

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
 Data File : PL097844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 17:52
 Operator : AR\AJ
 Sample : Q3530-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:11:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.498	2.800	114.0E6	157.4E6	22.591	22.533
2)	SA Decachlor...	8.958	7.950	83526086	153.5E6	21.984m	23.341
Target Compounds							
2)	A alpha-BHC	3.944	3.302	22868522	29275434	2.704	2.552
3)	MA gamma-BHC...	4.272	3.633	19898202	28534948	2.482	2.653
4)	MA Heptachlor	4.862	3.978	20521240	28129583	2.577	2.706
5)	MB Aldrin	5.200	4.260	19891787	28900770	2.746	2.922
6)	B beta-BHC	4.461	3.928	9558100	13289087	2.855	2.866m
7)	B delta-BHC	4.705	4.160	21345811	27920101	2.756m	2.612
8)	B Heptachlo...	5.619	4.760	18330200	26304331	2.755m	2.921
9)	A Endosulfan I	6.002	5.129	17475170	32790115	2.968	3.218m
10)	B gamma-Chl...	5.874	5.010	18565756	34458061	2.860	3.383m
11)	B alpha-Chl...	5.954	5.075	20584536	28686894	3.170	2.797m
12)	B 4,4'-DDE	6.126	5.265	14760107	23692229	2.513	2.689
13)	MA Dieldrin	6.274	5.393	16535303	25821755	2.695	2.756m
14)	MA Endrin	6.500	5.669	13426469	22715314	2.592	2.718
15)	B Endosulfa...	6.715	5.961	17761763	24999355	3.476	3.020
16)	A 4,4'-DDD	6.636	5.817	12294012	21417906	2.654	2.855
17)	MA 4,4'-DDT	6.948	6.069	14393703	18929721	3.005	2.468
18)	B Endrin al...	6.842	6.140	14677466	23687848	3.725m	3.710
19)	B Endosulfa...	7.075	6.363	15843418	23744555	3.196m	2.917
20)	A Methoxychlor	7.422	6.642	7334162	11976276	2.914	2.866
21)	B Endrin ke...	7.555	6.866	15465936	26841952	2.976	3.009
22)	Mirex	8.033	7.055	11760608	21990661	3.410	3.407

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
Data File : PL097844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 17:52
Operator : AR\AJ
Sample : Q3530-01
Misc : PEST LOD 2.5PPB
ALS Vial : 7 Sample Multiplier: 1

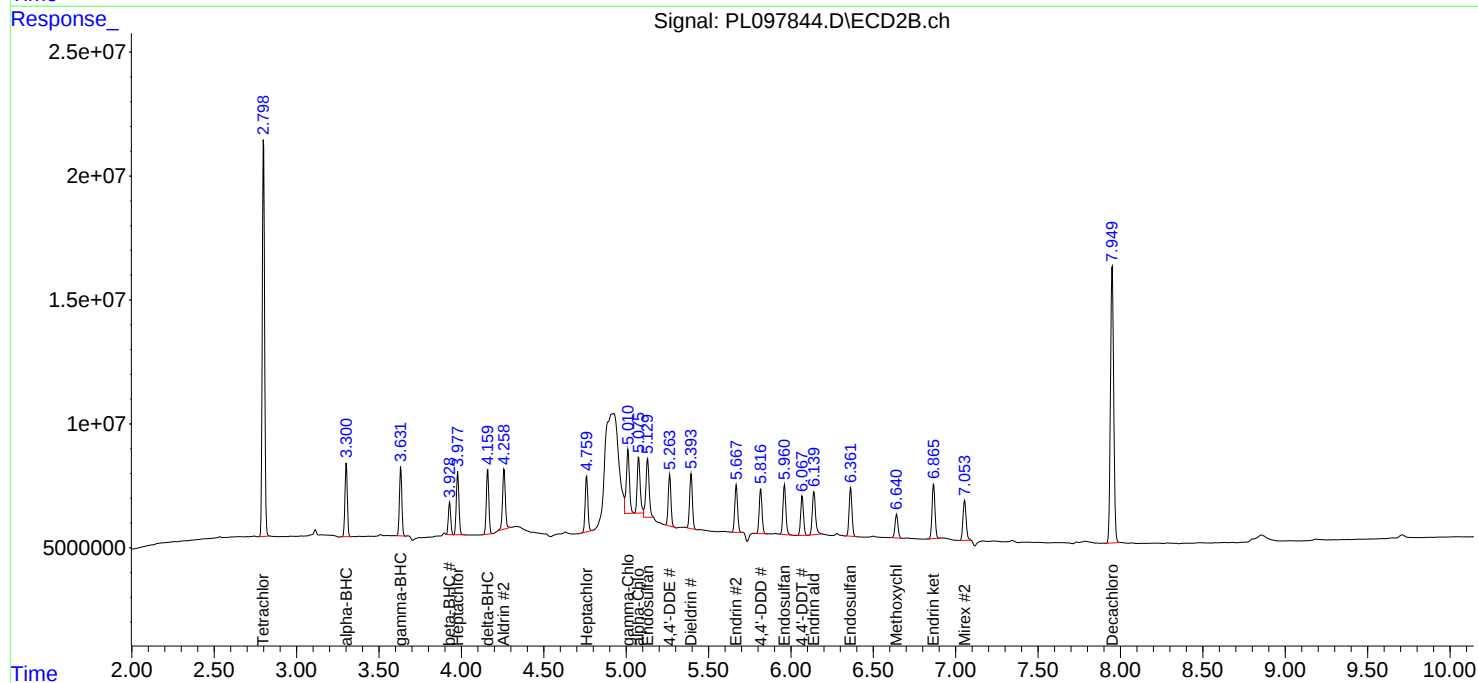
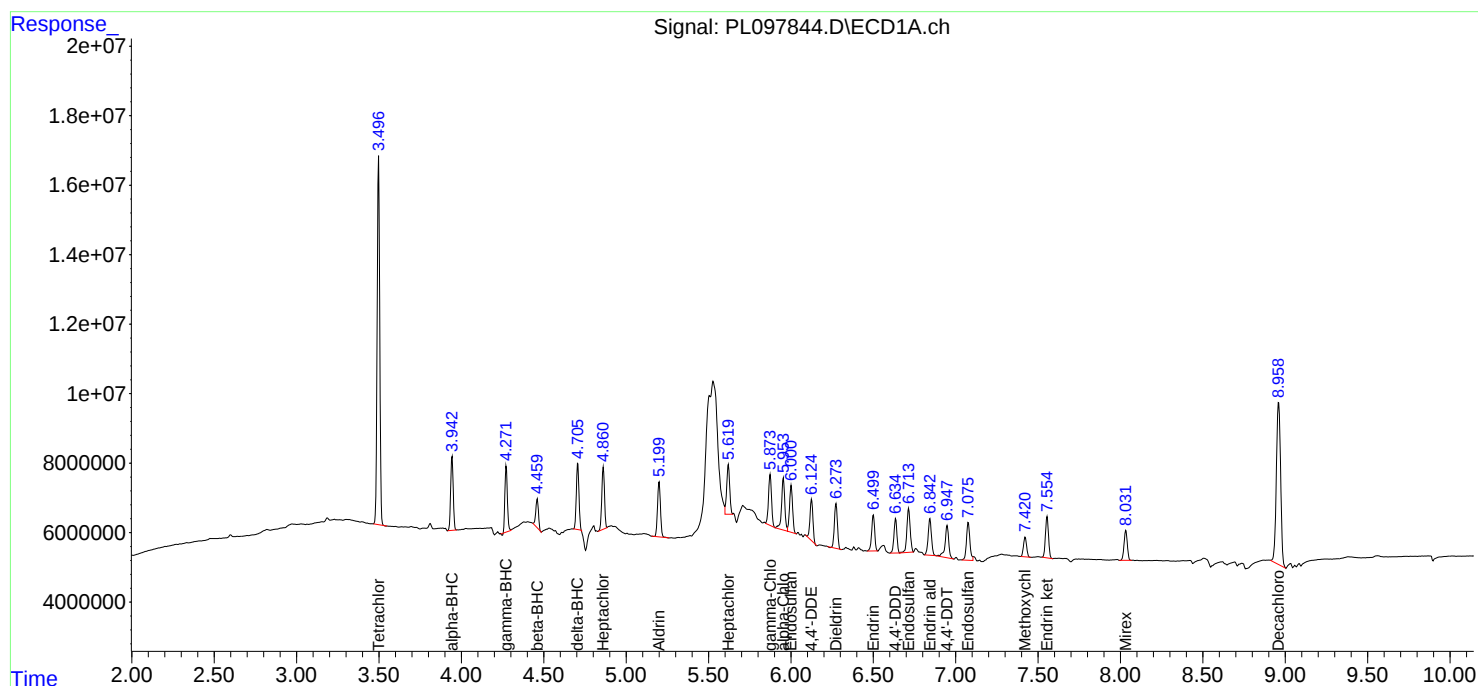
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

