

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051519\  
 Data File : PL048548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2019 15:08  
 Operator : AJ\SJ  
 Sample : K2851-01MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL-COMPMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 00:57:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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... | 3.327 | 3.940  | 215.5E6 | 60346523 | 22.243   | 24.227     |
| 28)                         | SA Decachlor... | 7.996 | 8.979  | 166.2E6 | 53066482 | 16.528   | 19.993     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.755 | 4.329  | 880.4E6 | 246.0E6  | 56.920   | 70.041     |
| 3)                          | MA gamma-BHC... | 4.031 | 4.612  | 824.7E6 | 242.5E6  | 58.042   | 74.256 #   |
| 4)                          | MA Heptachlor   | 4.316 | 5.116  | 843.7E6 | 239.5E6  | 57.345   | 69.197     |
| 5)                          | MB Aldrin       | 4.554 | 5.419  | 922.4E6 | 196.9E6  | 67.320   | 63.582     |
| 6)                          | B beta-BHC      | 4.285 | 4.788  | 340.3E6 | 91821138 | 57.668   | 59.011     |
| 7)                          | B delta-BHC     | 4.479 | 5.001  | 771.1E6 | 157.2E6  | 54.614   | 55.606     |
| 8)                          | B Heptachlor... | 4.992 | 5.805  | 683.6E6 | 169.9E6  | 53.052   | 58.246     |
| 9)                          | A Endosulfan I  | 5.323 | 6.161  | 485.7E6 | 154.0E6  | 40.371   | 54.474 #   |
| 10)                         | B gamma-Chl...  | 5.214 | 6.039  | 709.8E6 | 175.6E6  | 53.158   | 57.050     |
| 11)                         | B alpha-Chl...  | 5.270 | 6.111  | 645.8E6 | 170.2E6  | 49.397   | 55.466     |
| 12)                         | B 4,4'-DDE      | 5.438 | 6.270  | 659.2E6 | 143.4E6  | 51.964   | 51.941     |
| 13)                         | MA Dieldrin     | 5.562 | 6.417  | 701.8E6 | 173.1E6  | 53.900   | 59.015     |
| 14)                         | MA Endrin       | 5.814 | 6.634  | 646.5E6 | 153.8E6  | 53.105   | 58.994     |
| 15)                         | B Endosulfa...  | 6.089 | 6.846  | 579.4E6 | 156.0E6  | 50.202   | 57.856     |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.761  | 463.9E6 | 144.2E6  | 47.659   | 64.261 #   |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.059  | 516.5E6 | 147.2E6  | 51.408   | 62.734     |
| 18)                         | B Endrin al...  | 6.256 | 6.969  | 461.7E6 | 129.8E6  | 47.512   | 55.374     |
| 19)                         | B Endosulfa...  | 6.467 | 7.192  | 521.8E6 | 146.1E6  | 48.623   | 56.463     |
| 20)                         | A Methoxychlor  | 6.729 | 7.518  | 268.9E6 | 79018120 | 49.386   | 57.881     |
| 21)                         | B Endrin ke...  | 6.950 | 7.661  | 537.3E6 | 158.0E6  | 46.104   | 60.469 #   |
| 22)                         | Mirex           | 7.124 | 8.112  | 542.4E6 | 159.9E6  | 60.515   | 75.804 #   |
| 23)                         | Chlordane-1     | 4.177 | 4.923  | 9635599 | 5832168  | 21.465   | 47.747 #   |
| 24)                         | Chlordane-2     | 0.000 | 5.419f | 0       | 196.9E6  | N.D.     | 1522.274 # |
| 25)                         | Chlordane-3     | 5.214 | 6.039  | 709.8E6 | 175.6E6  | 450.785  | 400.786    |
| 26)                         | Chlordane-4     | 5.270 | 6.111  | 645.8E6 | 170.2E6  | 444.821  | 324.410 #  |
| 27)                         | Chlordane-5     | 6.089 | 0.000  | 579.4E6 | 0        | 1233.841 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

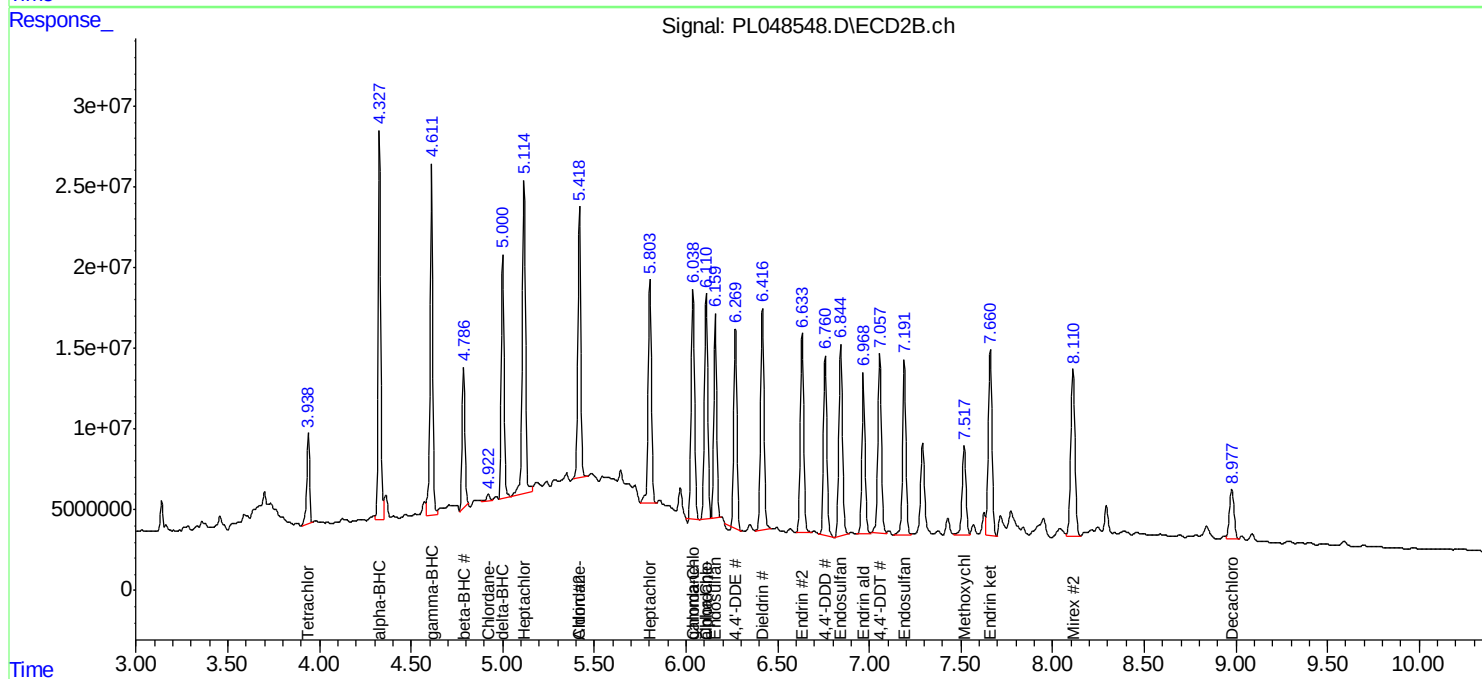
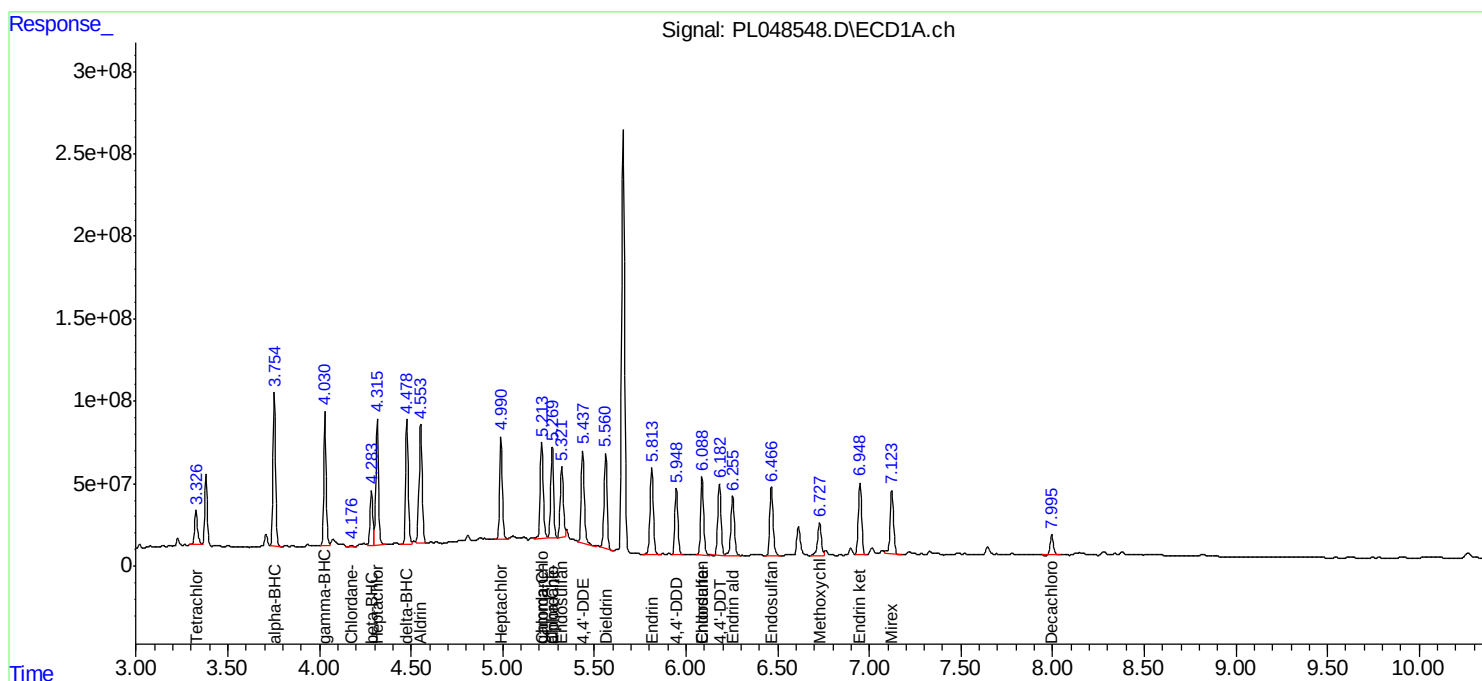
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

