

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
 Data File : PL097843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 17:38
 Operator : AR\AJ
 Sample : Q3530-01
 Misc : PEST LOD 1PPB
 ALS Vial : 6 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 03:10:45 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	2.799	112.2E6	161.6E6	22.226	23.138
28)	SA Decachlor...	8.961	7.950	90351633	156.6E6	23.780	23.820
Target Compounds							
2)	A alpha-BHC	3.943	3.301	6688235	10568740	0.791m	0.921
3)	MA gamma-BHC...	4.273	3.632	11915799	10133871	1.486	0.942 #
4)	MA Heptachlor	4.861	3.978	9021795	9826762	1.133m	0.945
5)	MB Aldrin	5.201	4.259	7129614	11055280	0.984	1.118
6)	B beta-BHC	4.457	3.928	2177408	4242721	0.650m	0.915 #
7)	B delta-BHC	4.706	4.160	7434177	9921632	0.960m	0.928
8)	B Heptachlo...	5.619	4.760	5638359	9153402	0.847m	1.017
9)	A Endosulfan I	6.001	5.129	6397998	12145827	1.087m	1.192m
10)	B gamma-Chl...	5.873	5.010	6359786	12874369	0.980m	1.264m#
11)	B alpha-Chl...	5.953	5.075	6142982	11199341	0.946m	1.092m
12)	B 4,4'-DDE	6.124	5.263	6107518	8023171	1.040m	0.911m
13)	MA Dieldrin	6.274	5.393	8492049	8893223	1.384	0.949m#
14)	MA Endrin	6.501	5.669	5223931	8053296	1.009	0.964
15)	B Endosulfa...	6.718	5.961	4913452	8908760	0.962	1.076
16)	A 4,4'-DDD	6.636	5.817	5397317	8311320	1.165	1.108
17)	MA 4,4'-DDT	6.948	6.069	3892176	6335294	0.813m	0.826
18)	B Endrin al...	6.844	6.140	4545080	11576530	1.153m	1.813 #
19)	B Endosulfa...	7.077	6.363	5609820	8500069	1.132m	1.044
20)	A Methoxychlor	7.421	6.641	2771151	4444987	1.101m	1.064m
21)	B Endrin ke...	7.556	6.867	6462468	9646554	1.244	1.081
22)	Mirex	8.032	7.055	4472815	8358217	1.297m	1.295

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
Data File : PL097843.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 17:38
Operator : AR\AJ
Sample : Q3530-01
Misc : PEST LOD 1PPB
ALS Vial : 6 Sample Multiplier: 1

