

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041619\  
 Data File : PL047425.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2019 11:58  
 Operator : AJ\SJ  
 Sample : K1560-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 01:05:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.361 | 3.973  | 168.5E6  | 52193772 | 23.160 | 22.796   |
| 28)                         | SA Decachlor... | 8.038 | 9.029  | 207.0E6  | 60937307 | 24.612 | 26.283   |
| Target Compounds            |                 |       |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.789 | 4.363  | 9282377  | 2587328  | 0.796  | 0.805    |
| 3)                          | MA gamma-BHC... | 4.067 | 4.648  | 8529072  | 3447554  | 0.794  | 1.152 #  |
| 4)                          | MA Heptachlor   | 4.354 | 5.155  | 10450413 | 3382384  | 0.948  | 1.100    |
| 5)                          | MB Aldrin       | 4.594 | 5.458  | 9297664  | 2753993  | 0.901  | 0.961    |
| 6)                          | B beta-BHC      | 4.322 | 4.821  | 4486546  | 2509185  | 0.996  | 1.893 #  |
| 7)                          | B delta-BHC     | 4.516 | 0.000  | 7378732  | 0        | 0.729  | N.D. #   |
| 8)                          | B Heptachlor... | 5.032 | 5.843  | 9965489  | 1859274  | 1.022  | 0.705 #  |
| 9)                          | A Endosulfan I  | 5.364 | 6.201  | 8967420  | 2912468  | 0.954  | 1.116    |
| 10)                         | B gamma-Chl...  | 5.254 | 6.079  | 10688088 | 3317786  | 1.040  | 1.169    |
| 11)                         | B alpha-Chl...  | 5.311 | 6.151  | 10118672 | 3131125  | 0.998  | 1.104    |
| 12)                         | B 4,4'-DDE      | 5.478 | 6.309  | 8073167  | 2419926  | 0.877  | 0.975    |
| 13)                         | MA Dieldrin     | 5.603 | 6.458  | 9117614  | 2713976  | 0.909  | 1.001    |
| 14)                         | MA Endrin       | 5.856 | 6.675  | 8824626  | 2315921  | 0.937  | 0.969    |
| 15)                         | B Endosulfa...  | 6.130 | 6.886  | 9402007  | 3275764  | 1.049  | 1.358 #  |
| 16)                         | A 4,4'-DDD      | 5.989 | 6.800  | 6958816  | 1981311  | 0.921  | 0.985    |
| 17)                         | MA 4,4'-DDT     | 6.224 | 7.097  | 5502572  | 1992106  | 0.726  | 0.950 #  |
| 18)                         | B Endrin al...  | 6.298 | 7.009  | 7661135  | 2436056  | 1.022  | 1.147    |
| 19)                         | B Endosulfa...  | 6.509 | 7.233  | 9123598  | 2767473  | 1.111  | 1.173    |
| 21)                         | B Endrin ke...  | 6.992 | 7.702  | 8710665  | 2488206  | 0.942  | 1.001    |
| 22)                         | Mirex           | 7.168 | 8.155  | 9052515  | 2736169  | 1.243  | 1.368    |
| 24)                         | Chlordane-2     | 0.000 | 5.458f | 0        | 2753993  | N.D.   | 23.577 # |
| 25)                         | Chlordane-3     | 5.254 | 6.079  | 10688088 | 3317786  | 9.597  | 8.702    |
| 26)                         | Chlordane-4     | 5.311 | 6.151  | 10118672 | 3131125  | 9.785  | 6.786 #  |
| 27)                         | Chlordane-5     | 6.130 | 0.000  | 9402007  | 0        | 27.550 | N.D. #   |
| -----                       |                 |       |        |          |          |        |          |

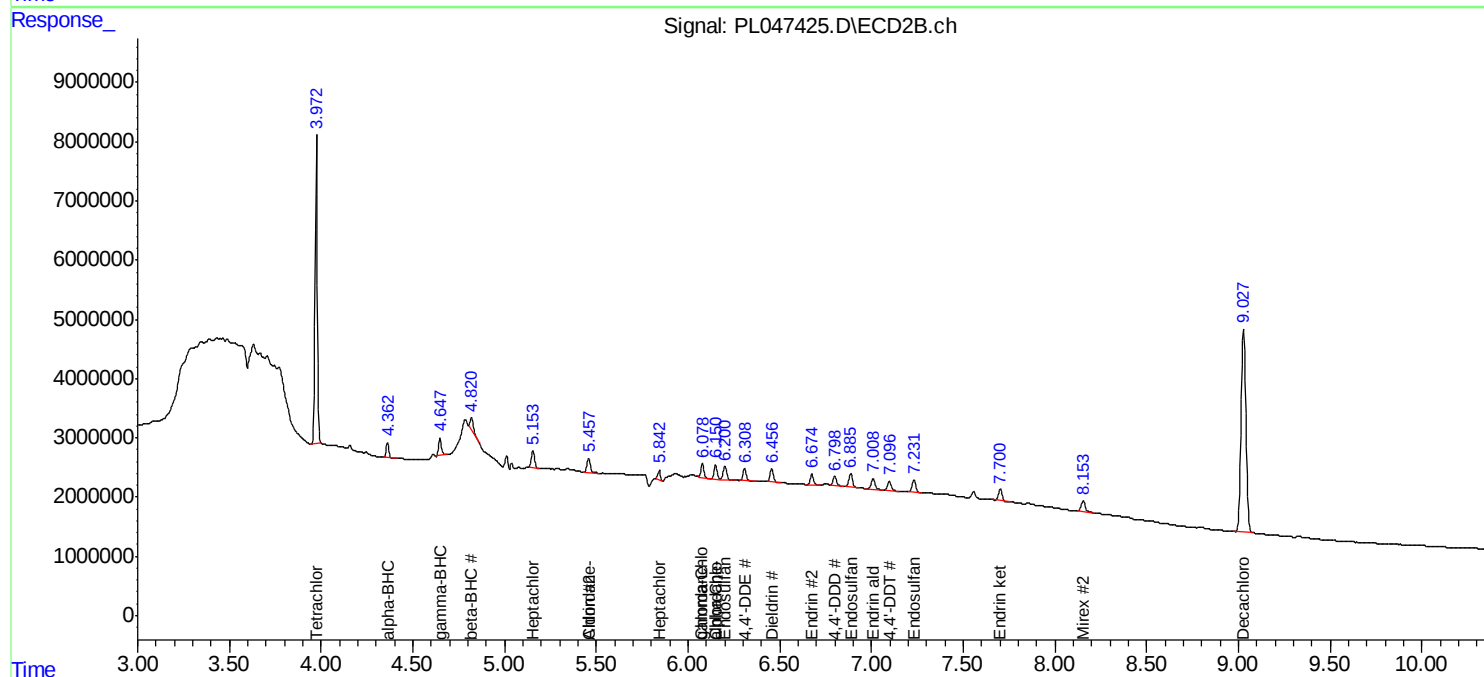
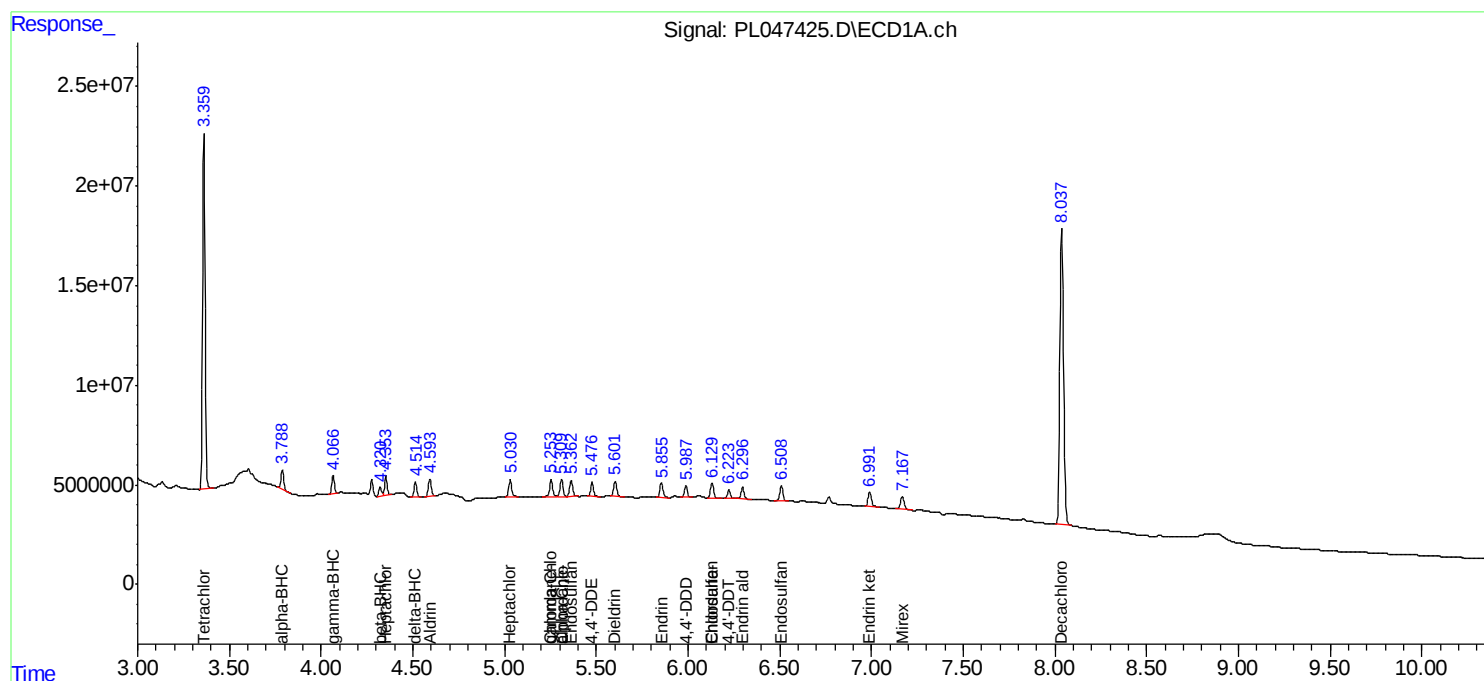
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

