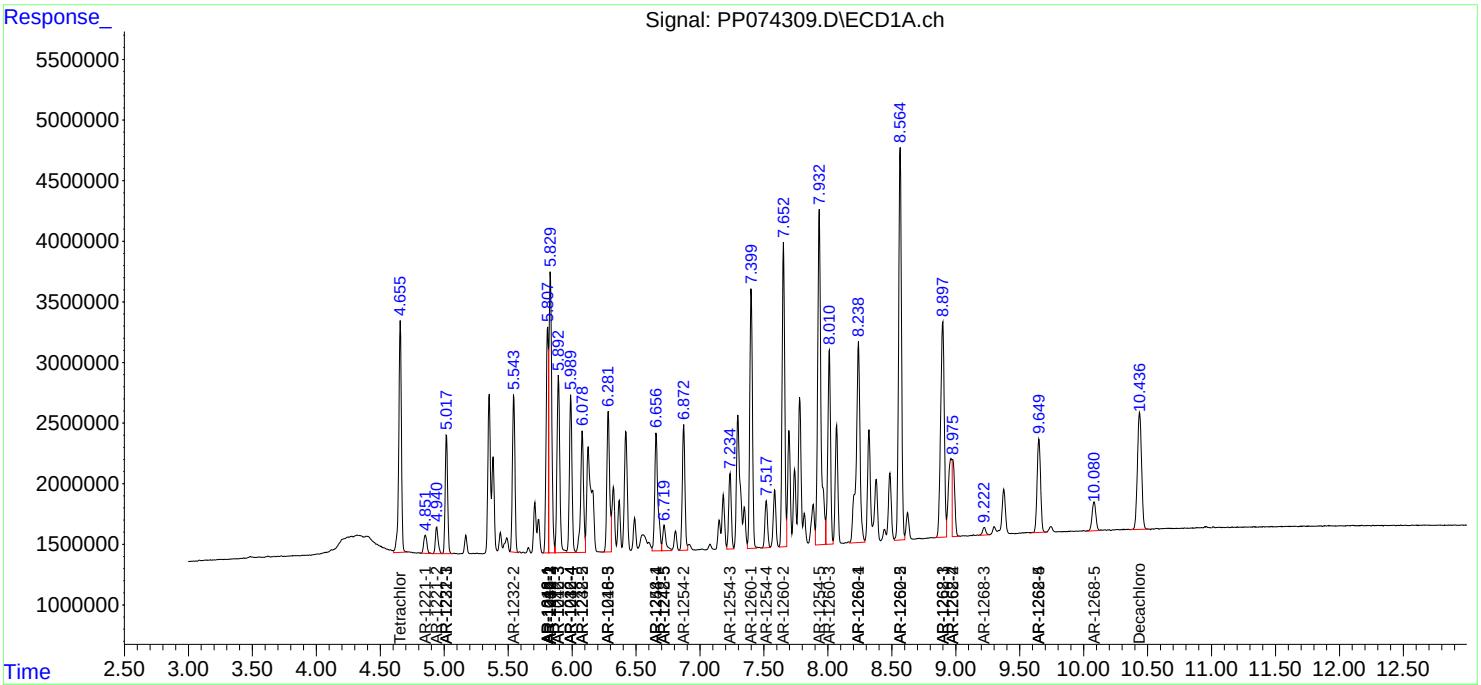
Quantitation Report (Not Reviewed)

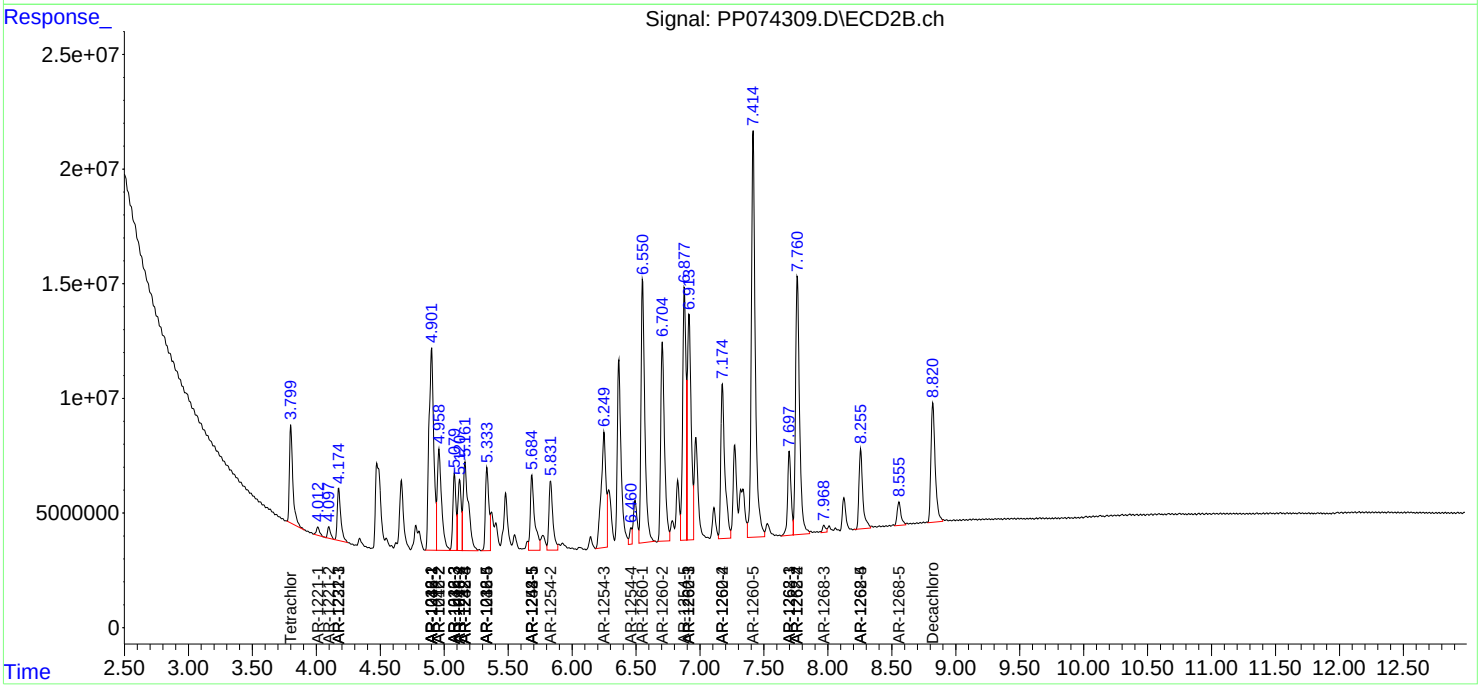
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:05
Operator : YP\AJ
Sample : PB169205BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

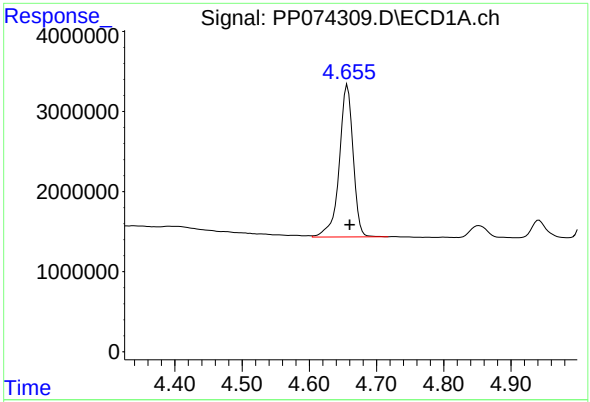
Instrument :
ECD_P
ClientSampleId :
PB169205BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 13:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



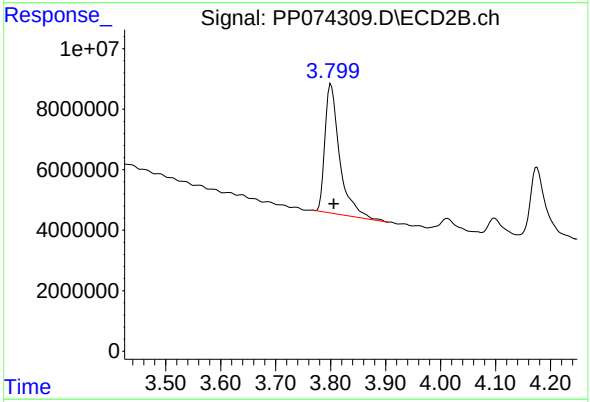




#1 Tetrachloro-m-xylene

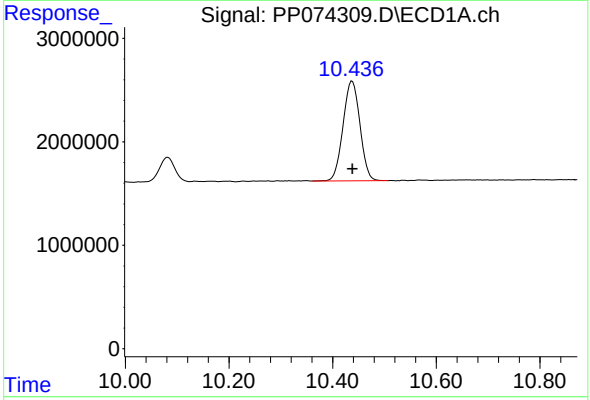
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 27178701
Conc: 24.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



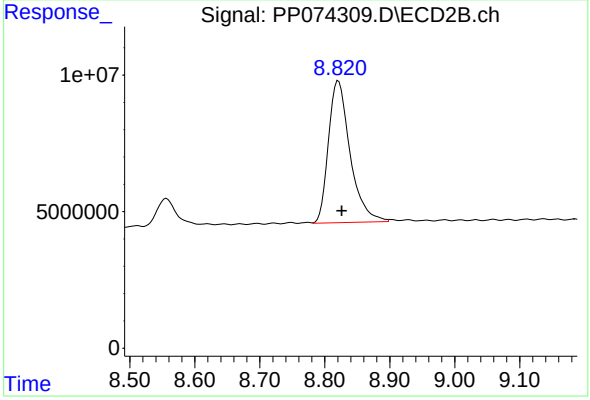
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 79780335
Conc: 20.81 ng/ml



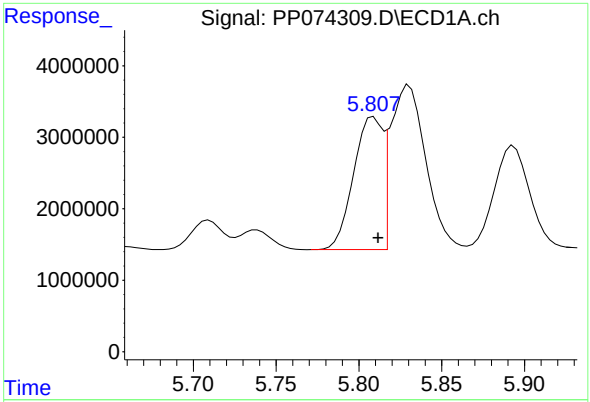
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 21836747
Conc: 22.49 ng/ml



#2 Decachlorobiphenyl

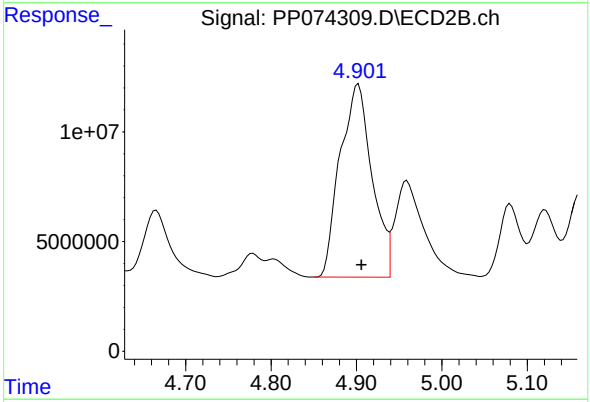
R.T.: 8.821 min
Delta R.T.: -0.005 min
Response: 120271397
Conc: 20.00 ng/ml



#3 AR-1016-1

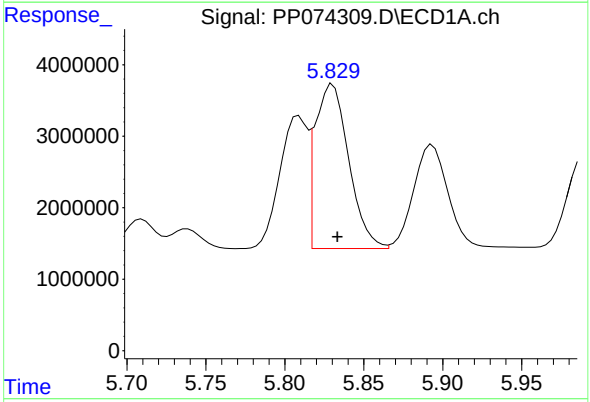
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 22669527
Conc: 549.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



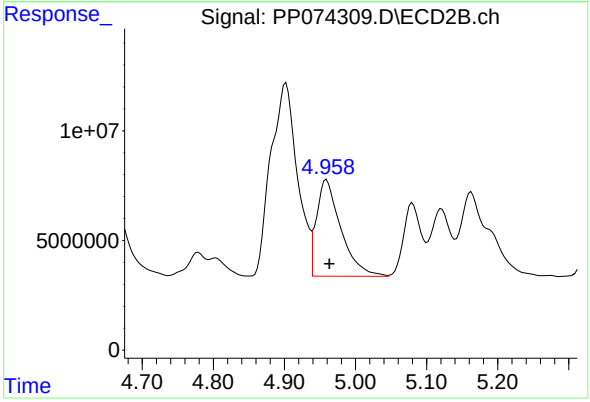
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 228636880
Conc: 573.19 ng/ml



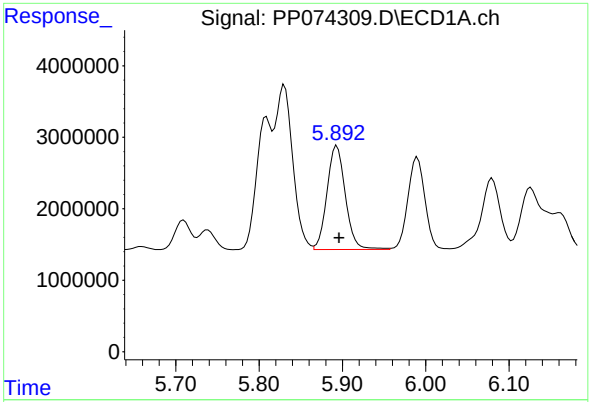
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 34110297
Conc: 561.56 ng/ml



#4 AR-1016-2

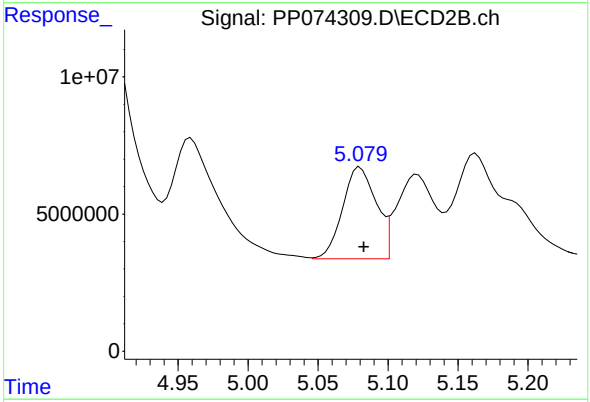
R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 104546878
Conc: 556.67 ng/ml



#5 AR-1016-3

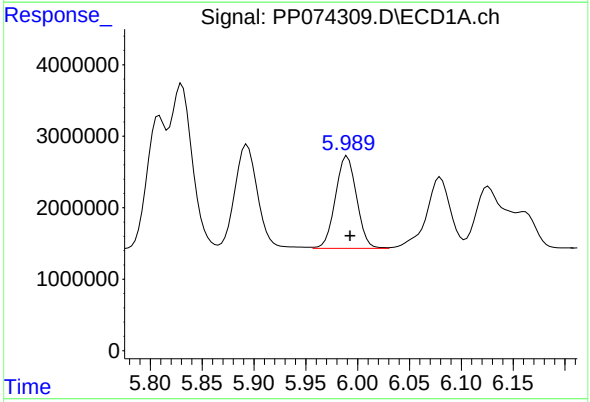
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 22276842
Conc: 561.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



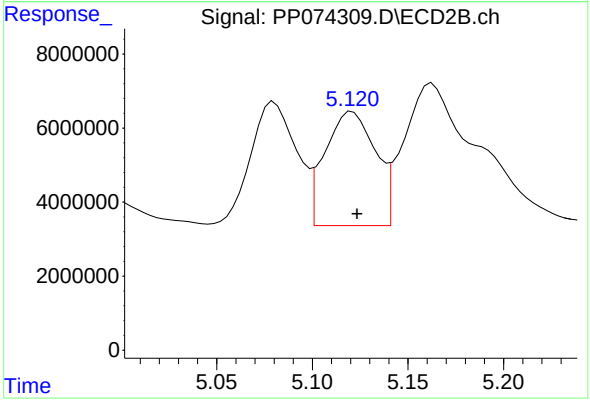
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 56001049
Conc: 527.96 ng/ml



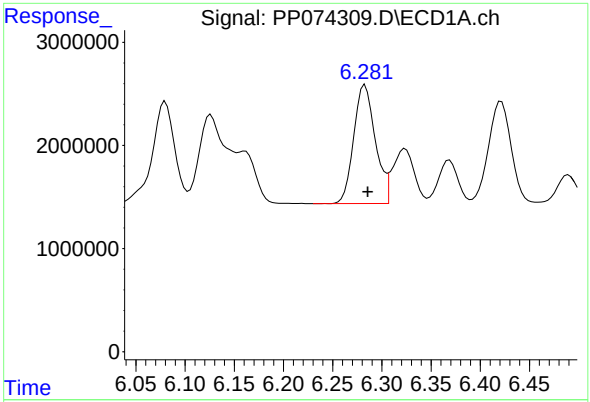
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 18317589
Conc: 562.85 ng/ml



#6 AR-1016-4

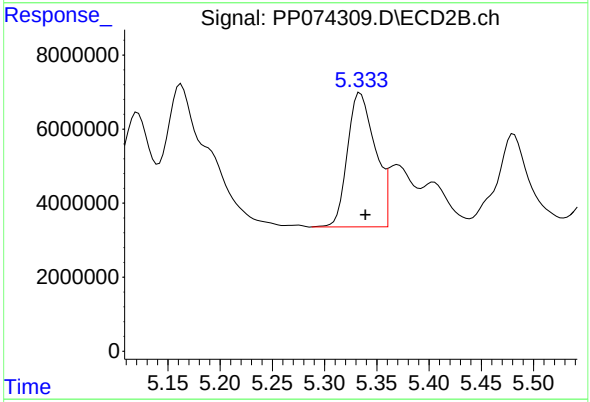
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 56446484
Conc: 516.81 ng/ml



#7 AR-1016-5

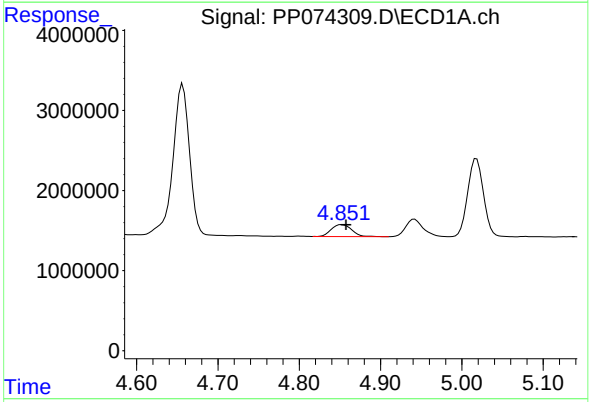
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 17574695
Conc: 541.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



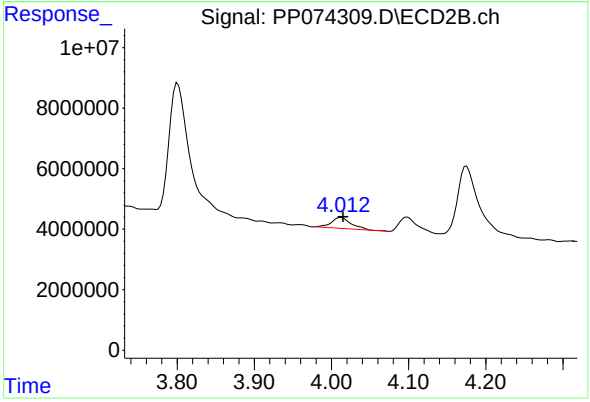
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 66942868
Conc: 572.34 ng/ml



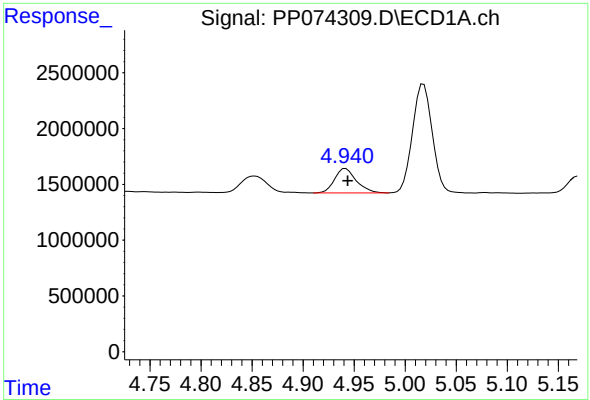
#8 AR-1221-1

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 2634639
Conc: 157.16 ng/ml



#8 AR-1221-1

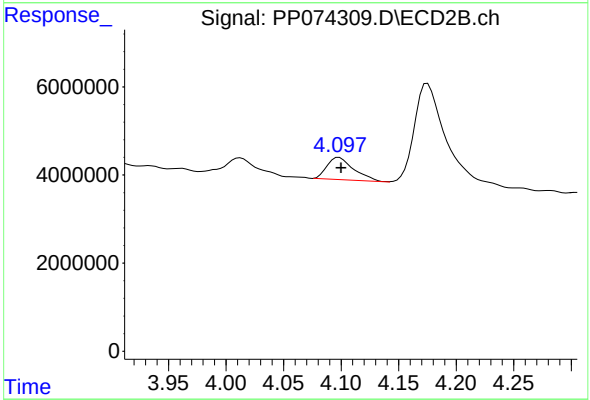
R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 6691268
Conc: 136.32 ng/ml



#9 AR-1221-2

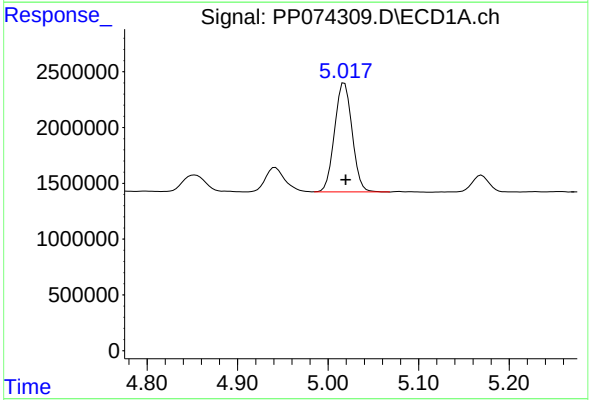
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 3253773
Conc: 258.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



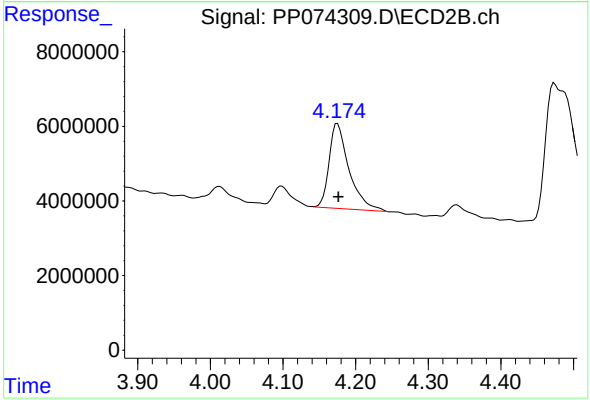
#9 AR-1221-2

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 8154385
Conc: 227.21 ng/ml



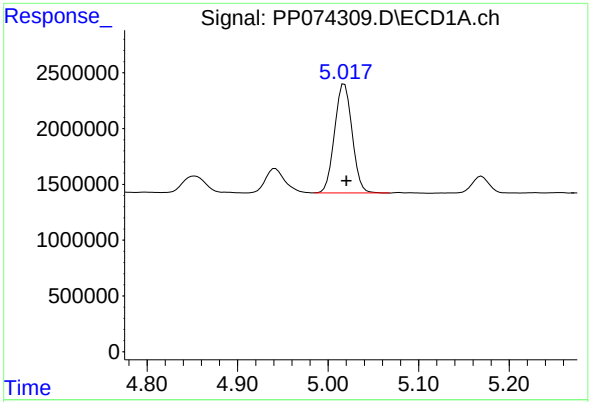
#10 AR-1221-3

R.T.: 5.018 min
Delta R.T.: -0.001 min
Response: 13169343
Conc: 359.47 ng/ml



#10 AR-1221-3

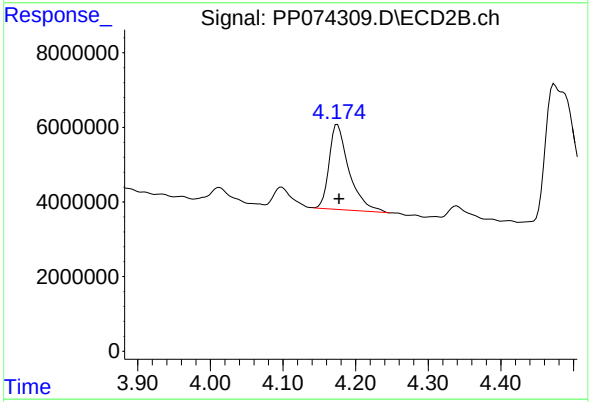
R.T.: 4.175 min
Delta R.T.: -0.001 min
Response: 42774973
Conc: 316.33 ng/ml



#11 AR-1232-1

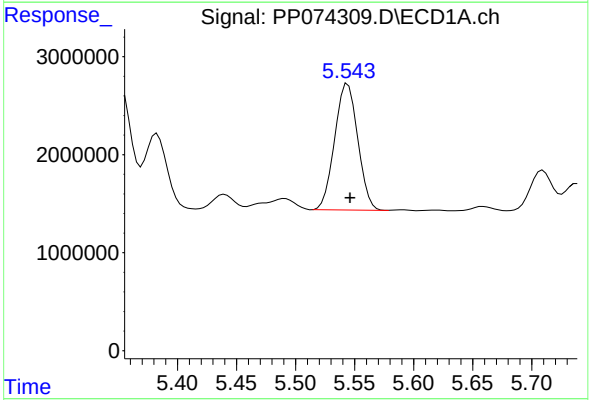
R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 13169343
Conc: 453.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



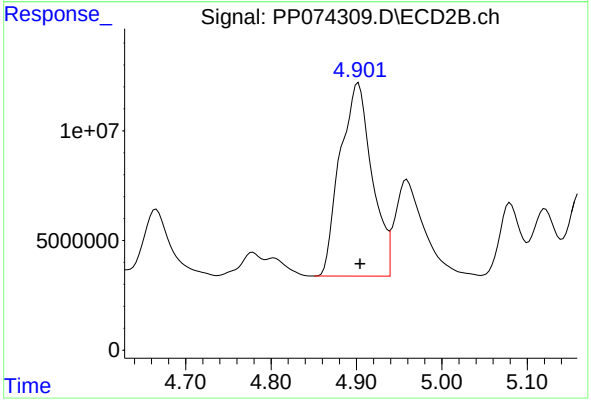
#11 AR-1232-1

R.T.: 4.175 min
Delta R.T.: -0.002 min
Response: 42774973
Conc: 422.00 ng/ml



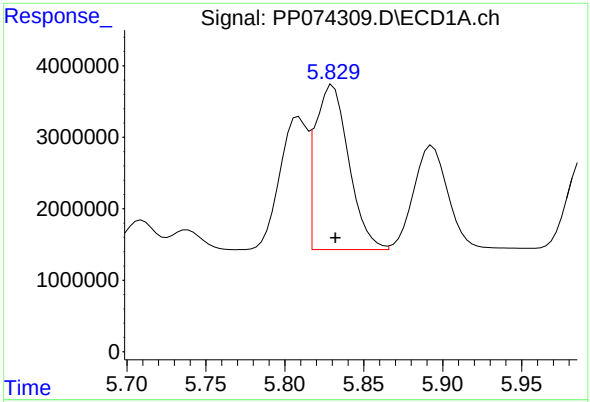
#12 AR-1232-2

R.T.: 5.544 min
Delta R.T.: -0.002 min
Response: 17607365
Conc: 1170.49 ng/ml



#12 AR-1232-2

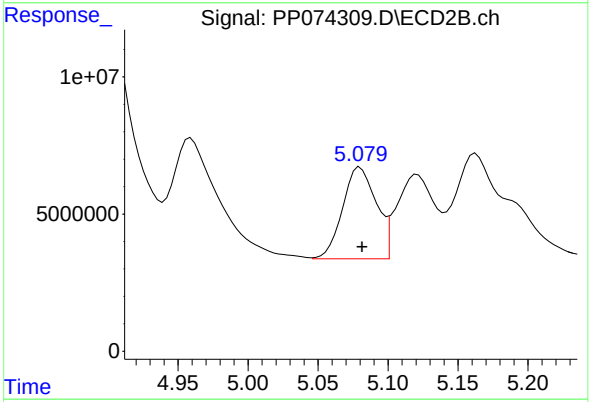
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 228636880
Conc: 1312.00 ng/ml



#13 AR-1232-3

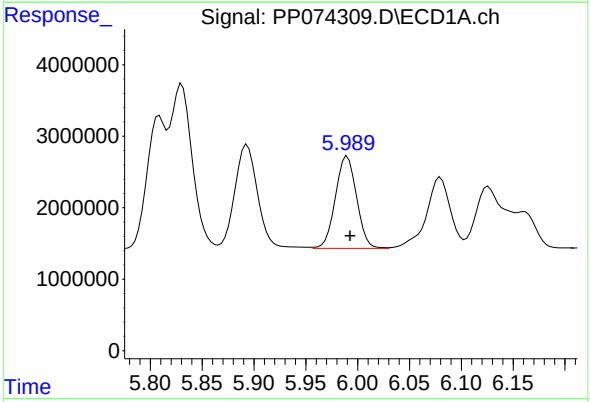
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 34110297
Conc: 1176.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



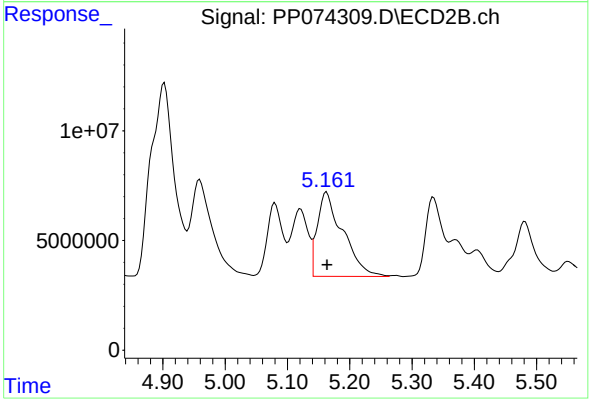
#13 AR-1232-3

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 56001049
Conc: 1222.29 ng/ml



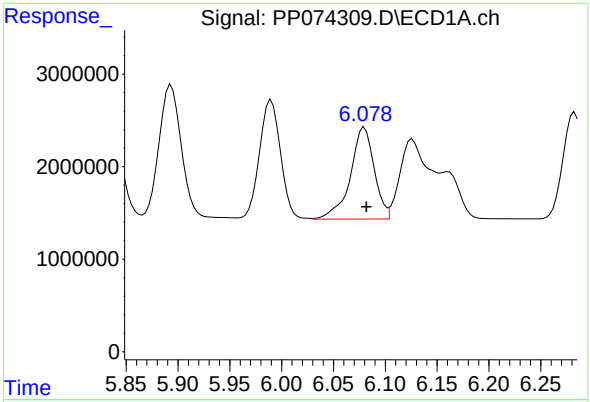
#14 AR-1232-4

R.T.: 5.990 min
Delta R.T.: -0.002 min
Response: 18317589
Conc: 1184.16 ng/ml



#14 AR-1232-4

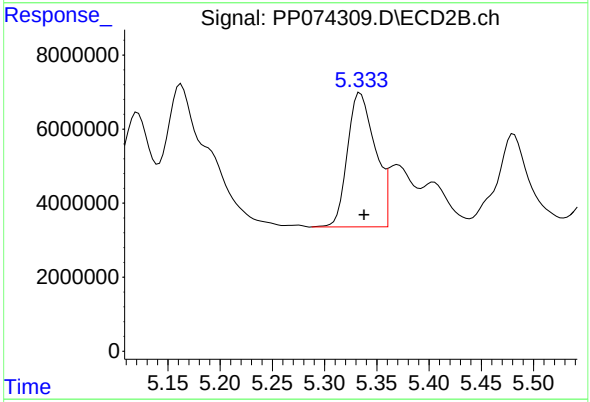
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 109665710
Conc: 1890.44 ng/ml



#15 AR-1232-5

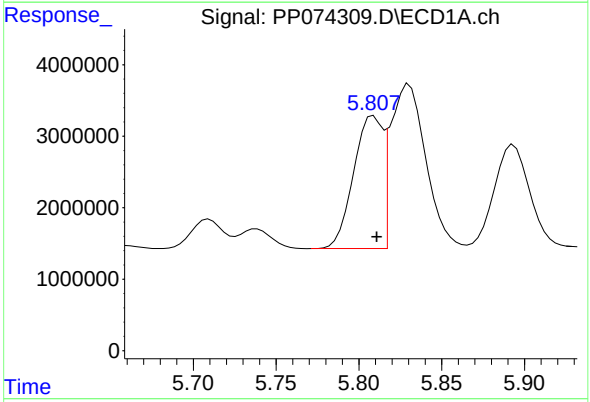
R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 15956878
Conc: 1361.97 ng/m

Instrument :
ECD_P
ClientSampleId :
PB169205BS



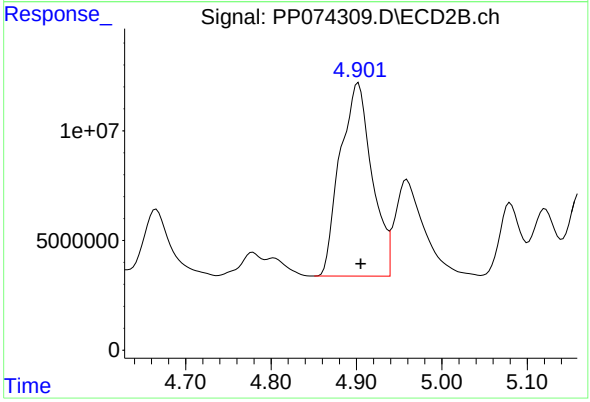
#15 AR-1232-5

R.T.: 5.334 min
Delta R.T.: -0.003 min
Response: 66942868
Conc: 1424.94 ng/ml



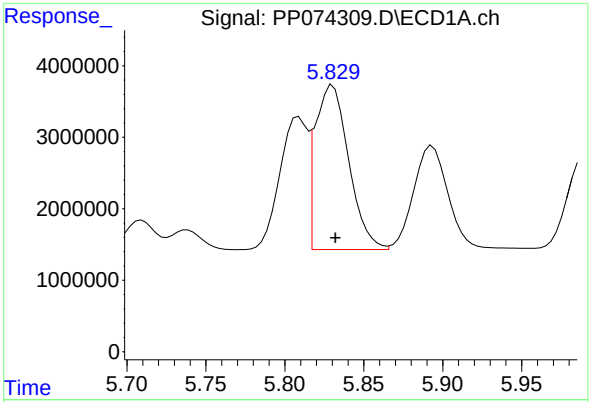
#16 AR-1242-1

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 22669527
Conc: 608.32 ng/ml



#16 AR-1242-1

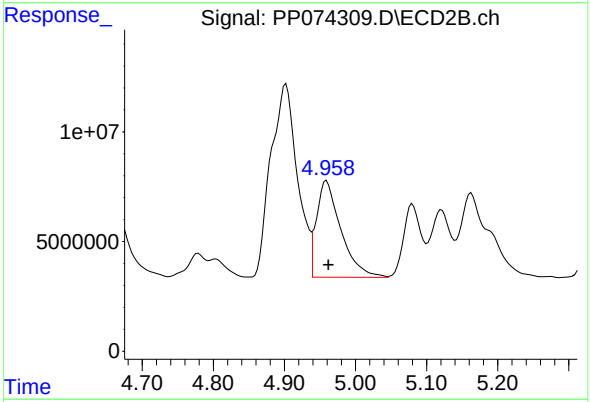
R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 228636880
Conc: 662.45 ng/ml



#17 AR-1242-2

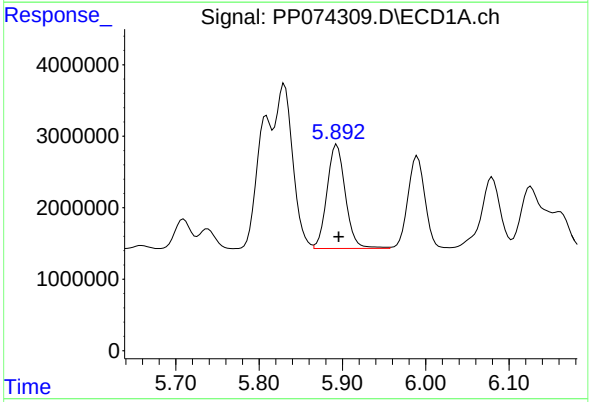
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 34110297
Conc: 626.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



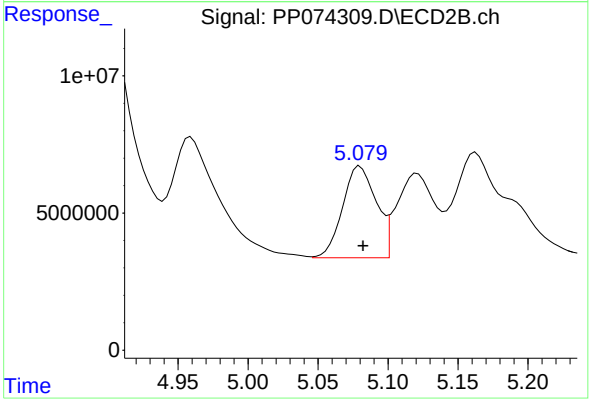
#17 AR-1242-2

R.T.: 4.959 min
Delta R.T.: -0.003 min
Response: 104546878
Conc: 639.91 ng/ml



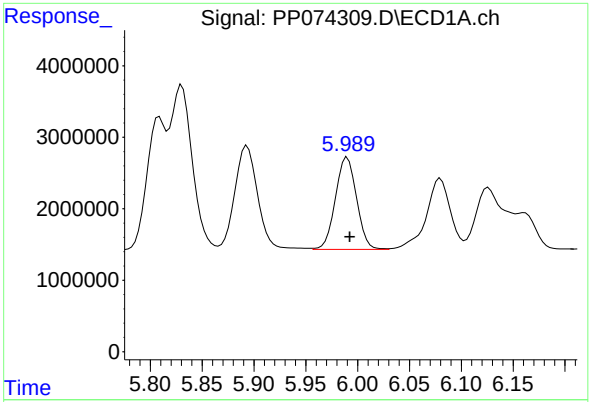
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 22276842
Conc: 623.38 ng/ml



#18 AR-1242-3

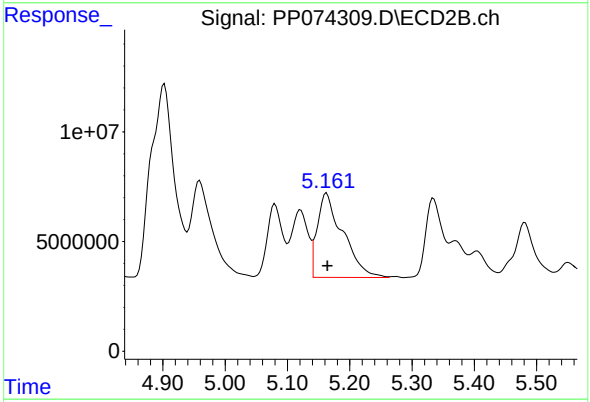
R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 56001049
Conc: 607.07 ng/ml



#19 AR-1242-4

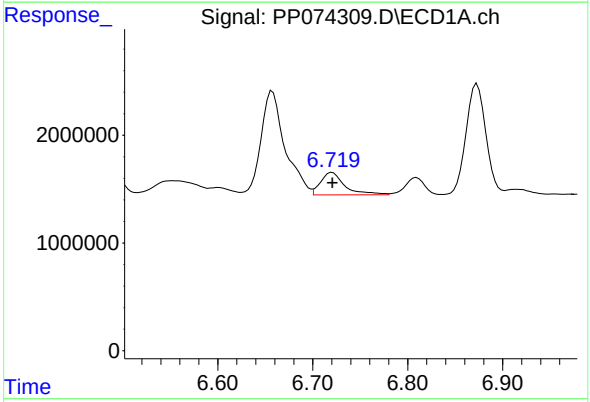
R.T.: 5.990 min
Delta R.T.: -0.002 min
Response: 18317589
Conc: 626.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



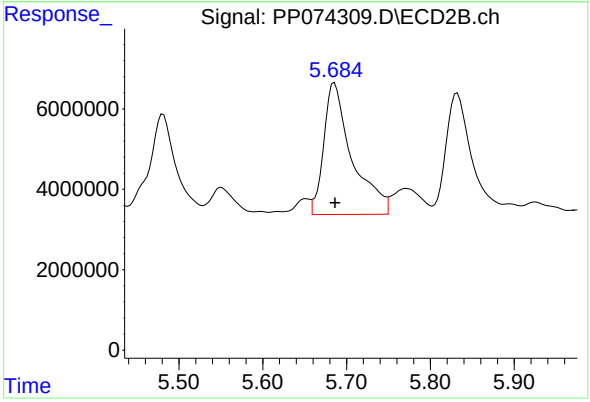
#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: -0.001 min
Response: 109665710
Conc: 918.31 ng/ml



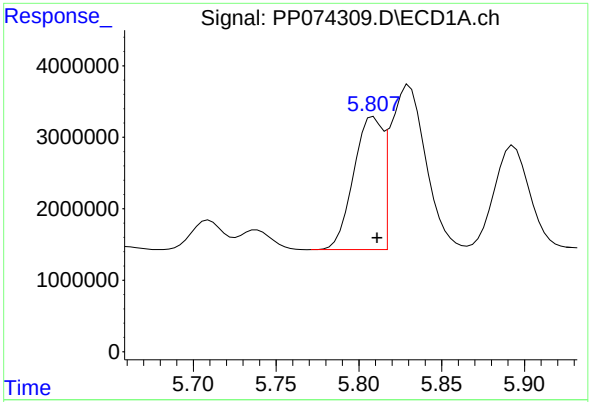
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 3662834
Conc: 103.01 ng/ml



#20 AR-1242-5

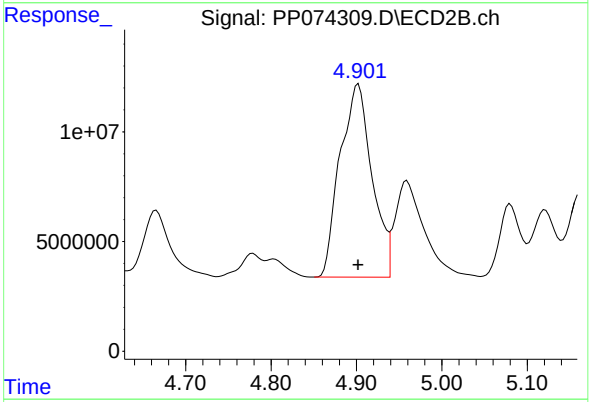
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 76796260
Conc: 513.48 ng/ml



#21 AR-1248-1

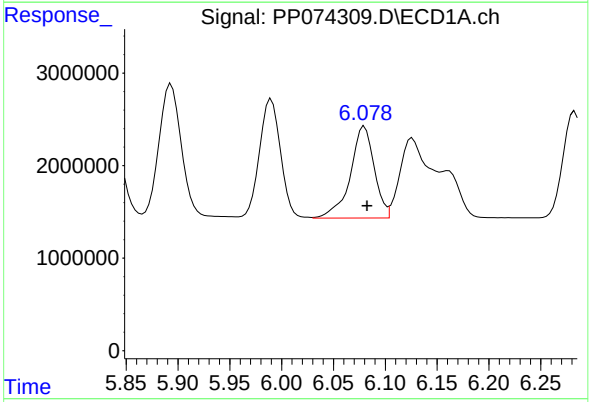
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 22669527
Conc: 809.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



