

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
 Data File : PL096162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 16:34
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 05:01:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 24 16:08:38 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...	3.570	2.880	58082692	73057460	16.873	16.651
28)	SA Decachlor...	9.111f	8.062	48931997	94703018	18.355	17.599
Target Compounds							
2)	A alpha-BHC	4.020	3.388	4484469	5040412	0.837	0.762
3)	MA gamma-BHC...	4.352	3.722	4636204	4995951	0.926	0.794
4)	MA Heptachlor	4.948	4.074	4349722	5169475	0.947m	0.820
5)	MB Aldrin	5.289	4.358	4376054	4452983	0.920m	0.753
6)	B beta-BHC	4.538	4.016	2425994	2732256	1.134m	0.991m
7)	B delta-BHC	4.786	4.252	4956808	4865870	1.015m	0.774
8)	B Heptachlo...	5.709	4.861	6697252	4671408	1.527m	0.814 #
9)	A Endosulfan I	6.094	5.231	3998564	6173821	0.995m	1.039m
10)	B gamma-Chl...	5.965	5.112	4218451	5838693	0.970m	0.969m
11)	B alpha-Chl...	6.046	5.177	4073215	6785567	0.943m	1.100m
12)	B 4,4'-DDE	6.217	5.365	3665749	5232552	0.917m	0.889m
13)	MA Dieldrin	6.368	5.499	4364389	5523226	1.013m	0.931
14)	MA Endrin	6.596	5.777	3365245	7217275	0.944m	1.321 #
15)	B Endosulfa...	6.807	6.065	7388429	5600682	1.867m	1.047m#
16)	A 4,4'-DDD	6.729	5.920	3197771	4527387	0.972m	0.941
17)	MA 4,4'-DDT	7.045	6.173	2961940	4246480	0.906m	0.774m
18)	B Endrin al...	6.938	6.243	2955427	6346954	1.127m	1.518m#
19)	B Endosulfa...	7.173	6.469	3653872	4752604	1.082m	0.928
20)	A Methoxychlor	7.519f	6.746	1839717	3602669	1.117m	1.227m
21)	B Endrin ke...	7.655	6.975	3656492	7641245	1.013m	1.278m#
22)	Mirex	8.138	7.168	3222765	5082946	1.180m	1.063m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
Data File : PL096162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 16:34
Operator : AR\AJ
Sample : Q2126-01
Misc : PEST LOD 1PPB SOIL
ALS Vial : 7 Sample Multiplier: 1

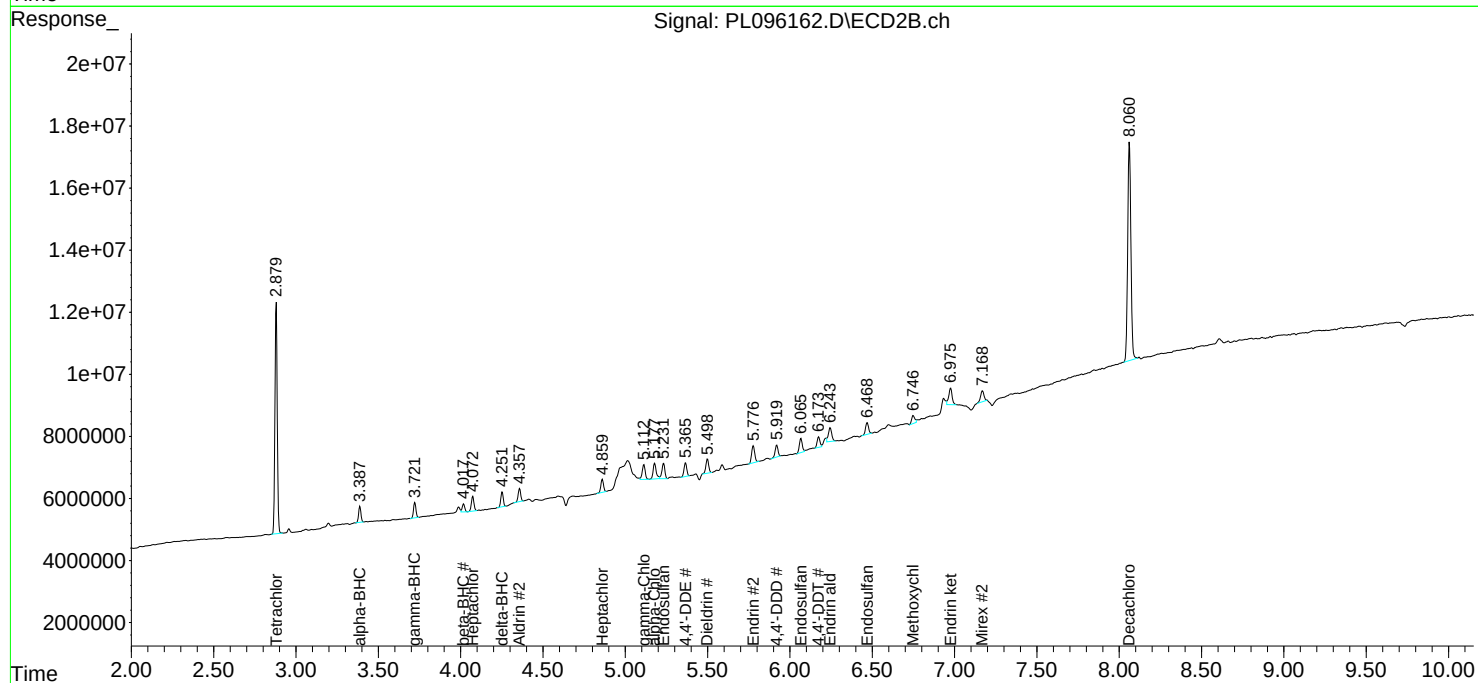
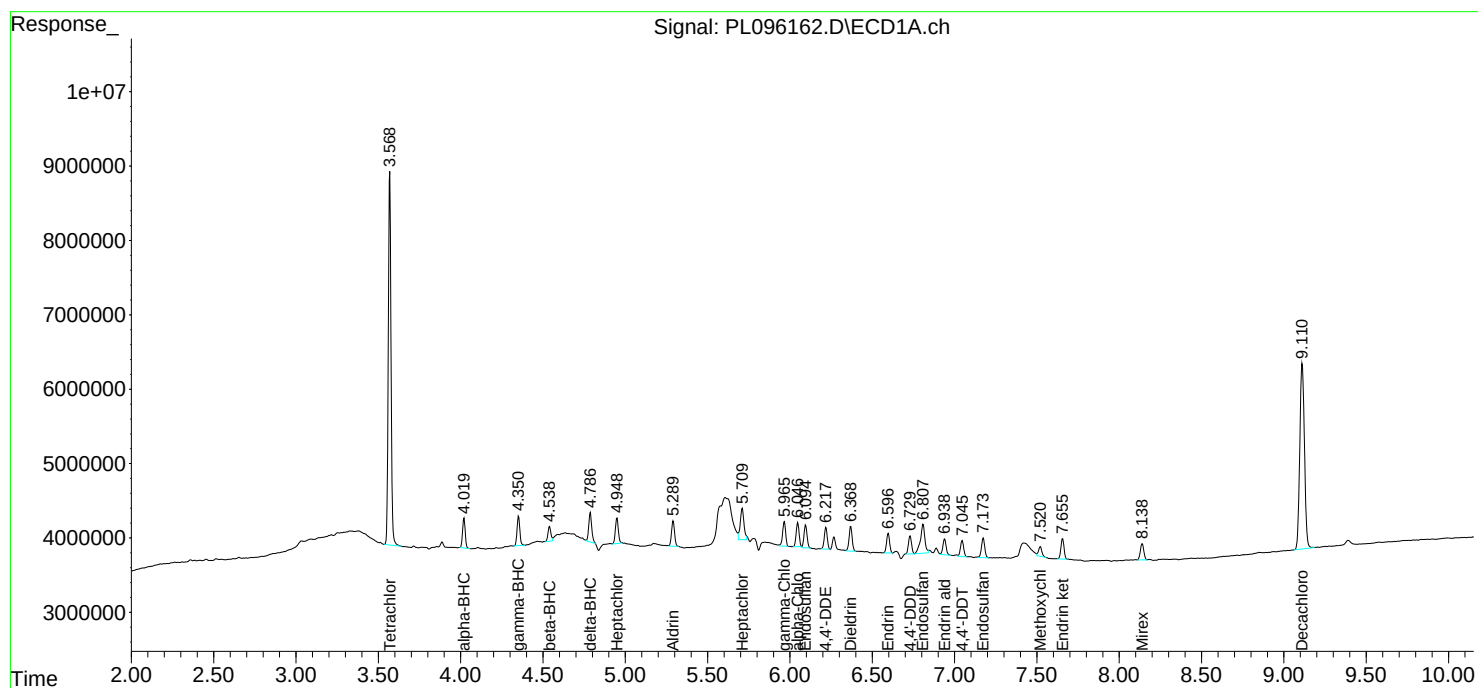
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

