

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 16:46
 Operator : AR\AJ
 Sample : Q1168-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:58:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.776	47506377	54402089	17.642	16.667
28)	SA Decachlor...	9.053	7.911	41135737	64716395	19.664	18.469
Target Compounds							
2)	A alpha-BHC	3.994	3.277	17611249	18423143	4.594	3.768
3)	MA gamma-BHC...	4.326	3.607	17653425	18208603	4.793	3.840
4)	MA Heptachlor	4.914	3.945	16198246	19082012	4.942	4.099
5)	MB Aldrin	5.255	4.225	16136335	18098713	4.932	3.967
6)	B beta-BHC	4.525	3.907	8161816	8891320	5.078	4.451
7)	B delta-BHC	4.770	4.135	17577586	18365750	5.015m	3.865
8)	B Heptachlo...	5.682	4.727	15126278	18221370	5.086	4.359
9)	A Endosulfan I	6.068	5.097	13474652	17104234	5.099	4.412
10)	B gamma-Chl...	5.937	4.976	14156291	18514408	5.079m	4.369m
11)	B alpha-Chl...	6.017	5.040	14387316	18974124	5.160	4.532
12)	B 4,4'-DDE	6.191	5.229	13030742	17837021	5.352	4.449
13)	MA Dieldrin	6.343	5.361	13828393	17787547	4.982	4.141
14)	MA Endrin	6.571	5.635	10740901	14629359	4.581m	3.962m
15)	B Endosulfa...	6.791	5.931	12446766	16526403	5.166m	4.462
16)	A 4,4'-DDD	6.707	5.785	10810871	14961140	5.688m	4.740
17)	MA 4,4'-DDT	7.022	6.035	9693814	12742212	4.916	3.916
18)	B Endrin al...	6.923	6.111	10740885	14062958	5.525	4.619
19)	B Endosulfa...	7.157	6.334	12412123	15816819	5.483	4.435
20)	A Methoxychlor	7.498	6.610	5391970	8156332	5.168	4.561
21)	B Endrin ke...	7.641	6.838	14361036	19331155	5.693m	4.608
22)	Mirex	8.115	7.019	11051239	16430345	5.307	4.858

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 16:46
Operator : AR\AJ
Sample : Q1168-02
Misc : PEST LOQ 5PPB
ALS Vial : 18 Sample Multiplier: 1

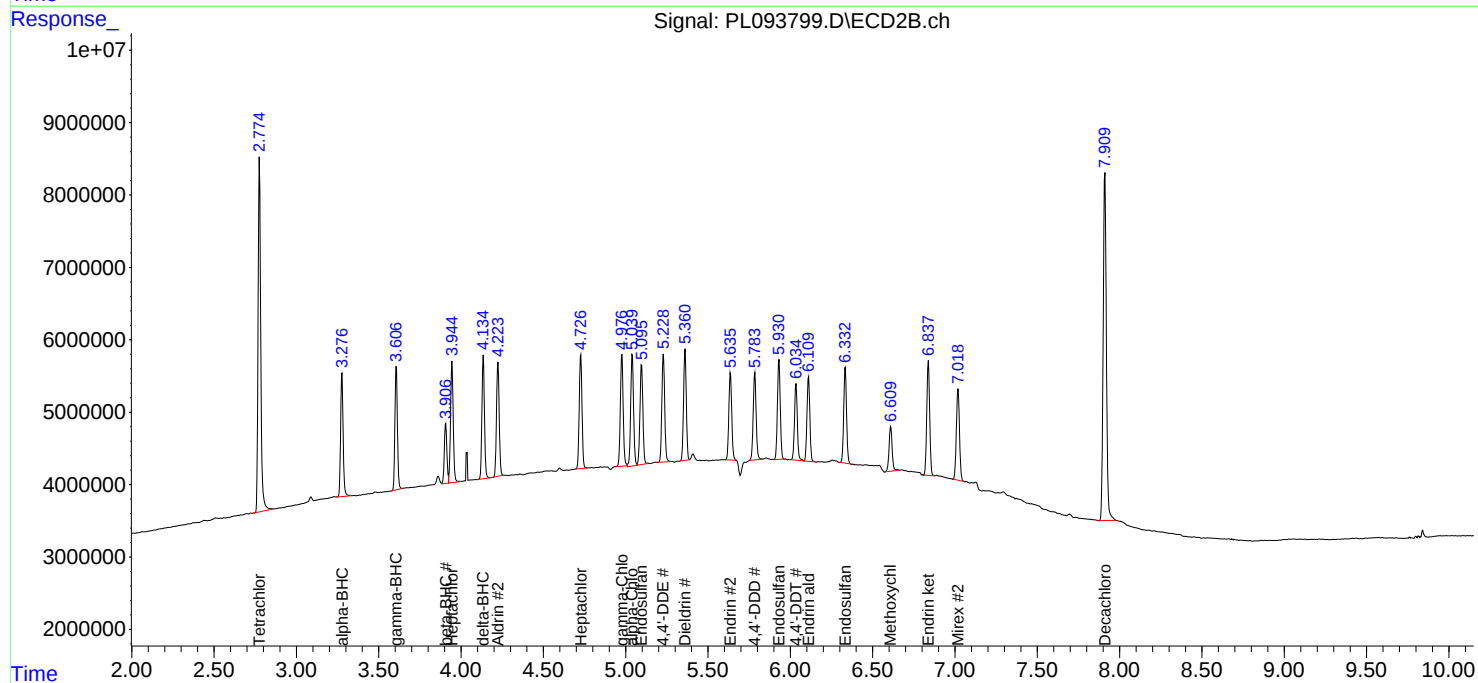
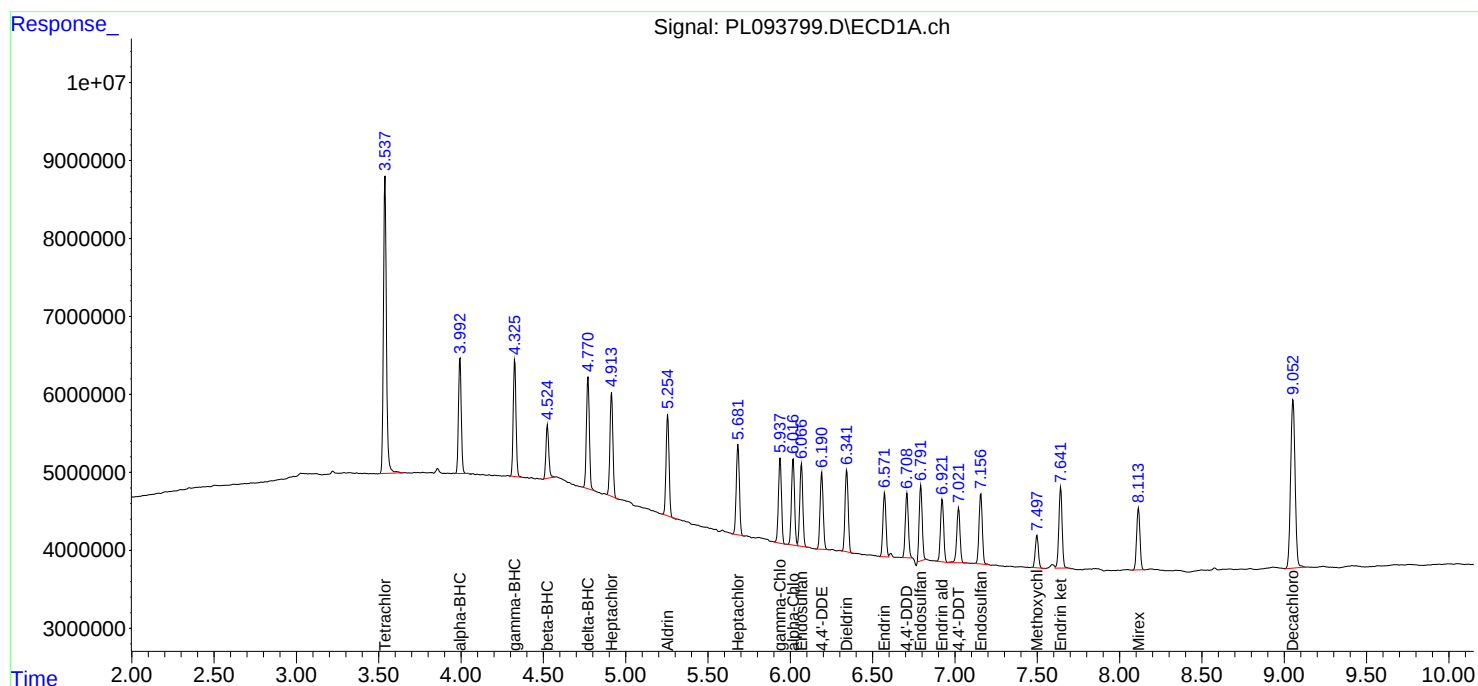
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