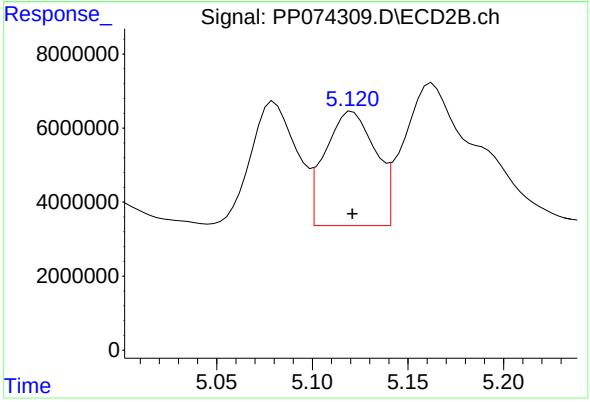
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 228636880
Conc: 1068.74 ng/ml



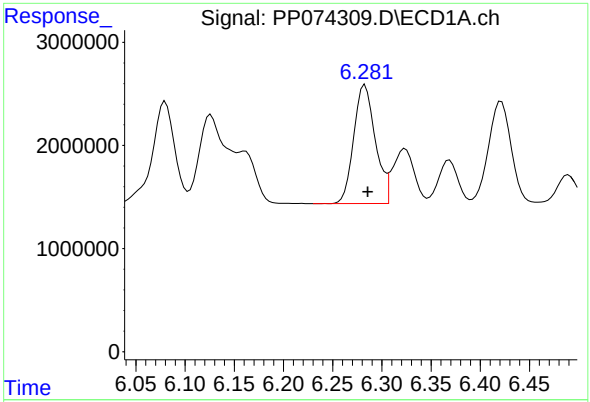
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 15956878
Conc: 396.34 ng/ml



#22 AR-1248-2

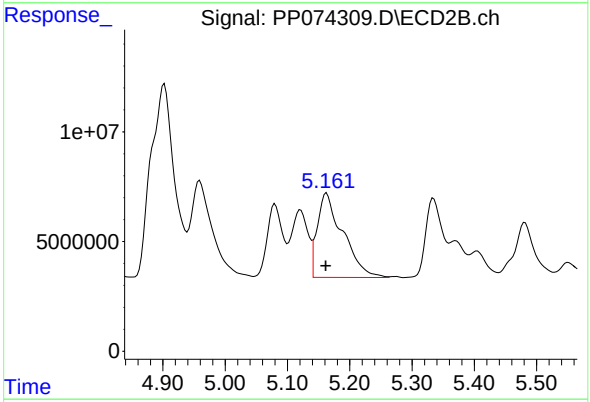
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 56446484
Conc: 385.79 ng/ml



#23 AR-1248-3

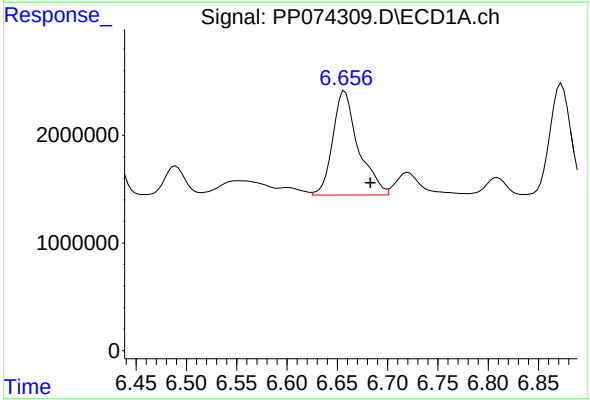
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 17574695
Conc: 394.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



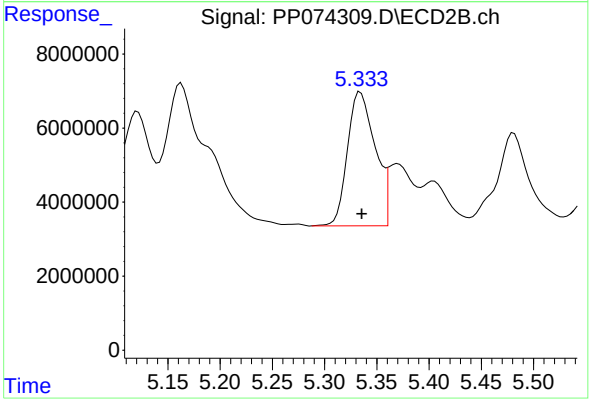
#23 AR-1248-3

R.T.: 5.163 min
Delta R.T.: 0.001 min
Response: 109665710
Conc: 639.60 ng/ml



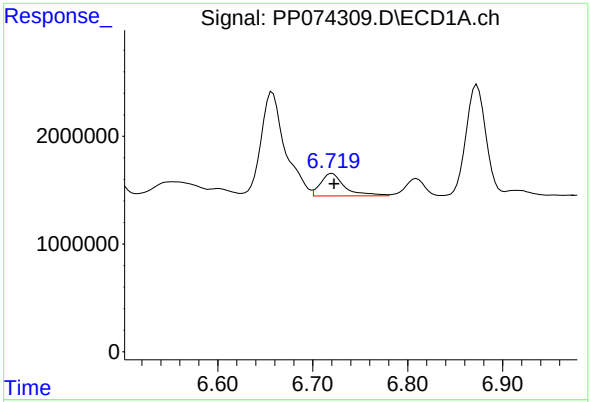
#24 AR-1248-4

R.T.: 6.658 min
Delta R.T.: -0.025 min
Response: 17077329
Conc: 328.18 ng/ml



#24 AR-1248-4

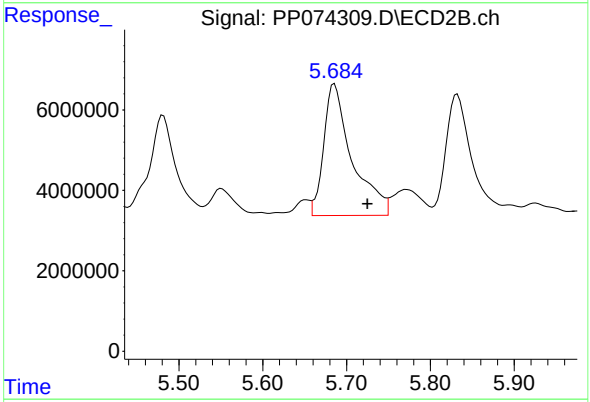
R.T.: 5.334 min
Delta R.T.: -0.001 min
Response: 66942868
Conc: 402.36 ng/ml



#25 AR-1248-5

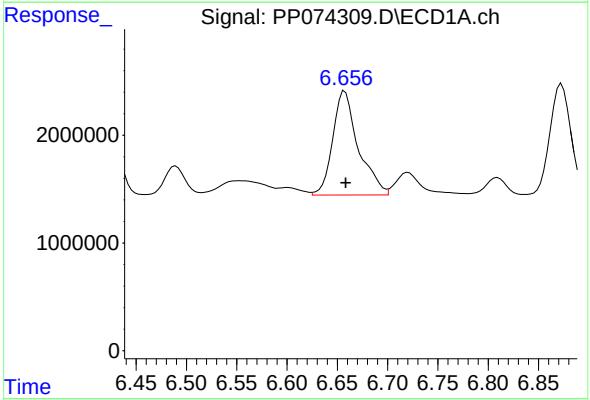
R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 3662834
Conc: 64.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



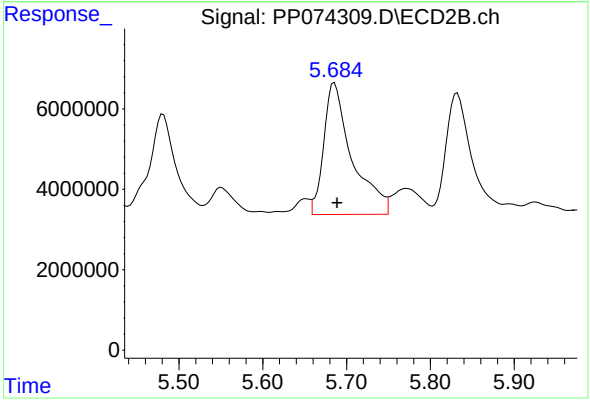
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.040 min
Response: 76796260
Conc: 263.94 ng/ml



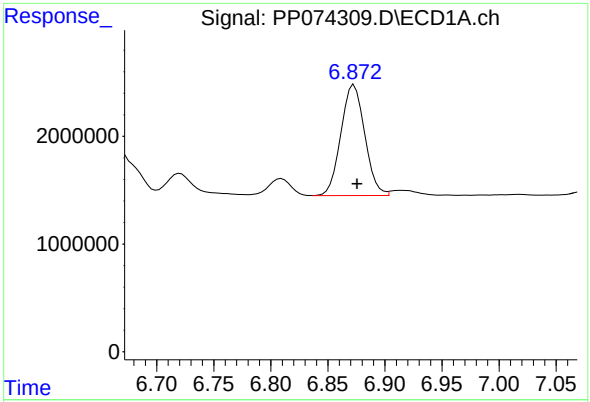
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 17077329
Conc: 324.41 ng/ml



#26 AR-1254-1

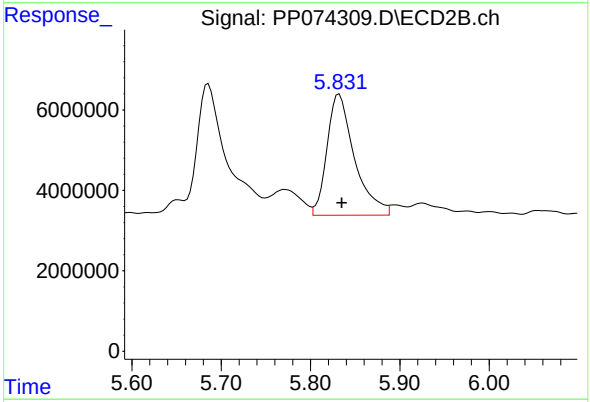
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 76796260
Conc: 209.72 ng/ml



#27 AR-1254-2

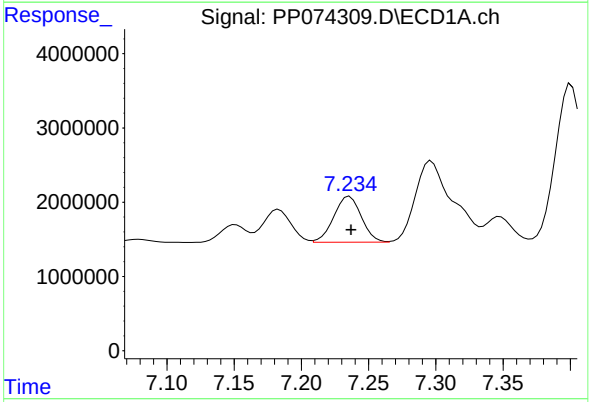
R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 14942029
Conc: 187.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



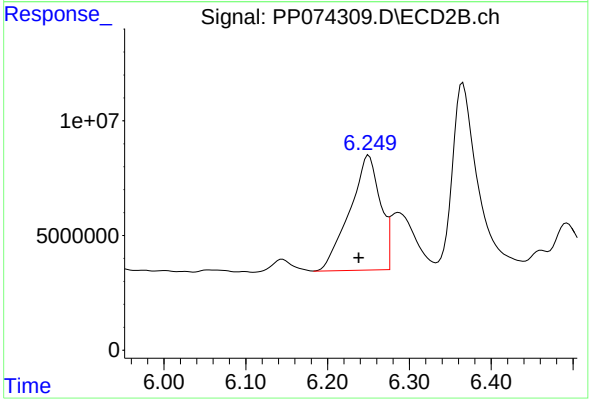
#27 AR-1254-2

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 64358610
Conc: 231.33 ng/ml



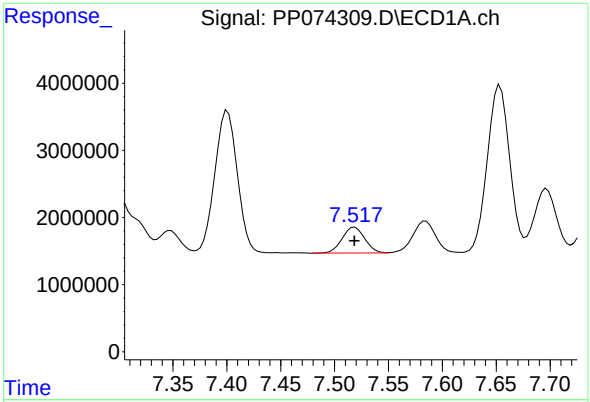
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 8784278
Conc: 100.60 ng/ml



#28 AR-1254-3

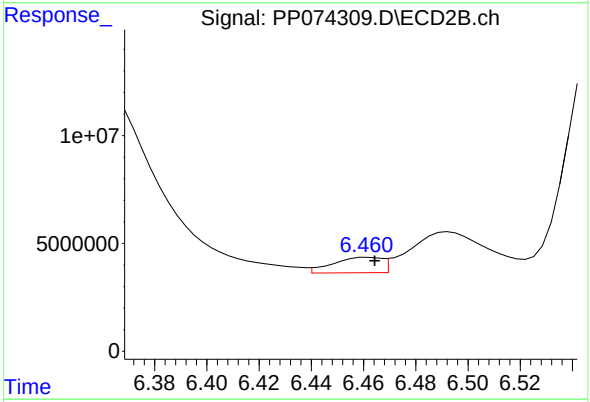
R.T.: 6.250 min
Delta R.T.: 0.012 min
Response: 129756889
Conc: 265.24 ng/ml



#29 AR-1254-4

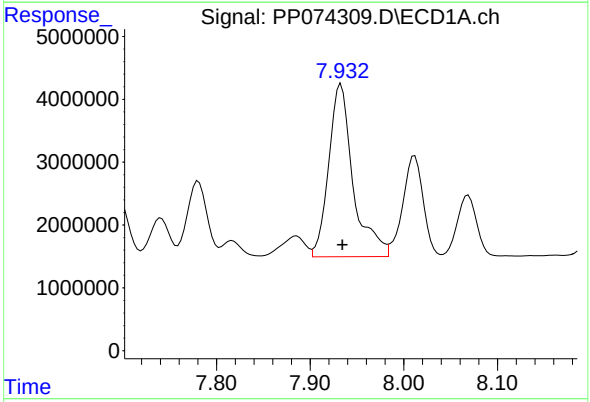
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 5607113
Conc: 87.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



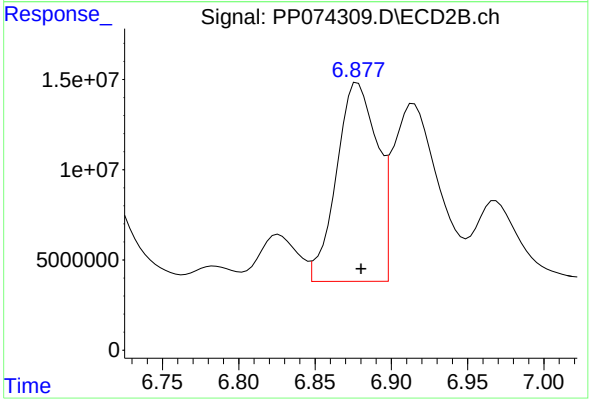
#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 9342145
Conc: 25.42 ng/ml



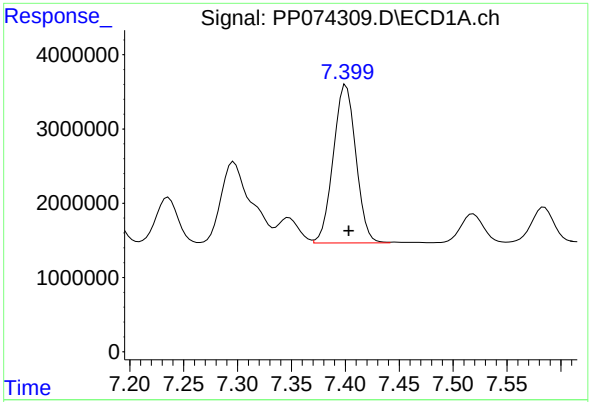
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: -0.001 min
Response: 49832102
Conc: 614.11 ng/ml



#30 AR-1254-5

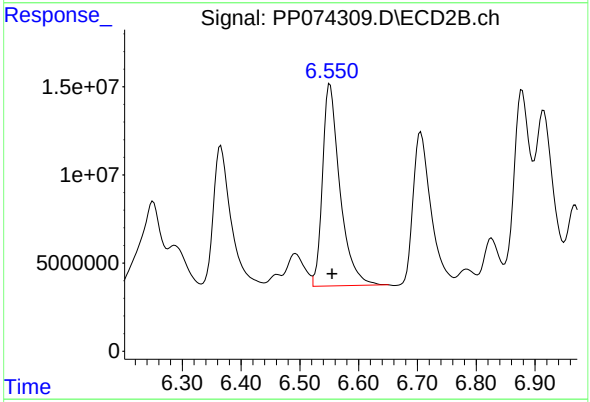
R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 203492933
Conc: 528.32 ng/ml



#31 AR-1260-1

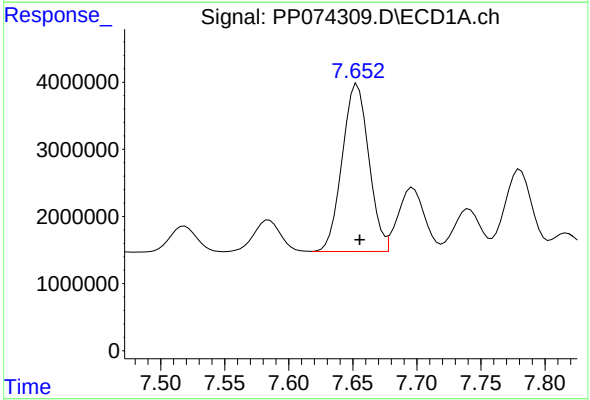
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 31033148
Conc: 550.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



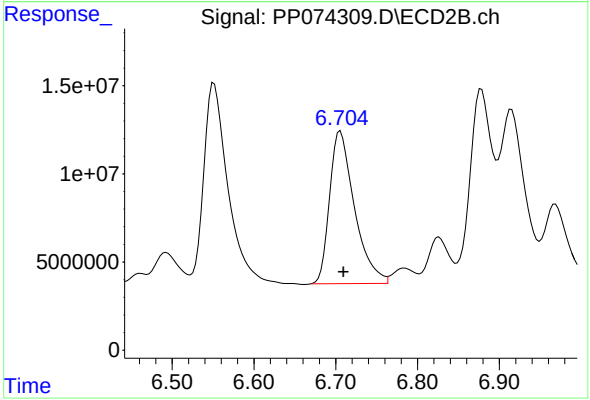
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 236107273
Conc: 584.49 ng/ml



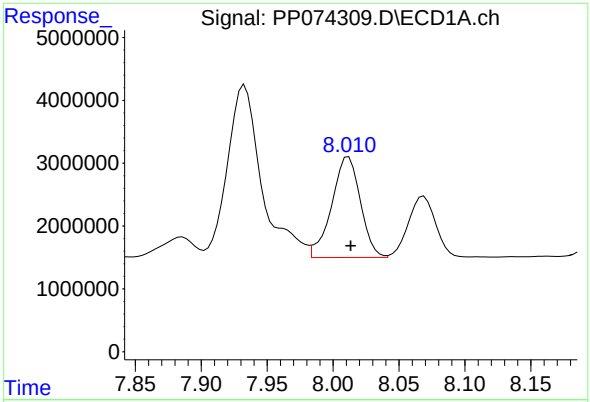
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: -0.002 min
Response: 36070118
Conc: 529.26 ng/ml



#32 AR-1260-2

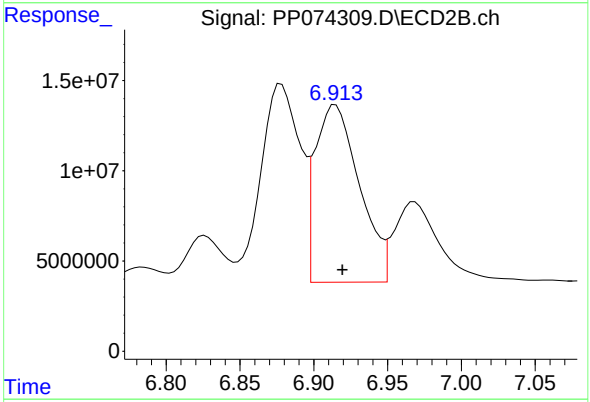
R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 182527346
Conc: 583.72 ng/ml



#33 AR-1260-3

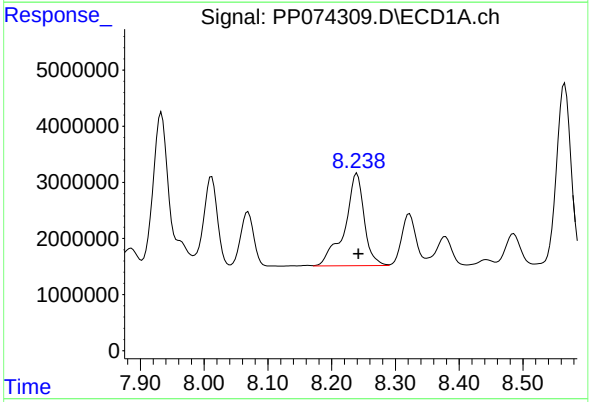
R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 24314378
Conc: 456.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



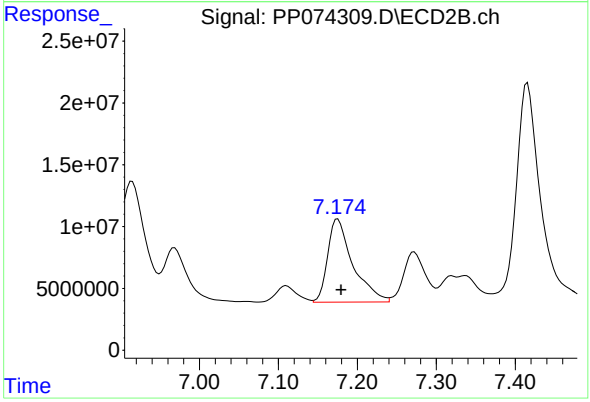
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 204932581
Conc: 519.98 ng/ml



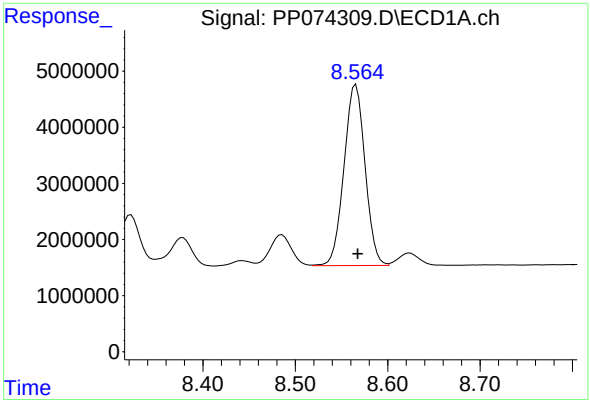
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 34948406
Conc: 558.15 ng/ml



#34 AR-1260-4

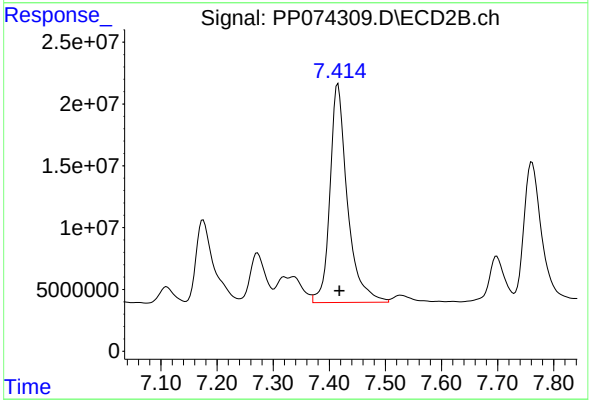
R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 149384307
Conc: 513.38 ng/ml



#35 AR-1260-5

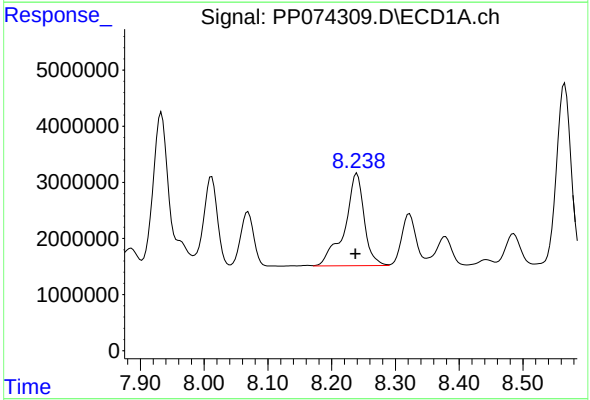
R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 51128845
Conc: 451.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



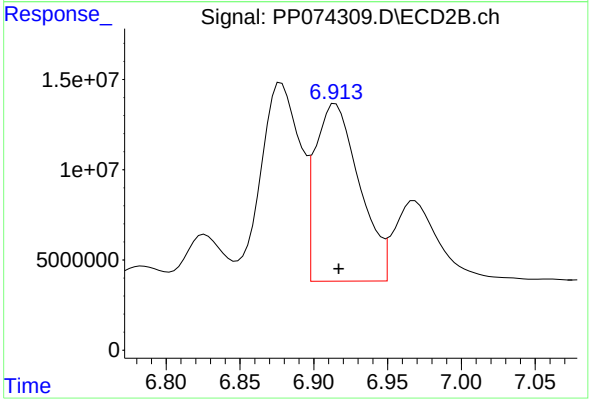
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 382812137
Conc: 505.42 ng/ml



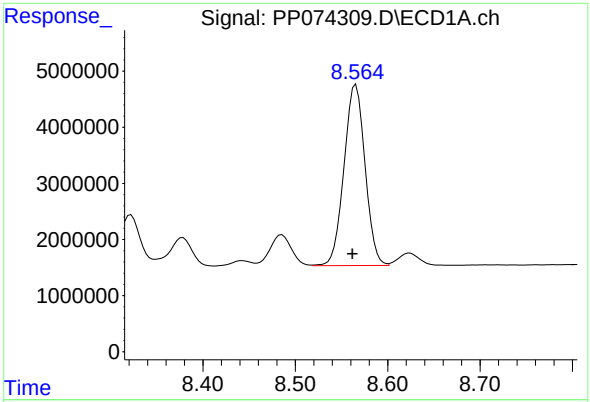
#36 AR-1262-1

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 34948406
Conc: 461.12 ng/ml



#36 AR-1262-1

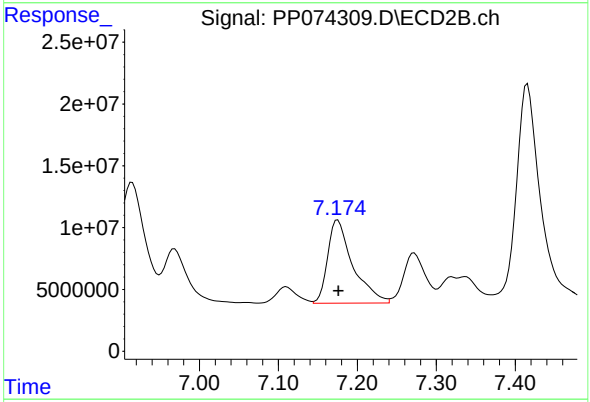
R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 204932581
Conc: 363.91 ng/ml



#37 AR-1262-2

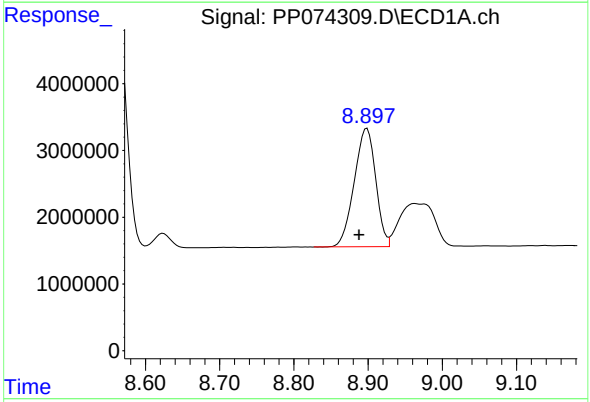
R.T.: 8.566 min
Delta R.T.: 0.004 min
Response: 51128845
Conc: 392.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



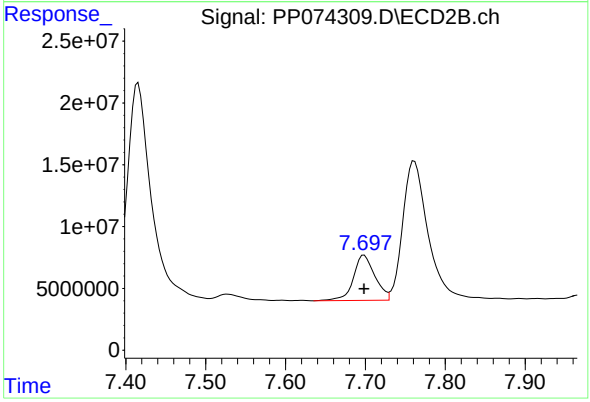
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 149384307
Conc: 372.51 ng/ml



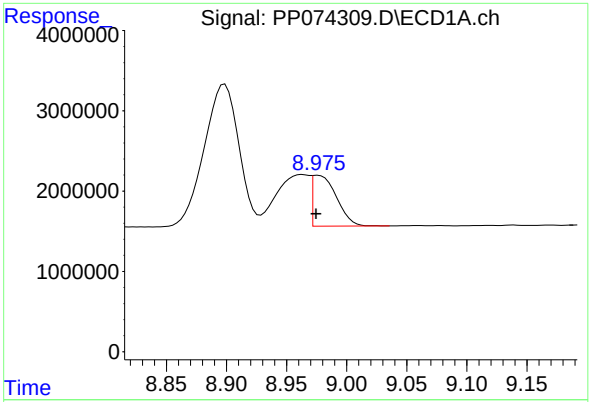
#38 AR-1262-3

R.T.: 8.899 min
Delta R.T.: 0.010 min
Response: 35659813
Conc: 379.07 ng/ml



#38 AR-1262-3

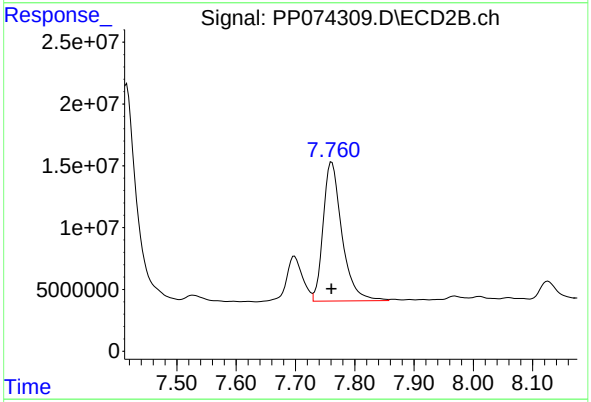
R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 68577315
Conc: 190.77 ng/ml



#39 AR-1262-4

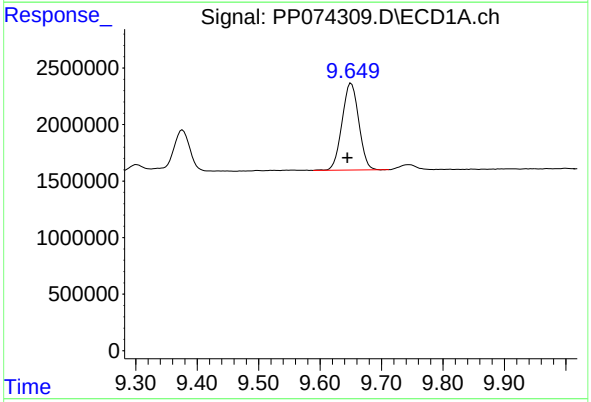
R.T.: 8.976 min
Delta R.T.: 0.002 min
Response: 8821459
Conc: 121.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



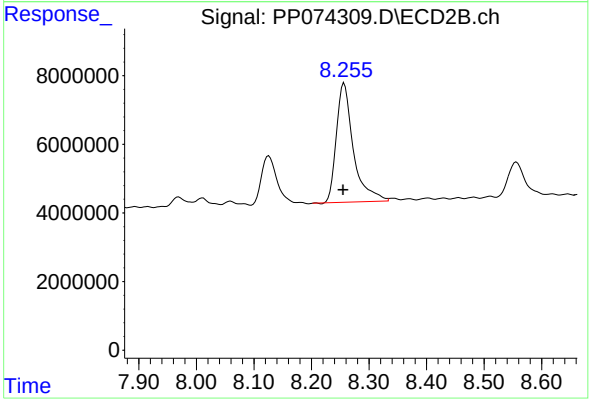
#39 AR-1262-4

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 247472529
Conc: 371.07 ng/ml



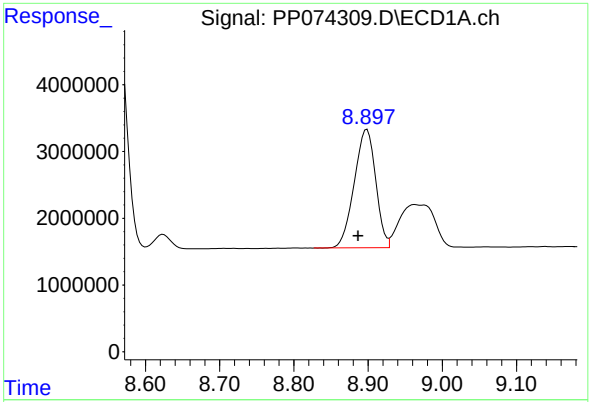
#40 AR-1262-5

R.T.: 9.651 min
Delta R.T.: 0.006 min
Response: 14529552
Conc: 285.33 ng/ml



#40 AR-1262-5

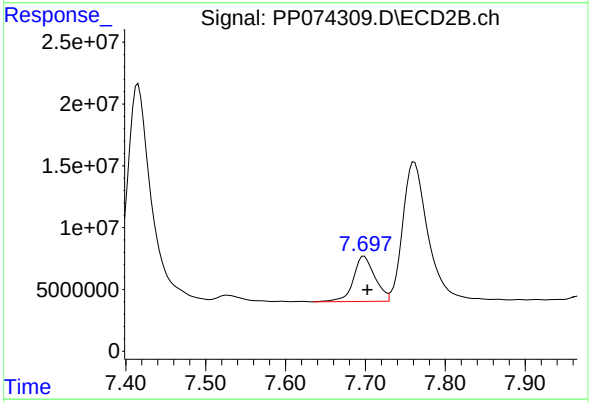
R.T.: 8.257 min
Delta R.T.: 0.002 min
Response: 71597111
Conc: 252.75 ng/ml



#41 AR-1268-1

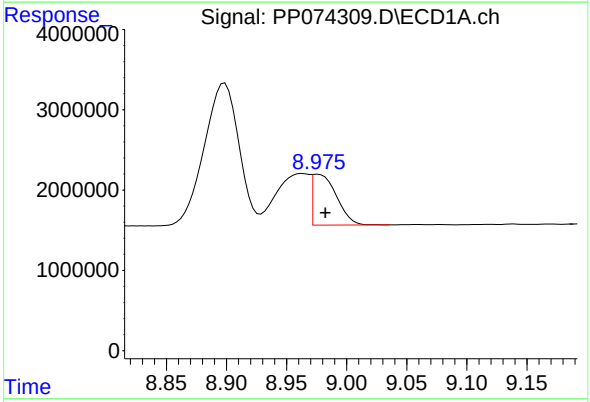
R.T.: 8.899 min
Delta R.T.: 0.012 min
Response: 35659813
Conc: 229.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



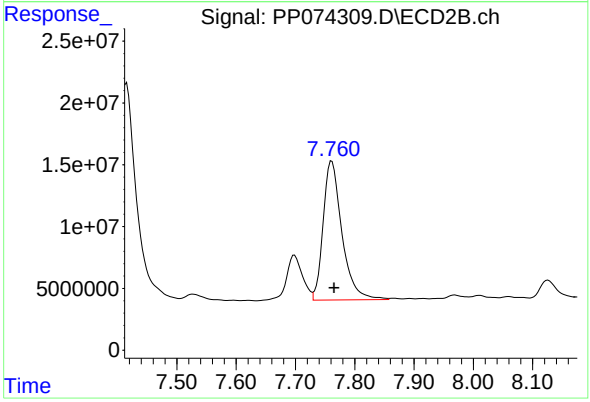
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: -0.004 min
Response: 68577315
Conc: 62.90 ng/ml



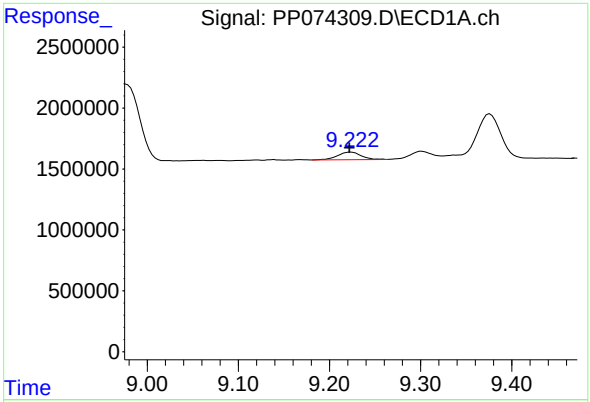
#42 AR-1268-2

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 8821459
Conc: 61.51 ng/ml



#42 AR-1268-2

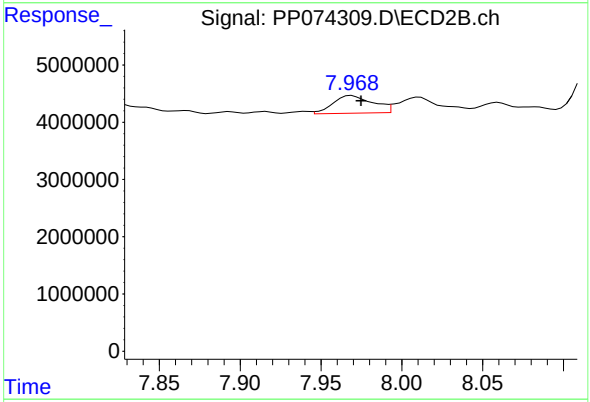
R.T.: 7.761 min
Delta R.T.: -0.004 min
Response: 247472529
Conc: 233.17 ng/ml



#43 AR-1268-3

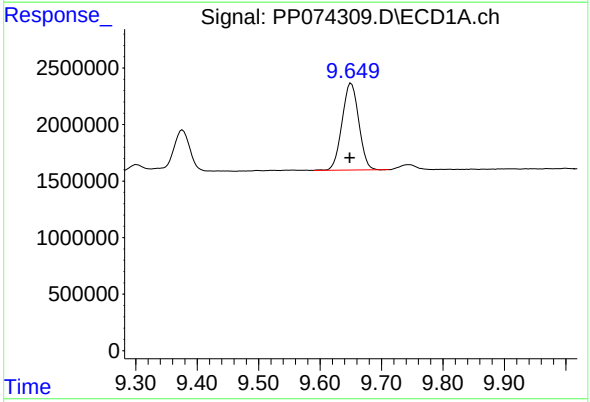
R.T.: 9.224 min
Delta R.T.: 0.002 min
Response: 1133561
Conc: 9.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



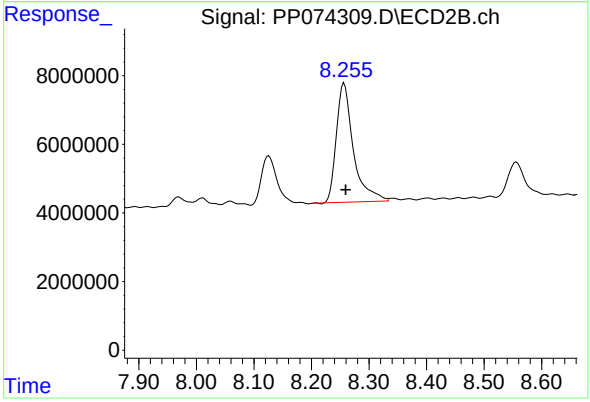
#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: -0.006 min
Response: 5277612
Conc: 6.34 ng/ml



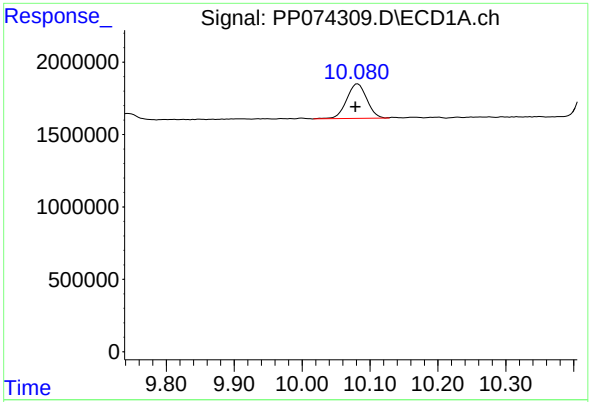
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.003 min
Response: 14529552
Conc: 247.05 ng/ml



#44 AR-1268-4

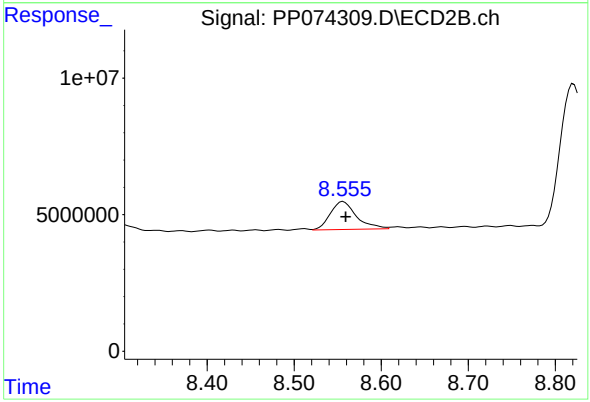
R.T.: 8.257 min
Delta R.T.: -0.002 min
Response: 71597111
Conc: 232.41 ng/ml



#45 AR-1268-5

R.T.: 10.082 min
Delta R.T.: 0.003 min
Response: 4915065
Conc: 13.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169205BS



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: -0.003 min
Response: 21332104
Conc: 8.37 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound		RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds								
1)	SA	Tetrachlo...	4.657	3.800	29282786	84433109	26.185	22.020	
2)	SA	Decachlor...	10.437	8.820	19335273	105.2E6	19.909	17.488	
	Target Compounds								
3)	L1	AR-1016-1	5.809	4.901	21480557	221.4E6	520.655	555.093	
4)	L1	AR-1016-2	5.831	4.958	31794685	105.4E6	523.441	561.178	
5)	L1	AR-1016-3	5.894	5.079	20638950	60560553	520.390	570.951	
6)	L1	AR-1016-4	5.991	5.119	17736155	58694992	544.982	537.401	
7)	L1	AR-1016-5	6.283	5.334	16474757	64653966	507.414	552.772	
8)	L2	AR-1221-1	4.853	4.014	2579183	7629131	153.856	155.426	
9)	L2	AR-1221-2	4.942	4.093	3210890	10889786	254.811	303.427	
10)	L2	AR-1221-3	5.018	4.174	12557806	45555195	342.780	336.886	
11)	L3	AR-1232-1	5.018	4.174	12557806	45555195	432.471	449.429	
12)	L3	AR-1232-2	5.545	4.901	16277760	221.4E6	1082.103	1270.582	
13)	L3	AR-1232-3	5.831	5.079	31794685	60560553	1096.304	1321.803	
14)	L3	AR-1232-4	5.991	5.161	17736155	109.7E6	1146.574	1891.791	#
15)	L3	AR-1232-5	6.080	5.334	15686090	64653966	1338.859	1376.218	
16)	L4	AR-1242-1	5.809	4.901	21480557	221.4E6	576.415	641.534	
17)	L4	AR-1242-2	5.831	4.958	31794685	105.4E6	584.365	645.096	
18)	L4	AR-1242-3	5.894	5.079	20638950	60560553	577.542	656.494	
19)	L4	AR-1242-4	5.991	5.161	17736155	109.7E6	607.015	918.964	#
20)	L4	AR-1242-5	6.720	5.684	3440400	76642613	96.755	512.454	#
21)	L5	AR-1248-1	5.809	4.901	21480557	221.4E6	766.765	1035.001	#
22)	L5	AR-1248-2	6.080	5.119	15686090	58694992	389.609	401.162	
23)	L5	AR-1248-3	6.283	5.161	16474757	109.7E6	369.608	640.057	#
24)	L5	AR-1248-4	6.657	5.334	15791645	64653966	303.469	388.607	#
25)	L5	AR-1248-5	6.720	5.684f	3440400	76642613	60.418	263.407	#
26)	L6	AR-1254-1	6.657	5.684	15791645	76642613	299.987	209.302	#
27)	L6	AR-1254-2	6.873	5.831	13769891	62702065	173.196	225.371	#
28)	L6	AR-1254-3	7.236	6.249	7976373	123.3E6	91.350	252.126	#
29)	L6	AR-1254-4	7.518	6.459	5089508	8449703	79.761	22.988	#
30)	L6	AR-1254-5	7.933	6.877	44898403	177.0E6	553.312	459.617	
31)	L7	AR-1260-1	7.400	6.550	28140334	207.0E6	499.331	512.404	
32)	L7	AR-1260-2	7.653	6.704	32575808	157.6E6	477.985	503.902	
33)	L7	AR-1260-3	8.012	6.914	21771827	176.5E6	408.508	447.876	
34)	L7	AR-1260-4	8.240	7.175	32485197	132.7E6	518.809	455.876	
35)	L7	AR-1260-5	8.566	7.413	45863963	335.1E6	404.784	442.376	
36)	L8	AR-1262-1	8.240	6.914	32485197	176.5E6	428.623	313.448	#
37)	L8	AR-1262-2	8.566	7.175	45863963	132.7E6	351.637	330.780	
38)	L8	AR-1262-3	8.898	7.697	31725032	60525419	337.246	168.374	#
39)	L8	AR-1262-4	8.974	7.759	18734714	215.3E6	257.162	322.852	#
40)	L8	AR-1262-5	9.651	8.255	13091860	62242150	257.093	219.729	
41)	L9	AR-1268-1	8.898	7.697	31725032	60525419	203.845	55.514	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.974	7.759	18734714	215.3E6	130.623	202.875 #
43)	L9 AR-1268-3	9.223	7.969	1275907	4368524	10.679	5.251 #
44)	L9 AR-1268-4	9.651	8.255	13091860	62242150	222.603	202.046
45)	L9 AR-1268-5	10.081	8.554	4477807	18194131	12.732	7.135 #

