

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 16:20
 Operator : AR\AJ
 Sample : Q1168-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-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 22:56:23 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	2.775	46299143	52956602	17.194	16.224
28)	SA Decachlor...	9.054	7.910	39003672	61473485	18.645	17.543
Target Compounds							
2)	A alpha-BHC	3.993	3.277	9335321	9068042	2.435	1.855
3)	MA gamma-BHC...	4.326	3.606	9084283	8836530	2.467	1.864
4)	MA Heptachlor	4.914	3.945	8356580	9219177	2.550	1.981
5)	MB Aldrin	5.255	4.224	8383266	9311562	2.562	2.041
6)	B beta-BHC	4.525	3.907	4127862	4435866	2.568	2.221
7)	B delta-BHC	4.769	4.135	9135204	9137325	2.606m	1.923 #
8)	B Heptachlo...	5.682	4.727	7563679	9065428	2.543	2.169
9)	A Endosulfan I	6.066	5.097	7152333	8591767	2.706m	2.216
10)	B gamma-Chl...	5.937	4.977	7586933	9578337	2.722m	2.260
11)	B alpha-Chl...	6.017	5.040	7689194	9522765	2.758	2.275
12)	B 4,4'-DDE	6.191	5.229	6914052	8780622	2.840	2.190
13)	MA Dieldrin	6.342	5.361	7577317	8722425	2.730	2.031 #
14)	MA Endrin	6.572	5.635	5404540	6913098	2.305	1.872m
15)	B Endosulfa...	6.793	5.930	6990367	7993227	2.901	2.158m#
16)	A 4,4'-DDD	6.709	5.784	5916360	7384033	3.113	2.339
17)	MA 4,4'-DDT	7.021	6.034	5241467	6126342	2.658m	1.883 #
18)	B Endrin al...	6.922	6.110	5653984	7185790	2.908m	2.360
19)	B Endosulfa...	7.157	6.333	6622477	8189998	2.925	2.297
20)	A Methoxychlor	7.499	6.608	2719185	3795934	2.606	2.123m
21)	B Endrin ke...	7.643	6.838	7279080	9606358	2.886	2.290
22)	Mirex	8.116	7.019	6112716	8317935	2.935	2.460

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 16:20
Operator : AR\AJ
Sample : Q1168-01
Misc : PEST LOD 2.5PPB
ALS Vial : 16 Sample Multiplier: 1