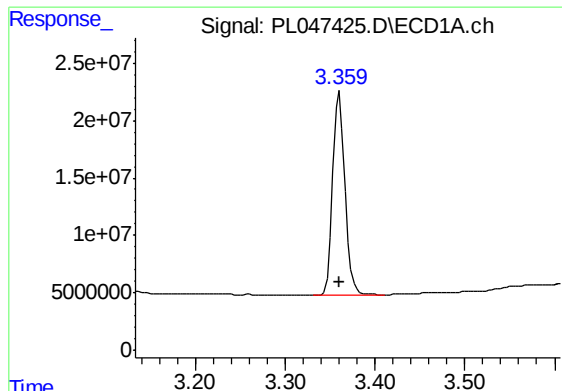
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041619\  
Data File : PL047425.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2019 11:58  
Operator : AJ\SJ  
Sample : K1560-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 01:05:33 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

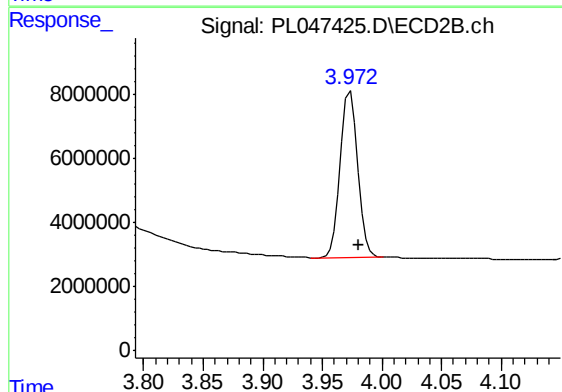




#1 Tetrachloro-m-xylene

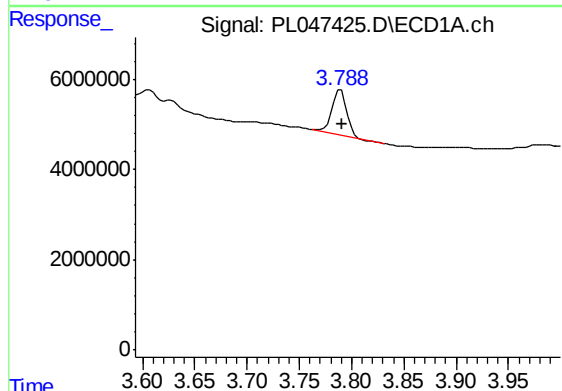
R.T.: 3.361 min  
Delta R.T.: 0.000 min  
Response: 168483332  
Conc: 23.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



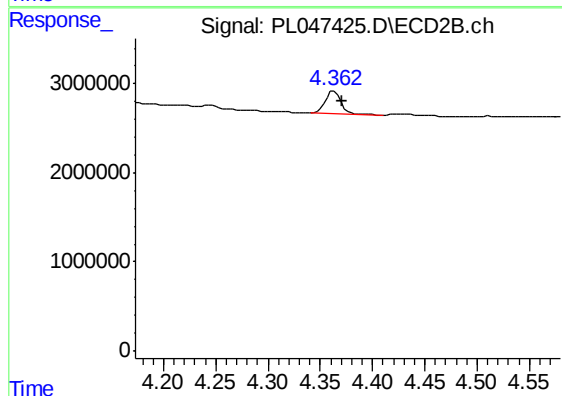
#1 Tetrachloro-m-xylene

R.T.: 3.973 min  
Delta R.T.: -0.007 min  
Response: 52193772  
Conc: 22.80 ng/ml