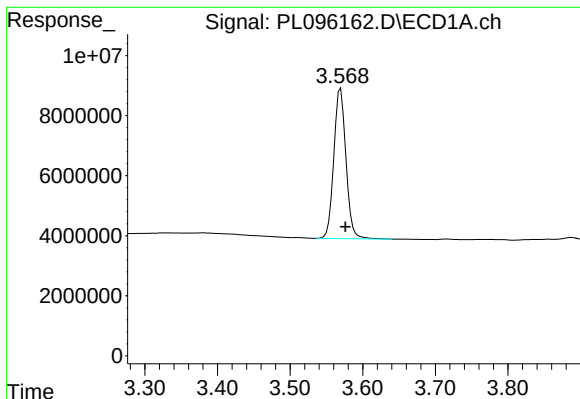
Manual Integrations
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Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 05:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Tue Jun 24 16:08:38 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





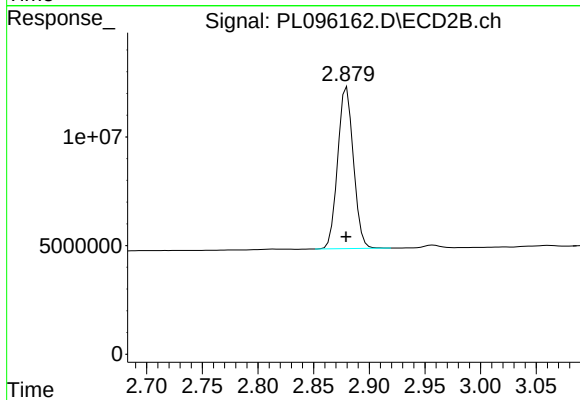
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.006 min
Response: 58082692
Conc: 16.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

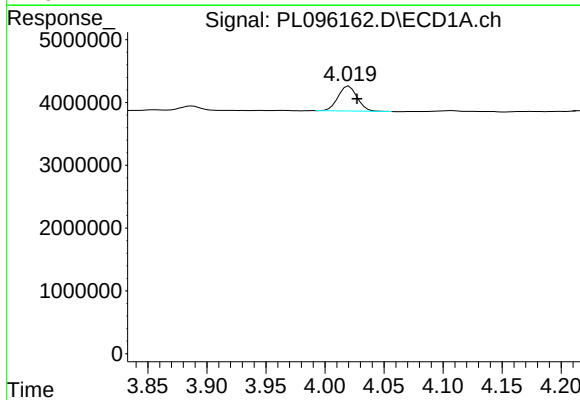
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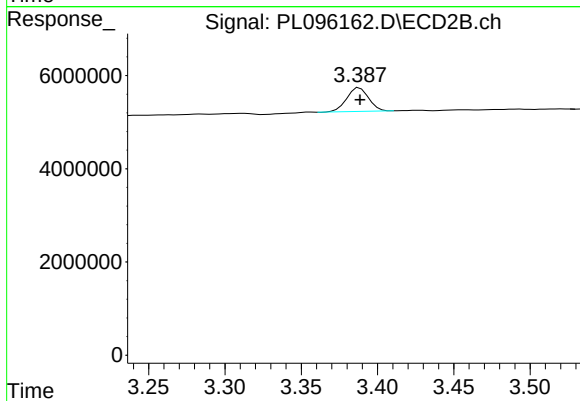
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 73057460
Conc: 16.65 ng/ml