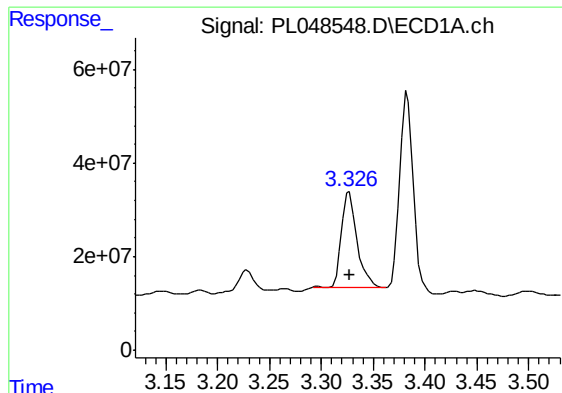
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051519\  
Data File : PL048548.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2019 15:08  
Operator : AJ\SJ  
Sample : K2851-01MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
SOIL-COMPMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 00:57:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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

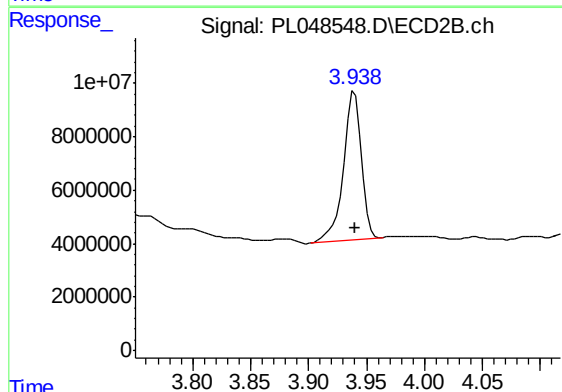




#1 Tetrachloro-m-xylene

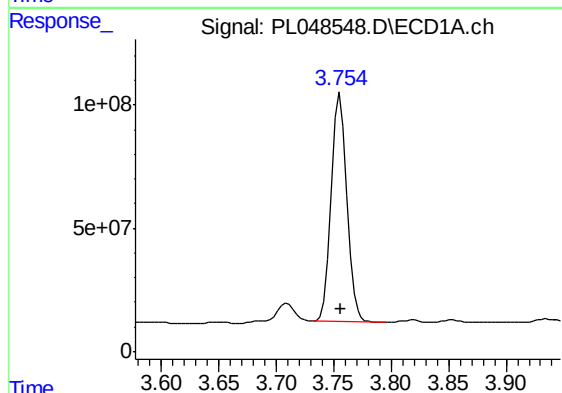
R.T.: 3.327 min  
Delta R.T.: 0.000 min  
Response: 215464752  
Conc: 22.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



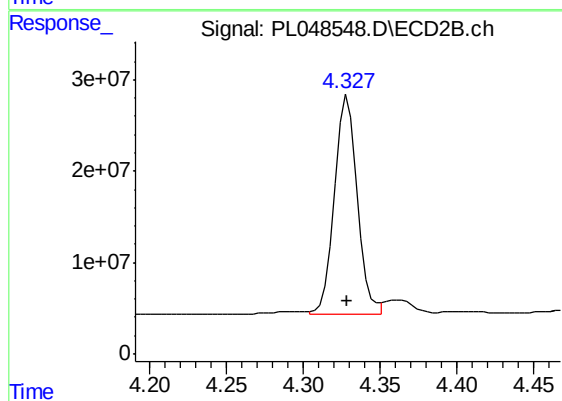
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 60346523  
Conc: 24.23 ng/ml



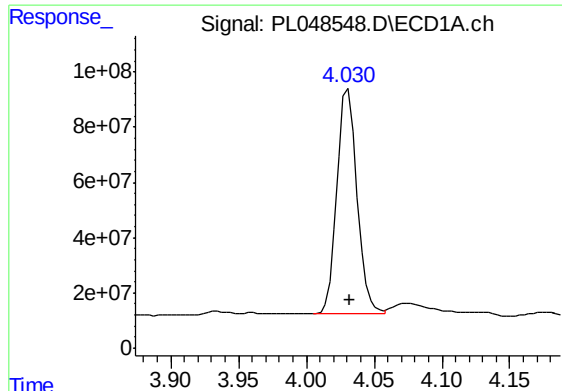
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: 0.000 min  
Response: 880414272  
Conc: 56.92 ng/ml