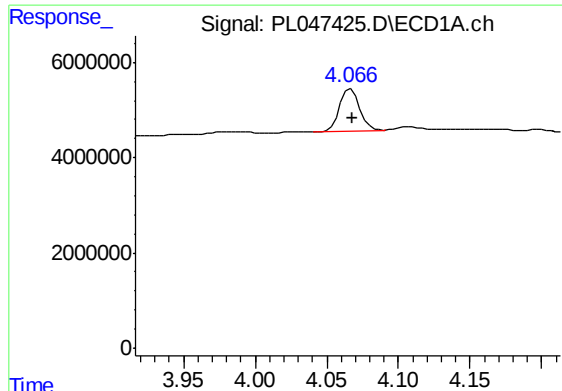
#2 alpha-BHC

R.T.: 3.789 min  
Delta R.T.: -0.001 min  
Response: 9282377  
Conc: 0.80 ng/ml



#2 alpha-BHC

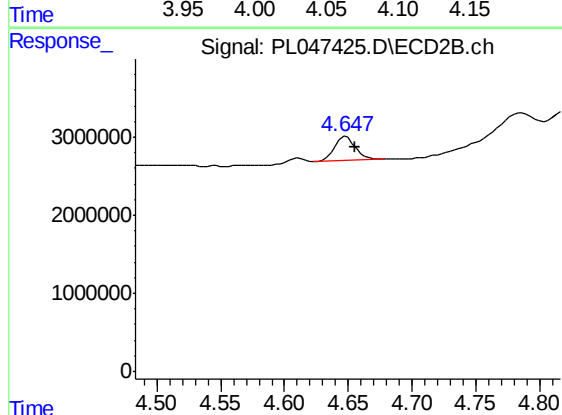
R.T.: 4.363 min  
Delta R.T.: -0.008 min  
Response: 2587328  
Conc: 0.81 ng/ml



#3 gamma-BHC (Lindane)

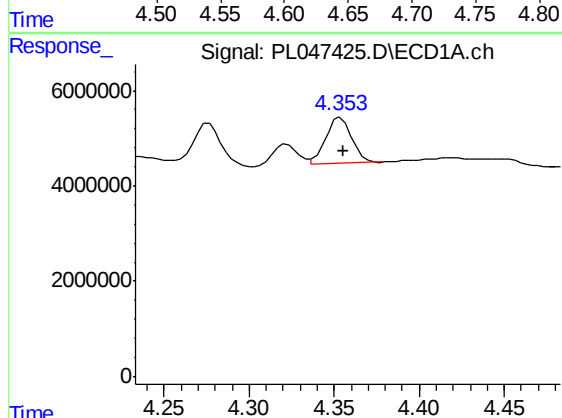
R.T.: 4.067 min  
Delta R.T.: -0.001 min  
Response: 8529072  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



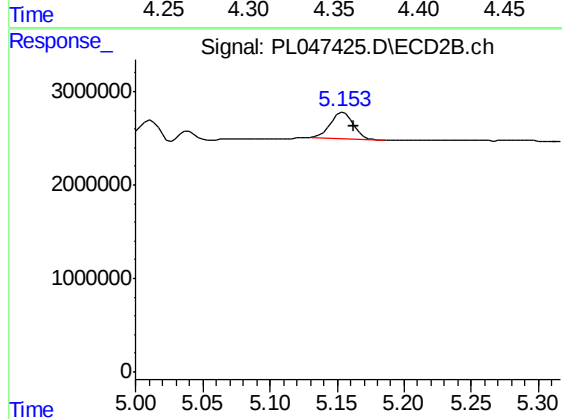
#3 gamma-BHC (Lindane)

R.T.: 4.648 min  
Delta R.T.: -0.007 min  
Response: 3447554  
Conc: 1.15 ng/ml



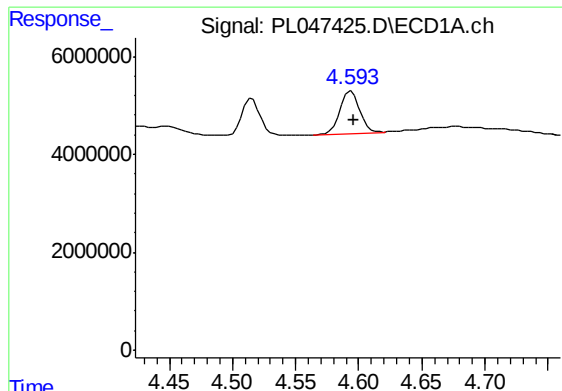
#4 Heptachlor

R.T.: 4.354 min  
Delta R.T.: -0.002 min  
Response: 10450413  
Conc: 0.95 ng/ml



#4 Heptachlor

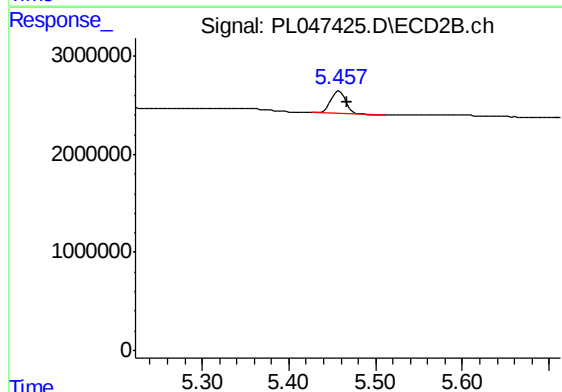
R.T.: 5.155 min  
Delta R.T.: -0.008 min  
Response: 3382384  
Conc: 1.10 ng/ml



#5 Aldrin

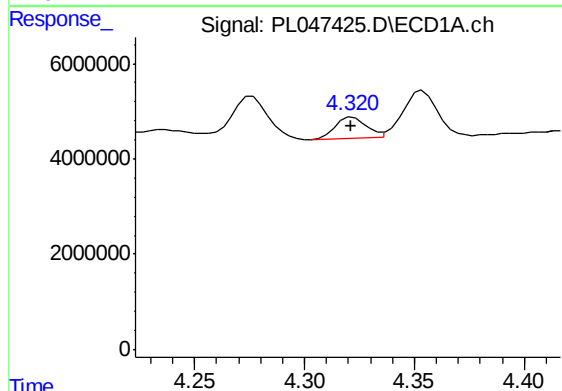
R.T.: 4.594 min  
Delta R.T.: -0.002 min  
Response: 9297664  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



