

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021025\  
 Data File : PL094128.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2025 17:56  
 Operator : AR\AJ  
 Sample : Q1344-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 10 21:11:30 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... | 3.539 | 2.774  | 107.1E6  | 79158229 | 39.790 | 24.251 # |
| 28)                         | SA Decachlor... | 9.052 | 7.908  | 43505966 | 73681686 | 20.797 | 21.027   |
| Target Compounds            |                 |       |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000 | 3.263  | 0        | 276917   | N.D.   | 0.057 #  |
| 3)                          | MA gamma-BHC... | 0.000 | 3.629f | 0        | 92105    | N.D.   | 0.019 #  |
| 4)                          | MA Heptachlor   | 0.000 | 3.946  | 0        | 884772   | N.D.   | 0.190 #  |
| 5)                          | MB Aldrin       | 0.000 | 4.213  | 0        | 162839   | N.D.   | 0.036 #  |
| 6)                          | B beta-BHC      | 0.000 | 3.881f | 0        | 1453279  | N.D.   | 0.728 #  |
| 7)                          | B delta-BHC     | 4.761 | 4.131  | 1850278  | 210834   | 0.528  | 0.044 #  |
| 8)                          | B Heptachlo...  | 0.000 | 4.735  | 0        | 17920    | N.D.   | 0.004 #  |
| 10)                         | B gamma-Chl...  | 0.000 | 4.976  | 0        | 917700   | N.D.   | 0.217 #  |
| 11)                         | B alpha-Chl...  | 0.000 | 5.039  | 0        | 1218115  | N.D.   | 0.291 #  |
| 12)                         | B 4,4'-DDE      | 0.000 | 5.228  | 0        | 704301   | N.D.   | 0.176 #  |
| 13)                         | MA Dieldrin     | 0.000 | 5.357  | 0        | 336598   | N.D.   | 0.078 #  |
| 14)                         | MA Endrin       | 0.000 | 5.653f | 0        | 537271   | N.D.   | 0.145 #  |
| 15)                         | B Endosulfa...  | 0.000 | 5.959f | 0        | 547469   | N.D.   | 0.148 #  |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.033  | 0        | 1652690  | N.D.   | 0.508 #  |
| 18)                         | B Endrin al...  | 0.000 | 6.128f | 0        | 109327   | N.D.   | 0.036 #  |
| 19)                         | B Endosulfa...  | 0.000 | 6.355f | 0        | 1102764  | N.D.   | 0.309 #  |
| 20)                         | A Methoxychlor  | 0.000 | 6.633f | 0        | 167830   | N.D.   | 0.094 #  |
| 21)                         | B Endrin ke...  | 0.000 | 6.815f | 0        | 397672   | N.D.   | 0.095 #  |
| 22)                         | Mirex           | 0.000 | 7.031  | 0        | 259512   | N.D.   | 0.077 #  |
| 23)                         | Chlordane-1     | 0.000 | 3.763  | 0        | 474502   | N.D.   | 3.802 #  |
| 24)                         | Chlordane-2     | 0.000 | 4.367f | 0        | 919059   | N.D.   | 6.264 #  |
| 25)                         | Chlordane-3     | 0.000 | 4.976  | 0        | 917700   | N.D.   | 2.111 #  |
| 26)                         | Chlordane-4     | 0.000 | 5.039  | 0        | 1218115  | N.D.   | 2.875 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.959f | 0        | 547469   | N.D.   | 3.574 #  |
| -----                       |                 |       |        |          |          |        |          |