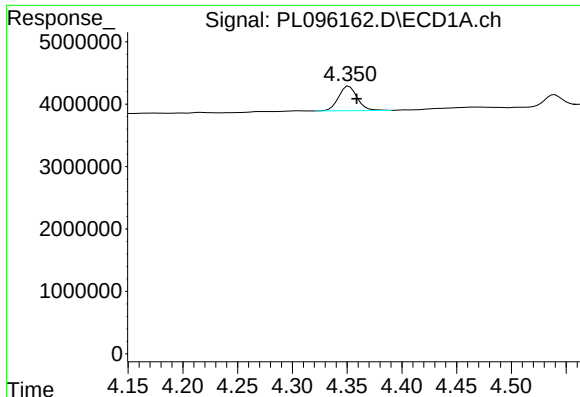
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.007 min
Response: 4484469
Conc: 0.84 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 5040412
Conc: 0.76 ng/ml



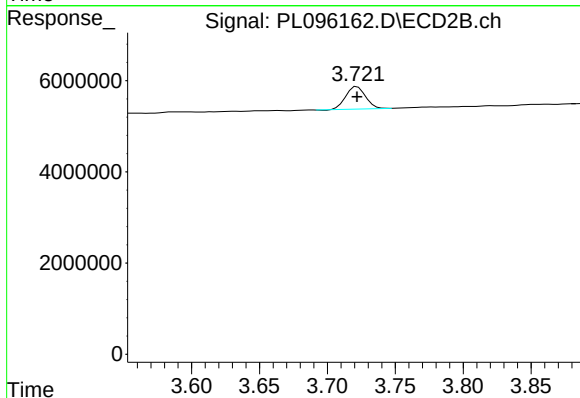
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: -0.007 min
Response: 4636204
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

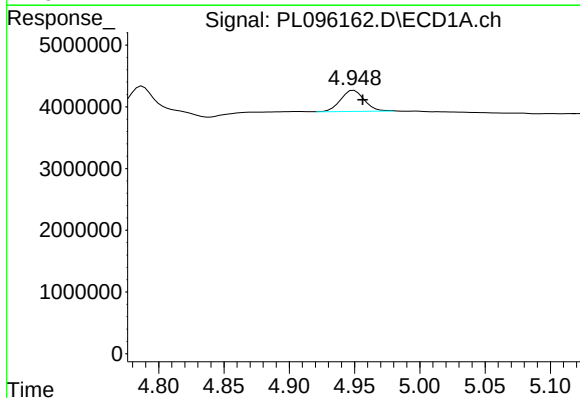
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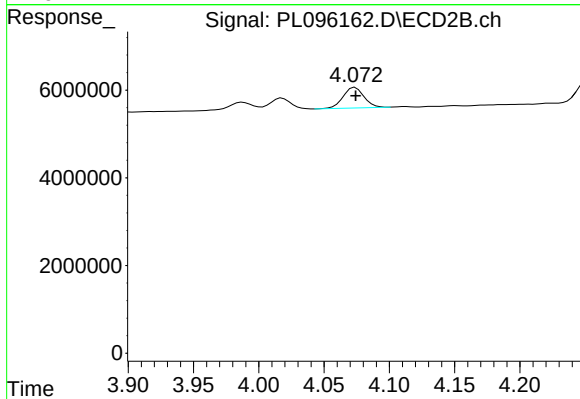
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 4995951
Conc: 0.79 ng/ml



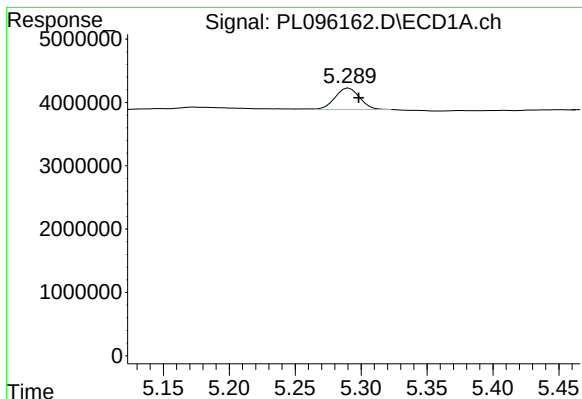
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: -0.008 min
Response: 4349722
Conc: 0.95 ng/ml m



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 5169475
Conc: 0.82 ng/ml



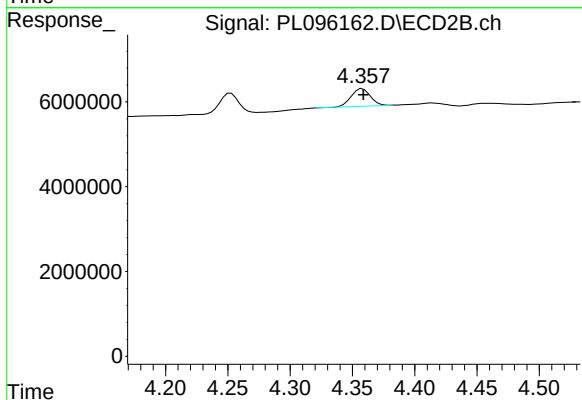
#5 Aldrin

R.T.: 5.289 min
Delta R.T.: -0.009 min
Response: 4376054
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

