

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
 Data File : PL093847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 12:01
 Operator : AR\AJ
 Sample : Q1168-03
 Misc : PEST MDL 1PPB
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/30/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 00:23:42 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...	3.548	2.776	51531207	58265081	19.137	17.850
28) SA Decachlor...	9.073f	7.919	48307022	76900547	23.092	21.946
Target Compounds						
2) A alpha-BHC	4.004	3.279	4338809	4013321	1.132	0.821 #
3) MA gamma-BHC...	4.336	3.609	4805430	3847136	1.305	0.811 #
4) MA Heptachlor	4.925	3.948	4469788	4523005	1.364	0.972 #
5) MB Aldrin	5.267	4.228	4832102	4177516	1.477	0.916 #
6) B beta-BHC	4.534	3.910	1788302	2388306	1.113m	1.196
7) B delta-BHC	4.779	4.138	5316774	4328909	1.517m	0.911 #
8) B Heptachlo...	5.694	4.731	3733298	4644908	1.255	1.111
9) A Endosulfan I	6.079	5.101	3600059	4439578	1.362	1.145
10) B gamma-Chl...	5.949	4.980	3753842	4601603	1.347	1.086m
11) B alpha-Chl...	6.029	5.044	3835574	4365422	1.376	1.043m
12) B 4,4'-DDE	6.203	5.234	3402329	4190219	1.397	1.045 #
13) MA Dieldrin	6.354	5.366	3889139	4400625	1.401	1.024 #
14) MA Endrin	6.584	5.642	3112367	4469799	1.327m	1.210
15) B Endosulfa...	6.803	5.937	3481569	4028580	1.445m	1.088
16) A 4,4'-DDD	6.719	5.790	2596062	3856199	1.366m	1.222
17) MA 4,4'-DDT	7.034	6.041	2629662	3876534	1.333	1.191
18) B Endrin al...	6.934	6.116	2848144	3398970	1.465m	1.116
19) B Endosulfa...	7.170	6.340	3483555	4070100	1.539	1.141 #
20) A Methoxychlor	7.511	6.615	1513290	2315346	1.450m	1.295m
21) B Endrin ke...	7.653	6.844	3872174	4639336	1.535m	1.106m#
22) Mirex	8.127	7.026	3174123	4895083	1.524m	1.447

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
Data File : PL093847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 12:01
Operator : AR\AJ
Sample : Q1168-03
Misc : PEST MDL 1PPB
ALS Vial : 8 Sample Multiplier: 1

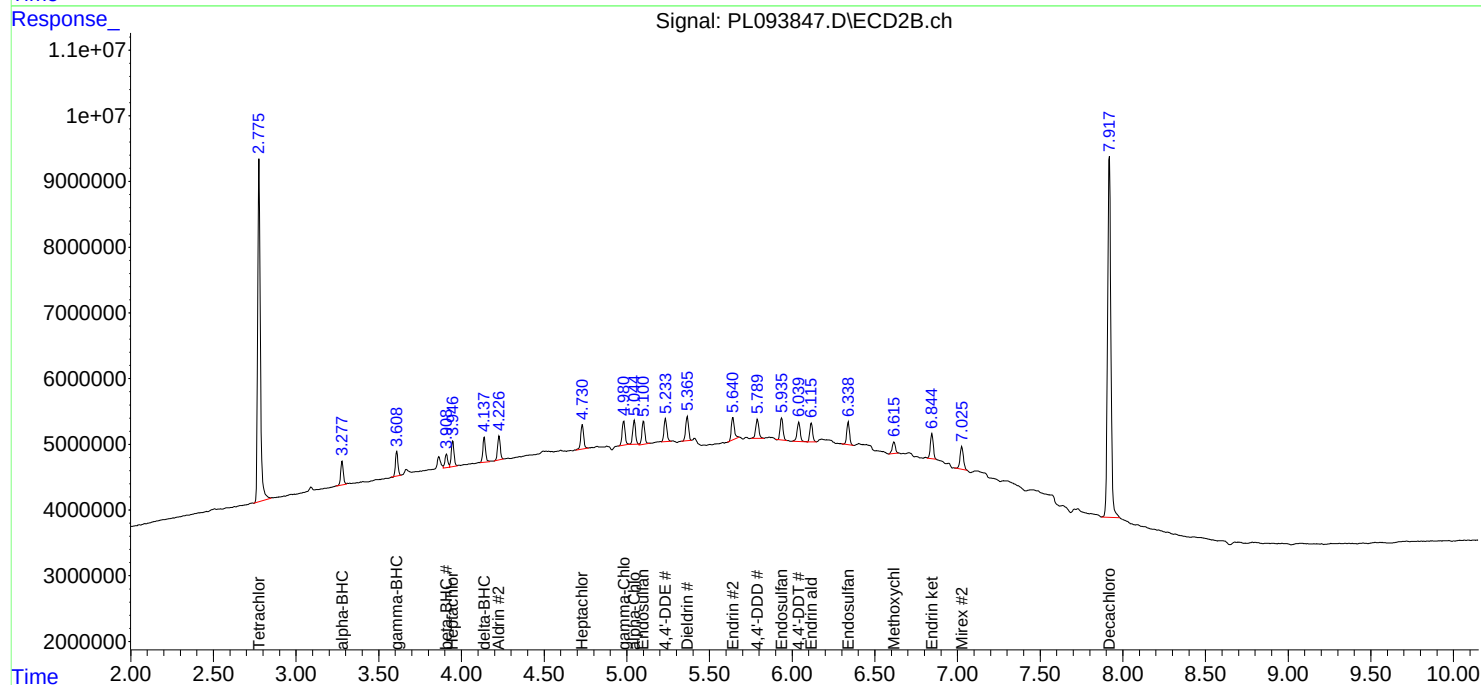
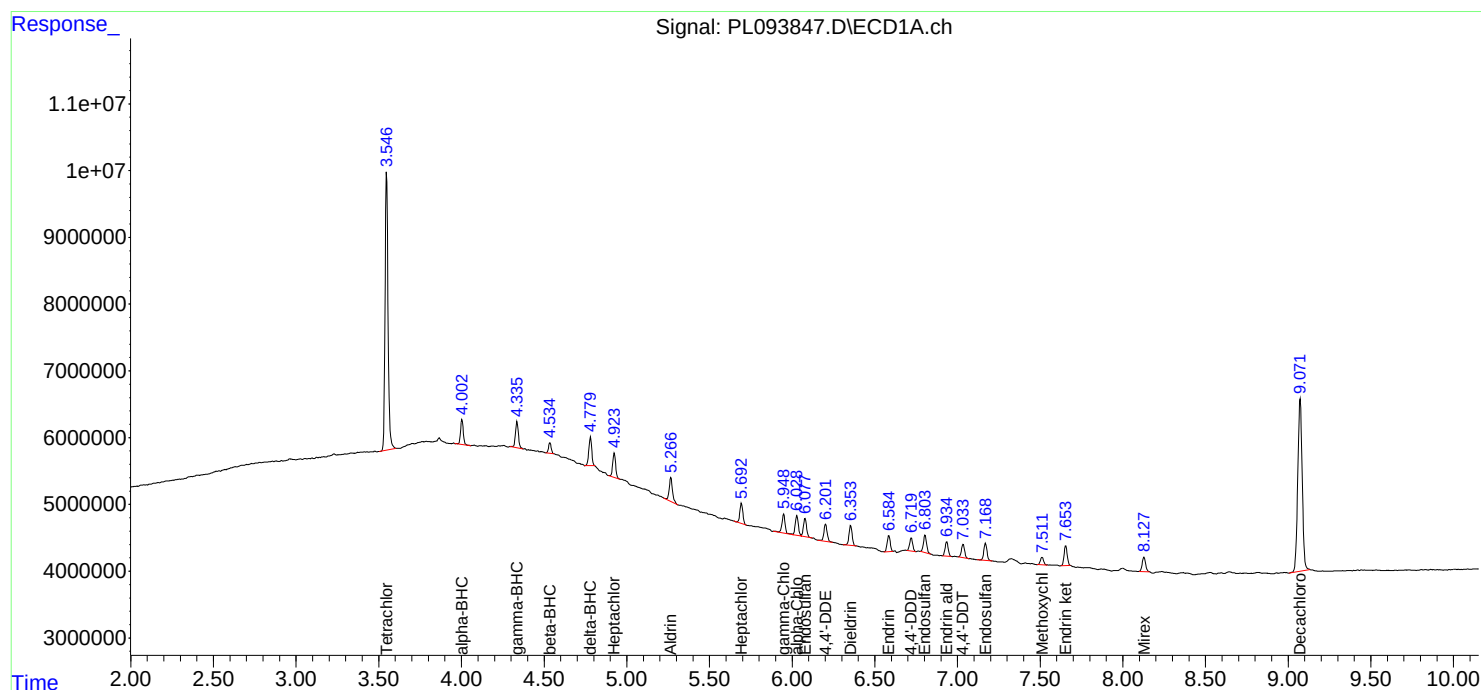
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