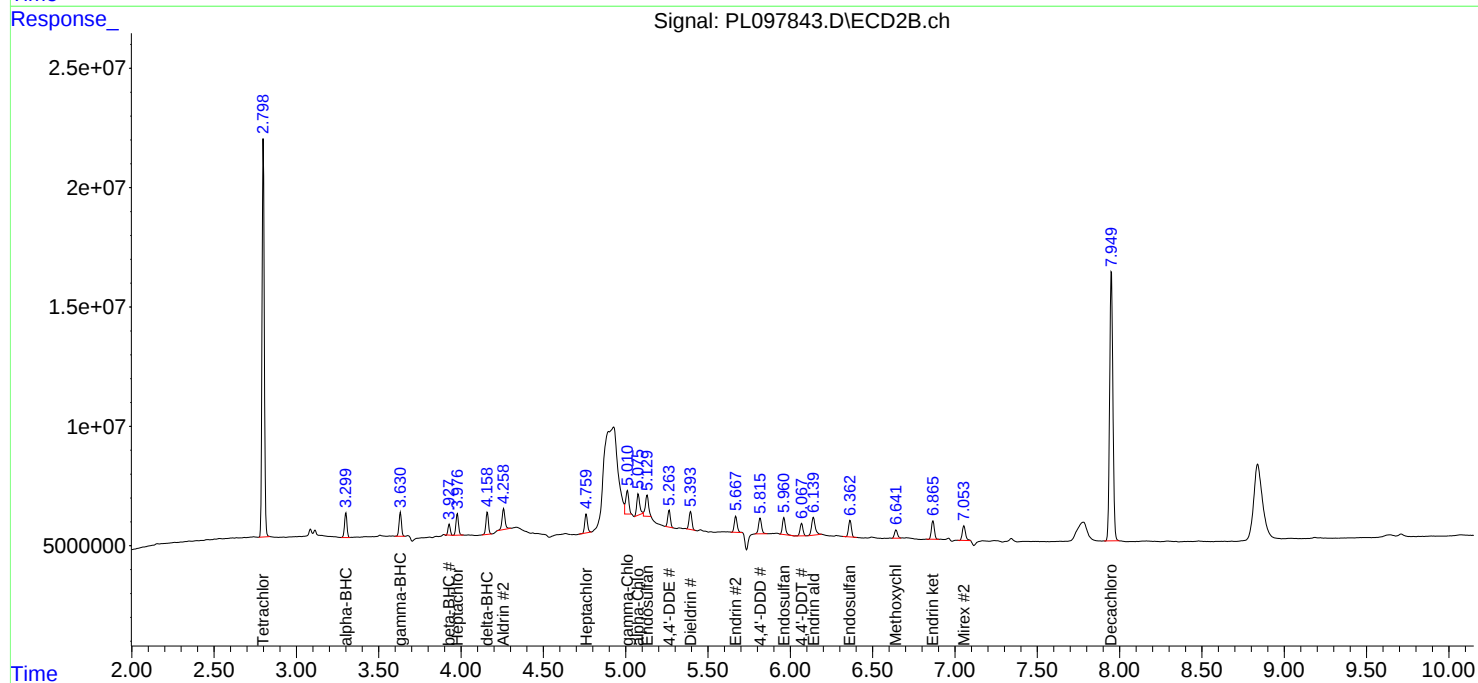
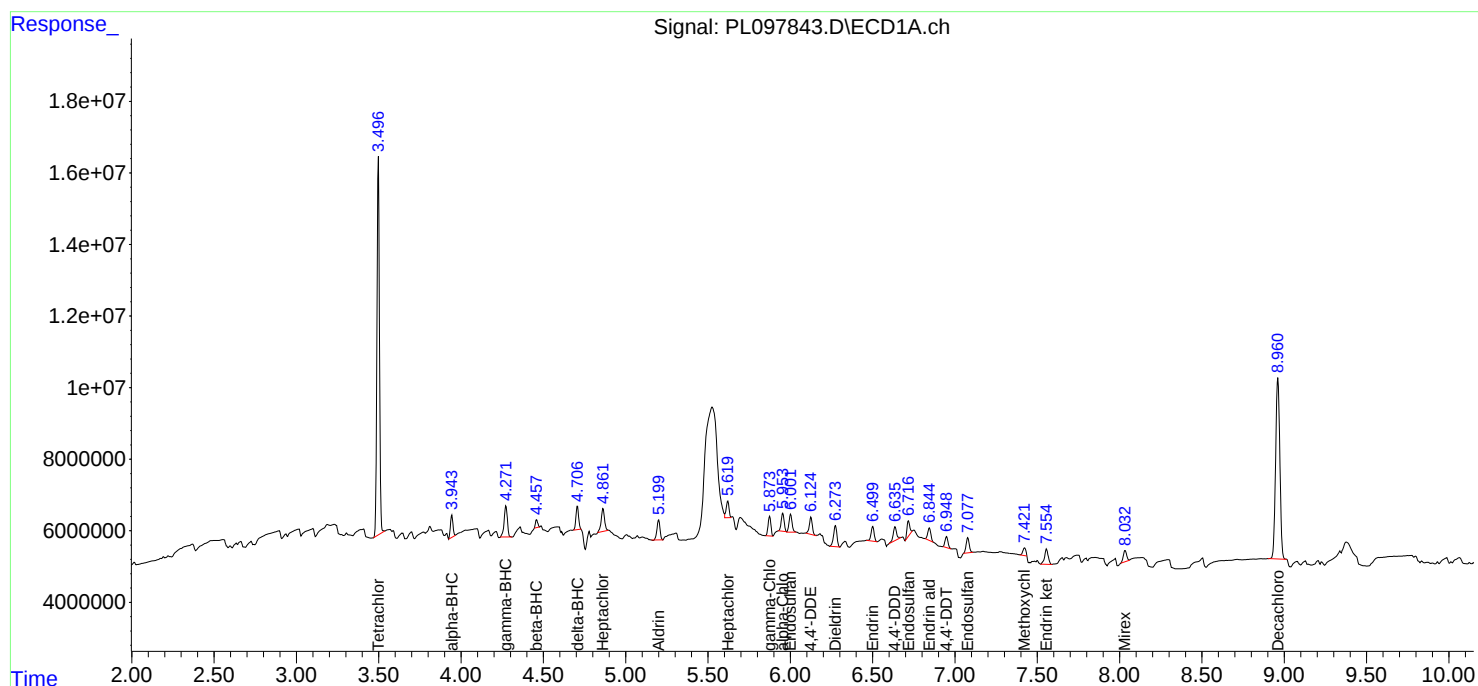
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

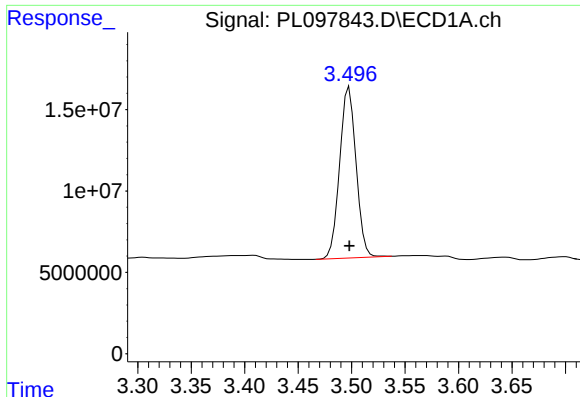
Manual Integrations
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Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:10:45 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