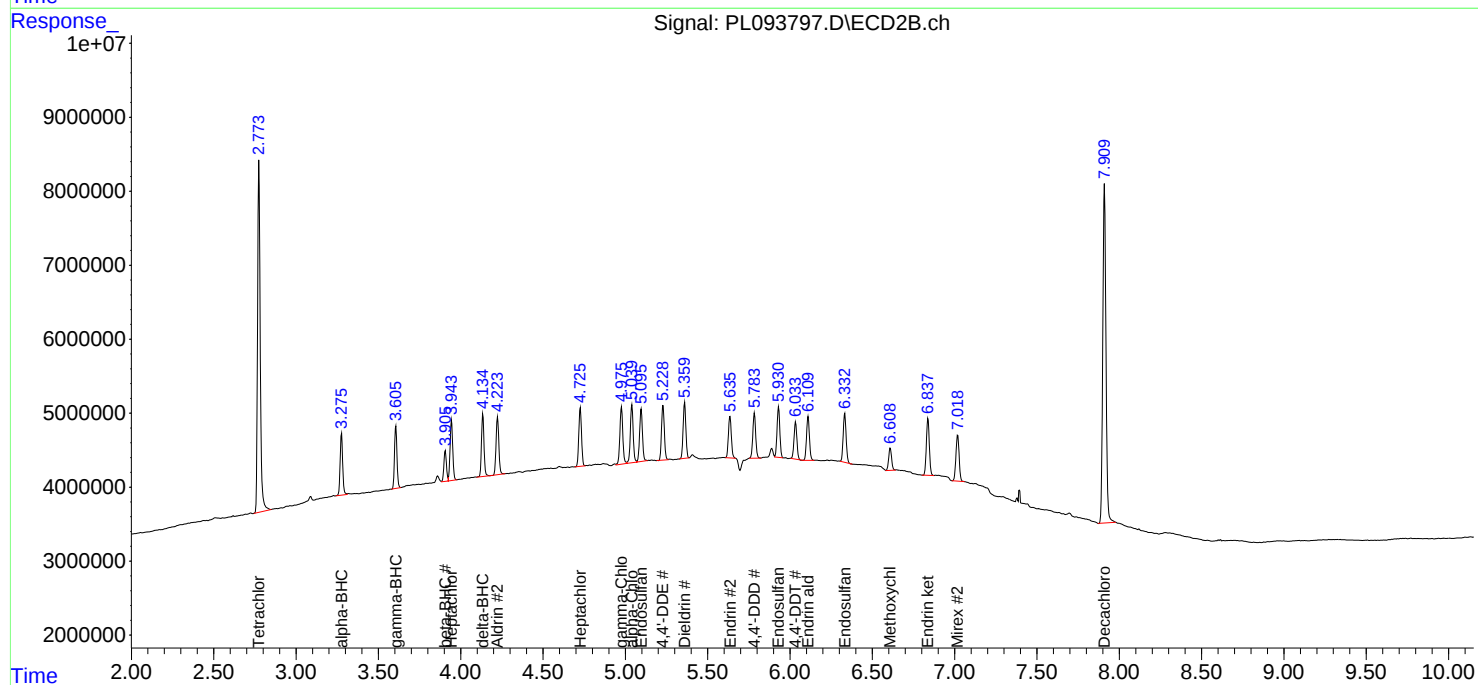
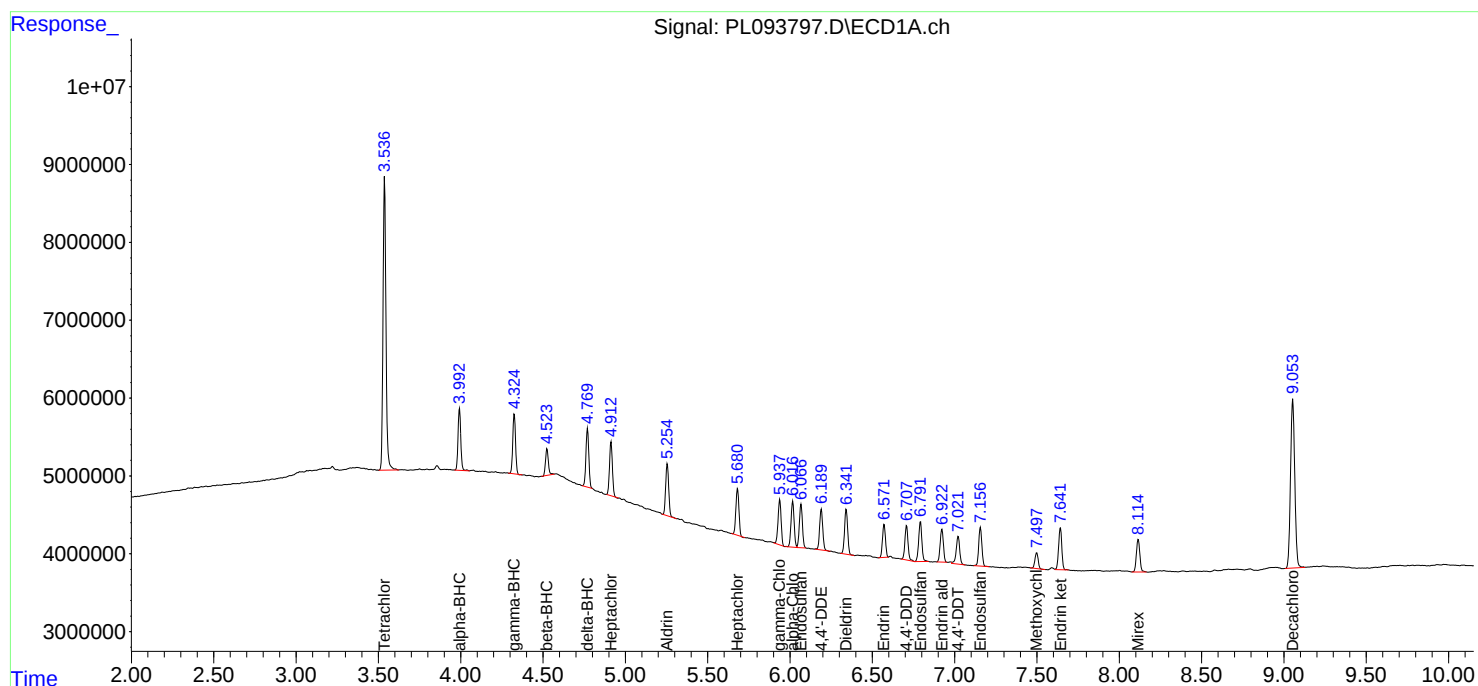
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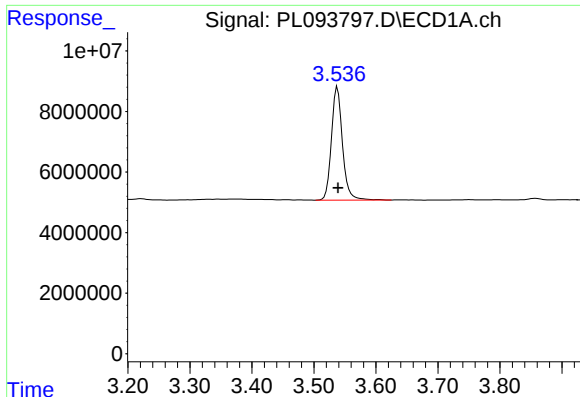
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:56:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





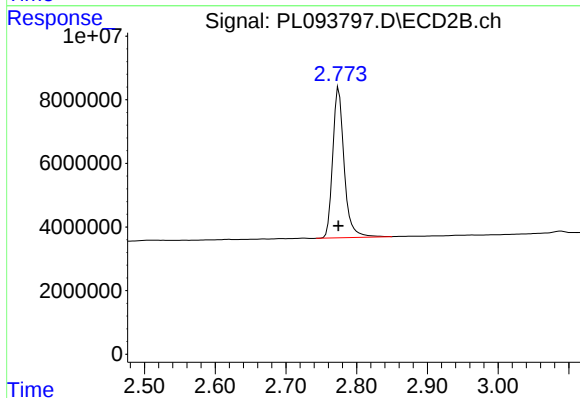
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 46299143
Conc: 17.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

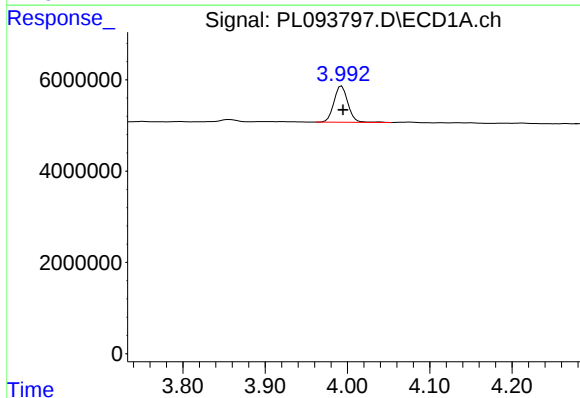
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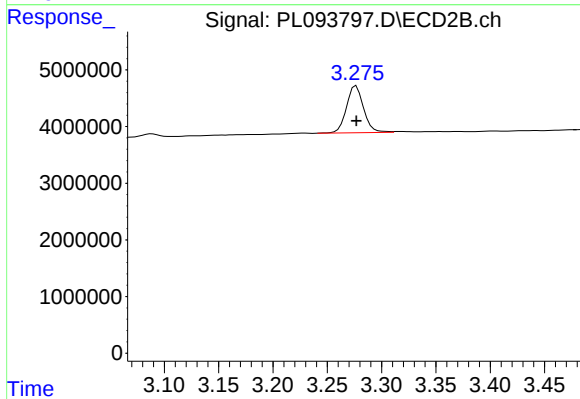
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 52956602
Conc: 16.22 ng/ml