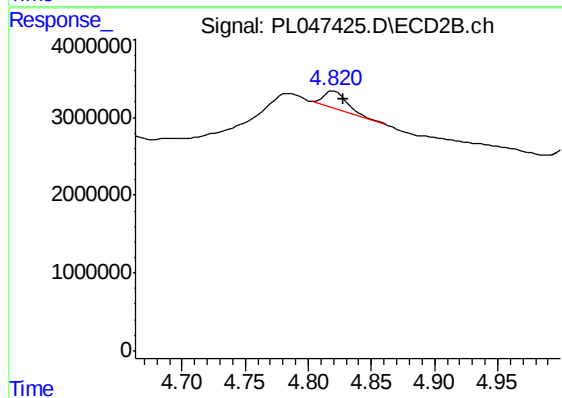
#5 Aldrin

R.T.: 5.458 min  
Delta R.T.: -0.009 min  
Response: 2753993  
Conc: 0.96 ng/ml



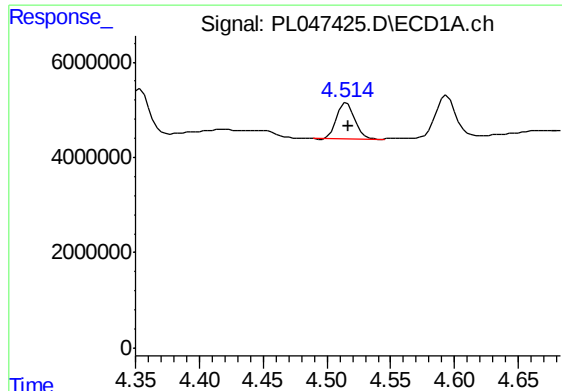
#6 beta-BHC

R.T.: 4.322 min  
Delta R.T.: 0.000 min  
Response: 4486546  
Conc: 1.00 ng/ml



#6 beta-BHC

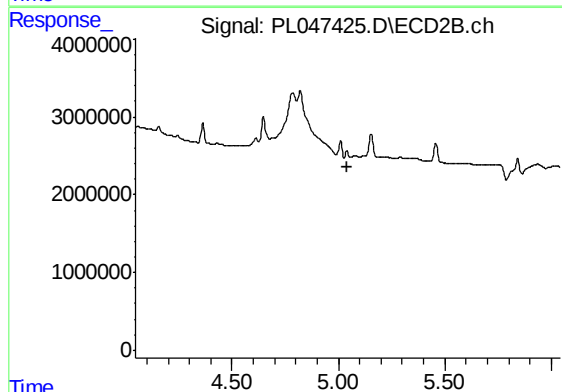
R.T.: 4.821 min  
Delta R.T.: -0.007 min  
Response: 2509185  
Conc: 1.89 ng/ml



#7 delta-BHC

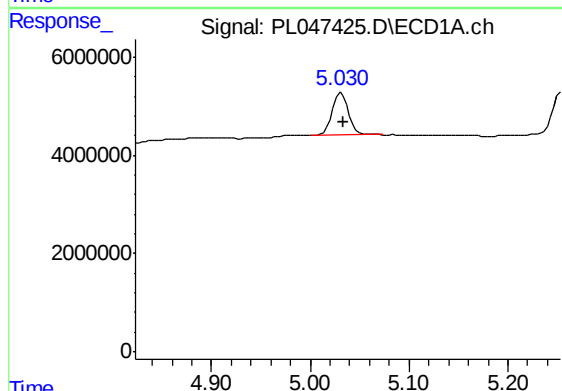
R.T.: 4.516 min  
Delta R.T.: -0.001 min  
Response: 7378732  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



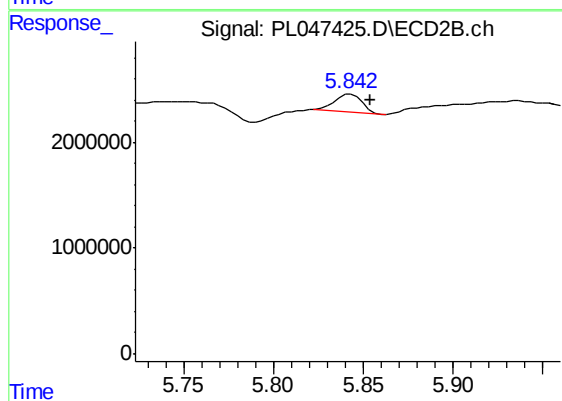
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.044 min  
Response: 0  
Conc: N.D.



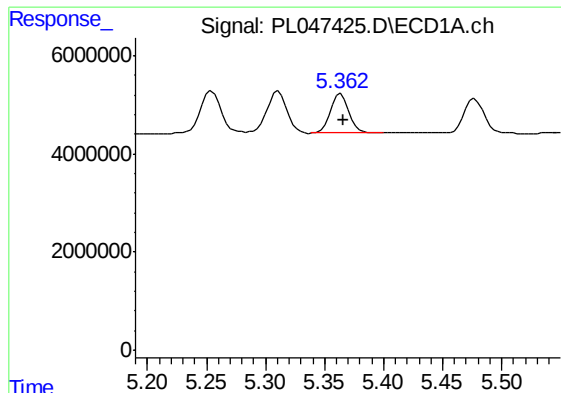
#8 Heptachlor epoxide

R.T.: 5.032 min  
Delta R.T.: -0.002 min  
Response: 9965489  
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

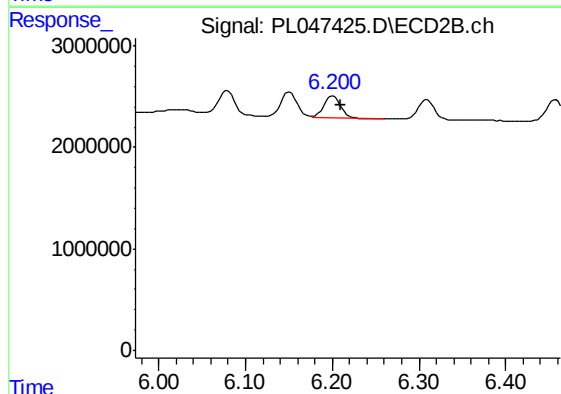
R.T.: 5.843 min  
Delta R.T.: -0.010 min  
Response: 1859274  
Conc: 0.71 ng/ml



#9 Endosulfan I

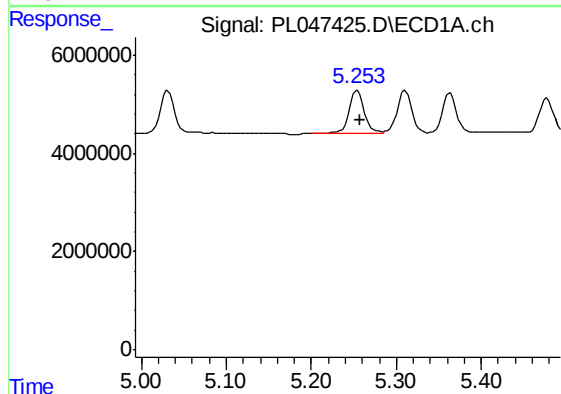
R.T.: 5.364 min  
Delta R.T.: -0.003 min  
Response: 8967420  
Conc: 0.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



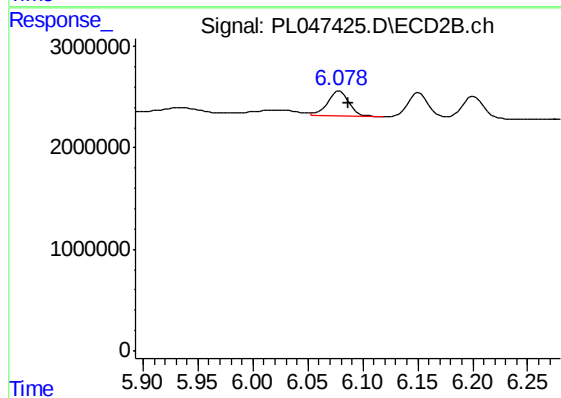
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: -0.009 min  
Response: 2912468  
Conc: 1.12 ng/ml