#2 alpha-BHC

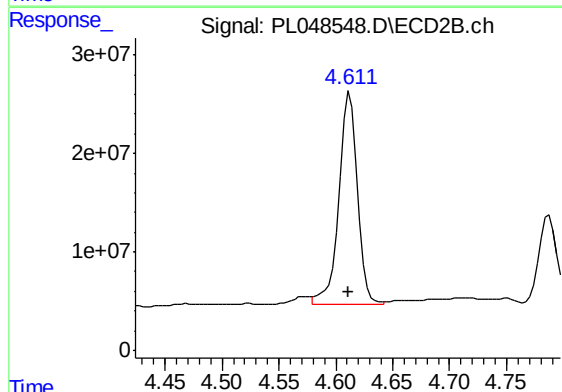
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 245982968  
Conc: 70.04 ng/ml



#3 gamma-BHC (Lindane)

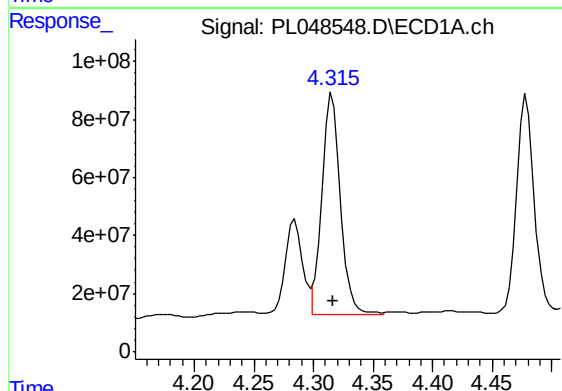
R.T.: 4.031 min  
Delta R.T.: -0.001 min  
Response: 824726914  
Conc: 58.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



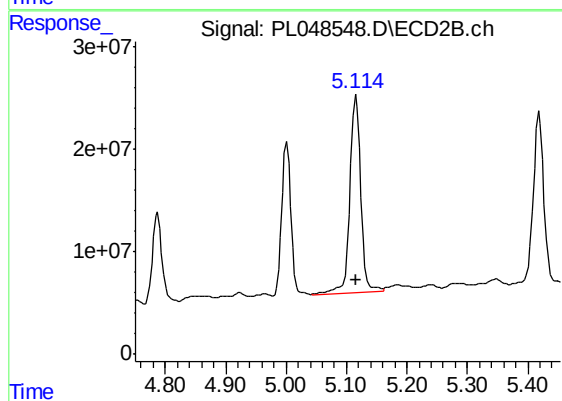
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 242530366  
Conc: 74.26 ng/ml



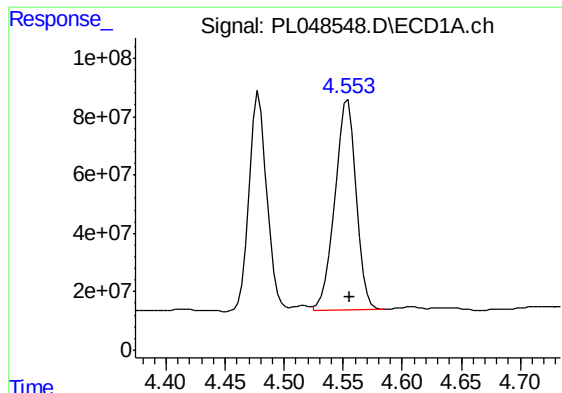
#4 Heptachlor

R.T.: 4.316 min  
Delta R.T.: -0.001 min  
Response: 843658066  
Conc: 57.34 ng/ml



#4 Heptachlor

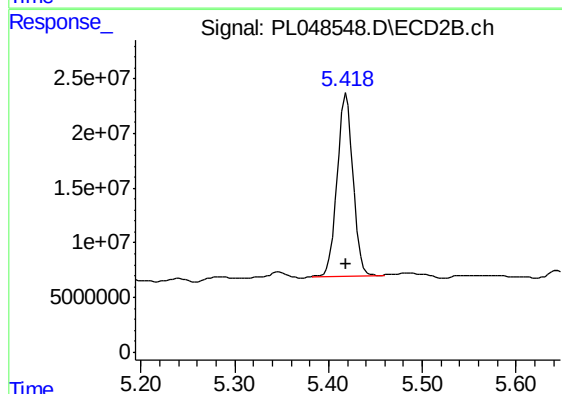
R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 239548169  
Conc: 69.20 ng/ml



#5 Aldrin

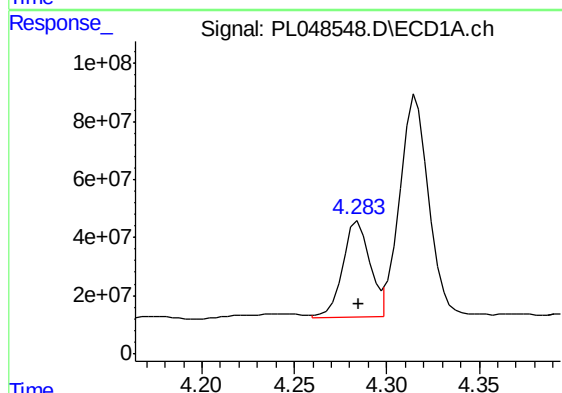
R.T.: 4.554 min  
Delta R.T.: -0.002 min  
Response: 922391756  
Conc: 67.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



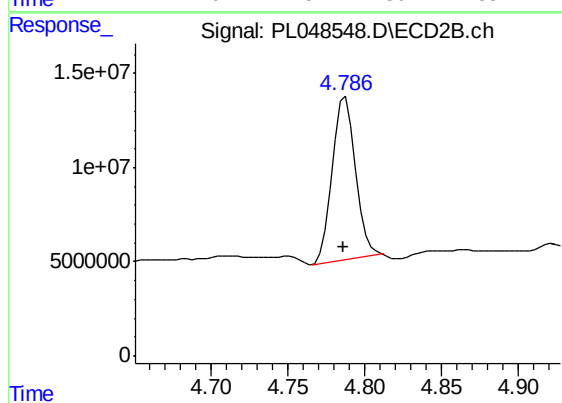
#5 Aldrin

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 196888965  
Conc: 63.58 ng/ml



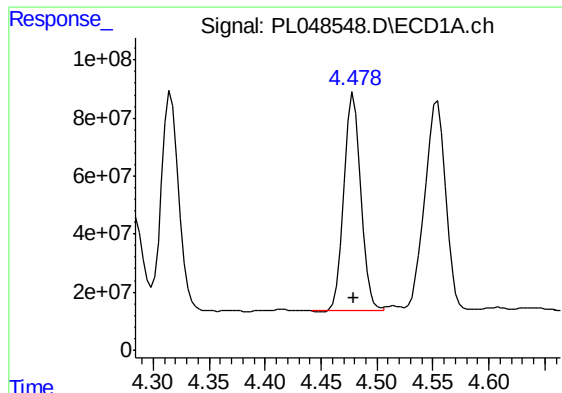
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 340333595  
Conc: 57.67 ng/ml