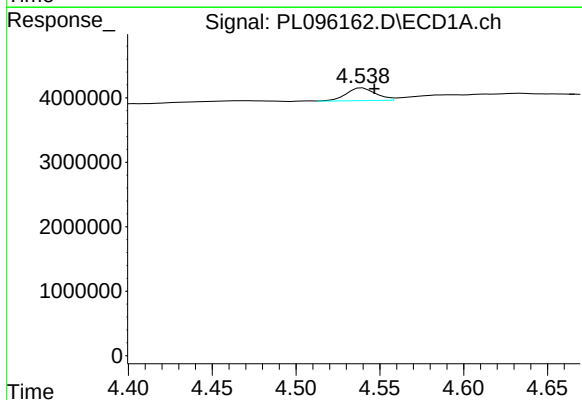
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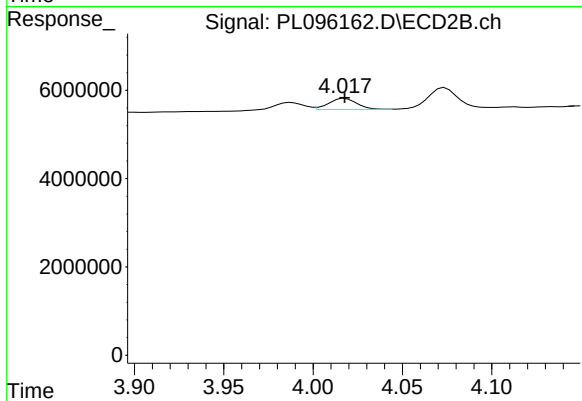
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 4452983
Conc: 0.75 ng/ml



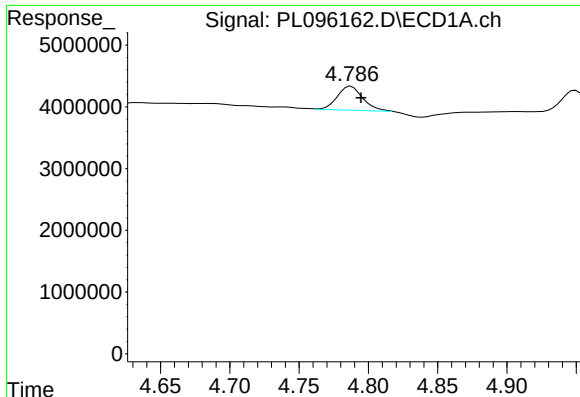
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: -0.008 min
Response: 2425994
Conc: 1.13 ng/ml m



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 2732256
Conc: 0.99 ng/ml m



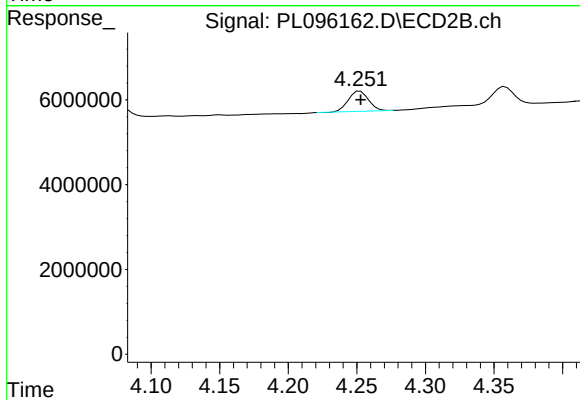
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 4956808
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

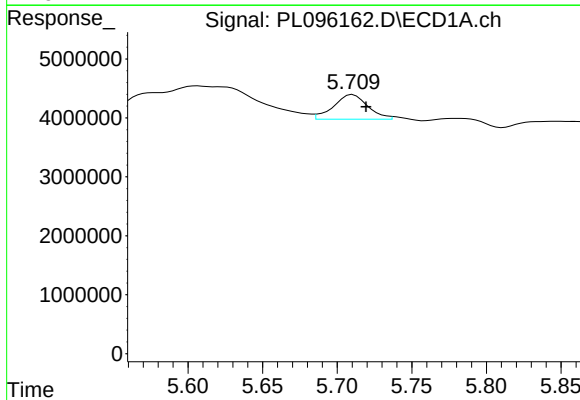
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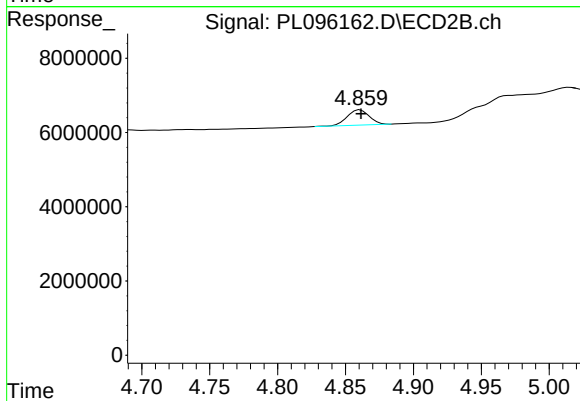
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 4865870
Conc: 0.77 ng/ml



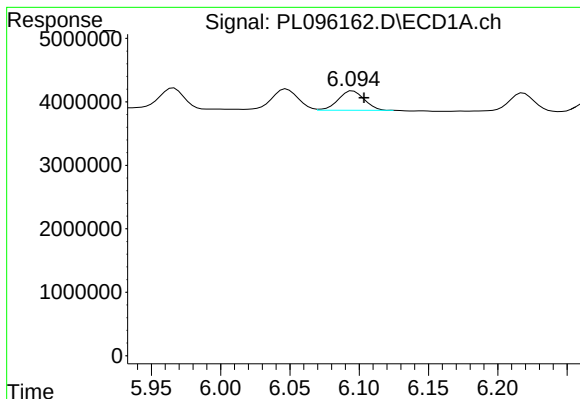
#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: -0.010 min
Response: 6697252
Conc: 1.53 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 4671408
Conc: 0.81 ng/ml



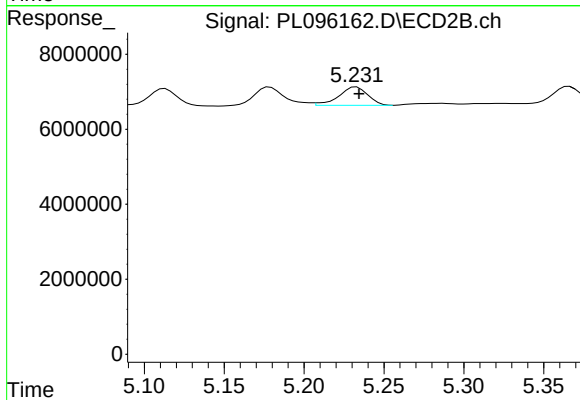
#9 Endosulfan I

R.T.: 6.094 min
Delta R.T.: -0.010 min
Response: 3998564
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

