

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093878.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 10:29
 Operator : AR\AJ
 Sample : Q1168-03
 Misc : PEST MDL 1PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2025
 Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 17:23:21 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...	3.540	2.774	50469207	57694490	18.743	17.675
28) SA Decachlor...	9.057	7.910	45405765	73133447	21.705	20.871
Target Compounds						
2) A alpha-BHC	3.996	3.276	4735816	4122390	1.235	0.843 #
3) MA gamma-BHC...	4.329	3.606	4275149	3637695	1.161	0.767 #
4) MA Heptachlor	4.915	3.945	4086270	4198558	1.247	0.902 #
5) MB Aldrin	5.257	4.224	4091635	3986311	1.251	0.874 #
6) B beta-BHC	4.527	3.907	1963873	2009248	1.222	1.006
7) B delta-BHC	4.771	4.135	4718114	4130189	1.346m	0.869 #
8) B Heptachlo...	5.683	4.727	3640334	3979955	1.224	0.952
9) A Endosulfan I	6.070	5.096	3606141	4079583	1.364	1.052
10) B gamma-Chl...	5.938	4.975	3063791	4359211	1.099m	1.029m
11) B alpha-Chl...	6.019	5.039	3613058	4168678	1.296	0.996m
12) B 4,4'-DDE	6.193	5.230	3317082	3997975	1.362	0.997 #
13) MA Dieldrin	6.344	5.361	3772018	4068924	1.359	0.947 #
14) MA Endrin	6.574	5.635	2684201	3767003	1.145	1.020m
15) B Endosulfa...	6.794	5.930	3247771	3951301	1.348m	1.067m
16) A 4,4'-DDD	6.709	5.784	2544840	3405014	1.339m	1.079
17) MA 4,4'-DDT	7.024	6.034	2432816	4090126	1.234	1.257
18) B Endrin al...	6.923	6.110	2646232	3879900	1.361m	1.274
19) B Endosulfa...	7.159	6.332	3219615	3302026	1.422	0.926m#
20) A Methoxychlor	7.501	6.610	1461700	2106738	1.401	1.178
21) B Endrin ke...	7.644	6.839	3536511	4280657	1.402	1.020 #
22) Mirex	8.117	7.018	3211888	3633068	1.542	1.074m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 10:29
Operator : AR\AJ
Sample : Q1168-03
Misc : PEST MDL 1PPB
ALS Vial : 6 Sample Multiplier: 1

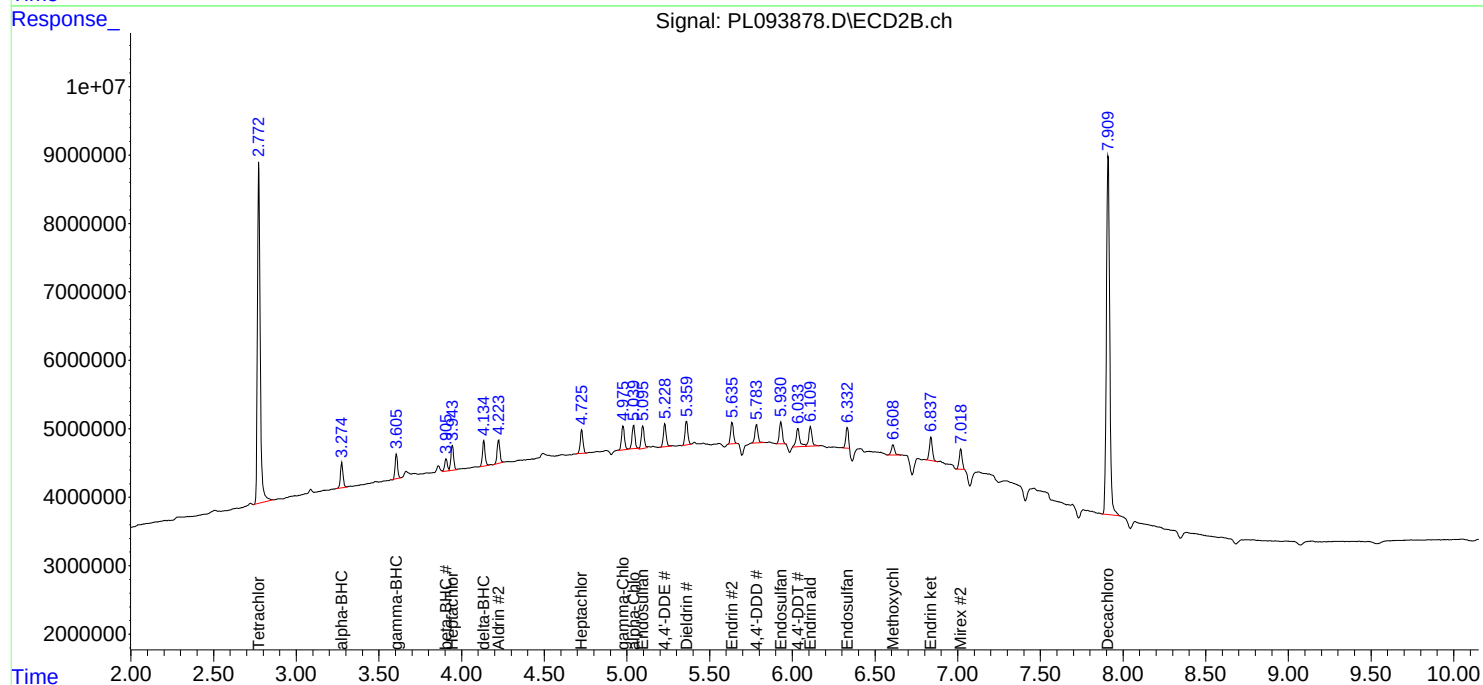
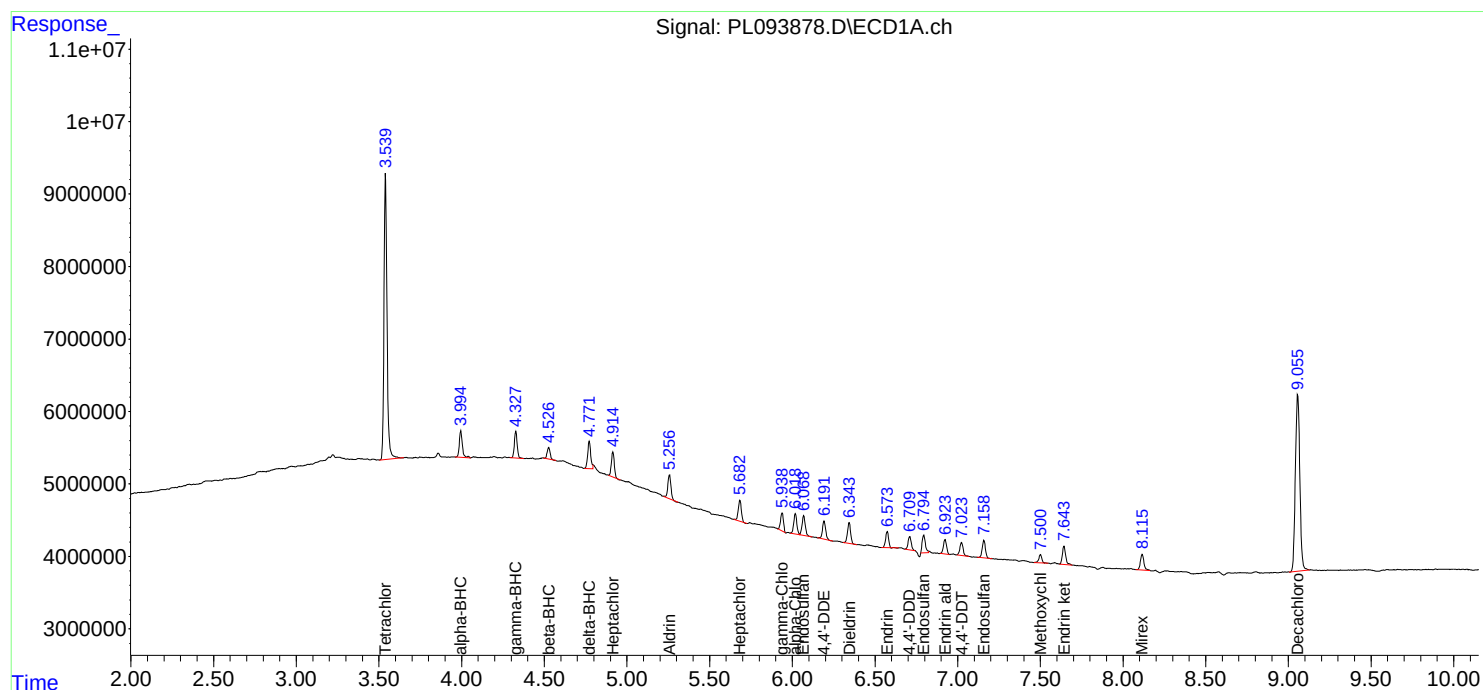
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