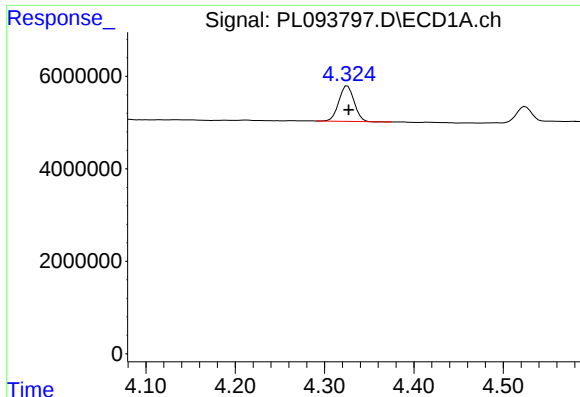
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 9335321
Conc: 2.43 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 9068042
Conc: 1.85 ng/ml



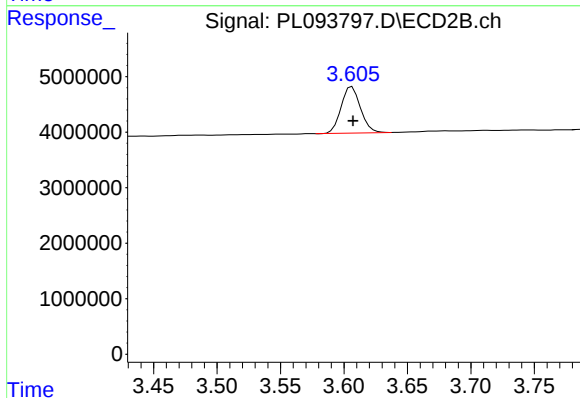
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 9084283
Conc: 2.47 ng/ml

Instrument :
ECD_L
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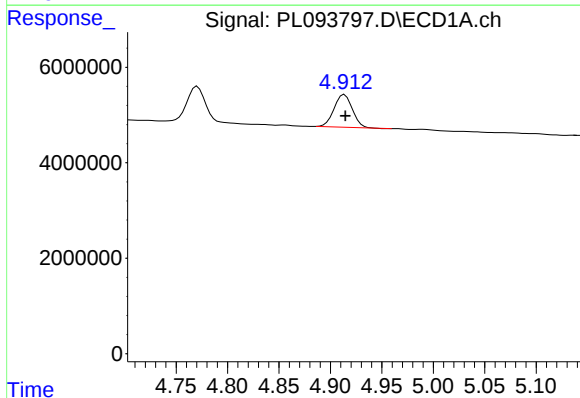
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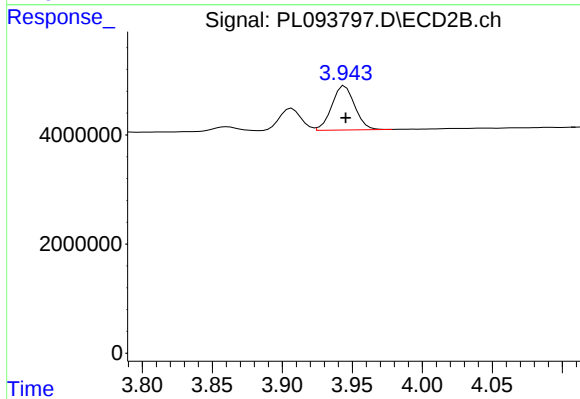
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 8836530
Conc: 1.86 ng/ml



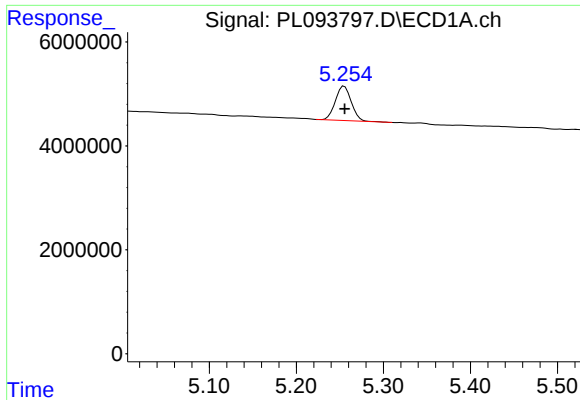
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 8356580
Conc: 2.55 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 9219177
Conc: 1.98 ng/ml



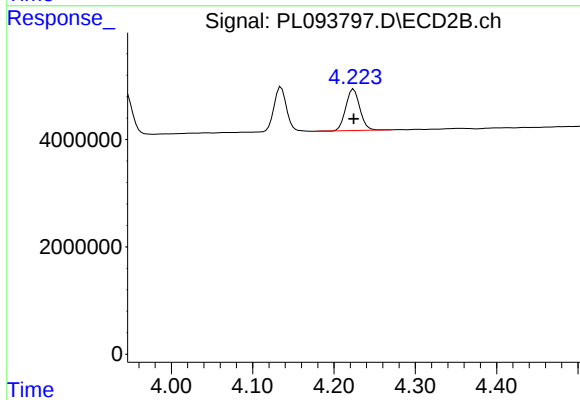
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 8383266
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