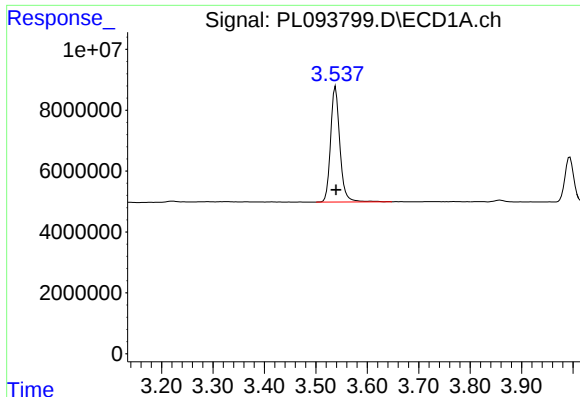
Manual Integrations
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Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:58:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





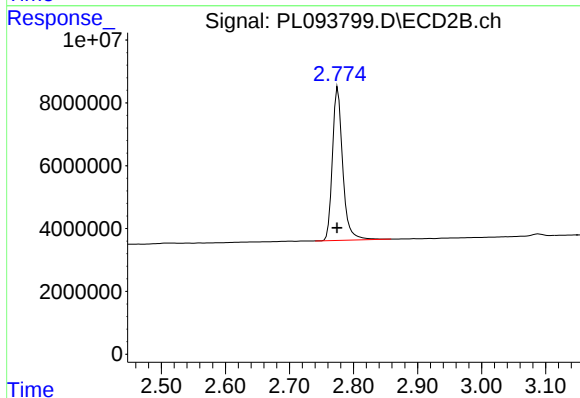
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 47506377
Conc: 17.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

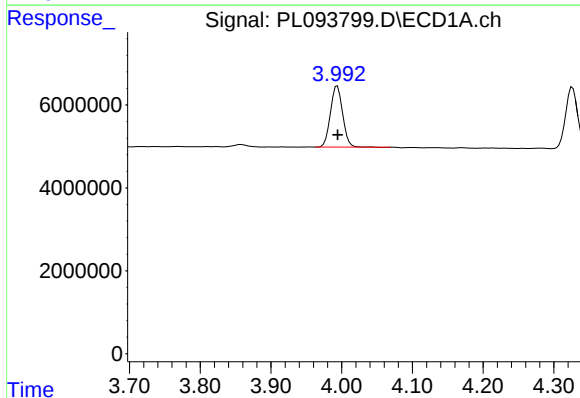
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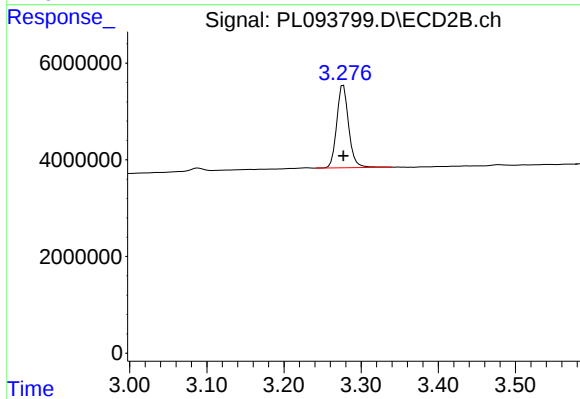
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.001 min
Response: 54402089
Conc: 16.67 ng/ml