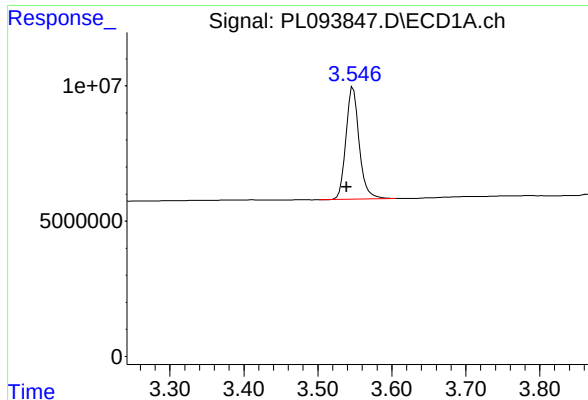
Manual Integrations
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Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 00:23:42 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





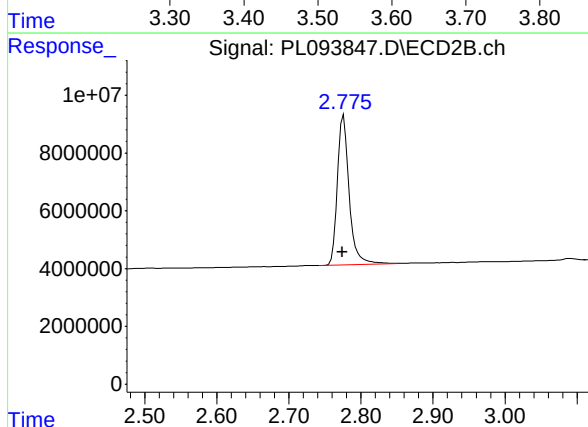
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.009 min
Response: 51531207
Conc: 19.14 ng/ml

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

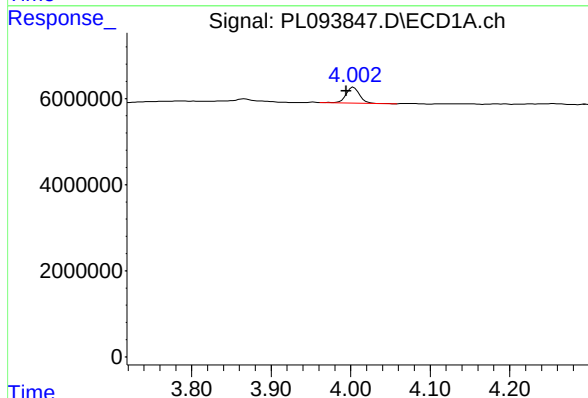
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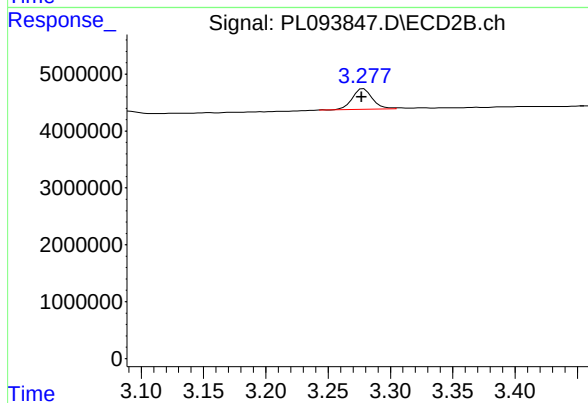
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 58265081
Conc: 17.85 ng/ml