#6 beta-BHC

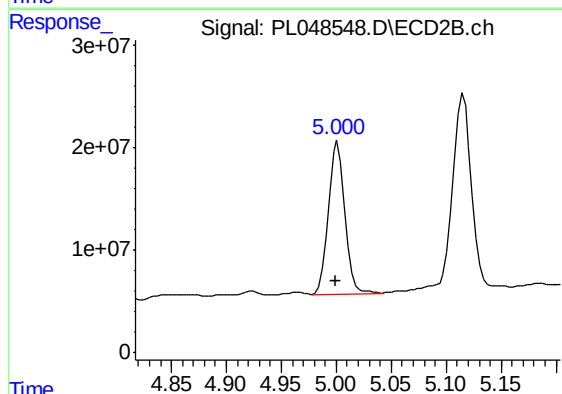
R.T.: 4.788 min  
Delta R.T.: 0.001 min  
Response: 91821138  
Conc: 59.01 ng/ml



#7 delta-BHC

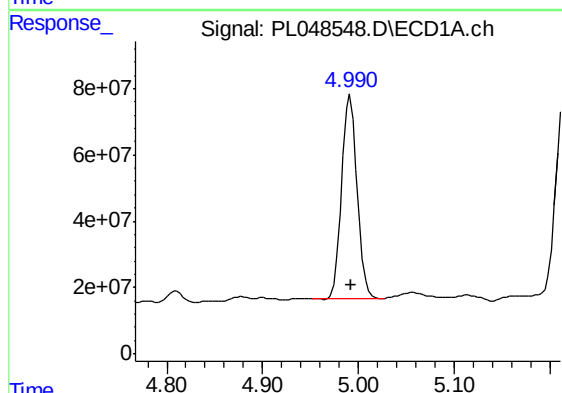
R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 771080207  
Conc: 54.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



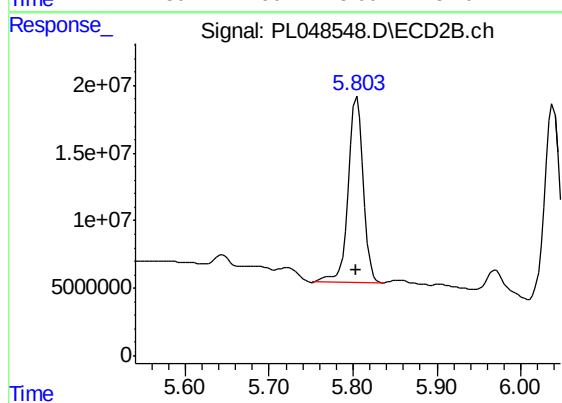
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: 0.001 min  
Response: 157248297  
Conc: 55.61 ng/ml



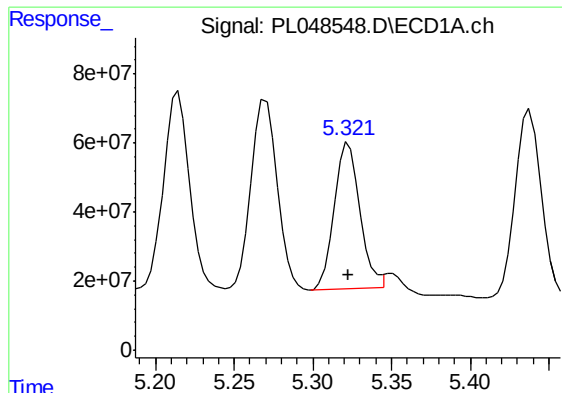
#8 Heptachlor epoxide

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 683557706  
Conc: 53.05 ng/ml



#8 Heptachlor epoxide

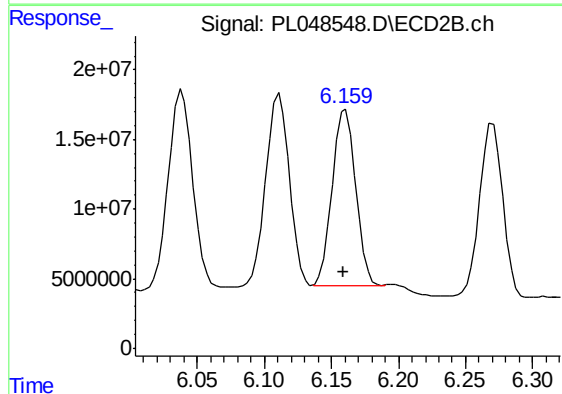
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 169885932  
Conc: 58.25 ng/ml



#9 Endosulfan I

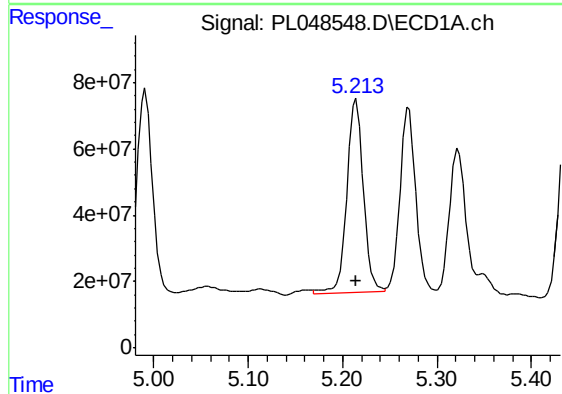
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 485658312  
Conc: 40.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



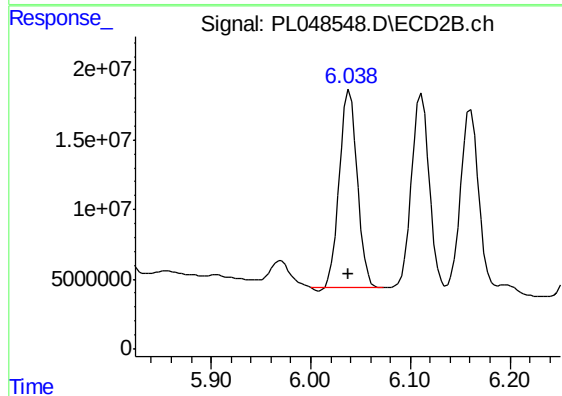
#9 Endosulfan I

R.T.: 6.161 min  
Delta R.T.: 0.001 min  
Response: 154025346  
Conc: 54.47 ng/ml



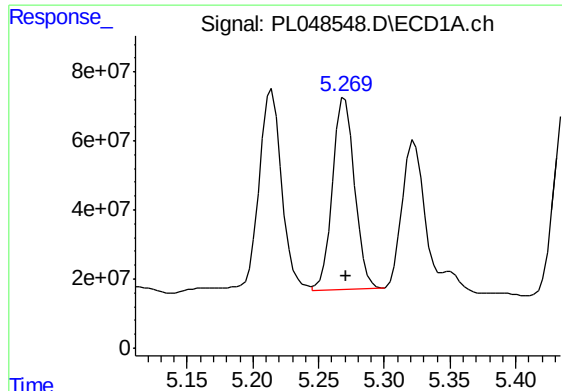
#10 gamma-Chlordane

R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 709787215  
Conc: 53.16 ng/ml



#10 gamma-Chlordane

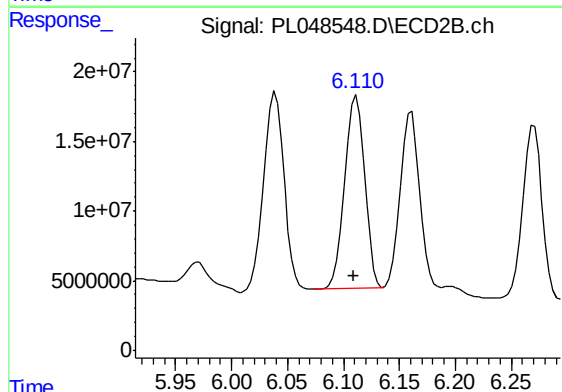
R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 175636516  
Conc: 57.05 ng/ml