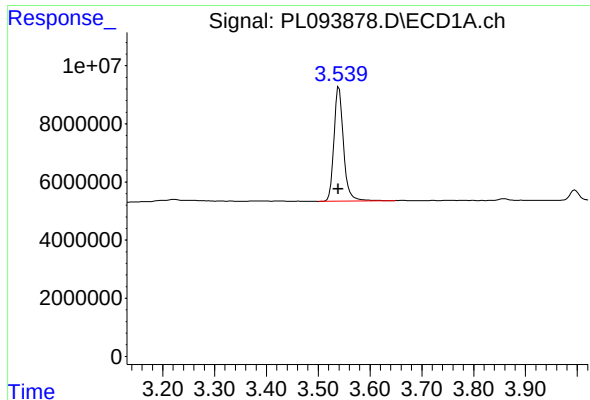
Manual Integrations
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Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 17:23:21 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





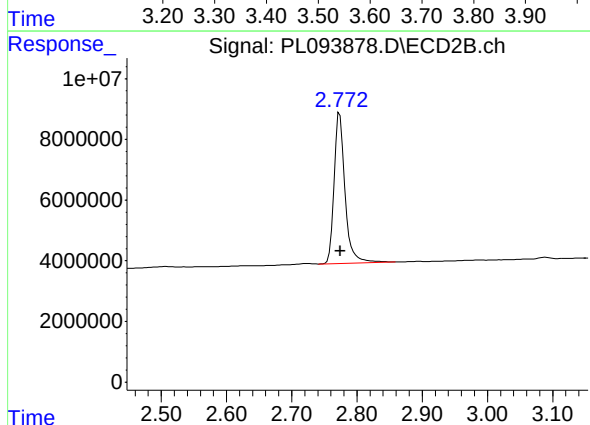
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 50469207
Conc: 18.74 ng/ml

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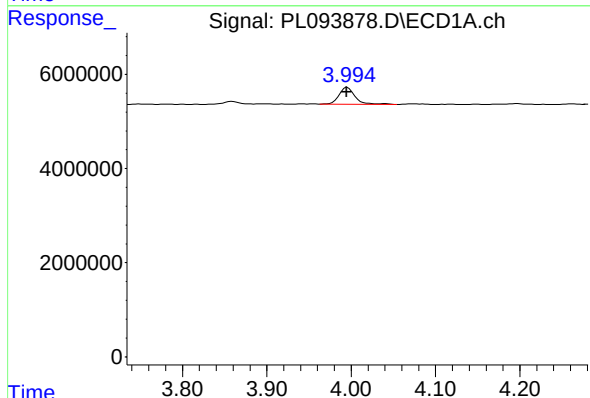
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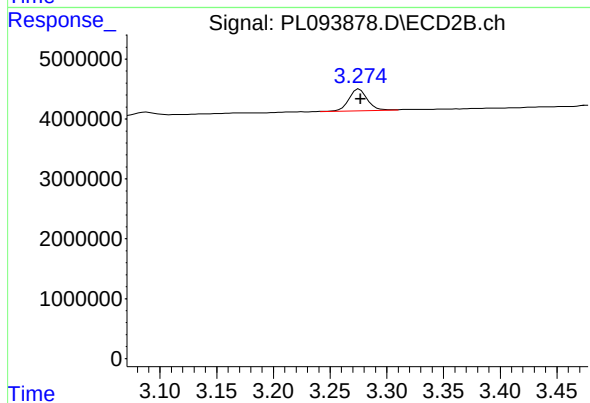
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 57694490
Conc: 17.68 ng/ml