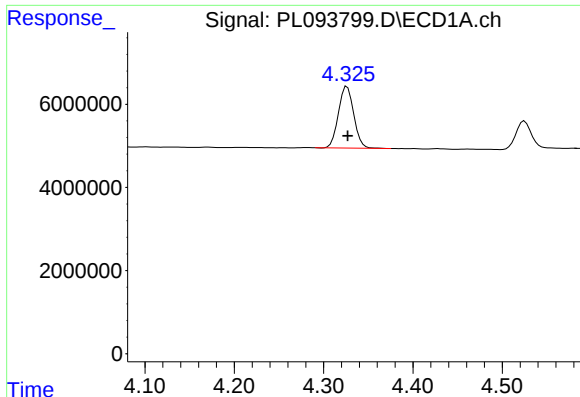
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 17611249
Conc: 4.59 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 18423143
Conc: 3.77 ng/ml



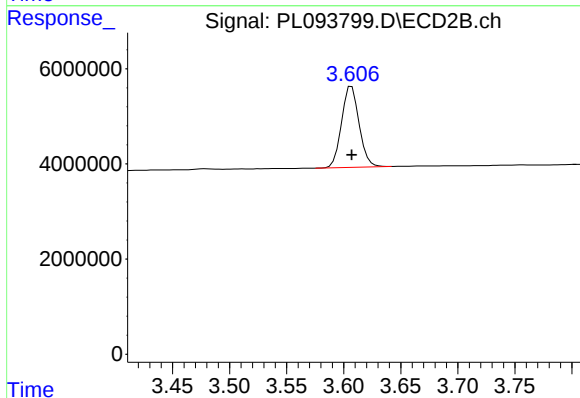
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 17653425
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

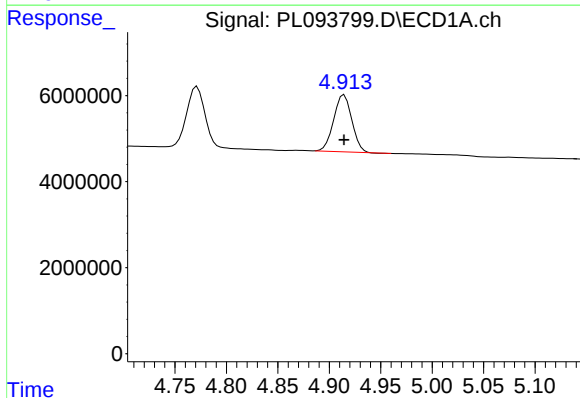
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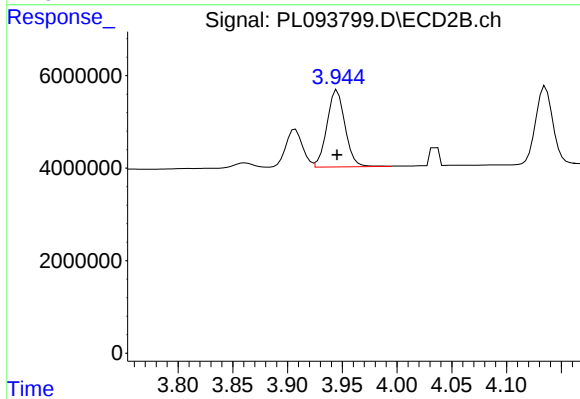
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 18208603
Conc: 3.84 ng/ml



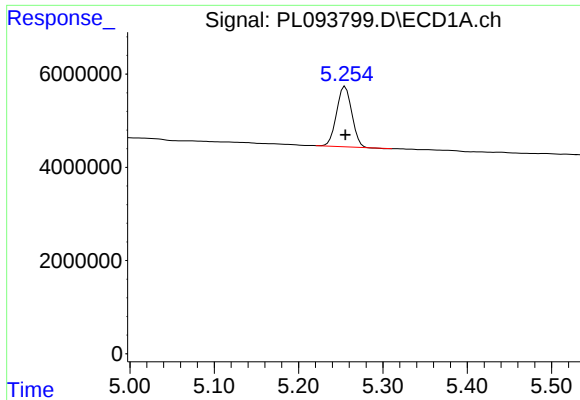
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 16198246
Conc: 4.94 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 19082012
Conc: 4.10 ng/ml



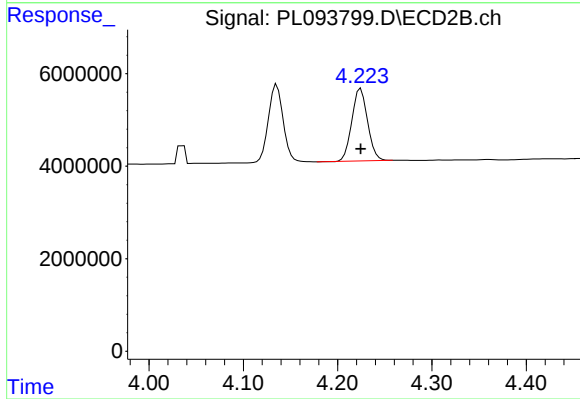
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 16136335
Conc: 4.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