#11 alpha-Chlordane

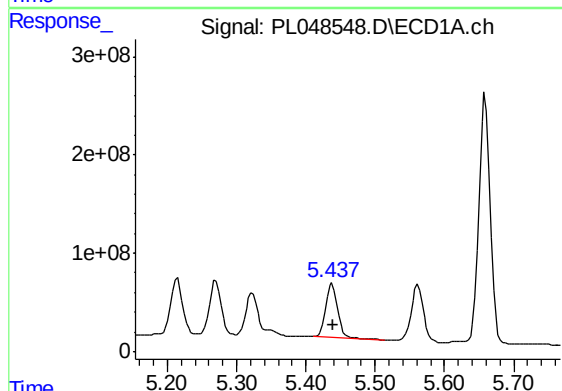
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 645801039  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



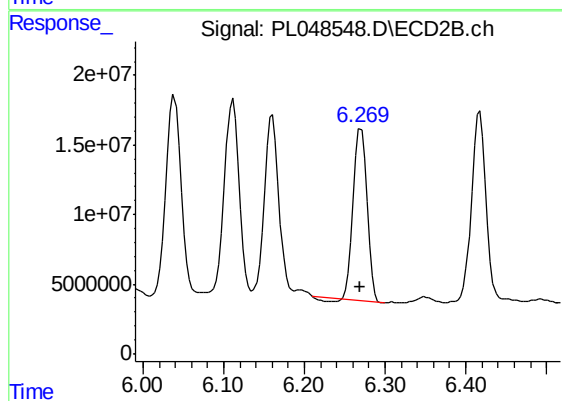
#11 alpha-Chlordane

R.T.: 6.111 min  
Delta R.T.: 0.002 min  
Response: 170185618  
Conc: 55.47 ng/ml



#12 4,4'-DDE

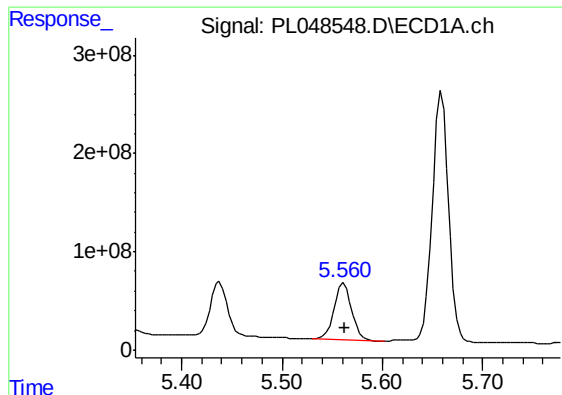
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 659175111  
Conc: 51.96 ng/ml



#12 4,4'-DDE

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 143405549  
Conc: 51.94 ng/ml

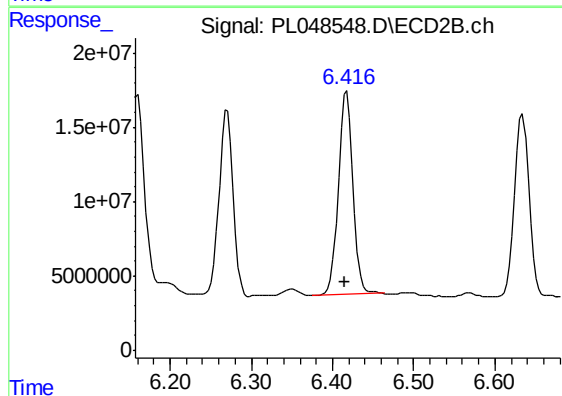




#13 Dielddrin

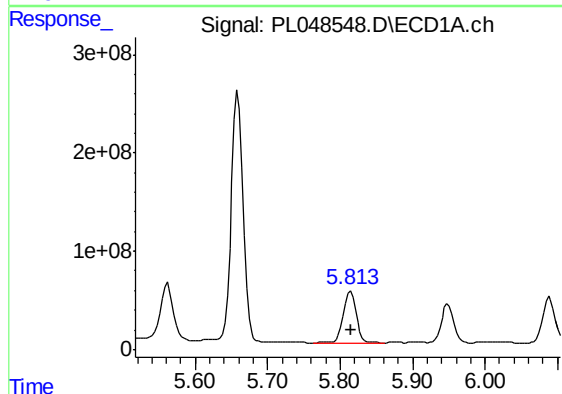
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 701820023  
Conc: 53.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



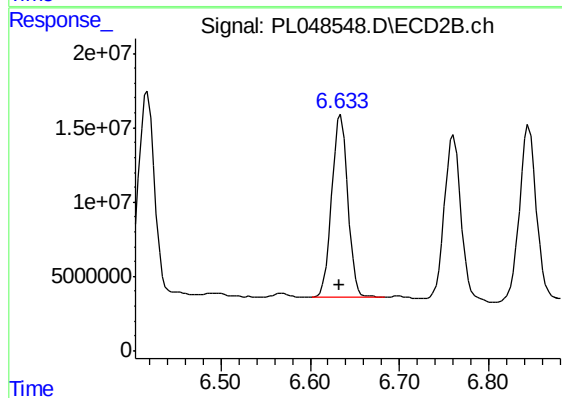
#13 Dielddrin

R.T.: 6.417 min  
Delta R.T.: 0.002 min  
Response: 173128576  
Conc: 59.01 ng/ml



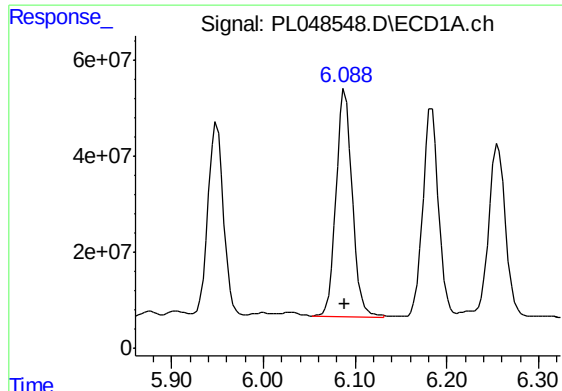
#14 Endrin

R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 646495539  
Conc: 53.10 ng/ml



#14 Endrin

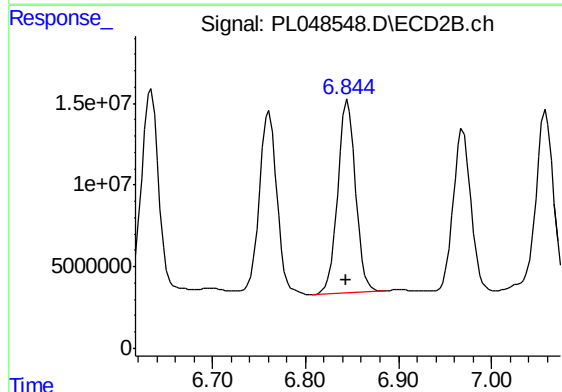
R.T.: 6.634 min  
Delta R.T.: 0.002 min  
Response: 153820481  
Conc: 58.99 ng/ml



#15 Endosulfan II

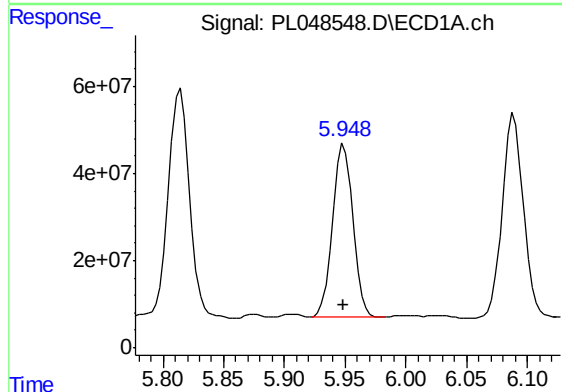
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 579357734  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