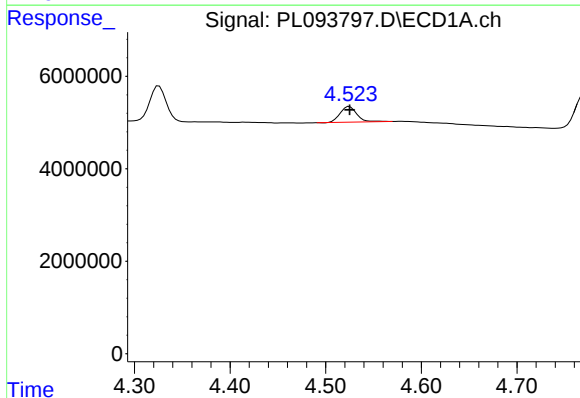
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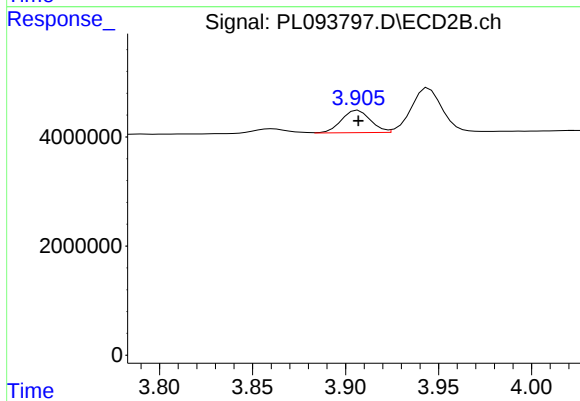
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 9311562
Conc: 2.04 ng/ml



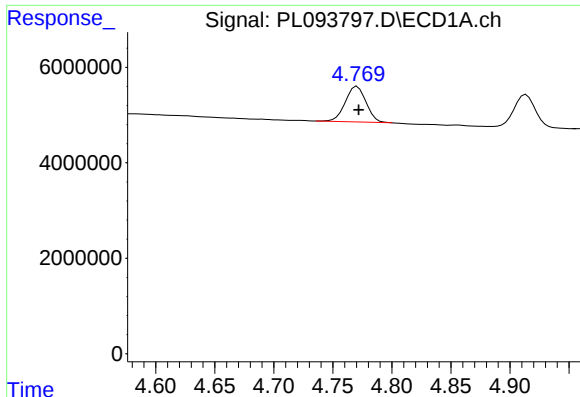
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 4127862
Conc: 2.57 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 4435866
Conc: 2.22 ng/ml



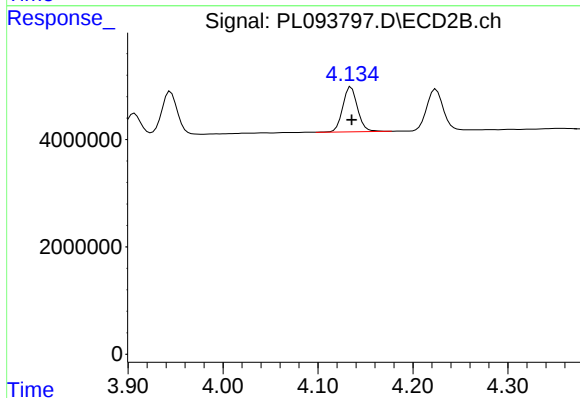
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 9135204
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

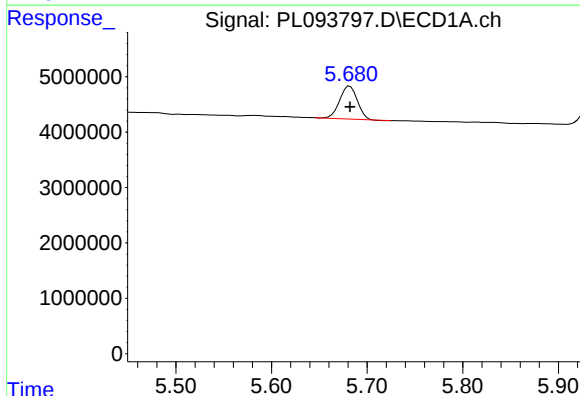
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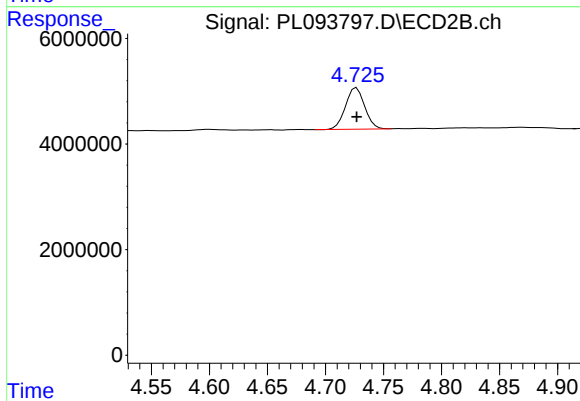
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 9137325
Conc: 1.92 ng/ml



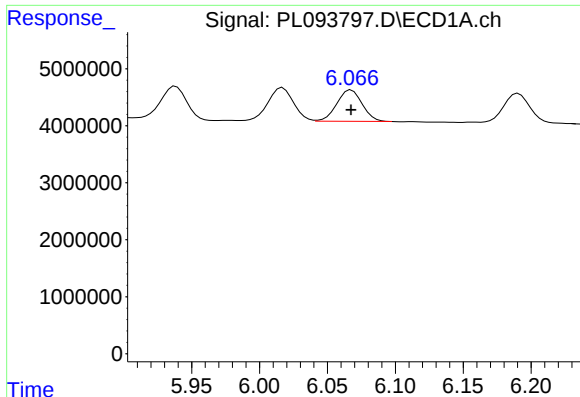
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 7563679
Conc: 2.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 9065428
Conc: 2.17 ng/ml



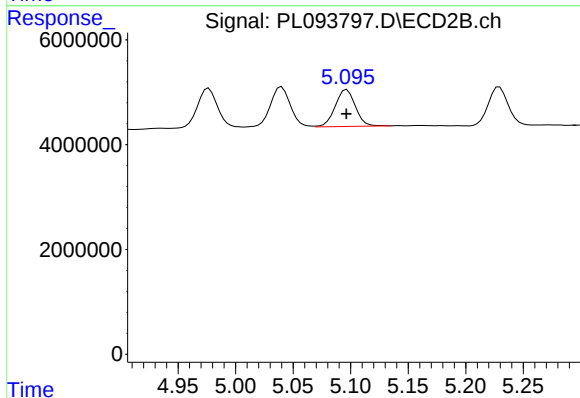
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 7152333
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