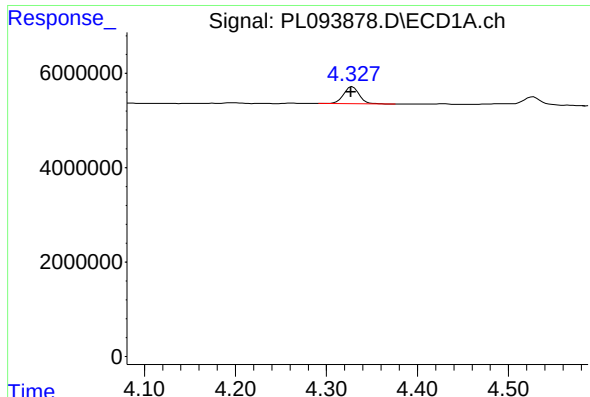
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 4735816
Conc: 1.24 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 4122390
Conc: 0.84 ng/ml



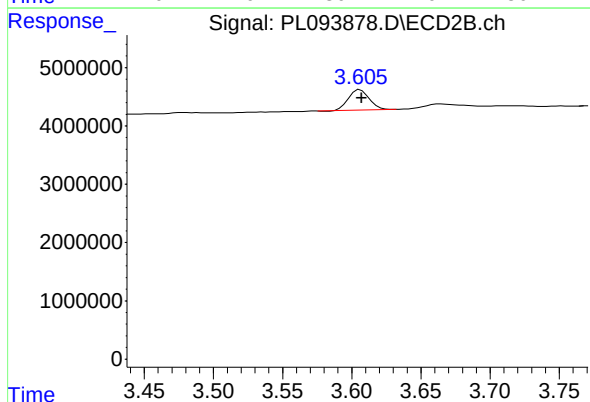
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 4275149
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

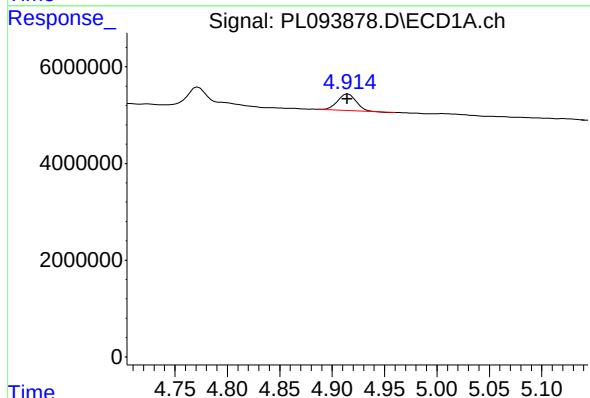
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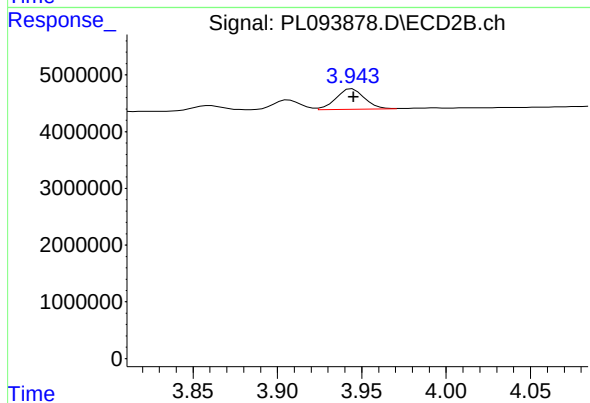
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 3637695
Conc: 0.77 ng/ml



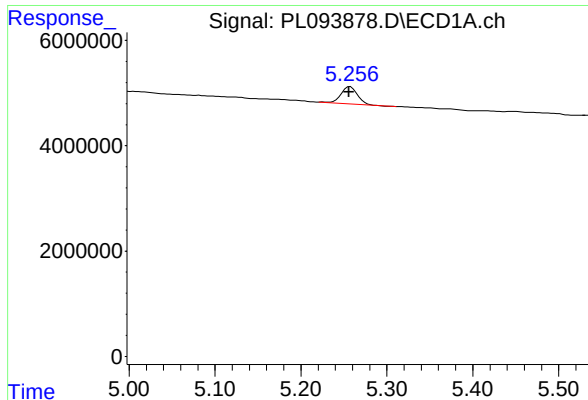
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 4086270
Conc: 1.25 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 4198558
Conc: 0.90 ng/ml



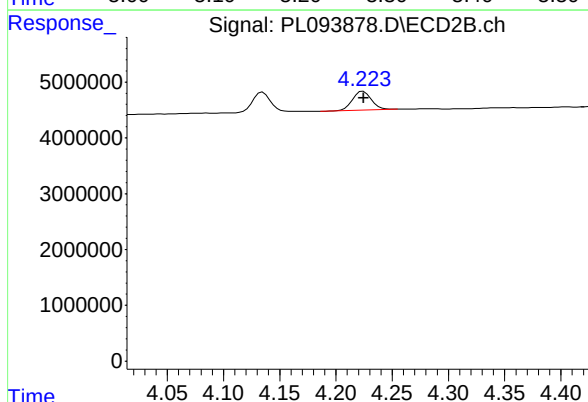
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.002 min
Response: 4091635
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