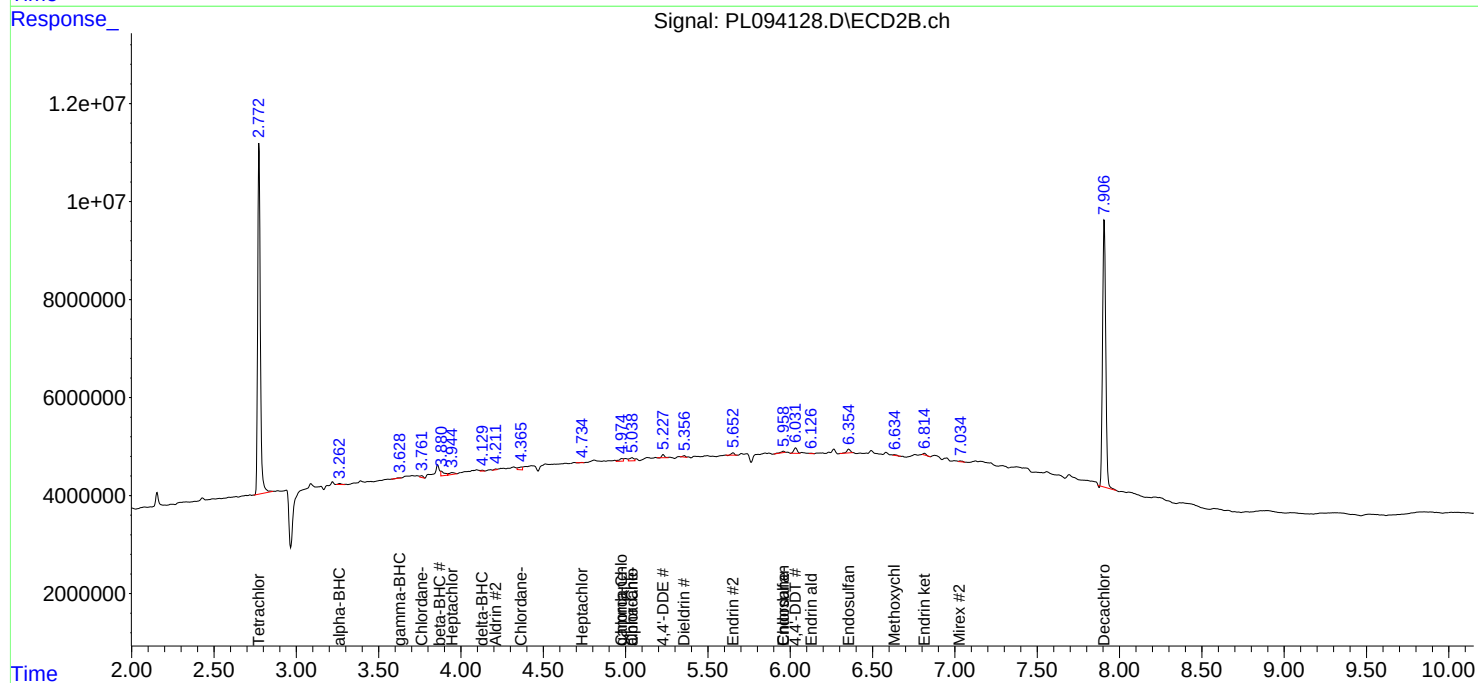
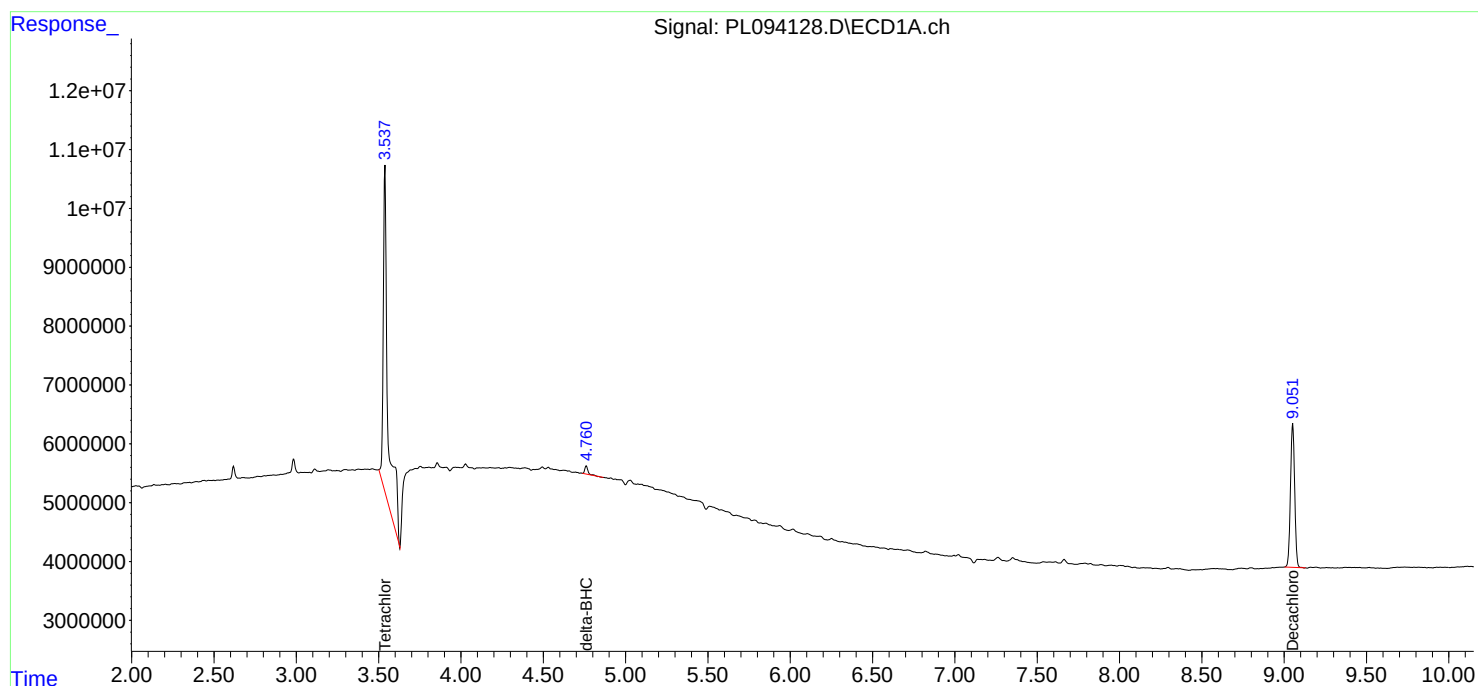
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