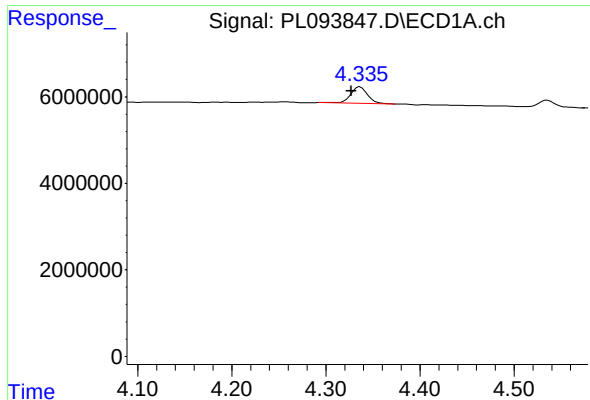
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.009 min
Response: 4338809
Conc: 1.13 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 4013321
Conc: 0.82 ng/ml



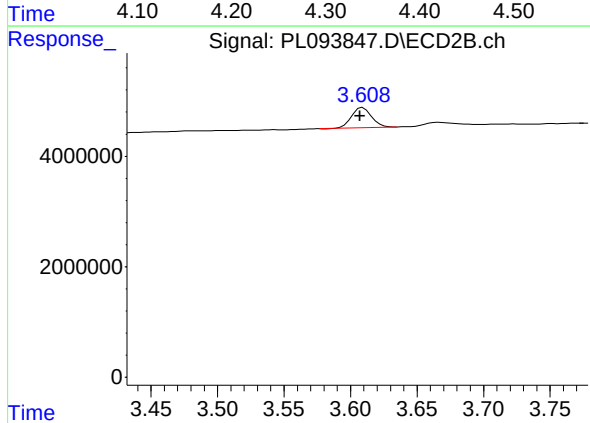
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.009 min
Response: 4805430
Conc: 1.30 ng/ml

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

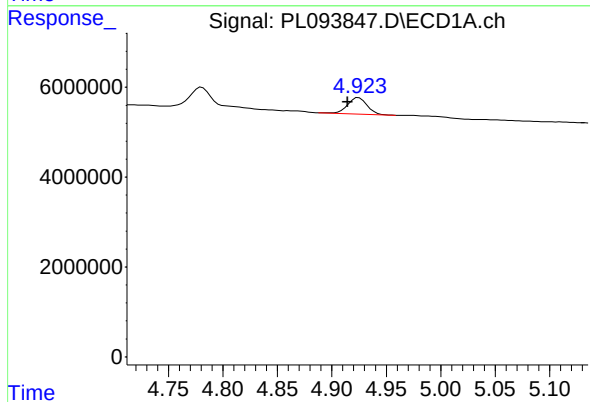
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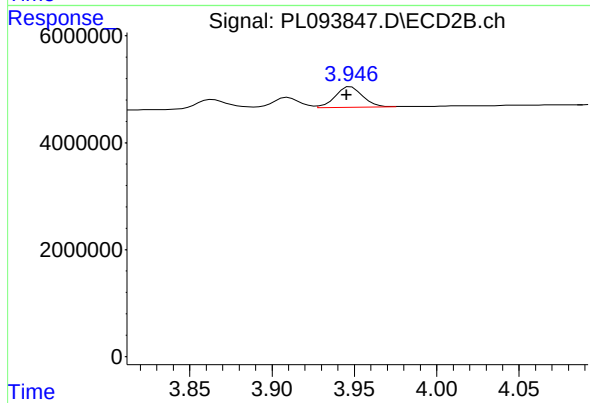
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.002 min
Response: 3847136
Conc: 0.81 ng/ml



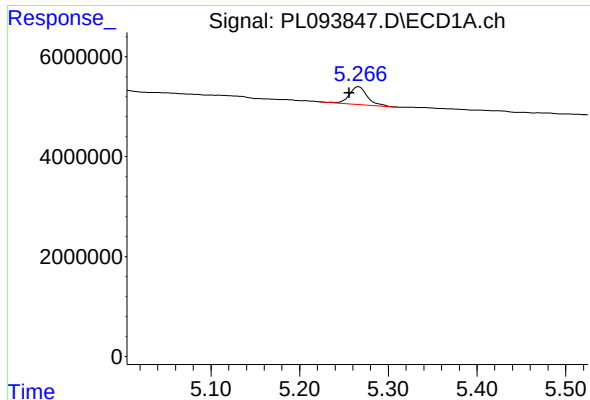
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.010 min
Response: 4469788
Conc: 1.36 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.003 min
Response: 4523005
Conc: 0.97 ng/ml



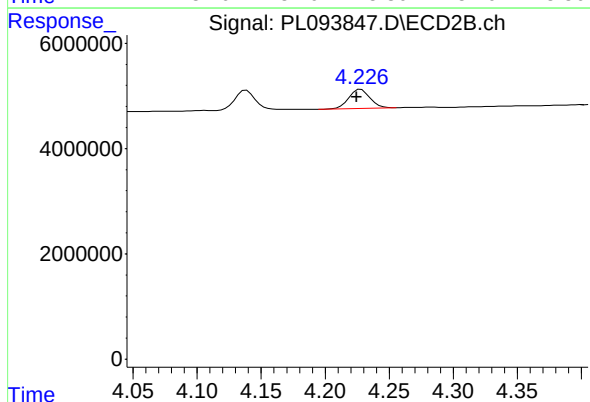
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.011 min
Response: 4832102
Conc: 1.48 ng/ml

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

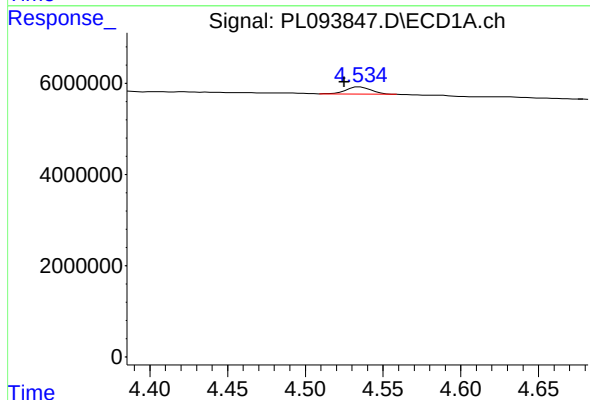
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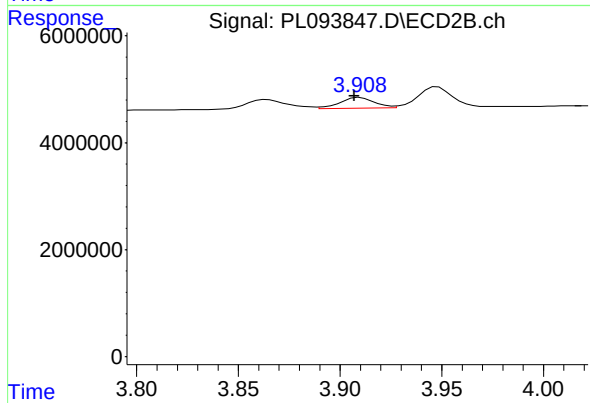
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.003 min
Response: 4177516
Conc: 0.92 ng/ml