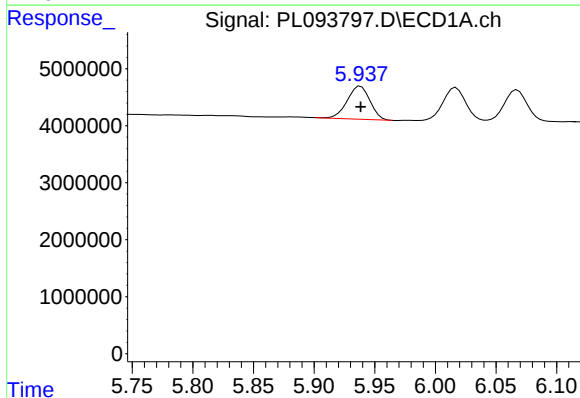
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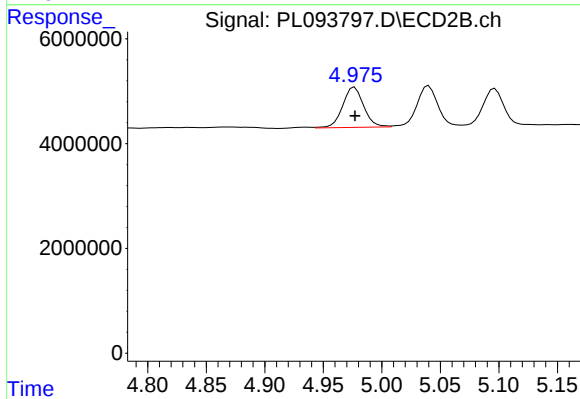
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 8591767
Conc: 2.22 ng/ml



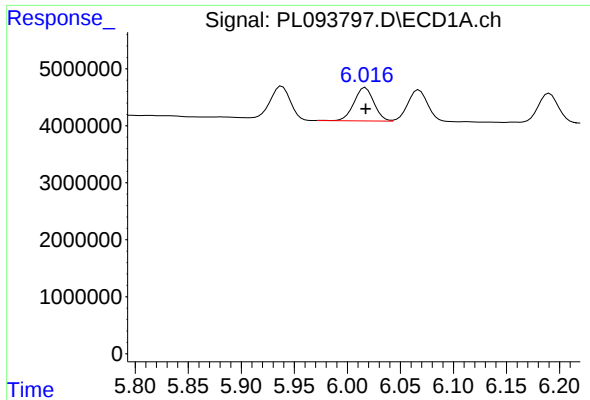
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 7586933
Conc: 2.72 ng/ml m



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 9578337
Conc: 2.26 ng/ml



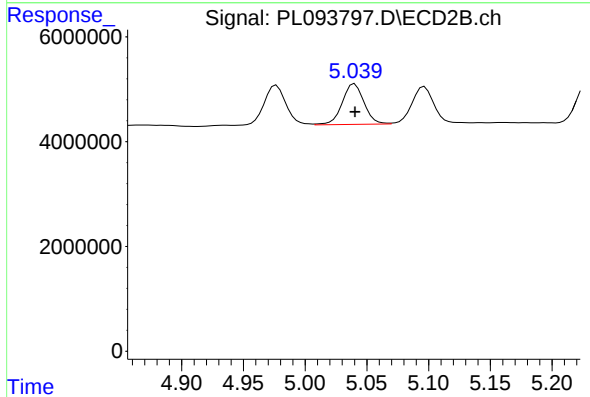
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 7689194
Conc: 2.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
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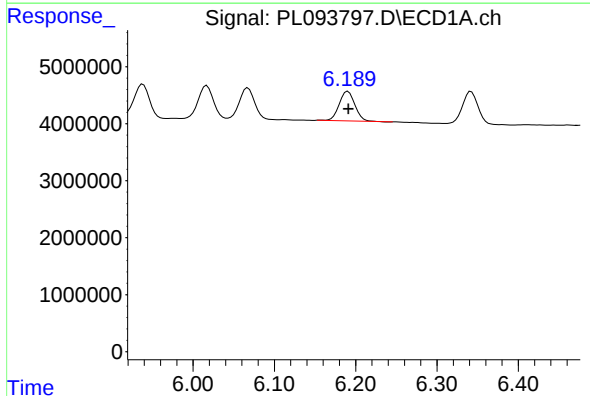
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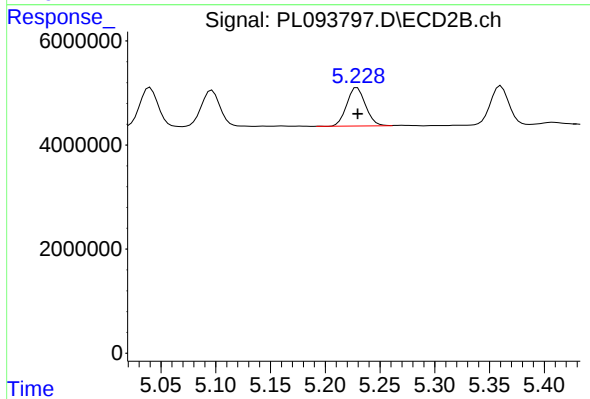
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 9522765
Conc: 2.27 ng/ml



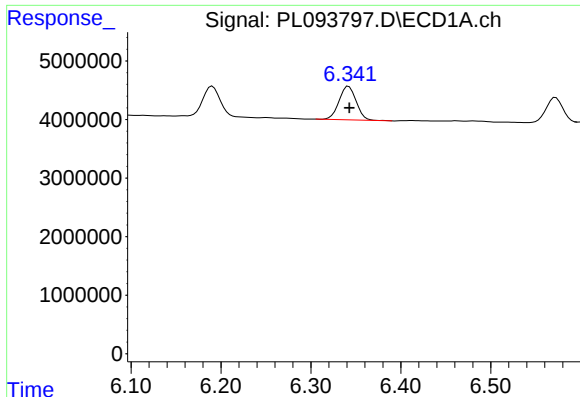
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 6914052
Conc: 2.84 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 8780622
Conc: 2.19 ng/ml