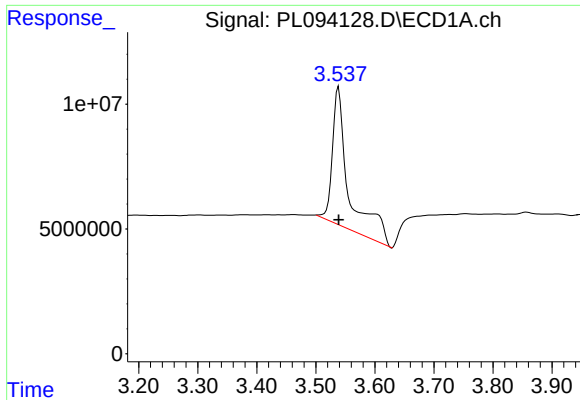
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021025\  
Data File : PL094128.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2025 17:56  
Operator : AR\AJ  
Sample : Q1344-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 10 21:11:30 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

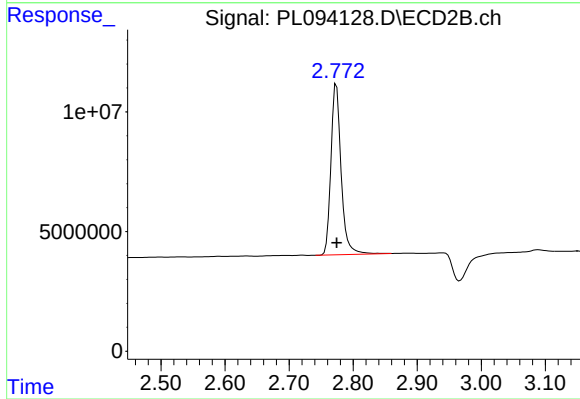




#1 Tetrachloro-m-xylene

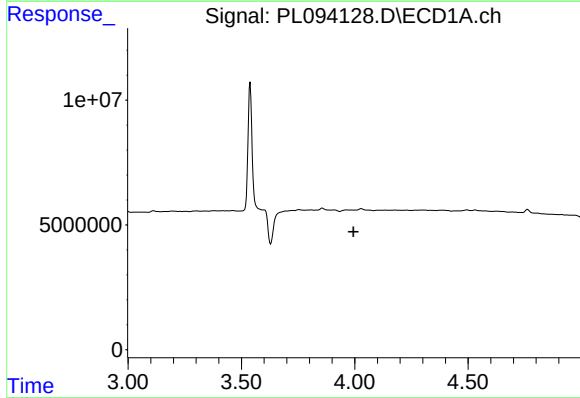
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 107145084  
Conc: 39.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



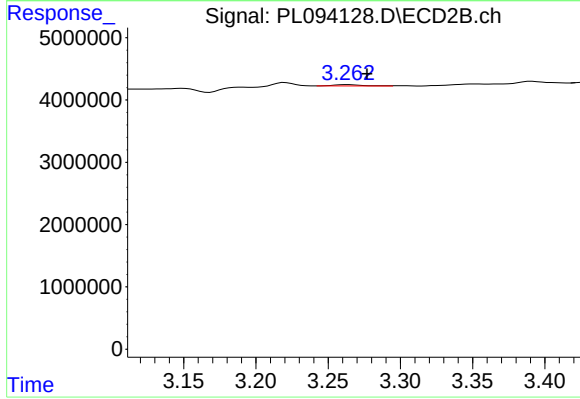
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 79158229  
Conc: 24.25 ng/ml



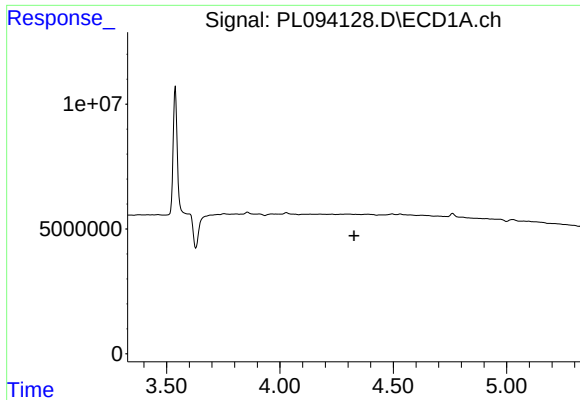
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.995 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

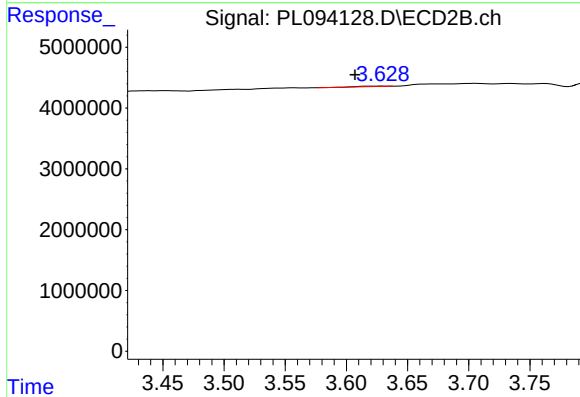
R.T.: 3.263 min  
Delta R.T.: -0.014 min  
Response: 276917  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

