

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031423\  
 Data File : PL081448.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2023 12:29  
 Operator : AR\AJ  
 Sample : 01627-02  
 Misc : PEST LOQ 5PPB SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 21:30:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.339 | 2.659 | 41612125 | 36728759 | 19.260 | 18.148  |
| 28)                         | SA Decachlor... | 8.769 | 7.787 | 34147824 | 39322552 | 22.399 | 20.528  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.789 | 3.159 | 13695996 | 11482338 | 4.305  | 3.918   |
| 3)                          | MA gamma-BHC... | 4.116 | 3.487 | 13373457 | 11962889 | 4.520m | 4.348   |
| 4)                          | MA Heptachlor   | 4.698 | 3.822 | 13966105 | 11843754 | 5.061  | 4.292   |
| 5)                          | MB Aldrin       | 5.035 | 4.100 | 12850401 | 11455389 | 5.051  | 4.369   |
| 6)                          | B beta-BHC      | 4.320 | 3.787 | 6702163  | 5319065  | 4.869  | 4.583   |
| 7)                          | B delta-BHC     | 4.562 | 4.015 | 16347091 | 10534817 | 5.882  | 4.137 # |
| 8)                          | B Heptachlo...  | 5.462 | 4.603 | 12195828 | 11420075 | 5.168  | 4.723   |
| 9)                          | A Endosulfan I  | 5.842 | 4.972 | 11009796 | 10535123 | 5.211  | 4.654   |
| 10)                         | B gamma-Chl...  | 5.714 | 4.853 | 12183005 | 11406686 | 5.339m | 4.660   |
| 11)                         | B alpha-Chl...  | 5.795 | 4.916 | 12021966 | 11526943 | 5.336  | 4.708   |
| 12)                         | B 4,4'-DDE      | 5.972 | 5.107 | 9789614  | 8290163  | 5.003  | 4.224   |
| 13)                         | MA Dieldrin     | 6.117 | 5.237 | 10850641 | 10303725 | 5.184  | 4.571   |
| 14)                         | MA Endrin       | 6.344 | 5.512 | 9361907  | 11432979 | 5.151  | 5.689   |
| 15)                         | B Endosulfa...  | 6.566 | 5.808 | 12189488 | 9740795  | 6.991  | 5.283   |
| 16)                         | A 4,4'-DDD      | 6.488 | 5.662 | 8089766  | 6768897  | 5.255  | 4.412   |
| 17)                         | MA 4,4'-DDT     | 6.800 | 5.912 | 8452280  | 7796421  | 5.325  | 4.860   |
| 18)                         | B Endrin al...  | 6.695 | 5.990 | 8307089  | 8401654  | 5.804m | 5.545   |
| 19)                         | B Endosulfa...  | 6.931 | 6.212 | 9710778  | 9448207  | 5.408  | 4.916   |
| 20)                         | A Methoxychlor  | 7.280 | 6.493 | 5311967  | 5135964  | 6.167  | 5.534   |
| 21)                         | B Endrin ke...  | 7.410 | 6.719 | 10810870 | 10273449 | 5.960  | 4.771   |
| 22)                         | Mirex           | 7.875 | 6.891 | 8617535  | 10603493 | 5.906  | 5.509   |
| -----                       |                 |       |       |          |          |        |         |

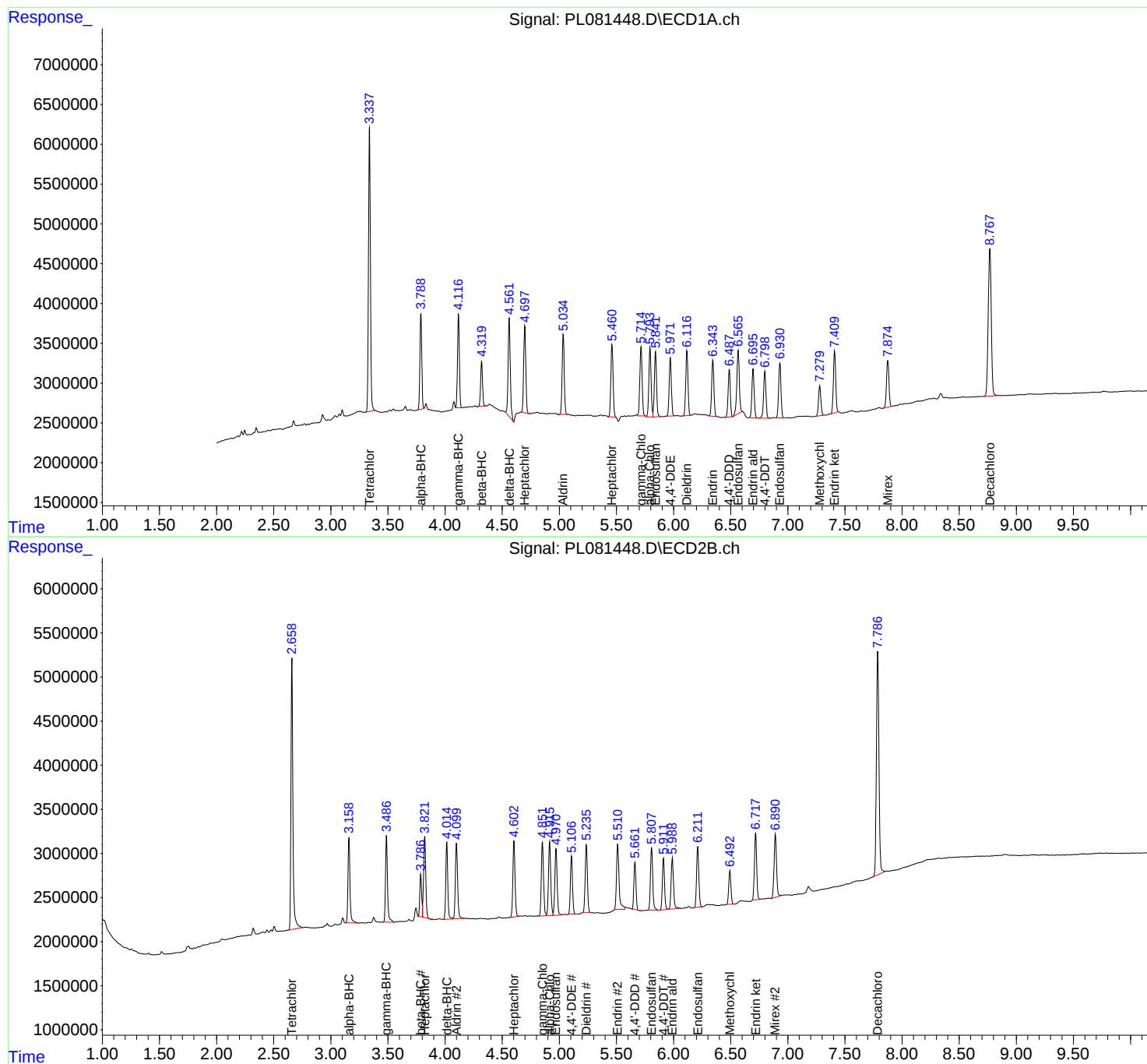
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