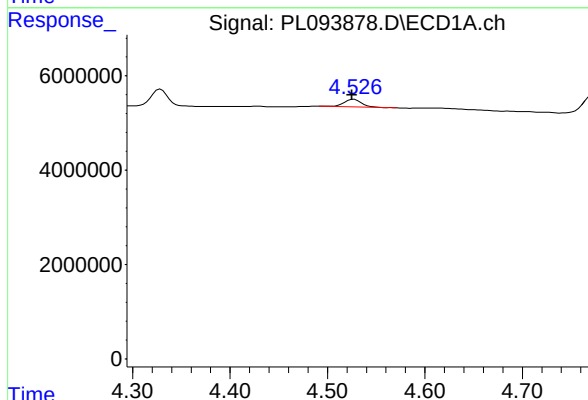
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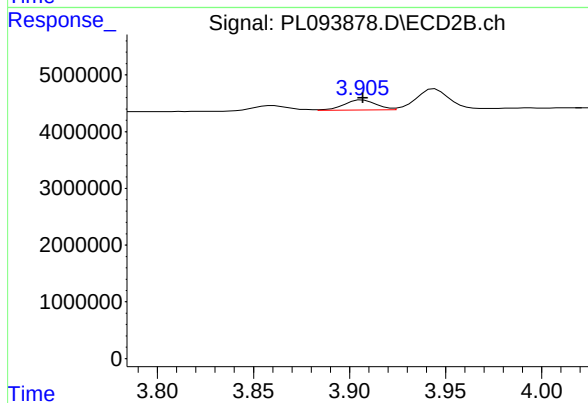
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 3986311
Conc: 0.87 ng/ml



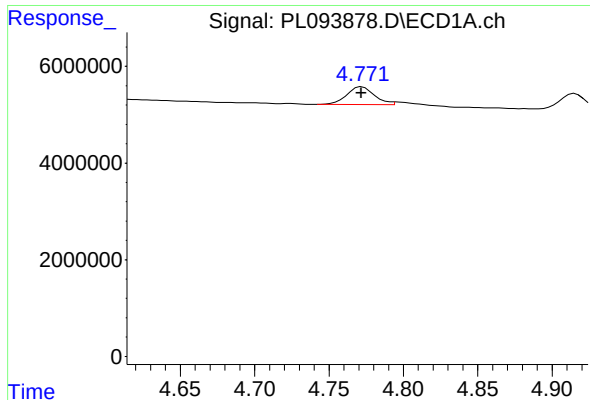
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 1963873
Conc: 1.22 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 2009248
Conc: 1.01 ng/ml



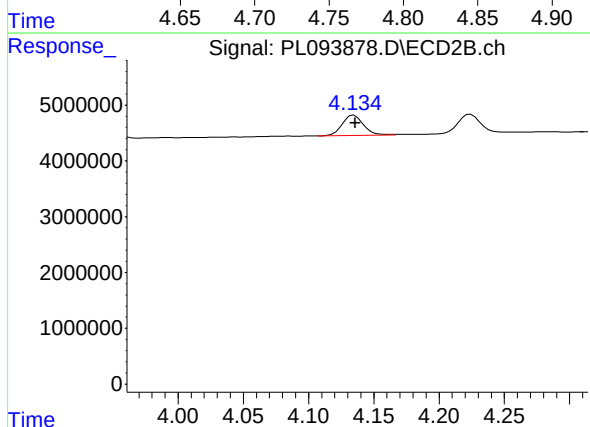
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 4718114
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

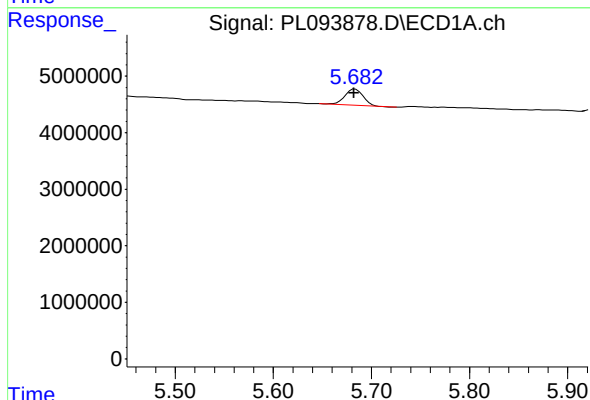
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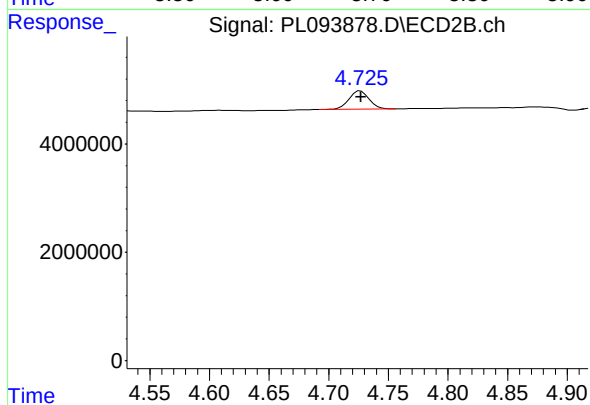
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 4130189
Conc: 0.87 ng/ml



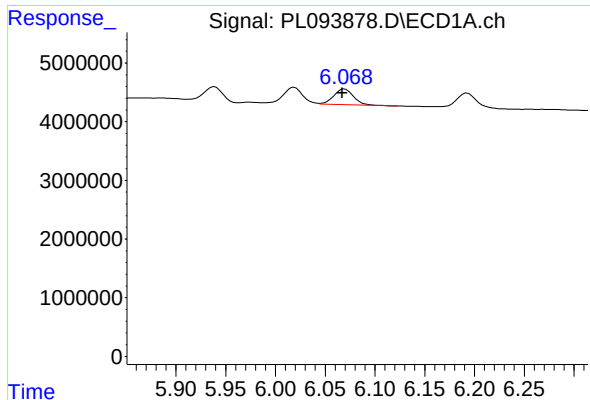
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 3640334
Conc: 1.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 3979955
Conc: 0.95 ng/ml



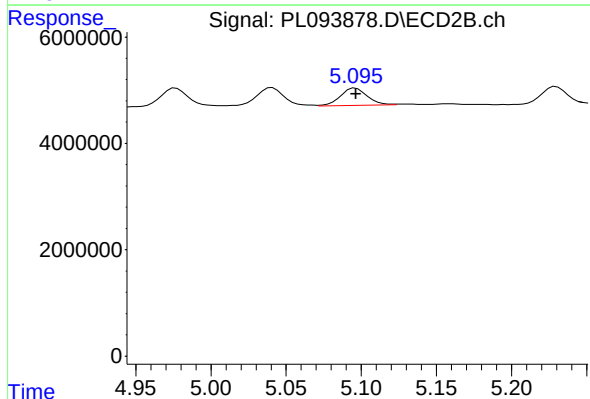
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 3606141
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