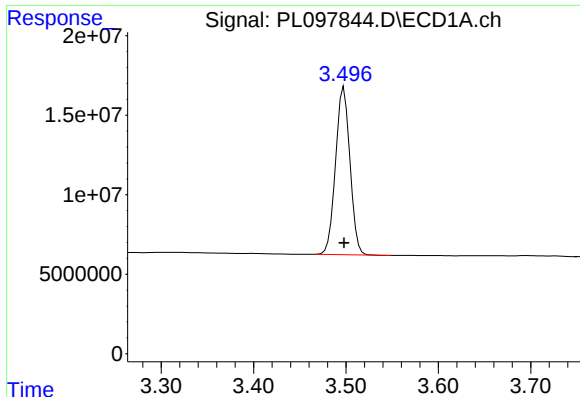
Manual Integrations
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Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:11:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





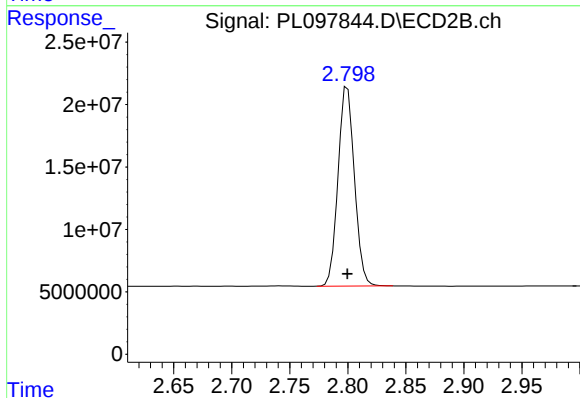
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 114013863
Conc: 22.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

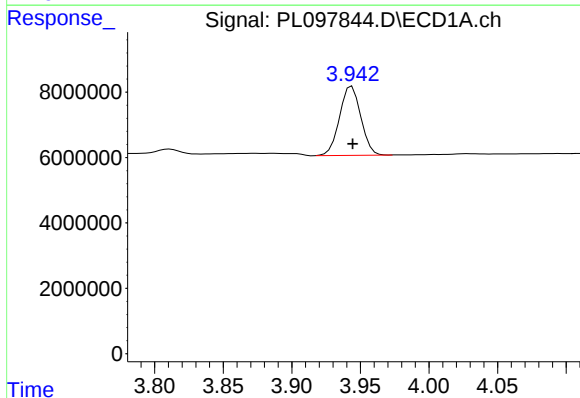
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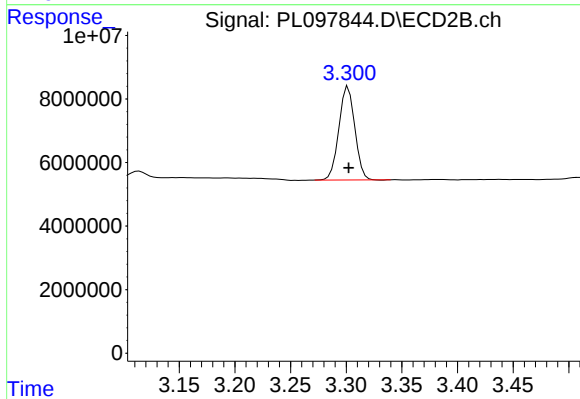
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 157400882
Conc: 22.53 ng/ml