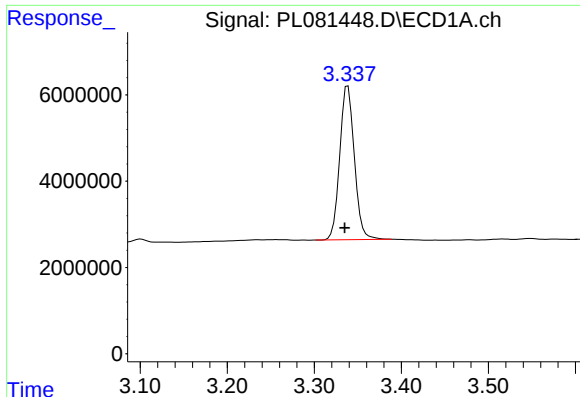
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031423\  
Data File : PL081448.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2023 12:29  
Operator : AR\AJ  
Sample : 01627-02  
Misc : PEST LOQ 5PPB SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 21:30:59 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

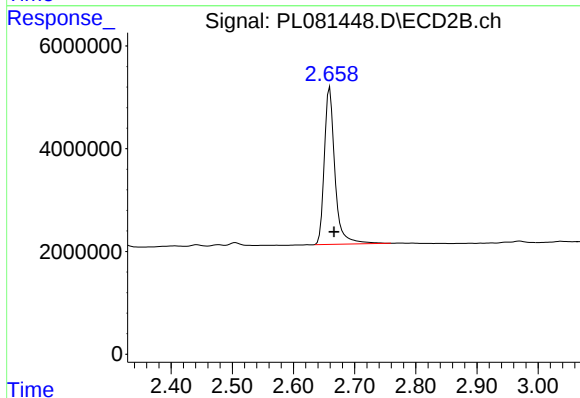




#1 Tetrachloro-m-xylene

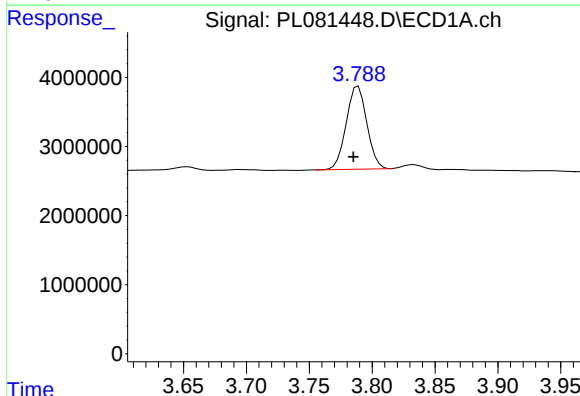
R.T.: 3.339 min  
Delta R.T.: 0.004 min  
Response: 41612125  
Conc: 19.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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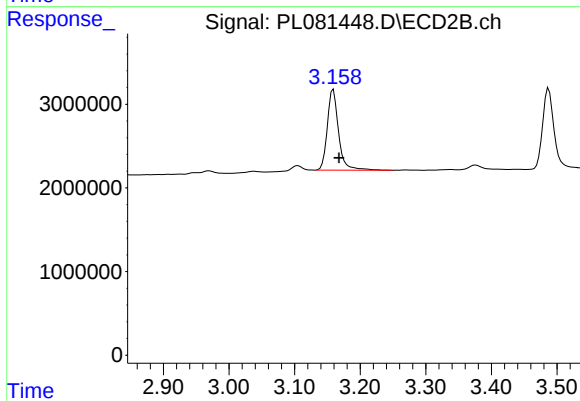
#1 Tetrachloro-m-xylene

R.T.: 2.659 min  
Delta R.T.: -0.007 min  
Response: 36728759  
Conc: 18.15 ng/ml



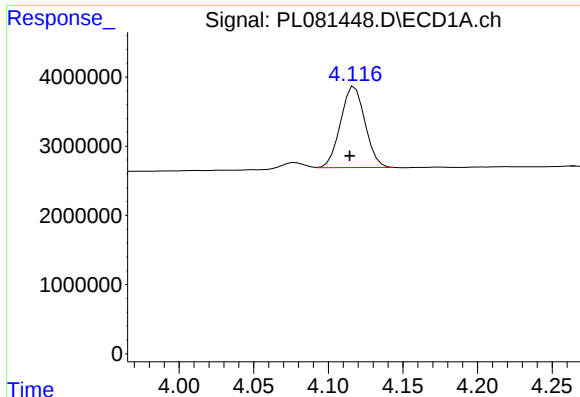
#2 alpha-BHC

R.T.: 3.789 min  
Delta R.T.: 0.004 min  
Response: 13695996  
Conc: 4.31 ng/ml



#2 alpha-BHC

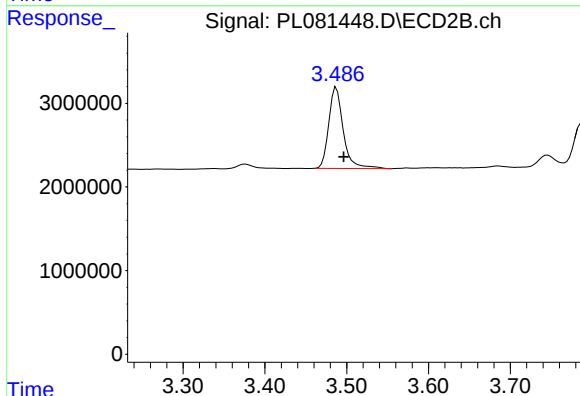
R.T.: 3.159 min  
Delta R.T.: -0.009 min  
Response: 11482338  
Conc: 3.92 ng/ml



#3 gamma-BHC (Lindane)