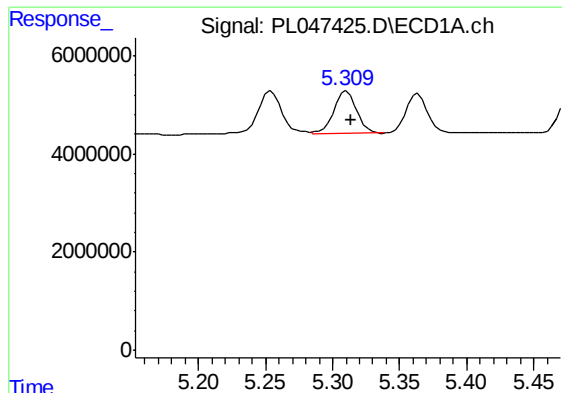
#10 gamma-Chlordane

R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 10688088  
Conc: 1.04 ng/ml



#10 gamma-Chlordane

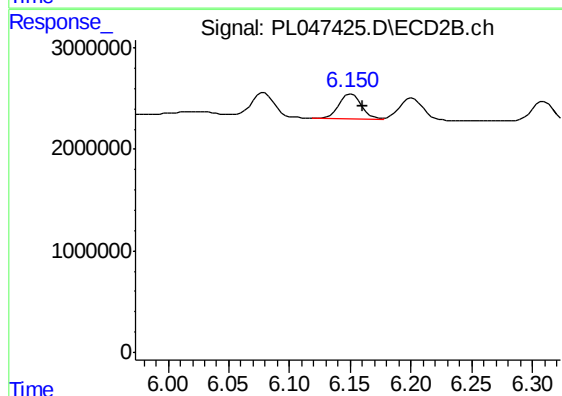
R.T.: 6.079 min  
Delta R.T.: -0.008 min  
Response: 3317786  
Conc: 1.17 ng/ml



#11 alpha-Chlordane

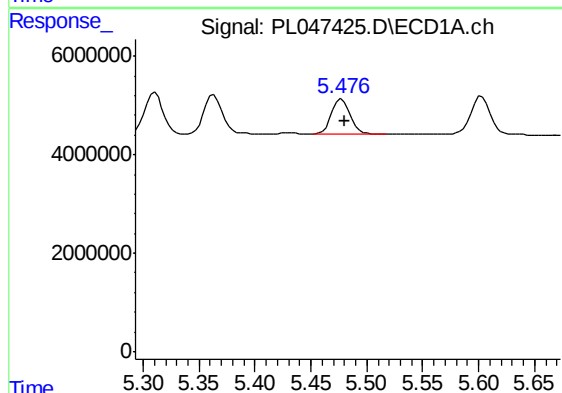
R.T.: 5.311 min  
Delta R.T.: -0.003 min  
Response: 10118672  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



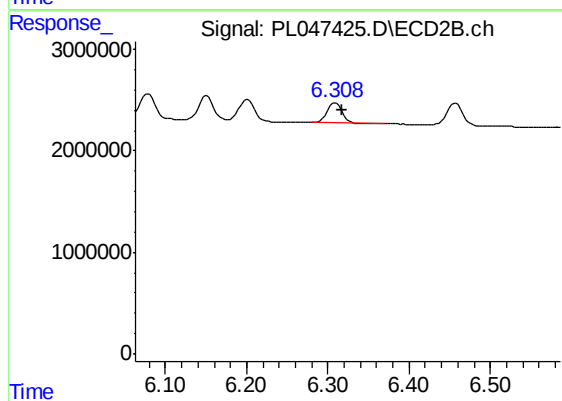
#11 alpha-Chlordane

R.T.: 6.151 min  
Delta R.T.: -0.009 min  
Response: 3131125  
Conc: 1.10 ng/ml



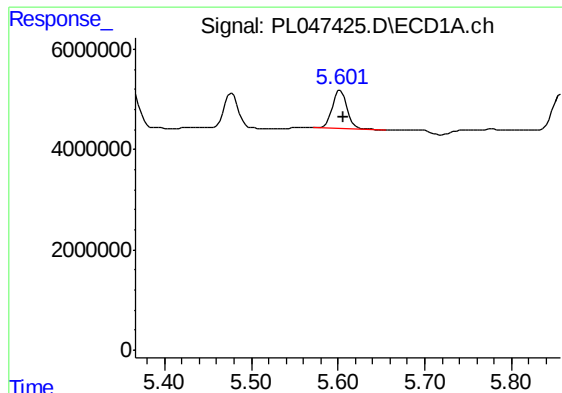
#12 4,4'-DDE

R.T.: 5.478 min  
Delta R.T.: -0.003 min  
Response: 8073167  
Conc: 0.88 ng/ml



#12 4,4'-DDE

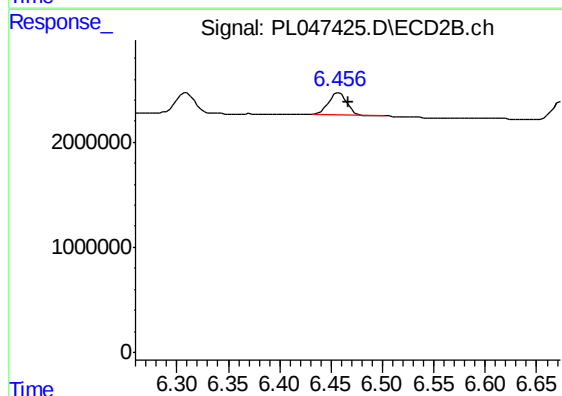
R.T.: 6.309 min  
Delta R.T.: -0.009 min  
Response: 2419926  
Conc: 0.97 ng/ml



#13 Dielldrin

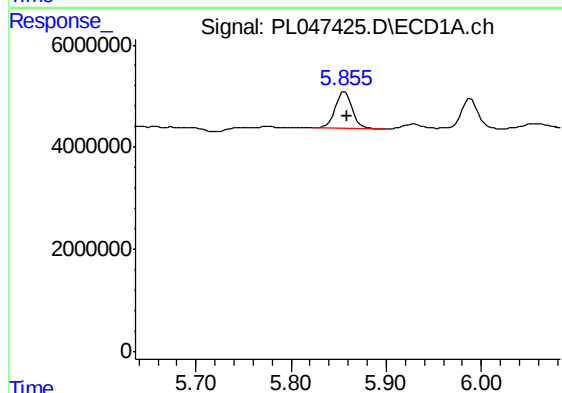
R.T.: 5.603 min  
Delta R.T.: -0.003 min  
Response: 9117614  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



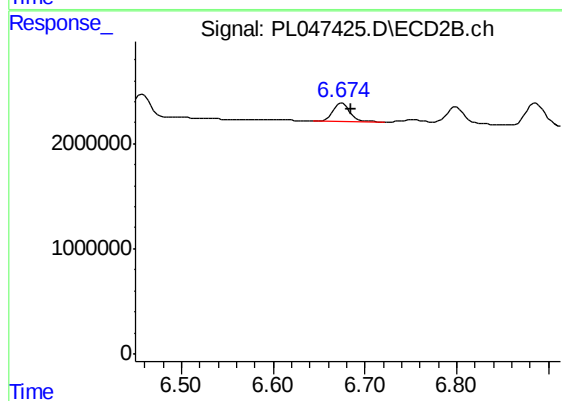
#13 Dielldrin

R.T.: 6.458 min  
Delta R.T.: -0.009 min  
Response: 2713976  
Conc: 1.00 ng/ml



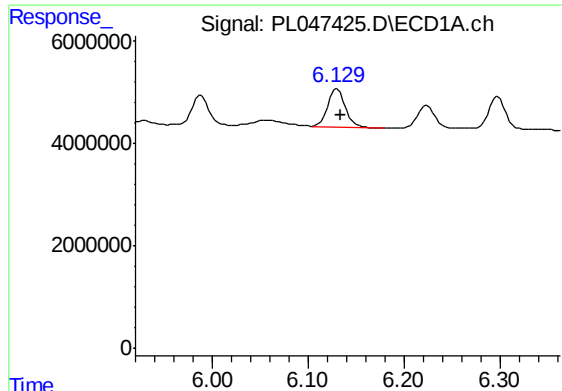
#14 Endrin

R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 8824626  
Conc: 0.94 ng/ml