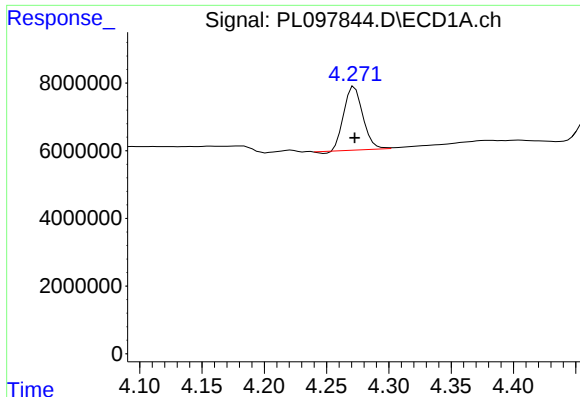
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 22868522
Conc: 2.70 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 29275434
Conc: 2.55 ng/ml



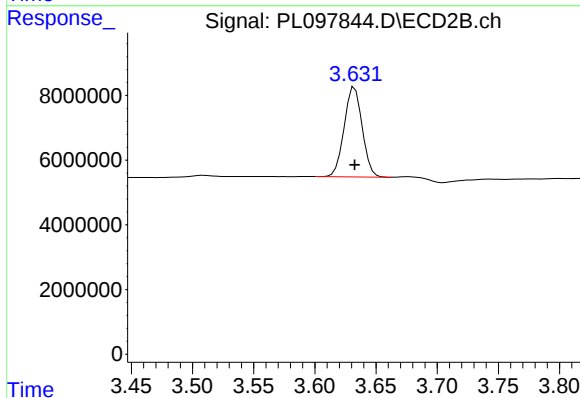
#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 19898202
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

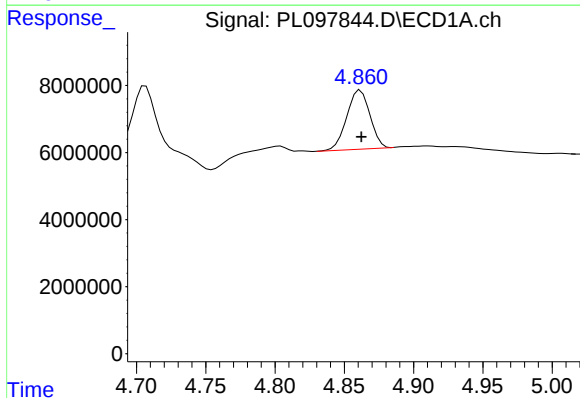
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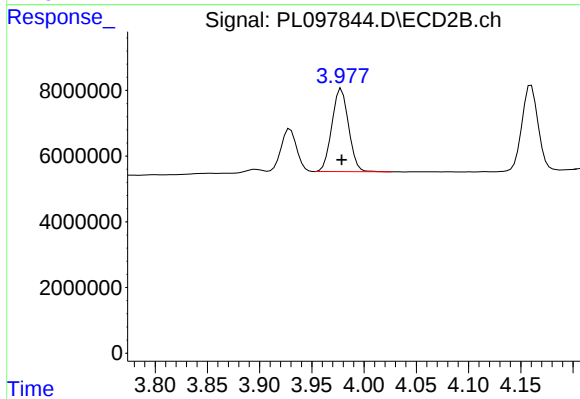
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 28534948
Conc: 2.65 ng/ml



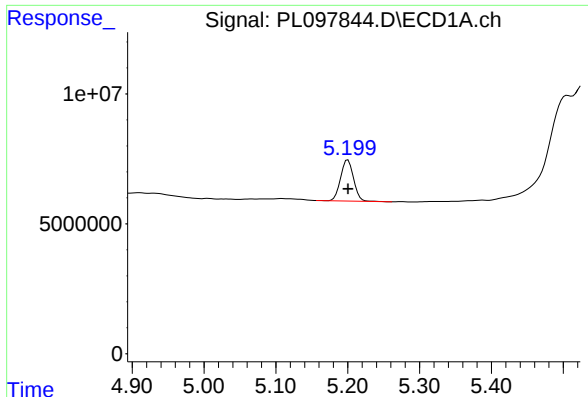
#4 Heptachlor

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 20521240
Conc: 2.58 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 28129583
Conc: 2.71 ng/ml



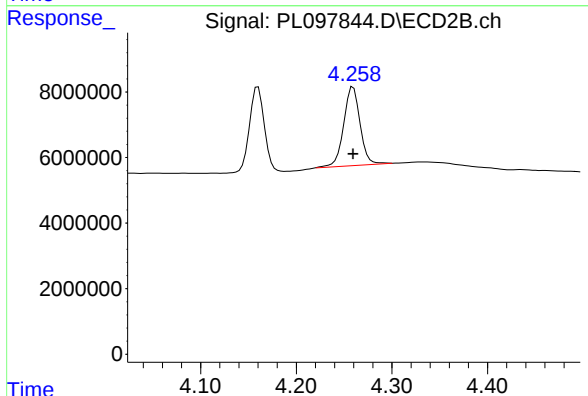
#5 Aldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 19891787
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

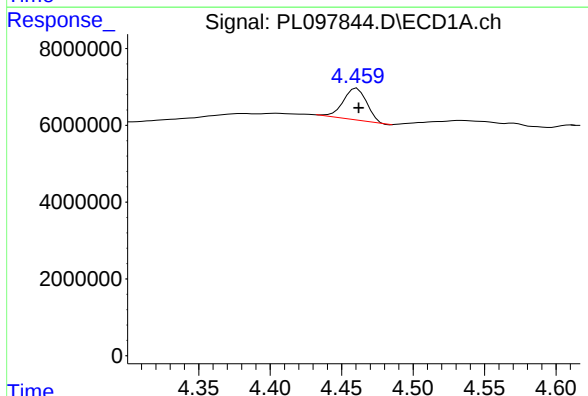
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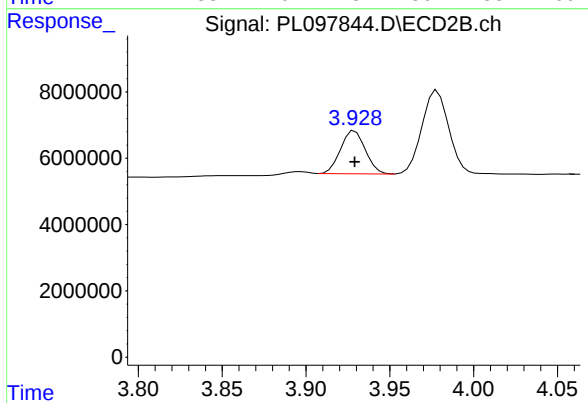
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 28900770
Conc: 2.92 ng/ml