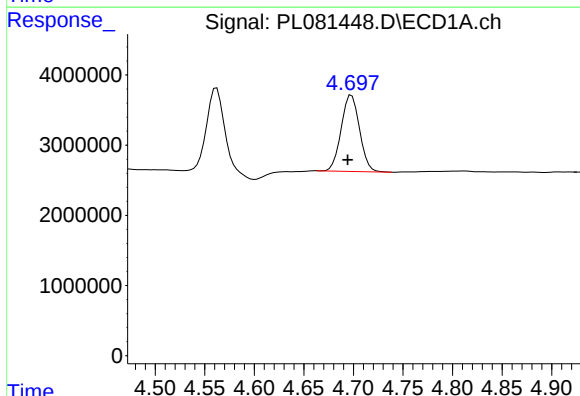
R.T.: 4.116 min  
Delta R.T.: 0.002 min  
Response: 13373457  
Conc: 4.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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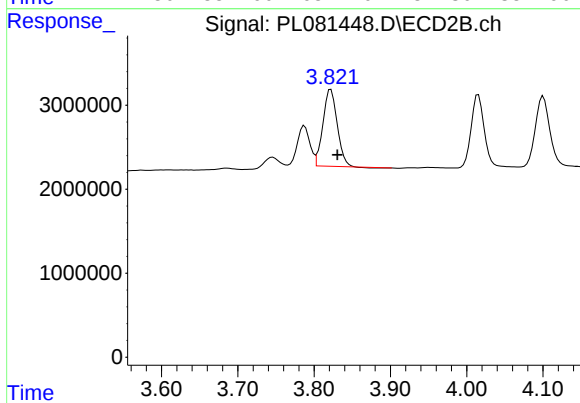
#3 gamma-BHC (Lindane)

R.T.: 3.487 min  
Delta R.T.: -0.009 min  
Response: 11962889  
Conc: 4.35 ng/ml



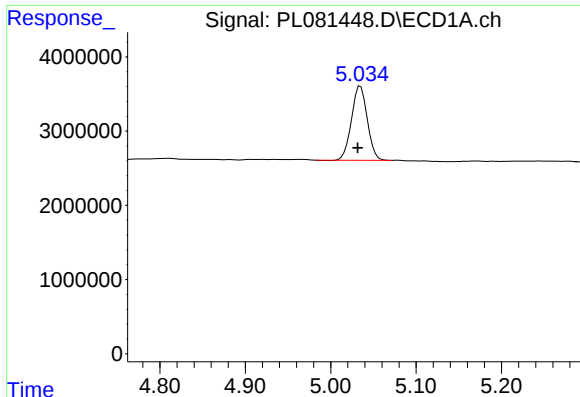
#4 Heptachlor

R.T.: 4.698 min  
Delta R.T.: 0.004 min  
Response: 13966105  
Conc: 5.06 ng/ml



#4 Heptachlor

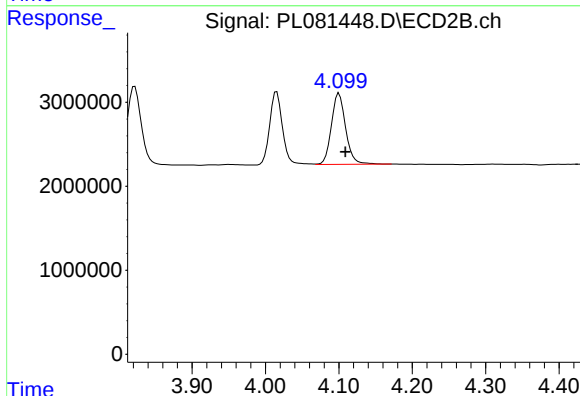
R.T.: 3.822 min  
Delta R.T.: -0.009 min  
Response: 11843754  
Conc: 4.29 ng/ml



#5 Aldrin

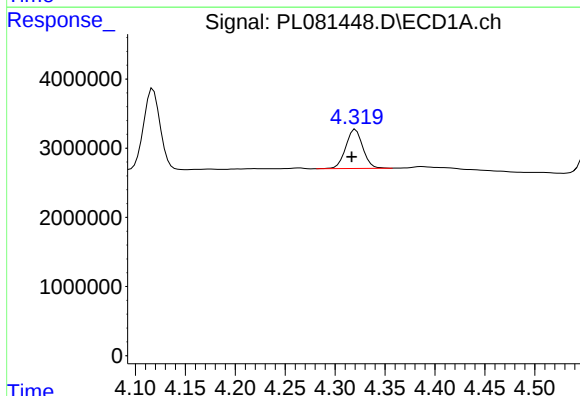
R.T.: 5.035 min  
Delta R.T.: 0.003 min  
Response: 12850401  
Conc: 5.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



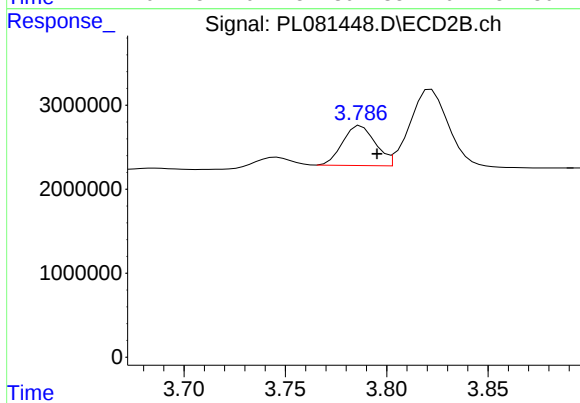
#5 Aldrin

R.T.: 4.100 min  
Delta R.T.: -0.009 min  
Response: 11455389  
Conc: 4.37 ng/ml



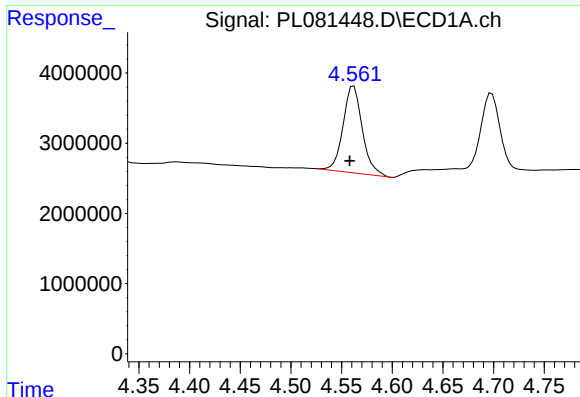
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: 0.004 min  
Response: 6702163  
Conc: 4.87 ng/ml