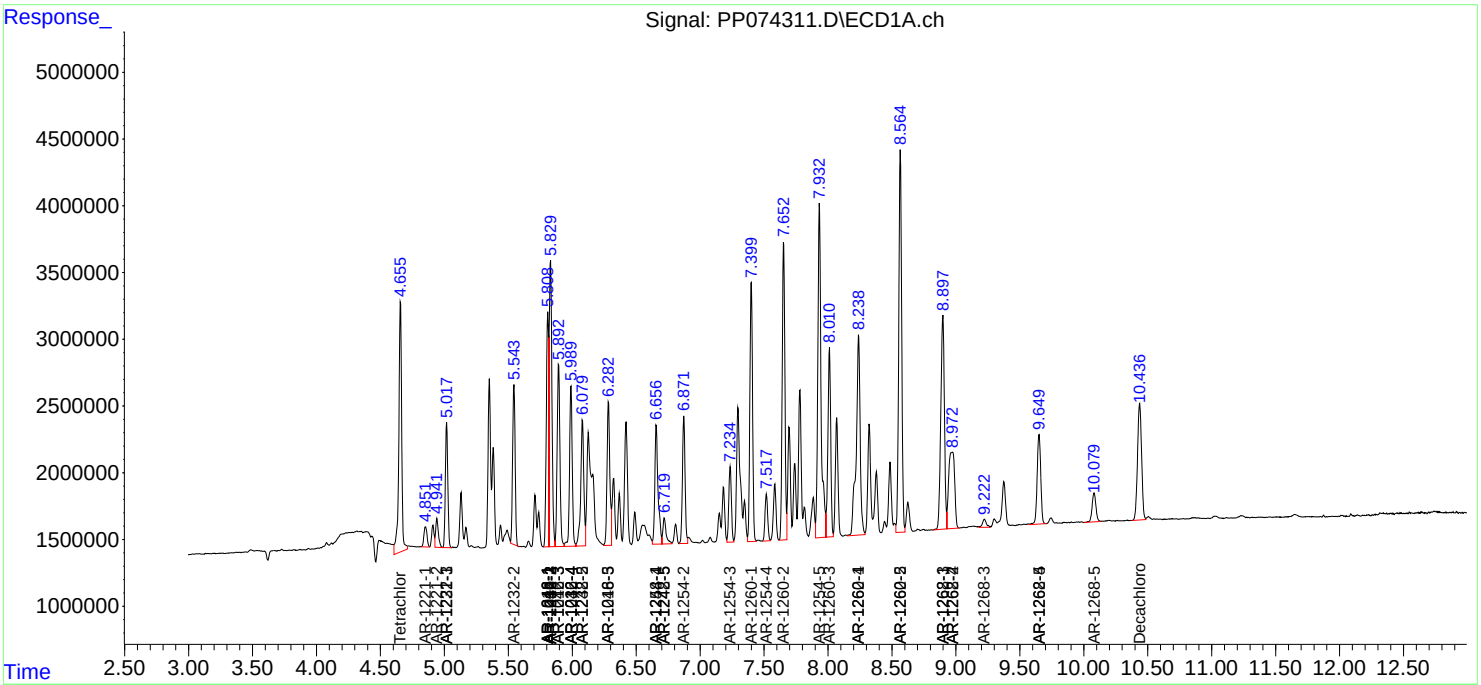
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

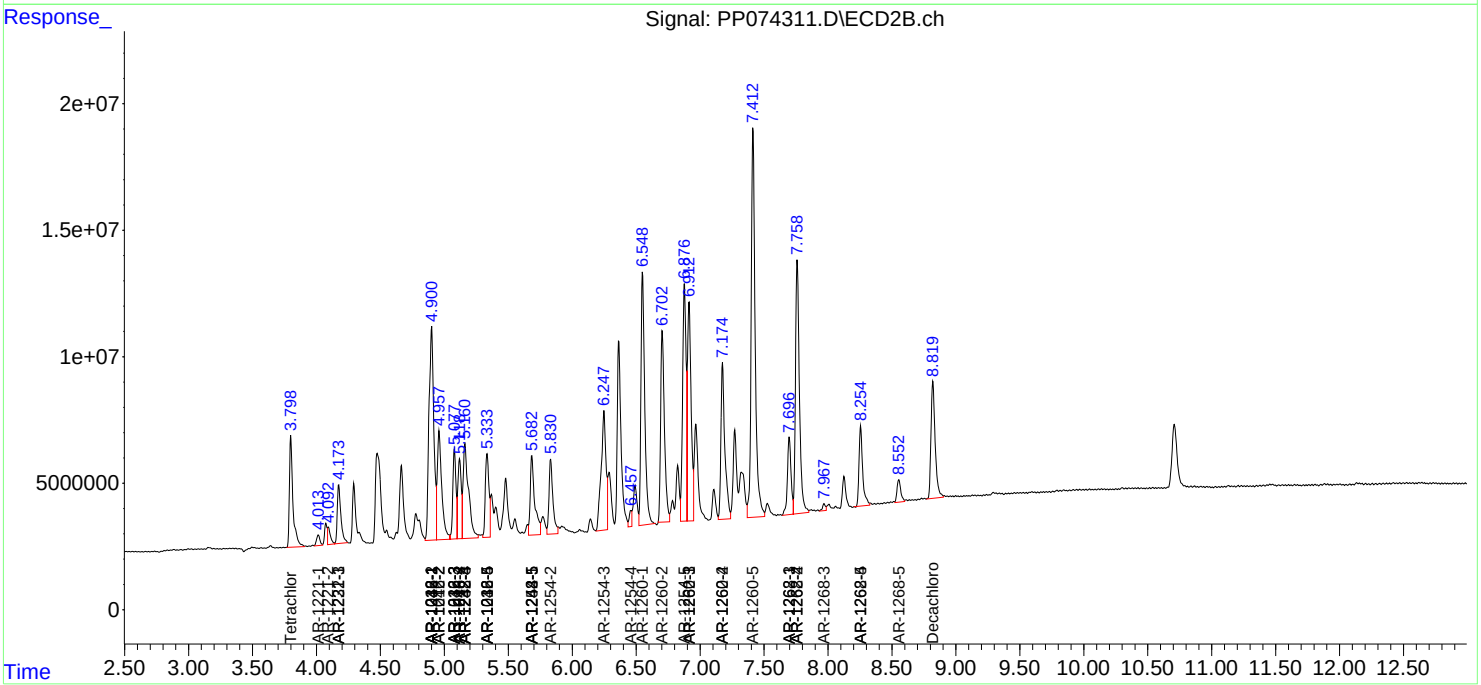
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:37
Operator : YP\AJ
Sample : Q2830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

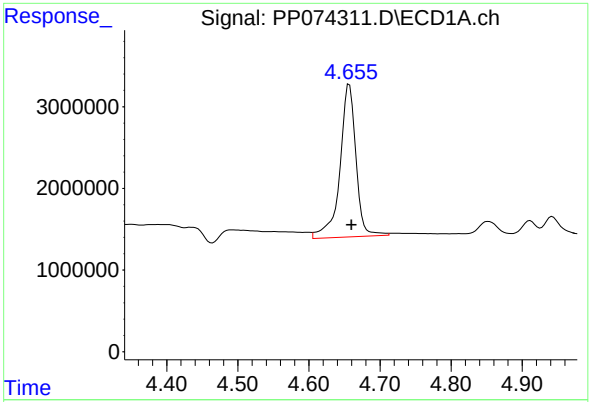
Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



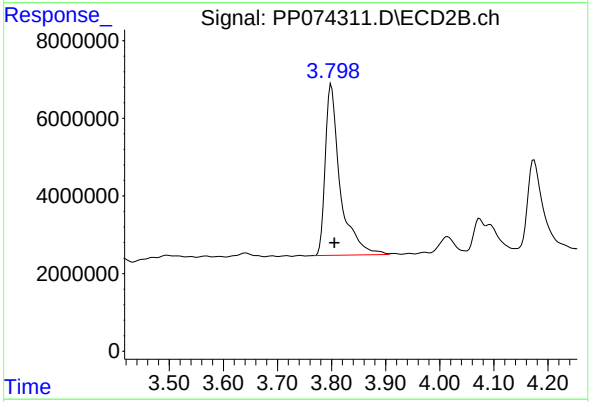




#1 Tetrachloro-m-xylene

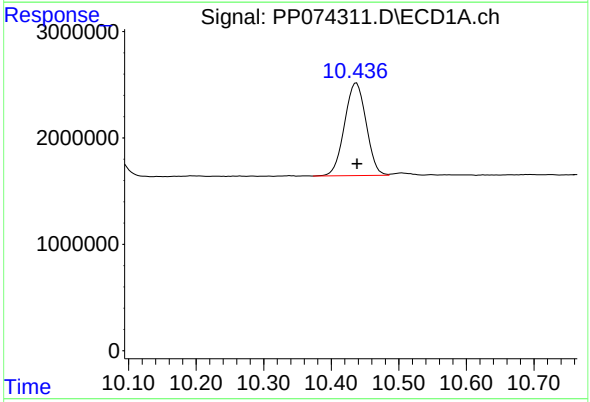
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 29282786
Conc: 26.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



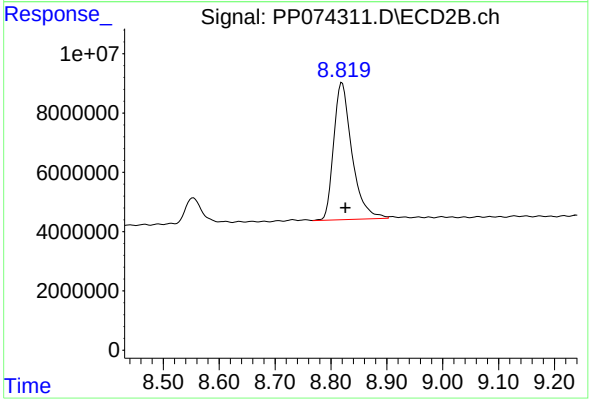
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 84433109
Conc: 22.02 ng/ml



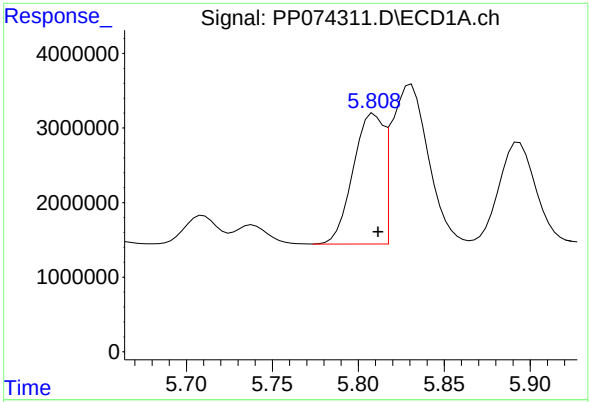
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 19335273
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

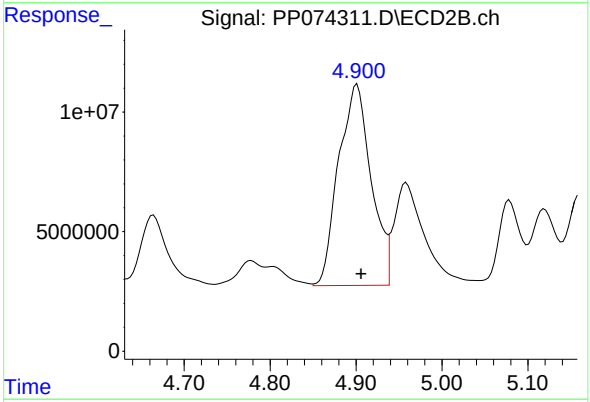
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 105164574
Conc: 17.49 ng/ml



#3 AR-1016-1

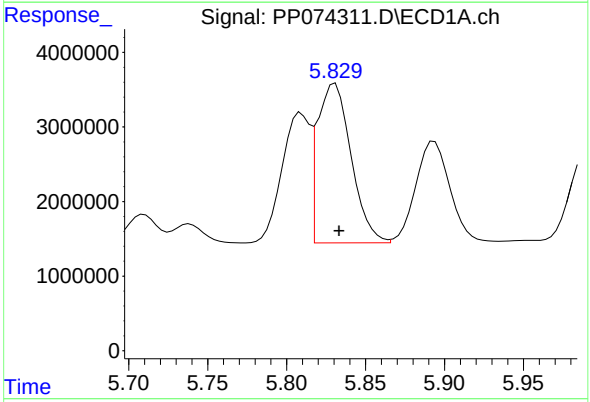
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 21480557
Conc: 520.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



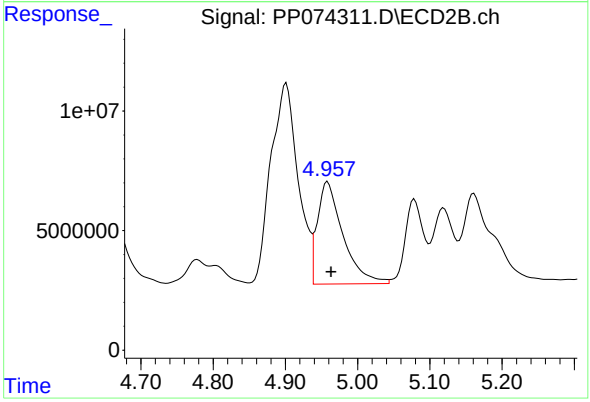
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 221419556
Conc: 555.09 ng/ml



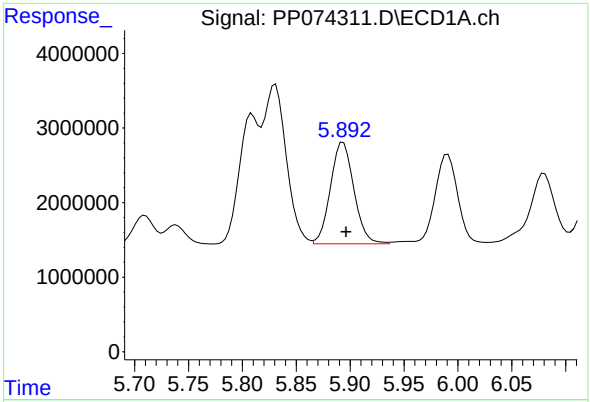
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.003 min
Response: 31794685
Conc: 523.44 ng/ml



#4 AR-1016-2

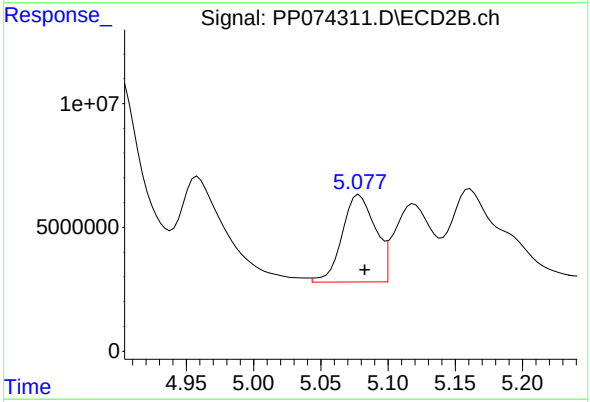
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 105394294
Conc: 561.18 ng/ml



#5 AR-1016-3

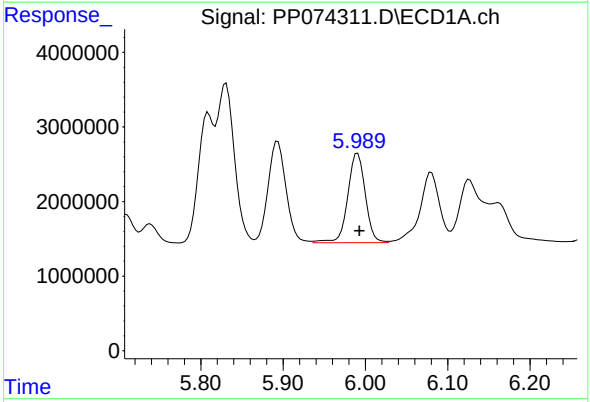
R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 20638950
Conc: 520.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



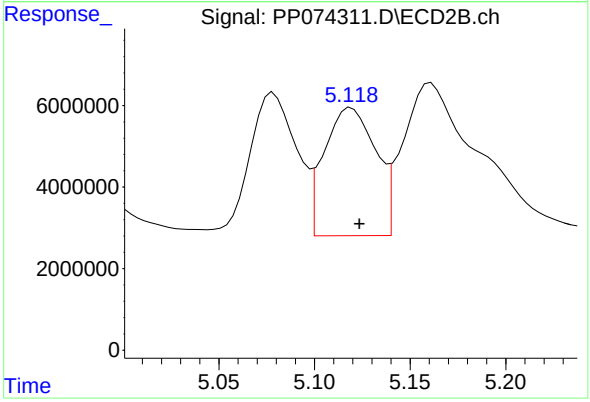
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 60560553
Conc: 570.95 ng/ml



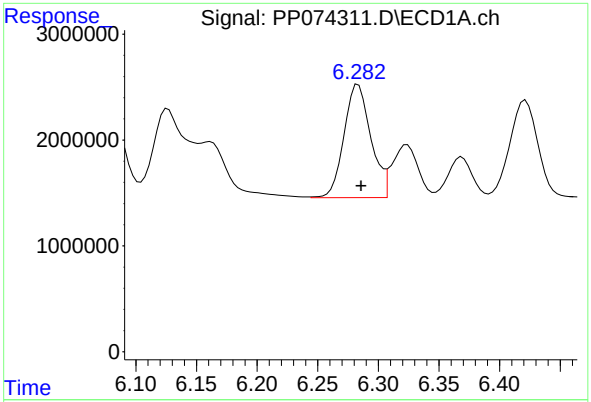
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 17736155
Conc: 544.98 ng/ml



#6 AR-1016-4

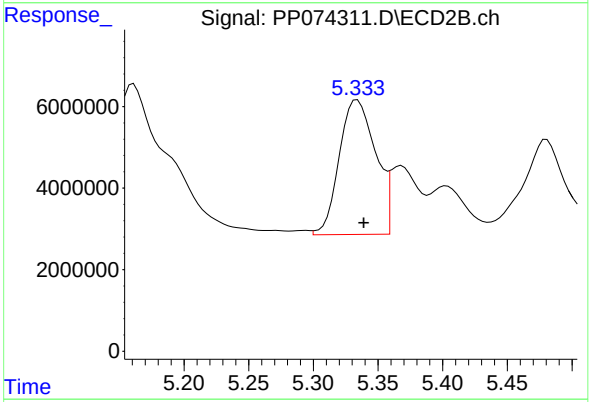
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 58694992
Conc: 537.40 ng/ml



#7 AR-1016-5

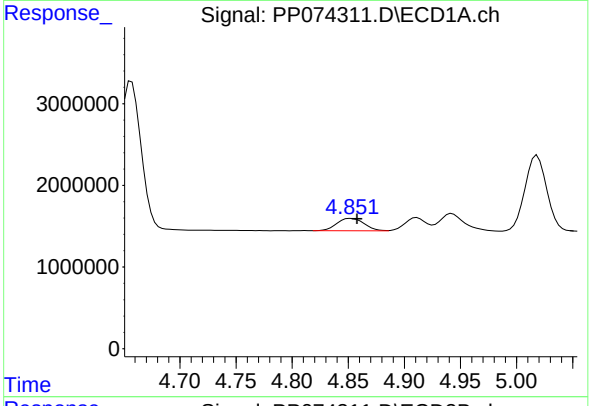
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 16474757
Conc: 507.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



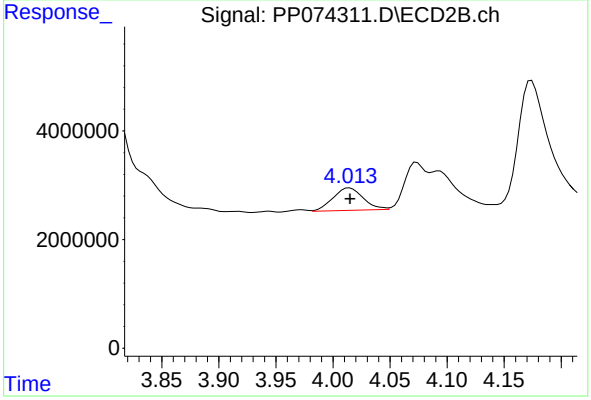
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 64653966
Conc: 552.77 ng/ml



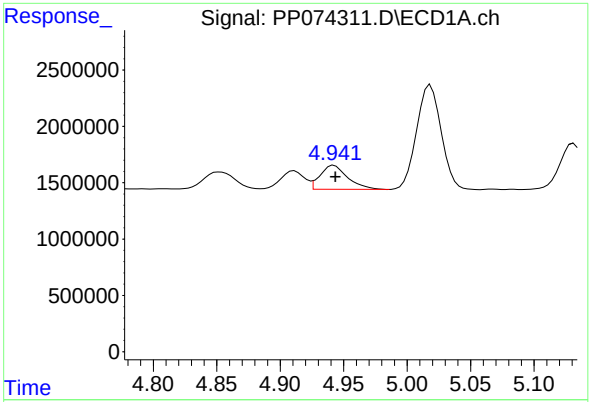
#8 AR-1221-1

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 2579183
Conc: 153.86 ng/ml



#8 AR-1221-1

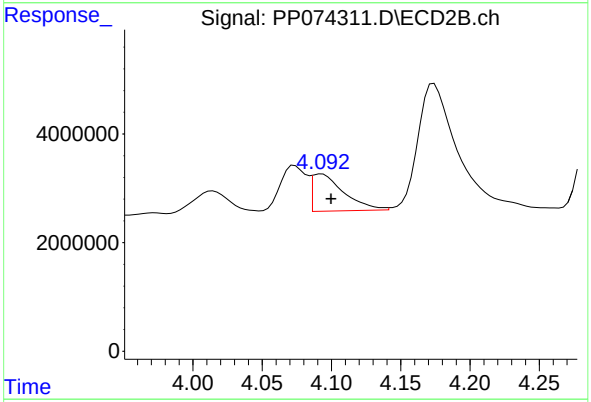
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 7629131
Conc: 155.43 ng/ml



#9 AR-1221-2

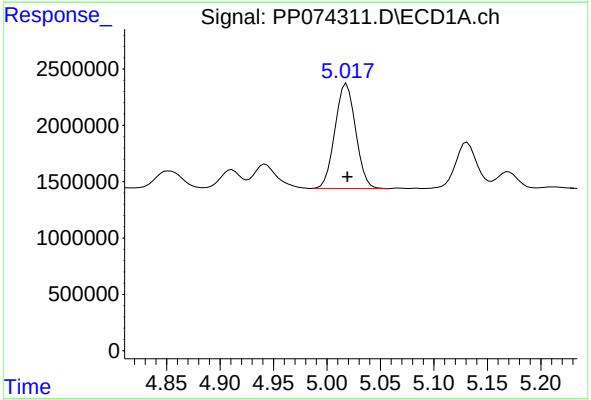
R.T.: 4.942 min
Delta R.T.: -0.001 min
Response: 3210890
Conc: 254.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



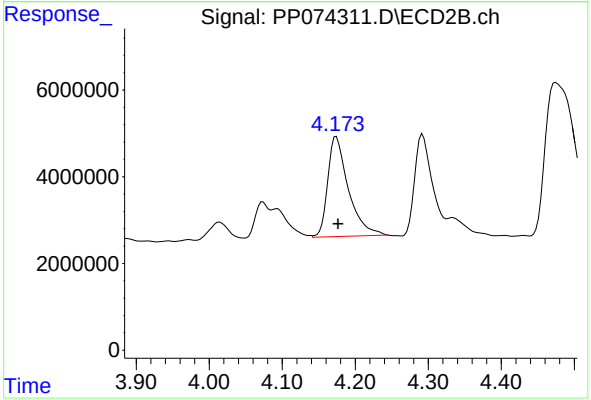
#9 AR-1221-2

R.T.: 4.093 min
Delta R.T.: -0.007 min
Response: 10889786
Conc: 303.43 ng/ml



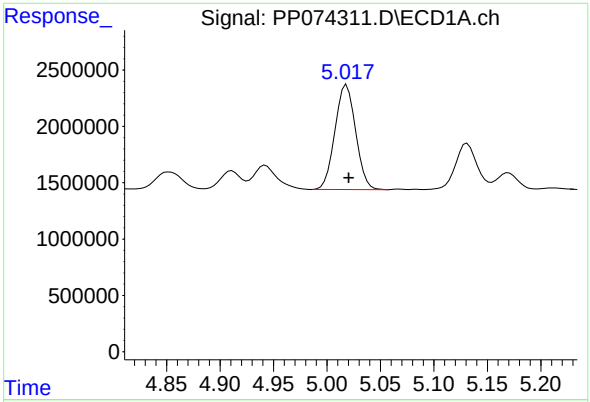
#10 AR-1221-3

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 12557806
Conc: 342.78 ng/ml



#10 AR-1221-3

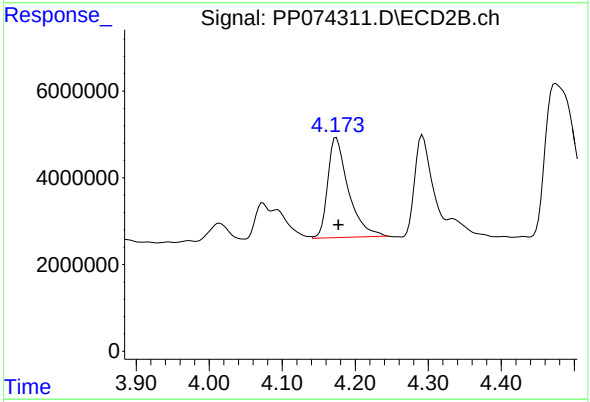
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 45555195
Conc: 336.89 ng/ml



#11 AR-1232-1

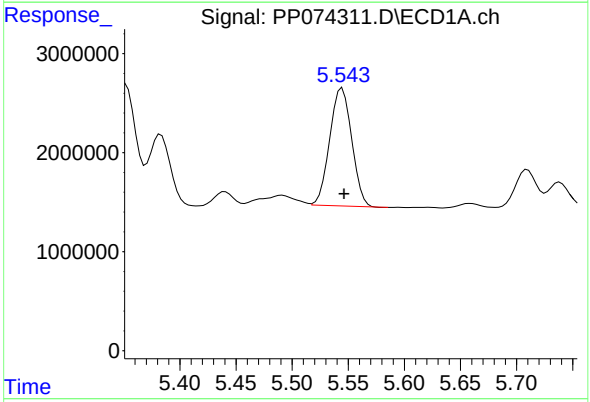
R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 12557806
Conc: 432.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



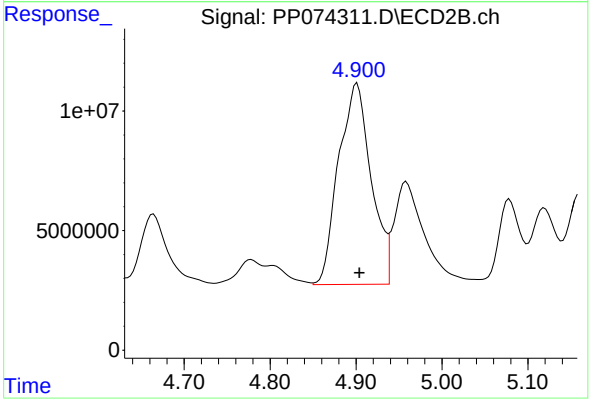
#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 45555195
Conc: 449.43 ng/ml



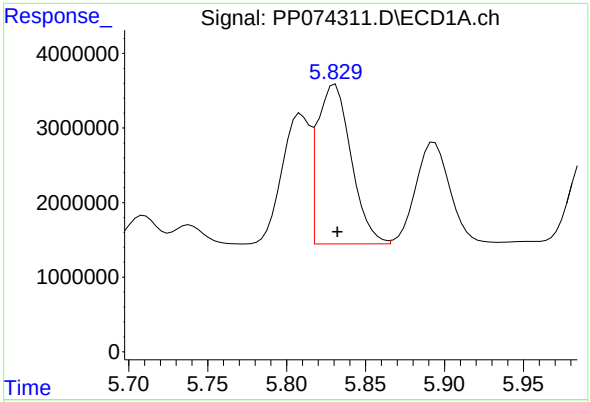
#12 AR-1232-2

R.T.: 5.545 min
Delta R.T.: -0.002 min
Response: 16277760
Conc: 1082.10 ng/ml



#12 AR-1232-2

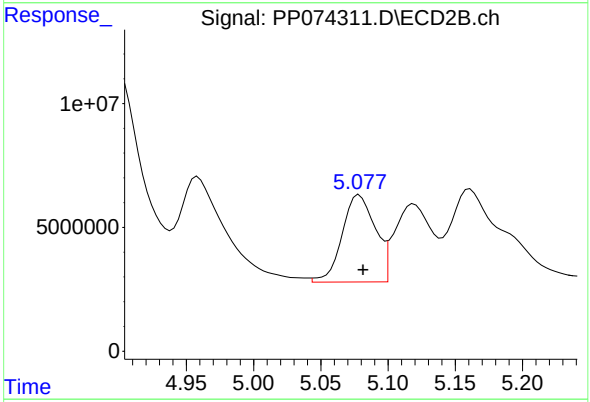
R.T.: 4.901 min
Delta R.T.: -0.003 min
Response: 221419556
Conc: 1270.58 ng/ml



#13 AR-1232-3

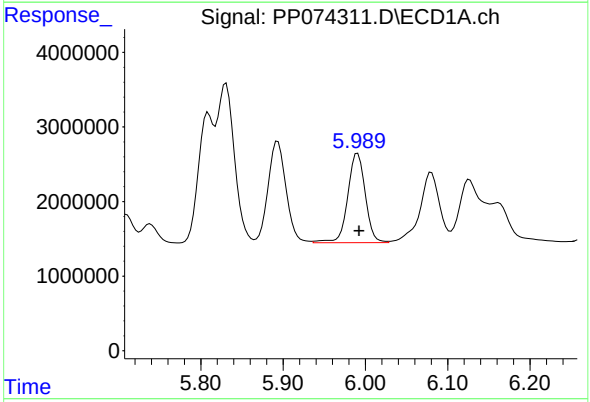
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 31794685
Conc: 1096.30 ng/m

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



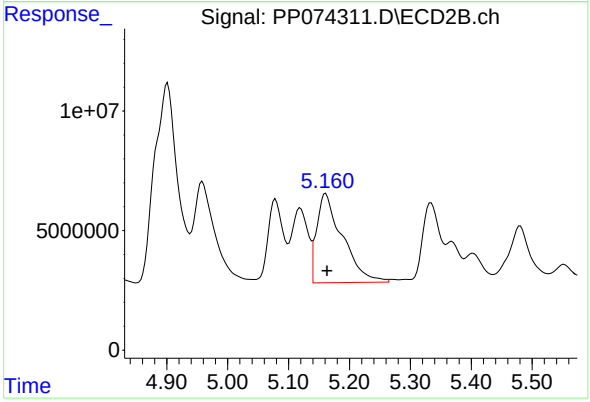
#13 AR-1232-3

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 60560553
Conc: 1321.80 ng/ml



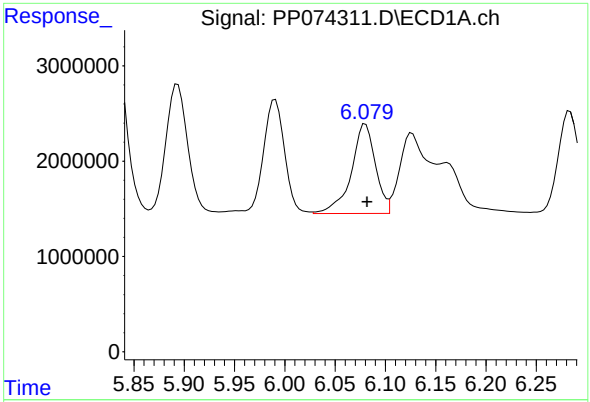
#14 AR-1232-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 17736155
Conc: 1146.57 ng/ml



#14 AR-1232-4

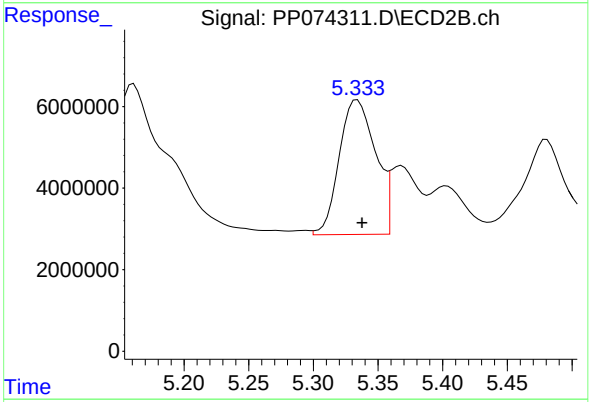
R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 109744140
Conc: 1891.79 ng/ml



#15 AR-1232-5

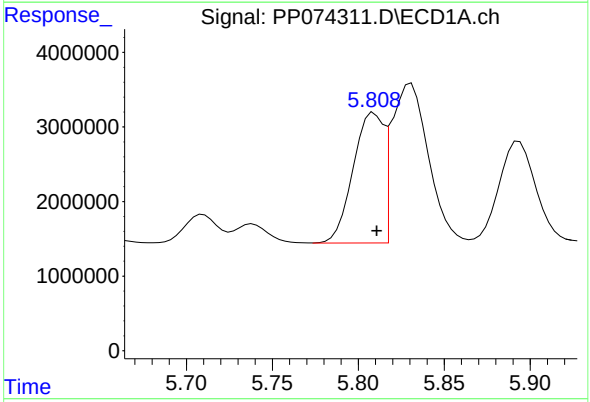
R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 15686090
Conc: 1338.86 ng/m

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



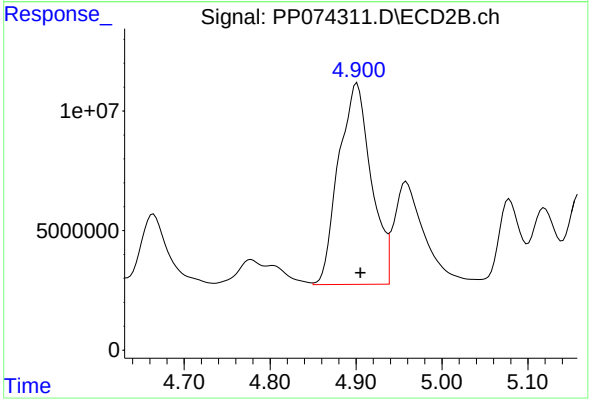
#15 AR-1232-5

R.T.: 5.334 min
Delta R.T.: -0.004 min
Response: 64653966
Conc: 1376.22 ng/ml



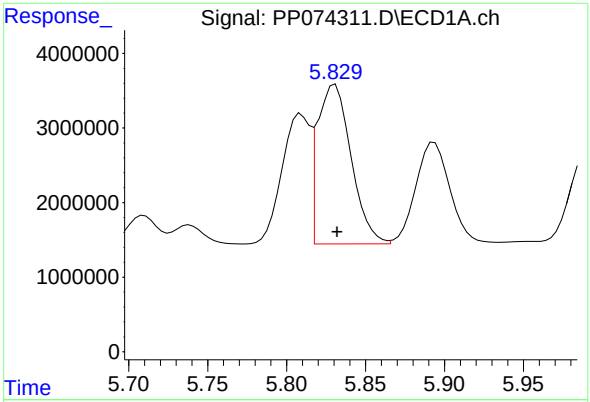
#16 AR-1242-1

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 21480557
Conc: 576.41 ng/ml



#16 AR-1242-1

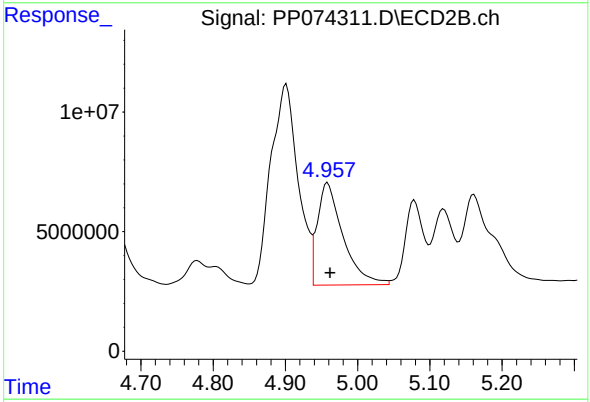
R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 221419556
Conc: 641.53 ng/ml



#17 AR-1242-2

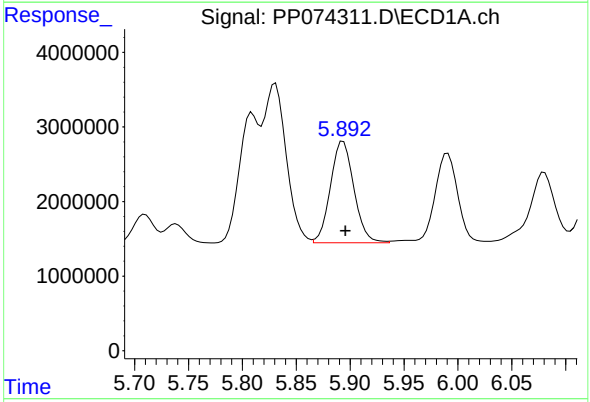
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 31794685
Conc: 584.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



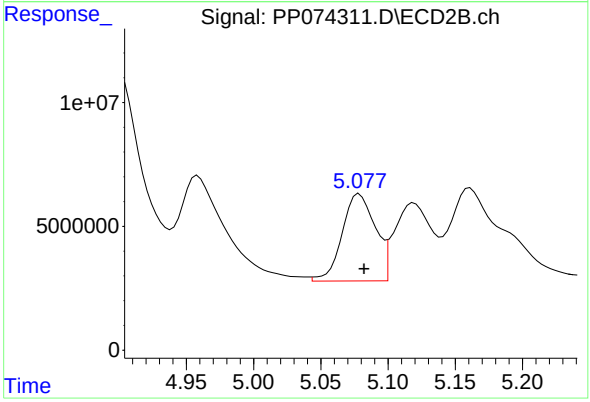
#17 AR-1242-2

R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 105394294
Conc: 645.10 ng/ml



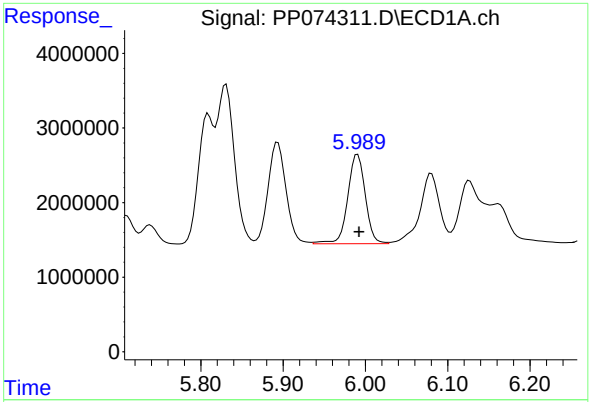
#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 20638950
Conc: 577.54 ng/ml



#18 AR-1242-3

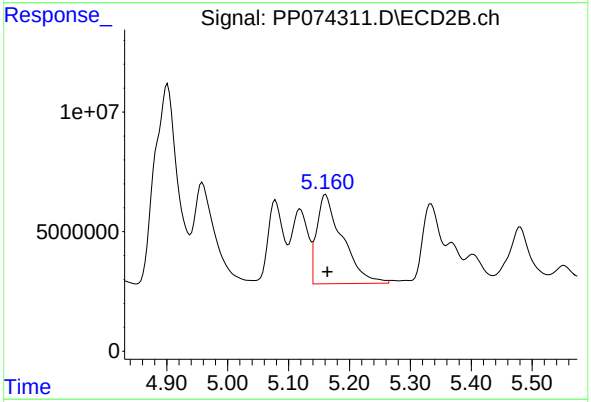
R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 60560553
Conc: 656.49 ng/ml



#19 AR-1242-4

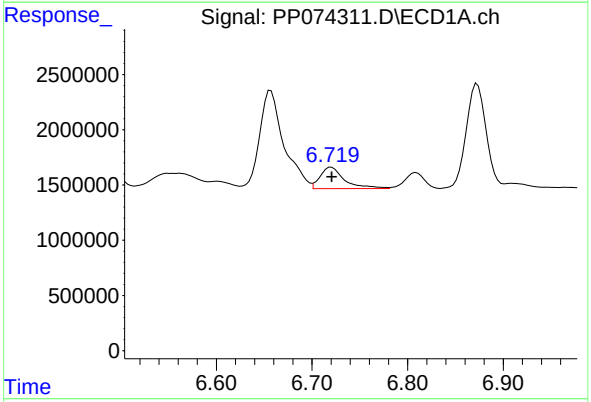
R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 17736155
Conc: 607.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



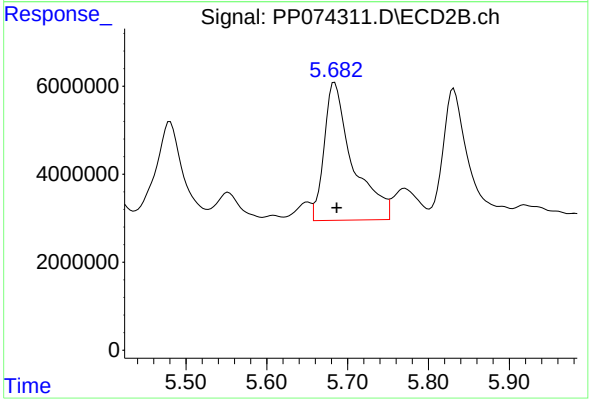
#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 109744140
Conc: 918.96 ng/ml



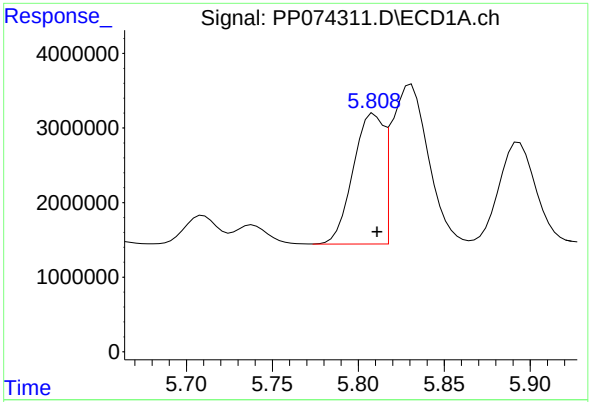
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 3440400
Conc: 96.75 ng/ml



#20 AR-1242-5

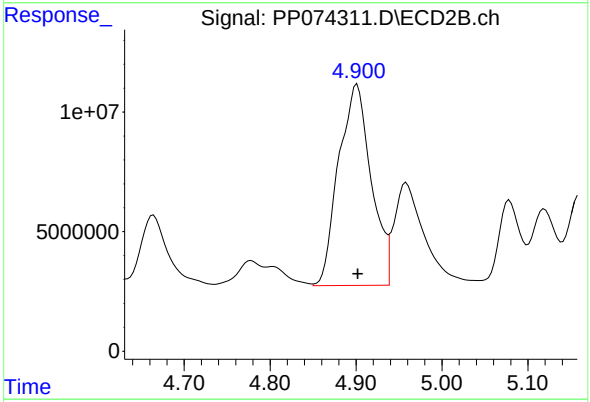
R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 76642613
Conc: 512.45 ng/ml