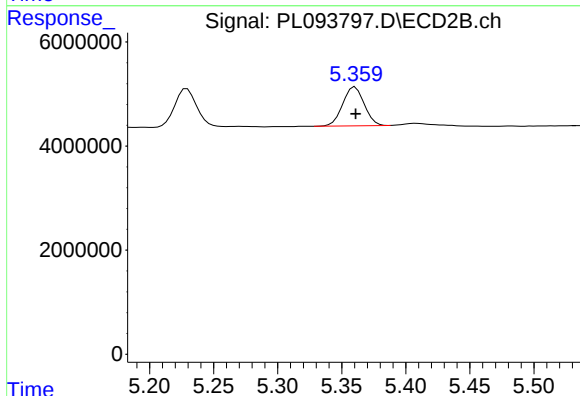
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 7577317
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

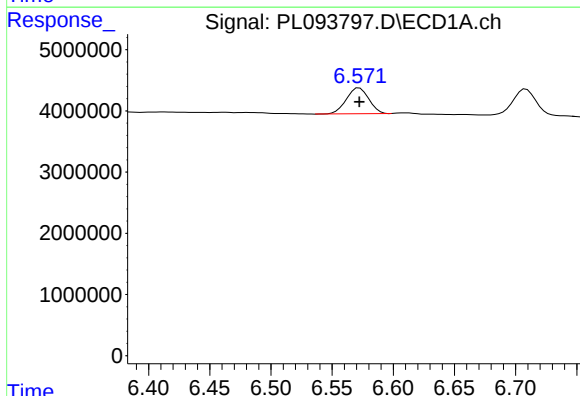
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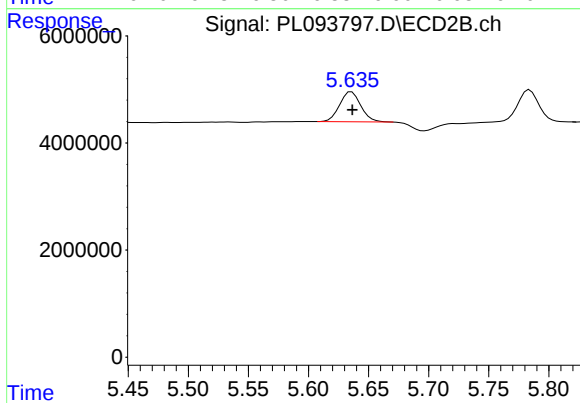
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 8722425
Conc: 2.03 ng/ml



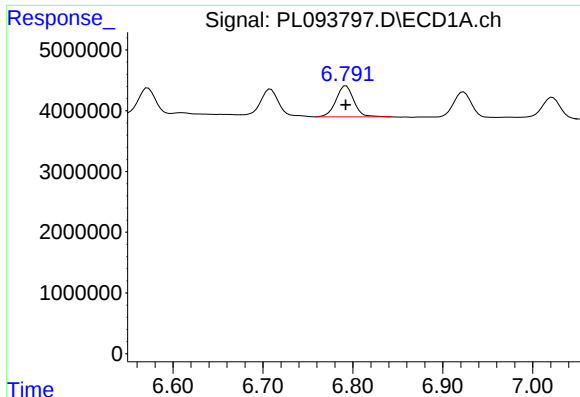
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 5404540
Conc: 2.30 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 6913098
Conc: 1.87 ng/ml m



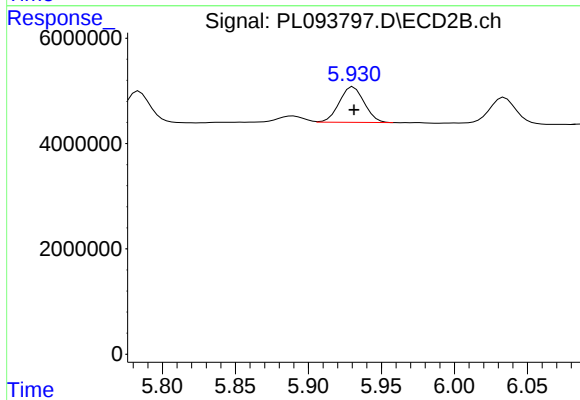
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 6990367
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
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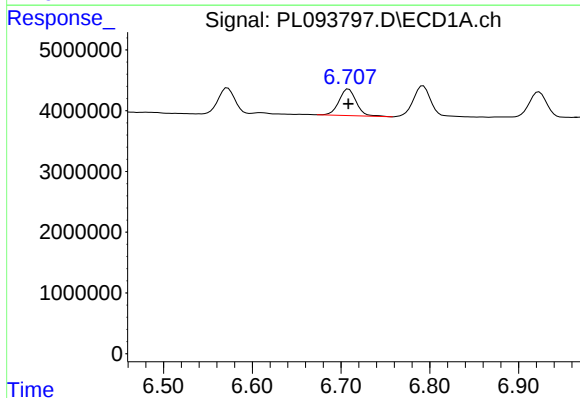
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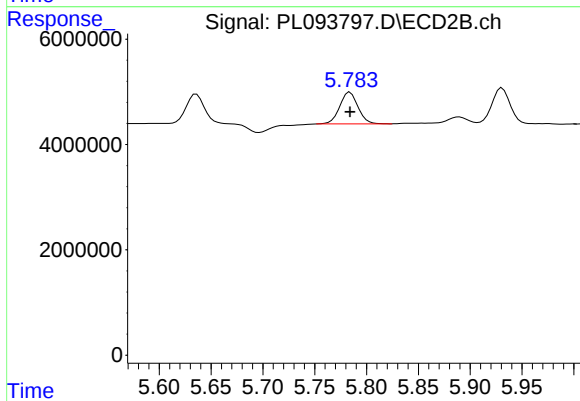
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 7993227
Conc: 2.16 ng/ml m