#6 beta-BHC

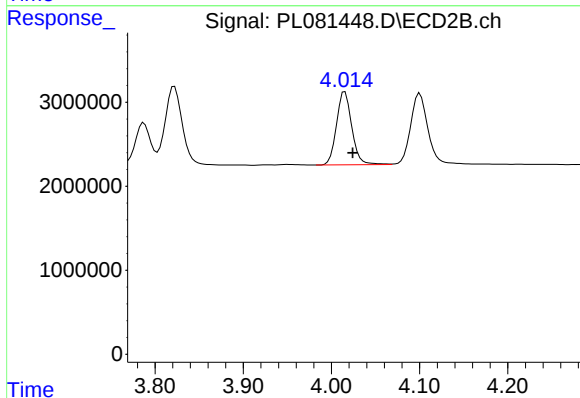
R.T.: 3.787 min  
Delta R.T.: -0.008 min  
Response: 5319065  
Conc: 4.58 ng/ml



#7 delta-BHC

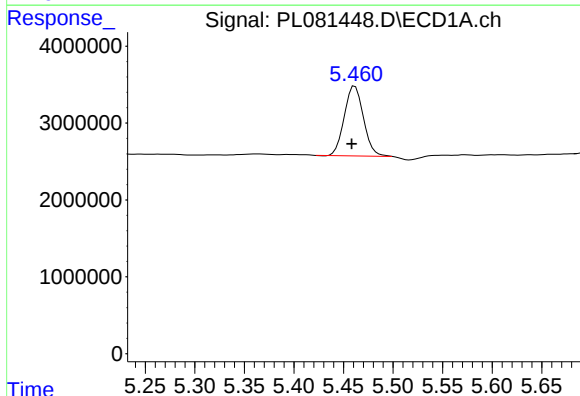
R.T.: 4.562 min  
Delta R.T.: 0.004 min  
Response: 16347091  
Conc: 5.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



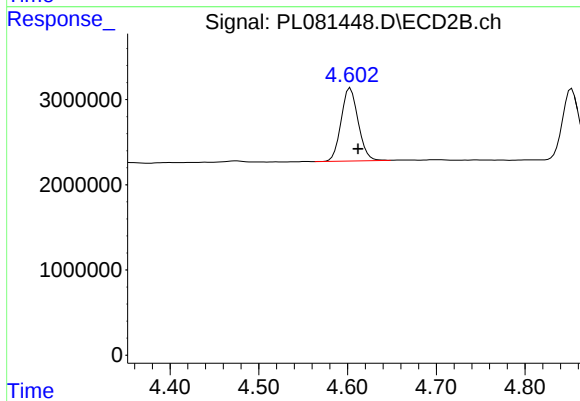
#7 delta-BHC

R.T.: 4.015 min  
Delta R.T.: -0.009 min  
Response: 10534817  
Conc: 4.14 ng/ml



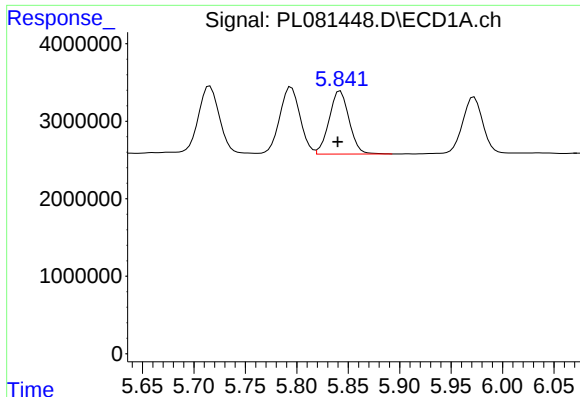
#8 Heptachlor epoxide

R.T.: 5.462 min  
Delta R.T.: 0.003 min  
Response: 12195828  
Conc: 5.17 ng/ml



#8 Heptachlor epoxide

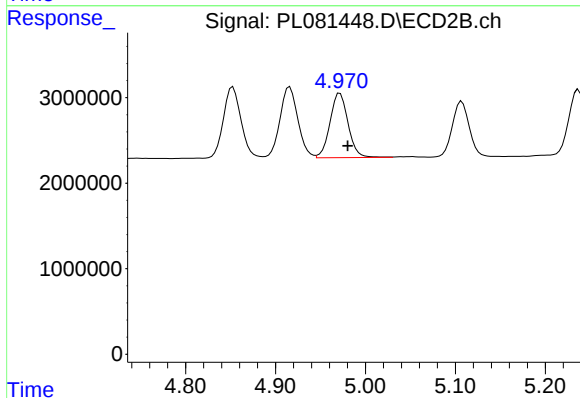
R.T.: 4.603 min  
Delta R.T.: -0.009 min  
Response: 11420075  
Conc: 4.72 ng/ml



#9 Endosulfan I

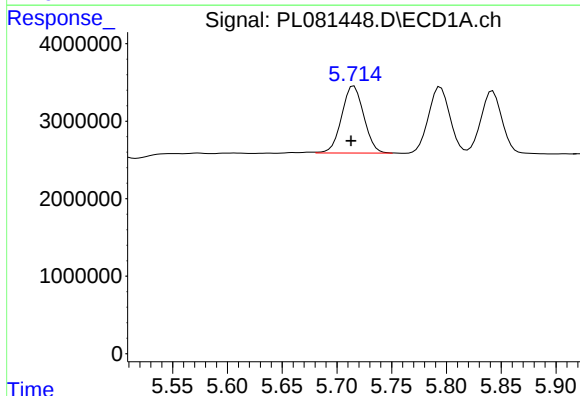
R.T.: 5.842 min  
Delta R.T.: 0.003 min  
Response: 11009796  
Conc: 5.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