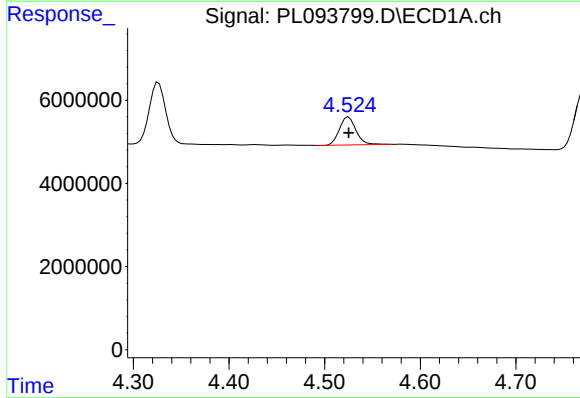
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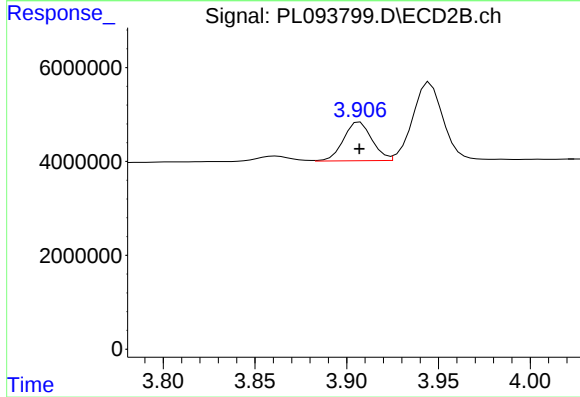
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 18098713
Conc: 3.97 ng/ml



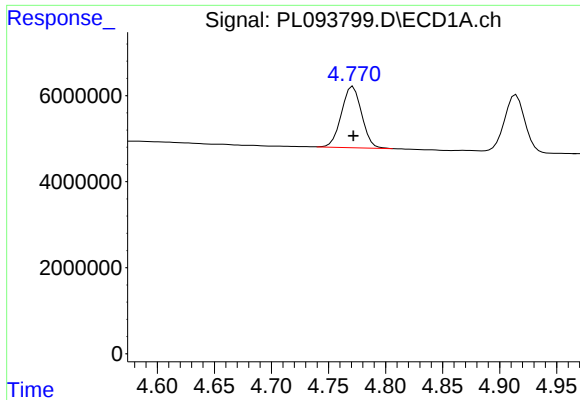
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 8161816
Conc: 5.08 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 8891320
Conc: 4.45 ng/ml



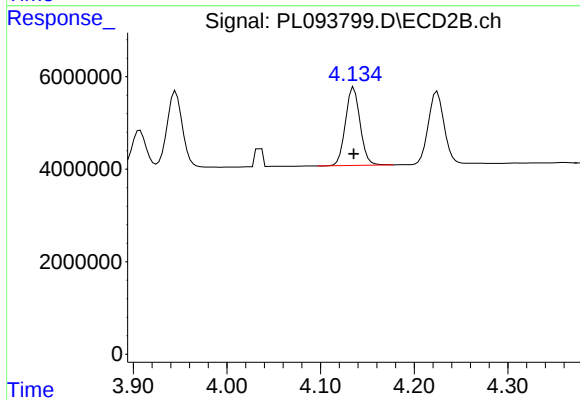
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 17577586
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

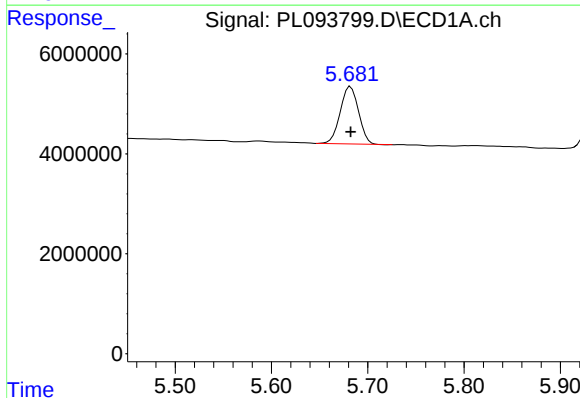
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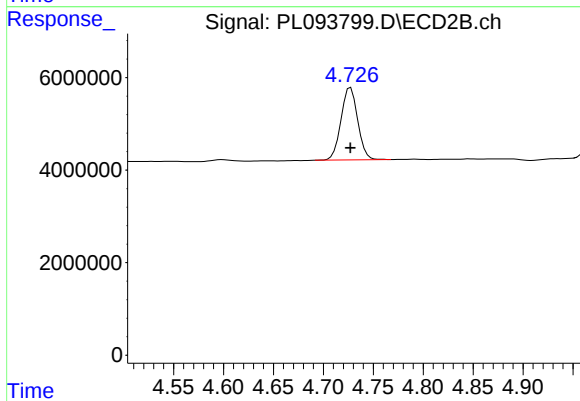
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 18365750
Conc: 3.87 ng/ml



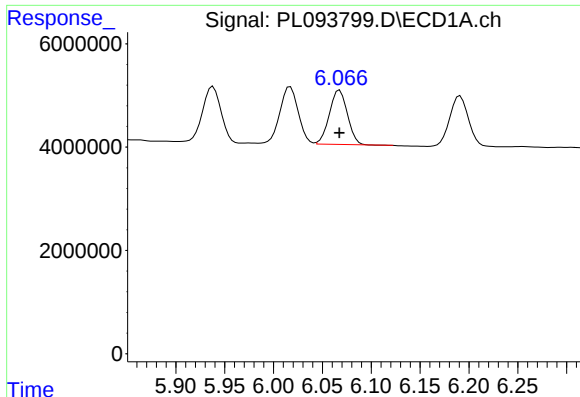
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 15126278
Conc: 5.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 18221370
Conc: 4.36 ng/ml



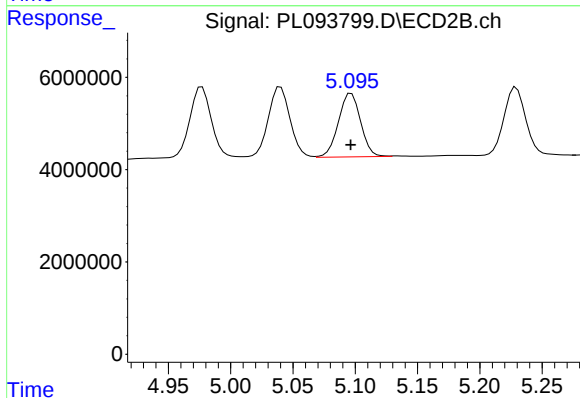
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 13474652
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