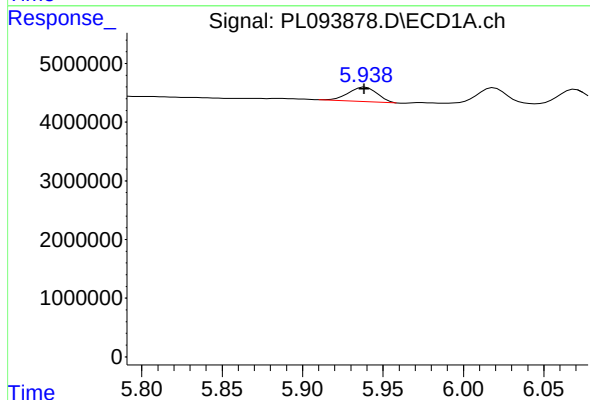
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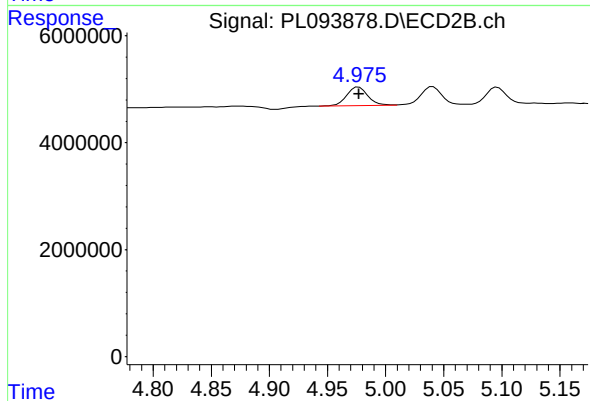
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 4079583
Conc: 1.05 ng/ml



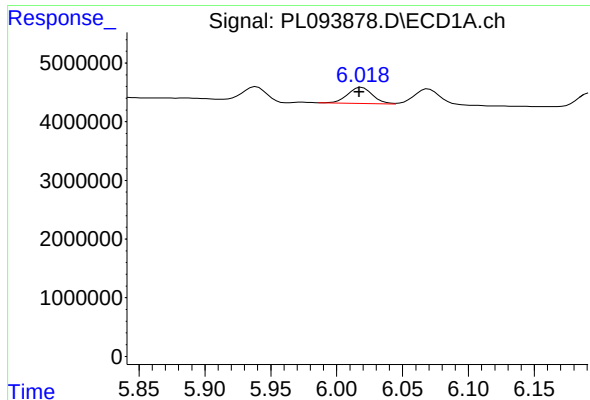
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 3063791
Conc: 1.10 ng/ml m



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 4359211
Conc: 1.03 ng/ml m



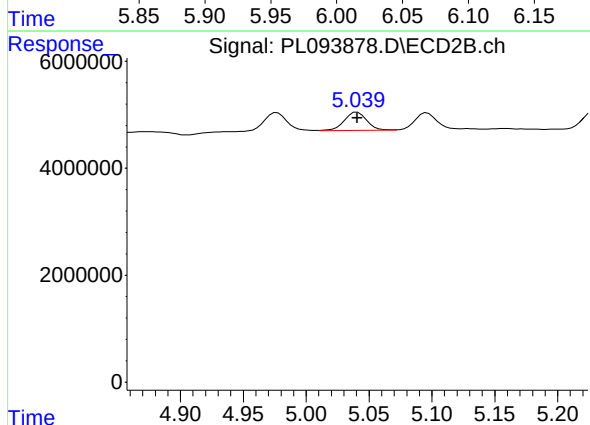
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 3613058
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

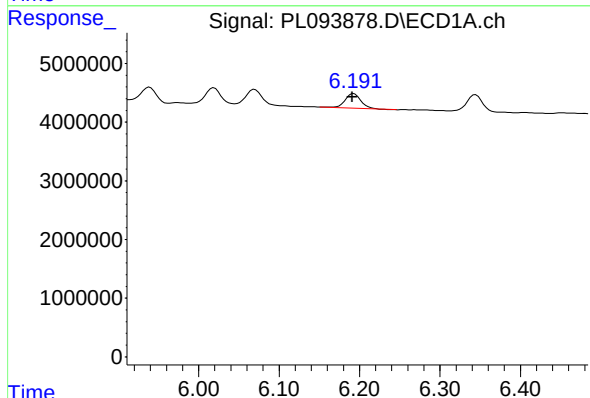
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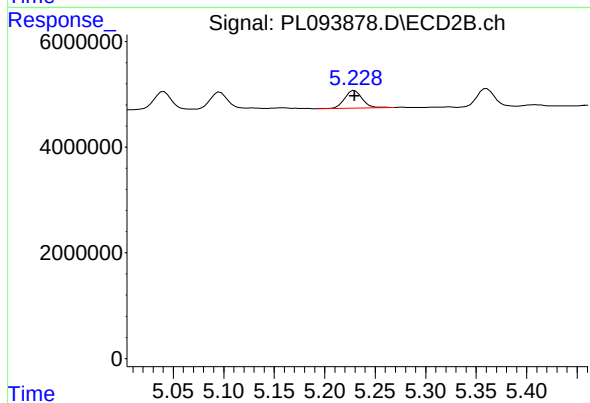
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 4168678
Conc: 1.00 ng/ml m



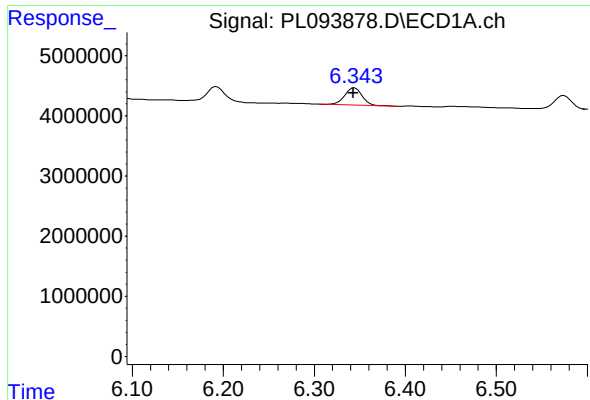
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 3317082
Conc: 1.36 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 3997975
Conc: 1.00 ng/ml