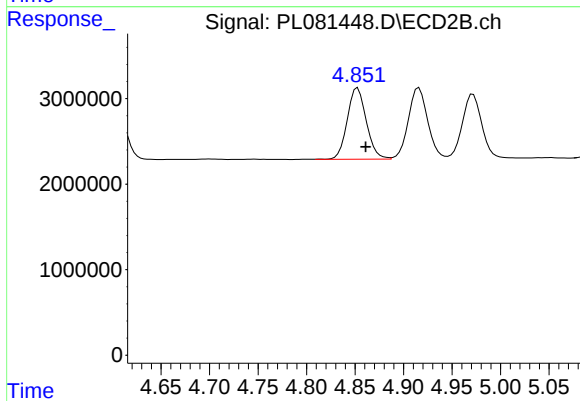
#9 Endosulfan I

R.T.: 4.972 min  
Delta R.T.: -0.009 min  
Response: 10535123  
Conc: 4.65 ng/ml



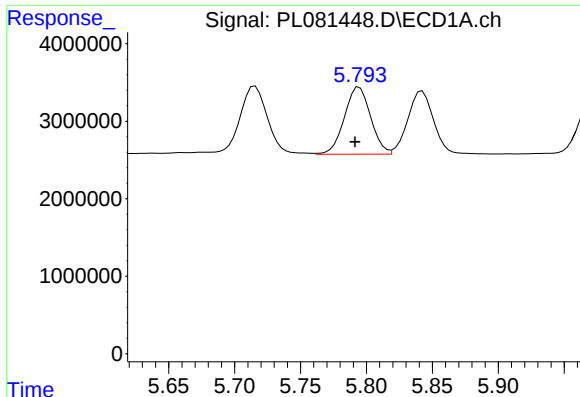
#10 gamma-Chlordane

R.T.: 5.714 min  
Delta R.T.: 0.001 min  
Response: 12183005  
Conc: 5.34 ng/ml m



#10 gamma-Chlordane

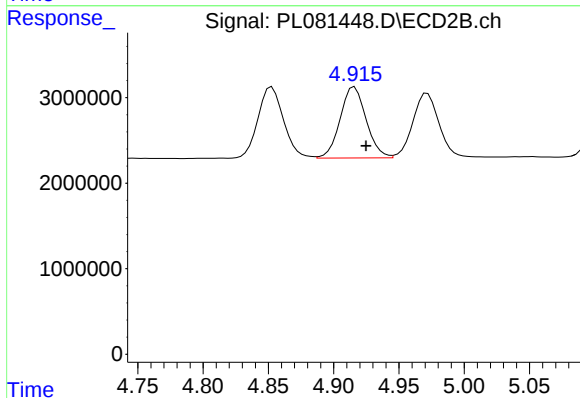
R.T.: 4.853 min  
Delta R.T.: -0.008 min  
Response: 11406686  
Conc: 4.66 ng/ml



#11 alpha-Chlordane

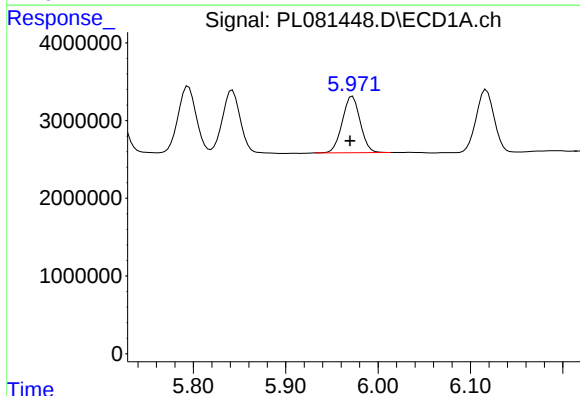
R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 12021966  
Conc: 5.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



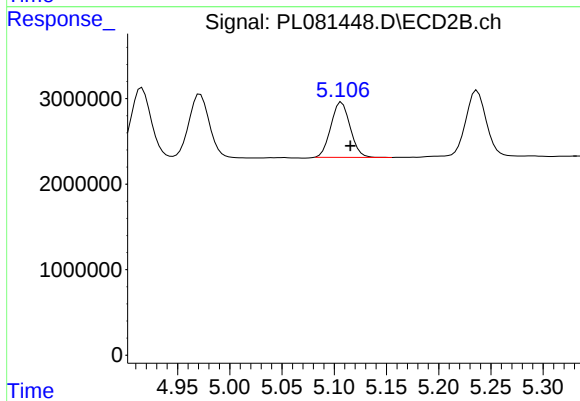
#11 alpha-Chlordane

R.T.: 4.916 min  
Delta R.T.: -0.009 min  
Response: 11526943  
Conc: 4.71 ng/ml



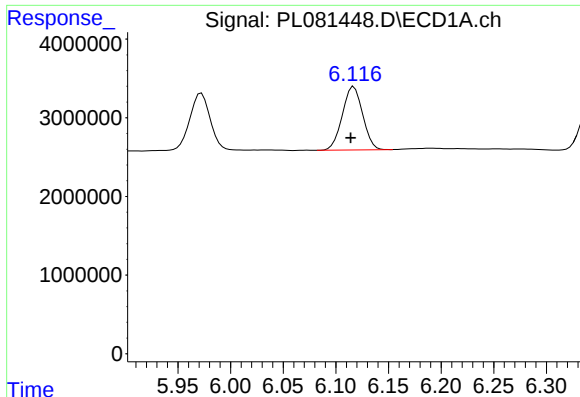
#12 4,4'-DDE

R.T.: 5.972 min  
Delta R.T.: 0.003 min  
Response: 9789614  
Conc: 5.00 ng/ml



#12 4,4'-DDE

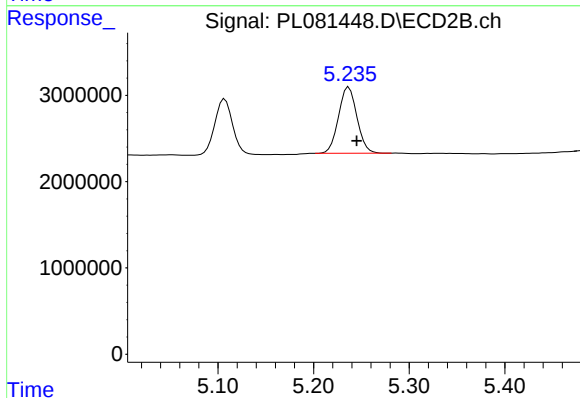
R.T.: 5.107 min  
Delta R.T.: -0.008 min  
Response: 8290163  
Conc: 4.22 ng/ml