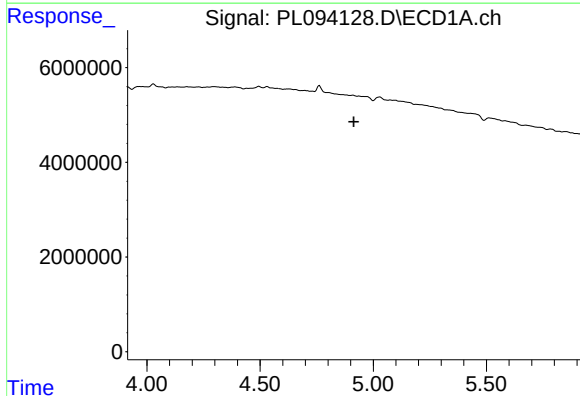
R.T.: 0.000 min  
Exp R.T.: 4.327 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



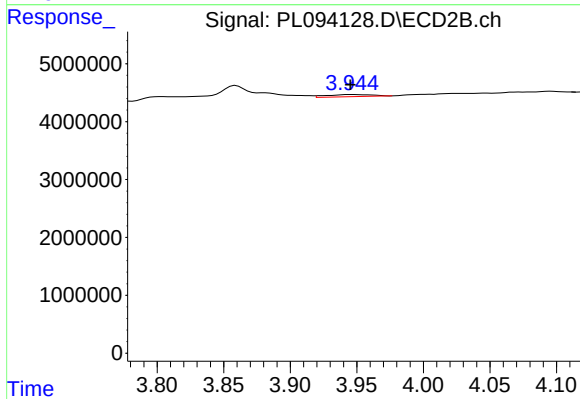
#3 gamma-BHC (Lindane)

R.T.: 3.629 min  
Delta R.T.: 0.022 min  
Response: 92105  
Conc: 0.02 ng/ml



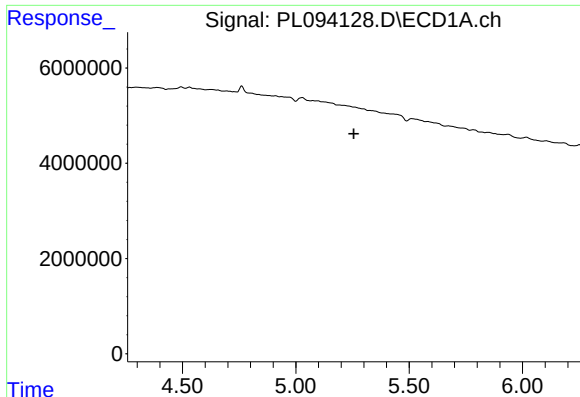
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.914 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

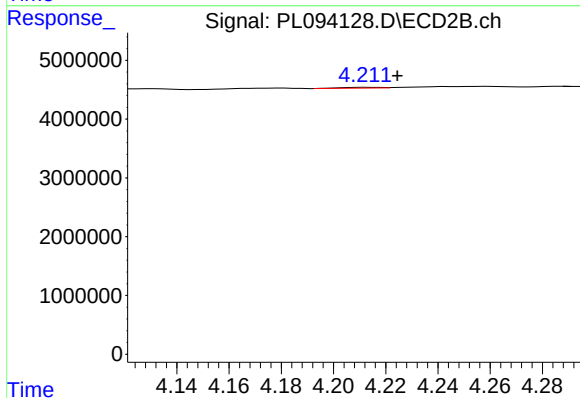
R.T.: 3.946 min  
Delta R.T.: 0.000 min  
Response: 884772  
Conc: 0.19 ng/ml



#5 Aldrin

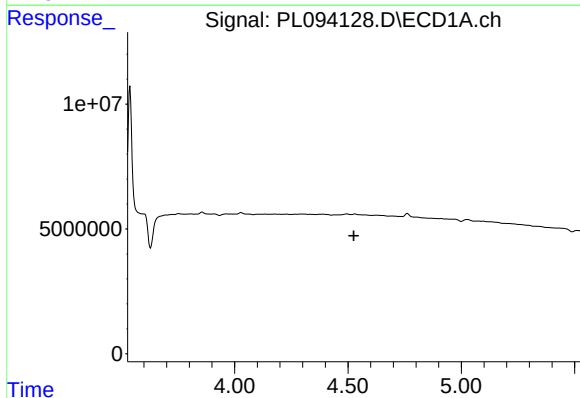
R.T.: 0.000 min  
Exp R.T.: 5.256 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