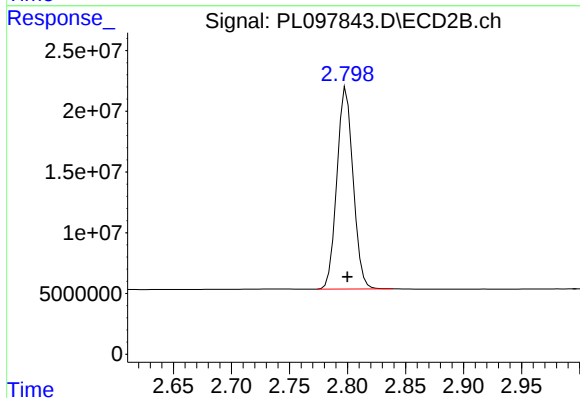
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 112172916
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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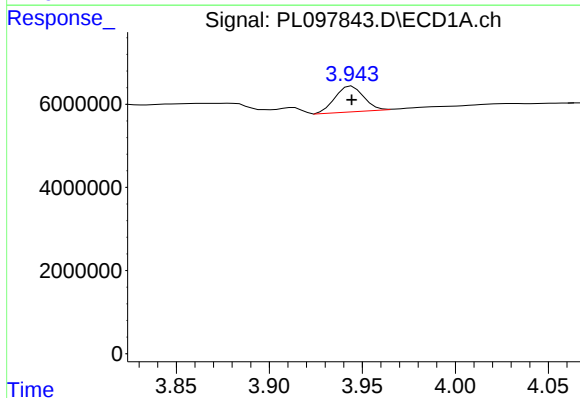
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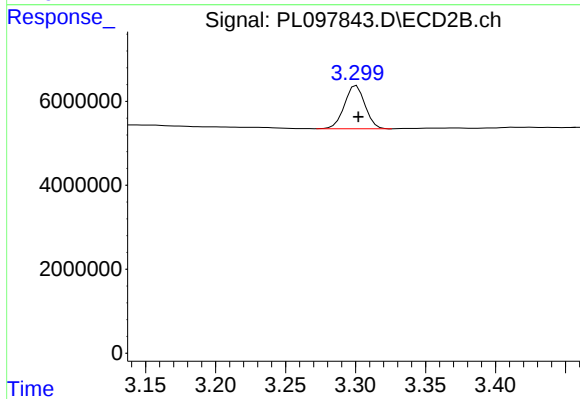
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 161626646
Conc: 23.14 ng/ml



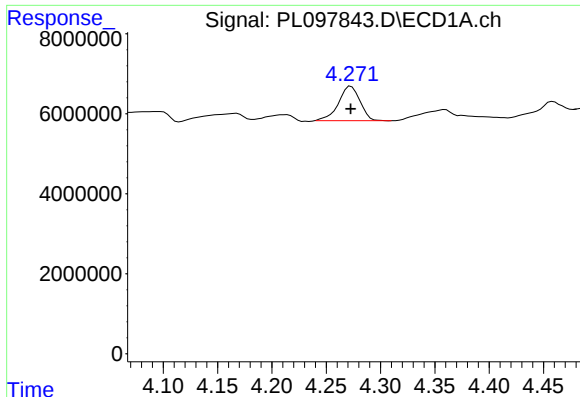
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.001 min
Response: 6688235
Conc: 0.79 ng/ml m



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 10568740
Conc: 0.92 ng/ml



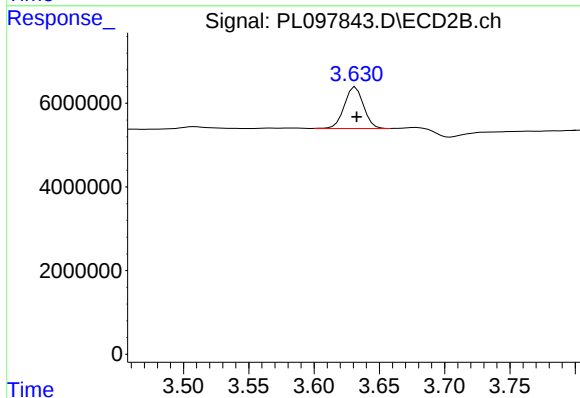
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 11915799
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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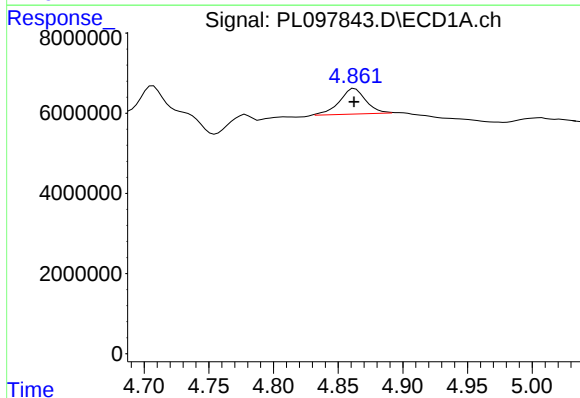
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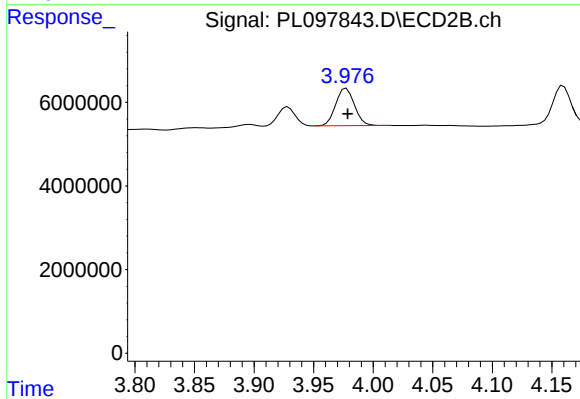
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 10133871
Conc: 0.94 ng/ml



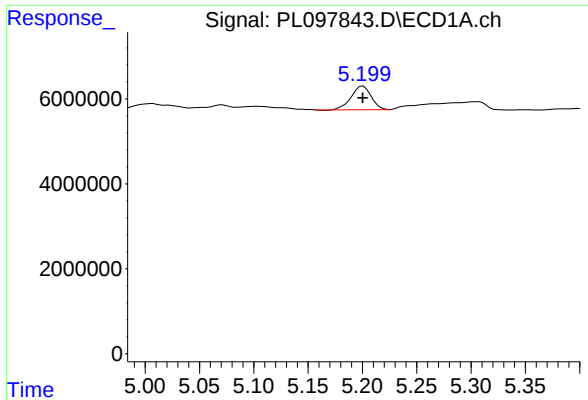
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 9021795
Conc: 1.13 ng/ml m