#13 Dieldrin

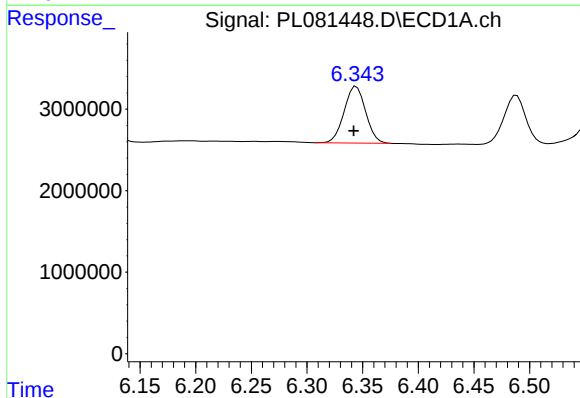
R.T.: 6.117 min  
Delta R.T.: 0.003 min  
Response: 10850641  
Conc: 5.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



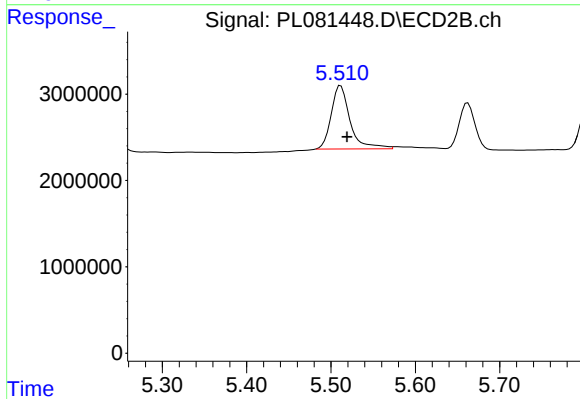
#13 Dieldrin

R.T.: 5.237 min  
Delta R.T.: -0.008 min  
Response: 10303725  
Conc: 4.57 ng/ml



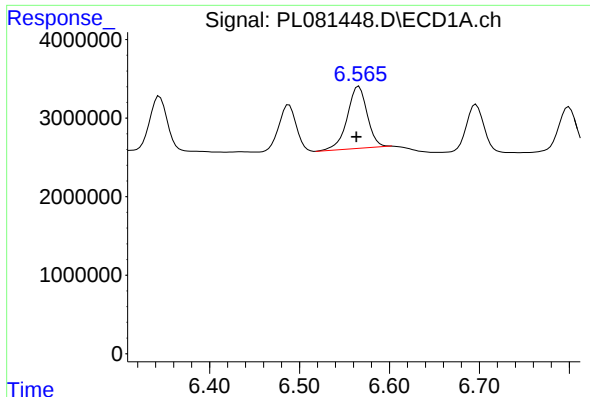
#14 Endrin

R.T.: 6.344 min  
Delta R.T.: 0.002 min  
Response: 9361907  
Conc: 5.15 ng/ml



#14 Endrin

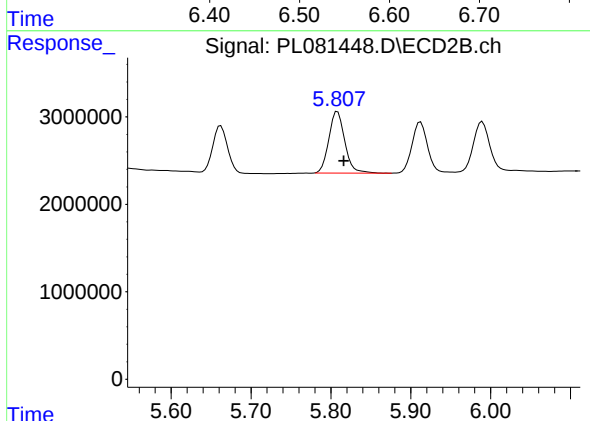
R.T.: 5.512 min  
Delta R.T.: -0.008 min  
Response: 11432979  
Conc: 5.69 ng/ml



#15 Endosulfan II

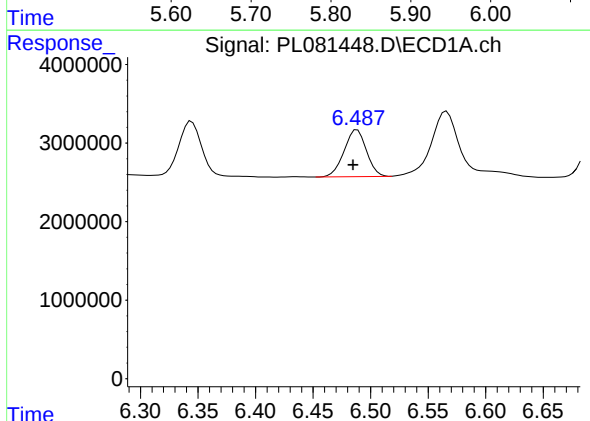
R.T.: 6.566 min  
Delta R.T.: 0.003 min  
Response: 12189488  
Conc: 6.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