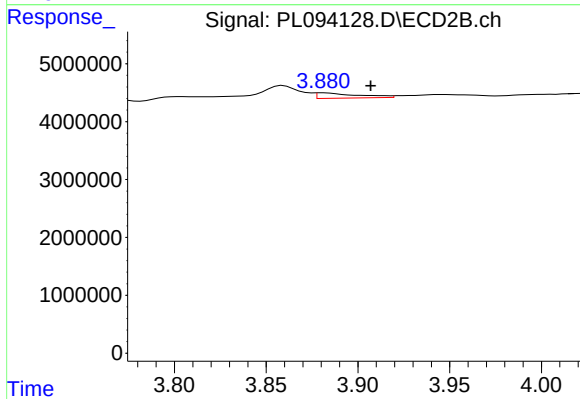
#5 Aldrin

R.T.: 4.213 min  
Delta R.T.: -0.011 min  
Response: 162839  
Conc: 0.04 ng/ml



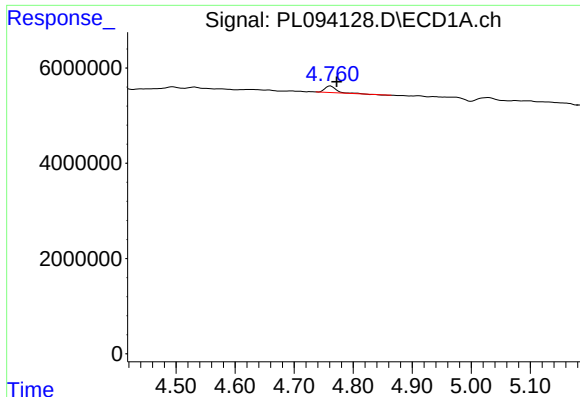
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.525 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

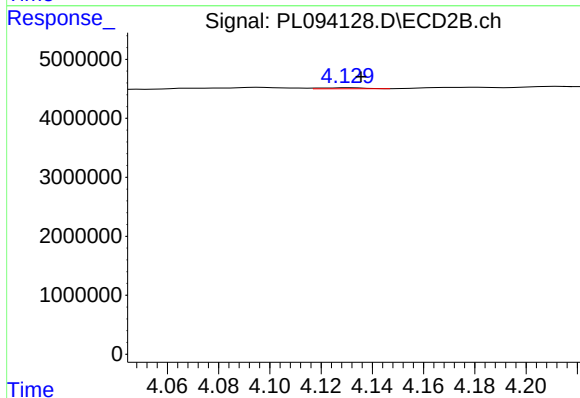
R.T.: 3.881 min  
Delta R.T.: -0.026 min  
Response: 1453279  
Conc: 0.73 ng/ml



#7 delta-BHC

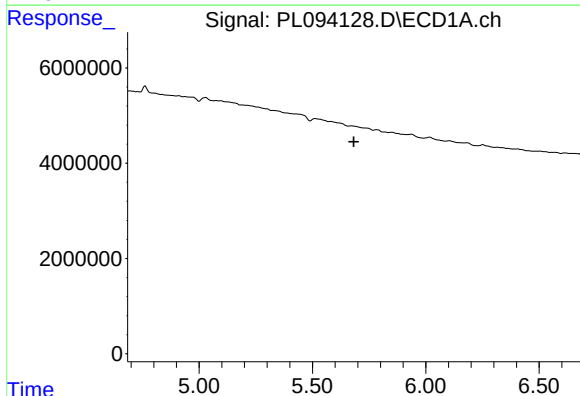
R.T.: 4.761 min  
Delta R.T.: -0.010 min  
Response: 1850278  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



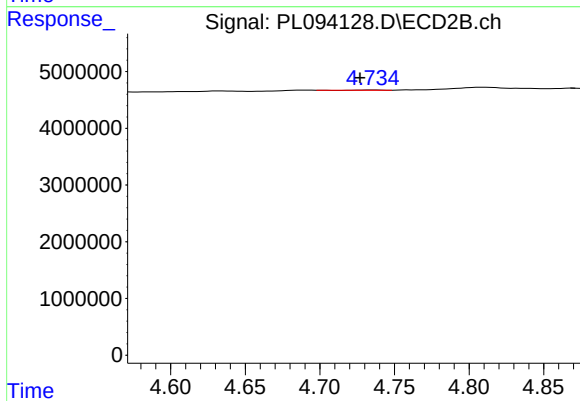
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: -0.005 min  
Response: 210834  
Conc: 0.04 ng/ml



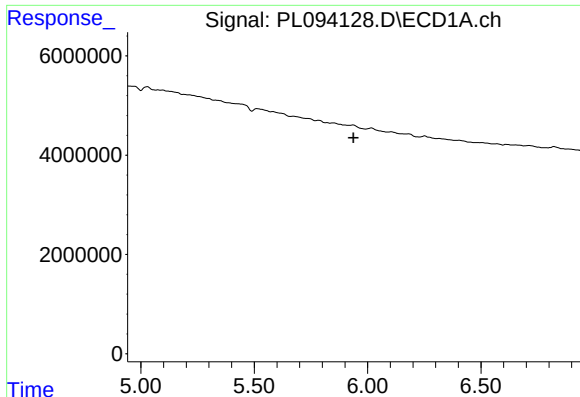
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.682 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