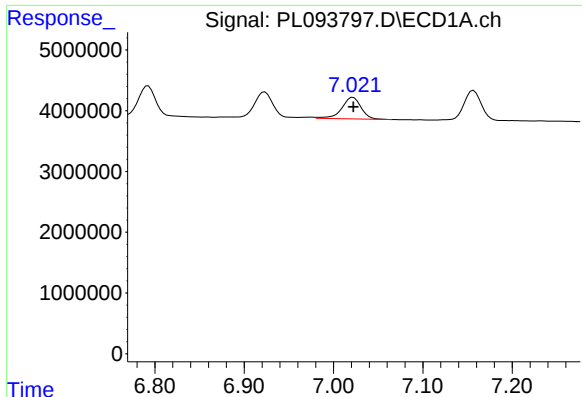
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 5916360
Conc: 3.11 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 7384033
Conc: 2.34 ng/ml



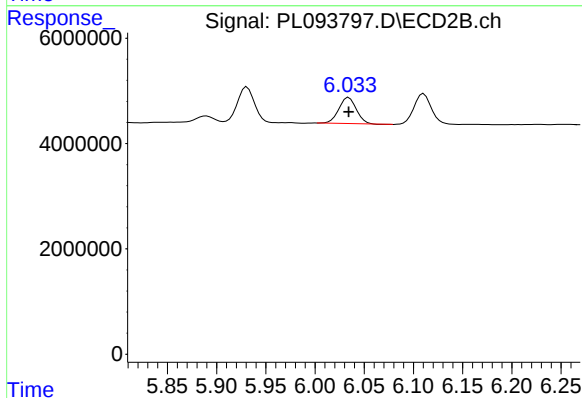
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 5241467
Conc: 2.66 ng/ml

Instrument :
ECD_L
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LOD-MDL-SOIL-01-QT1-2025

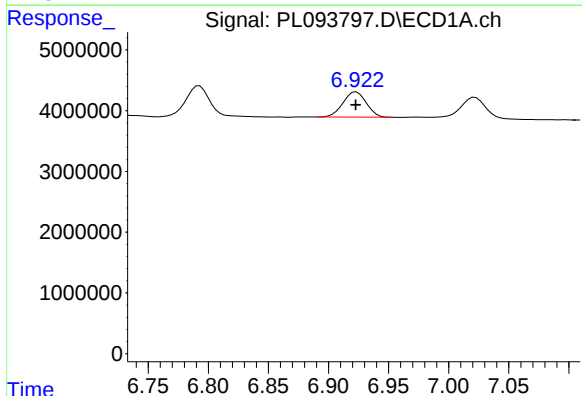
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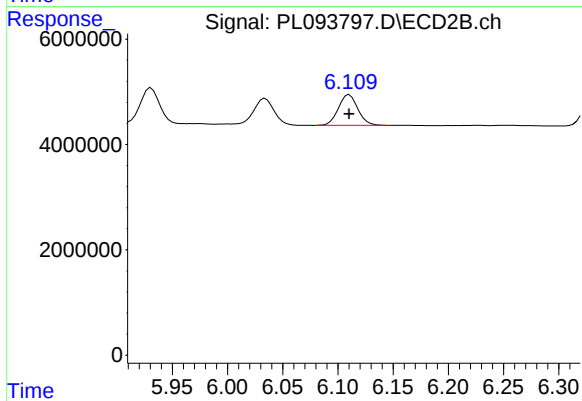
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 6126342
Conc: 1.88 ng/ml



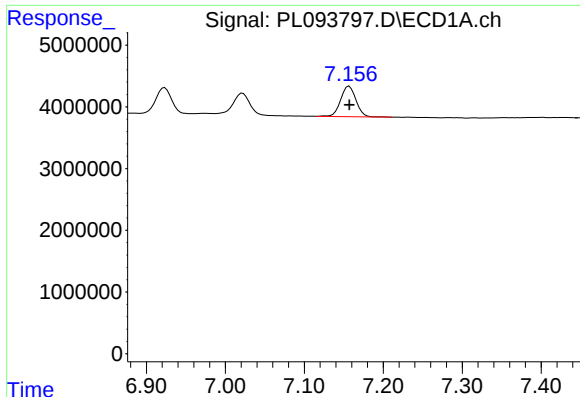
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 5653984
Conc: 2.91 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 7185790
Conc: 2.36 ng/ml



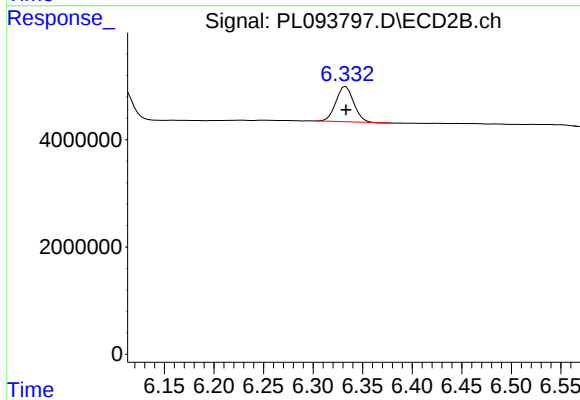
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 6622477
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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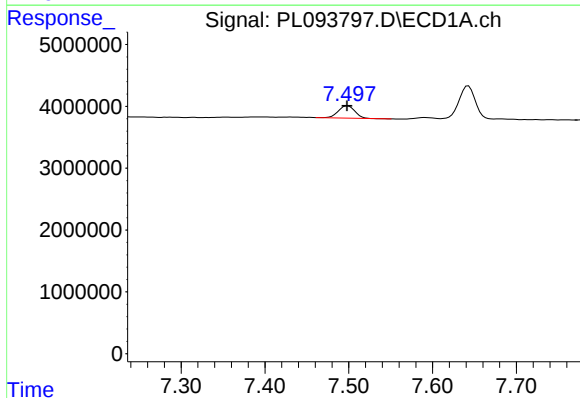
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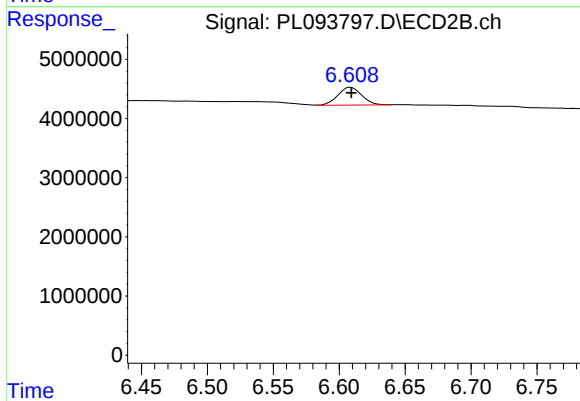
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 8189998
Conc: 2.30 ng/ml