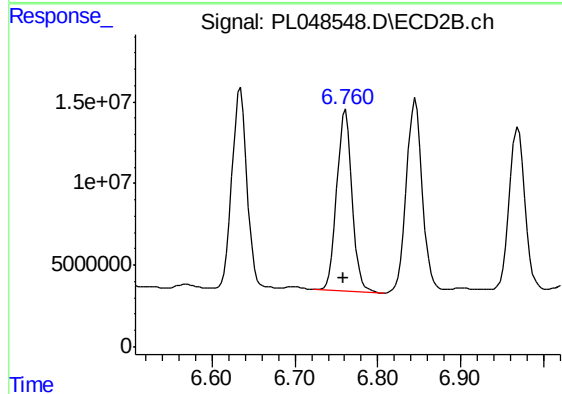
#15 Endosulfan II

R.T.: 6.846 min  
Delta R.T.: 0.003 min  
Response: 156013886  
Conc: 57.86 ng/ml



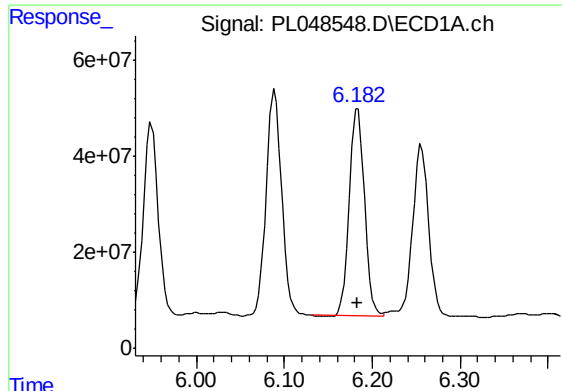
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 463915076  
Conc: 47.66 ng/ml



#16 4,4'-DDD

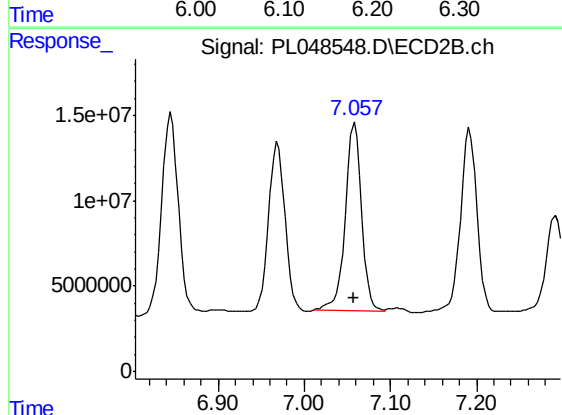
R.T.: 6.761 min  
Delta R.T.: 0.002 min  
Response: 144204918  
Conc: 64.26 ng/ml



#17 4,4'-DDT

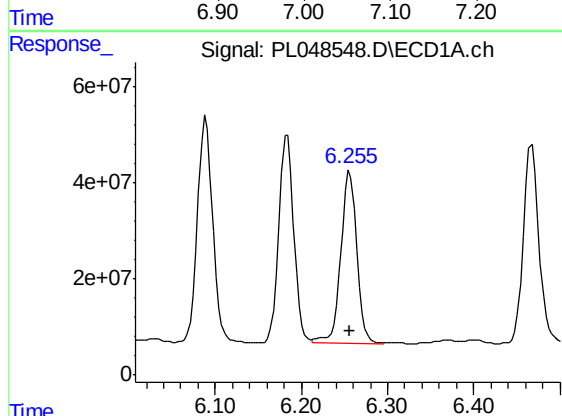
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 516474510  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



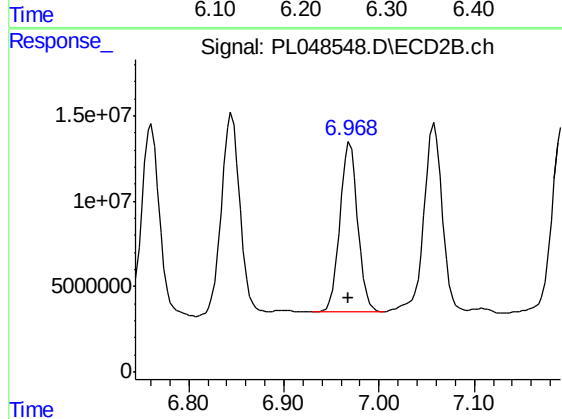
#17 4,4'-DDT

R.T.: 7.059 min  
Delta R.T.: 0.002 min  
Response: 147213093  
Conc: 62.73 ng/ml



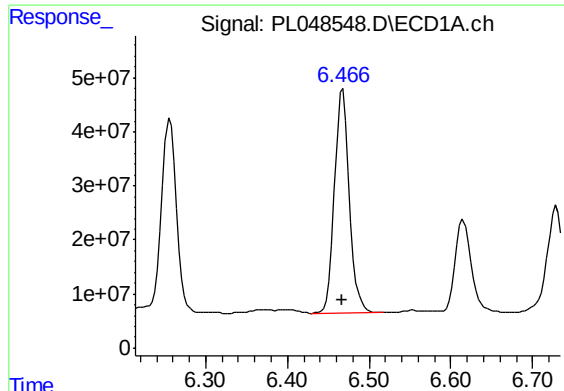
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 461738082  
Conc: 47.51 ng/ml



#18 Endrin aldehyde

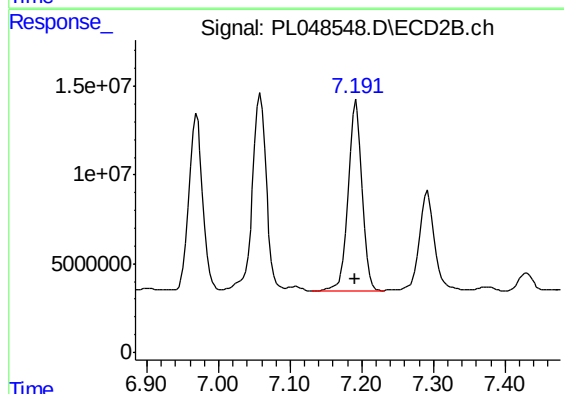
R.T.: 6.969 min  
Delta R.T.: 0.002 min  
Response: 129766583  
Conc: 55.37 ng/ml



#19 Endosulfan Sulfate

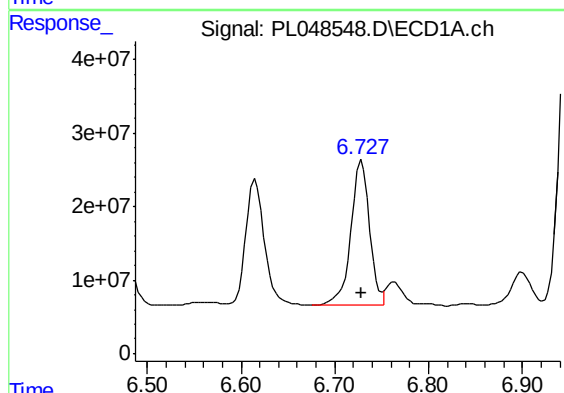
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 521847759  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