#21 AR-1248-1

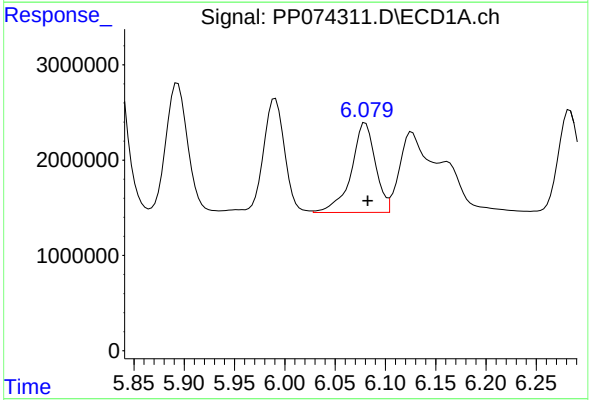
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 21480557
Conc: 766.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



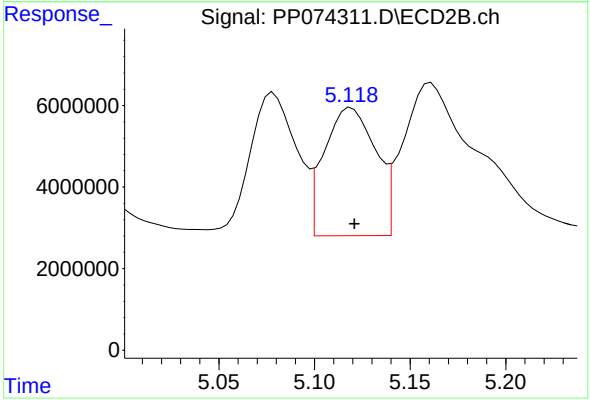
#21 AR-1248-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 221419556
Conc: 1035.00 ng/ml



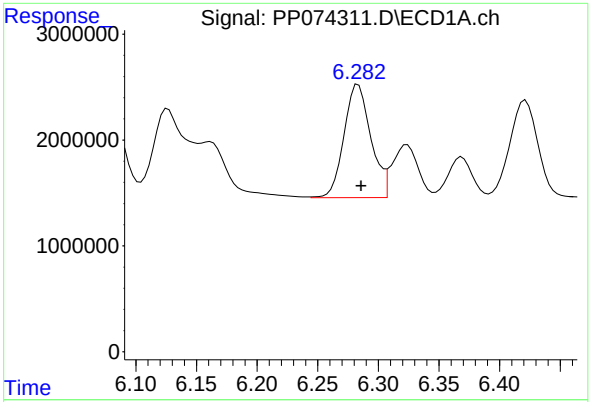
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 15686090
Conc: 389.61 ng/ml



#22 AR-1248-2

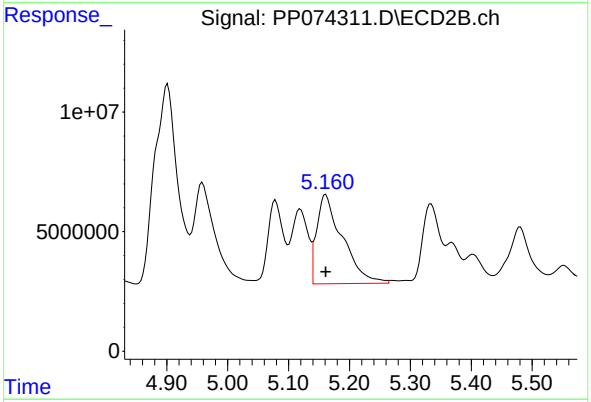
R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 58694992
Conc: 401.16 ng/ml



#23 AR-1248-3

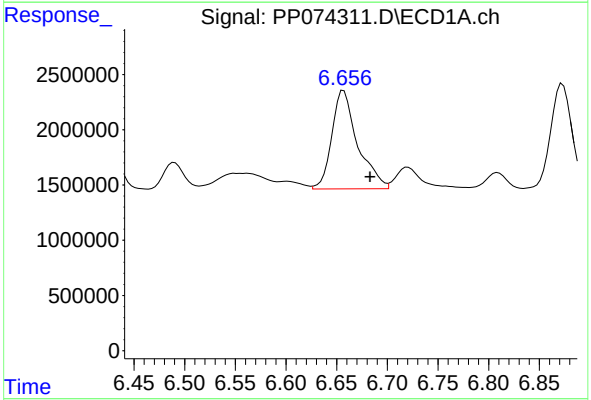
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 16474757
Conc: 369.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



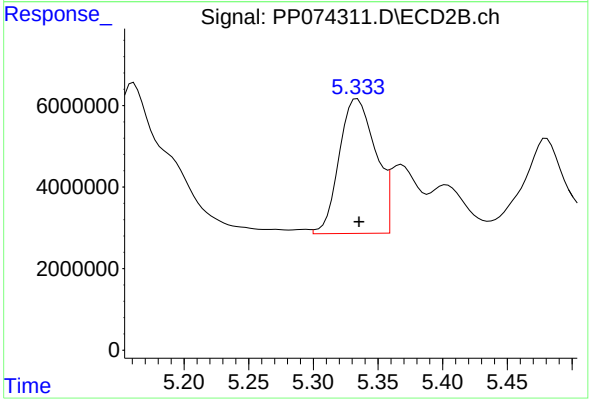
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 109744140
Conc: 640.06 ng/ml



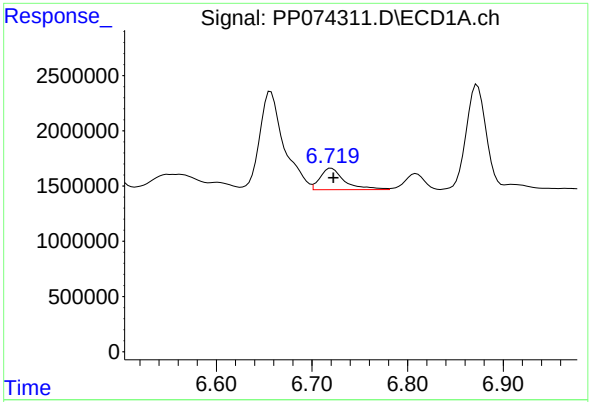
#24 AR-1248-4

R.T.: 6.657 min
Delta R.T.: -0.026 min
Response: 15791645
Conc: 303.47 ng/ml



#24 AR-1248-4

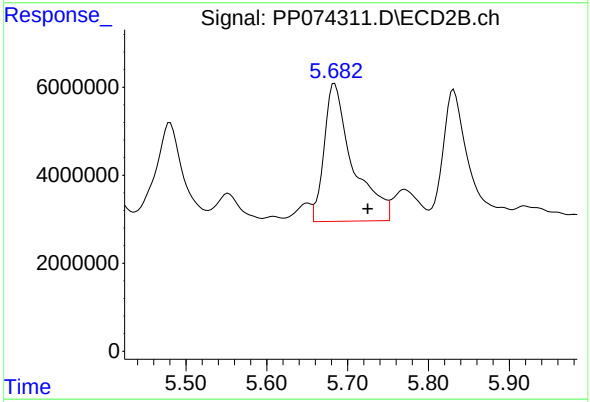
R.T.: 5.334 min
Delta R.T.: -0.001 min
Response: 64653966
Conc: 388.61 ng/ml



#25 AR-1248-5

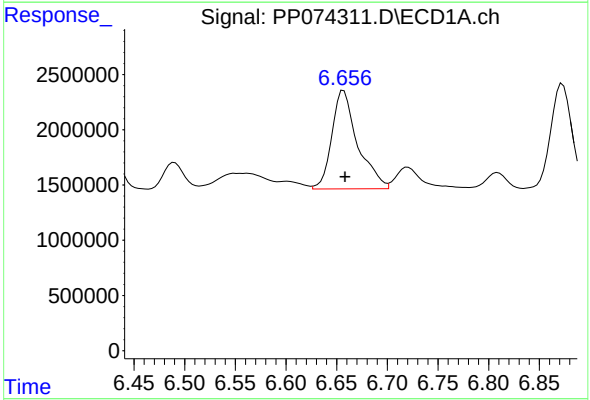
R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 3440400
Conc: 60.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



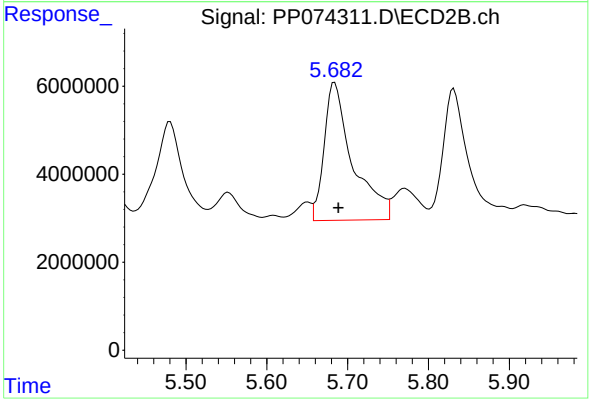
#25 AR-1248-5

R.T.: 5.684 min
Delta R.T.: -0.041 min
Response: 76642613
Conc: 263.41 ng/ml



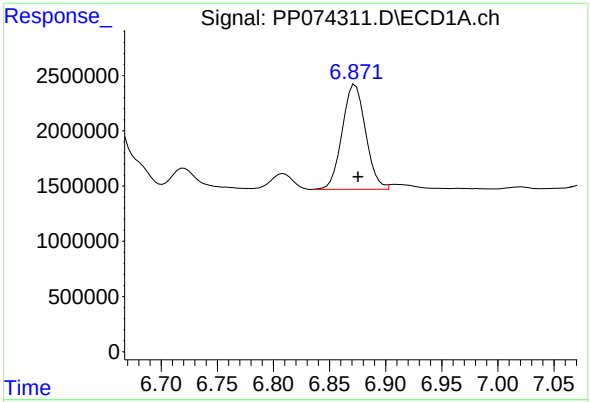
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 15791645
Conc: 299.99 ng/ml



#26 AR-1254-1

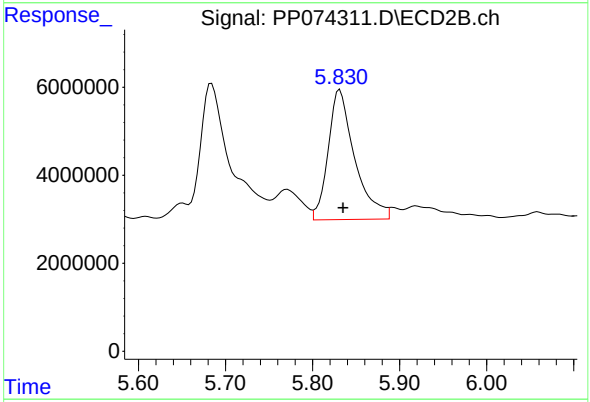
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 76642613
Conc: 209.30 ng/ml



#27 AR-1254-2

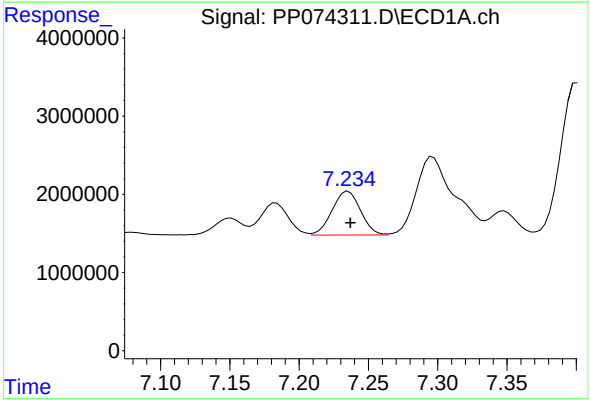
R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 13769891
Conc: 173.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



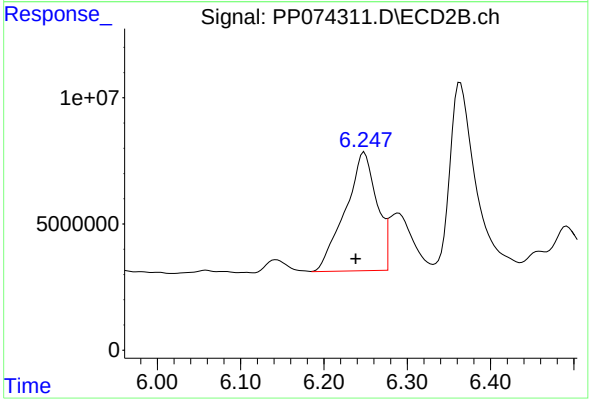
#27 AR-1254-2

R.T.: 5.831 min
Delta R.T.: -0.004 min
Response: 62702065
Conc: 225.37 ng/ml



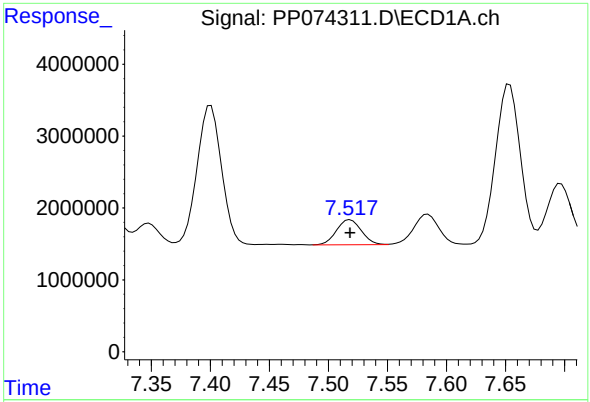
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 7976373
Conc: 91.35 ng/ml



#28 AR-1254-3

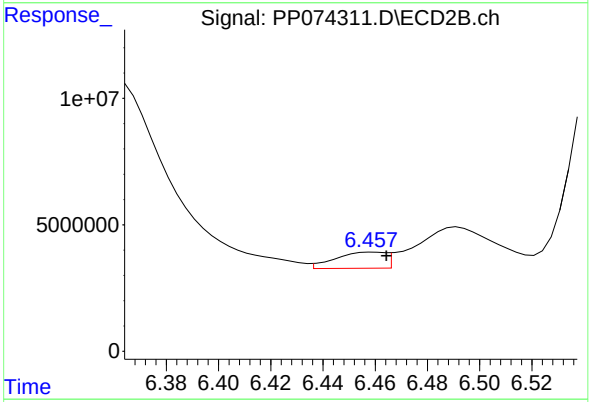
R.T.: 6.249 min
Delta R.T.: 0.010 min
Response: 123342780
Conc: 252.13 ng/ml



#29 AR-1254-4

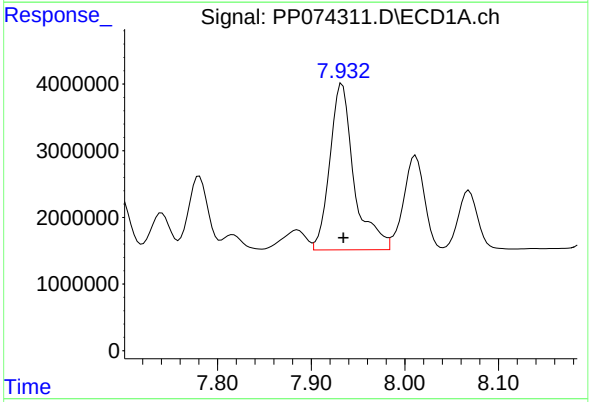
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 5089508
Conc: 79.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



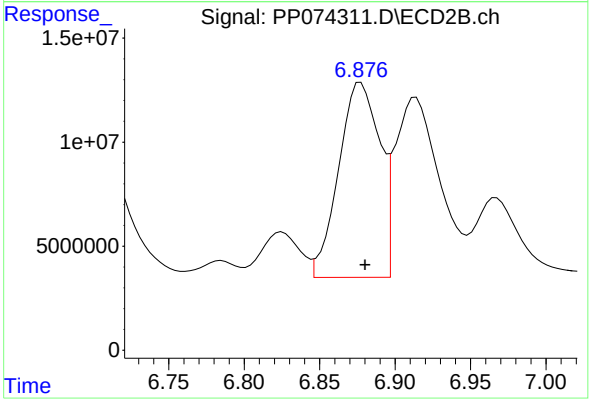
#29 AR-1254-4

R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 8449703
Conc: 22.99 ng/ml



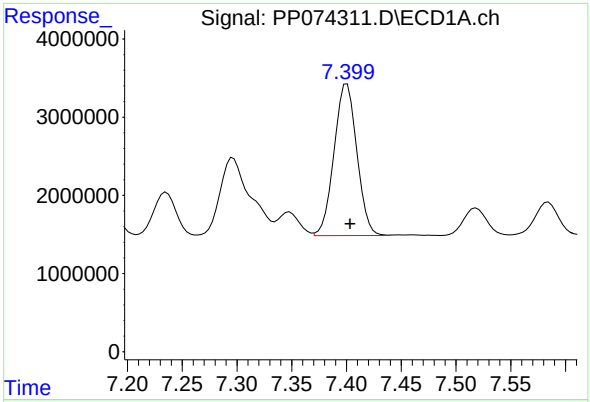
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: -0.001 min
Response: 44898403
Conc: 553.31 ng/ml



#30 AR-1254-5

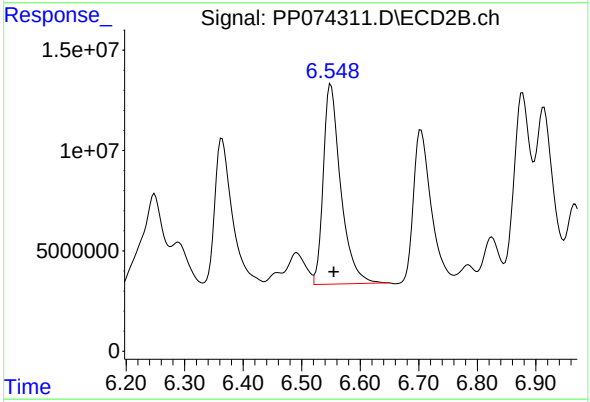
R.T.: 6.877 min
Delta R.T.: -0.003 min
Response: 177029272
Conc: 459.62 ng/ml



#31 AR-1260-1

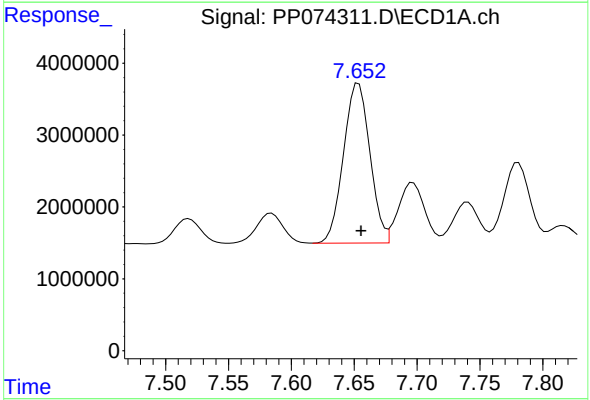
R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 28140334
Conc: 499.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



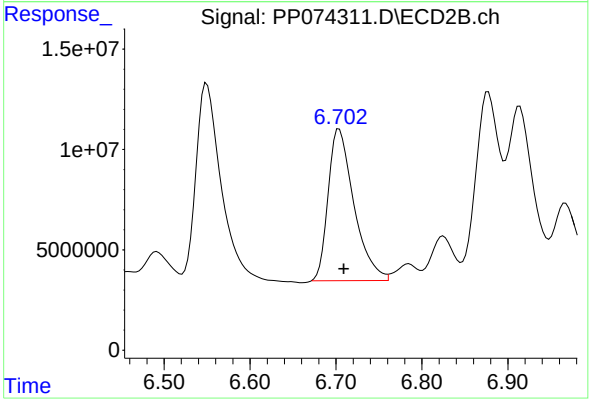
#31 AR-1260-1

R.T.: 6.550 min
Delta R.T.: -0.005 min
Response: 206989419
Conc: 512.40 ng/ml



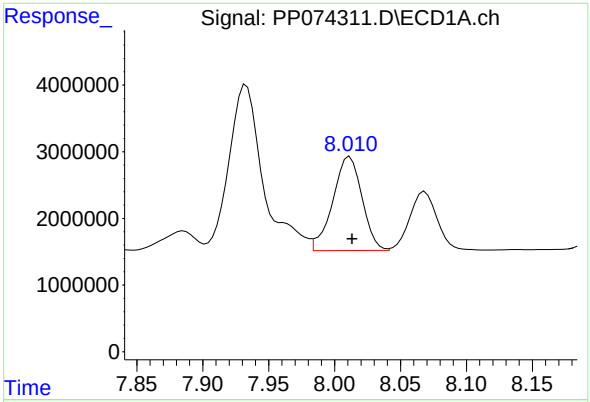
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: -0.002 min
Response: 32575808
Conc: 477.98 ng/ml



#32 AR-1260-2

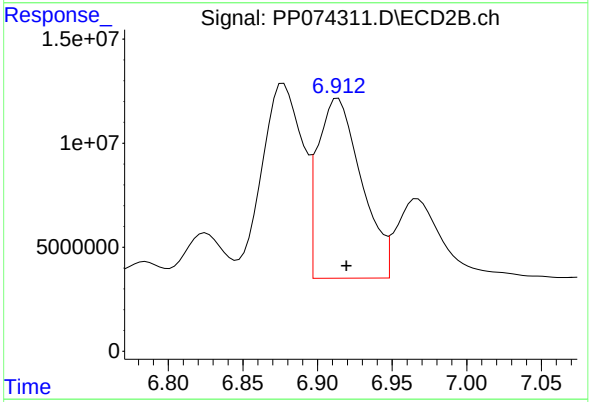
R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 157569693
Conc: 503.90 ng/ml



#33 AR-1260-3

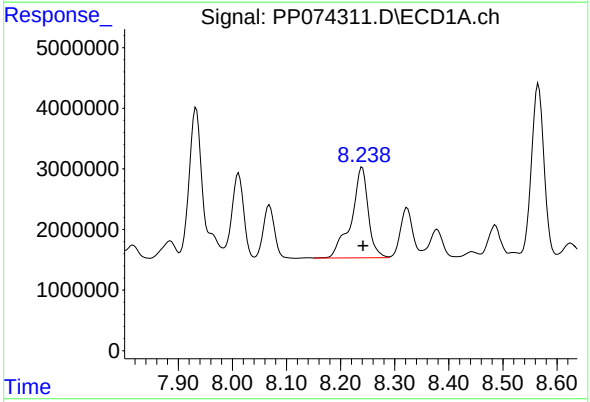
R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 21771827
Conc: 408.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



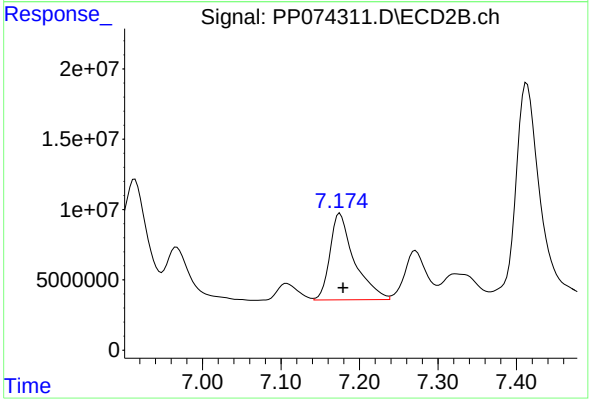
#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.006 min
Response: 176516117
Conc: 447.88 ng/ml



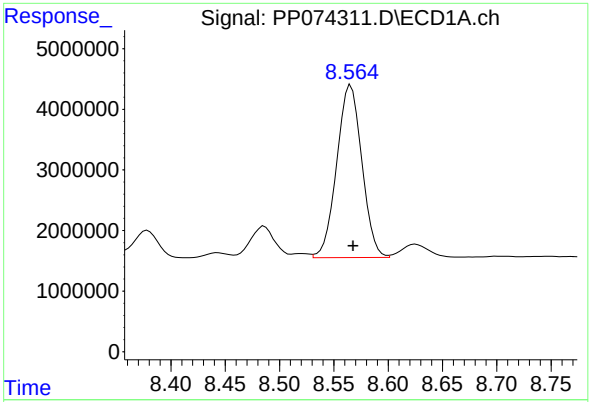
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 32485197
Conc: 518.81 ng/ml



#34 AR-1260-4

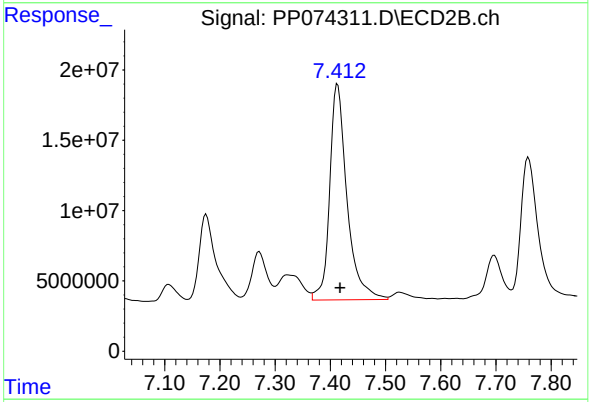
R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 132650496
Conc: 455.88 ng/ml



#35 AR-1260-5

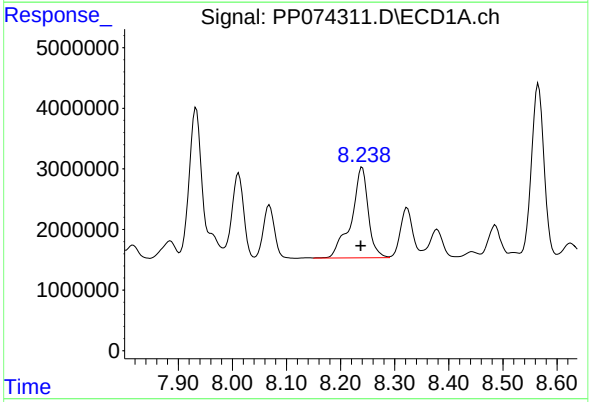
R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 45863963
Conc: 404.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



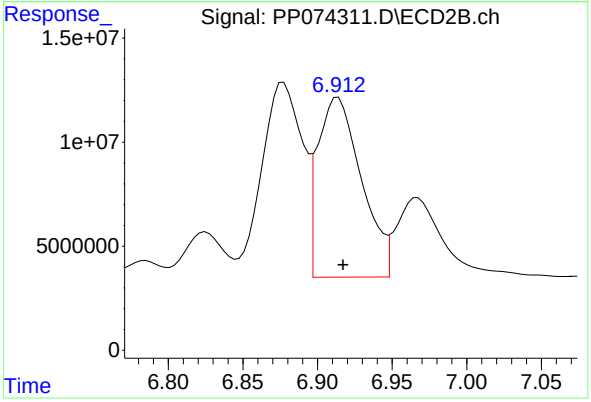
#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: -0.005 min
Response: 335060197
Conc: 442.38 ng/ml



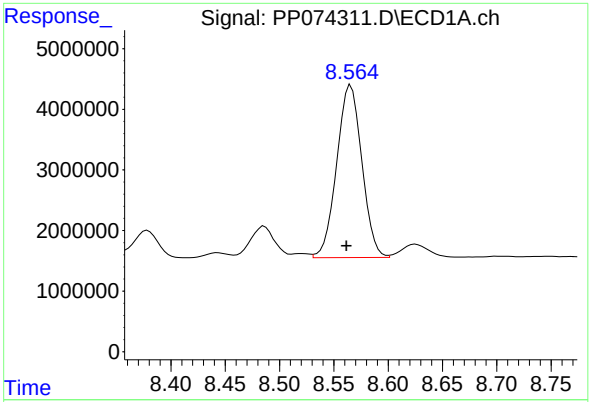
#36 AR-1262-1

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 32485197
Conc: 428.62 ng/ml



#36 AR-1262-1

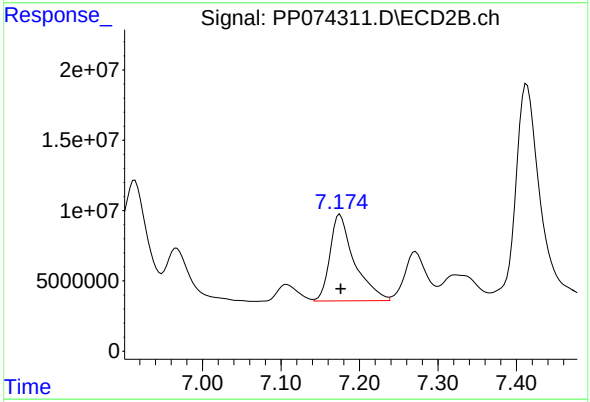
R.T.: 6.914 min
Delta R.T.: -0.003 min
Response: 176516117
Conc: 313.45 ng/ml



#37 AR-1262-2

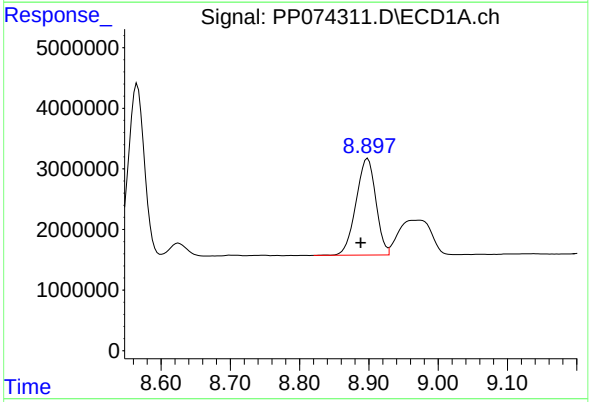
R.T.: 8.566 min
Delta R.T.: 0.004 min
Response: 45863963
Conc: 351.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



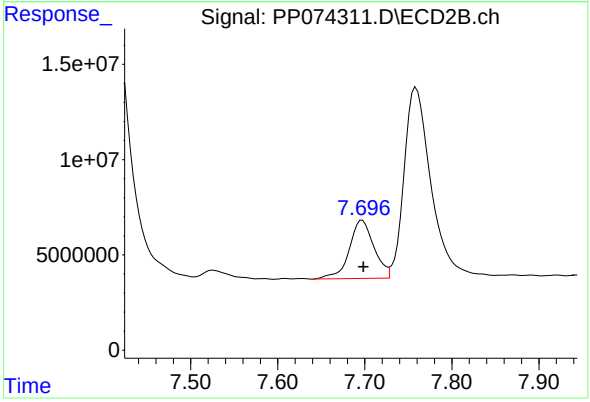
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 132650496
Conc: 330.78 ng/ml



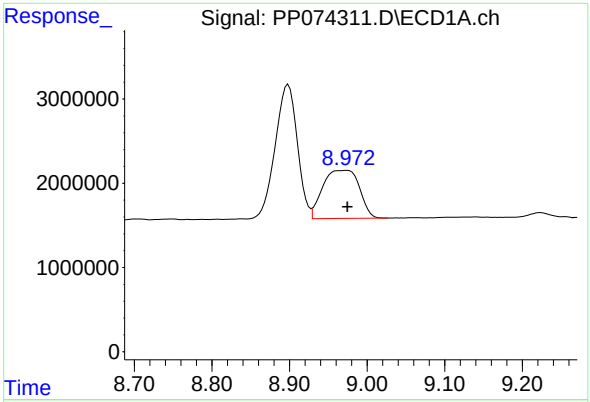
#38 AR-1262-3

R.T.: 8.898 min
Delta R.T.: 0.010 min
Response: 31725032
Conc: 337.25 ng/ml



#38 AR-1262-3

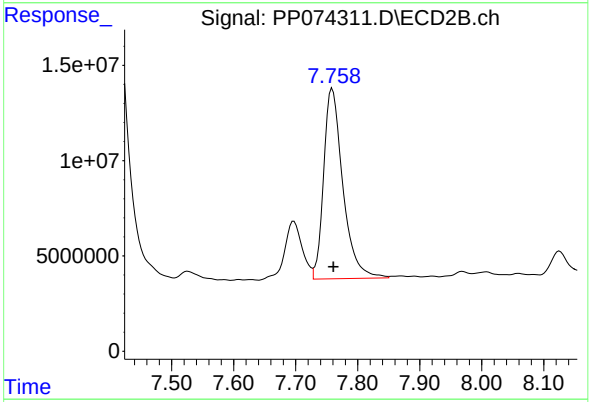
R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 60525419
Conc: 168.37 ng/ml



#39 AR-1262-4

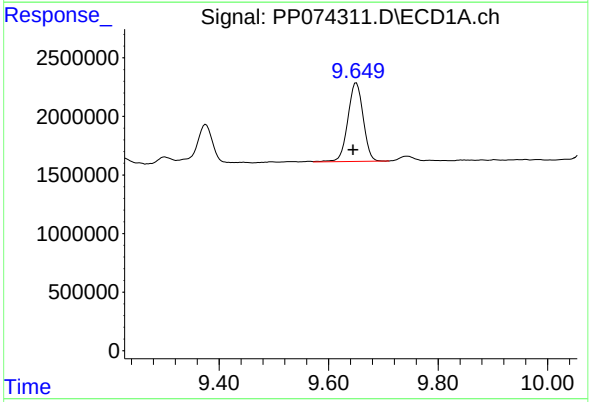
R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 18734714
Conc: 257.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



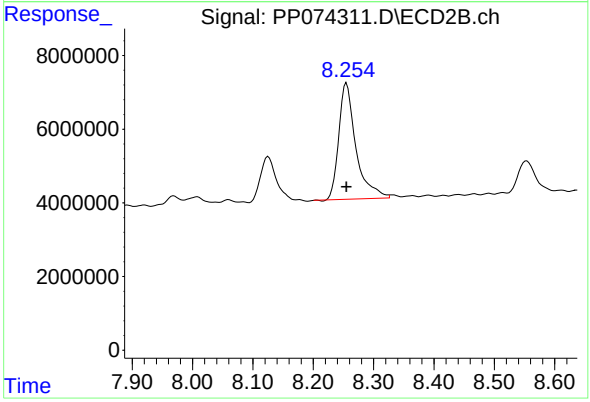
#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 215316810
Conc: 322.85 ng/ml



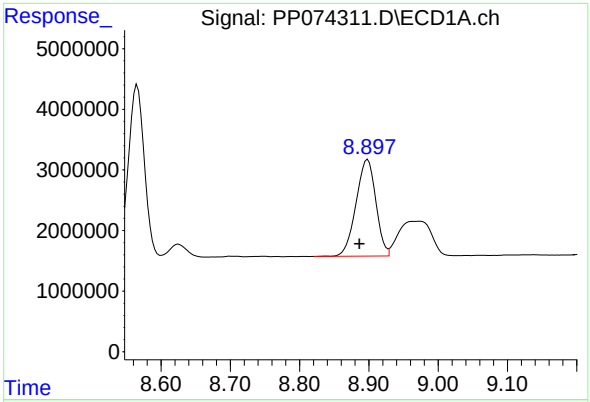
#40 AR-1262-5

R.T.: 9.651 min
Delta R.T.: 0.006 min
Response: 13091860
Conc: 257.09 ng/ml



#40 AR-1262-5

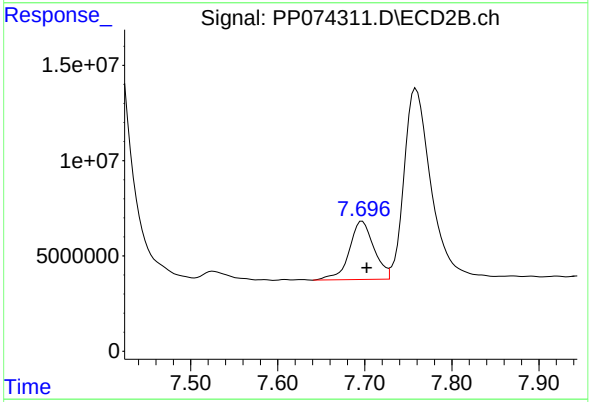
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 62242150
Conc: 219.73 ng/ml



#41 AR-1268-1

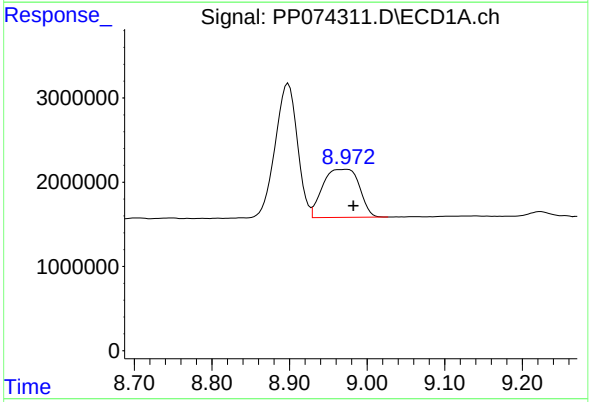
R.T.: 8.898 min
Delta R.T.: 0.012 min
Response: 31725032
Conc: 203.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



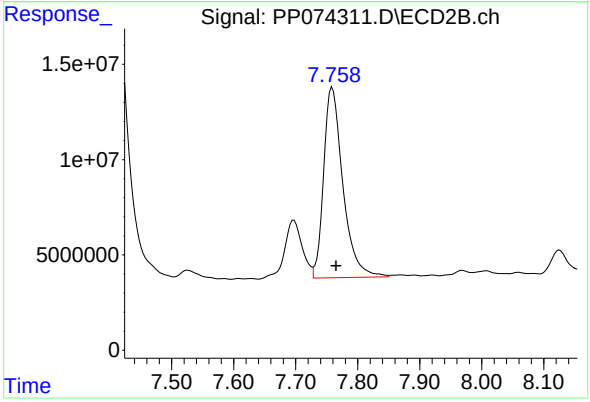
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: -0.005 min
Response: 60525419
Conc: 55.51 ng/ml



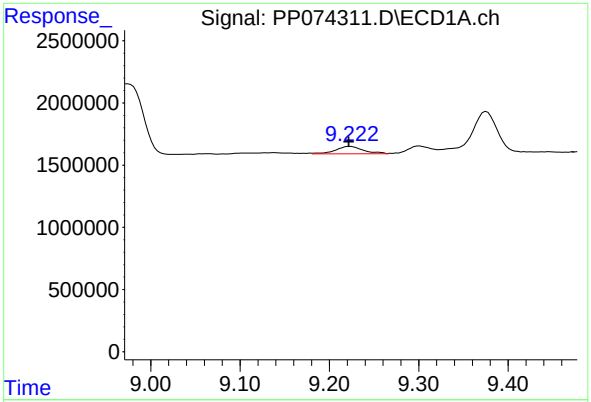
#42 AR-1268-2

R.T.: 8.974 min
Delta R.T.: -0.009 min
Response: 18734714
Conc: 130.62 ng/ml



#42 AR-1268-2

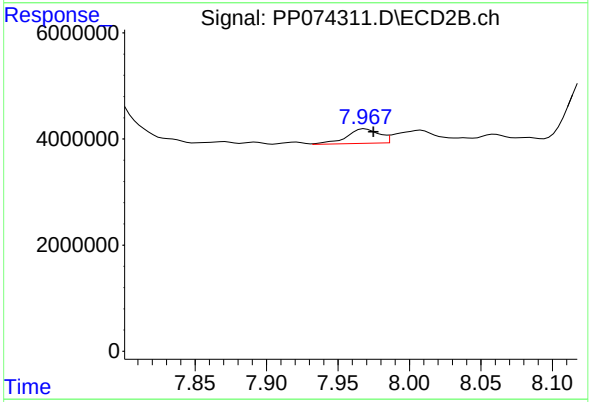
R.T.: 7.759 min
Delta R.T.: -0.006 min
Response: 215316810
Conc: 202.88 ng/ml



#43 AR-1268-3

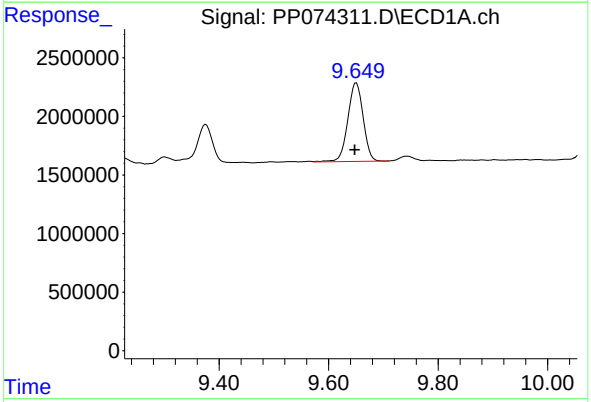
R.T.: 9.223 min
Delta R.T.: 0.002 min
Response: 1275907
Conc: 10.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



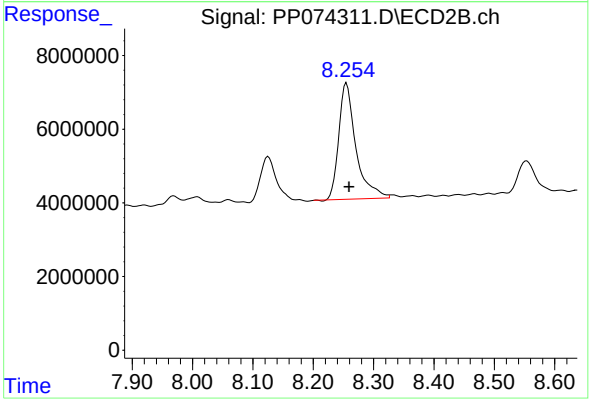
#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: -0.006 min
Response: 4368524
Conc: 5.25 ng/ml



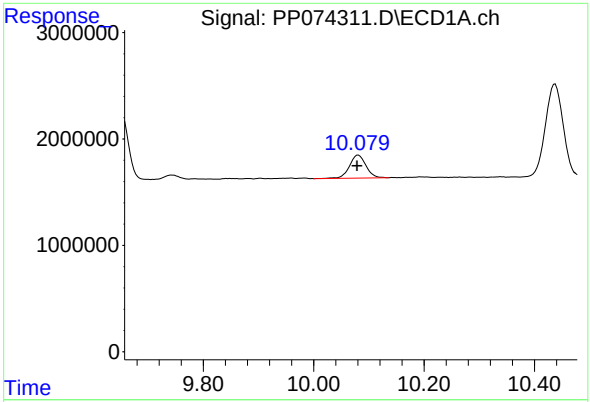
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.003 min
Response: 13091860
Conc: 222.60 ng/ml



#44 AR-1268-4

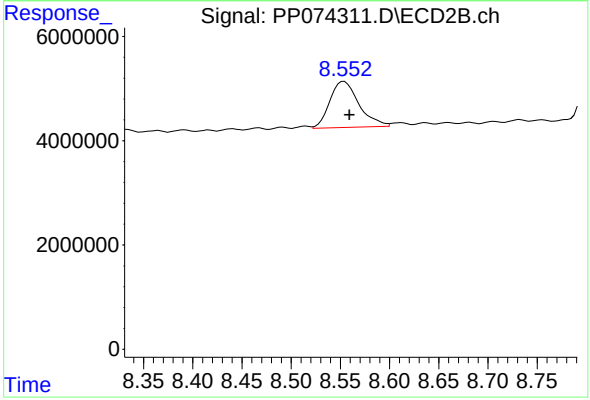
R.T.: 8.255 min
Delta R.T.: -0.004 min
Response: 62242150
Conc: 202.05 ng/ml



#45 AR-1268-5

R.T.: 10.081 min
Delta R.T.: 0.002 min
Response: 4477807
Conc: 12.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMS