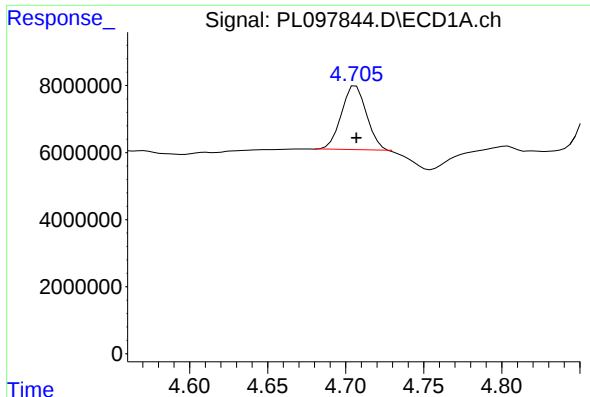
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: -0.001 min
Response: 9558100
Conc: 2.85 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 13289087
Conc: 2.87 ng/ml m



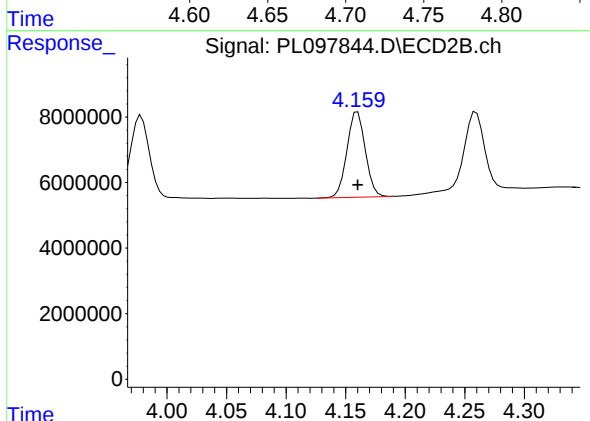
#7 delta-BHC

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 21345811
Conc: 2.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

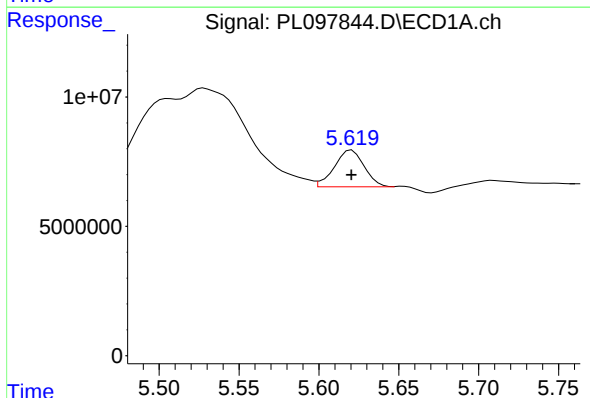
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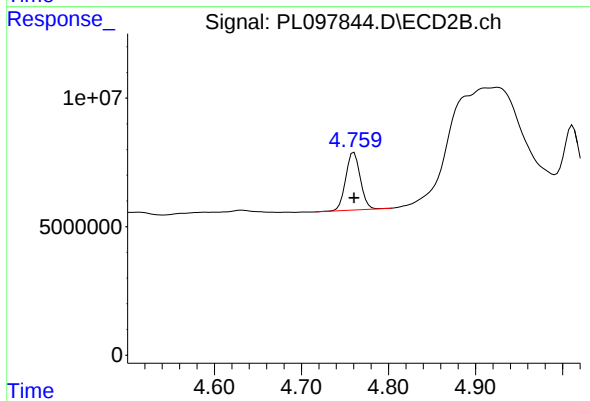
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 27920101
Conc: 2.61 ng/ml



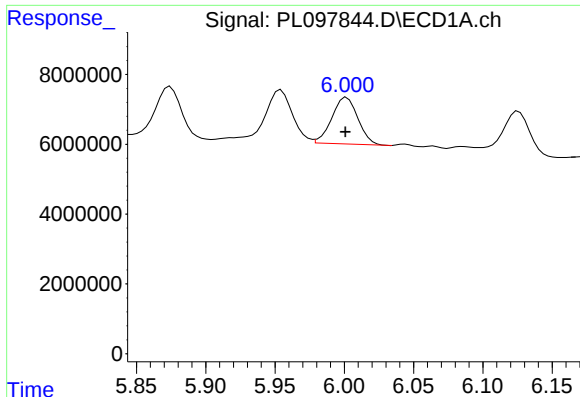
#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 18330200
Conc: 2.76 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 26304331
Conc: 2.92 ng/ml



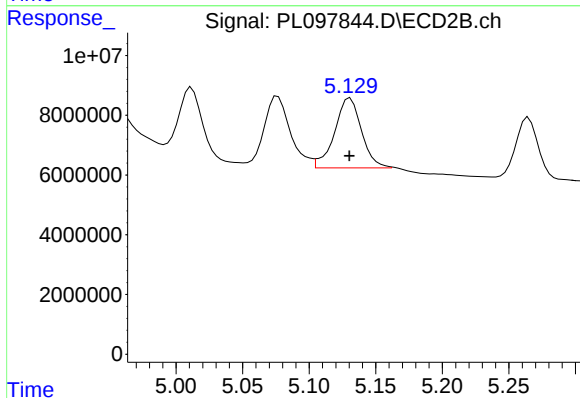
#9 Endosulfan I

R.T.: 6.002 min
Delta R.T.: 0.001 min
Response: 17475170
Conc: 2.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