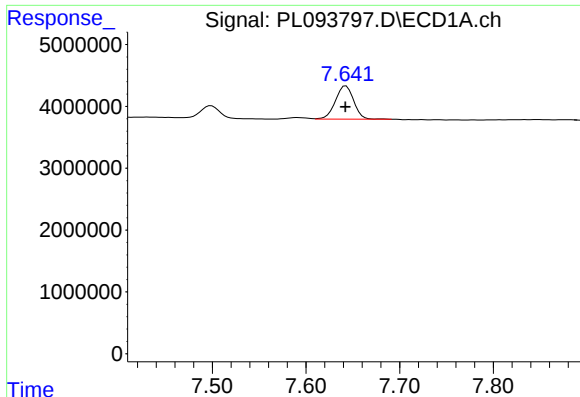
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 2719185
Conc: 2.61 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 3795934
Conc: 2.12 ng/ml m



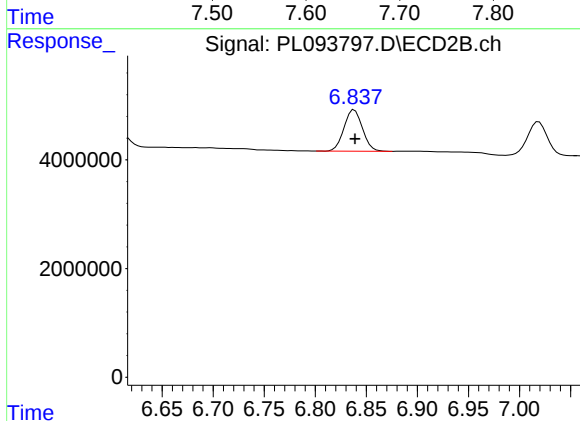
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 7279080
Conc: 2.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

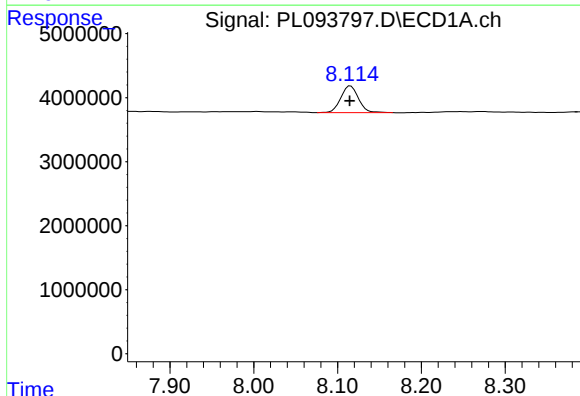
Manual Integrations
APPROVED

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



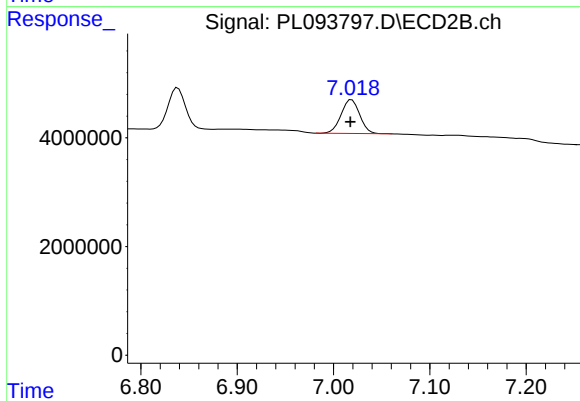
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 9606358
Conc: 2.29 ng/ml



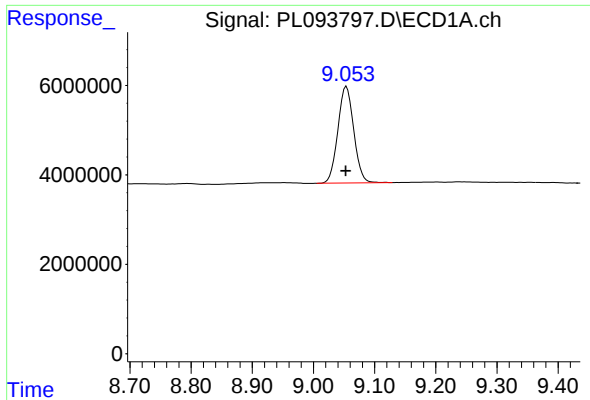
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 6112716
Conc: 2.94 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 8317935
Conc: 2.46 ng/ml



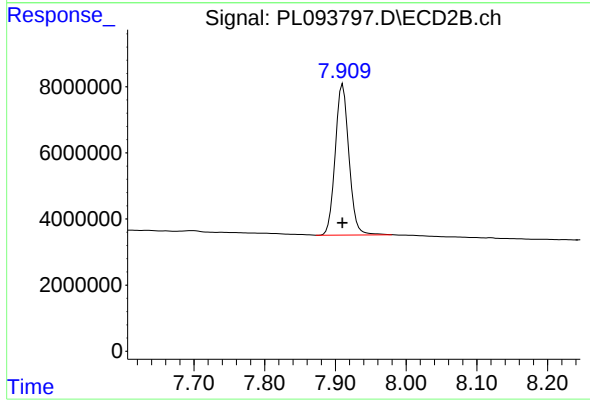
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 39003672
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 01/27/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 61473485
Conc: 17.54 ng/ml