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: -0.005 min
Response: 18194131
Conc: 7.13 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.659	3.803	28248603	84782674	25.260	22.111	
2)	SA Decachlor...	10.436	8.820	19391247	107.3E6	19.967	17.849	
	Target Compounds							
3)	L1 AR-1016-1	5.811	4.904	22025300	229.5E6	533.859	575.363	
4)	L1 AR-1016-2	5.832	4.961	31957321	109.0E6	526.118	580.403	
5)	L1 AR-1016-3	5.895	5.081	21162376	59483478	533.588	560.796	
6)	L1 AR-1016-4	5.992	5.122	21722805	62077143	667.481	568.368	
7)	L1 AR-1016-5	6.284	5.337	16835913	66799585	518.538	571.116	
8)	L2 AR-1221-1	4.855	4.015	2799503	7506274	166.999	152.923	
9)	L2 AR-1221-2	4.944	4.096	3234077	11463855	256.651	319.422	
10)	L2 AR-1221-3	5.020	4.177	12623046	44378559	344.560	328.184	
11)	L3 AR-1232-1	5.020	4.177	12623046	44378559	434.718	437.821	
12)	L3 AR-1232-2	5.546	4.904	16536497	229.5E6	1099.303	1316.979	
13)	L3 AR-1232-3	5.832	5.081	31957321	59483478	1101.912	1298.295	
14)	L3 AR-1232-4	5.992	5.165	21722805	110.3E6	1404.296	1900.645	#
15)	L3 AR-1232-5	6.082	5.337	21659891	66799585	1848.743	1421.889	
16)	L4 AR-1242-1	5.811	4.904	22025300	229.5E6	591.032	664.961	
17)	L4 AR-1242-2	5.832	4.961	31957321	109.0E6	587.354	667.196	
18)	L4 AR-1242-3	5.895	5.081	21162376	59483478	592.189	644.818	
19)	L4 AR-1242-4	5.992	5.165	21722805	110.3E6	743.457	923.265	
20)	L4 AR-1242-5	6.721	5.687	3619251	78352361	101.784	523.886	#
21)	L5 AR-1248-1	5.811	4.904	22025300	229.5E6	786.210	1072.795	#
22)	L5 AR-1248-2	6.082	5.122	21659891	62077143	537.986	424.278	
23)	L5 AR-1248-3	6.284	5.165	16835913	110.3E6	377.711	643.052	#
24)	L5 AR-1248-4	6.659	5.337	16084366	66799585	309.094	401.504	#
25)	L5 AR-1248-5	6.721	5.687f	3619251	78352361	63.559	269.284	#
26)	L6 AR-1254-1	6.659	5.687	16084366	78352361	305.548	213.971	#
27)	L6 AR-1254-2	6.874	5.833	14315175	64254931	180.055	230.953	#
28)	L6 AR-1254-3	7.236	6.251	7875880	128.3E6	90.200	262.171	#
29)	L6 AR-1254-4	7.519	6.461	5330889	8960018	83.544	24.377	#
30)	L6 AR-1254-5	7.933	6.879	45905141	181.8E6	565.719	472.046	
31)	L7 AR-1260-1	7.402	6.552	28910383	216.7E6	512.995	536.408	
32)	L7 AR-1260-2	7.654	6.707	33152517	164.0E6	486.447	524.348	
33)	L7 AR-1260-3	8.012	6.916	22216794	183.6E6	416.857	465.809	
34)	L7 AR-1260-4	8.240	7.176	33304829	137.0E6	531.899	470.828	
35)	L7 AR-1260-5	8.565	7.415	47018435	347.3E6	414.973	458.490	
36)	L8 AR-1262-1	8.240	6.916	33304829	183.6E6	439.437	325.999	#
37)	L8 AR-1262-2	8.565	7.176	47018435	137.0E6	360.488	341.629	
38)	L8 AR-1262-3	8.898	7.699	32396274	62513496	344.382	173.905	#
39)	L8 AR-1262-4	8.965	7.761	19192646	222.6E6	263.448	333.746	#
40)	L8 AR-1262-5	9.650	8.257	13192444	65413925	259.068	230.926	
41)	L9 AR-1268-1	8.898	7.699	32396274	62513496	208.158	57.338	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.965	7.761	19192646	222.6E6	133.816	209.721 #
43)	L9 AR-1268-3	9.223	7.970	1061987	4622455	8.889	5.556 #
44)	L9 AR-1268-4	9.650	8.257	13192444	65413925	224.313	212.342
45)	L9 AR-1268-5	10.081	8.555	4521037	19485839	12.855	7.641 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

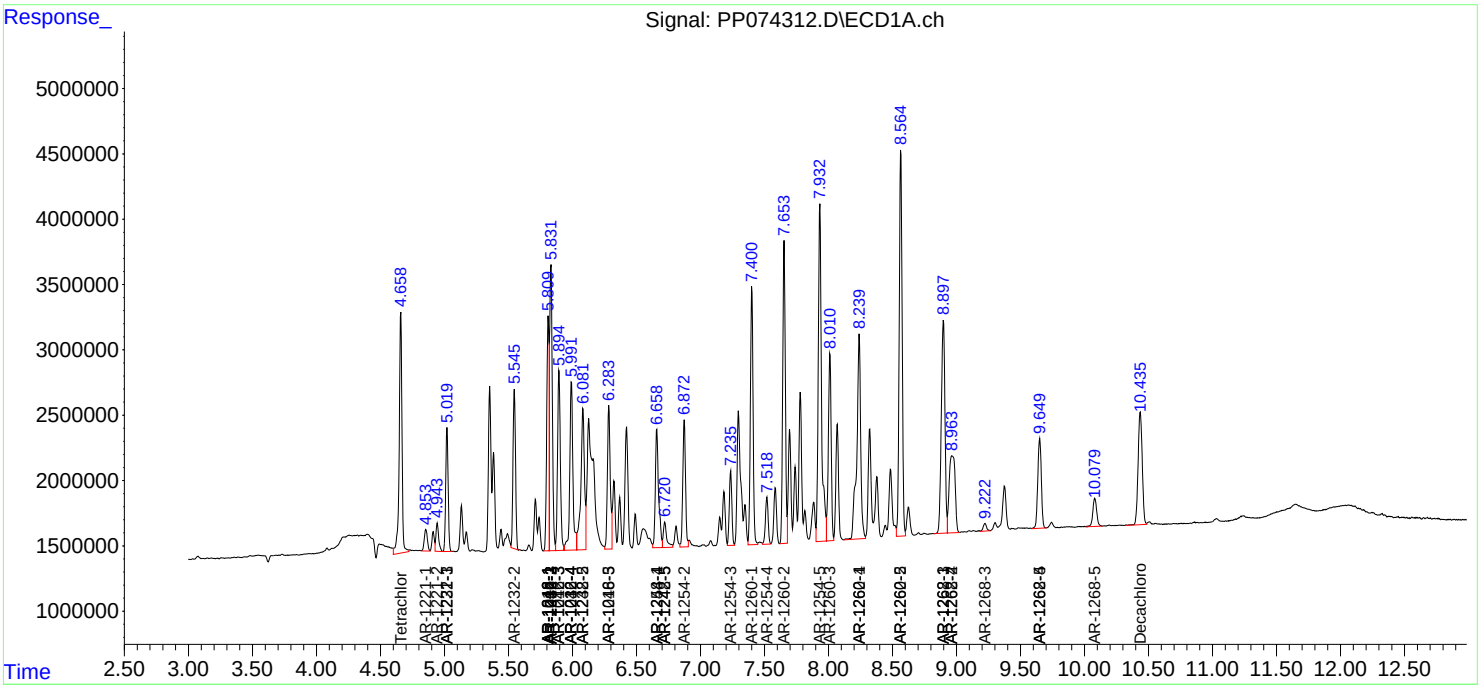
Quantitation Report (Not Reviewed)

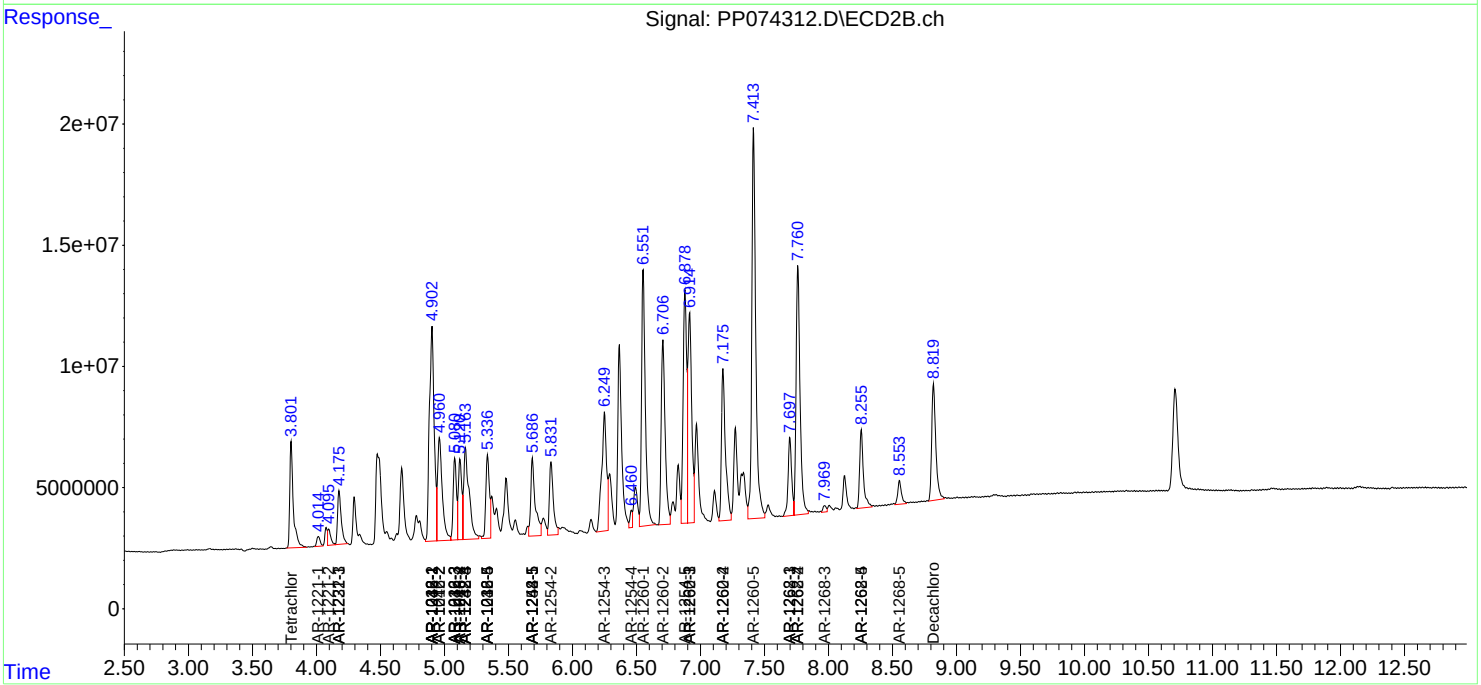
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 13:53
Operator : YP\AJ
Sample : Q2830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

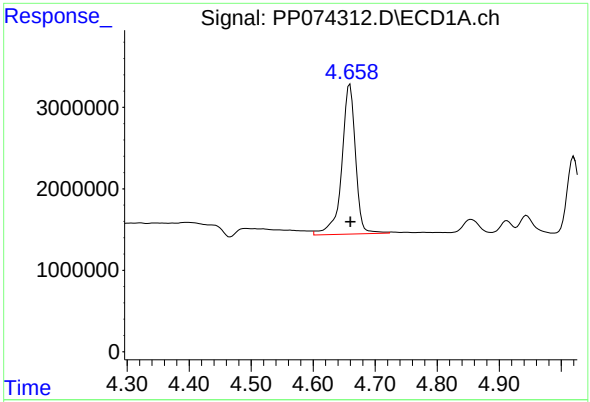
Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 14:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



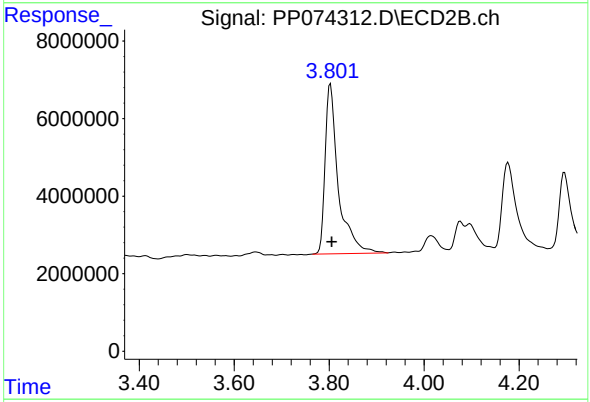




#1 Tetrachloro-m-xylene

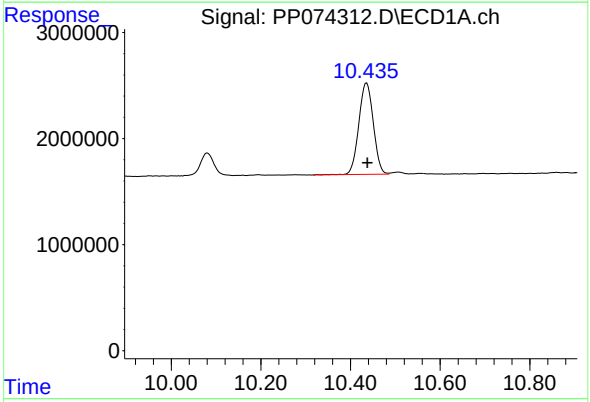
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 28248603
Conc: 25.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



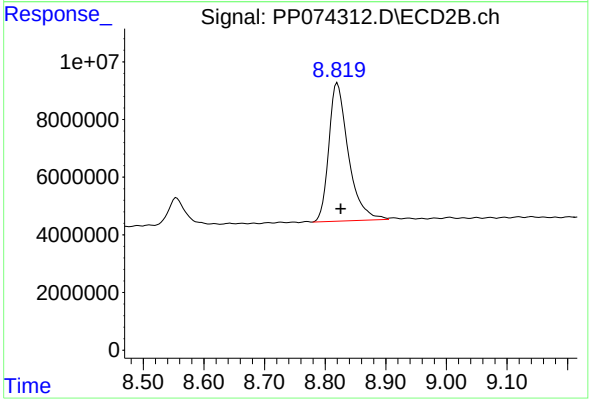
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 84782674
Conc: 22.11 ng/ml



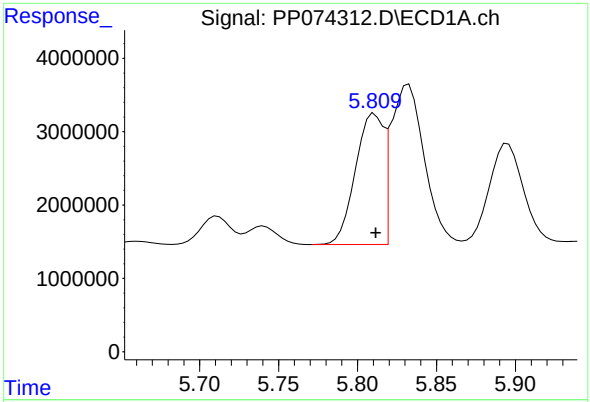
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: -0.002 min
Response: 19391247
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

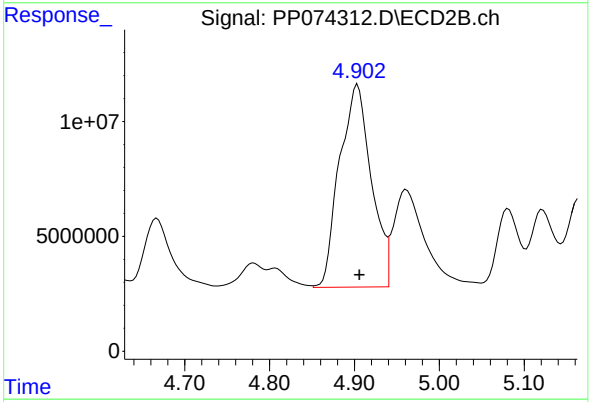
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 107334950
Conc: 17.85 ng/ml



#3 AR-1016-1

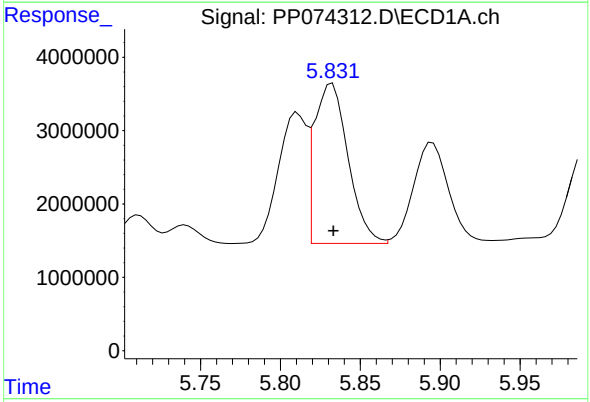
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22025300
Conc: 533.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



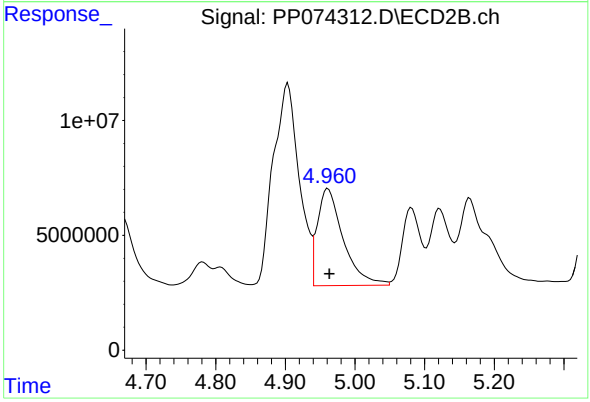
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 229504954
Conc: 575.36 ng/ml



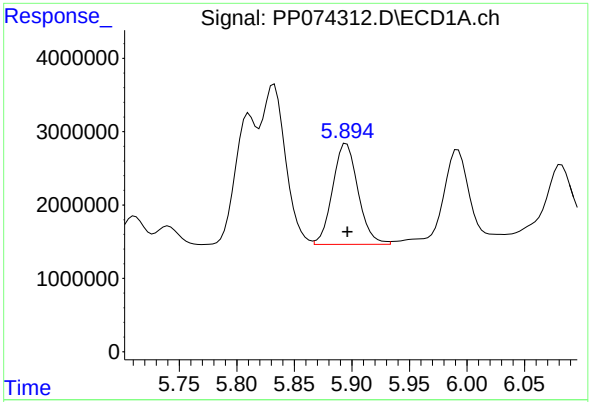
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 31957321
Conc: 526.12 ng/ml



#4 AR-1016-2

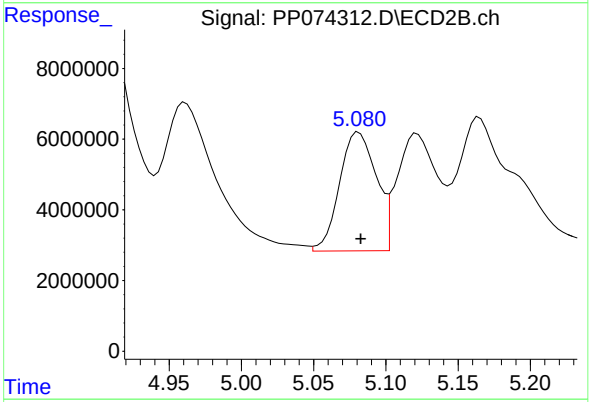
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 109004993
Conc: 580.40 ng/ml



#5 AR-1016-3

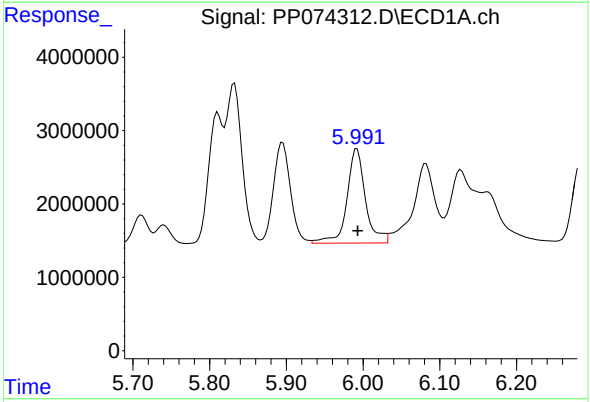
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 21162376
Conc: 533.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



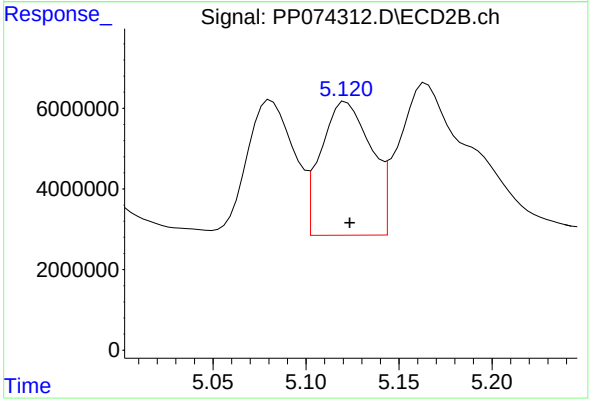
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.001 min
Response: 59483478
Conc: 560.80 ng/ml



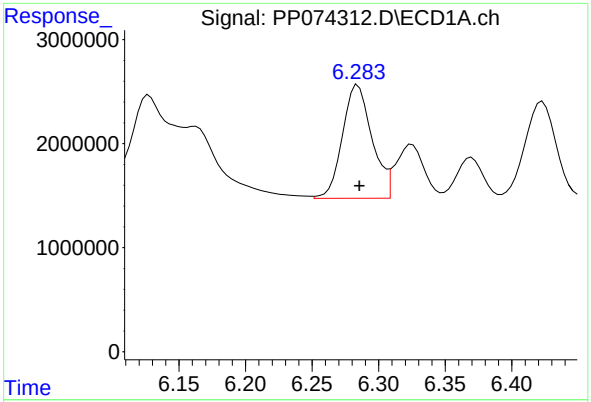
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 21722805
Conc: 667.48 ng/ml



#6 AR-1016-4

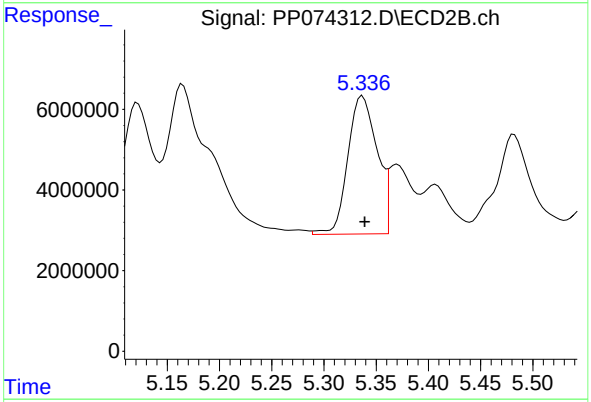
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 62077143
Conc: 568.37 ng/ml



#7 AR-1016-5

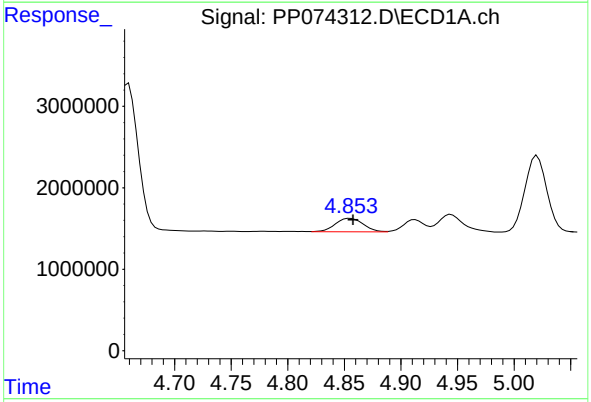
R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 16835913
Conc: 518.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



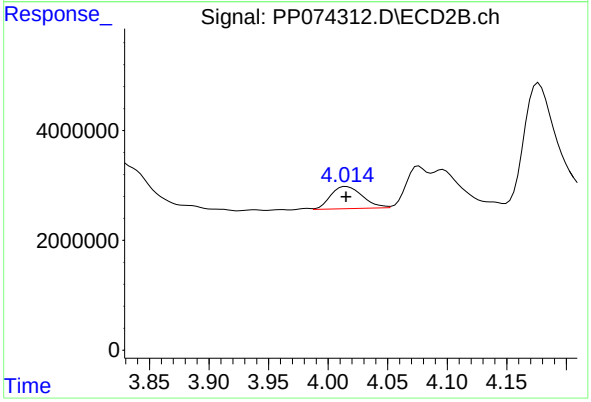
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 66799585
Conc: 571.12 ng/ml



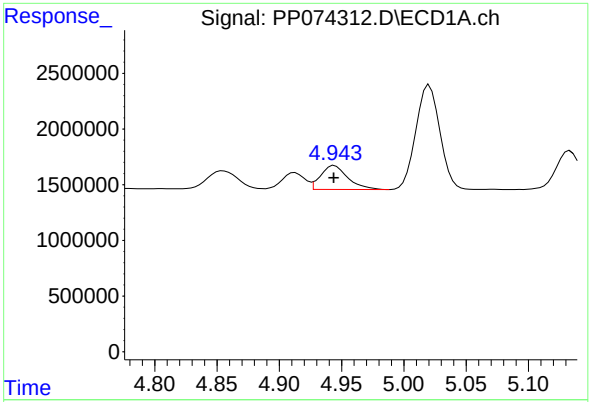
#8 AR-1221-1

R.T.: 4.855 min
Delta R.T.: -0.003 min
Response: 2799503
Conc: 167.00 ng/ml



#8 AR-1221-1

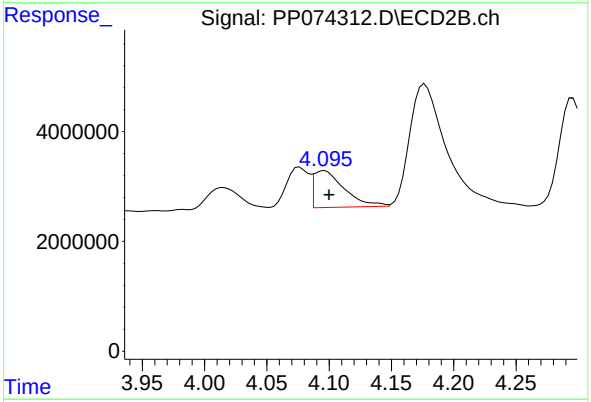
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 7506274
Conc: 152.92 ng/ml



#9 AR-1221-2

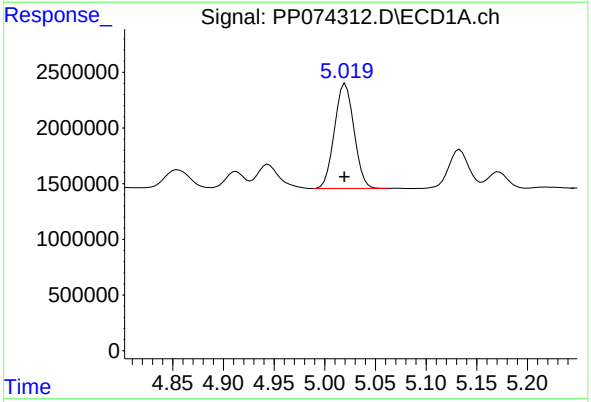
R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 3234077
Conc: 256.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



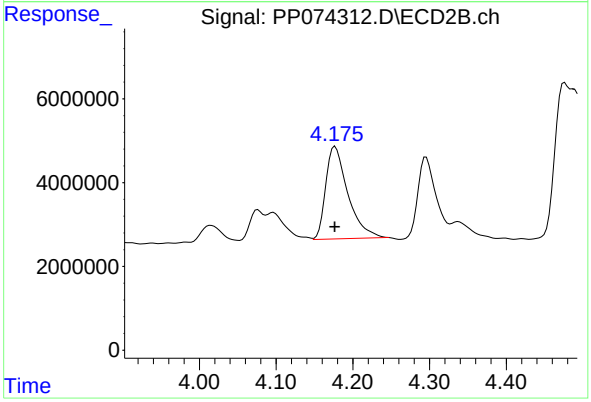
#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 11463855
Conc: 319.42 ng/ml



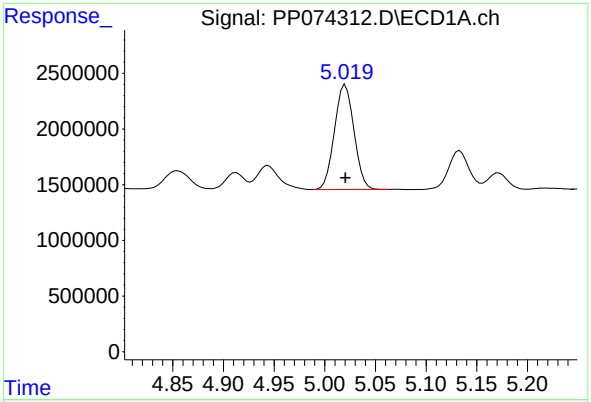
#10 AR-1221-3

R.T.: 5.020 min
Delta R.T.: 0.001 min
Response: 12623046
Conc: 344.56 ng/ml



#10 AR-1221-3

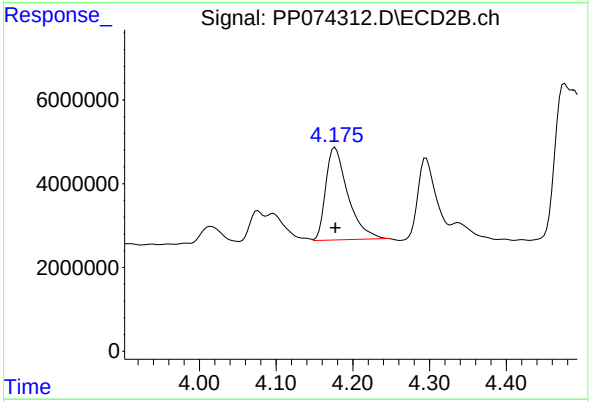
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 44378559
Conc: 328.18 ng/ml



#11 AR-1232-1

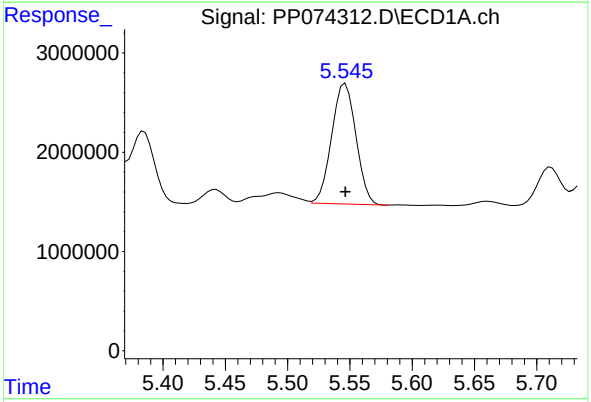
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 12623046
Conc: 434.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



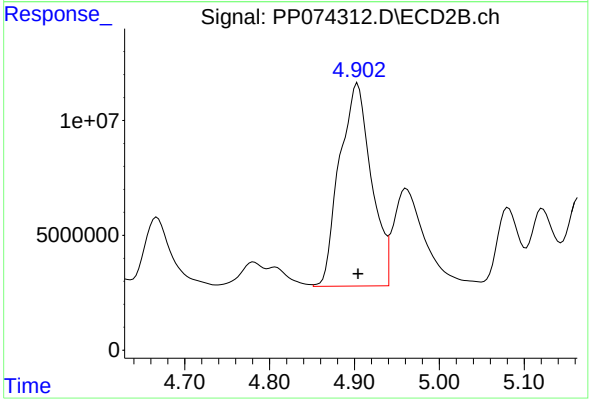
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 44378559
Conc: 437.82 ng/ml



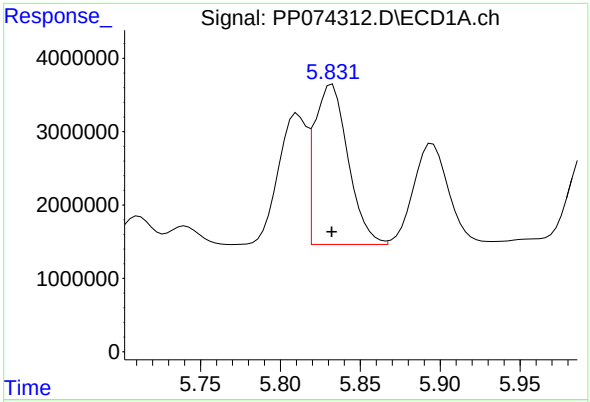
#12 AR-1232-2

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 16536497
Conc: 1099.30 ng/ml



#12 AR-1232-2

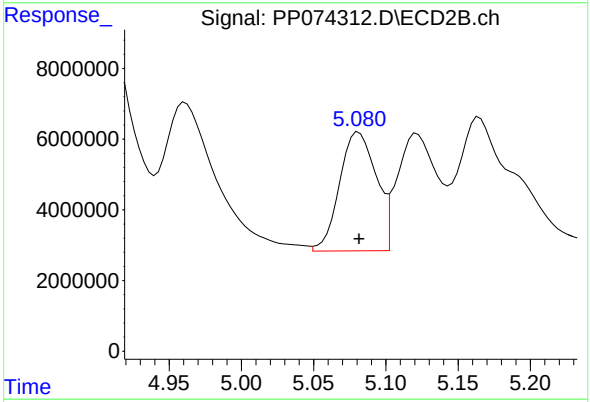
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 229504954
Conc: 1316.98 ng/ml



#13 AR-1232-3

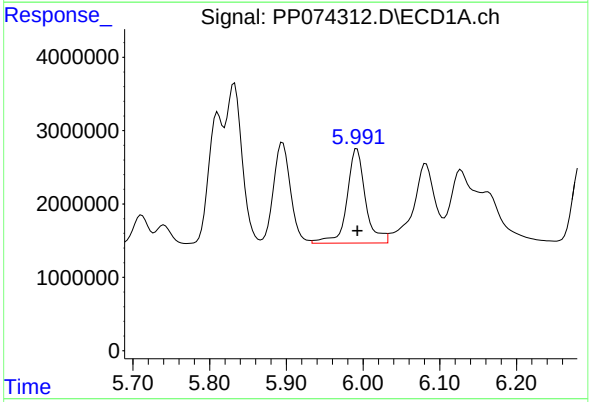
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 31957321
Conc: 1101.91 ng/m

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



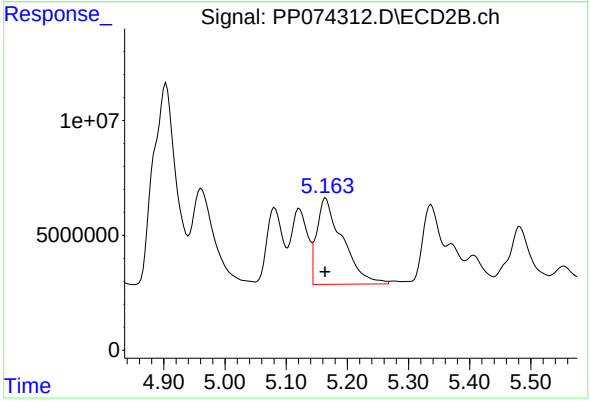
#13 AR-1232-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 59483478
Conc: 1298.29 ng/ml



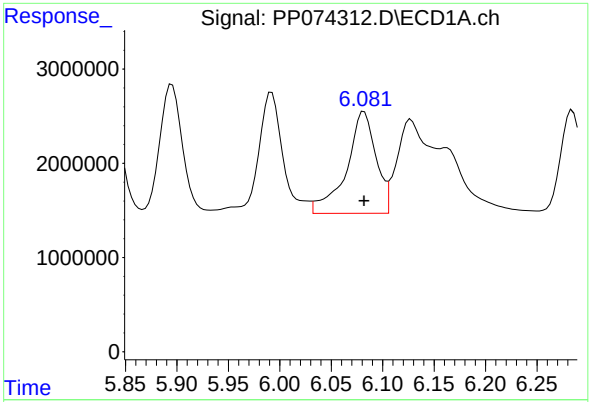
#14 AR-1232-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 21722805
Conc: 1404.30 ng/ml



#14 AR-1232-4

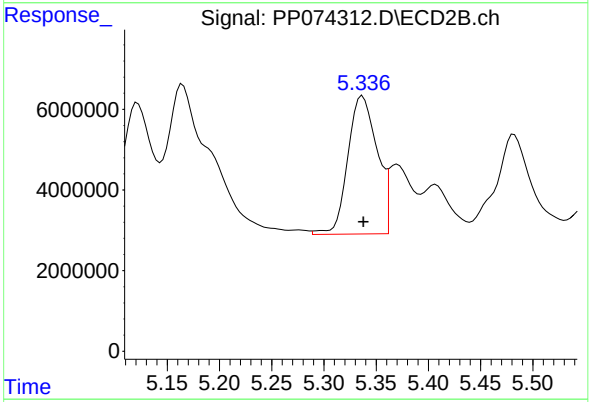
R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 110257786
Conc: 1900.65 ng/ml



#15 AR-1232-5

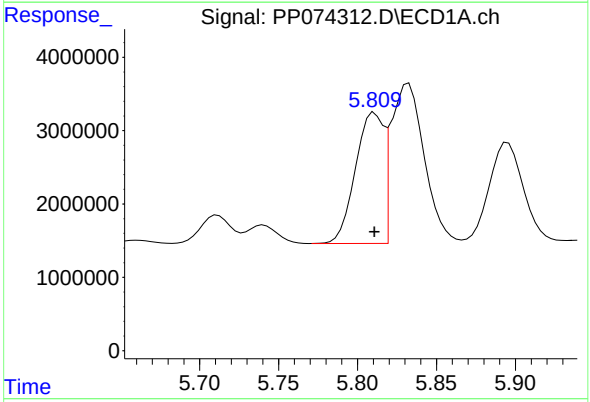
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 21659891
Conc: 1848.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



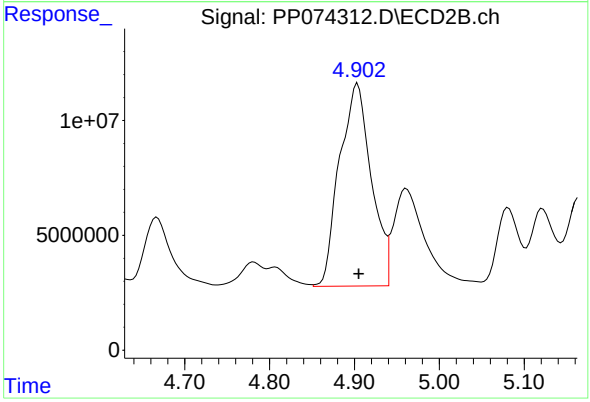
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 66799585
Conc: 1421.89 ng/ml



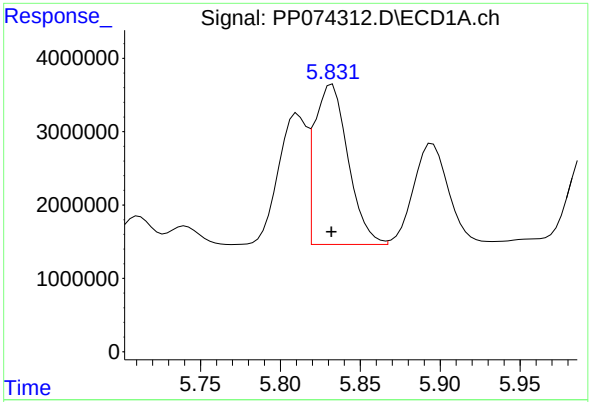
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22025300
Conc: 591.03 ng/ml



#16 AR-1242-1

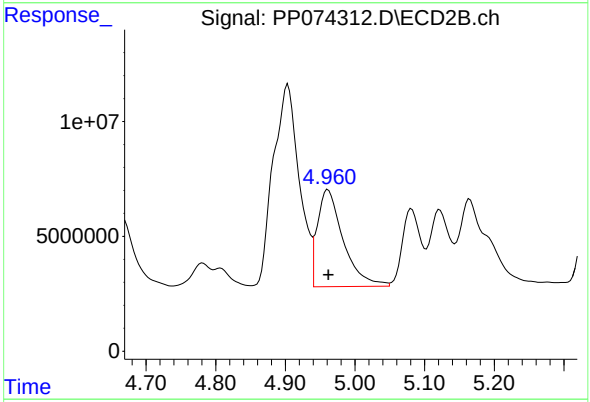
R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 229504954
Conc: 664.96 ng/ml



#17 AR-1242-2

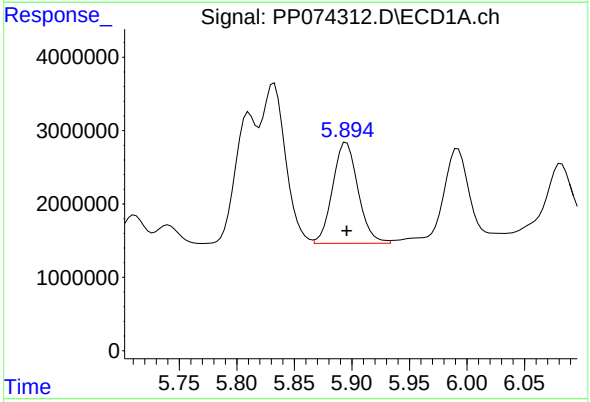
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 31957321
Conc: 587.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



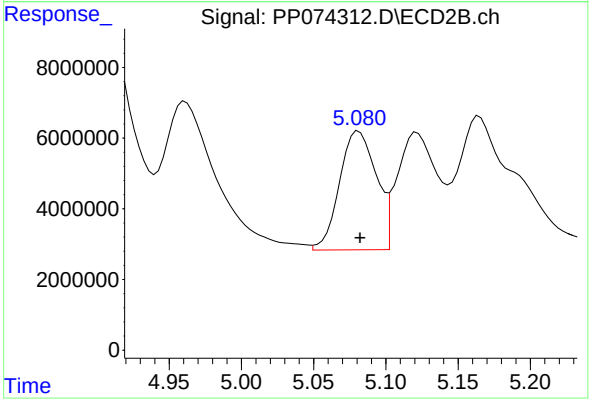
#17 AR-1242-2

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 109004993
Conc: 667.20 ng/ml



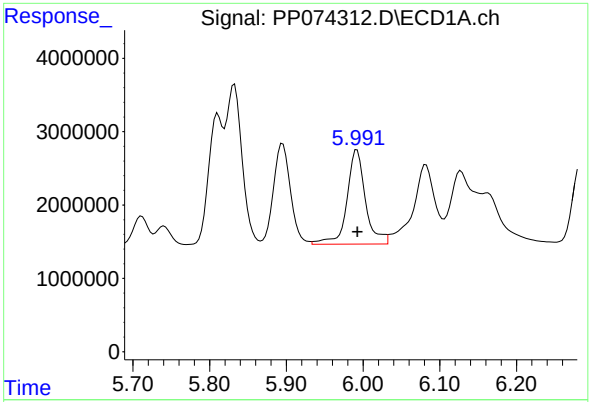
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 21162376
Conc: 592.19 ng/ml



#18 AR-1242-3

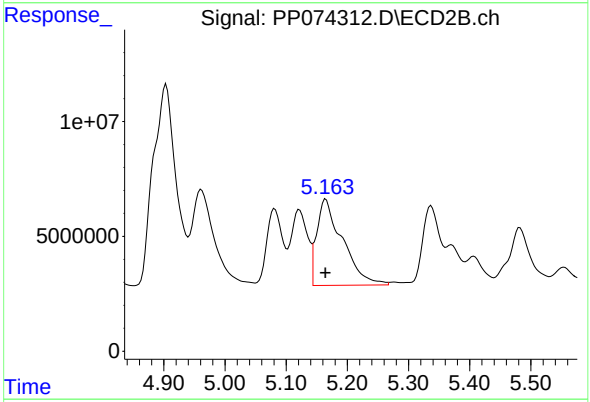
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 59483478
Conc: 644.82 ng/ml



#19 AR-1242-4

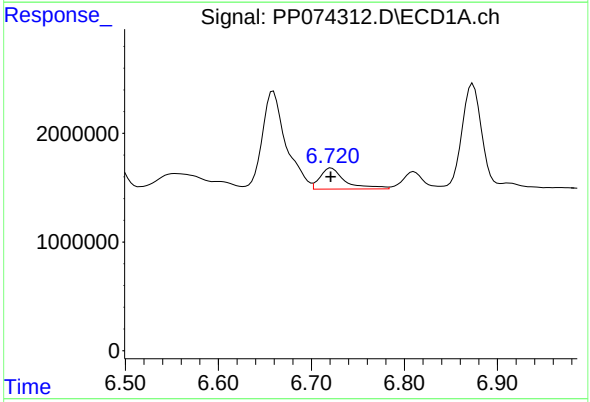
R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 21722805
Conc: 743.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



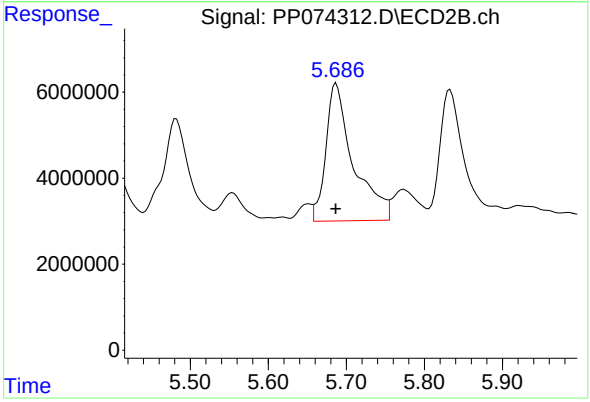
#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 110257786
Conc: 923.26 ng/ml



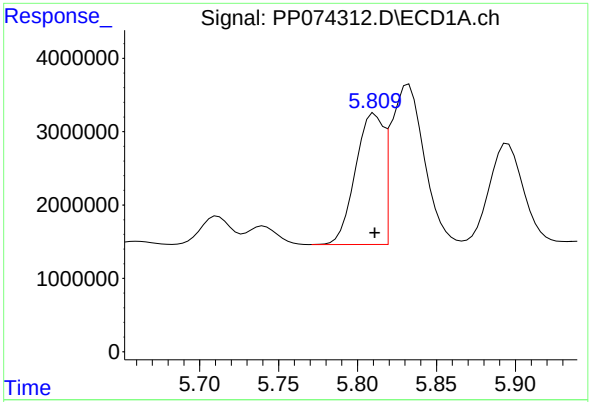
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 3619251
Conc: 101.78 ng/ml