#14 Endrin

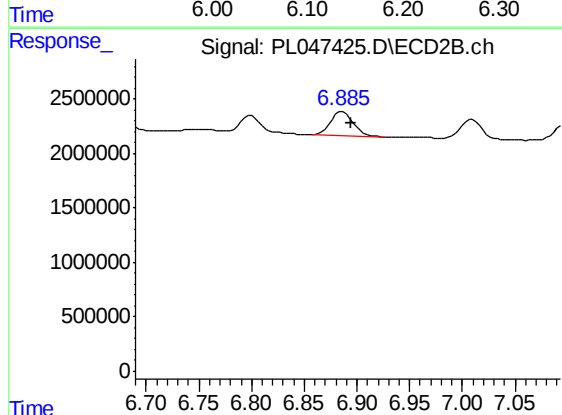
R.T.: 6.675 min  
Delta R.T.: -0.009 min  
Response: 2315921  
Conc: 0.97 ng/ml



#15 Endosulfan II

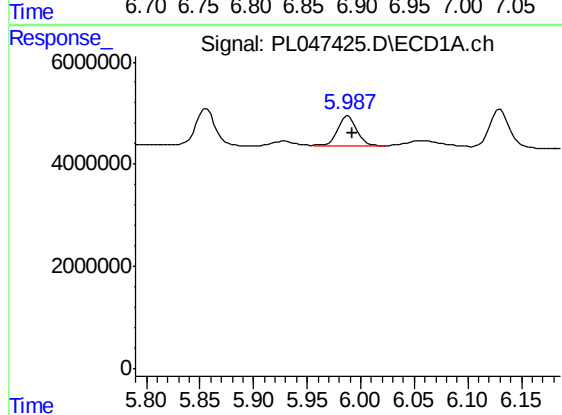
R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 9402007  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



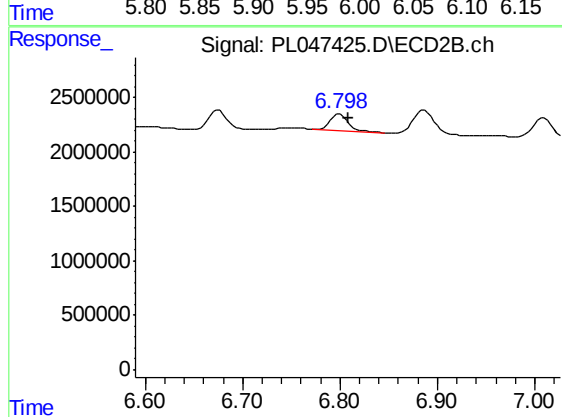
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: -0.008 min  
Response: 3275764  
Conc: 1.36 ng/ml



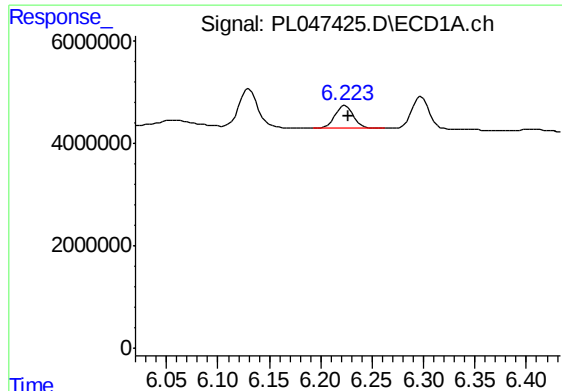
#16 4,4'-DDD

R.T.: 5.989 min  
Delta R.T.: -0.004 min  
Response: 6958816  
Conc: 0.92 ng/ml



#16 4,4'-DDD

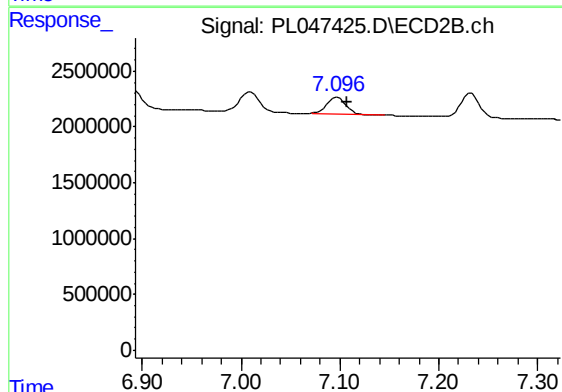
R.T.: 6.800 min  
Delta R.T.: -0.009 min  
Response: 1981311  
Conc: 0.98 ng/ml



#17 4,4'-DDT

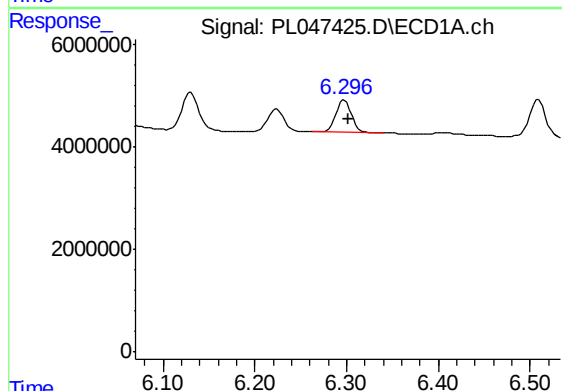
R.T.: 6.224 min  
Delta R.T.: -0.003 min  
Response: 5502572  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