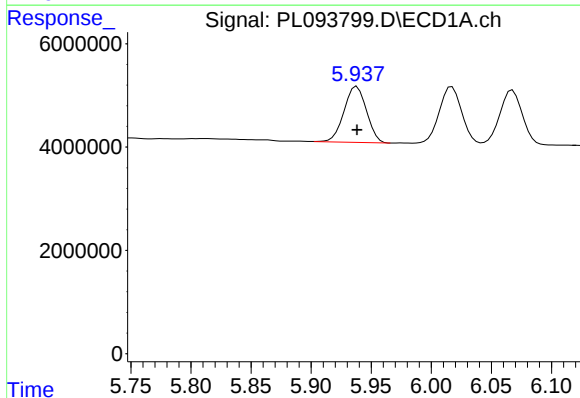
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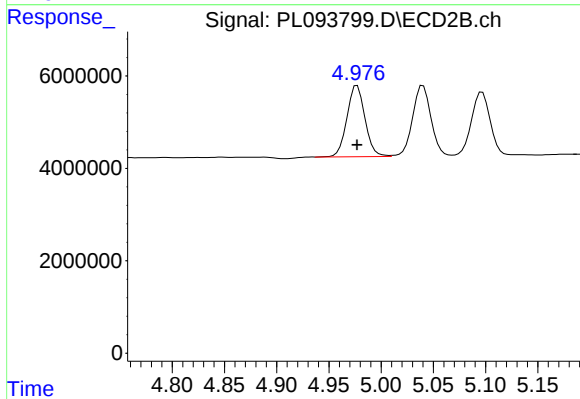
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 17104234
Conc: 4.41 ng/ml



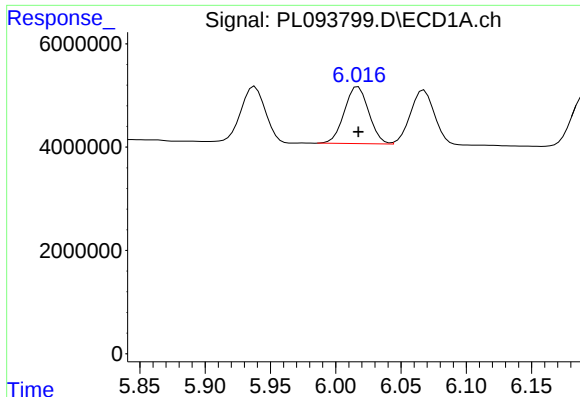
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 14156291
Conc: 5.08 ng/ml m



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 18514408
Conc: 4.37 ng/ml m



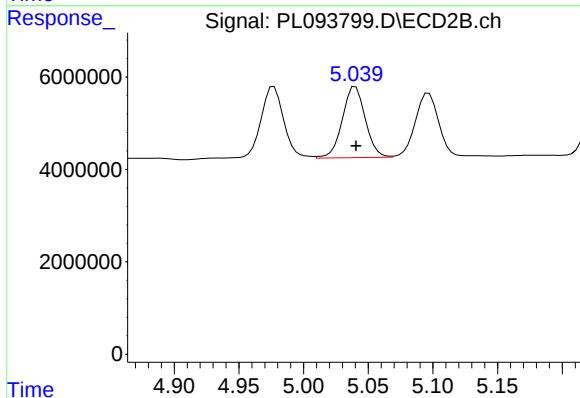
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 14387316
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

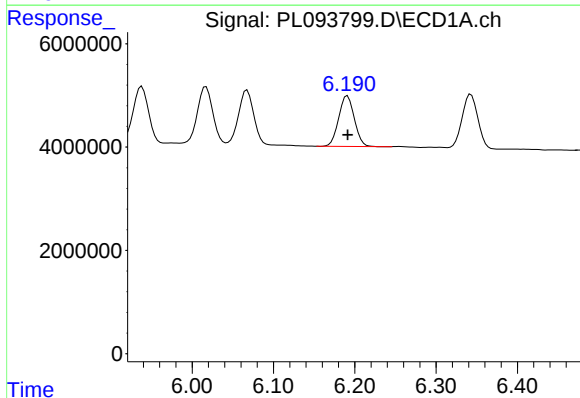
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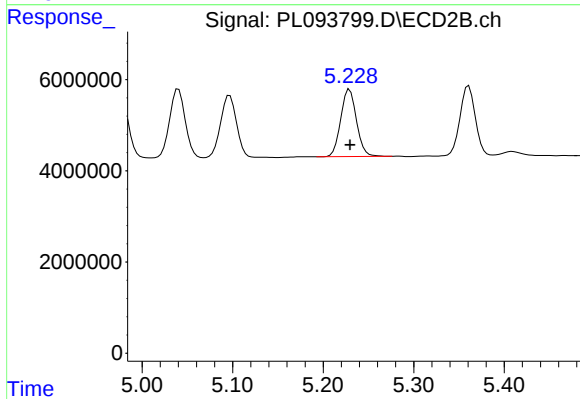
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 18974124
Conc: 4.53 ng/ml



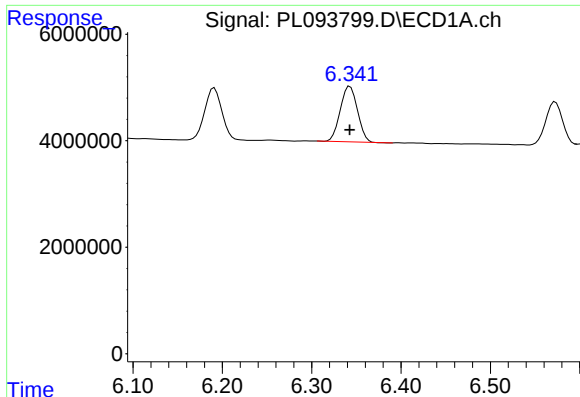
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 13030742
Conc: 5.35 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 17837021
Conc: 4.45 ng/ml