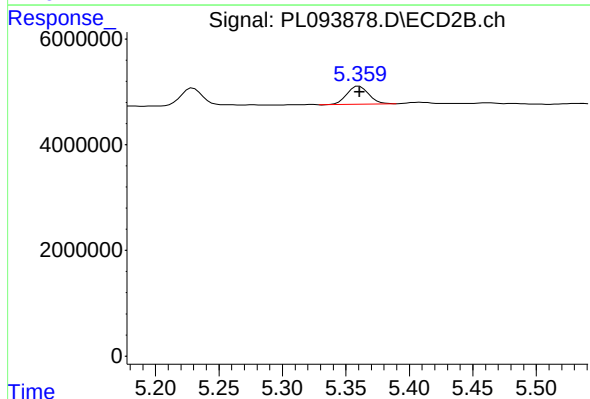
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 3772018
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

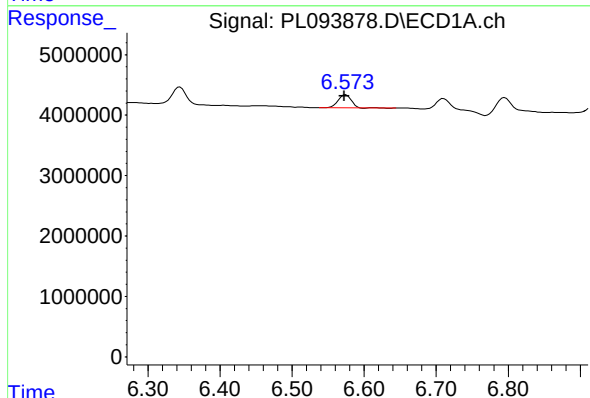
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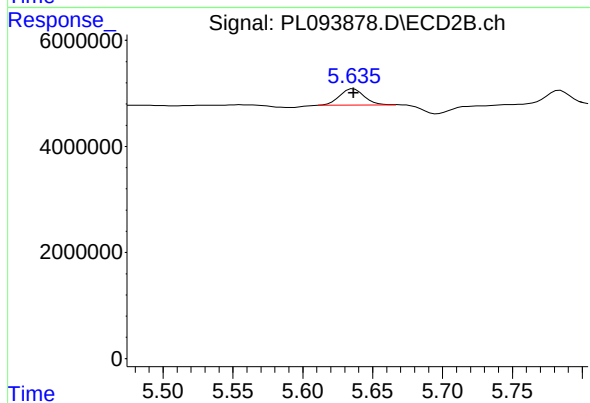
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 4068924
Conc: 0.95 ng/ml



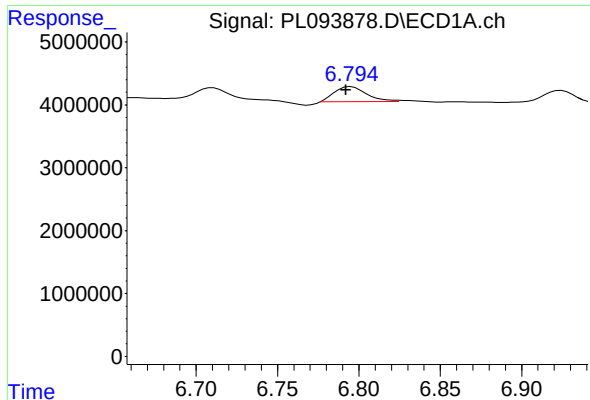
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 2684201
Conc: 1.14 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 3767003
Conc: 1.02 ng/ml m



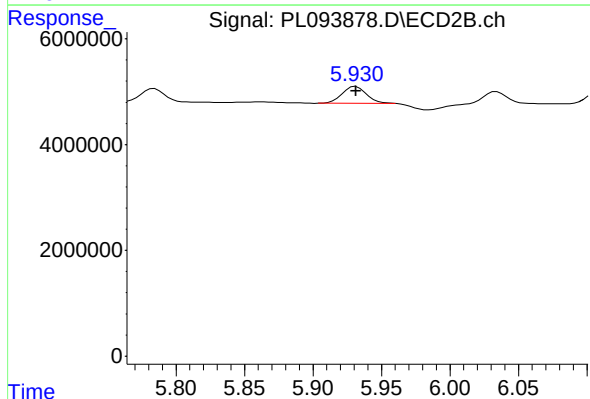
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 3247771
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

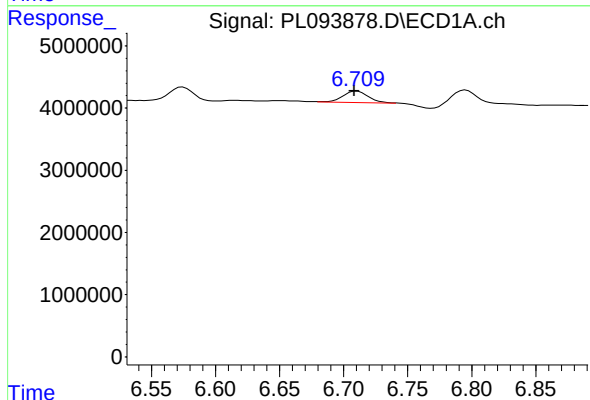
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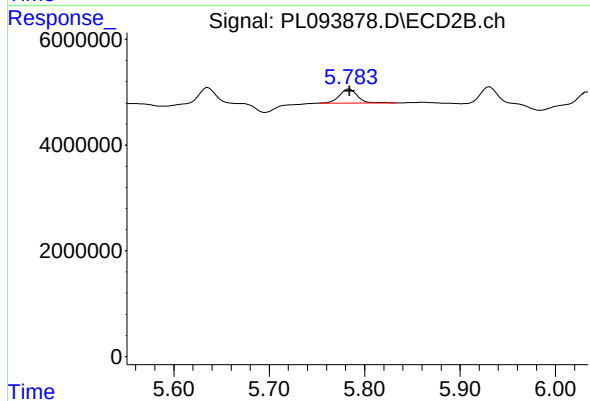
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 3951301
Conc: 1.07 ng/ml m