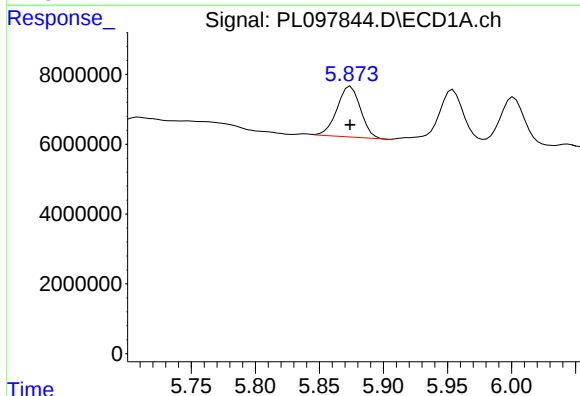
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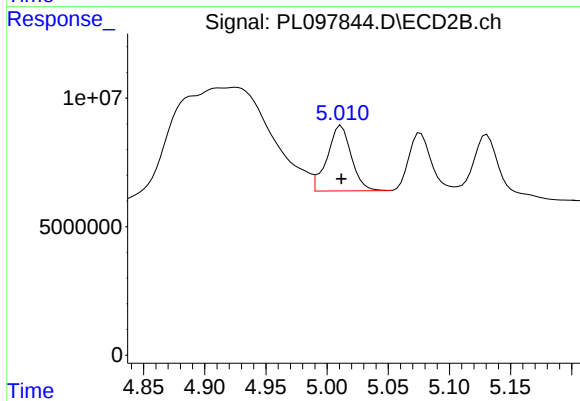
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 32790115
Conc: 3.22 ng/ml m



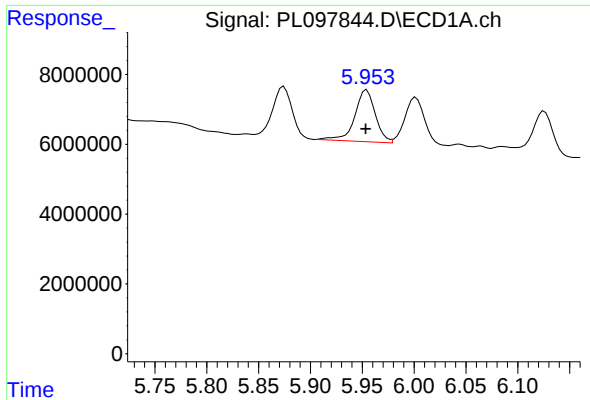
#10 gamma-Chlordane

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 18565756
Conc: 2.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 34458061
Conc: 3.38 ng/ml m



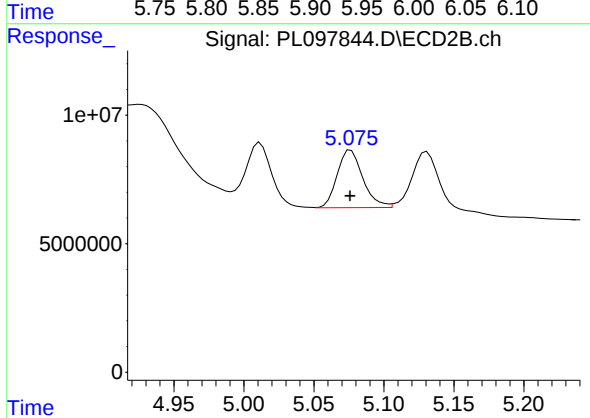
#11 alpha-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 20584536
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

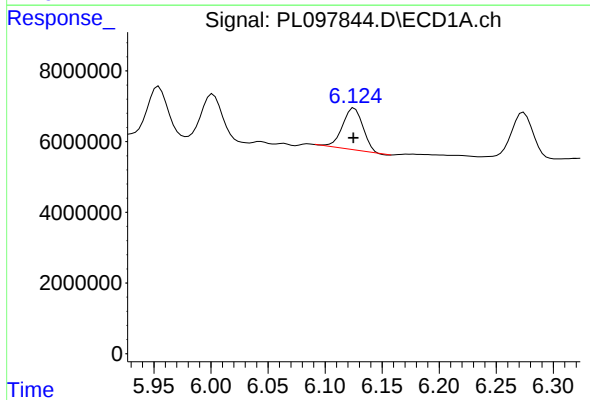
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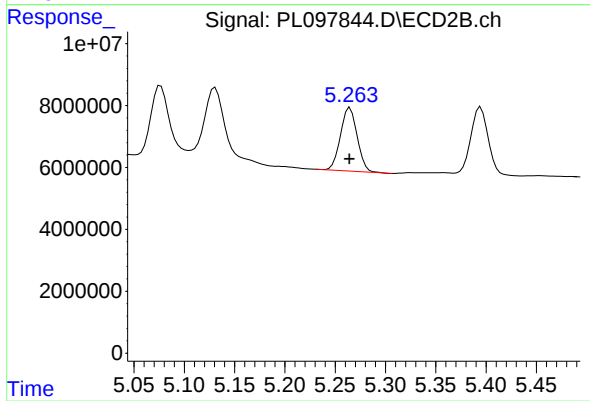
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 28686894
Conc: 2.80 ng/ml m



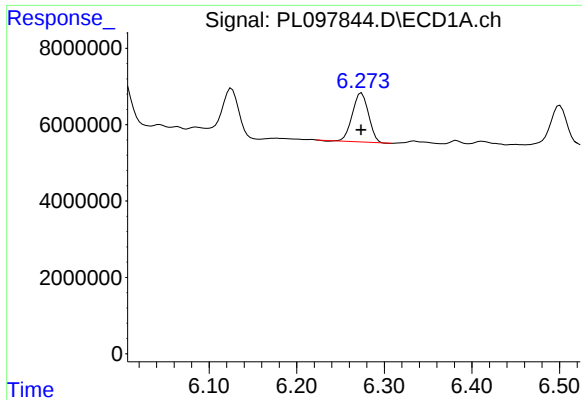
#12 4,4'-DDE

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 14760107
Conc: 2.51 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 23692229
Conc: 2.69 ng/ml