#20 AR-1242-5

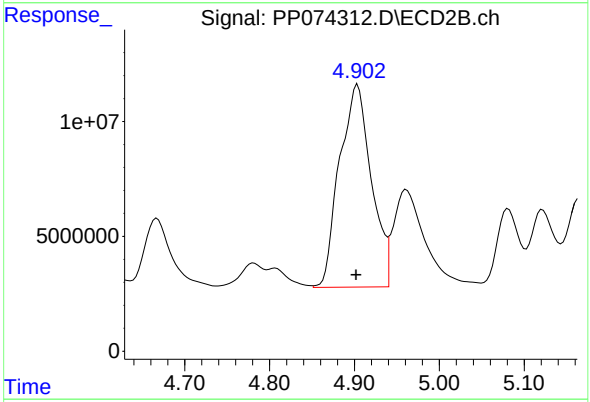
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 78352361
Conc: 523.89 ng/ml



#21 AR-1248-1

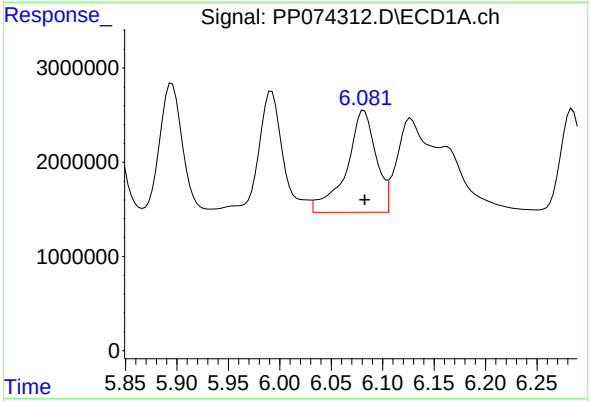
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22025300
Conc: 786.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



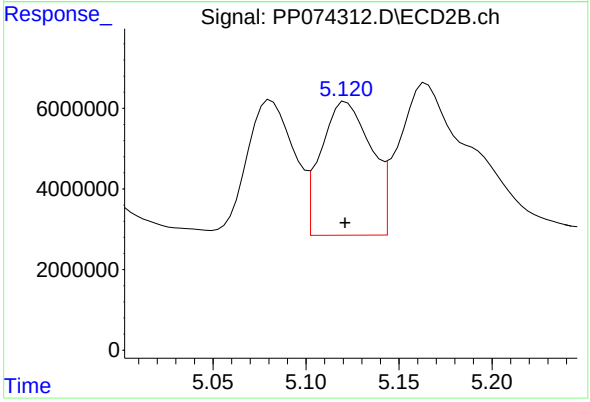
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 229504954
Conc: 1072.80 ng/ml



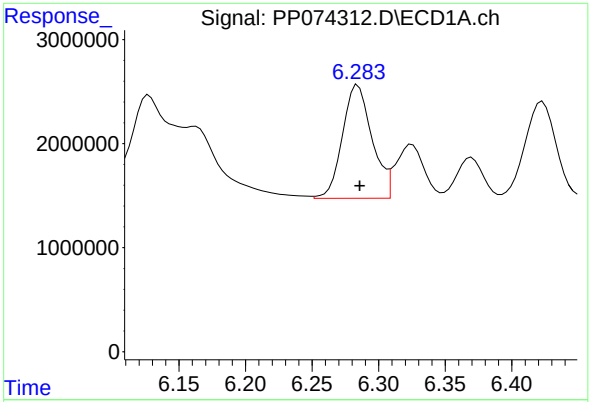
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 21659891
Conc: 537.99 ng/ml



#22 AR-1248-2

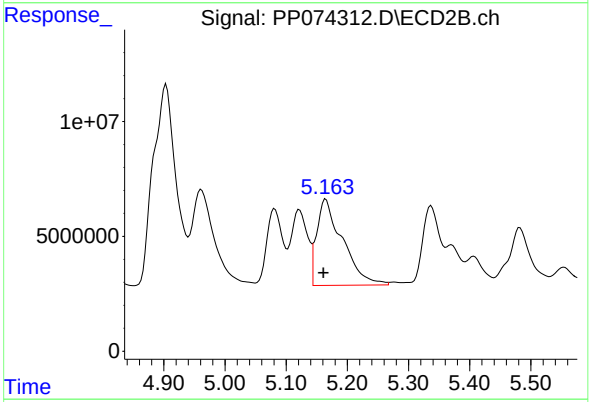
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 62077143
Conc: 424.28 ng/ml



#23 AR-1248-3

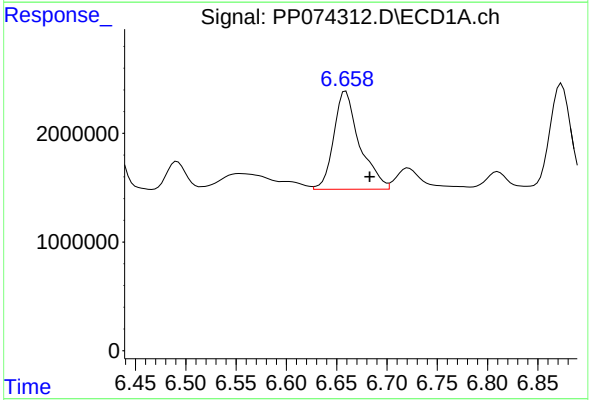
R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 16835913
Conc: 377.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



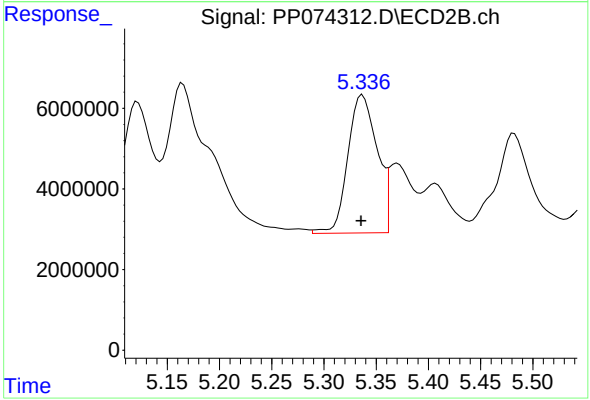
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 110257786
Conc: 643.05 ng/ml



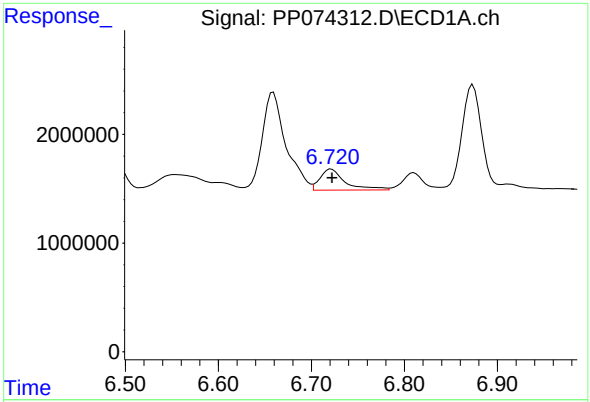
#24 AR-1248-4

R.T.: 6.659 min
Delta R.T.: -0.024 min
Response: 16084366
Conc: 309.09 ng/ml



#24 AR-1248-4

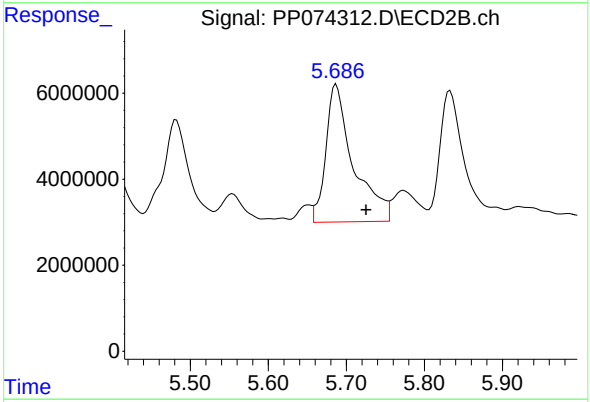
R.T.: 5.337 min
Delta R.T.: 0.002 min
Response: 66799585
Conc: 401.50 ng/ml



#25 AR-1248-5

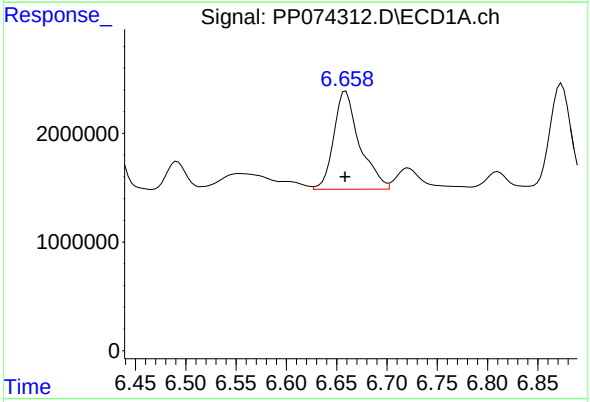
R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 3619251
Conc: 63.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



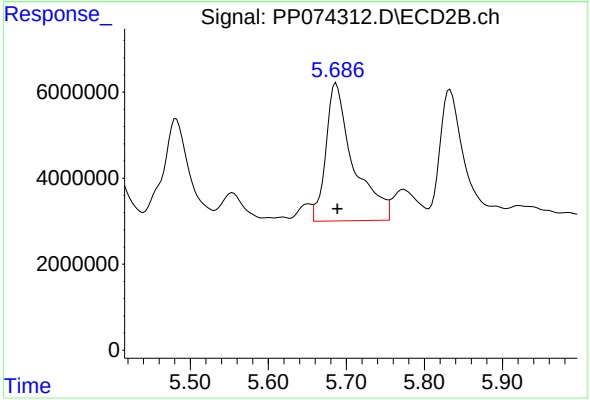
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: -0.038 min
Response: 78352361
Conc: 269.28 ng/ml



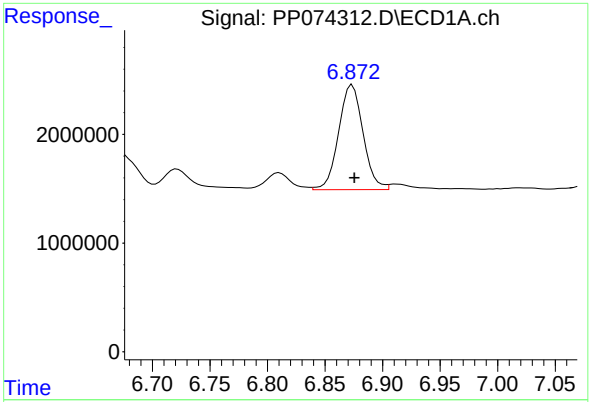
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 16084366
Conc: 305.55 ng/ml



#26 AR-1254-1

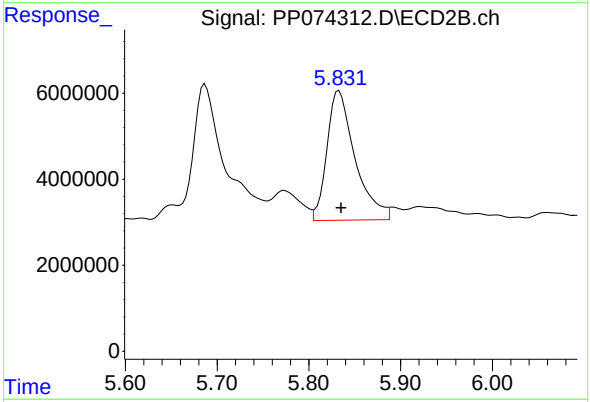
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 78352361
Conc: 213.97 ng/ml



#27 AR-1254-2

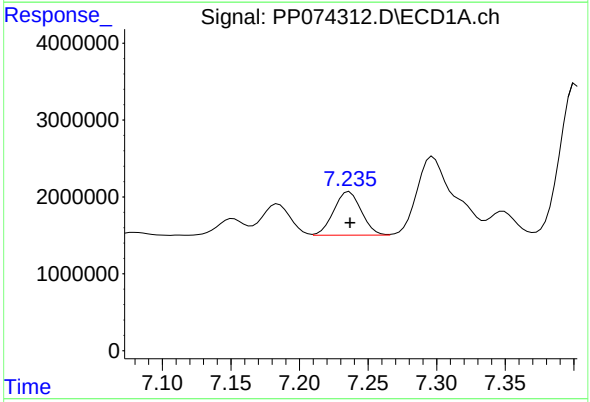
R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 14315175
Conc: 180.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



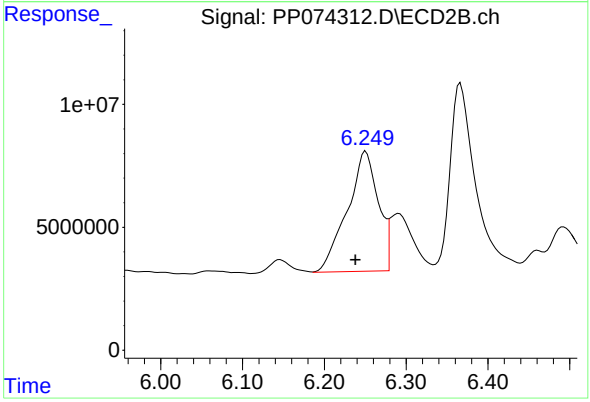
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 64254931
Conc: 230.95 ng/ml



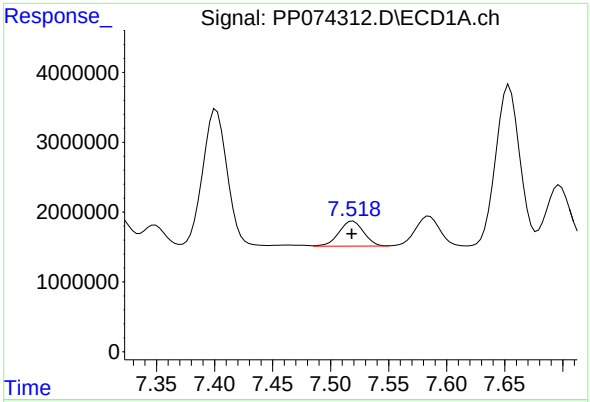
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 7875880
Conc: 90.20 ng/ml



#28 AR-1254-3

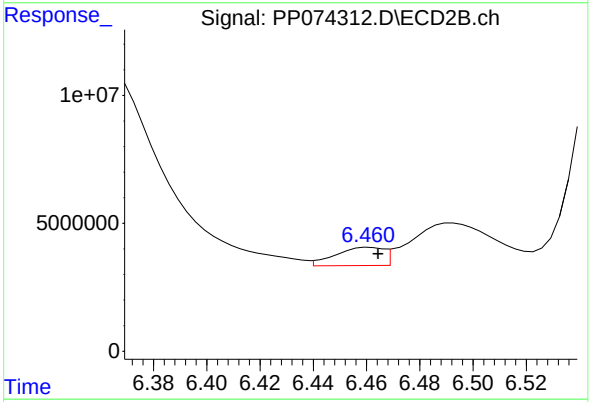
R.T.: 6.251 min
Delta R.T.: 0.013 min
Response: 128256966
Conc: 262.17 ng/ml



#29 AR-1254-4

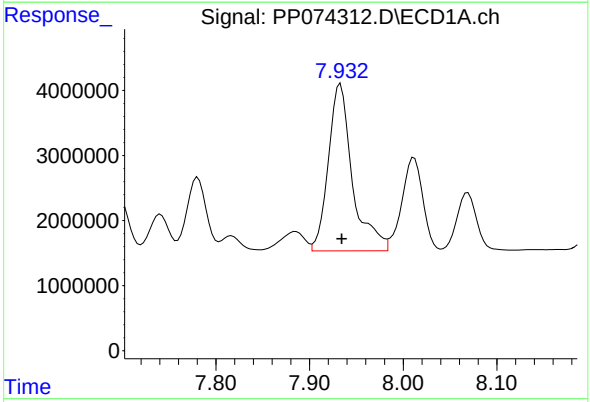
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 5330889
Conc: 83.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



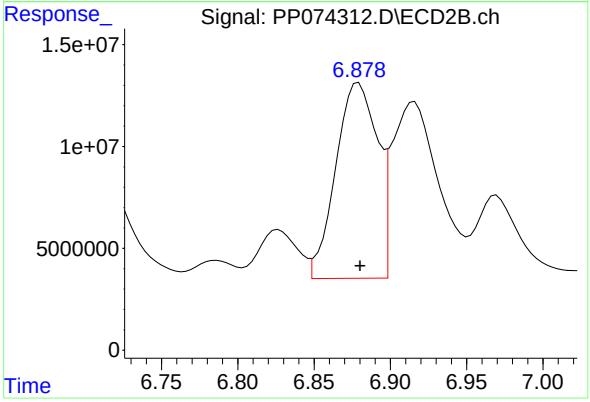
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 8960018
Conc: 24.38 ng/ml



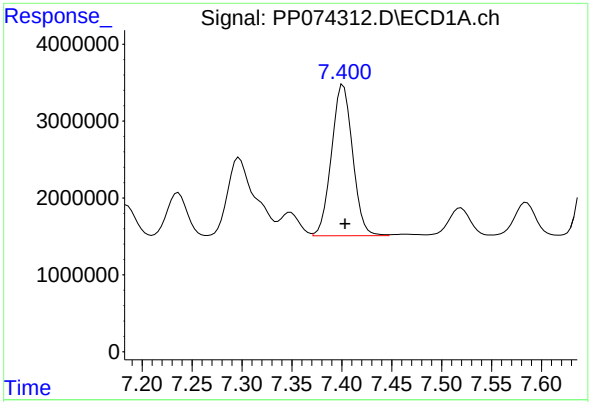
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: -0.001 min
Response: 45905141
Conc: 565.72 ng/ml



#30 AR-1254-5

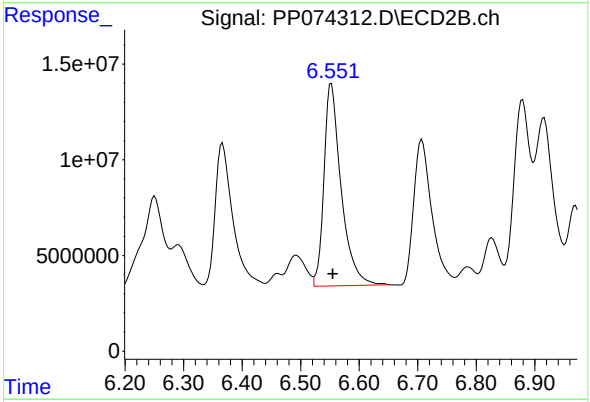
R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 181816593
Conc: 472.05 ng/ml



#31 AR-1260-1

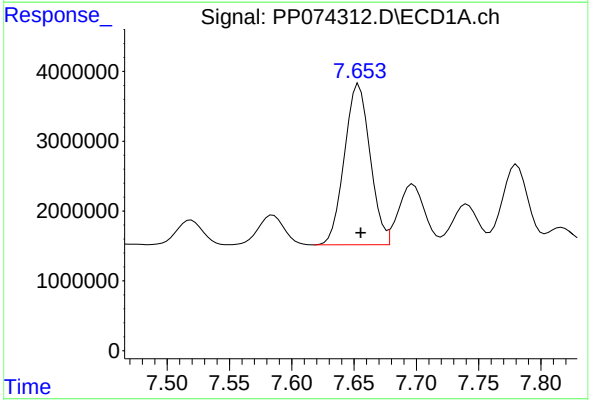
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 28910383
Conc: 513.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



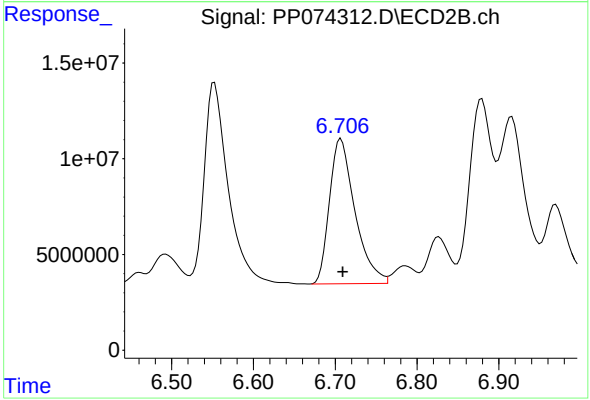
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 216685736
Conc: 536.41 ng/ml



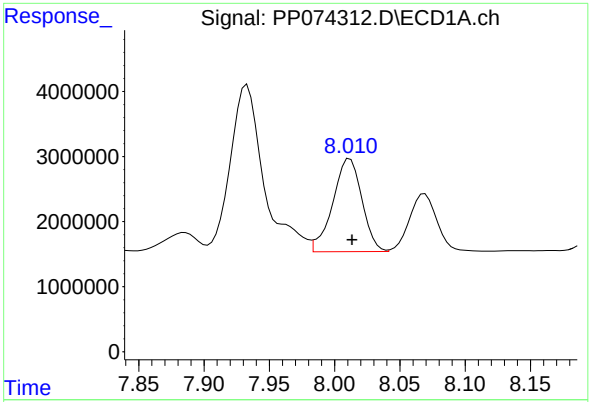
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: -0.002 min
Response: 33152517
Conc: 486.45 ng/ml



#32 AR-1260-2

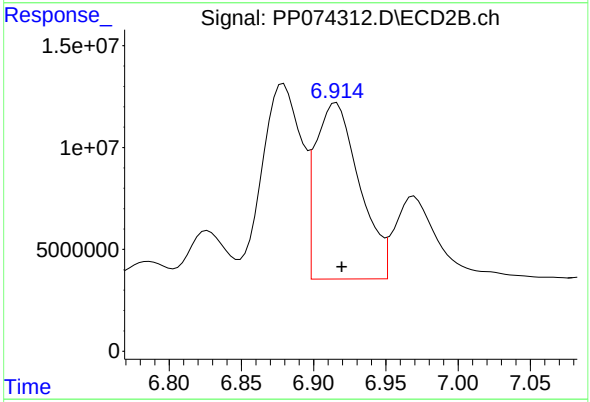
R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 163962965
Conc: 524.35 ng/ml



#33 AR-1260-3

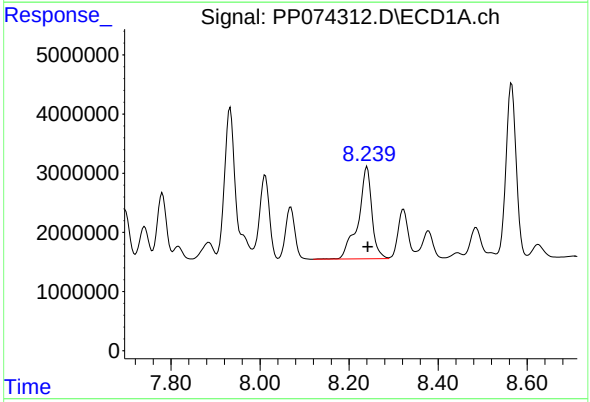
R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 22216794
Conc: 416.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



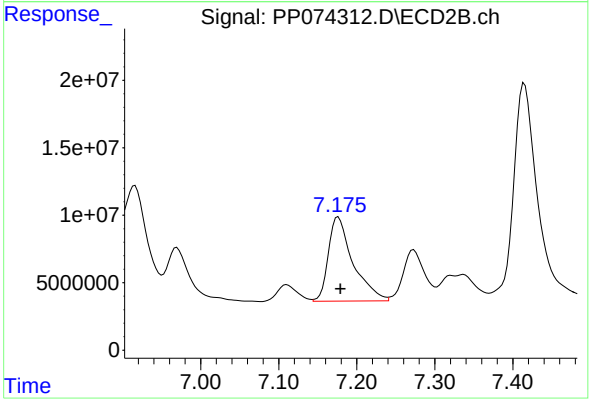
#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 183583696
Conc: 465.81 ng/ml



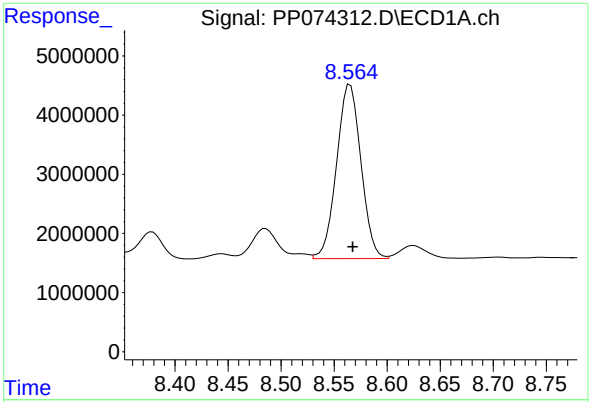
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.001 min
Response: 33304829
Conc: 531.90 ng/ml



#34 AR-1260-4

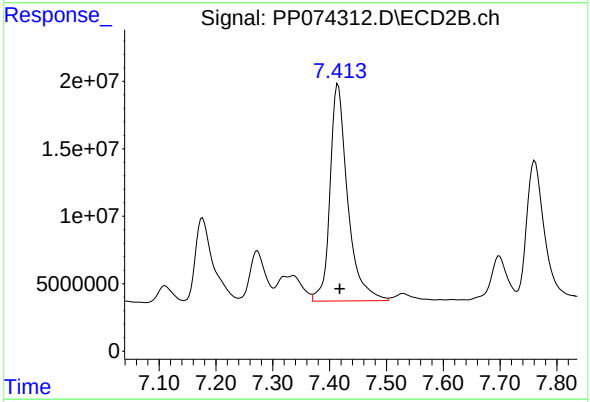
R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 137001180
Conc: 470.83 ng/ml



#35 AR-1260-5

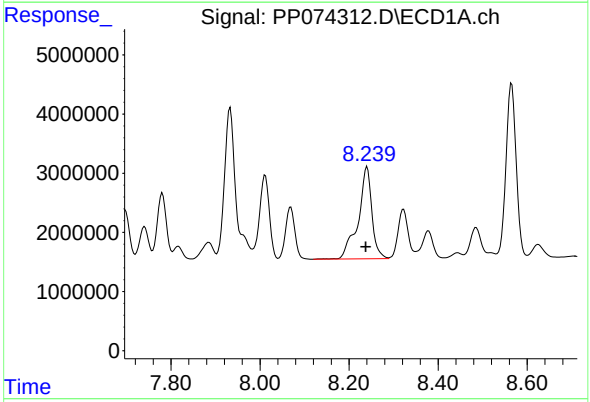
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 47018435
Conc: 414.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



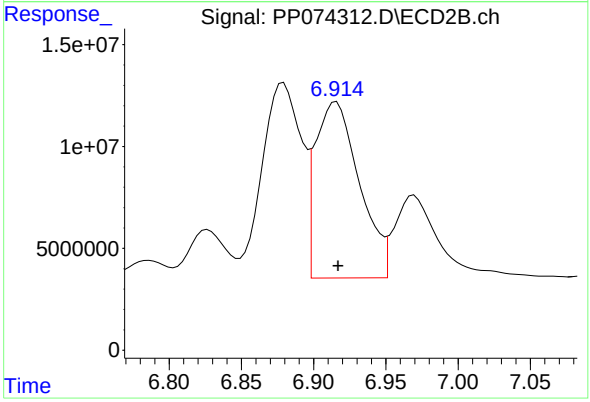
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 347264975
Conc: 458.49 ng/ml



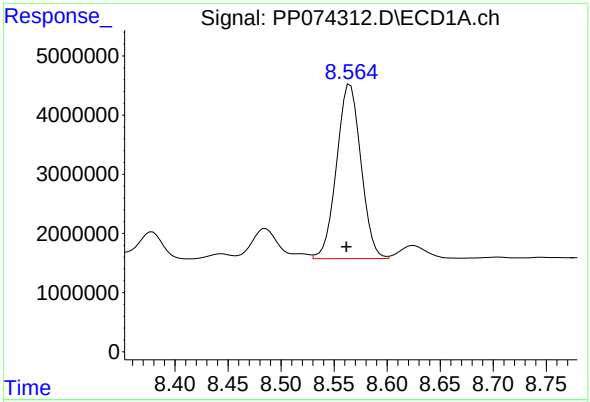
#36 AR-1262-1

R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 33304829
Conc: 439.44 ng/ml



#36 AR-1262-1

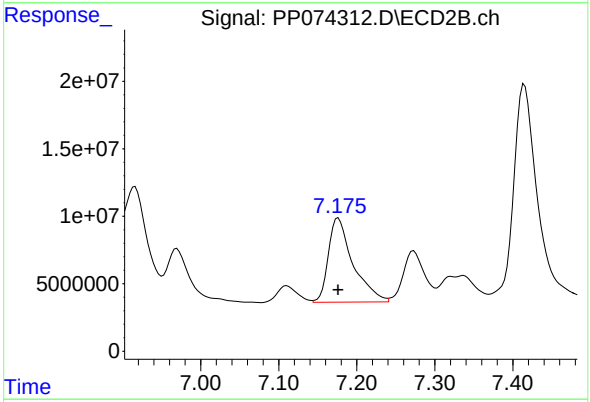
R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 183583696
Conc: 326.00 ng/ml



#37 AR-1262-2

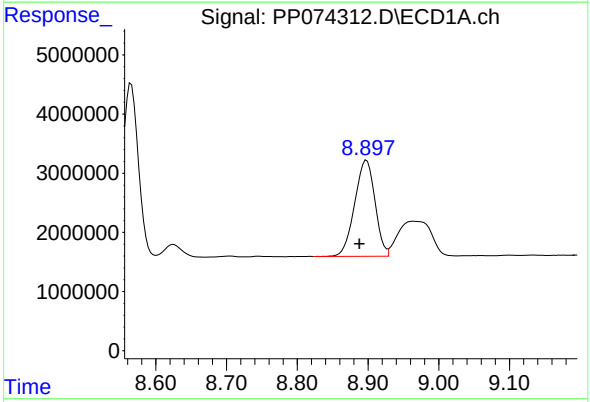
R.T.: 8.565 min
Delta R.T.: 0.003 min
Response: 47018435
Conc: 360.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



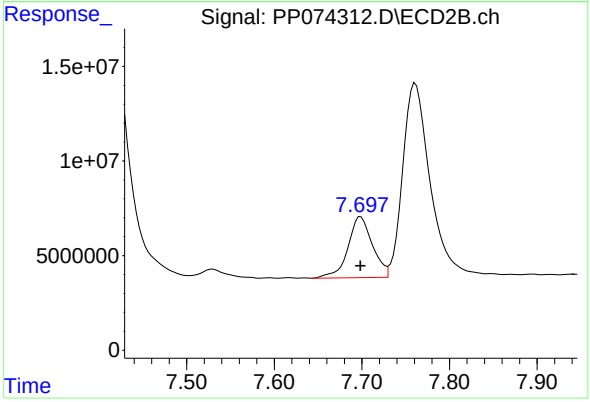
#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 137001180
Conc: 341.63 ng/ml



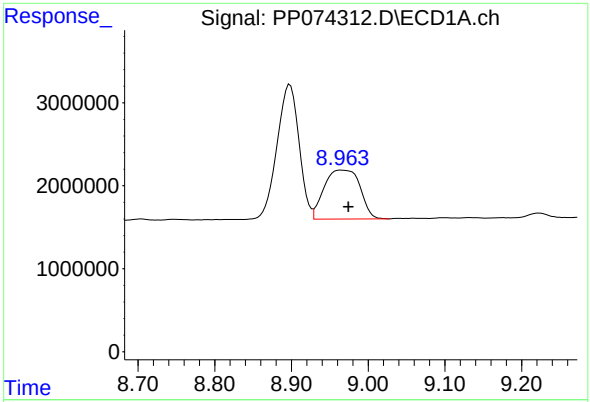
#38 AR-1262-3

R.T.: 8.898 min
Delta R.T.: 0.010 min
Response: 32396274
Conc: 344.38 ng/ml



#38 AR-1262-3

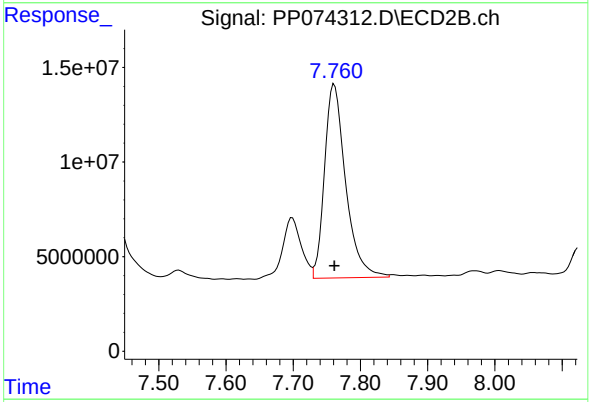
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 62513496
Conc: 173.90 ng/ml



#39 AR-1262-4

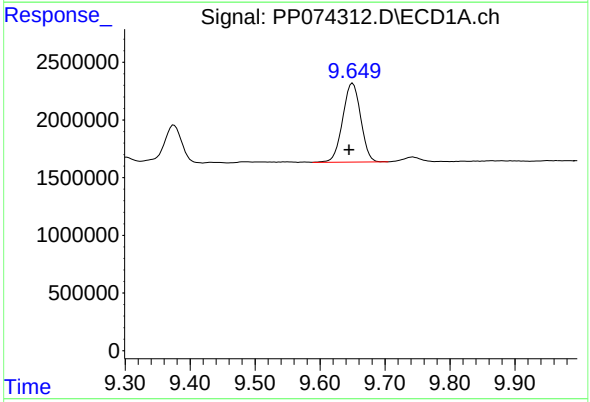
R.T.: 8.965 min
Delta R.T.: -0.009 min
Response: 19192646
Conc: 263.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



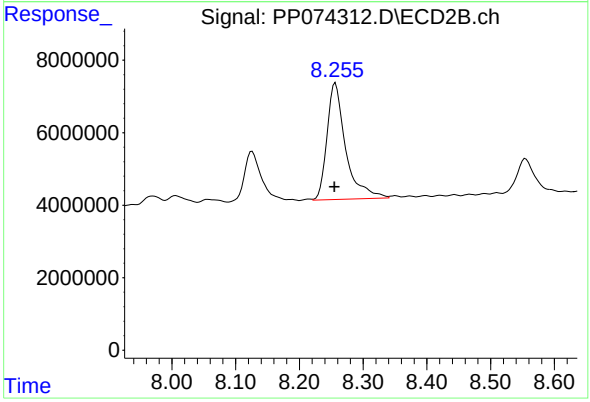
#39 AR-1262-4

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 222582802
Conc: 333.75 ng/ml



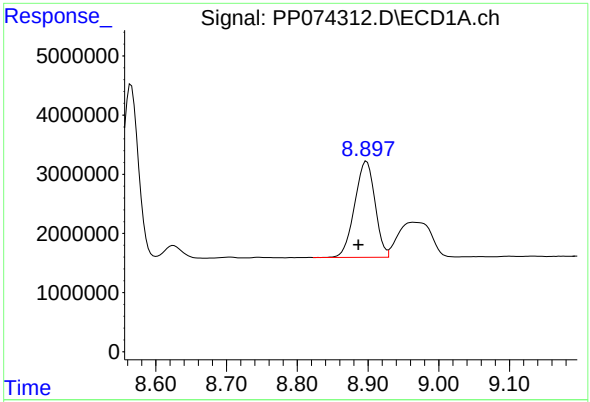
#40 AR-1262-5

R.T.: 9.650 min
Delta R.T.: 0.006 min
Response: 13192444
Conc: 259.07 ng/ml



#40 AR-1262-5

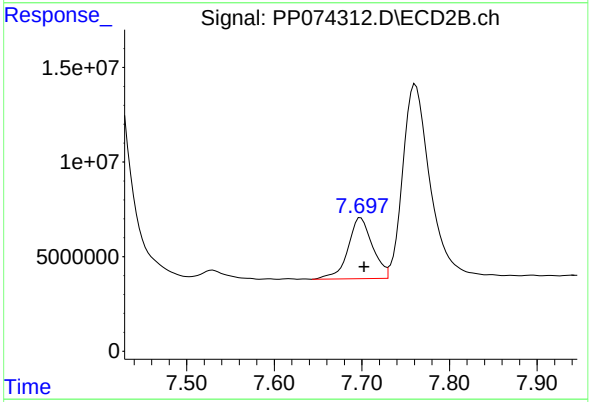
R.T.: 8.257 min
Delta R.T.: 0.002 min
Response: 65413925
Conc: 230.93 ng/ml



#41 AR-1268-1

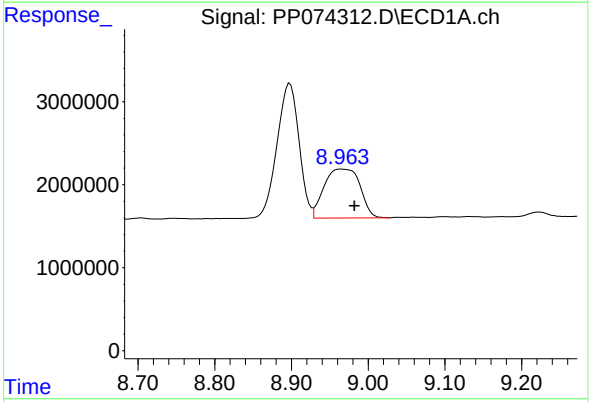
R.T.: 8.898 min
Delta R.T.: 0.012 min
Response: 32396274
Conc: 208.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



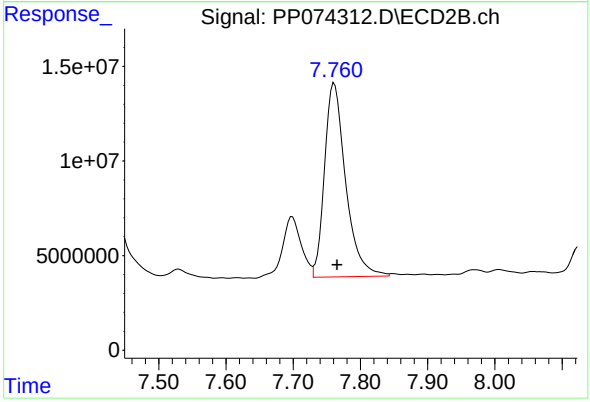
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 62513496
Conc: 57.34 ng/ml



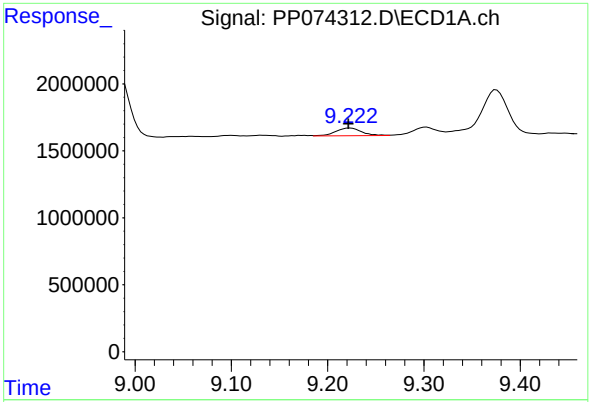
#42 AR-1268-2

R.T.: 8.965 min
Delta R.T.: -0.017 min
Response: 19192646
Conc: 133.82 ng/ml



#42 AR-1268-2

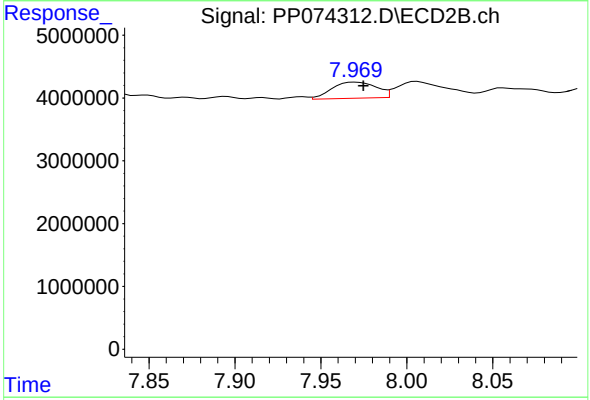
R.T.: 7.761 min
Delta R.T.: -0.004 min
Response: 222582802
Conc: 209.72 ng/ml



#43 AR-1268-3

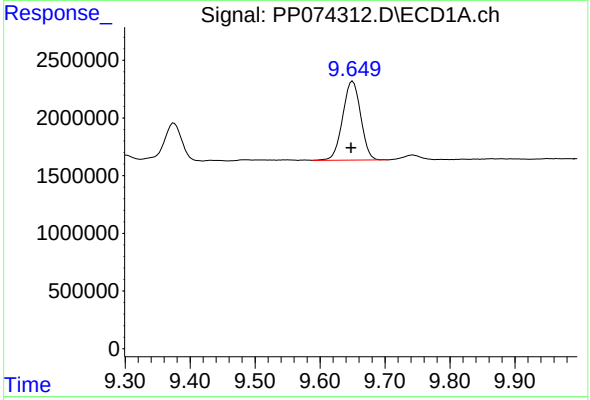
R.T.: 9.223 min
Delta R.T.: 0.001 min
Response: 1061987
Conc: 8.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



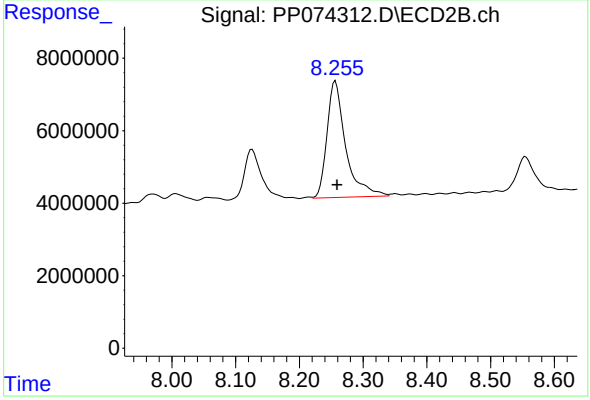
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: -0.005 min
Response: 4622455
Conc: 5.56 ng/ml



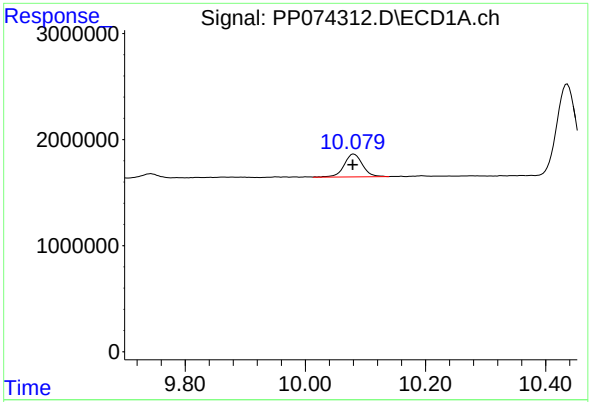
#44 AR-1268-4

R.T.: 9.650 min
Delta R.T.: 0.002 min
Response: 13192444
Conc: 224.31 ng/ml



#44 AR-1268-4

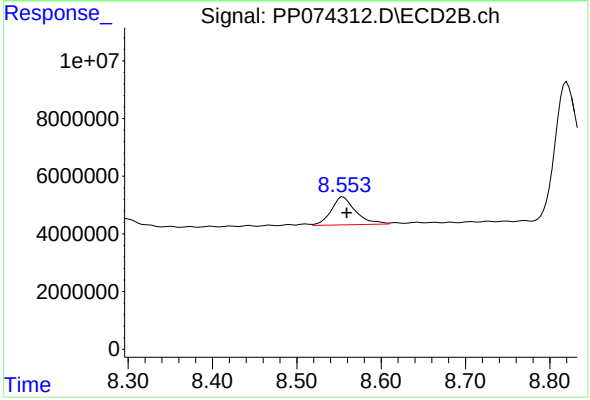
R.T.: 8.257 min
Delta R.T.: -0.003 min
Response: 65413925
Conc: 212.34 ng/ml



#45 AR-1268-5

R.T.: 10.081 min
Delta R.T.: 0.002 min
Response: 4521037
Conc: 12.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EASTMSD