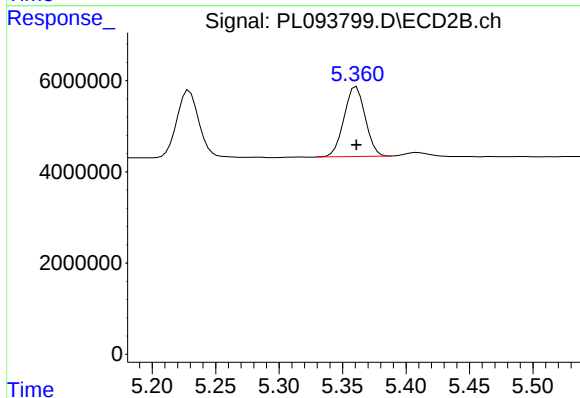
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 13828393
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

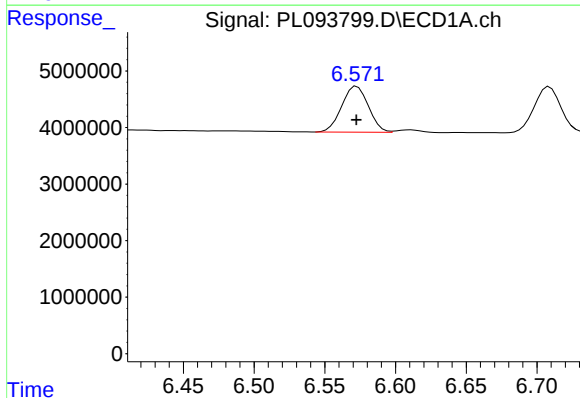
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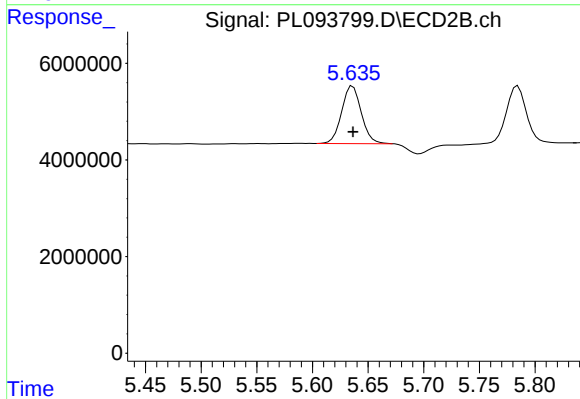
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 17787547
Conc: 4.14 ng/ml



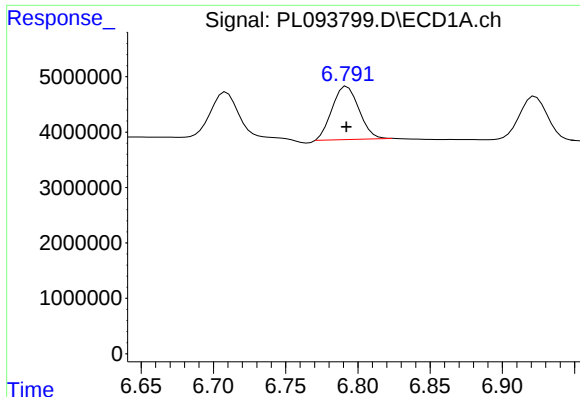
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 10740901
Conc: 4.58 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 14629359
Conc: 3.96 ng/ml m



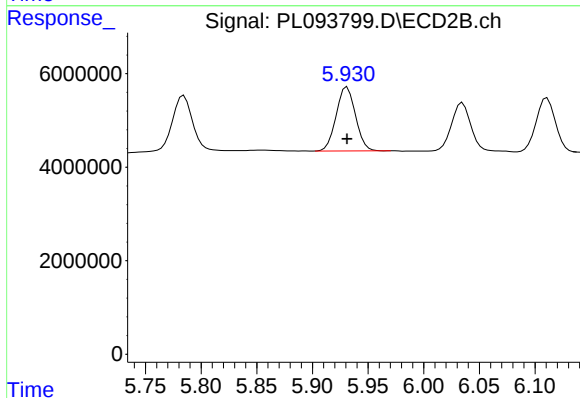
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 12446766
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

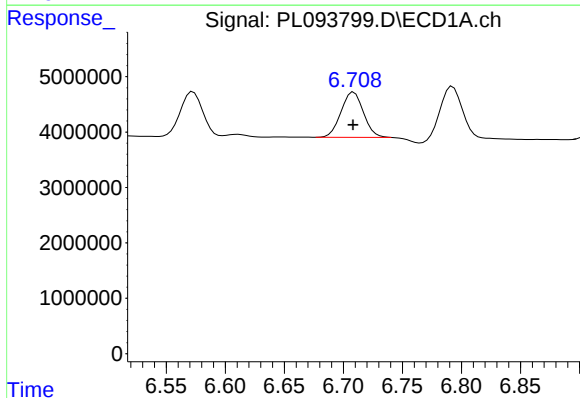
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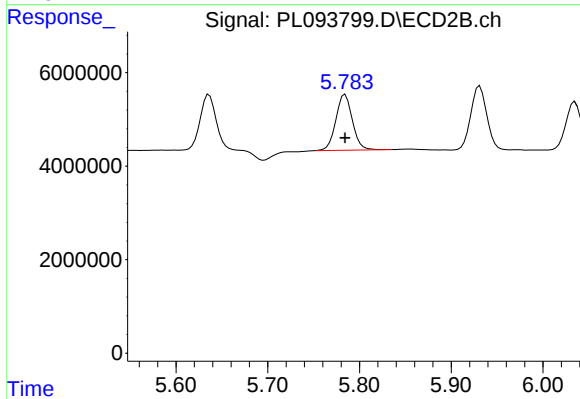
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 16526403
Conc: 4.46 ng/ml