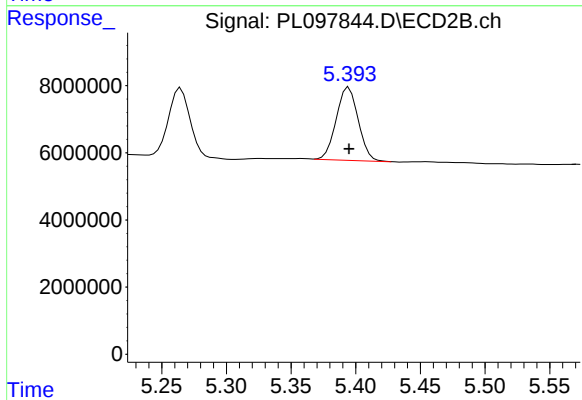
#13 Dieldrin

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 16535303
Conc: 2.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

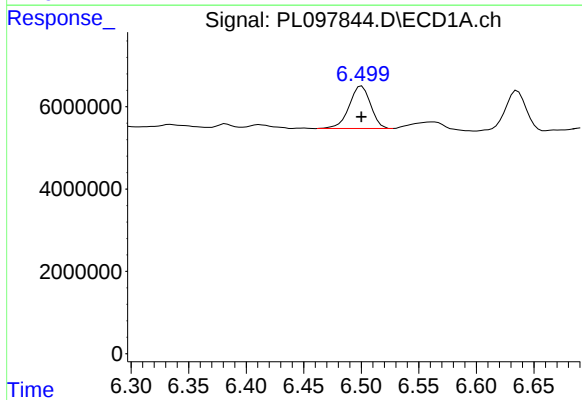
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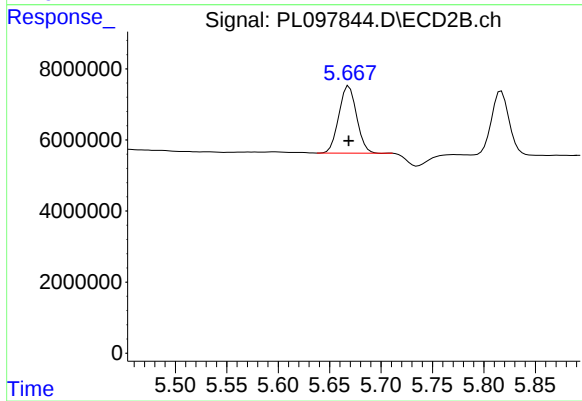
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 25821755
Conc: 2.76 ng/ml m



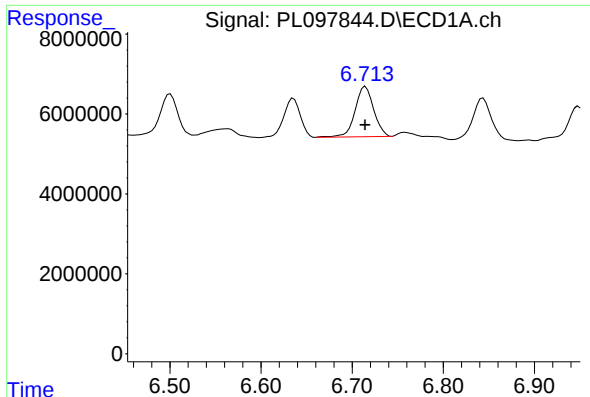
#14 Endrin

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 13426469
Conc: 2.59 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 22715314
Conc: 2.72 ng/ml



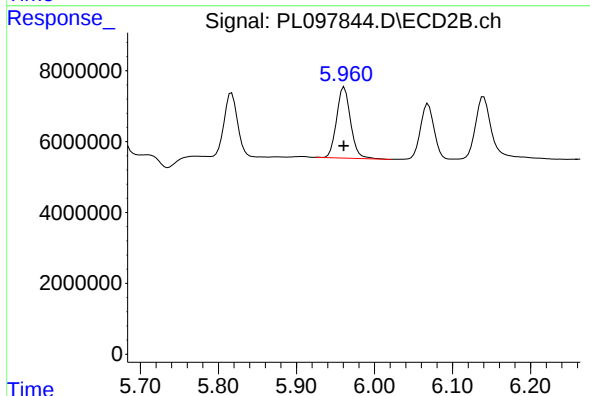
#15 Endosulfan II

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 17761763
Conc: 3.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
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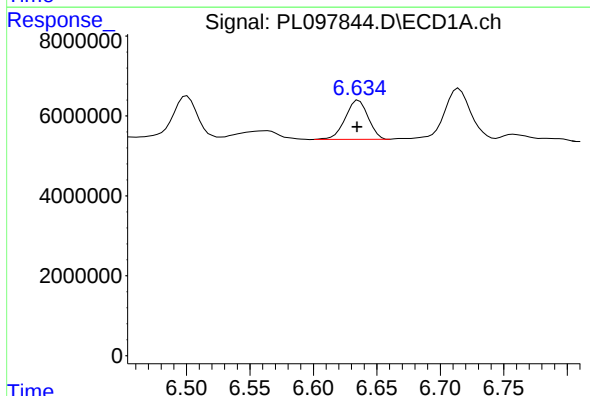
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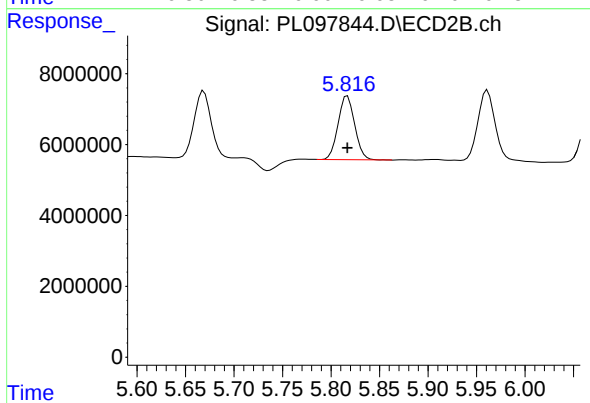
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 24999355
Conc: 3.02 ng/ml