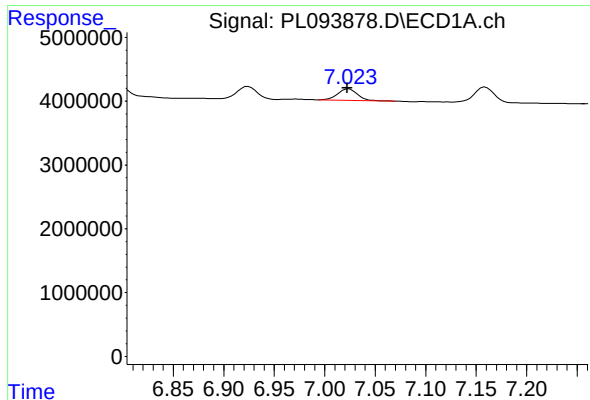
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2544840
Conc: 1.34 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 3405014
Conc: 1.08 ng/ml



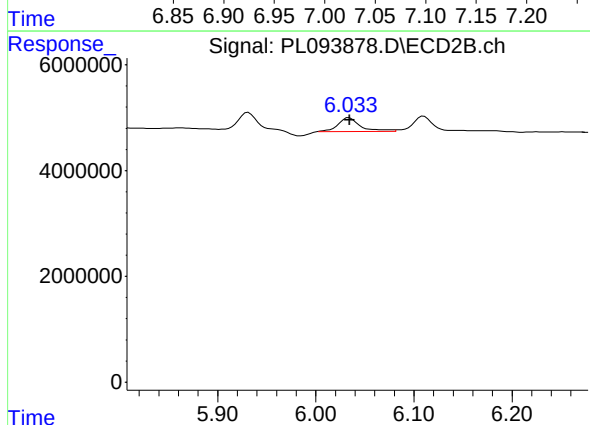
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 2432816
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

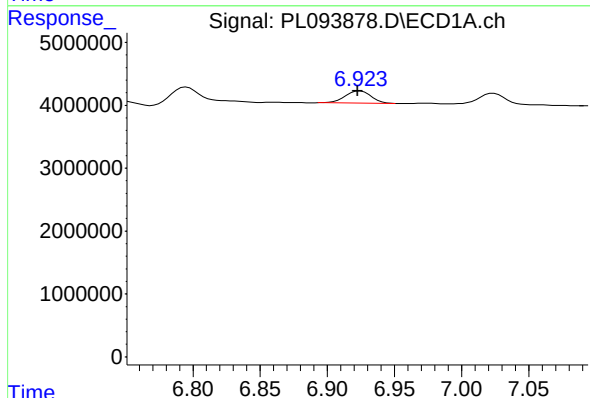
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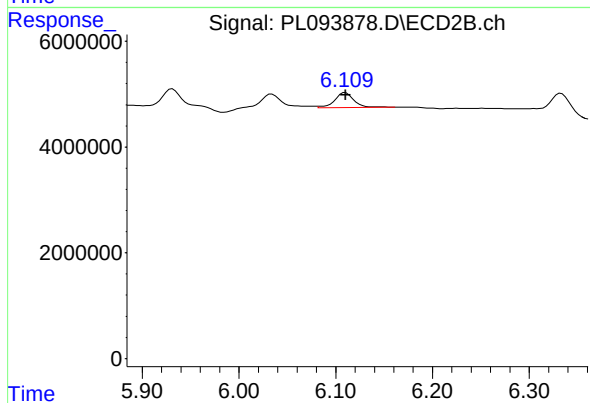
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 4090126
Conc: 1.26 ng/ml



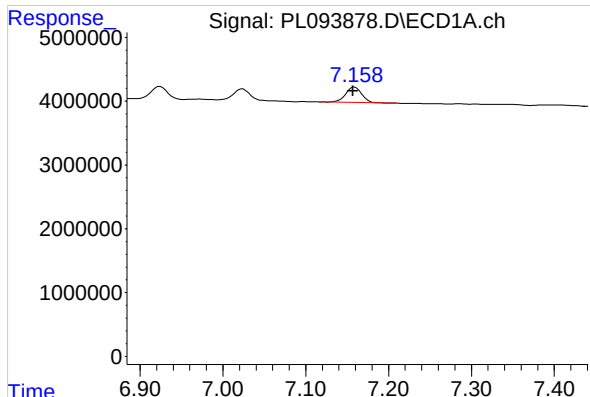
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 2646232
Conc: 1.36 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 3879900
Conc: 1.27 ng/ml



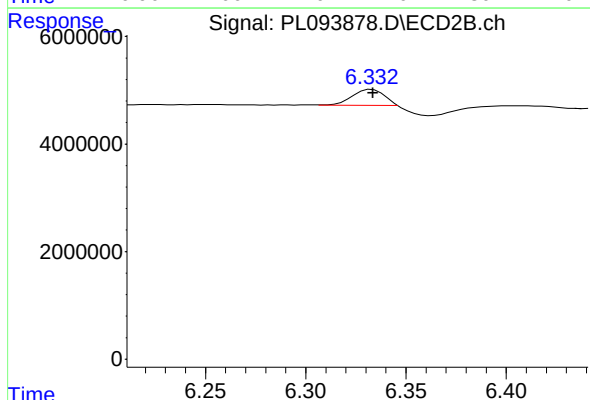
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 3219615
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