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.001 min
Response: 9826762
Conc: 0.95 ng/ml



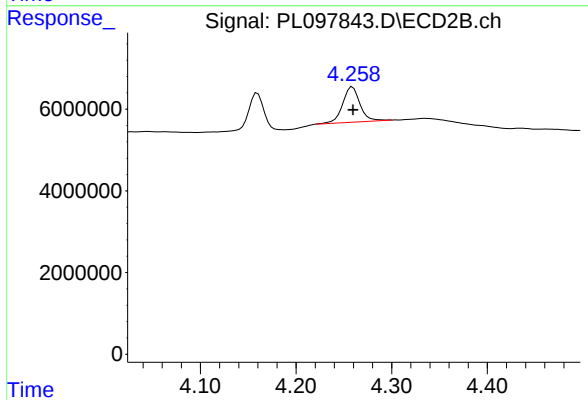
#5 Aldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 7129614
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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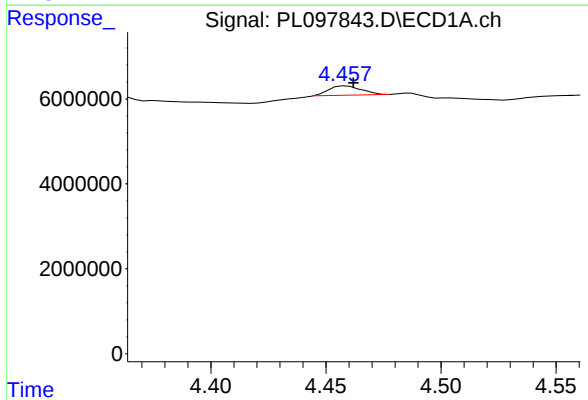
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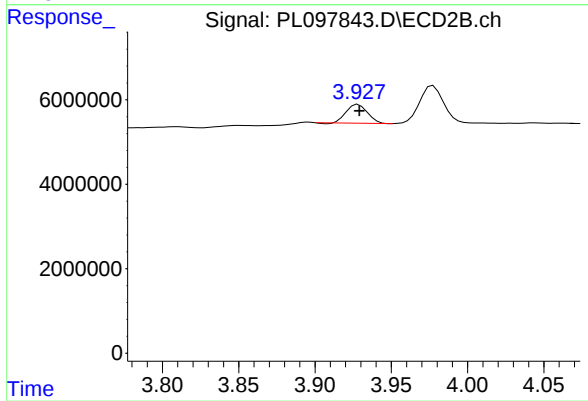
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 11055280
Conc: 1.12 ng/ml



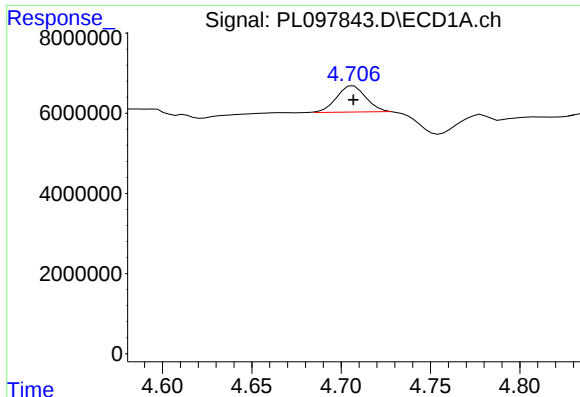
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: -0.005 min
Response: 2177408
Conc: 0.65 ng/ml m



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 4242721
Conc: 0.92 ng/ml



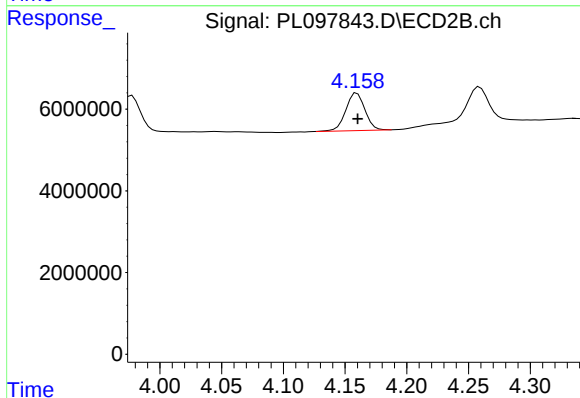
#7 delta-BHC

R.T.: 4.706 min
Delta R.T.: -0.001 min
Response: 7434177
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#7 delta-BHC

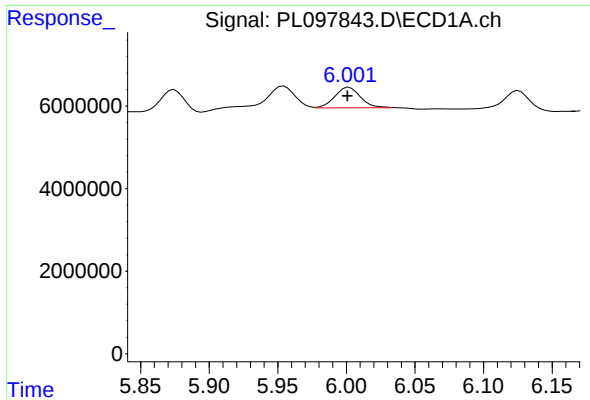
R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 9921632
Conc: 0.93 ng/ml

#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 5638359
Conc: 0.85 ng/ml m