#45 AR-1268-5

R.T.: 8.555 min
Delta R.T.: -0.004 min
Response: 19485839
Conc: 7.64 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:48
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.659	3.803	64369772	233.9E6	57.560	60.987	
2)	SA Decachlor...	10.436	8.820	50800485	333.5E6	52.309	55.456	
	Target Compounds							
3)	L1 AR-1016-1	5.811	4.903	22974987	233.6E6	556.877	585.544	
4)	L1 AR-1016-2	5.832	4.960	33441672	115.6E6	550.555	615.345	
5)	L1 AR-1016-3	5.895	5.081	22187737	62696370	559.442	591.087	
6)	L1 AR-1016-4	5.992	5.122	18339102	65081402	563.509	595.874	
7)	L1 AR-1016-5	6.284	5.336	18014922	71852479	554.851	614.317	
8)	L2 AR-1221-1	4.854	4.013	2740944	7669936	163.506	156.258	
9)	L2 AR-1221-2	4.945	4.100	4124108	10102852	327.283	281.500	
10)	L2 AR-1221-3	5.020	4.176	13646312	48584576	372.492	359.288	
11)	L3 AR-1232-1	5.020	4.176	13646312	48584576	469.958	479.315	
12)	L3 AR-1232-2	5.546	4.903	17384703	233.6E6	1155.689	1340.284	
13)	L3 AR-1232-3	5.832	5.081	33441672	62696370	1153.093	1368.420	
14)	L3 AR-1232-4	5.992	5.164	18339102	115.7E6	1185.552	1995.265	#
15)	L3 AR-1232-5	6.081	5.336	16176910	71852479	1380.752	1529.445	
16)	L4 AR-1242-1	5.811	4.903	22974987	233.6E6	616.516	676.728	
17)	L4 AR-1242-2	5.832	4.960	33441672	115.6E6	614.636	707.363	
18)	L4 AR-1242-3	5.895	5.081	22187737	62696370	620.882	679.646	
19)	L4 AR-1242-4	5.992	5.164	18339102	115.7E6	627.651	969.228	#
20)	L4 AR-1242-5	6.722	5.686	6821787	88184525	191.849	589.626	#
21)	L5 AR-1248-1	5.811	4.903	22974987	233.6E6	820.109	1091.779	#
22)	L5 AR-1248-2	6.081	5.122	16176910	65081402	401.800	444.811	
23)	L5 AR-1248-3	6.284	5.164	18014922	115.7E6	404.162	675.065	#
24)	L5 AR-1248-4	6.658	5.336	23375703	71852479	449.212	431.874	
25)	L5 AR-1248-5	6.722	5.720	6821787	27151877	119.800	93.316	
26)	L6 AR-1254-1	6.658	5.686	23375703	88184525	444.059	240.822	#
27)	L6 AR-1254-2	6.874	5.833	14826525	70991951	186.486	255.168	#
28)	L6 AR-1254-3	7.236	6.250	9520749	139.6E6	109.038	285.322	#
29)	L6 AR-1254-4	7.519	6.461	6193777	13361436	97.067	36.351	#
30)	L6 AR-1254-5	7.933	6.879	47015566	180.5E6	579.404	468.662	
31)	L7 AR-1260-1	7.401	6.552	30236790	234.5E6	536.531	580.596	
32)	L7 AR-1260-2	7.654	6.706	35268906	177.9E6	517.501	568.793	
33)	L7 AR-1260-3	8.012	6.917	27864737	234.2E6	522.830	594.283	
34)	L7 AR-1260-4	8.240	7.175	33370027	169.9E6	532.940	583.961	
35)	L7 AR-1260-5	8.565	7.414	57421797	443.7E6	506.790	585.848	
36)	L8 AR-1262-1	8.240	6.917	33370027	234.2E6	440.298	415.912	
37)	L8 AR-1262-2	8.565	7.175	57421797	169.9E6	440.250	423.717	
38)	L8 AR-1262-3	8.897	7.698	39535257	94054093	420.271	261.647	#
39)	L8 AR-1262-4	8.976	7.761	26551541	296.1E6	364.460	444.010	
40)	L8 AR-1262-5	9.650	8.256	19147418	103.2E6	376.010	364.293	
41)	L9 AR-1268-1	8.897	7.698	39535257	94054093	254.029	86.267	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:48
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.976	7.761	26551541	296.1E6	185.124	279.009	#
43)	L9 AR-1268-3	9.223	7.968	1042857	4047686	8.729	4.865	#
44)	L9 AR-1268-4	9.650	8.256	19147418	103.2E6	325.567	334.977	
45)	L9 AR-1268-5	10.080	8.554	5562779	23797855	15.817	9.332	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

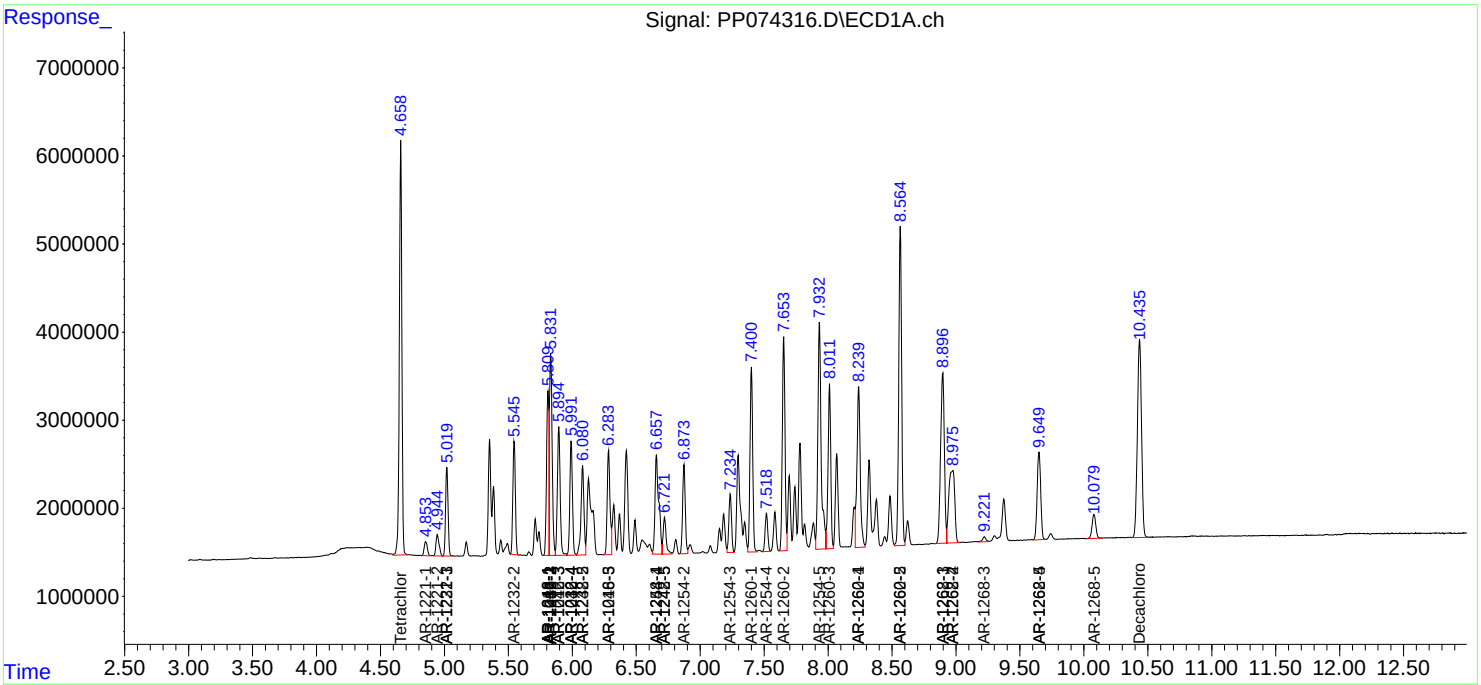
Quantitation Report (Not Reviewed)

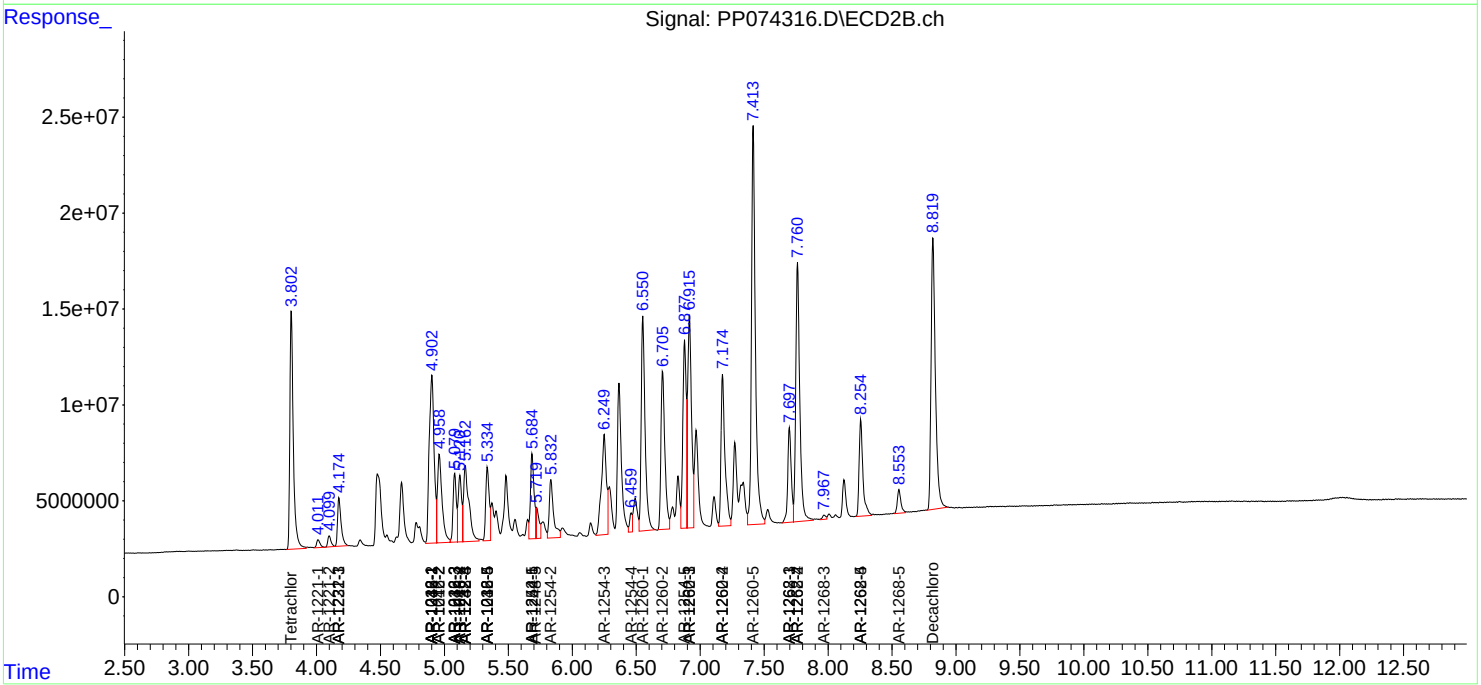
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081225\
Data File : PP074316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:48
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

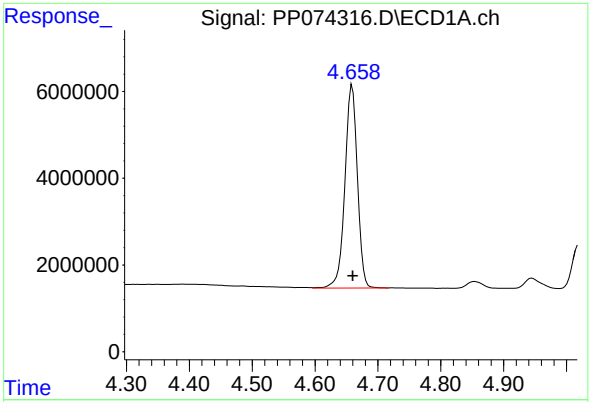
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



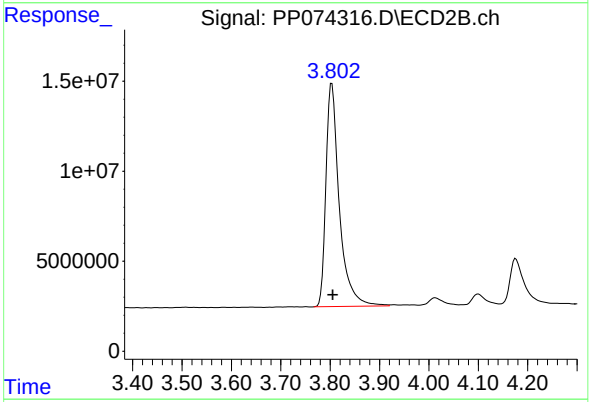




#1 Tetrachloro-m-xylene

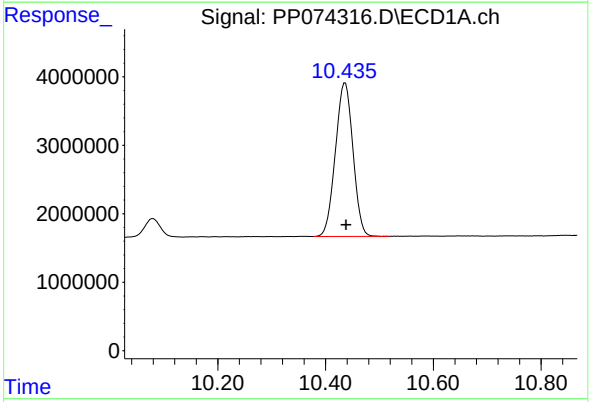
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 64369772
Conc: 57.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



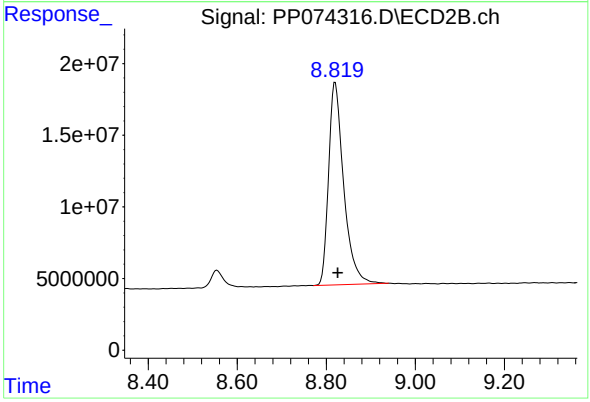
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 233851585
Conc: 60.99 ng/ml



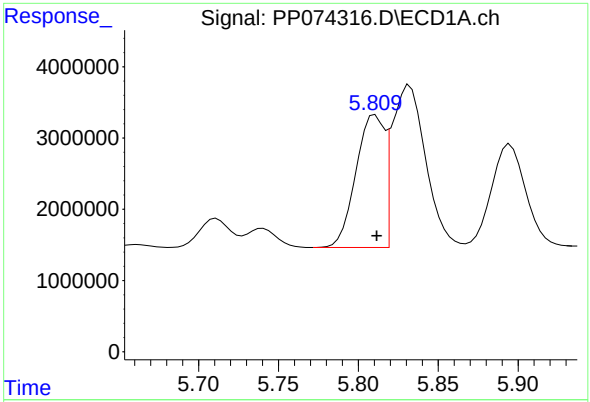
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: -0.002 min
Response: 50800485
Conc: 52.31 ng/ml



#2 Decachlorobiphenyl

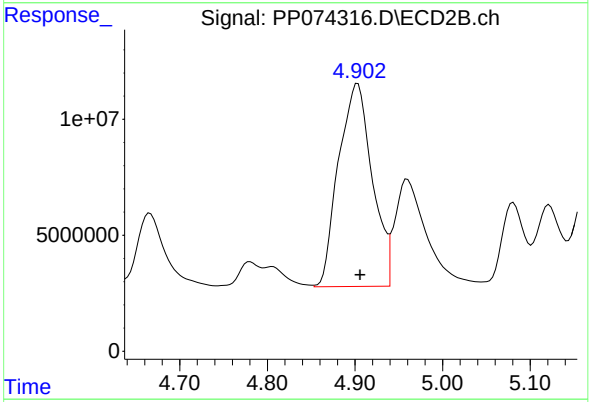
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 333491572
Conc: 55.46 ng/ml



#3 AR-1016-1

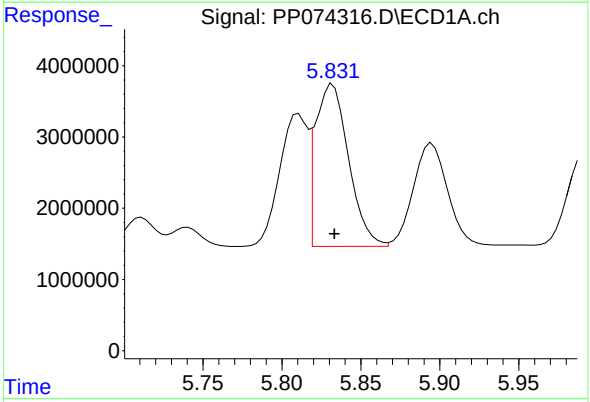
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22974987
Conc: 556.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



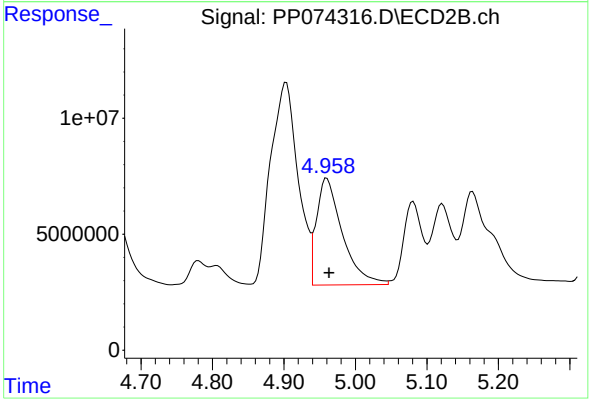
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 233566270
Conc: 585.54 ng/ml



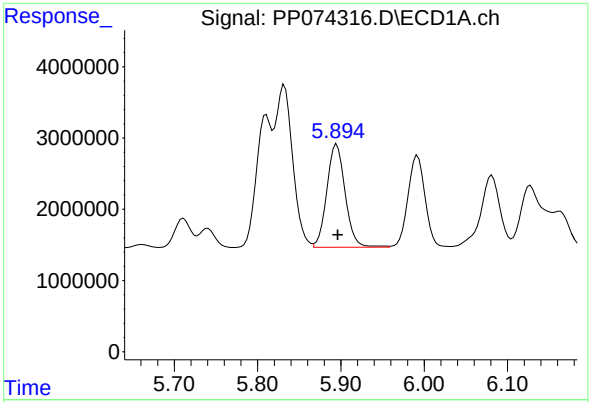
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 33441672
Conc: 550.56 ng/ml



#4 AR-1016-2

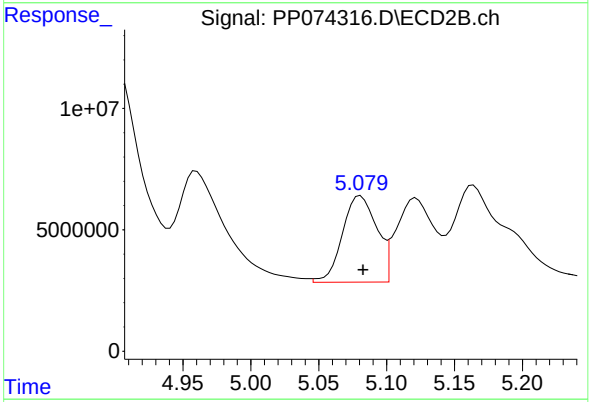
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 115567383
Conc: 615.35 ng/ml



#5 AR-1016-3

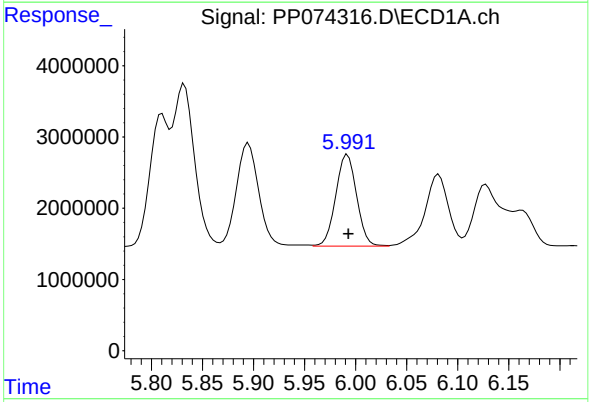
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 22187737
Conc: 559.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



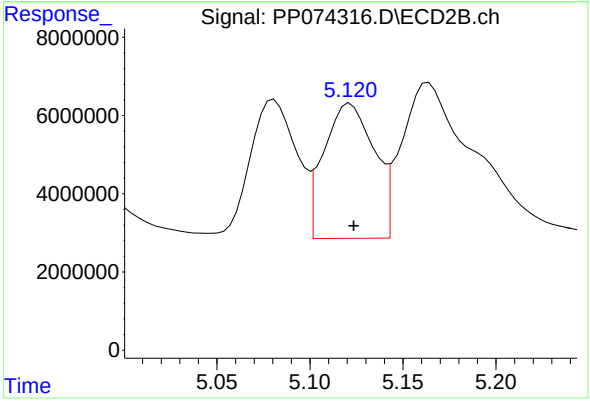
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 62696370
Conc: 591.09 ng/ml



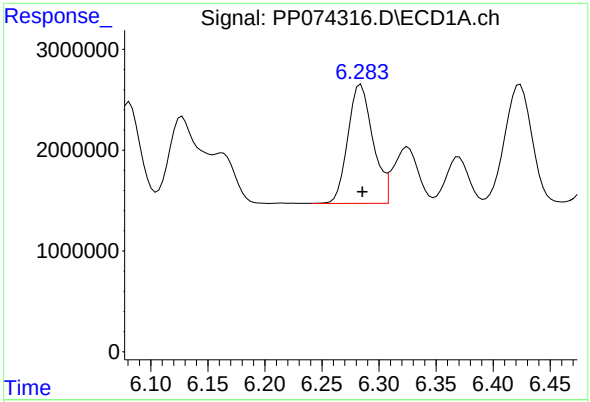
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 18339102
Conc: 563.51 ng/ml



#6 AR-1016-4

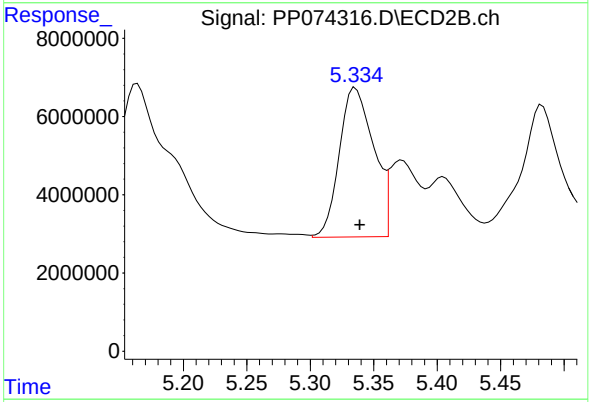
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 65081402
Conc: 595.87 ng/ml



#7 AR-1016-5

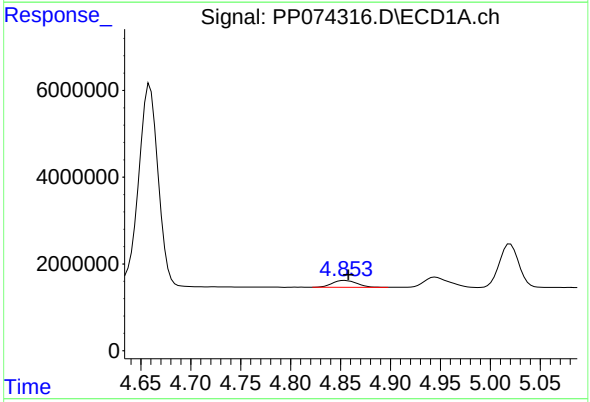
R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 18014922
Conc: 554.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



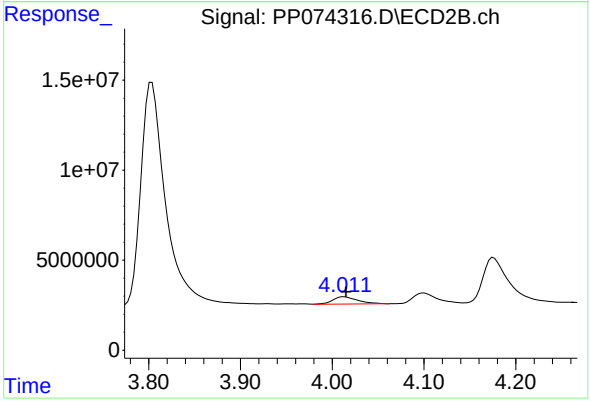
#7 AR-1016-5

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 71852479
Conc: 614.32 ng/ml



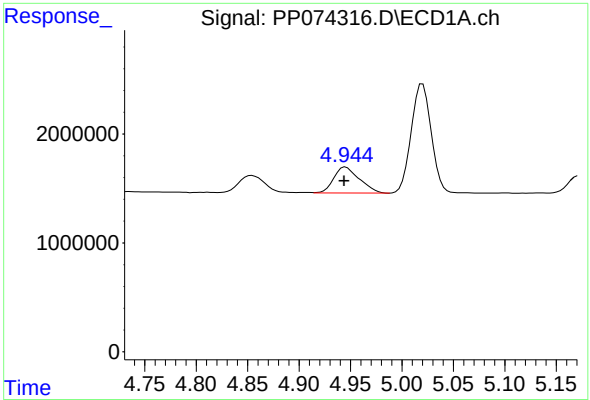
#8 AR-1221-1

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 2740944
Conc: 163.51 ng/ml



#8 AR-1221-1

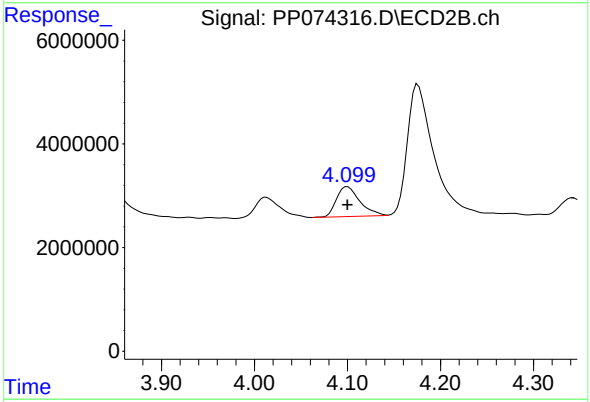
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 7669936
Conc: 156.26 ng/ml



#9 AR-1221-2

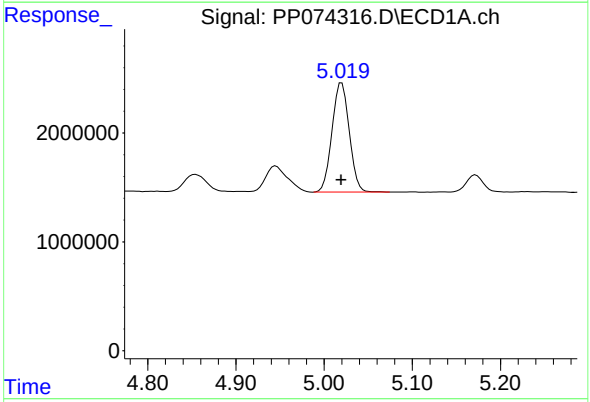
R.T.: 4.945 min
Delta R.T.: 0.002 min
Response: 4124108
Conc: 327.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



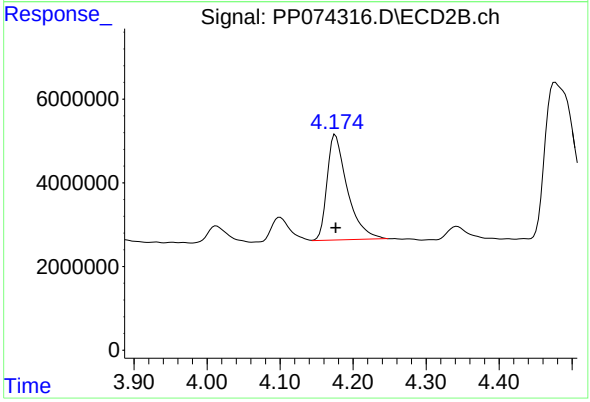
#9 AR-1221-2

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 10102852
Conc: 281.50 ng/ml



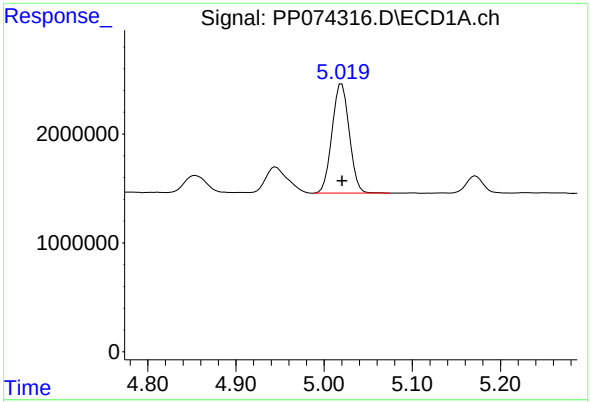
#10 AR-1221-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 13646312
Conc: 372.49 ng/ml



#10 AR-1221-3

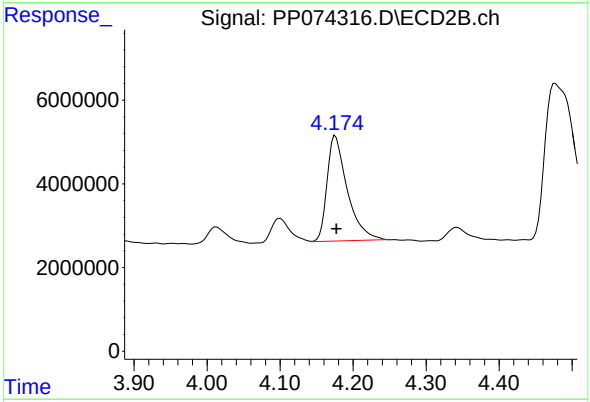
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 48584576
Conc: 359.29 ng/ml



#11 AR-1232-1

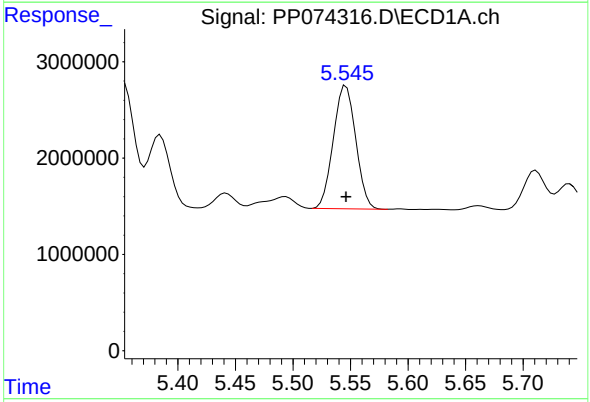
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 13646312
Conc: 469.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



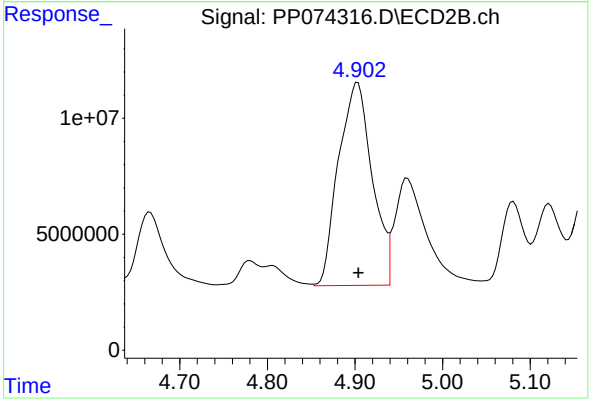
#11 AR-1232-1

R.T.: 4.176 min
Delta R.T.: -0.001 min
Response: 48584576
Conc: 479.32 ng/ml



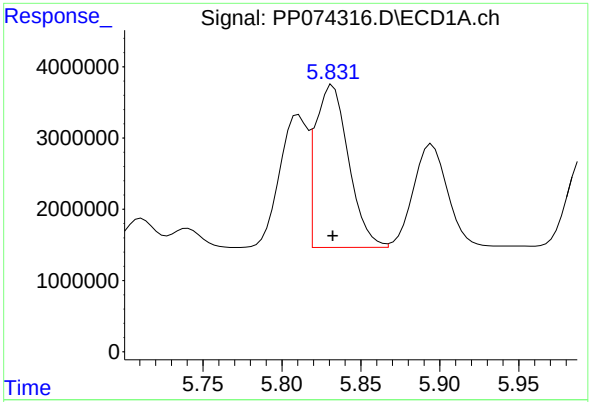
#12 AR-1232-2

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 17384703
Conc: 1155.69 ng/ml



#12 AR-1232-2

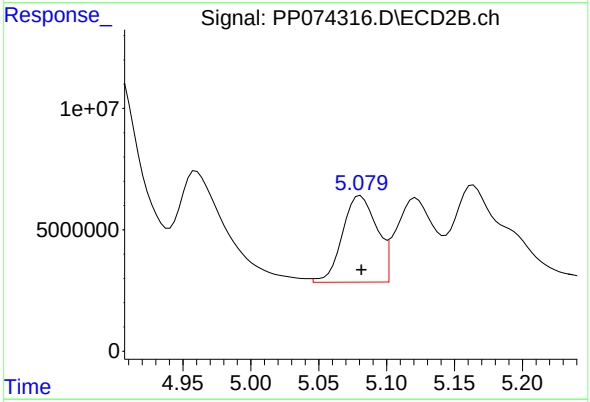
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 233566270
Conc: 1340.28 ng/ml



#13 AR-1232-3

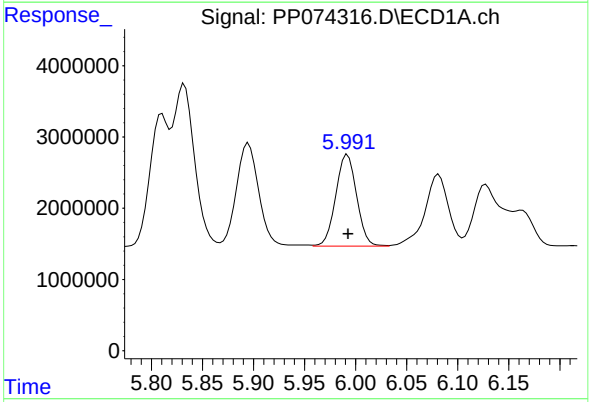
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 33441672
Conc: 1153.09 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



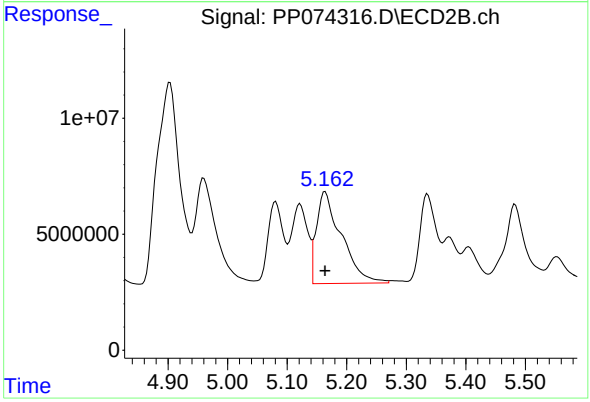
#13 AR-1232-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 62696370
Conc: 1368.42 ng/ml



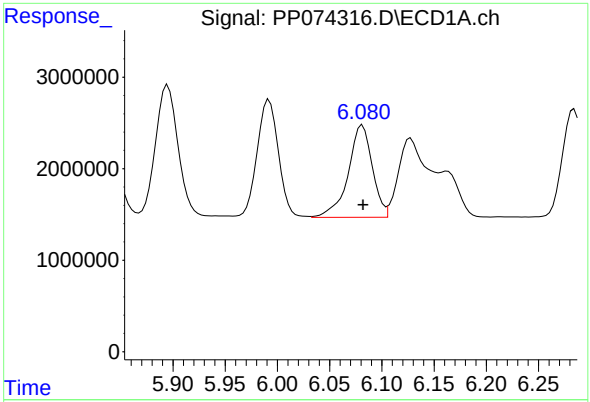
#14 AR-1232-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 18339102
Conc: 1185.55 ng/ml



#14 AR-1232-4

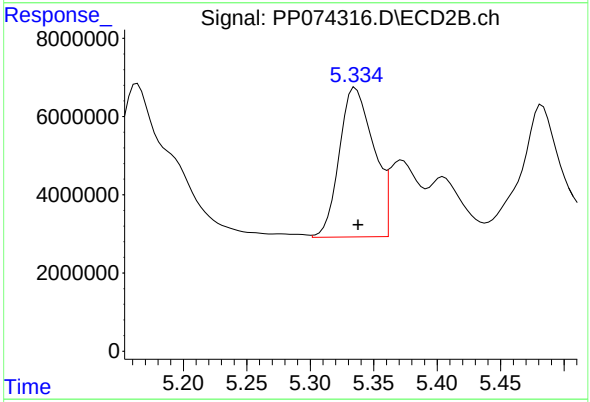
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 115746746
Conc: 1995.27 ng/ml



#15 AR-1232-5

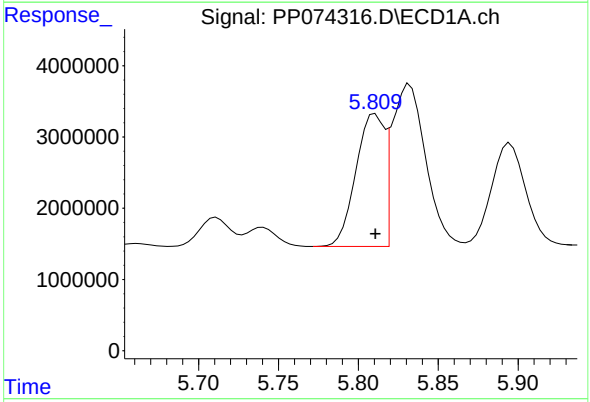
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 16176910
Conc: 1380.75 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



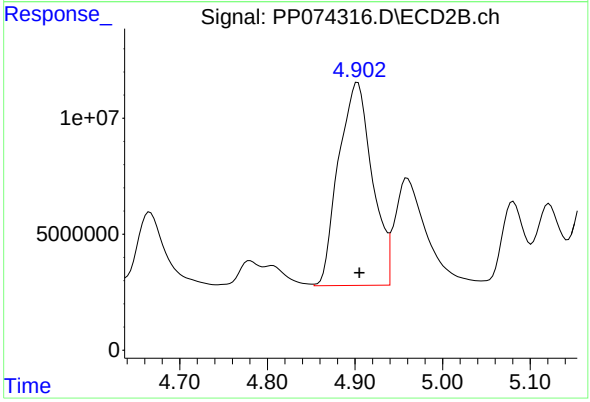
#15 AR-1232-5

R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 71852479
Conc: 1529.44 ng/ml



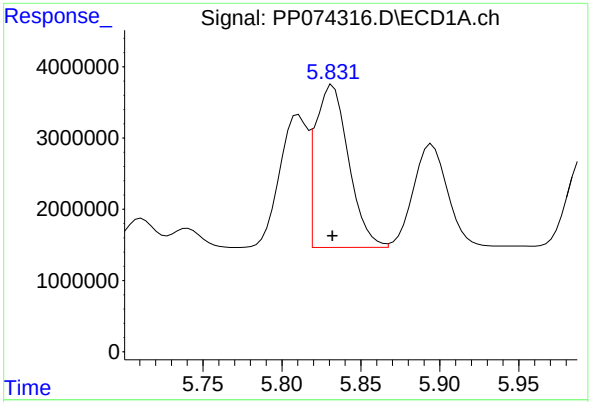
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22974987
Conc: 616.52 ng/ml



#16 AR-1242-1

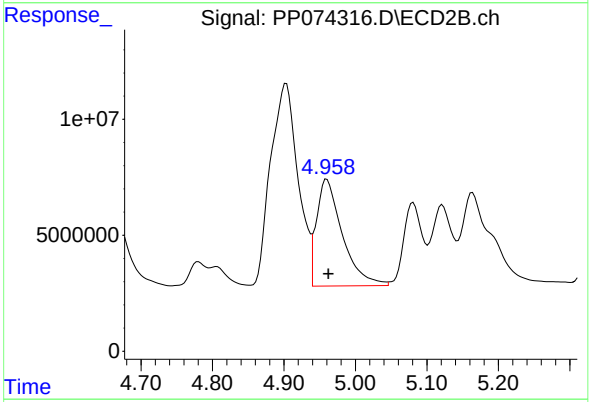
R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 233566270
Conc: 676.73 ng/ml



#17 AR-1242-2

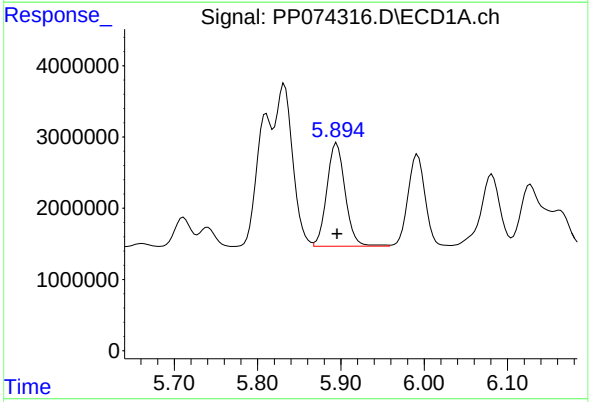
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 33441672
Conc: 614.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



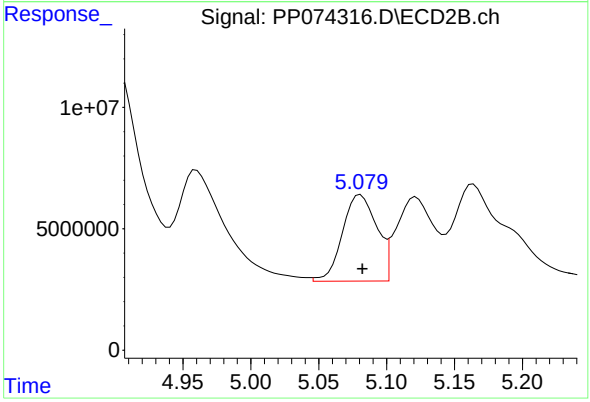
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 115567383
Conc: 707.36 ng/ml



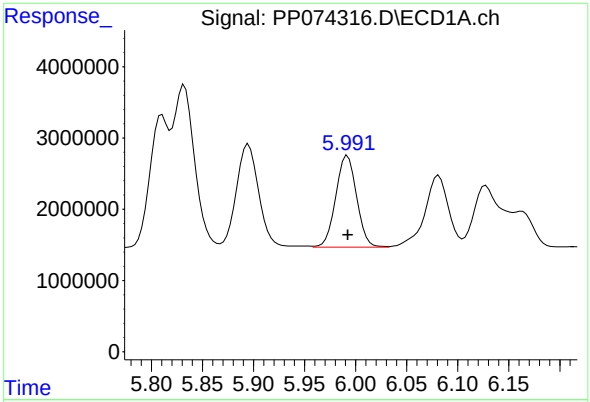
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 22187737
Conc: 620.88 ng/ml



#18 AR-1242-3

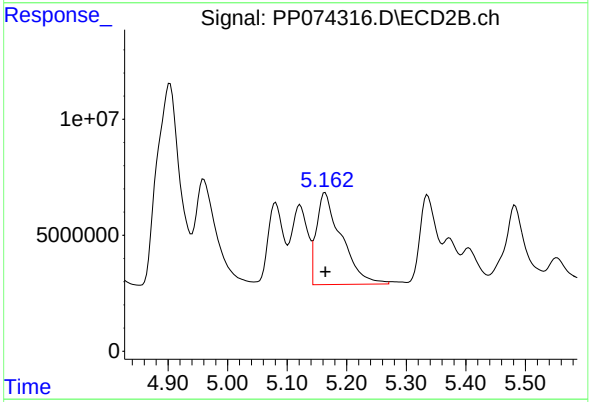
R.T.: 5.081 min
Delta R.T.: -0.001 min
Response: 62696370
Conc: 679.65 ng/ml



#19 AR-1242-4

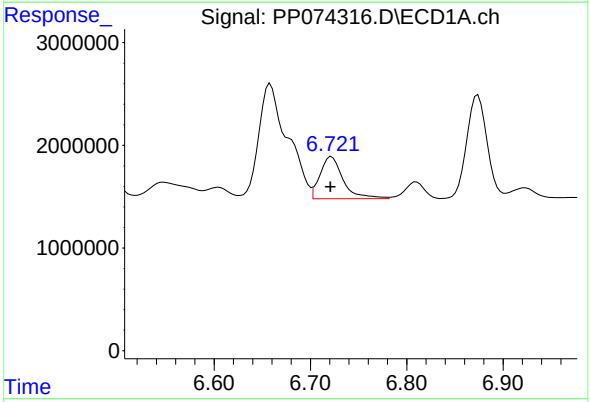
R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 18339102
Conc: 627.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



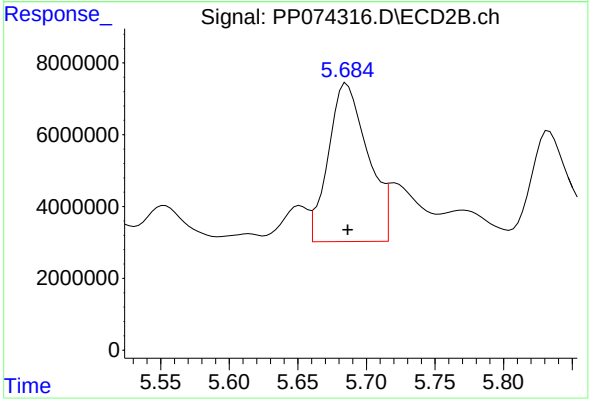
#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 115746746
Conc: 969.23 ng/ml