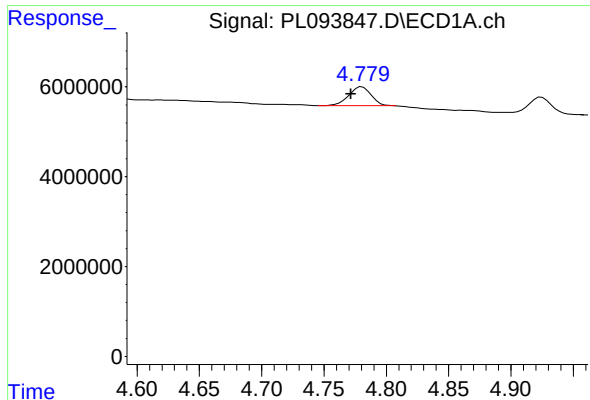
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.009 min
Response: 1788302
Conc: 1.11 ng/ml m



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.003 min
Response: 2388306
Conc: 1.20 ng/ml



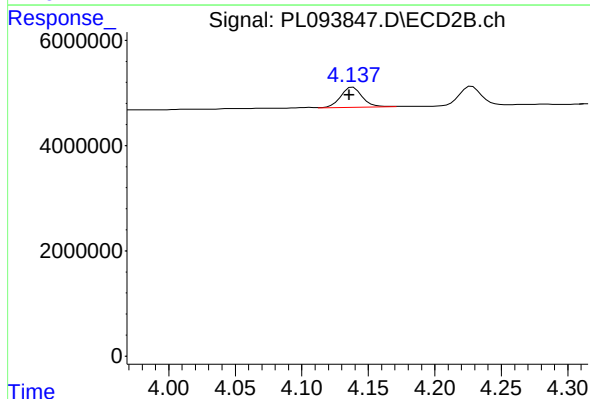
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.007 min
Response: 5316774
Conc: 1.52 ng/ml

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

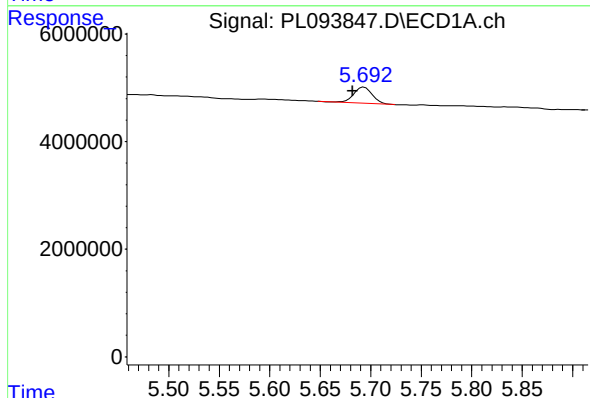
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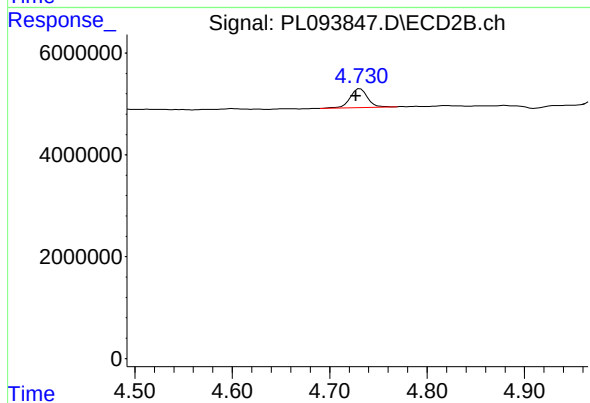
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.003 min
Response: 4328909
Conc: 0.91 ng/ml



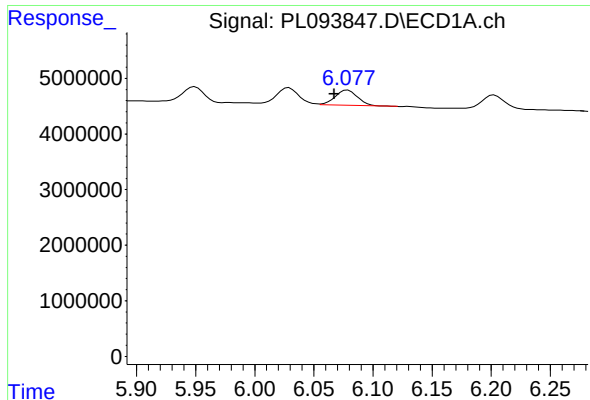
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.011 min
Response: 3733298
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.004 min
Response: 4644908
Conc: 1.11 ng/ml



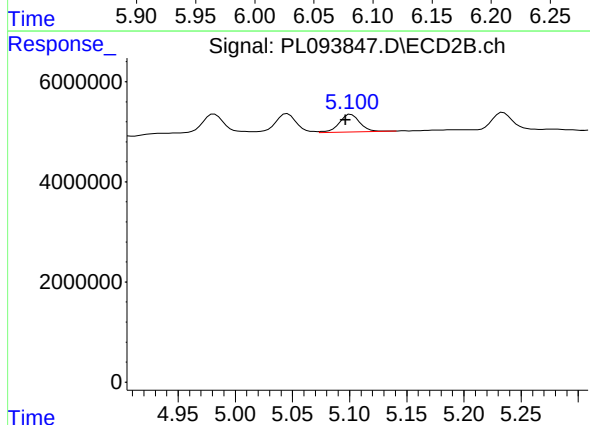
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.011 min
Response: 3600059
Conc: 1.36 ng/ml