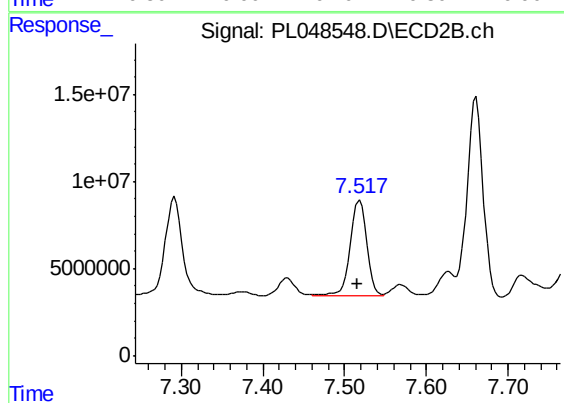
#19 Endosulfan Sulfate

R.T.: 7.192 min  
Delta R.T.: 0.002 min  
Response: 146138743  
Conc: 56.46 ng/ml



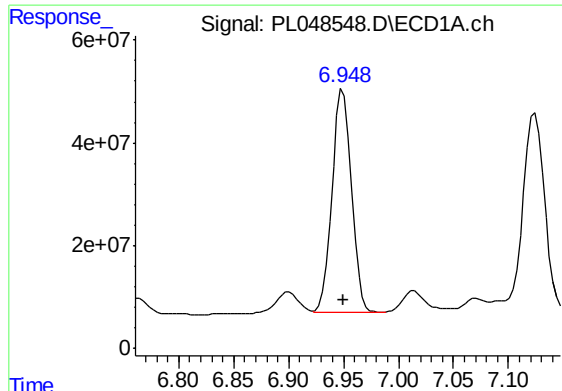
#20 Methoxychlor

R.T.: 6.729 min  
Delta R.T.: 0.000 min  
Response: 268894431  
Conc: 49.39 ng/ml



#20 Methoxychlor

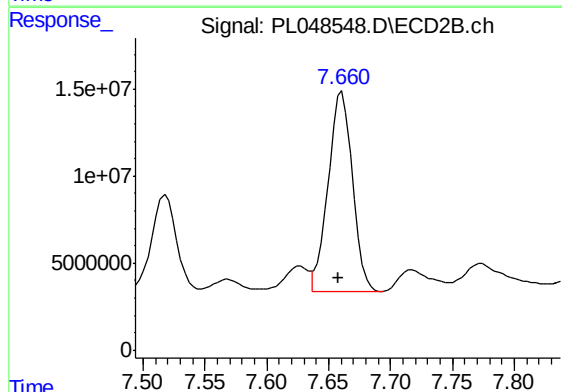
R.T.: 7.518 min  
Delta R.T.: 0.002 min  
Response: 79018120  
Conc: 57.88 ng/ml



#21 Endrin ketone

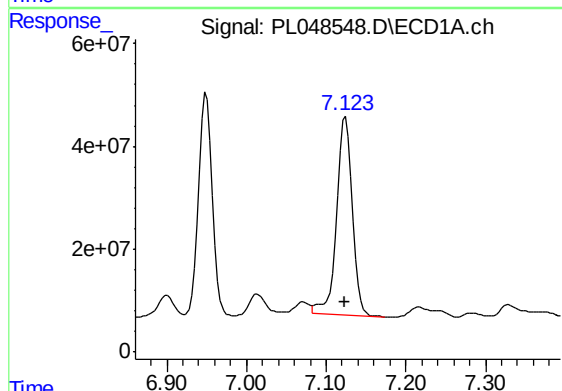
R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 537345586  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



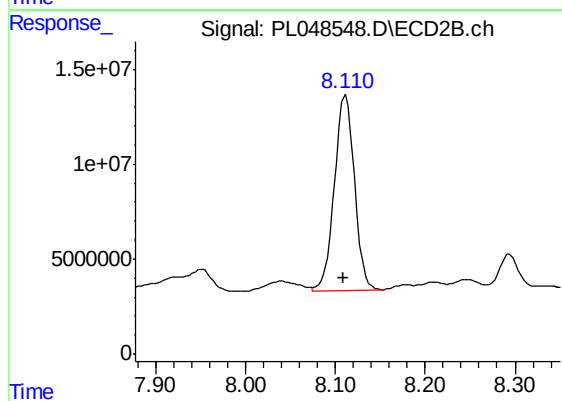
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: 0.003 min  
Response: 157991611  
Conc: 60.47 ng/ml



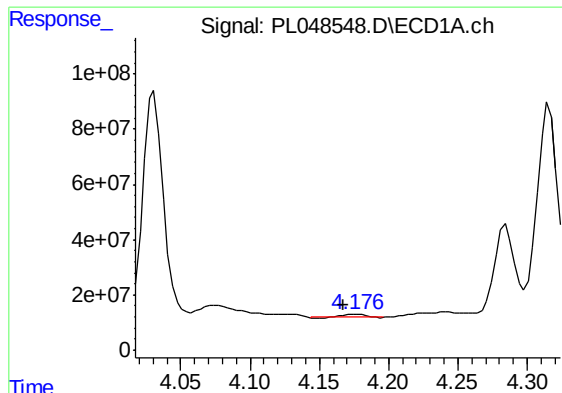
#22 Mirex

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 542447567  
Conc: 60.51 ng/ml



#22 Mirex

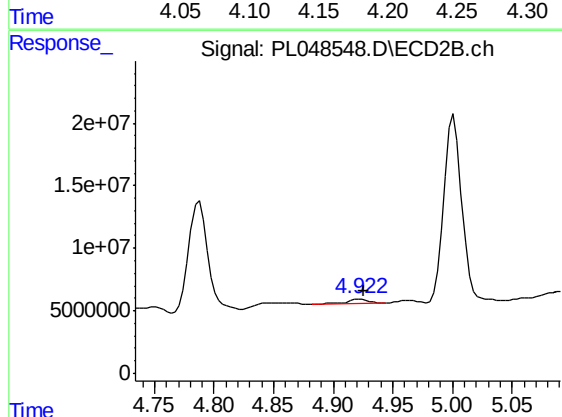
R.T.: 8.112 min  
Delta R.T.: 0.003 min  
Response: 159861052  
Conc: 75.80 ng/ml



#23 Chlordane-1

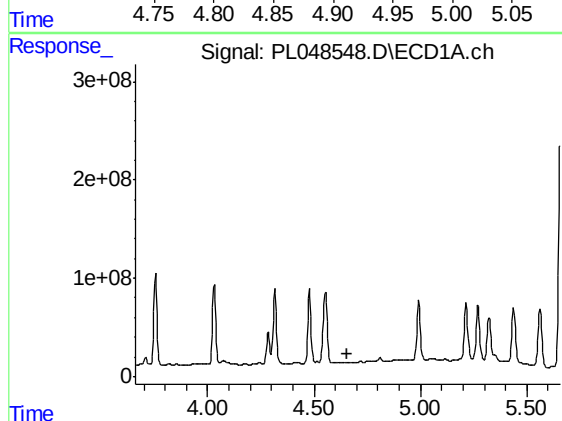
R.T.: 4.177 min  
Delta R.T.: 0.010 min  
Response: 9635599  
Conc: 21.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