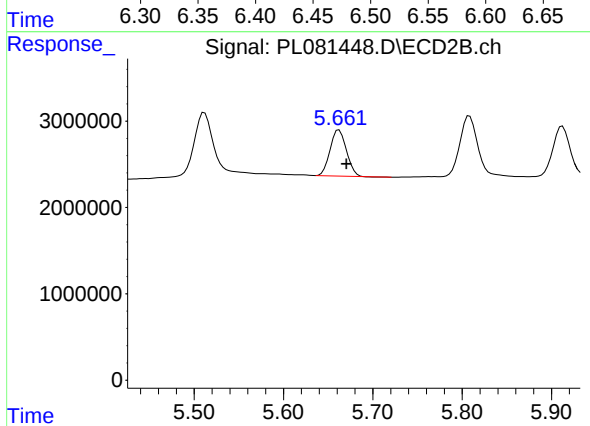
#15 Endosulfan II

R.T.: 5.808 min  
Delta R.T.: -0.008 min  
Response: 9740795  
Conc: 5.28 ng/ml



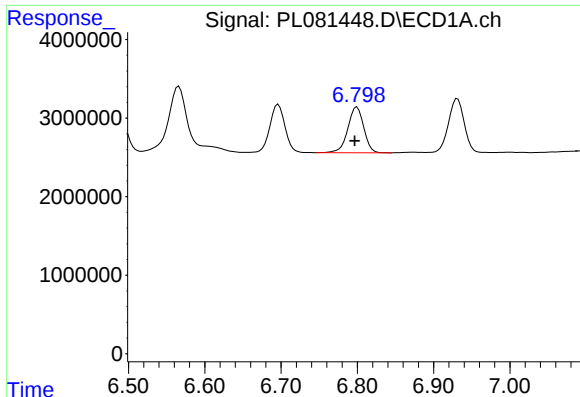
#16 4,4'-DDD

R.T.: 6.488 min  
Delta R.T.: 0.004 min  
Response: 8089766  
Conc: 5.26 ng/ml



#16 4,4'-DDD

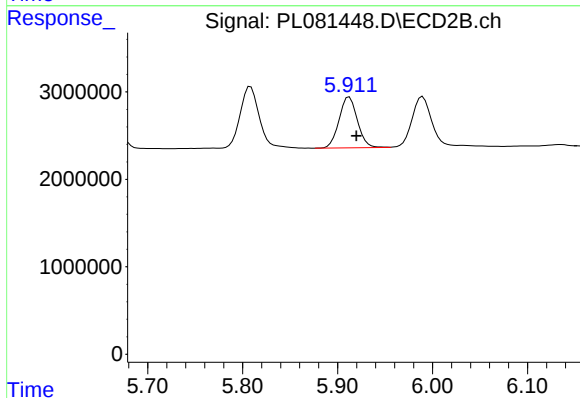
R.T.: 5.662 min  
Delta R.T.: -0.008 min  
Response: 6768897  
Conc: 4.41 ng/ml



#17 4,4'-DDT

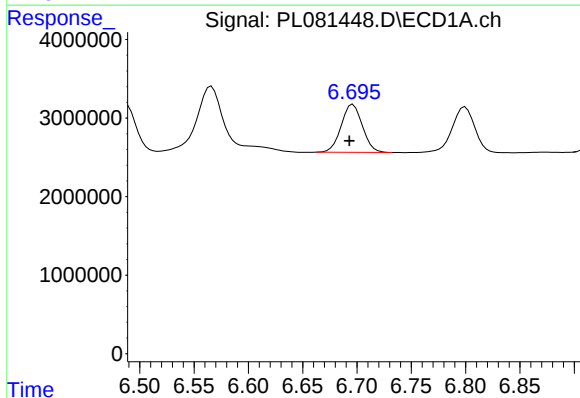
R.T.: 6.800 min  
Delta R.T.: 0.003 min  
Response: 8452280  
Conc: 5.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



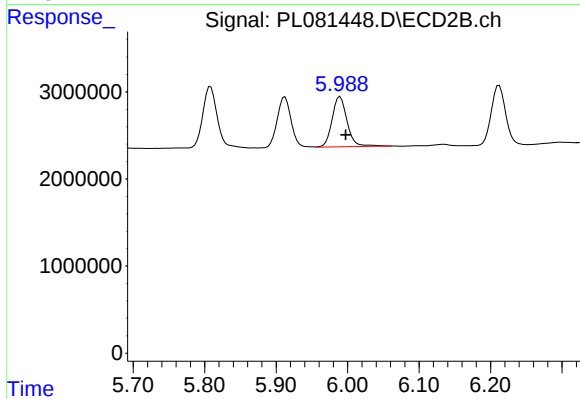
#17 4,4'-DDT

R.T.: 5.912 min  
Delta R.T.: -0.007 min  
Response: 7796421  
Conc: 4.86 ng/ml



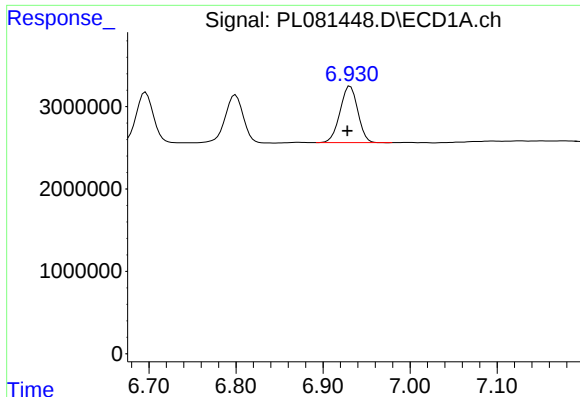
#18 Endrin aldehyde

R.T.: 6.695 min  
Delta R.T.: 0.002 min  
Response: 8307089  
Conc: 5.80 ng/ml m



#18 Endrin aldehyde

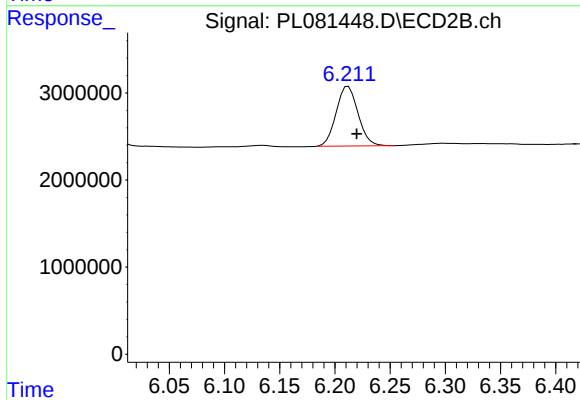
R.T.: 5.990 min  
Delta R.T.: -0.008 min  
Response: 8401654  
Conc: 5.55 ng/ml



#19 Endosulfan Sulfate

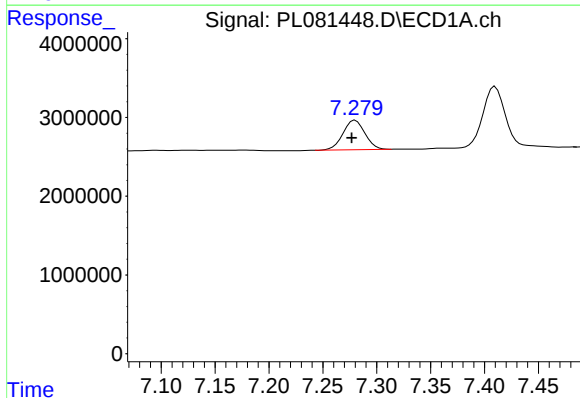
R.T.: 6.931 min  
Delta R.T.: 0.003 min  
Response: 9710778  
Conc: 5.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