#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 9153402
Conc: 1.02 ng/ml



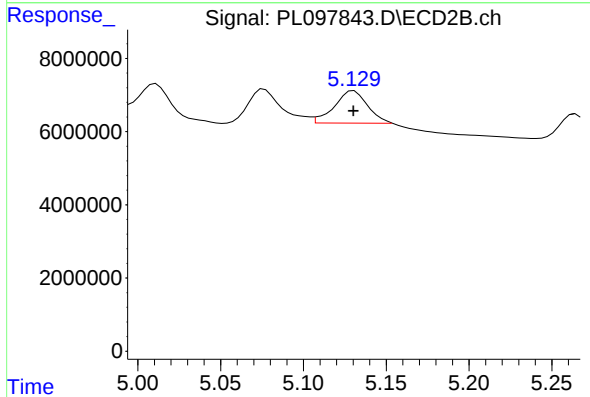
#9 Endosulfan I

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 6397998
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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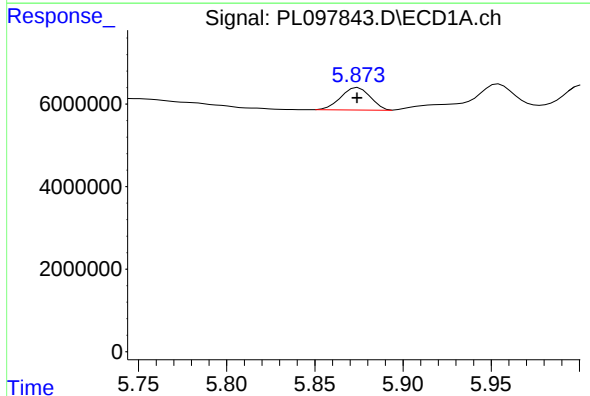
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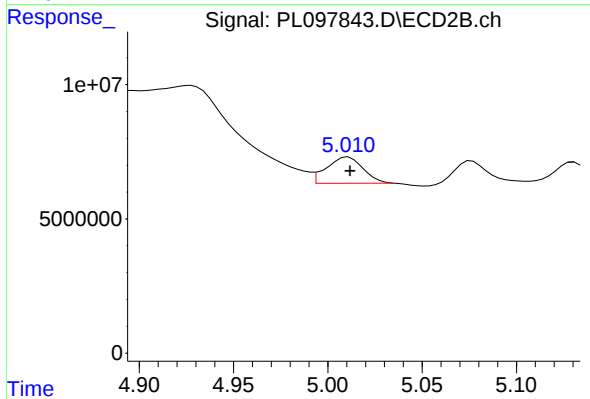
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 12145827
Conc: 1.19 ng/ml m



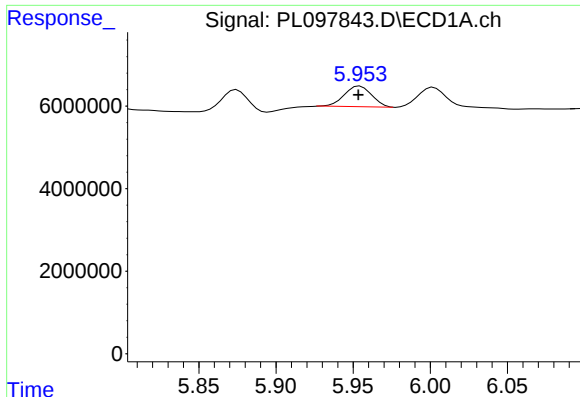
#10 gamma-Chlordane

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 6359786
Conc: 0.98 ng/ml m



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 12874369
Conc: 1.26 ng/ml m



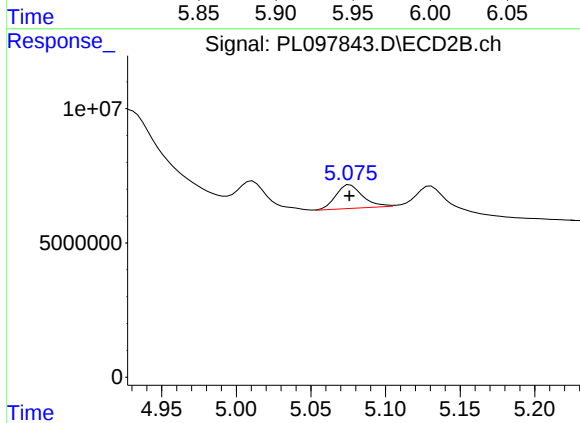
#11 alpha-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 6142982
Conc: 0.95 ng/ml

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

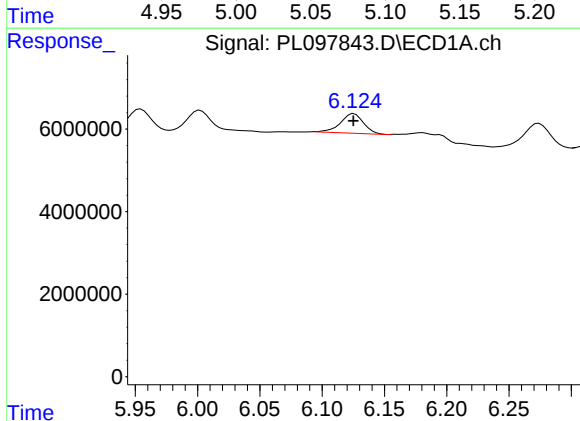
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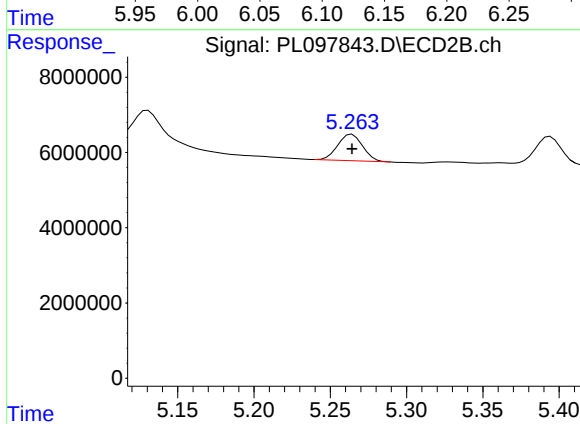
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 11199341
Conc: 1.09 ng/ml m