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

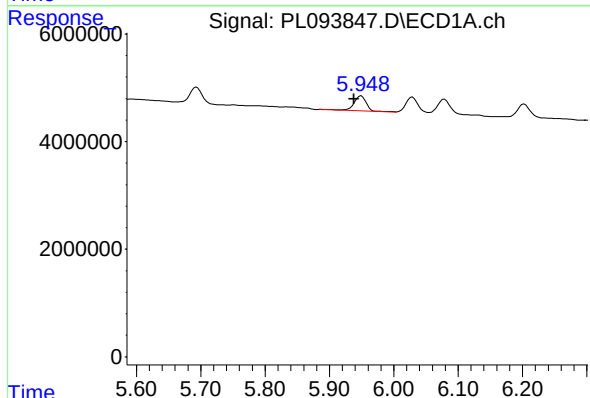
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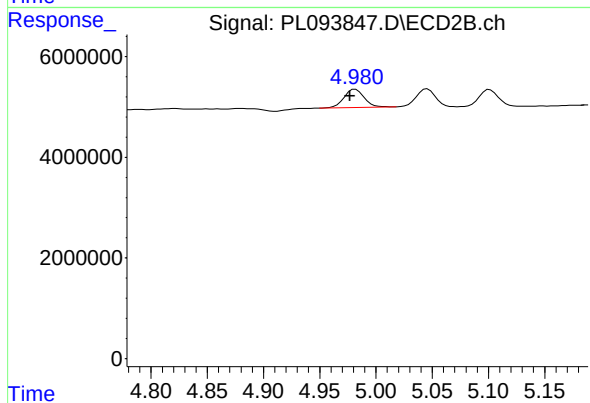
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: 0.005 min
Response: 4439578
Conc: 1.15 ng/ml



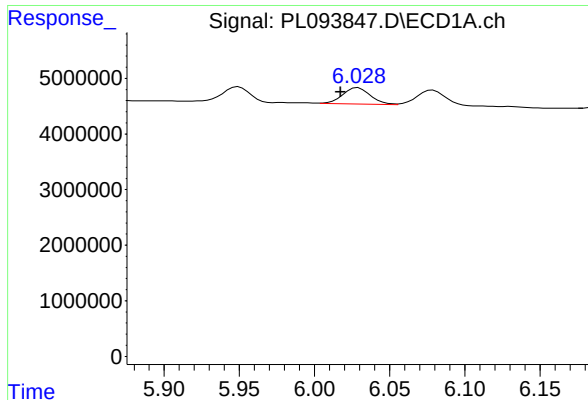
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.011 min
Response: 3753842
Conc: 1.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.003 min
Response: 4601603
Conc: 1.09 ng/ml m



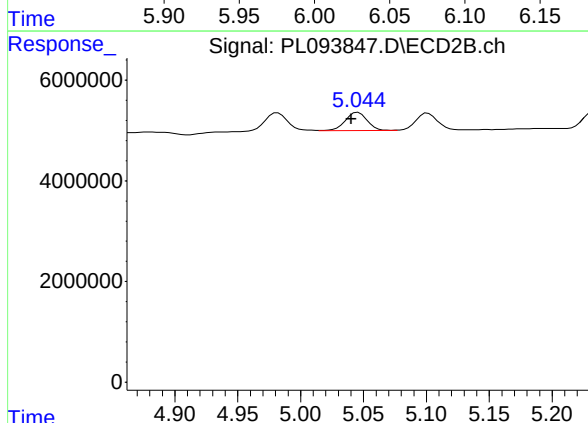
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.012 min
Response: 3835574
Conc: 1.38 ng/ml

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

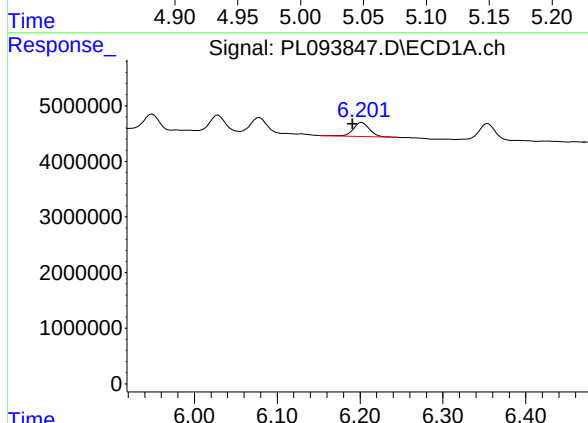
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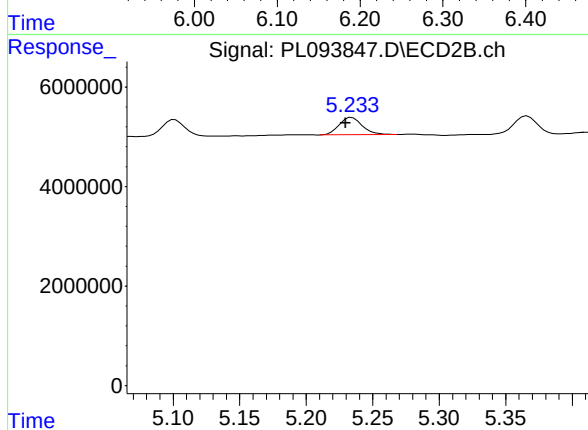
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.004 min
Response: 4365422
Conc: 1.04 ng/ml m



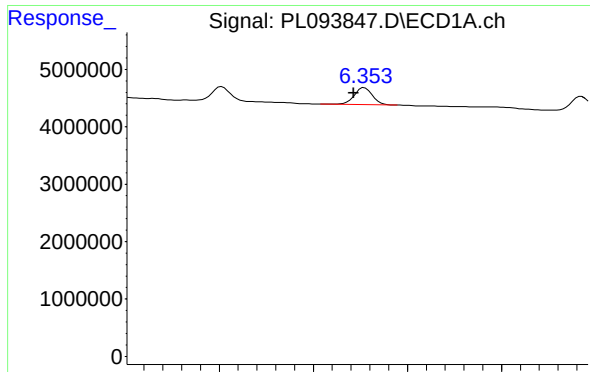
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.012 min
Response: 3402329
Conc: 1.40 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.005 min
Response: 4190219
Conc: 1.05 ng/ml