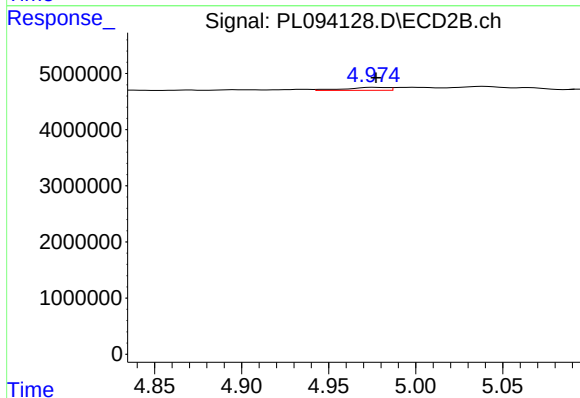
R.T.: 4.735 min  
Delta R.T.: 0.008 min  
Response: 17920  
Conc: 0.00 ng/ml



#10 gamma-Chlordane

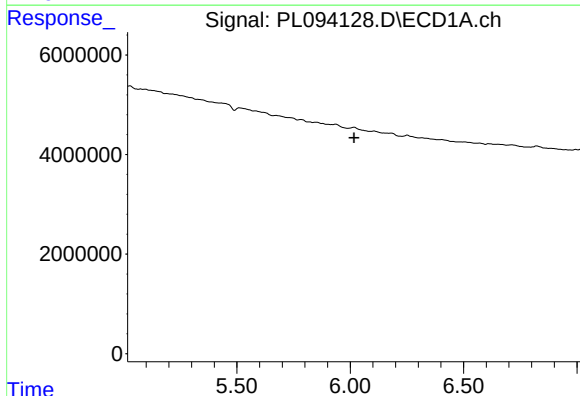
R.T.: 0.000 min  
Exp R.T.: 5.938 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



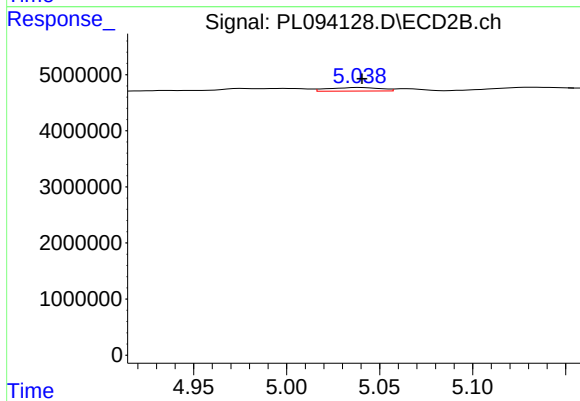
#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: -0.001 min  
Response: 917700  
Conc: 0.22 ng/ml



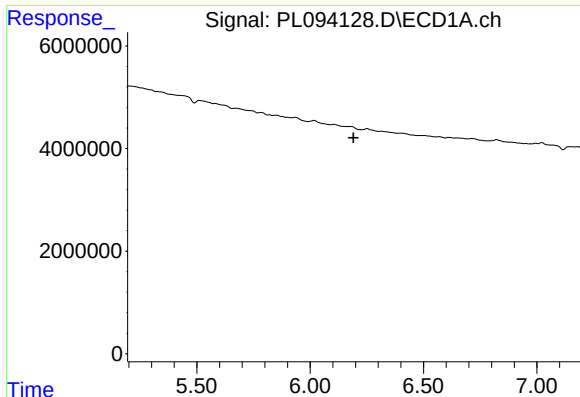
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.017 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

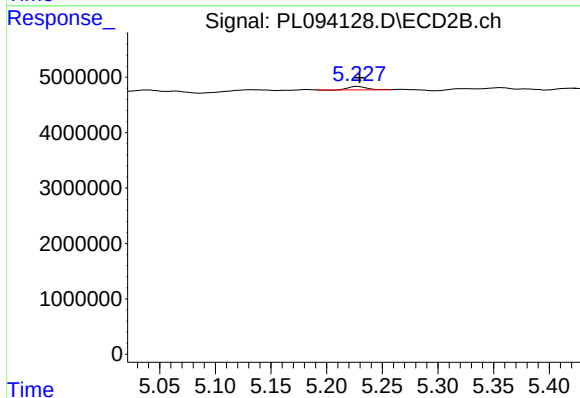
R.T.: 5.039 min  
Delta R.T.: -0.001 min  
Response: 1218115  
Conc: 0.29 ng/ml



#12 4,4'-DDE

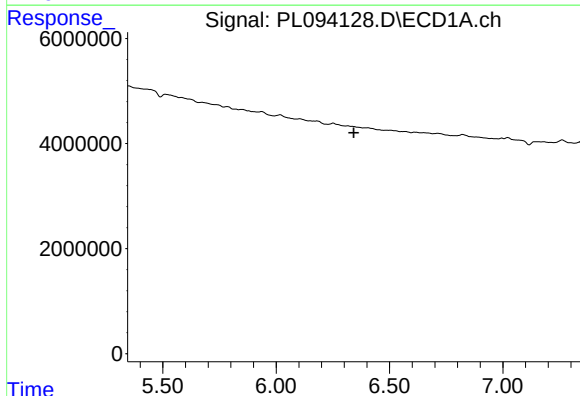
R.T.: 0.000 min  
Exp R.T.: 6.191 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