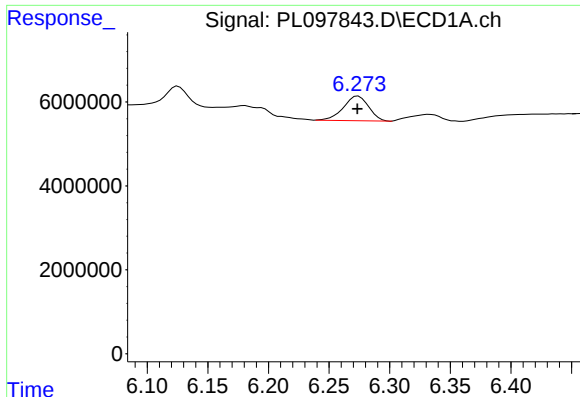
#12 4,4'-DDE

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 6107518
Conc: 1.04 ng/ml m



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 8023171
Conc: 0.91 ng/ml m



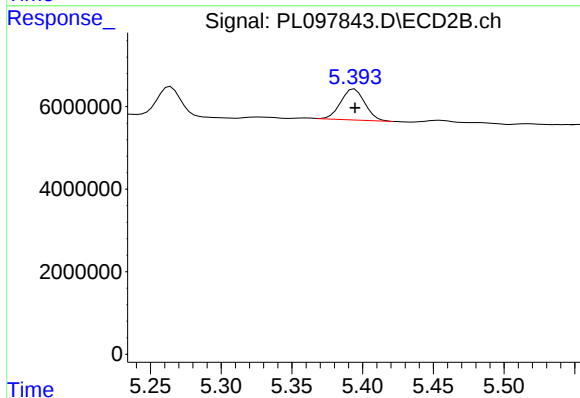
#13 Dieldrin

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 8492049
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
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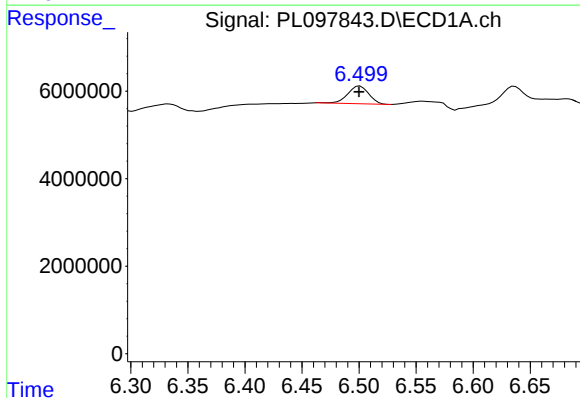
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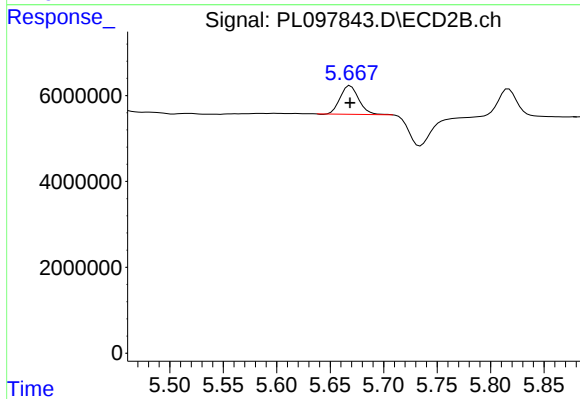
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 8893223
Conc: 0.95 ng/ml m



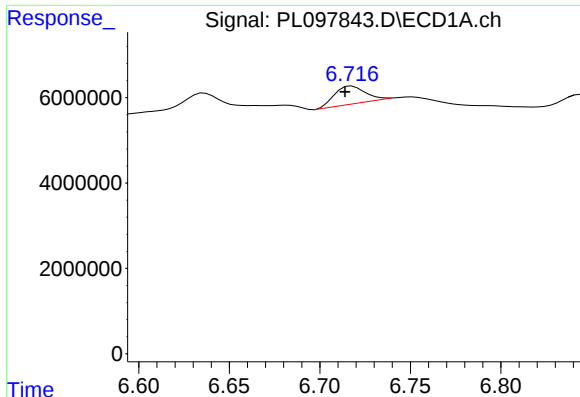
#14 Endrin

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 5223931
Conc: 1.01 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 8053296
Conc: 0.96 ng/ml