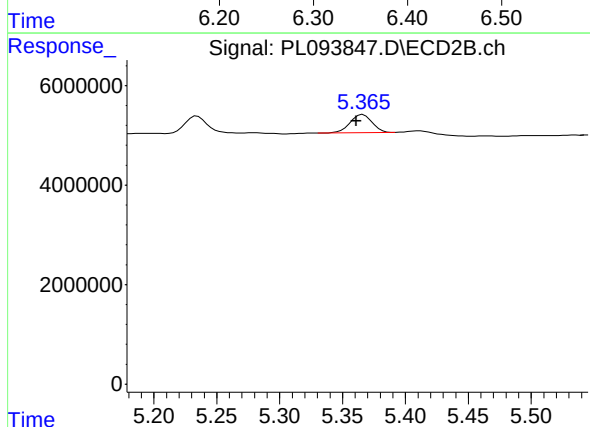
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.012 min
Response: 3889139
Conc: 1.40 ng/ml

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

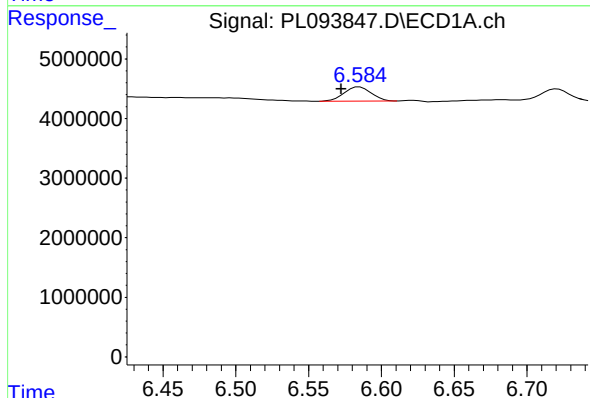
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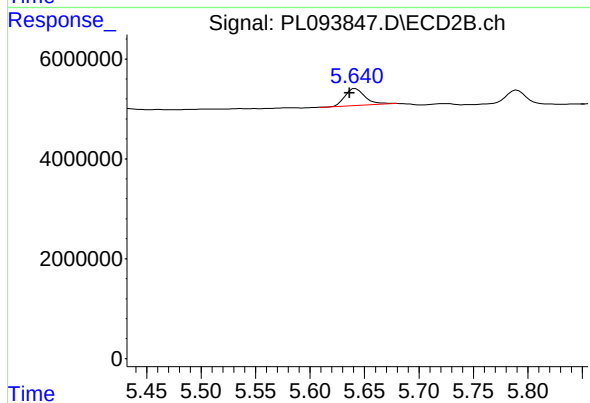
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.005 min
Response: 4400625
Conc: 1.02 ng/ml



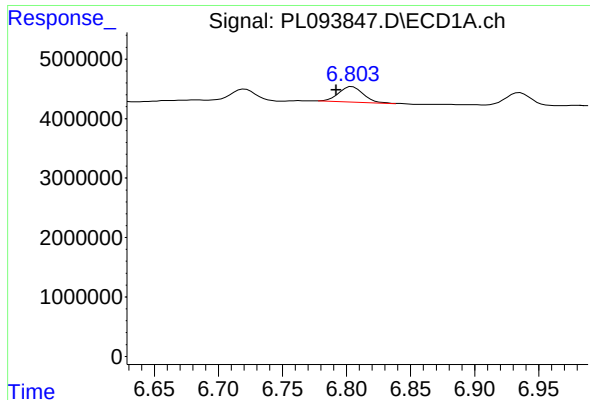
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.011 min
Response: 3112367
Conc: 1.33 ng/ml m



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.006 min
Response: 4469799
Conc: 1.21 ng/ml



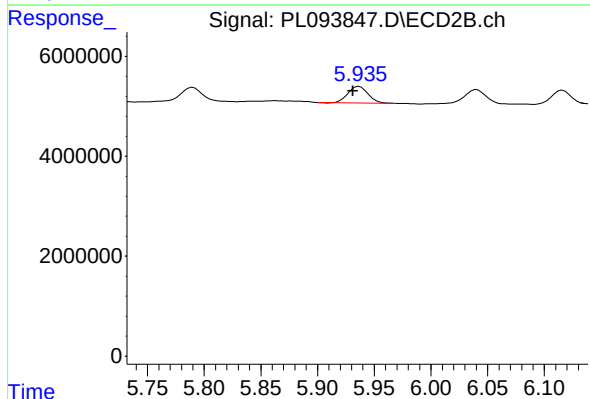
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.011 min
Response: 3481569
Conc: 1.45 ng/ml

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

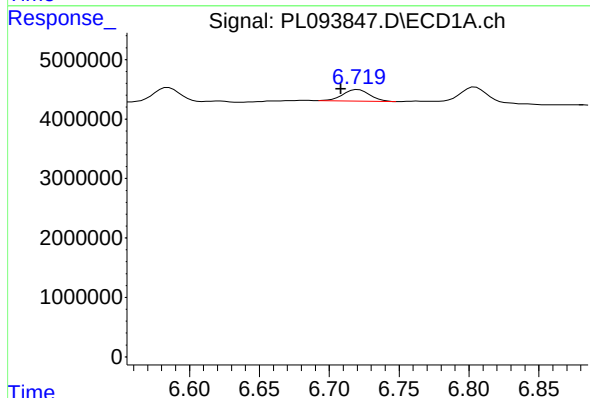
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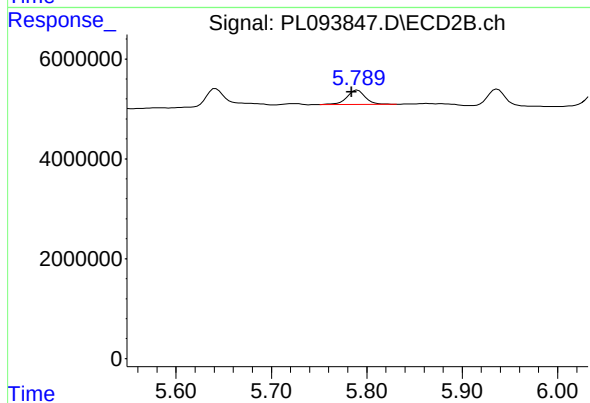
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.006 min
Response: 4028580
Conc: 1.09 ng/ml