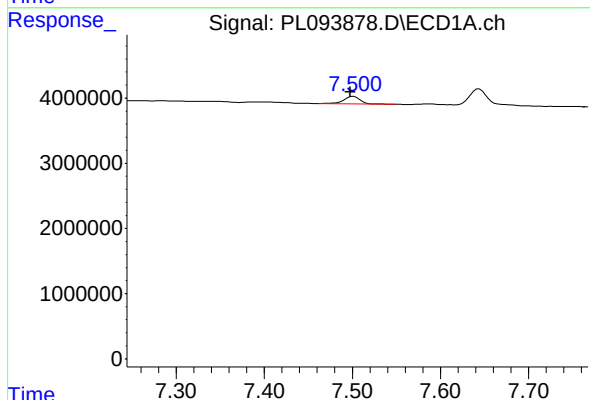
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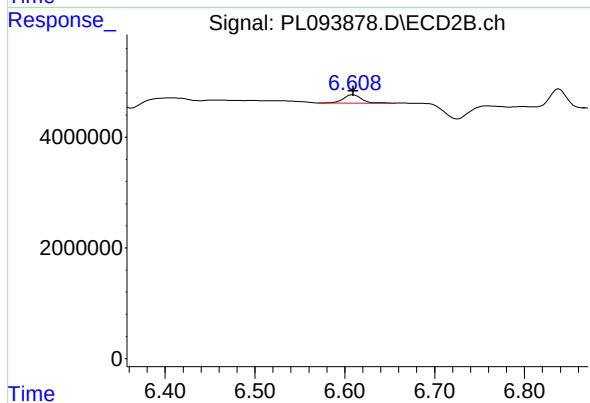
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 3302026
Conc: 0.93 ng/ml



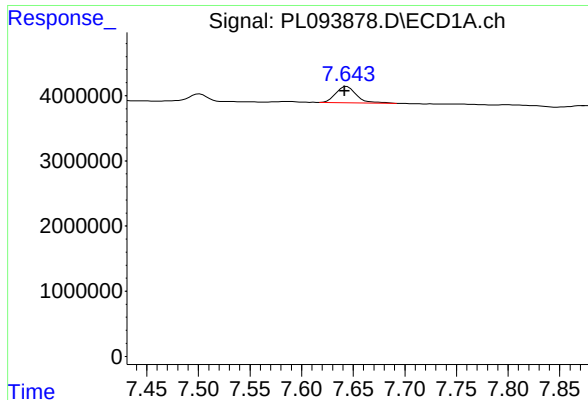
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 1461700
Conc: 1.40 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2106738
Conc: 1.18 ng/ml



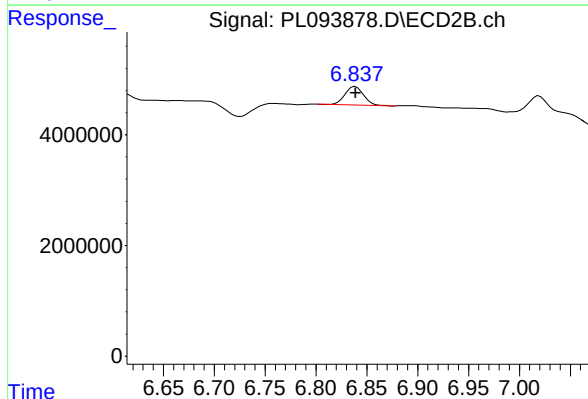
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 3536511
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

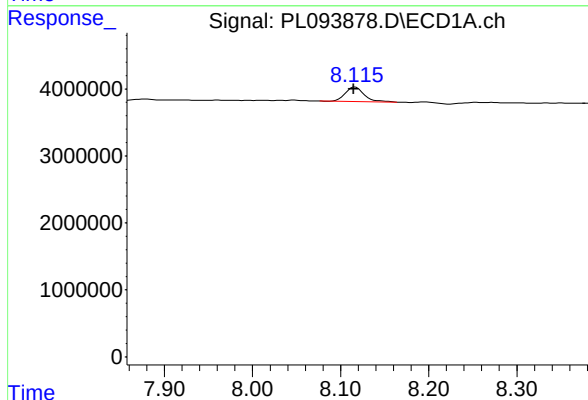
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



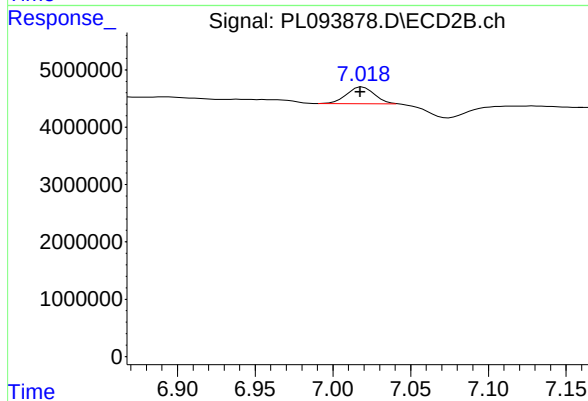
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 4280657
Conc: 1.02 ng/ml



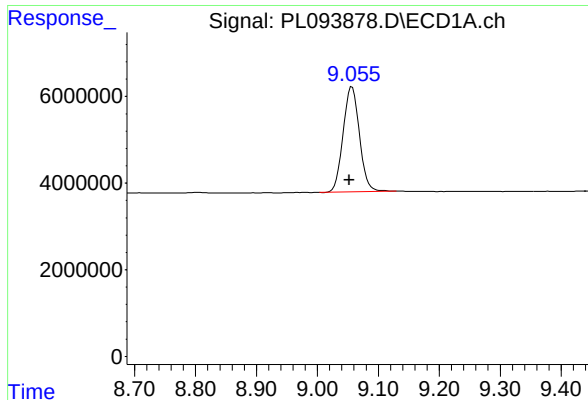
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 3211888
Conc: 1.54 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 3633068
Conc: 1.07 ng/ml m



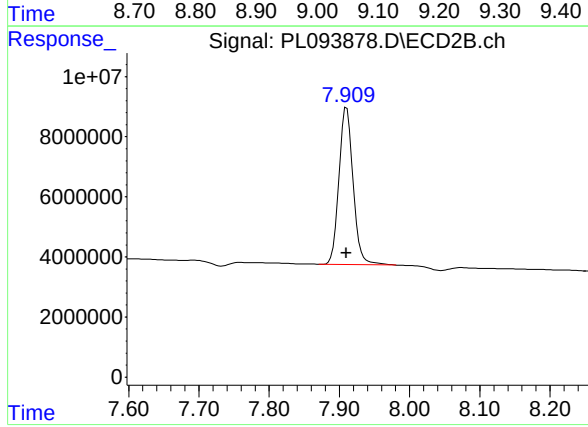
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 45405765
Conc: 21.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 73133447
Conc: 20.87 ng/ml