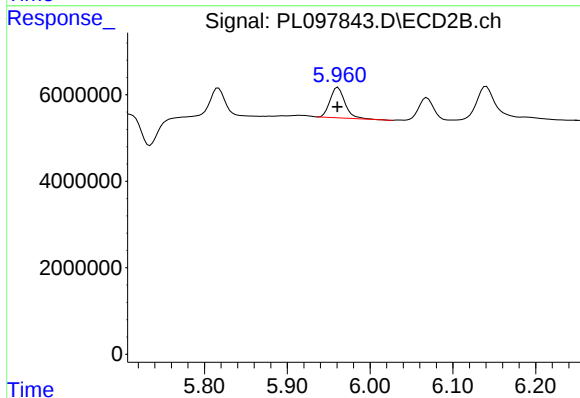
#15 Endosulfan II

R.T.: 6.718 min
Delta R.T.: 0.004 min
Response: 4913452
Conc: 0.96 ng/ml

Instrument :
ECD_L
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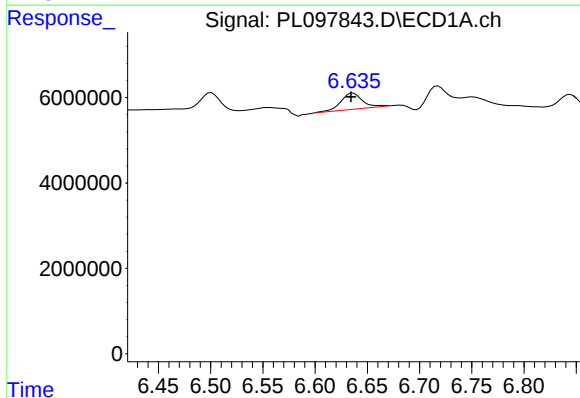
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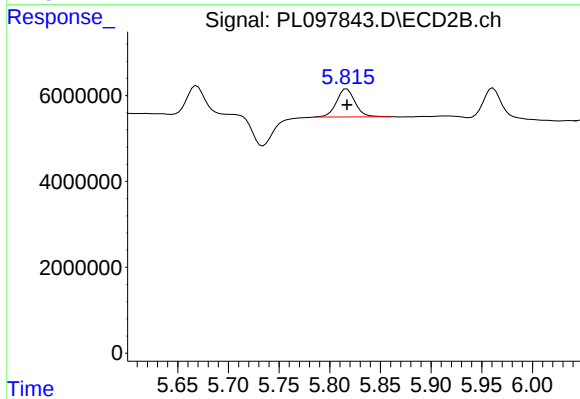
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 8908760
Conc: 1.08 ng/ml



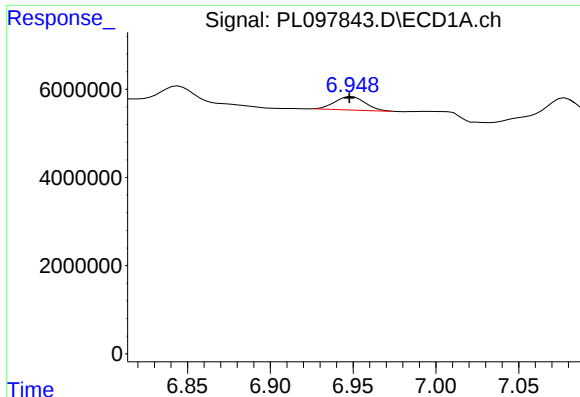
#16 4,4'-DDD

R.T.: 6.636 min
Delta R.T.: 0.002 min
Response: 5397317
Conc: 1.17 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 8311320
Conc: 1.11 ng/ml



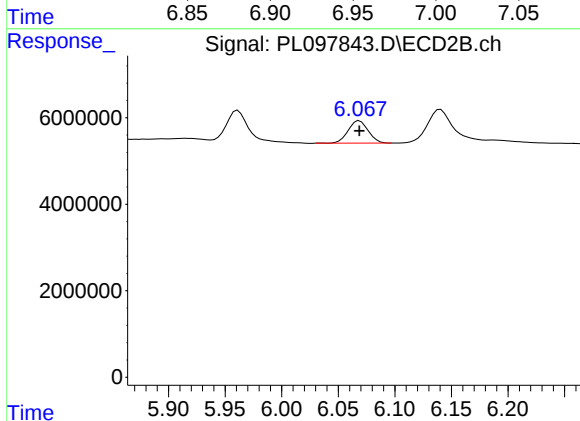
#17 4,4'-DDT

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 3892176
Conc: 0.81 ng/ml

Instrument :
ECD_L
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#17 4,4'-DDT

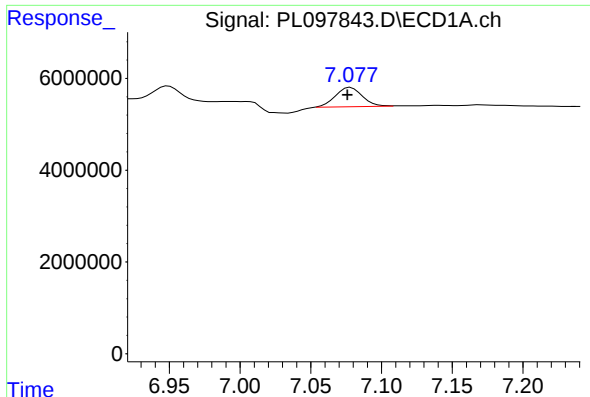
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 6335294
Conc: 0.83 ng/ml

#18 Endrin aldehyde

R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 4545080
Conc: 1.15 ng/ml m