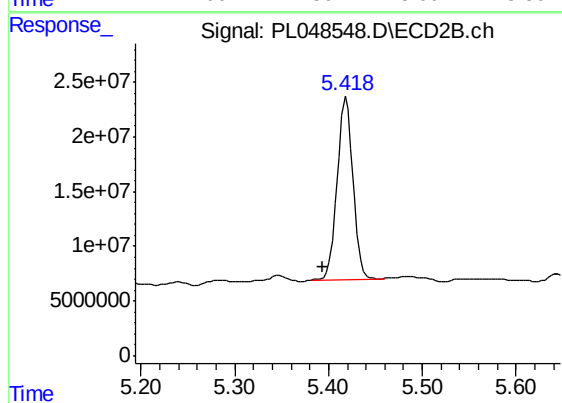
#23 Chlordane-1

R.T.: 4.923 min  
Delta R.T.: -0.002 min  
Response: 5832168  
Conc: 47.75 ng/ml



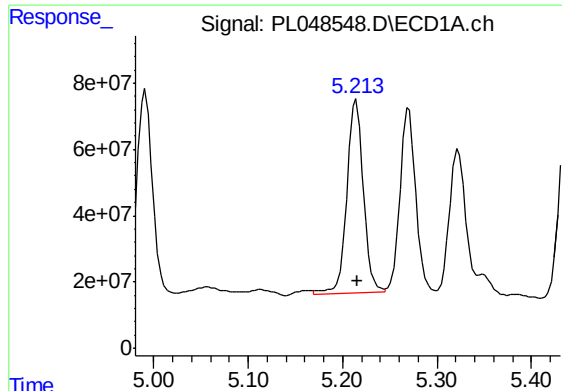
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.658 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

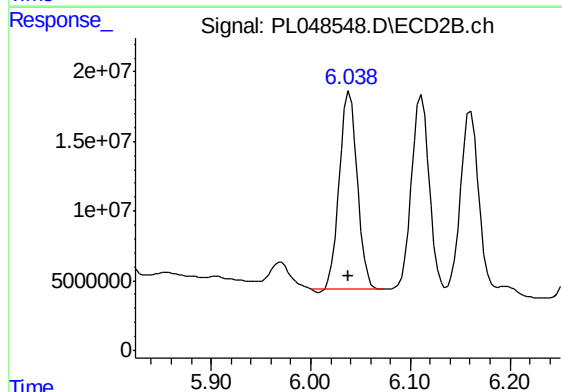
R.T.: 5.419 min  
Delta R.T.: 0.025 min  
Response: 196888965  
Conc: 1522.27 ng/ml



#25 Chlordane-3

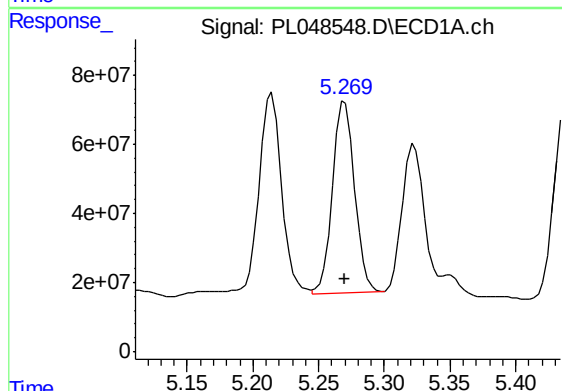
R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 709787215  
Conc: 450.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



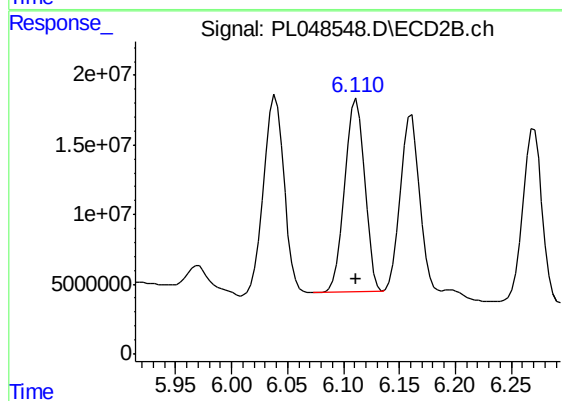
#25 Chlordane-3

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 175636516  
Conc: 400.79 ng/ml



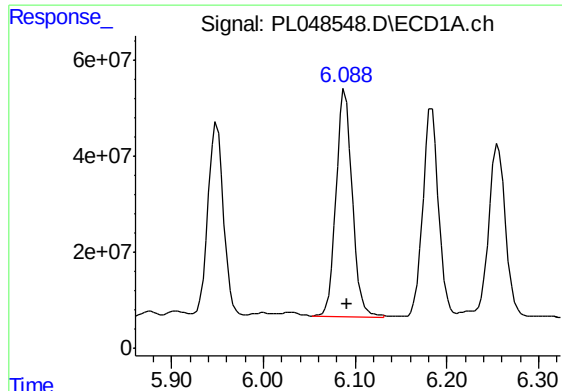
#26 Chlordane-4

R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 645801039  
Conc: 444.82 ng/ml



#26 Chlordane-4

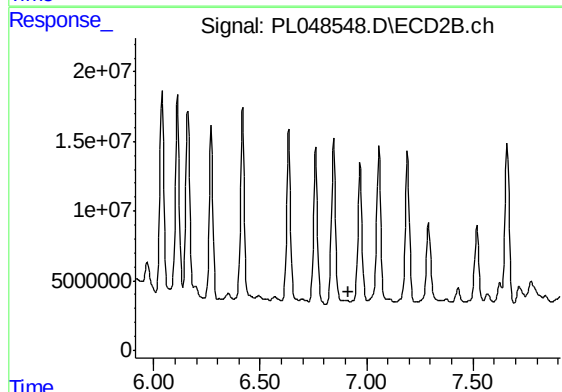
R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 170185618  
Conc: 324.41 ng/ml



#27 Chlordane-5

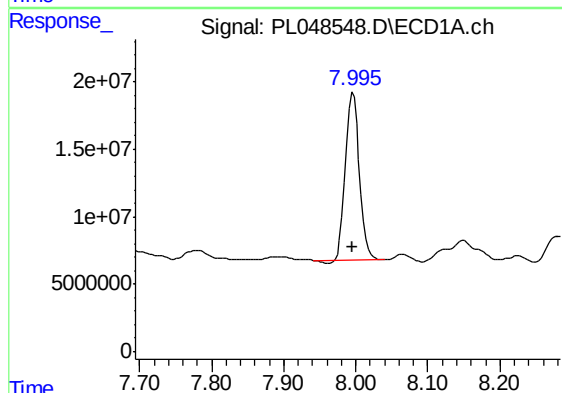
R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 579357734  
Conc: 1233.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-COMPMS



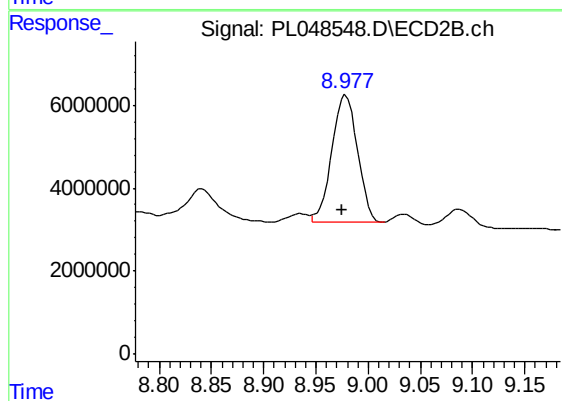
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: 0.000 min  
Response: 166173100  
Conc: 16.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: 0.004 min  
Response: 53066482  
Conc: 19.99 ng/ml