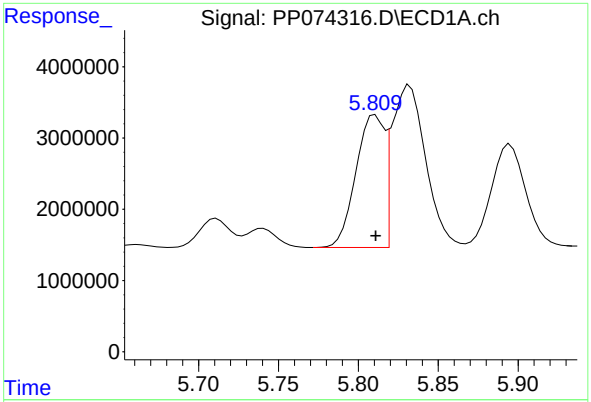
#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 6821787
Conc: 191.85 ng/ml



#20 AR-1242-5

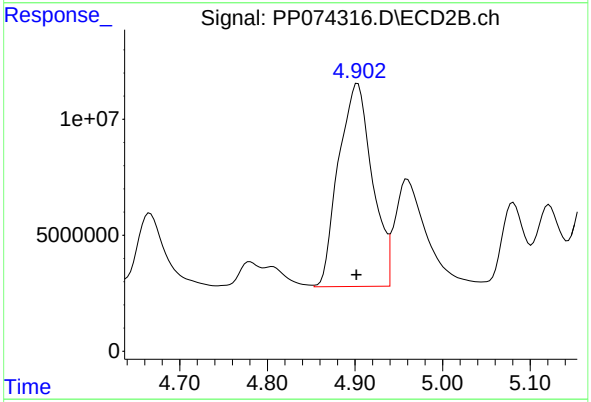
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 88184525
Conc: 589.63 ng/ml



#21 AR-1248-1

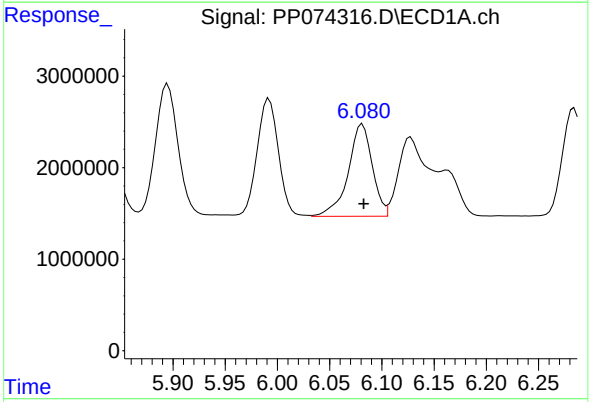
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 22974987
Conc: 820.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



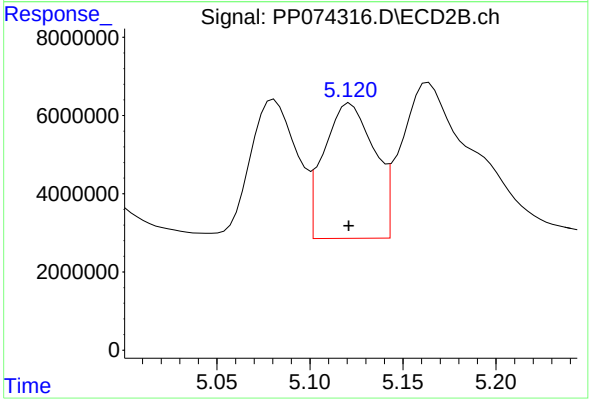
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.001 min
Response: 233566270
Conc: 1091.78 ng/ml



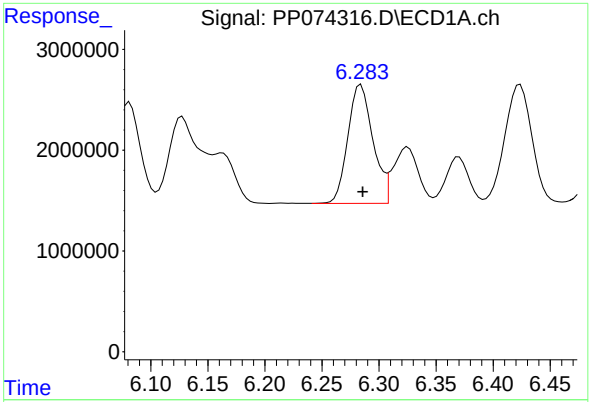
#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 16176910
Conc: 401.80 ng/ml



#22 AR-1248-2

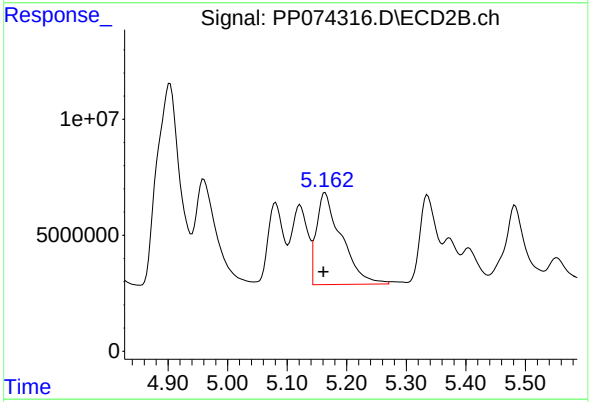
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 65081402
Conc: 444.81 ng/ml



#23 AR-1248-3

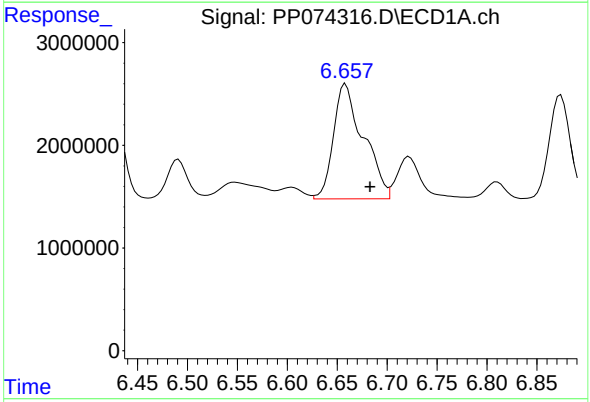
R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 18014922
Conc: 404.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



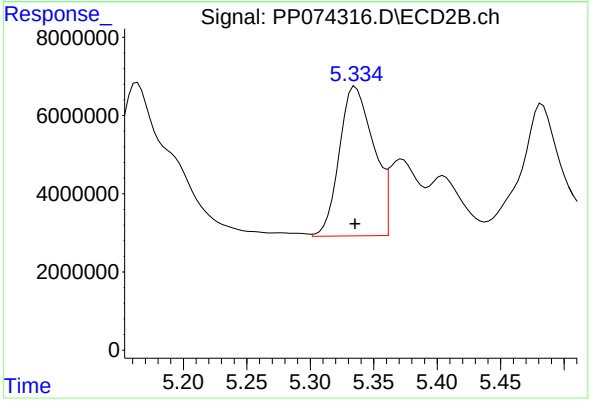
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.003 min
Response: 115746746
Conc: 675.07 ng/ml



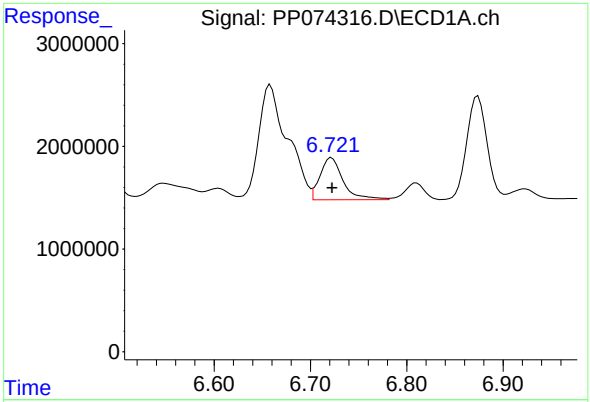
#24 AR-1248-4

R.T.: 6.658 min
Delta R.T.: -0.025 min
Response: 23375703
Conc: 449.21 ng/ml



#24 AR-1248-4

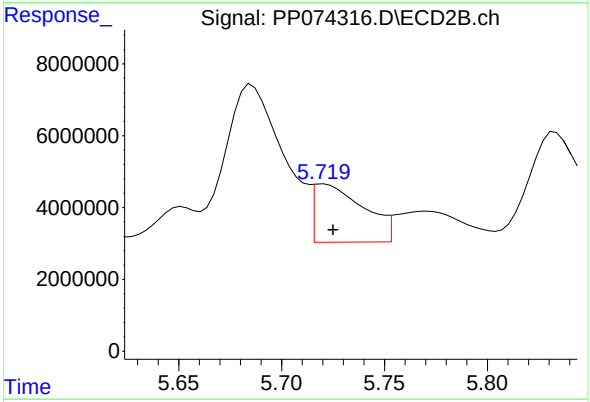
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 71852479
Conc: 431.87 ng/ml



#25 AR-1248-5

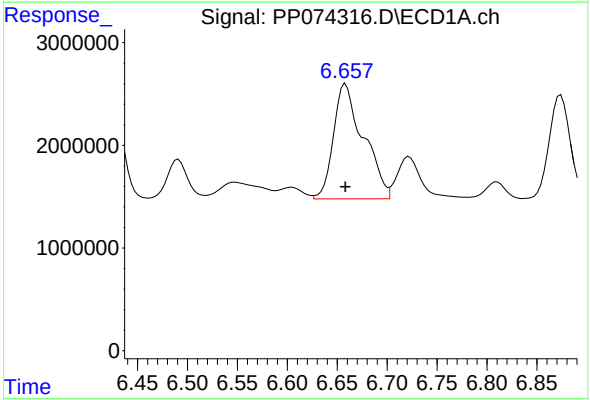
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 6821787
Conc: 119.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



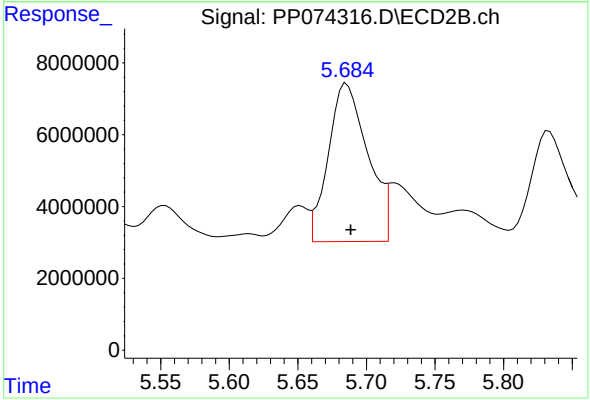
#25 AR-1248-5

R.T.: 5.720 min
Delta R.T.: -0.005 min
Response: 27151877
Conc: 93.32 ng/ml



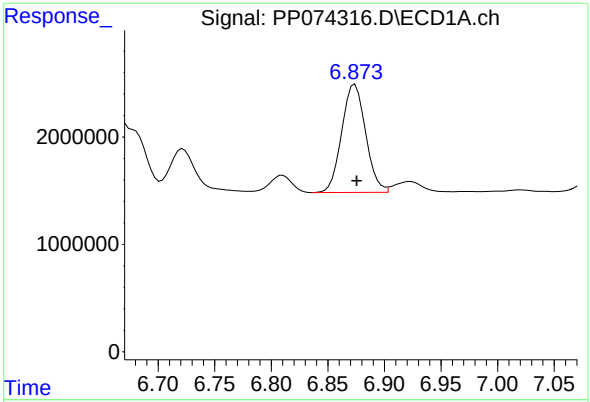
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 23375703
Conc: 444.06 ng/ml



#26 AR-1254-1

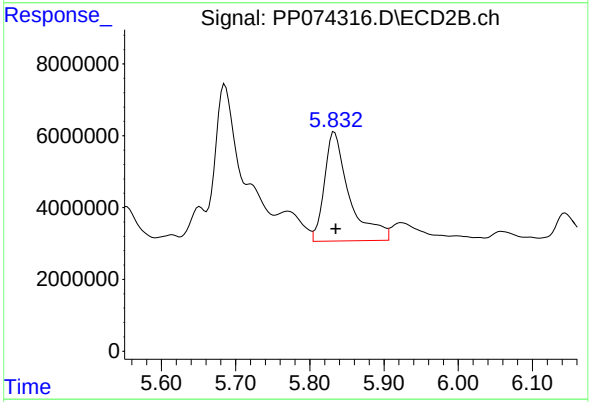
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 88184525
Conc: 240.82 ng/ml



#27 AR-1254-2

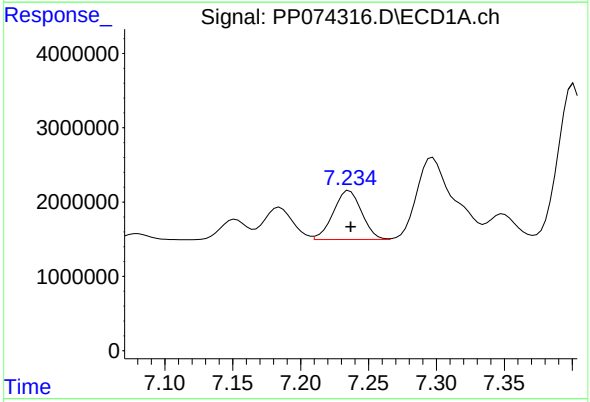
R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 14826525
Conc: 186.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



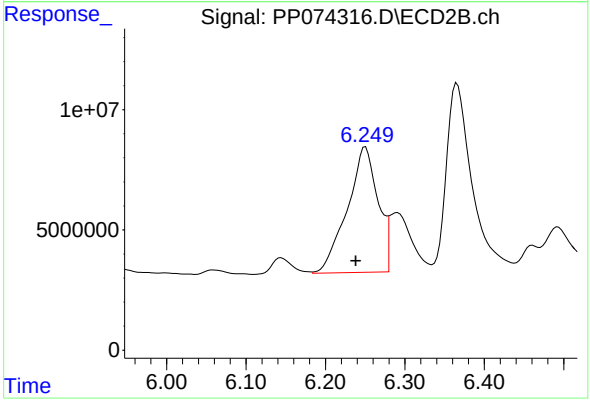
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 70991951
Conc: 255.17 ng/ml



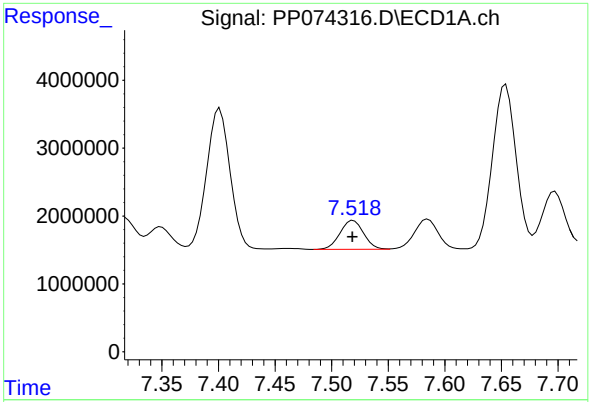
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 9520749
Conc: 109.04 ng/ml



#28 AR-1254-3

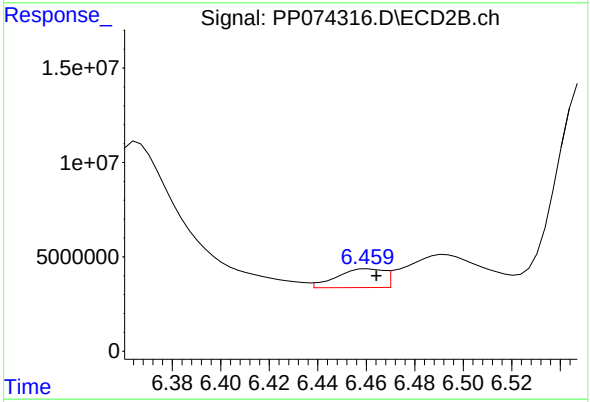
R.T.: 6.250 min
Delta R.T.: 0.012 min
Response: 139582747
Conc: 285.32 ng/ml



#29 AR-1254-4

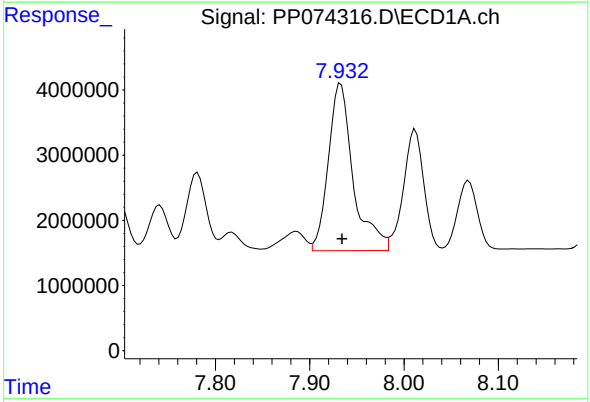
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 6193777
Conc: 97.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



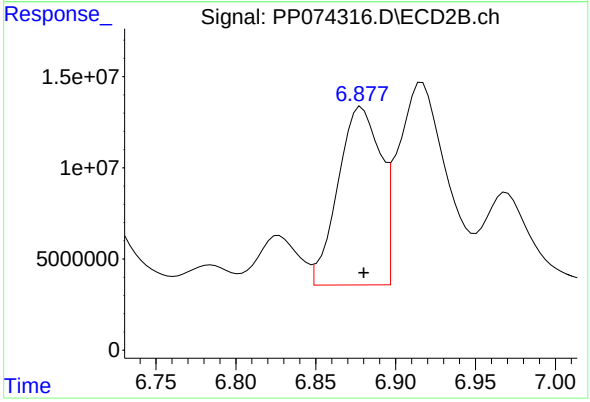
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 13361436
Conc: 36.35 ng/ml



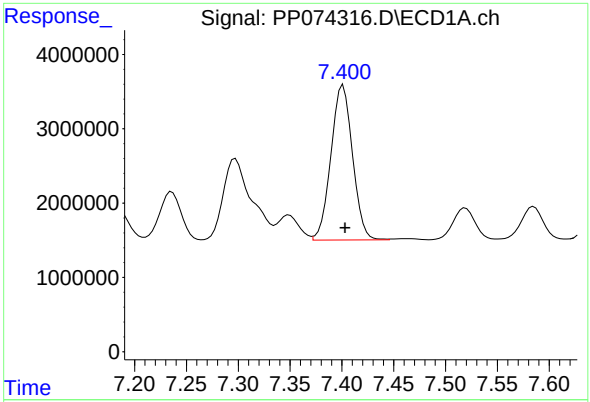
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: -0.002 min
Response: 47015566
Conc: 579.40 ng/ml



#30 AR-1254-5

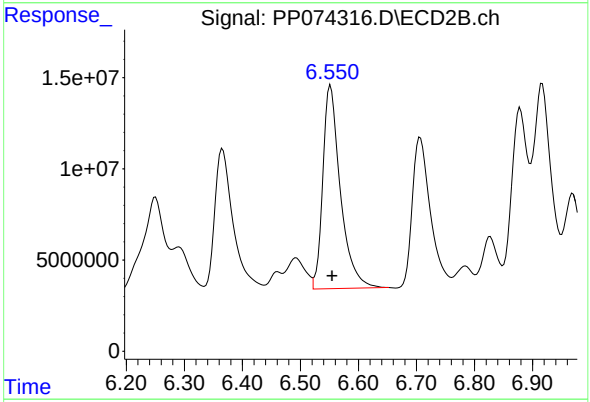
R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 180513241
Conc: 468.66 ng/ml



#31 AR-1260-1

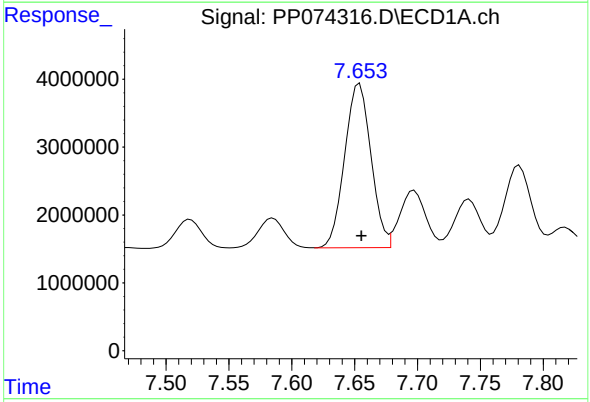
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 30236790
Conc: 536.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



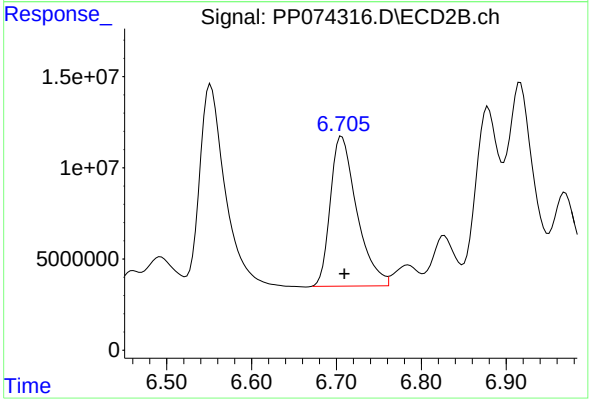
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 234535731
Conc: 580.60 ng/ml



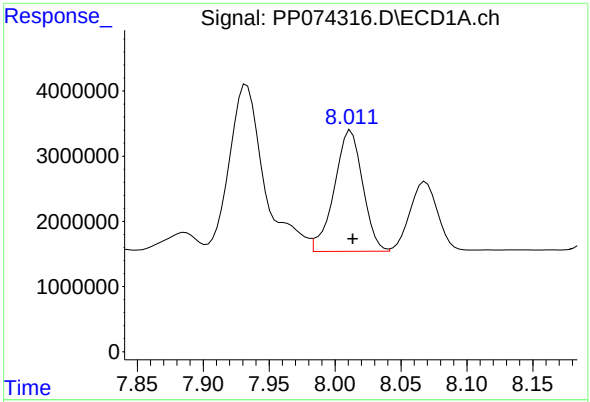
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 35268906
Conc: 517.50 ng/ml



#32 AR-1260-2

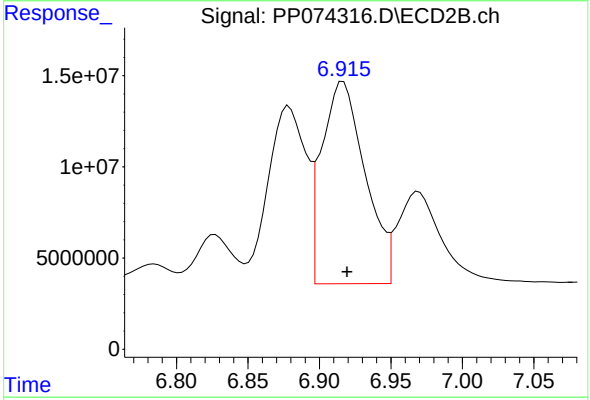
R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 177860970
Conc: 568.79 ng/ml



#33 AR-1260-3

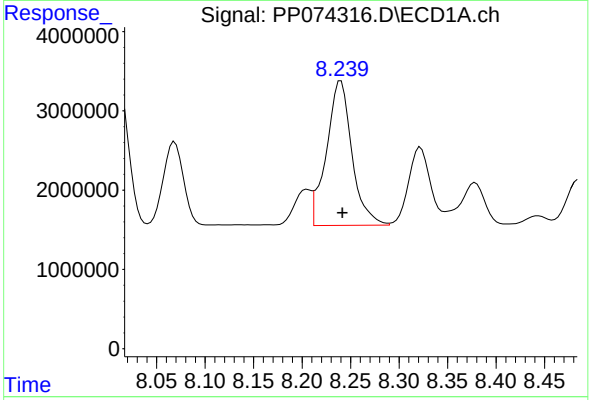
R.T.: 8.012 min
Delta R.T.: -0.001 min
Response: 27864737
Conc: 522.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



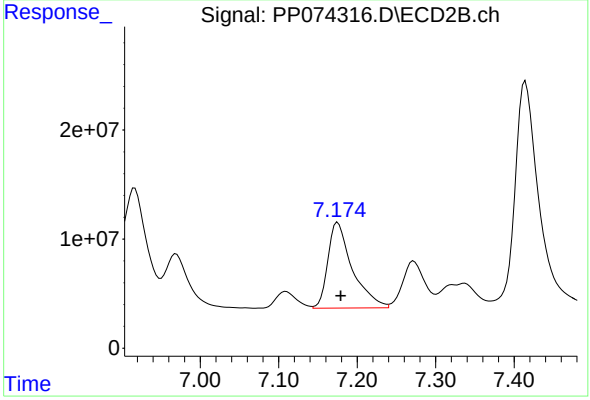
#33 AR-1260-3

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 234217922
Conc: 594.28 ng/ml



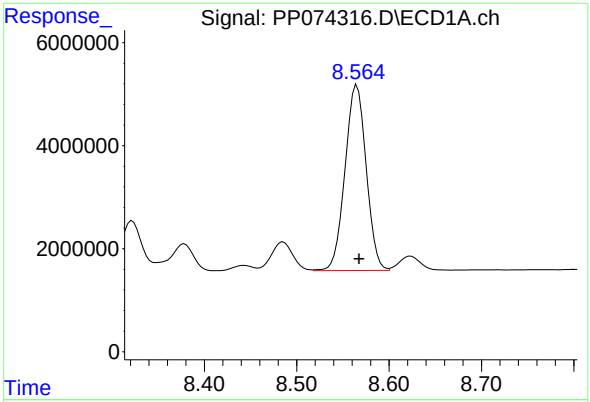
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 33370027
Conc: 532.94 ng/ml



#34 AR-1260-4

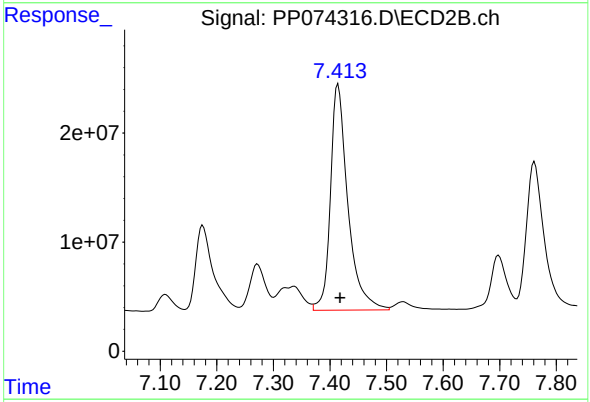
R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 169920550
Conc: 583.96 ng/ml



#35 AR-1260-5

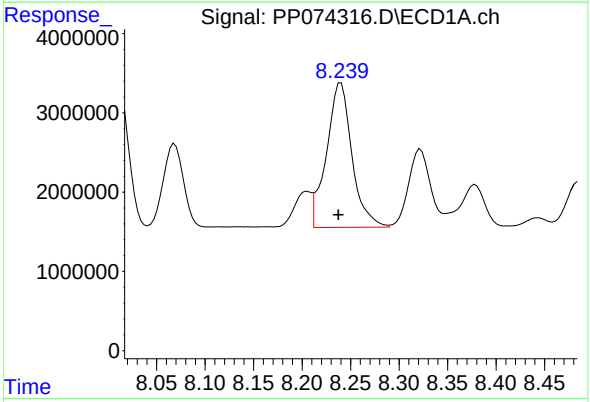
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 57421797
Conc: 506.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



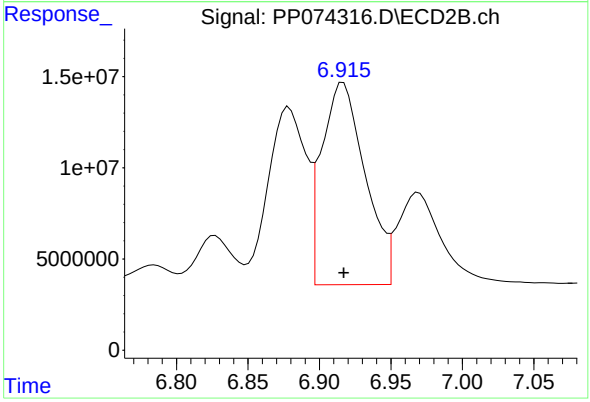
#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 443727135
Conc: 585.85 ng/ml



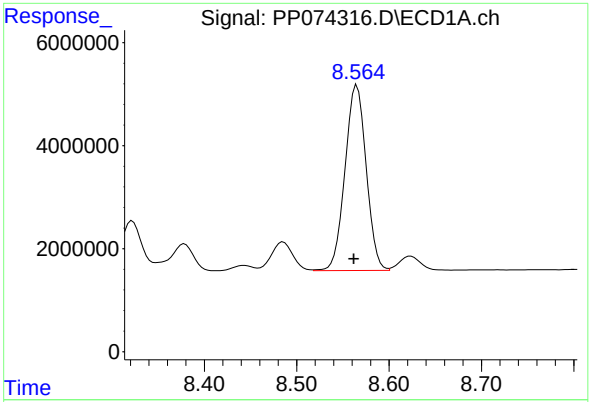
#36 AR-1262-1

R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 33370027
Conc: 440.30 ng/ml



#36 AR-1262-1

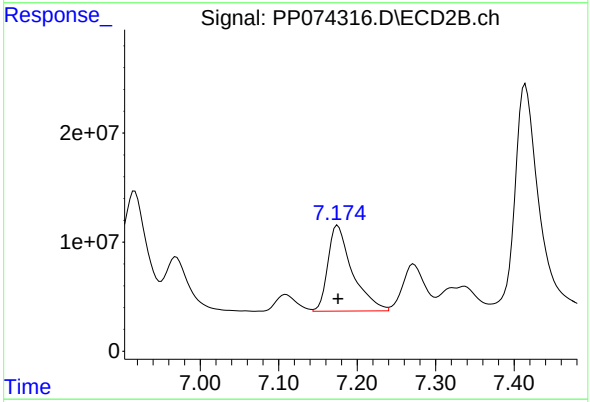
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 234217922
Conc: 415.91 ng/ml



#37 AR-1262-2

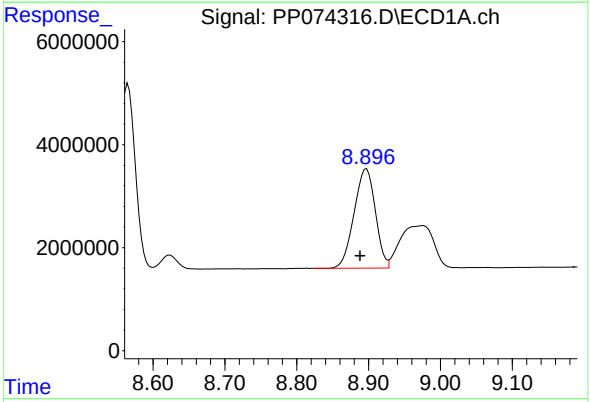
R.T.: 8.565 min
Delta R.T.: 0.004 min
Response: 57421797
Conc: 440.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



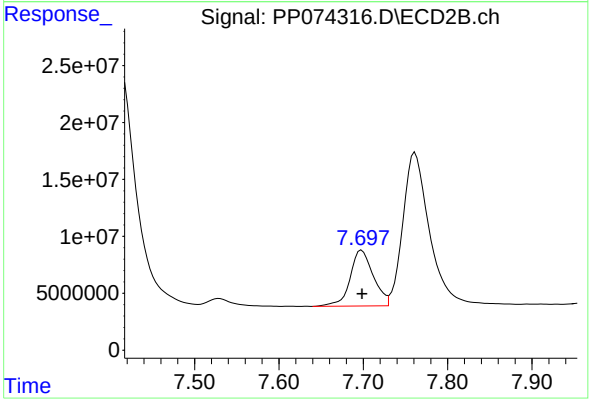
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 169920550
Conc: 423.72 ng/ml



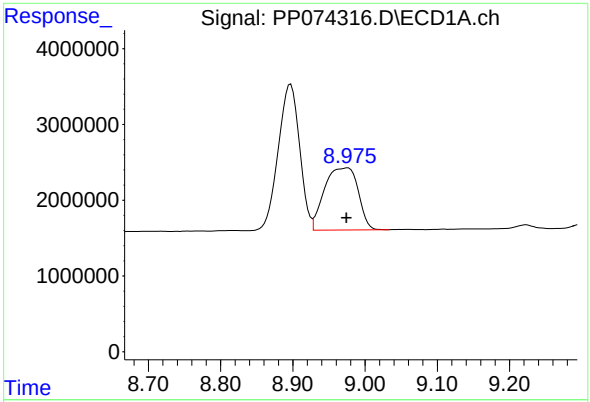
#38 AR-1262-3

R.T.: 8.897 min
Delta R.T.: 0.009 min
Response: 39535257
Conc: 420.27 ng/ml



#38 AR-1262-3

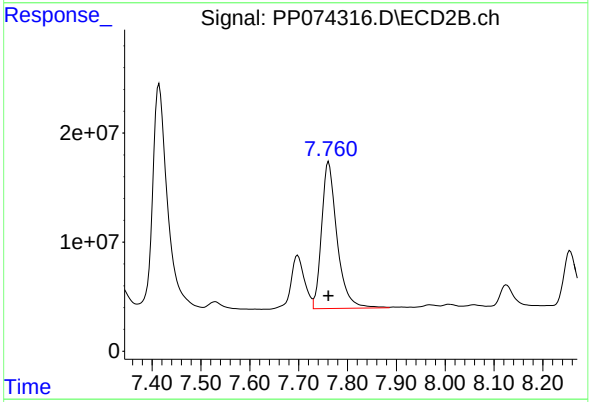
R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 94054093
Conc: 261.65 ng/ml



#39 AR-1262-4

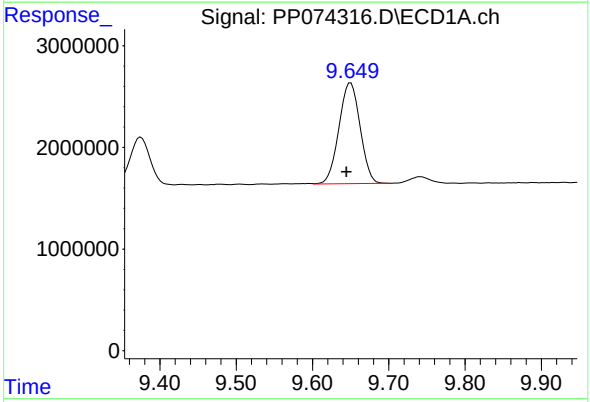
R.T.: 8.976 min
Delta R.T.: 0.002 min
Response: 26551541
Conc: 364.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



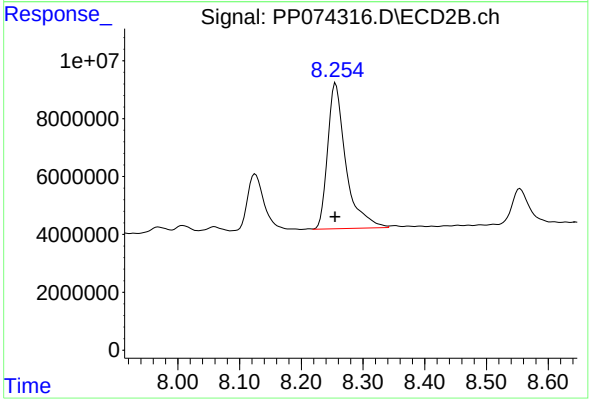
#39 AR-1262-4

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 296119665
Conc: 444.01 ng/ml



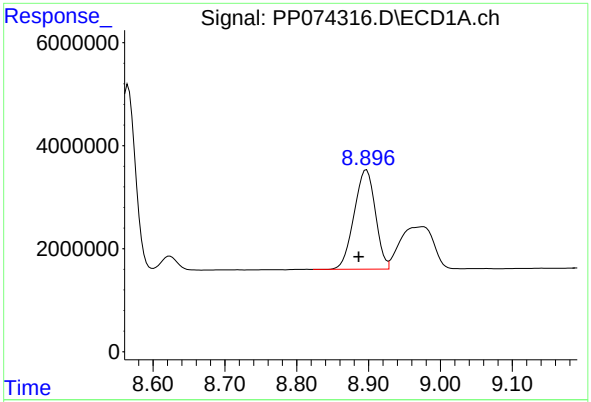
#40 AR-1262-5

R.T.: 9.650 min
Delta R.T.: 0.005 min
Response: 19147418
Conc: 376.01 ng/ml



#40 AR-1262-5

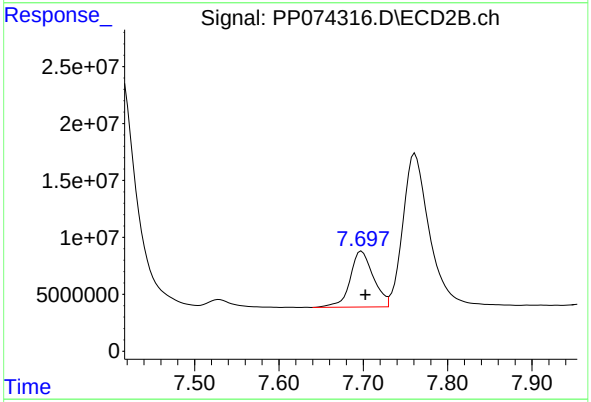
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 103192666
Conc: 364.29 ng/ml



#41 AR-1268-1

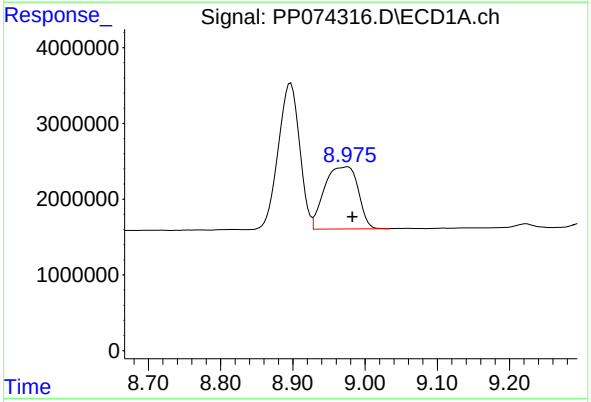
R.T.: 8.897 min
Delta R.T.: 0.011 min
Response: 39535257
Conc: 254.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



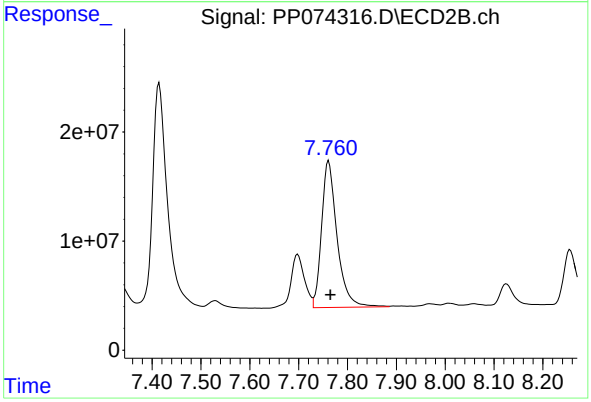
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: -0.004 min
Response: 94054093
Conc: 86.27 ng/ml



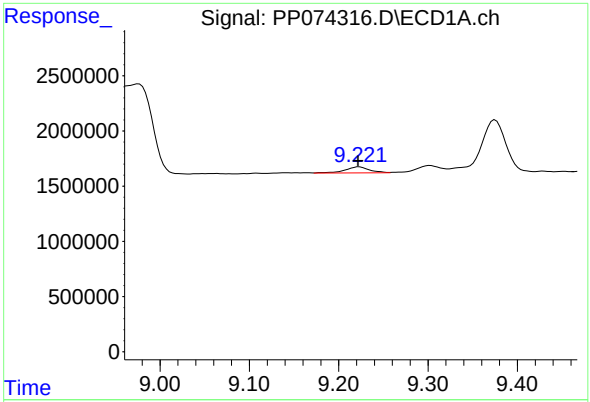
#42 AR-1268-2

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 26551541
Conc: 185.12 ng/ml



#42 AR-1268-2

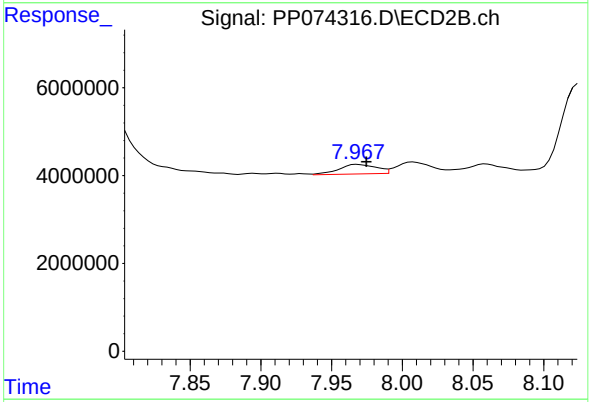
R.T.: 7.761 min
Delta R.T.: -0.004 min
Response: 296119665
Conc: 279.01 ng/ml



#43 AR-1268-3

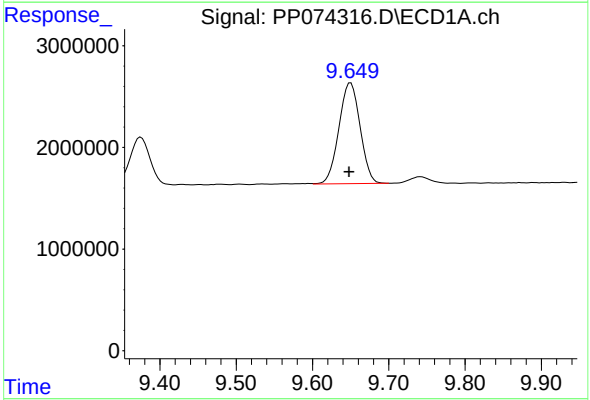
R.T.: 9.223 min
Delta R.T.: 0.001 min
Response: 1042857
Conc: 8.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



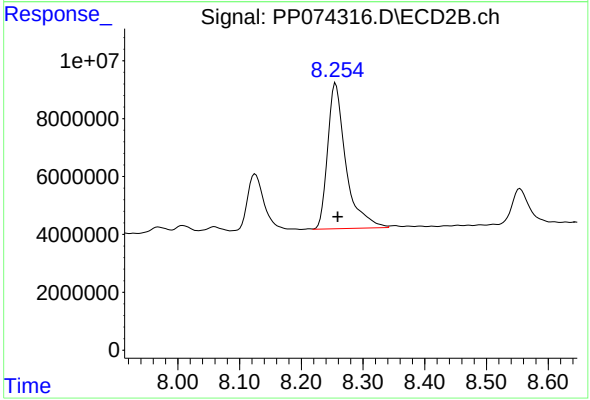
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: -0.006 min
Response: 4047686
Conc: 4.87 ng/ml



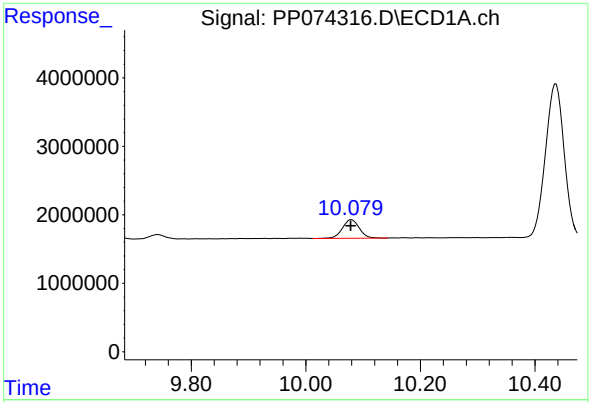
#44 AR-1268-4

R.T.: 9.650 min
Delta R.T.: 0.002 min
Response: 19147418
Conc: 325.57 ng/ml



#44 AR-1268-4

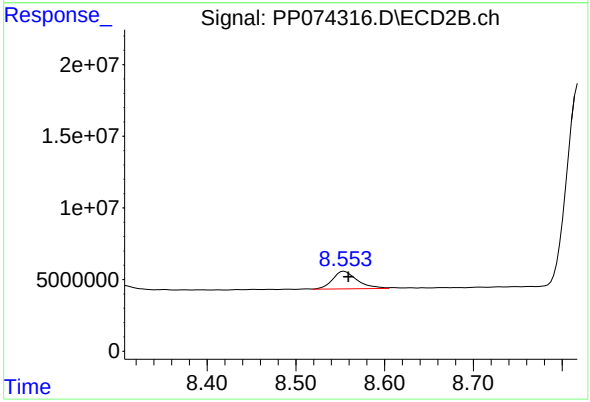
R.T.: 8.256 min
Delta R.T.: -0.003 min
Response: 103192666
Conc: 334.98 ng/ml



#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.001 min
Response: 5562779
Conc: 15.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: -0.005 min
Response: 23797855
Conc: 9.33 ng/ml