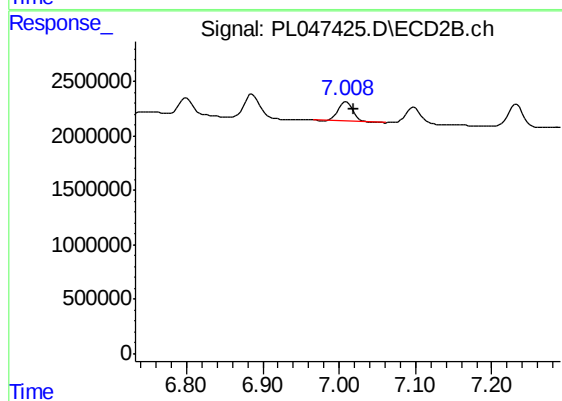
#17 4,4'-DDT

R.T.: 7.097 min  
Delta R.T.: -0.010 min  
Response: 1992106  
Conc: 0.95 ng/ml



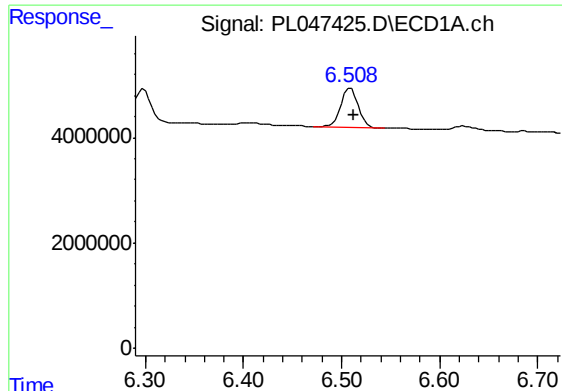
#18 Endrin aldehyde

R.T.: 6.298 min  
Delta R.T.: -0.004 min  
Response: 7661135  
Conc: 1.02 ng/ml



#18 Endrin aldehyde

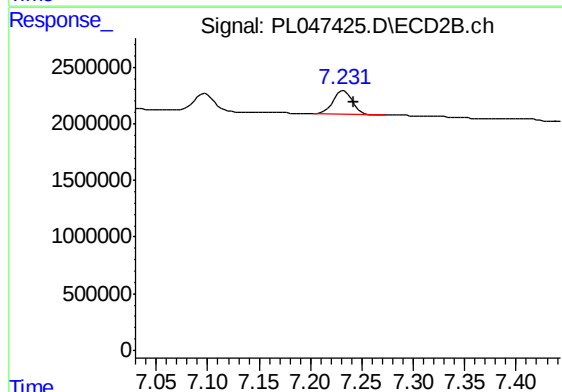
R.T.: 7.009 min  
Delta R.T.: -0.009 min  
Response: 2436056  
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

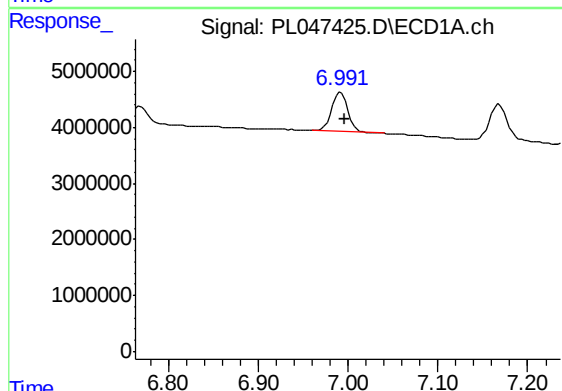
R.T.: 6.509 min  
Delta R.T.: -0.004 min  
Response: 9123598  
Conc: 1.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



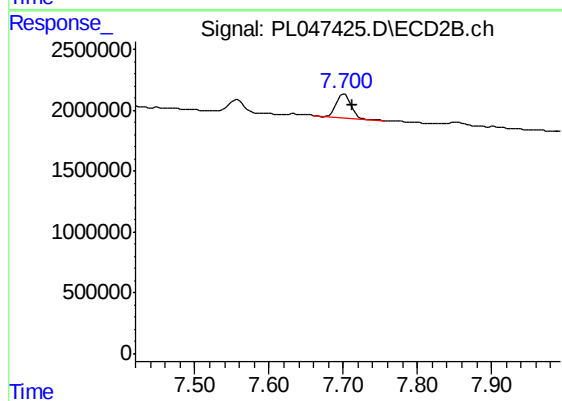
#19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: -0.009 min  
Response: 2767473  
Conc: 1.17 ng/ml



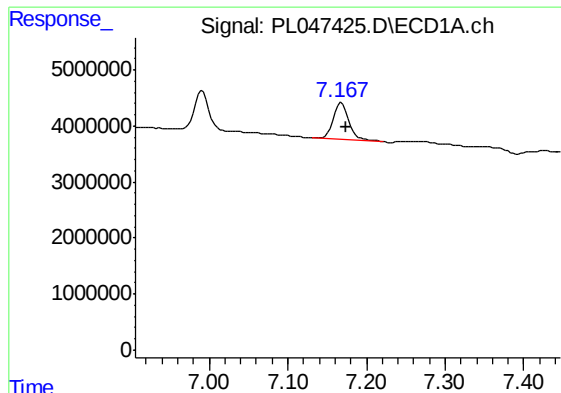
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.004 min  
Response: 8710665  
Conc: 0.94 ng/ml



#21 Endrin ketone

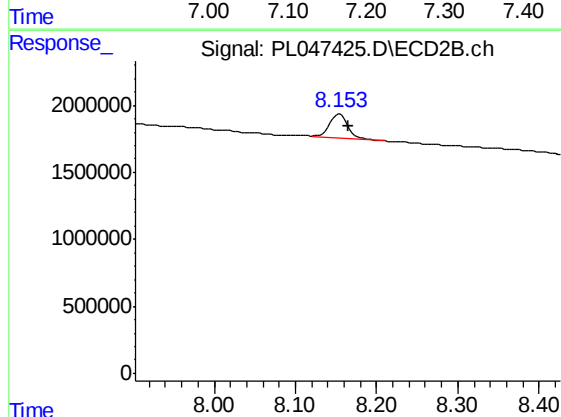
R.T.: 7.702 min  
Delta R.T.: -0.010 min  
Response: 2488206  
Conc: 1.00 ng/ml



#22 Mirex

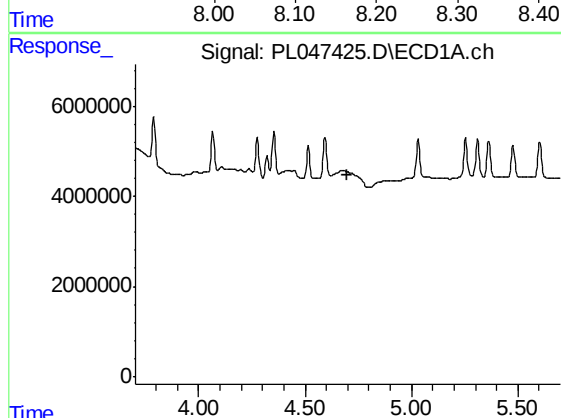
R.T.: 7.168 min  
Delta R.T.: -0.005 min  
Response: 9052515  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



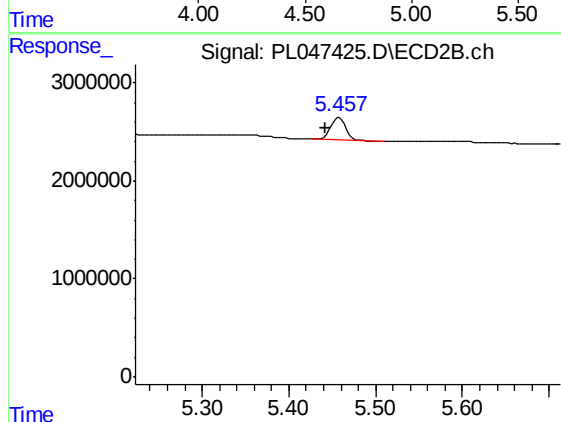
#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.010 min  
Response: 2736169  
Conc: 1.37 ng/ml