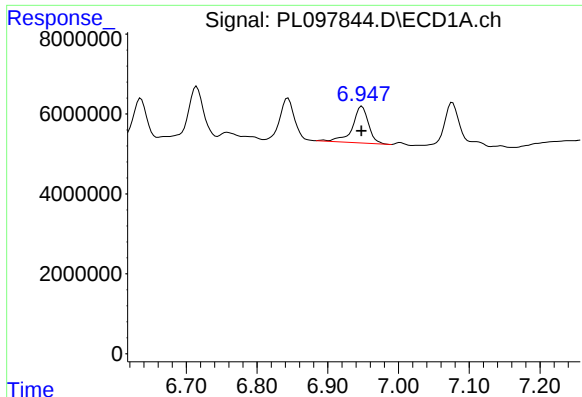
#16 4,4'-DDD

R.T.: 6.636 min
Delta R.T.: 0.001 min
Response: 12294012
Conc: 2.65 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 21417906
Conc: 2.86 ng/ml



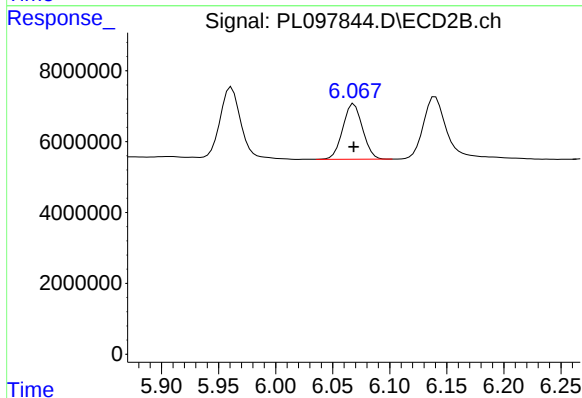
#17 4,4'-DDT

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 14393703
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

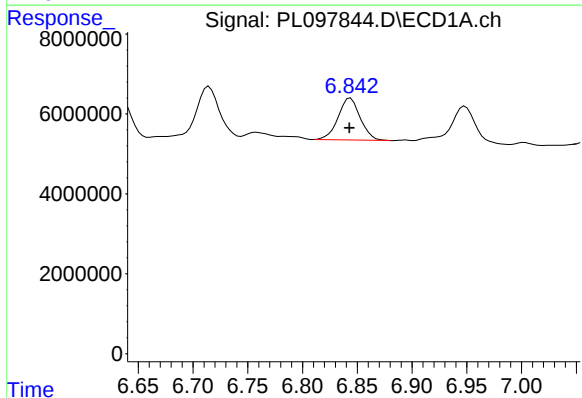
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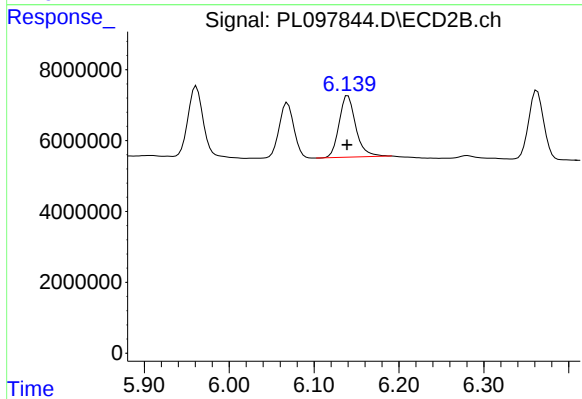
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 18929721
Conc: 2.47 ng/ml



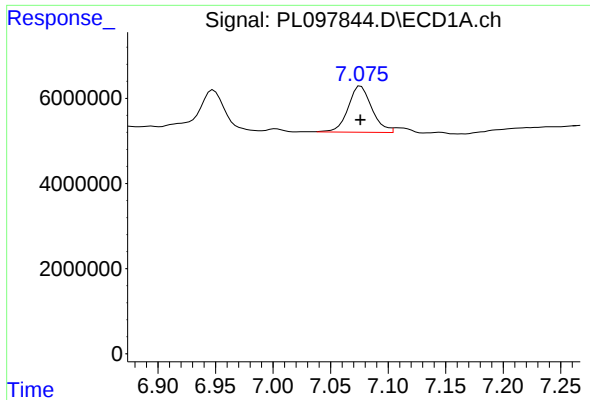
#18 Endrin aldehyde

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 14677466
Conc: 3.72 ng/ml m



#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 23687848
Conc: 3.71 ng/ml



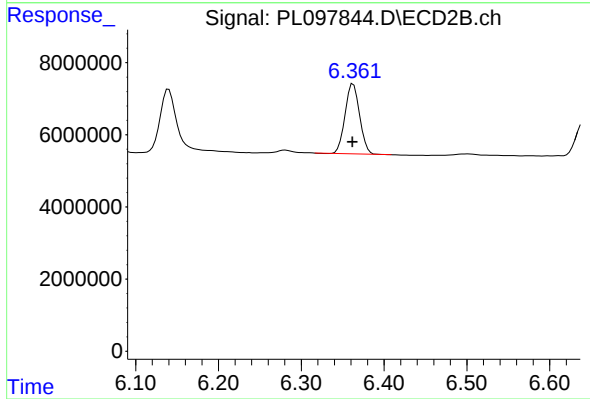
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 15843418
Conc: 3.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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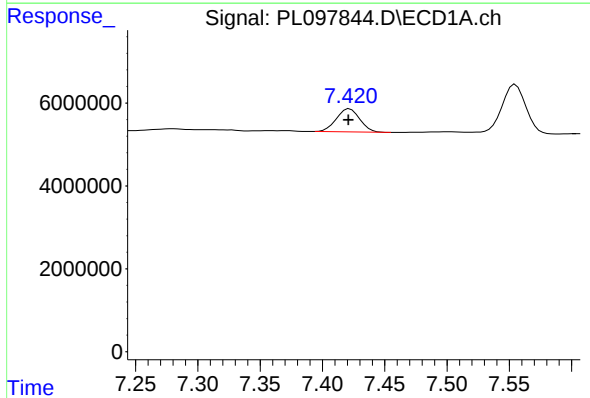
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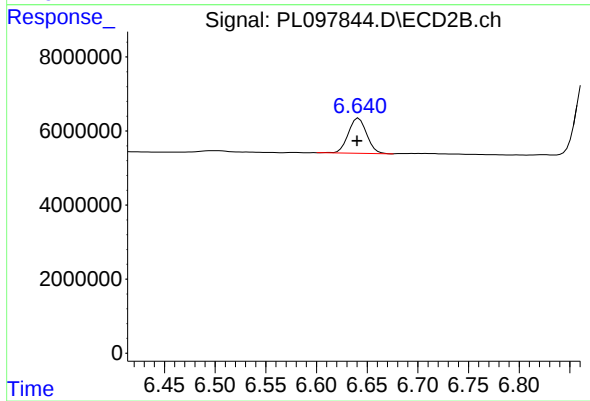
#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 23744555
Conc: 2.92 ng/ml