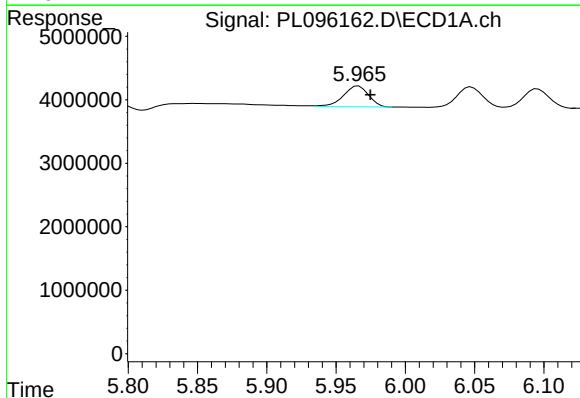
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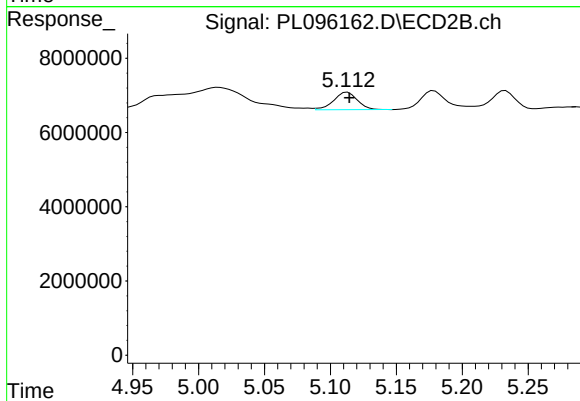
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 6173821
Conc: 1.04 ng/ml m



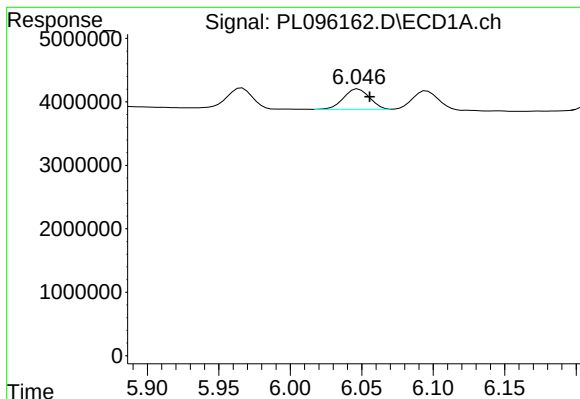
#10 gamma-Chlordane

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 4218451
Conc: 0.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 5838693
Conc: 0.97 ng/ml m



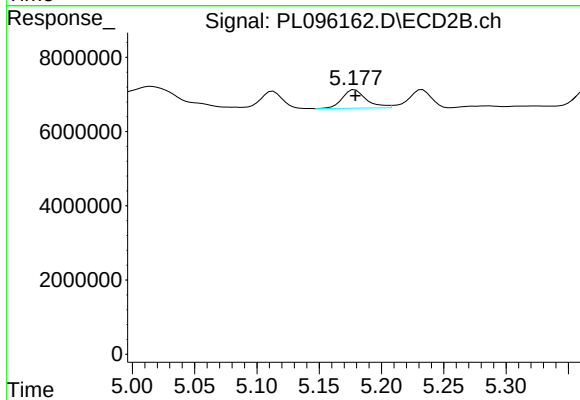
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: -0.009 min
Response: 4073215
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

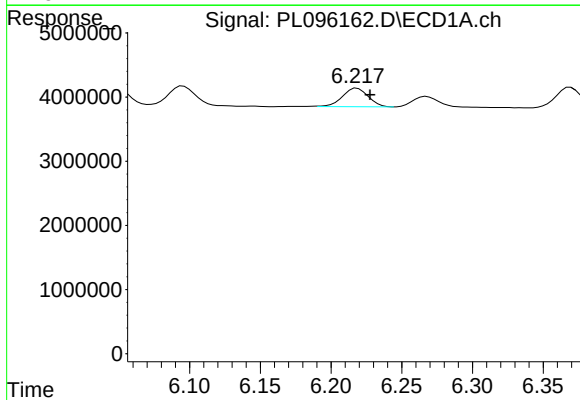
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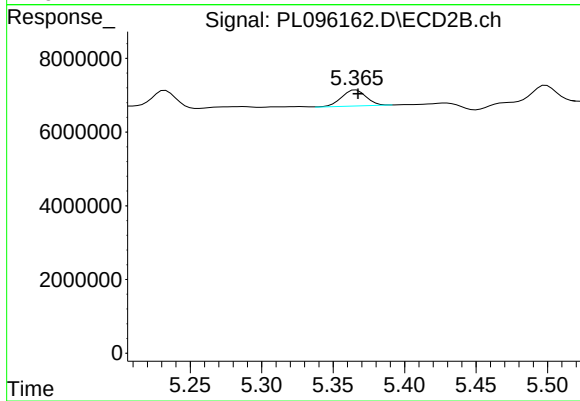
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 6785567
Conc: 1.10 ng/ml m