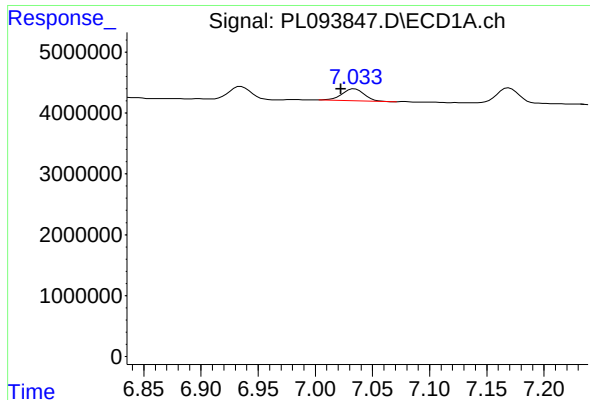
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.011 min
Response: 2596062
Conc: 1.37 ng/ml m



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.006 min
Response: 3856199
Conc: 1.22 ng/ml



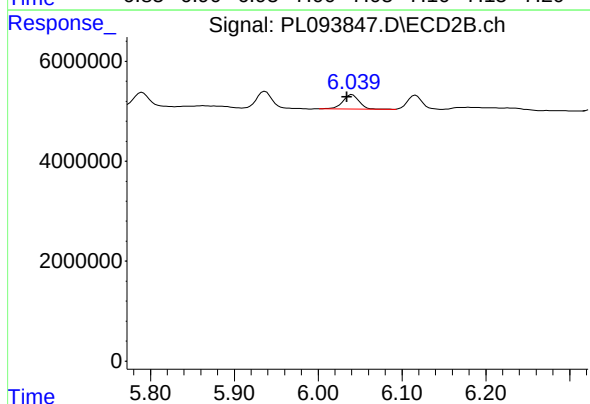
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.012 min
Response: 2629662
Conc: 1.33 ng/ml

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

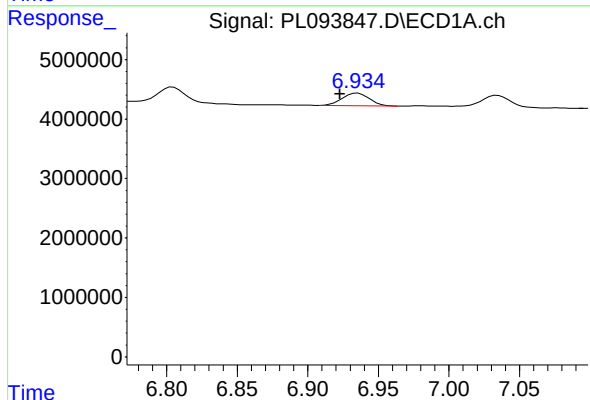
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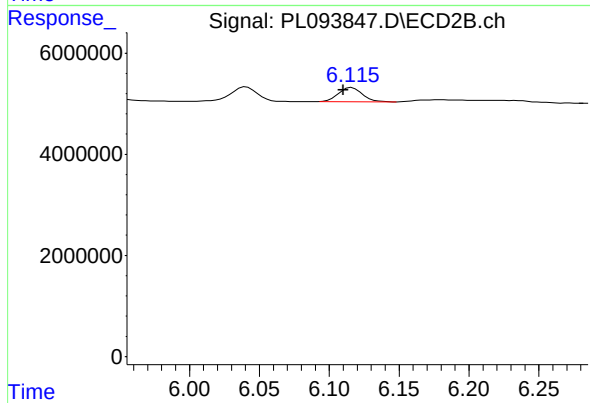
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.006 min
Response: 3876534
Conc: 1.19 ng/ml



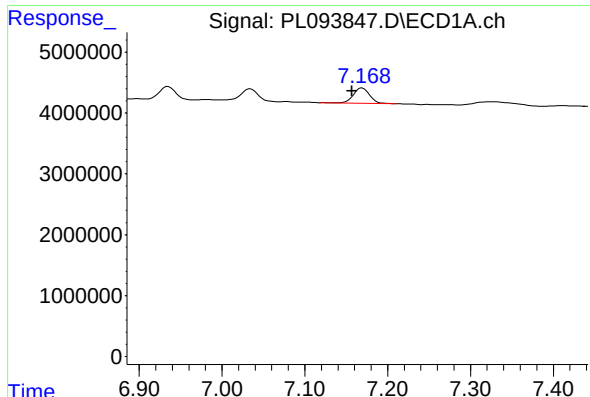
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.011 min
Response: 2848144
Conc: 1.47 ng/ml m



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.006 min
Response: 3398970
Conc: 1.12 ng/ml



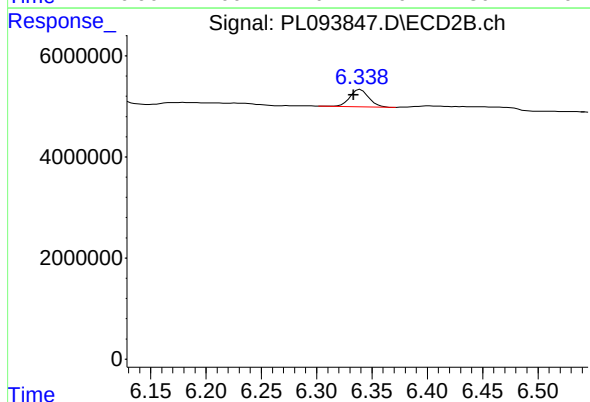
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: 0.012 min
Response: 3483555
Conc: 1.54 ng/ml

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

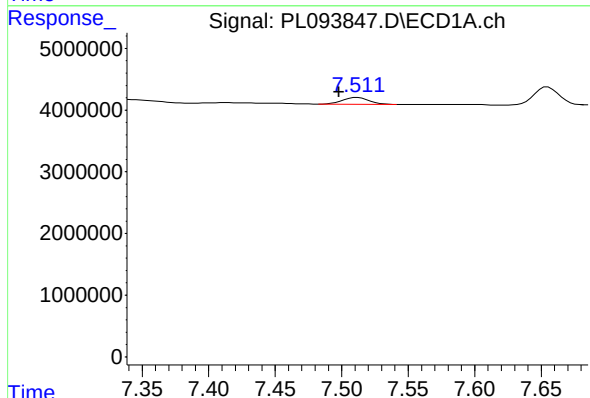
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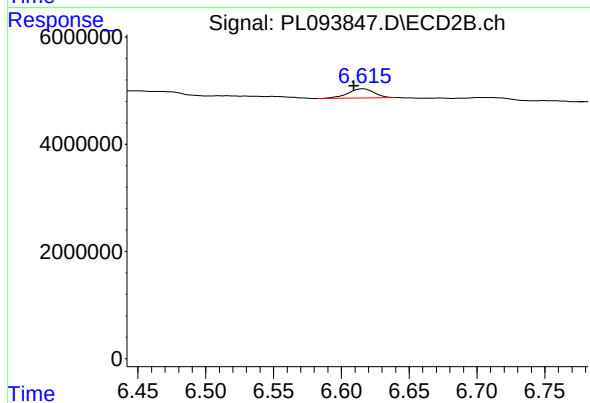
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.006 min
Response: 4070100
Conc: 1.14 ng/ml