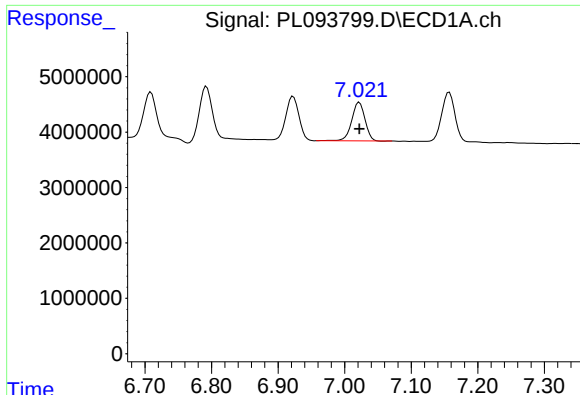
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 10810871
Conc: 5.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 14961140
Conc: 4.74 ng/ml



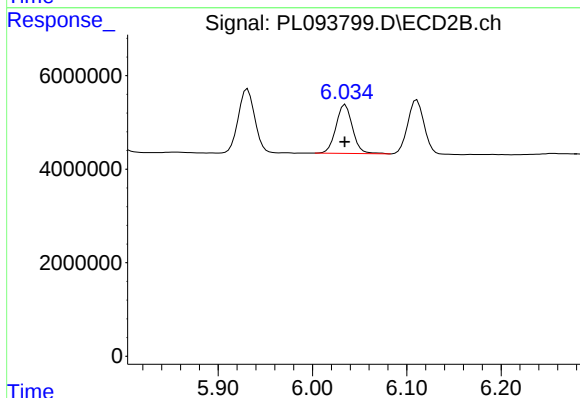
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 9693814
Conc: 4.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

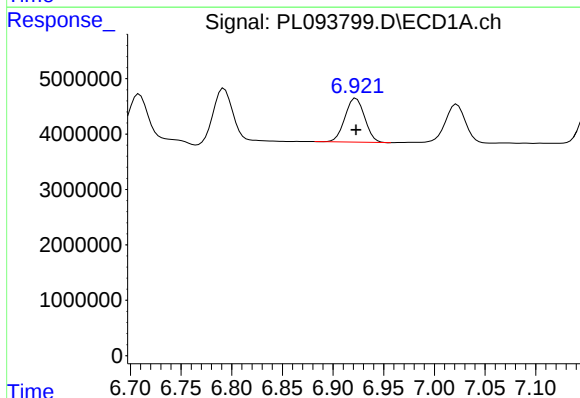
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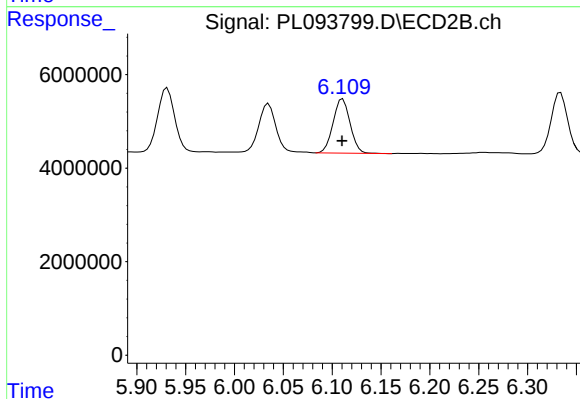
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 12742212
Conc: 3.92 ng/ml



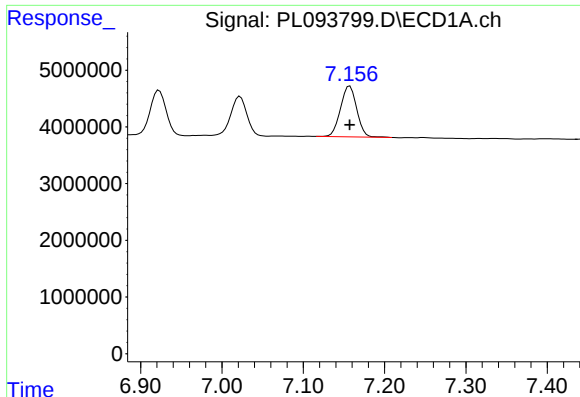
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 10740885
Conc: 5.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 14062958
Conc: 4.62 ng/ml



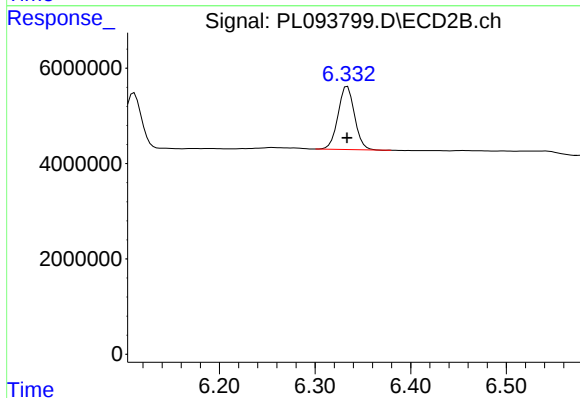
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 12412123
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

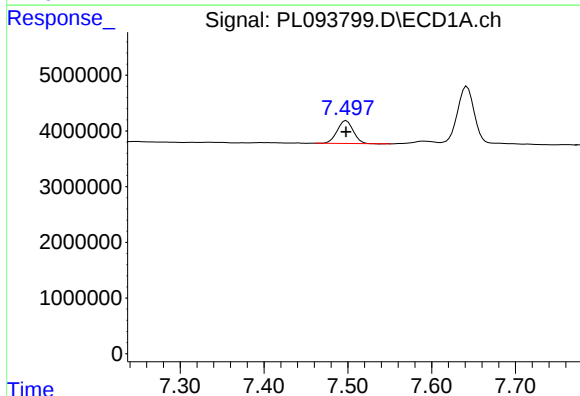
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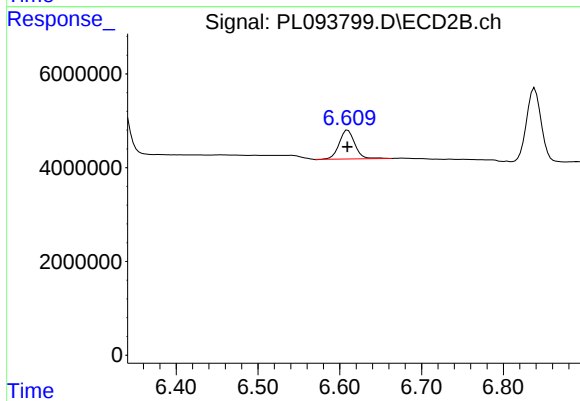
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 15816819
Conc: 4.44 ng/ml