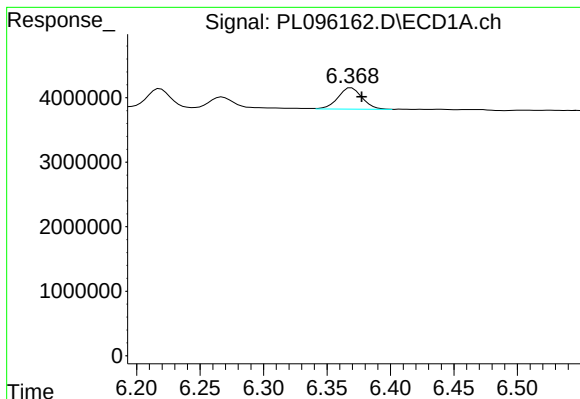
#12 4,4'-DDE

R.T.: 6.217 min
Delta R.T.: -0.011 min
Response: 3665749
Conc: 0.92 ng/ml m



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 5232552
Conc: 0.89 ng/ml m



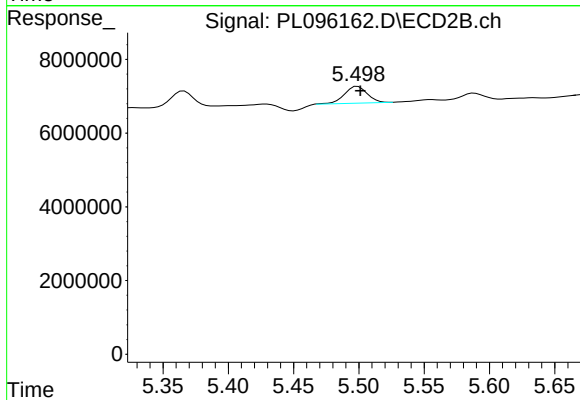
#13 Dieldrin

R.T.: 6.368 min
Delta R.T.: -0.010 min
Response: 4364389
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

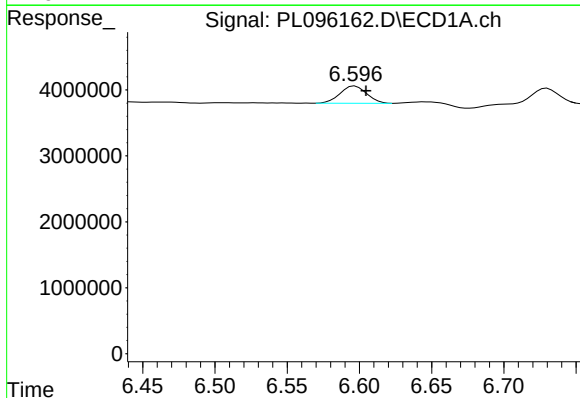
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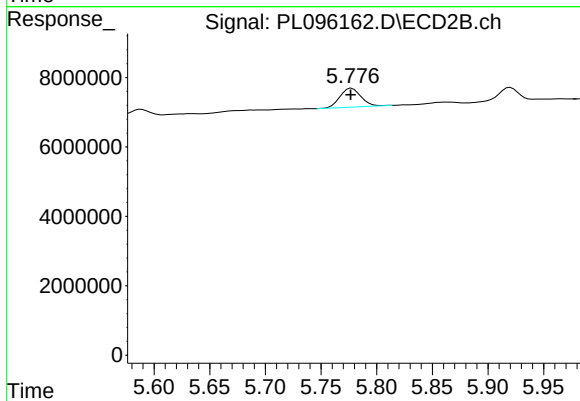
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 5523226
Conc: 0.93 ng/ml



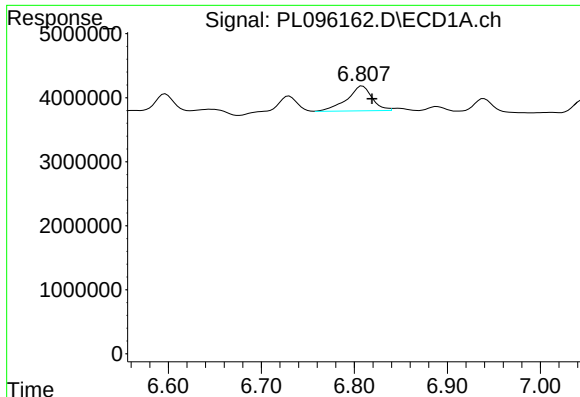
#14 Endrin

R.T.: 6.596 min
Delta R.T.: -0.009 min
Response: 3365245
Conc: 0.94 ng/ml m



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 7217275
Conc: 1.32 ng/ml



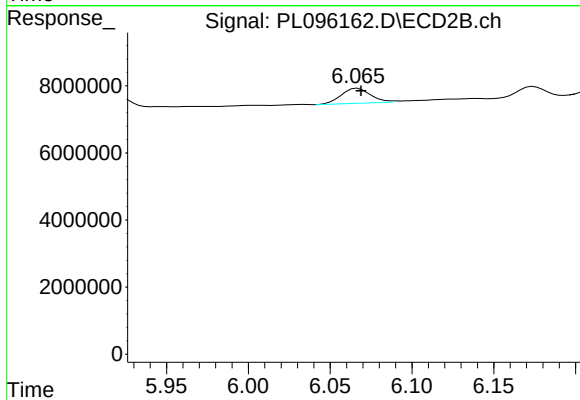
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.012 min
Response: 7388429
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

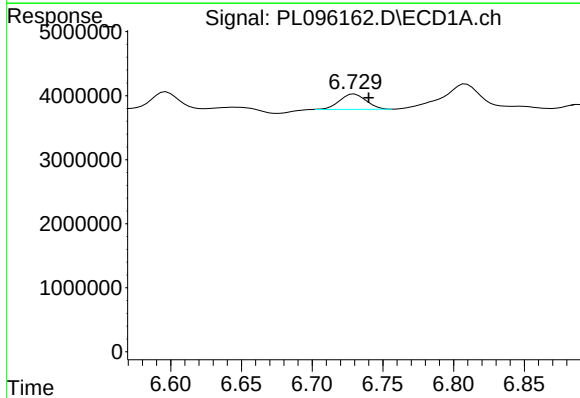
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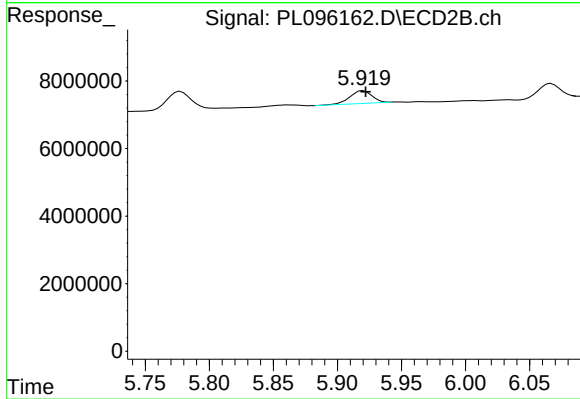
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 5600682
Conc: 1.05 ng/ml m