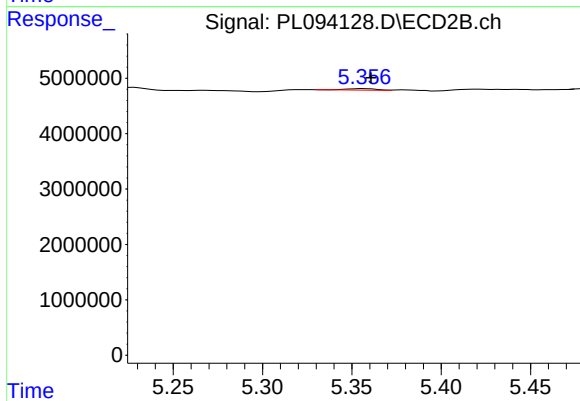
#12 4,4'-DDE

R.T.: 5.228 min  
Delta R.T.: -0.001 min  
Response: 704301  
Conc: 0.18 ng/ml



#13 Dieldrin

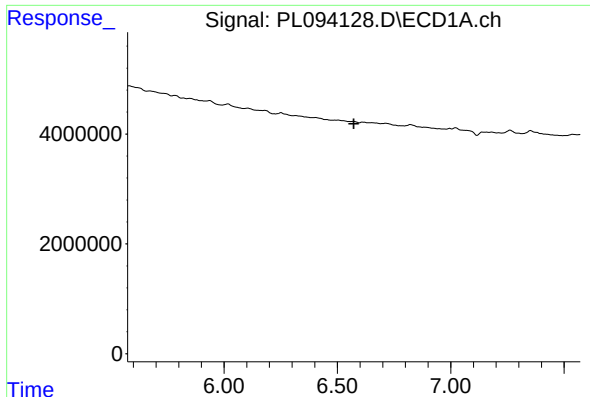
R.T.: 0.000 min  
Exp R.T.: 6.343 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.004 min  
Response: 336598  
Conc: 0.08 ng/ml

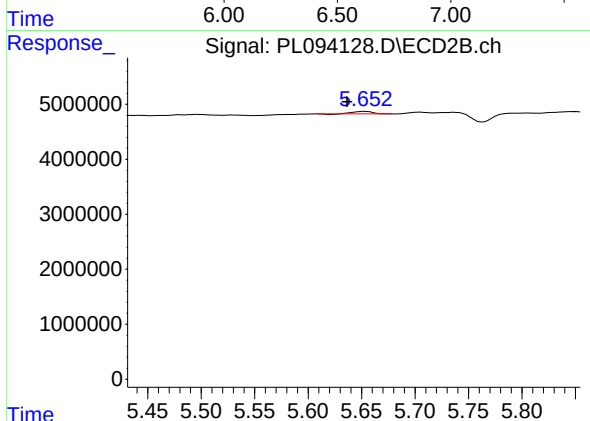




#14 Endrin

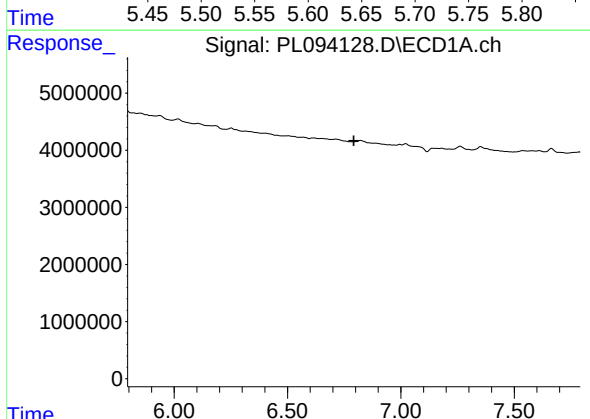
R.T.: 0.000 min  
Exp R.T.: 6.572 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



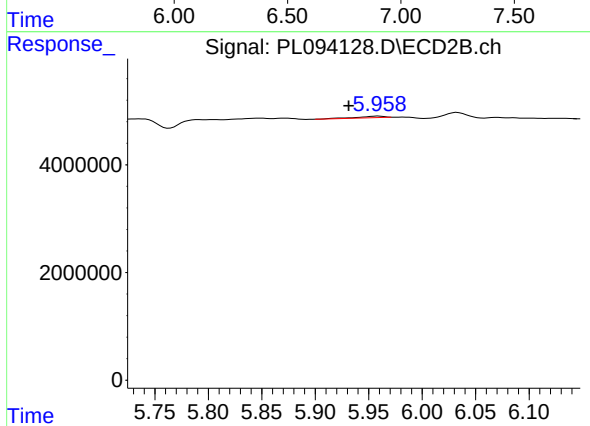
#14 Endrin

R.T.: 5.653 min  
Delta R.T.: 0.016 min  
Response: 537271  
Conc: 0.15 ng/ml



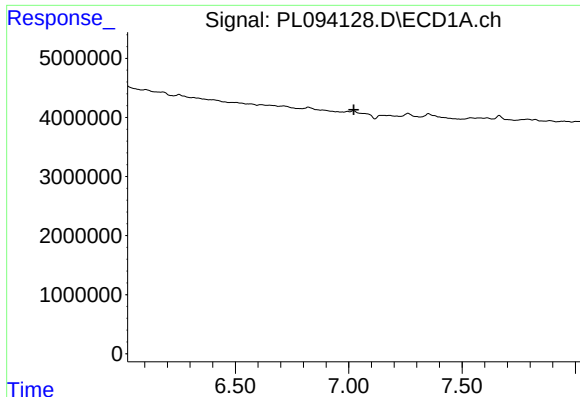
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.792 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