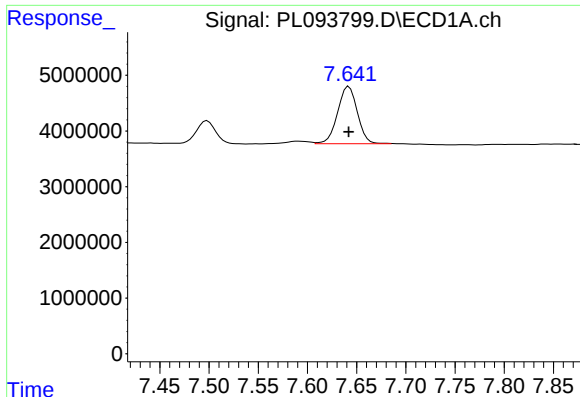
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 5391970
Conc: 5.17 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 8156332
Conc: 4.56 ng/ml



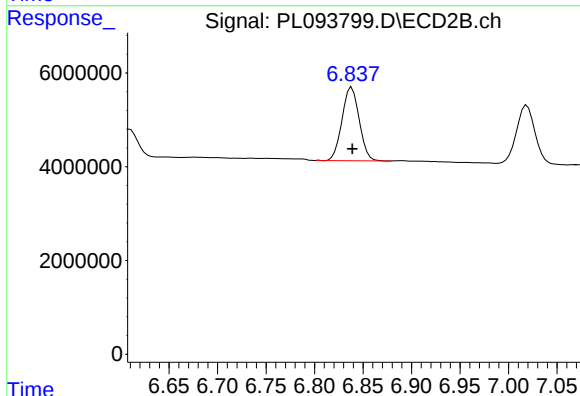
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.001 min
Response: 14361036
Conc: 5.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2025

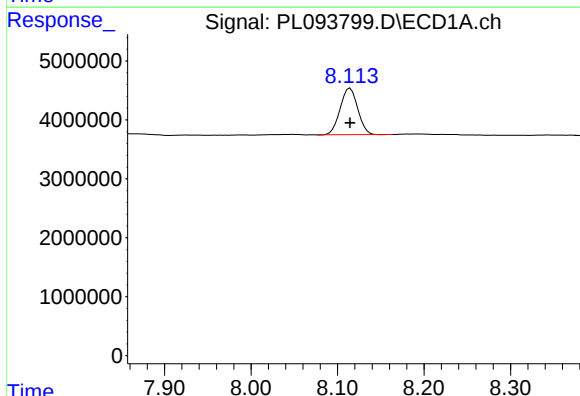
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/27/2025
Supervised By :Ankita Jodhani 01/27/2025



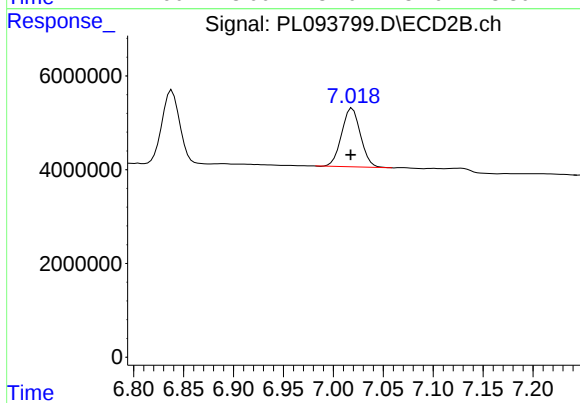
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 19331155
Conc: 4.61 ng/ml



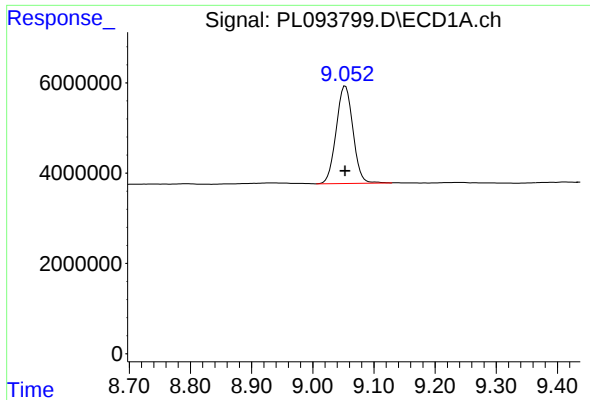
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 11051239
Conc: 5.31 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 16430345
Conc: 4.86 ng/ml



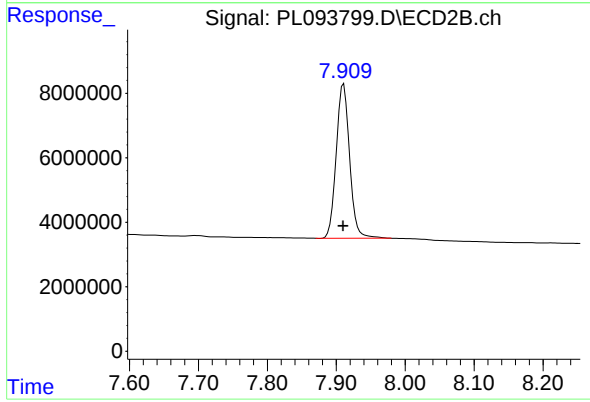
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 41135737
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 64716395
Conc: 18.47 ng/ml