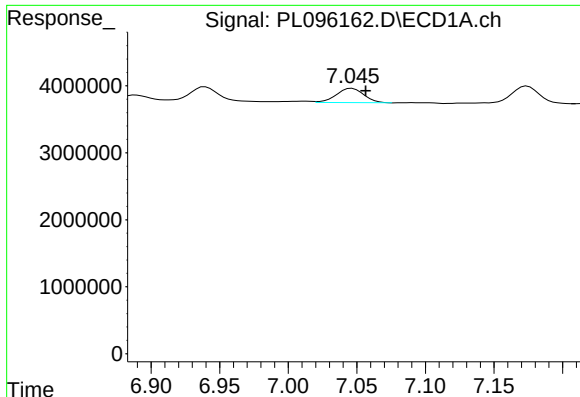
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.011 min
Response: 3197771
Conc: 0.97 ng/ml m



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 4527387
Conc: 0.94 ng/ml



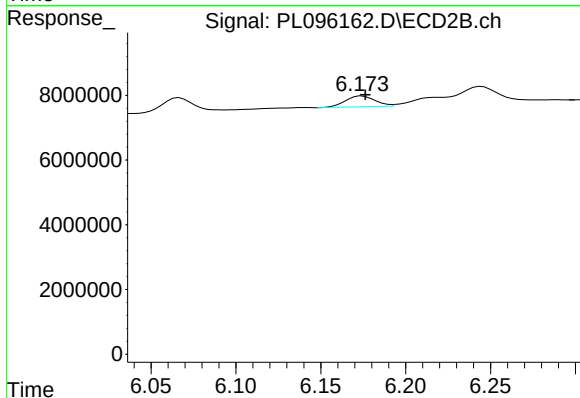
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: -0.011 min
Response: 2961940
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

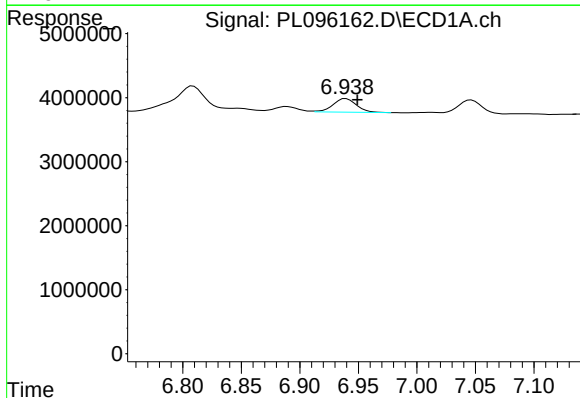
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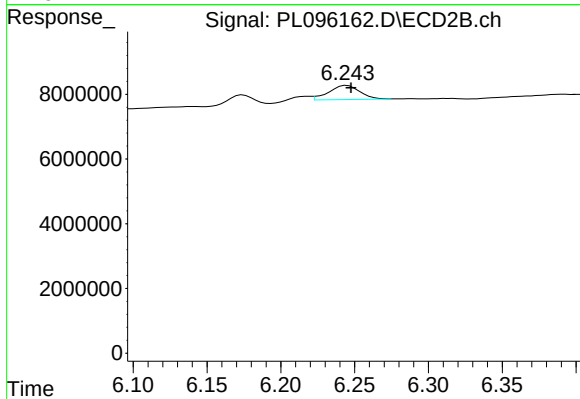
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 4246480
Conc: 0.77 ng/ml m



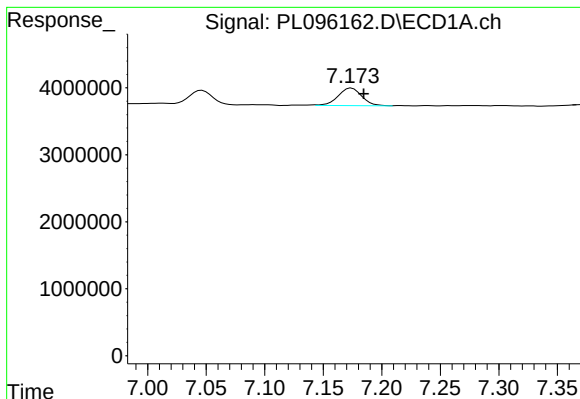
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.011 min
Response: 2955427
Conc: 1.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: -0.004 min
Response: 6346954
Conc: 1.52 ng/ml m



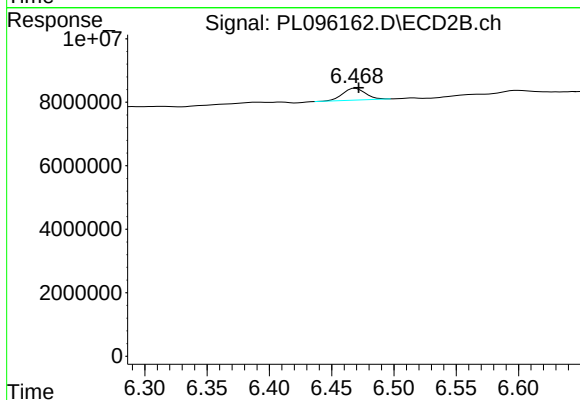
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.012 min
Response: 3653872
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