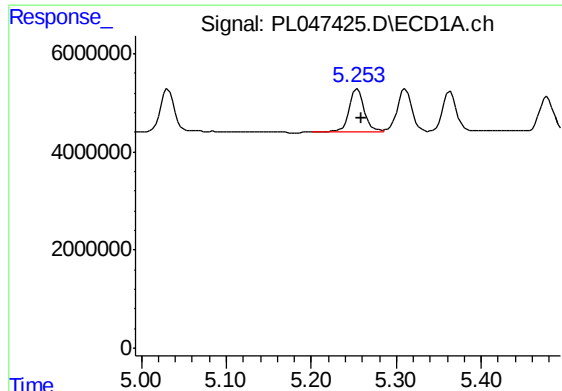
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

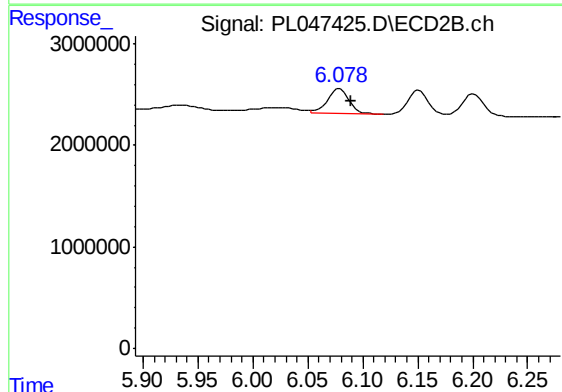
R.T.: 5.458 min  
Delta R.T.: 0.015 min  
Response: 2753993  
Conc: 23.58 ng/ml



#25 Chlordane-3

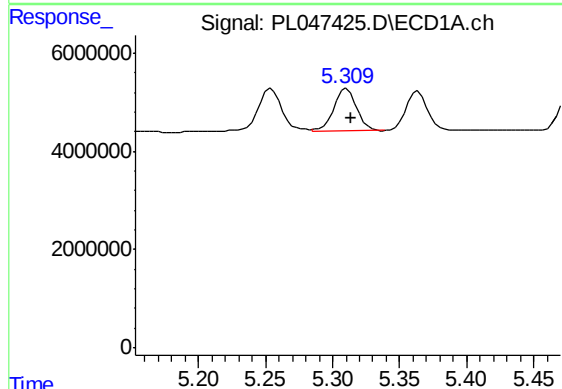
R.T.: 5.254 min  
Delta R.T.: -0.004 min  
Response: 10688088  
Conc: 9.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



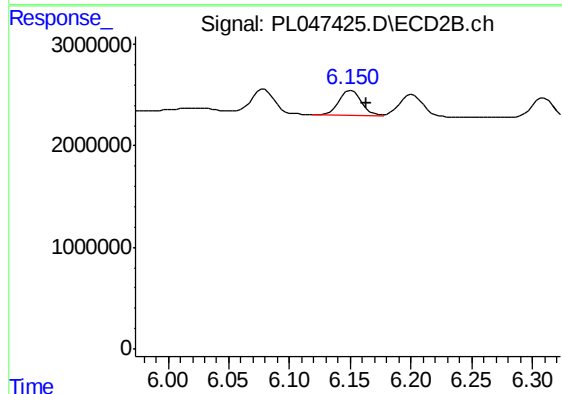
#25 Chlordane-3

R.T.: 6.079 min  
Delta R.T.: -0.010 min  
Response: 3317786  
Conc: 8.70 ng/ml



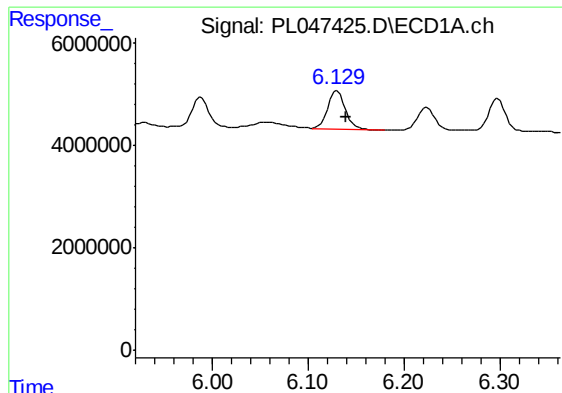
#26 Chlordane-4

R.T.: 5.311 min  
Delta R.T.: -0.004 min  
Response: 10118672  
Conc: 9.79 ng/ml



#26 Chlordane-4

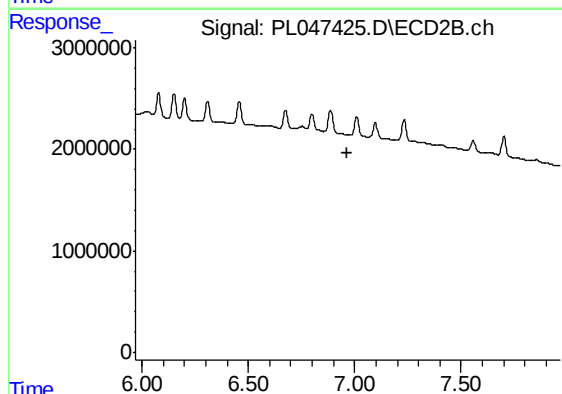
R.T.: 6.151 min  
Delta R.T.: -0.012 min  
Response: 3131125  
Conc: 6.79 ng/ml



#27 Chlordane-5

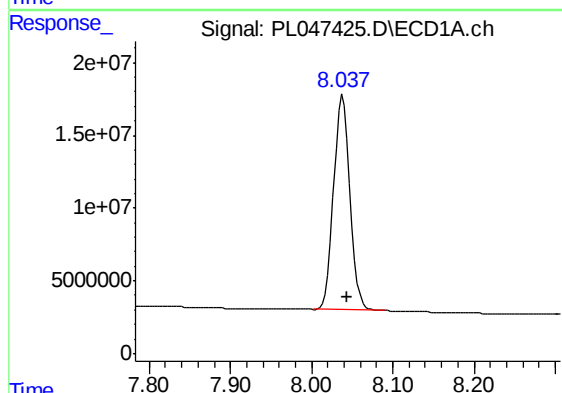
R.T.: 6.130 min  
Delta R.T.: -0.009 min  
Response: 9402007  
Conc: 27.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



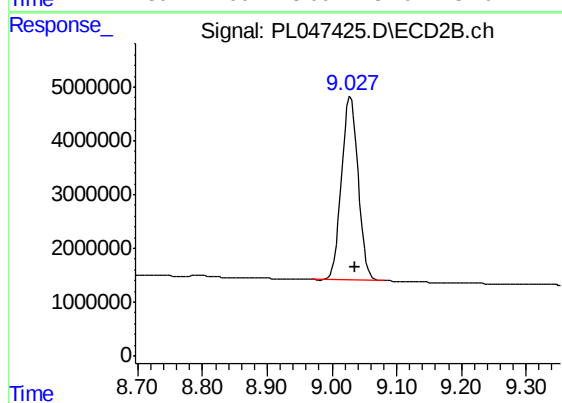
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.038 min  
Delta R.T.: -0.006 min  
Response: 207010787  
Conc: 24.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: -0.006 min  
Response: 60937307  
Conc: 26.28 ng/ml