#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 11576530
Conc: 1.81 ng/ml



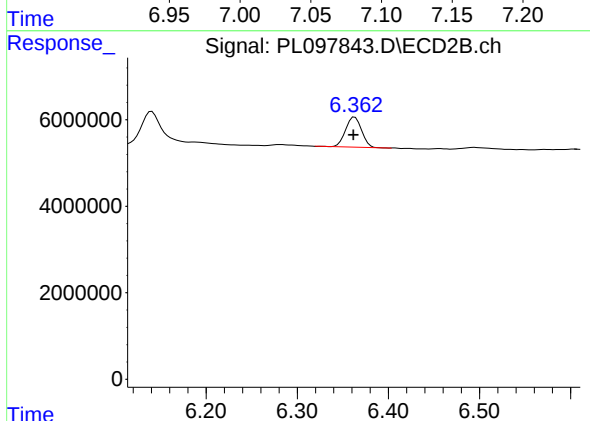
#19 Endosulfan Sulfate

R.T.: 7.077 min
Delta R.T.: 0.000 min
Response: 5609820
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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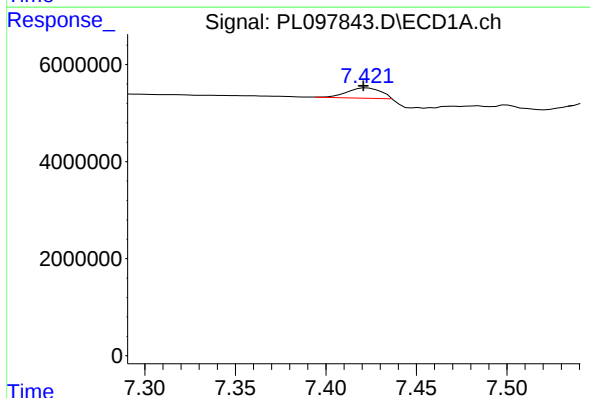
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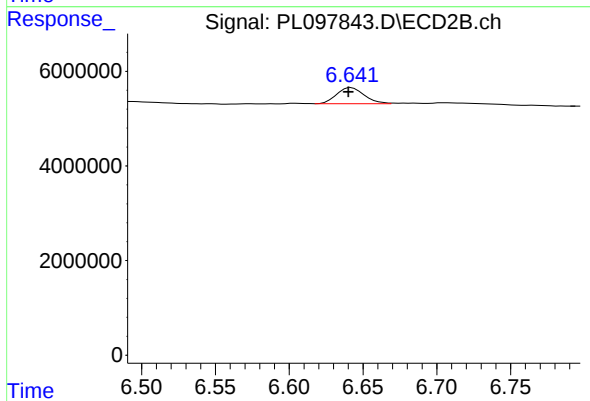
#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: 0.001 min
Response: 8500069
Conc: 1.04 ng/ml



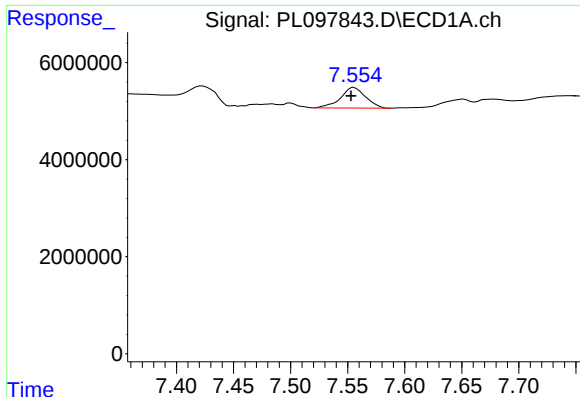
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 2771151
Conc: 1.10 ng/ml m



#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 4444987
Conc: 1.06 ng/ml m



#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: 0.003 min
Response: 6462468
Conc: 1.24 ng/ml

Instrument :
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ClientSampleId :
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#21 Endrin ketone

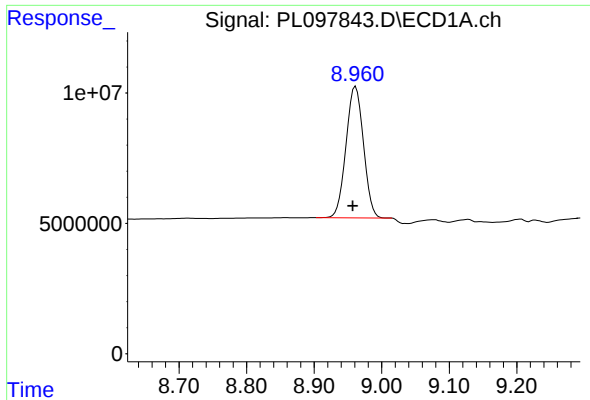
R.T.: 6.867 min
Delta R.T.: 0.002 min
Response: 9646554
Conc: 1.08 ng/ml

#22 Mirex

R.T.: 8.032 min
Delta R.T.: 0.002 min
Response: 4472815
Conc: 1.30 ng/ml m

#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 8358217
Conc: 1.29 ng/ml



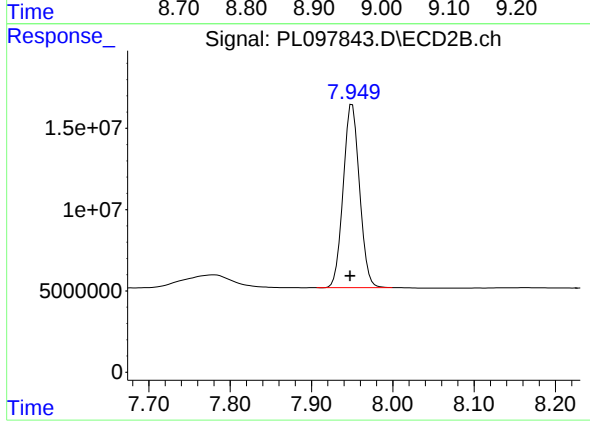
#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.005 min
Response: 90351633
Conc: 23.78 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.: 0.003 min
Response: 156640524
Conc: 23.82 ng/ml