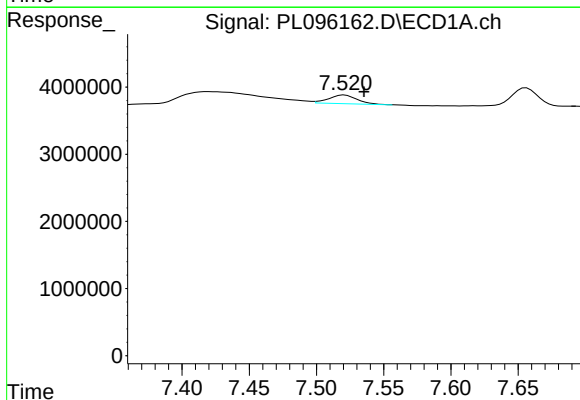
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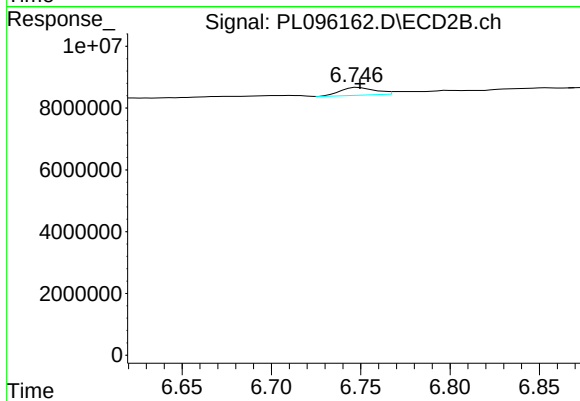
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 4752604
Conc: 0.93 ng/ml



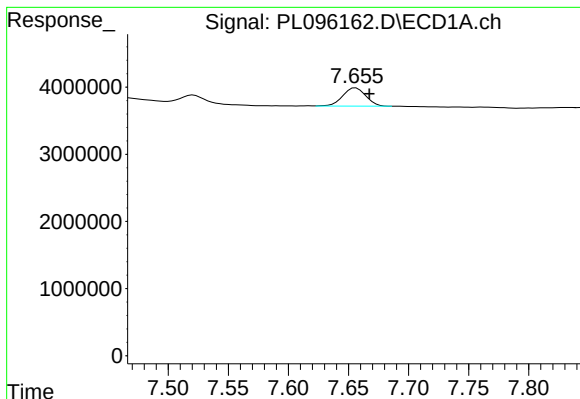
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.016 min
Response: 1839717
Conc: 1.12 ng/ml m



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 3602669
Conc: 1.23 ng/ml m



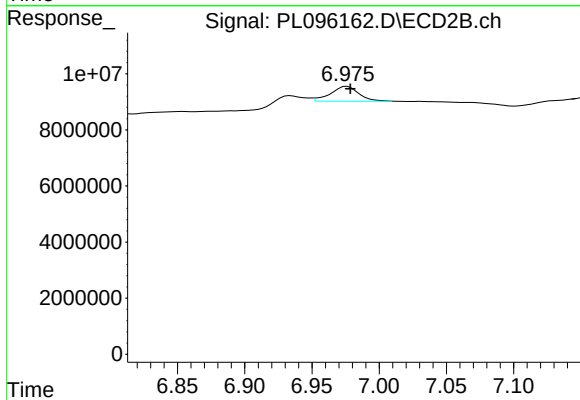
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.013 min
Response: 3656492
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

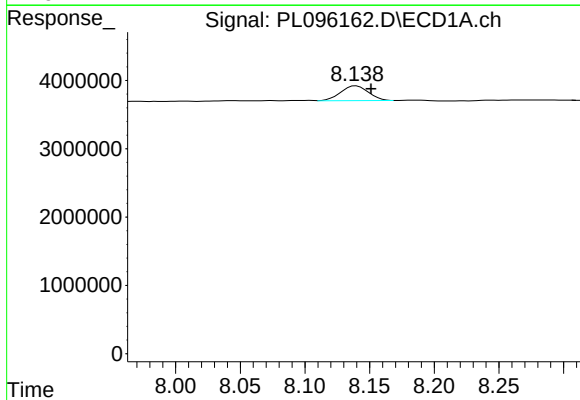
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



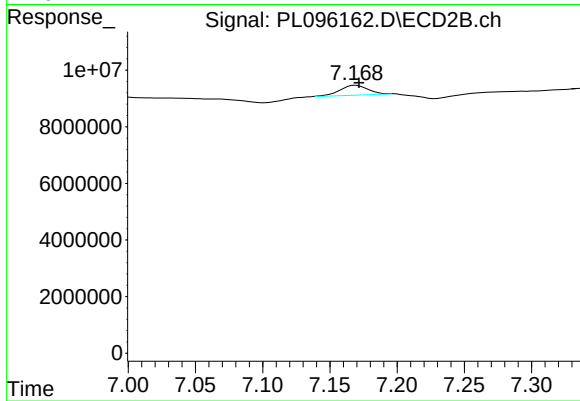
#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 7641245
Conc: 1.28 ng/ml m



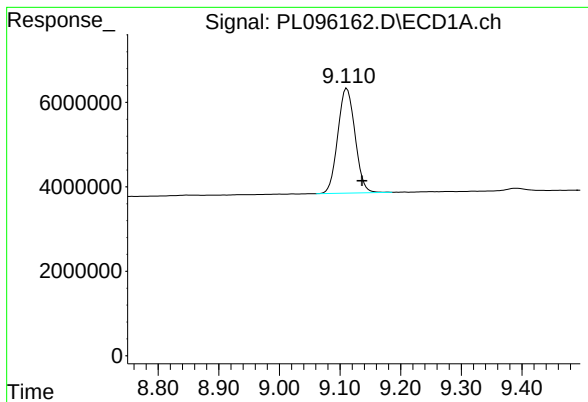
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.013 min
Response: 3222765
Conc: 1.18 ng/ml m



#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 5082946
Conc: 1.06 ng/ml m



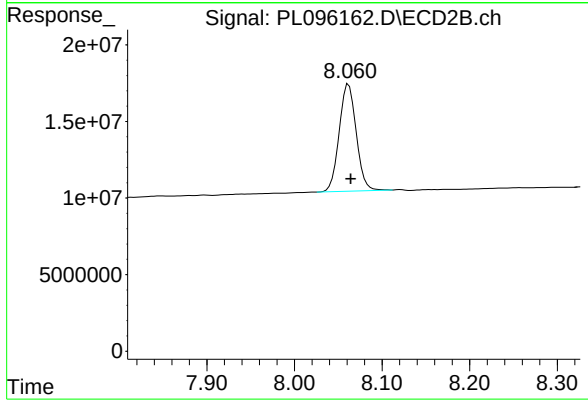
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.025 min
Response: 48931997
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 94703018
Conc: 17.60 ng/ml