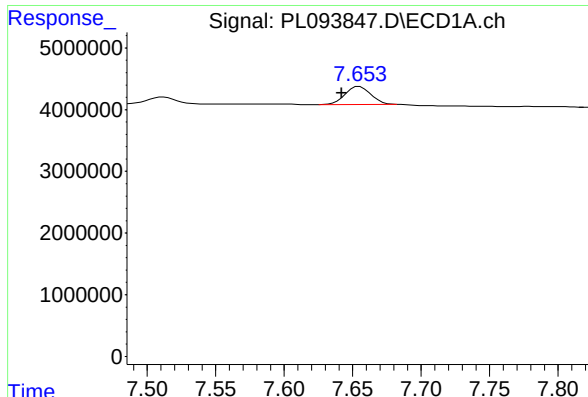
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.013 min
Response: 1513290
Conc: 1.45 ng/ml m



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 2315346
Conc: 1.29 ng/ml m



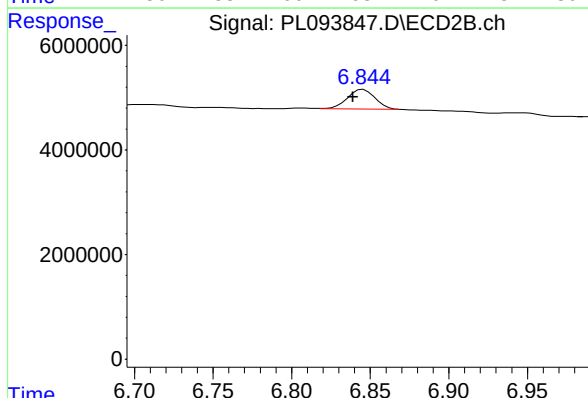
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.012 min
Response: 3872174
Conc: 1.53 ng/ml

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

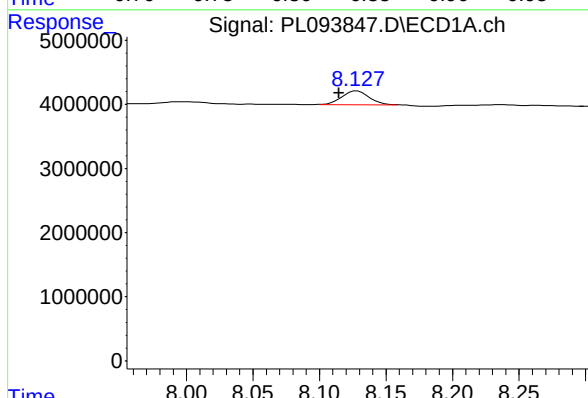
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Reviewed By :Abdul Mirza 01/30/2025
Supervised By :Ankita Jodhani 01/31/2025



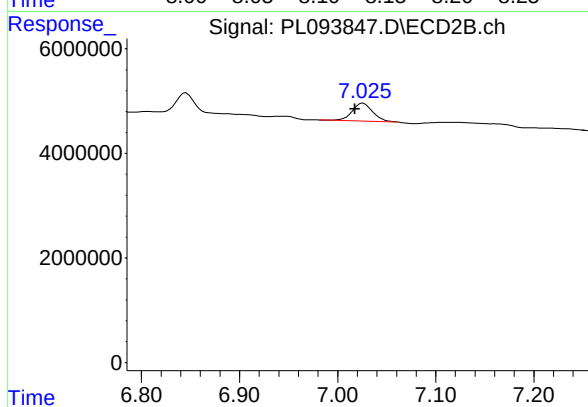
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.005 min
Response: 4639336
Conc: 1.11 ng/ml m



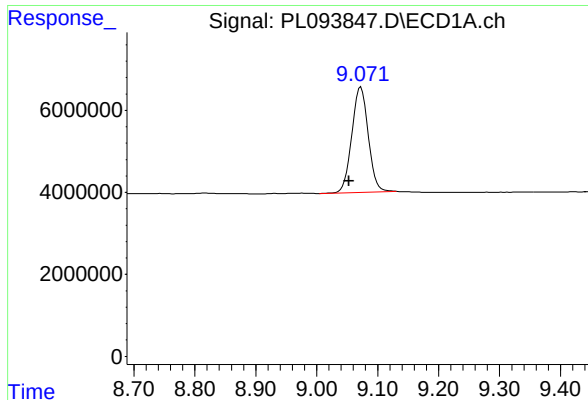
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.012 min
Response: 3174123
Conc: 1.52 ng/ml m



#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.009 min
Response: 4895083
Conc: 1.45 ng/ml



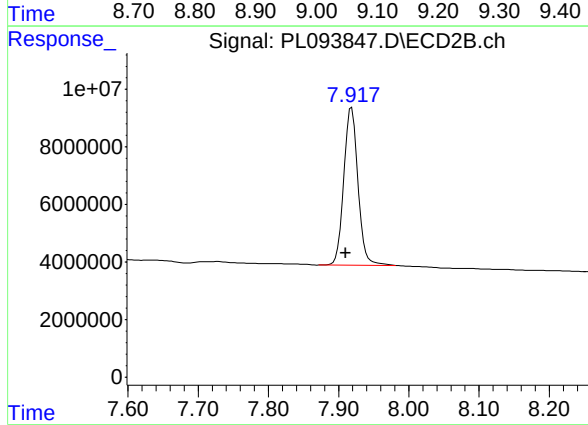
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.020 min
Response: 48307022
Conc: 23.09 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/30/2025
Supervised By :Ankita Jodhani 01/31/2025



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.009 min
Response: 76900547
Conc: 21.95 ng/ml