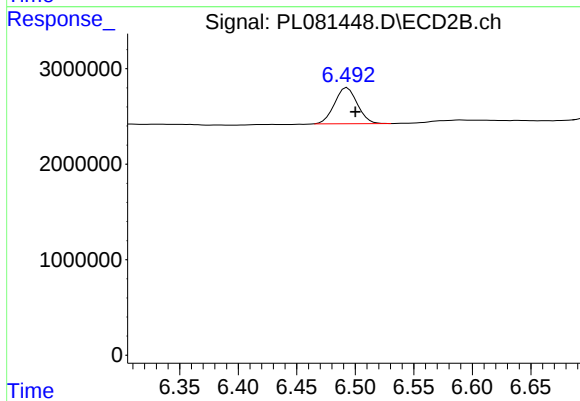
#19 Endosulfan Sulfate

R.T.: 6.212 min  
Delta R.T.: -0.008 min  
Response: 9448207  
Conc: 4.92 ng/ml



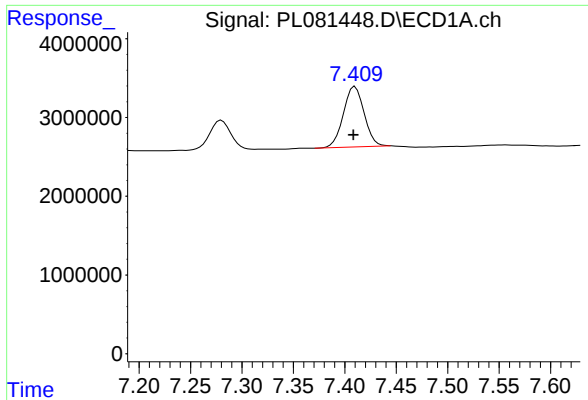
#20 Methoxychlor

R.T.: 7.280 min  
Delta R.T.: 0.003 min  
Response: 5311967  
Conc: 6.17 ng/ml



#20 Methoxychlor

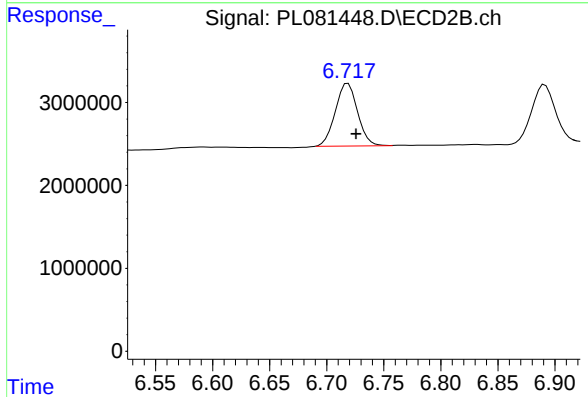
R.T.: 6.493 min  
Delta R.T.: -0.007 min  
Response: 5135964  
Conc: 5.53 ng/ml



#21 Endrin ketone

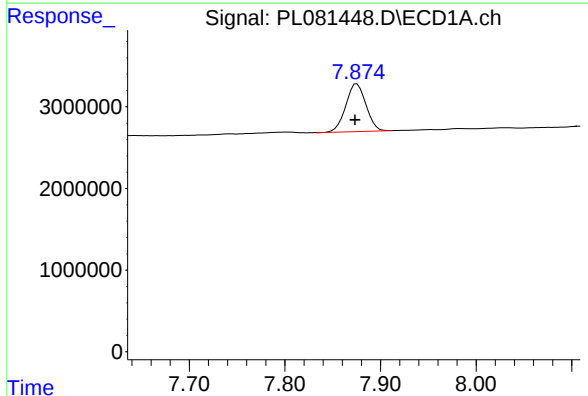
R.T.: 7.410 min  
Delta R.T.: 0.002 min  
Response: 10810870  
Conc: 5.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



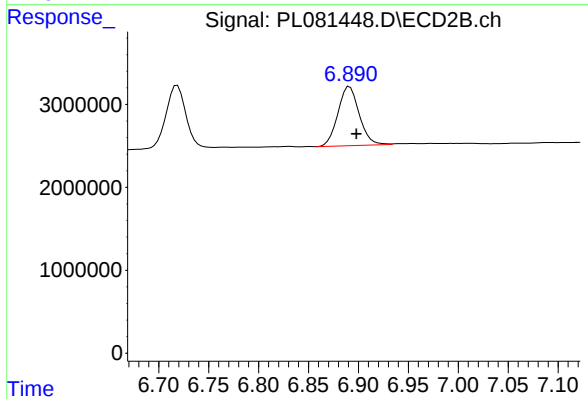
#21 Endrin ketone

R.T.: 6.719 min  
Delta R.T.: -0.007 min  
Response: 10273449  
Conc: 4.77 ng/ml



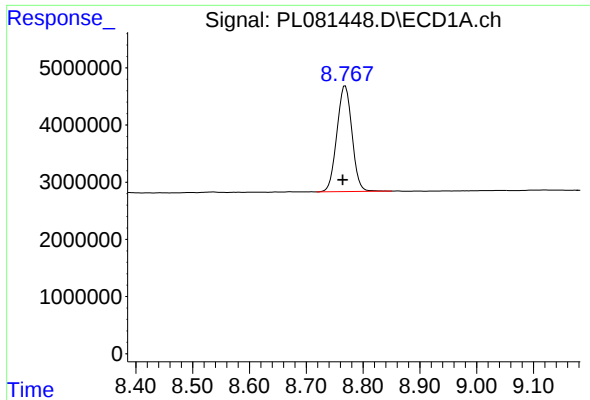
#22 Mirex

R.T.: 7.875 min  
Delta R.T.: 0.002 min  
Response: 8617535  
Conc: 5.91 ng/ml



#22 Mirex

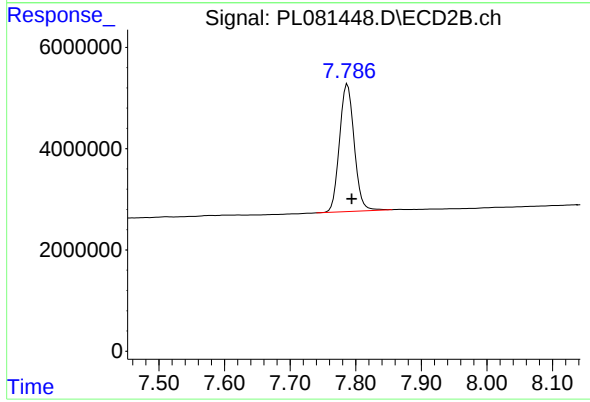
R.T.: 6.891 min  
Delta R.T.: -0.007 min  
Response: 10603493  
Conc: 5.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.769 min  
Delta R.T.: 0.004 min  
Response: 34147824  
Conc: 22.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



#28 Decachlorobiphenyl

R.T.: 7.787 min  
Delta R.T.: -0.006 min  
Response: 39322552  
Conc: 20.53 ng/ml