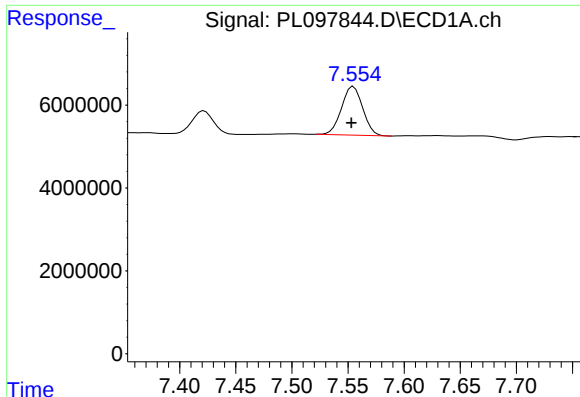
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 7334162
Conc: 2.91 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 11976276
Conc: 2.87 ng/ml



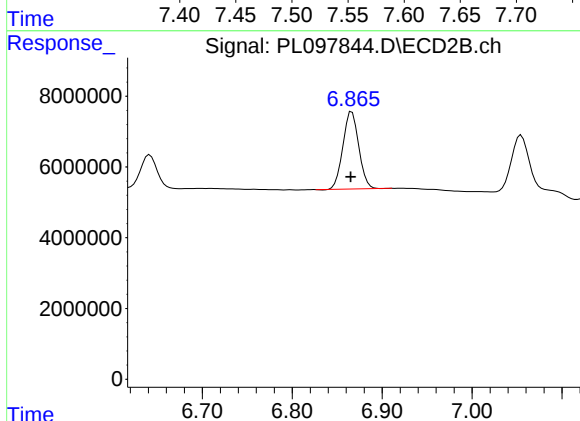
#21 Endrin ketone

R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 15465936
Conc: 2.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

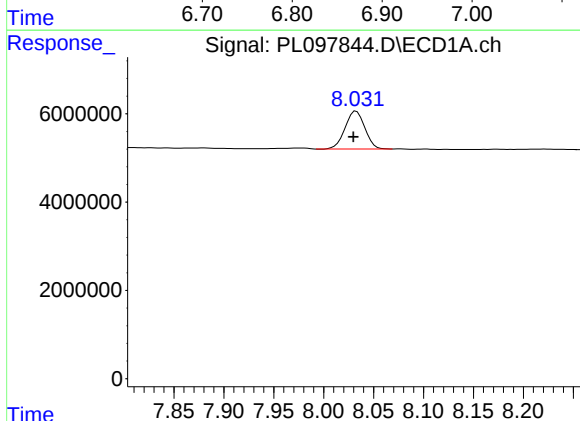
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



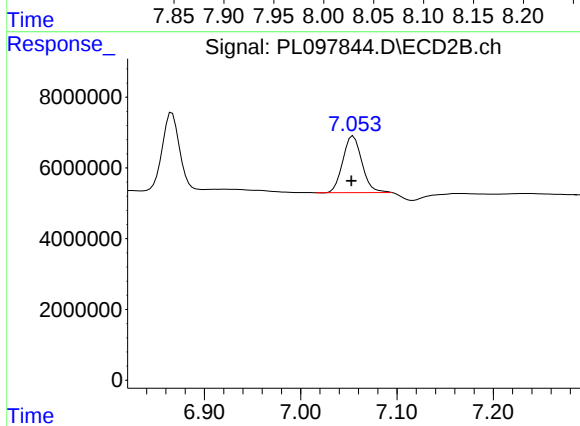
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: 0.001 min
Response: 26841952
Conc: 3.01 ng/ml



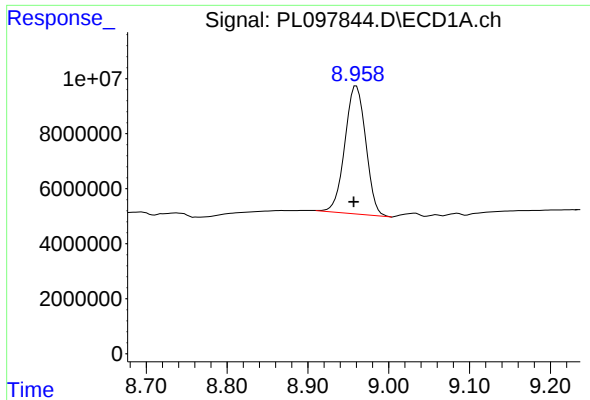
#22 Mirex

R.T.: 8.033 min
Delta R.T.: 0.003 min
Response: 11760608
Conc: 3.41 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 21990661
Conc: 3.41 ng/ml



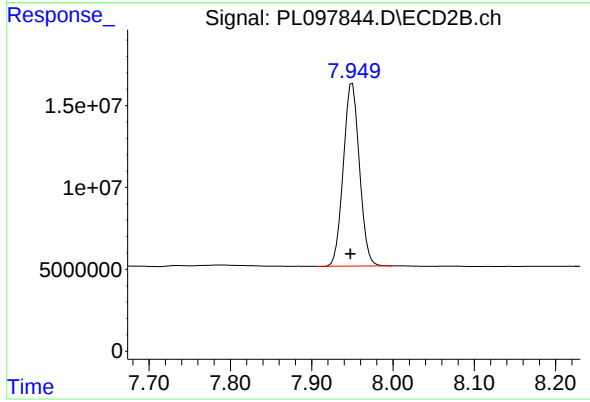
#28 Decachlorobiphenyl

R.T.: 8.958 min
Delta R.T.: 0.002 min
Response: 83526086
Conc: 21.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.002 min
Response: 153493015
Conc: 23.34 ng/ml