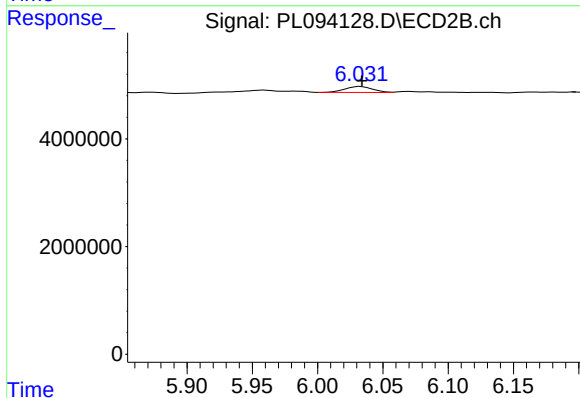
R.T.: 5.959 min  
Delta R.T.: 0.028 min  
Response: 547469  
Conc: 0.15 ng/ml



#17 4,4'-DDT

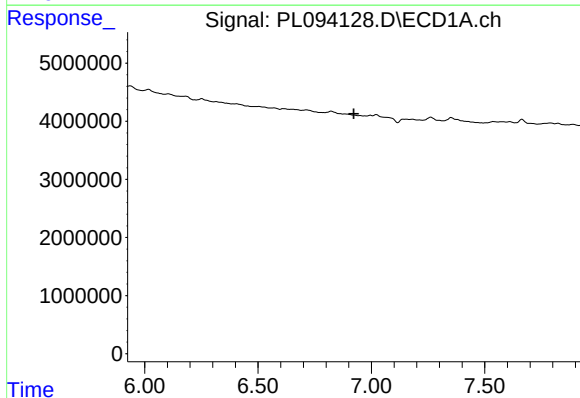
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



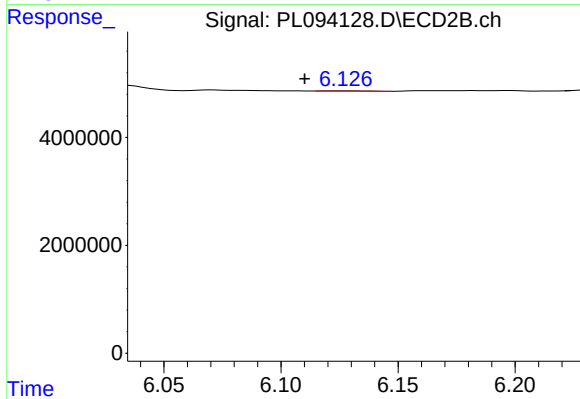
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 1652690  
Conc: 0.51 ng/ml



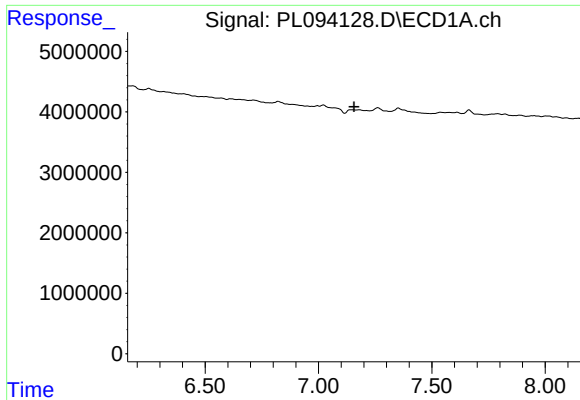
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

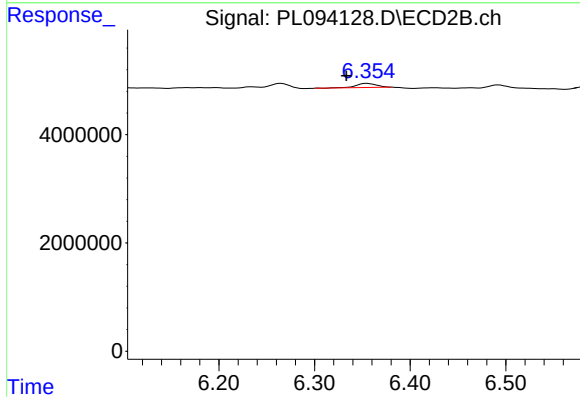
R.T.: 6.128 min  
Delta R.T.: 0.018 min  
Response: 109327  
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

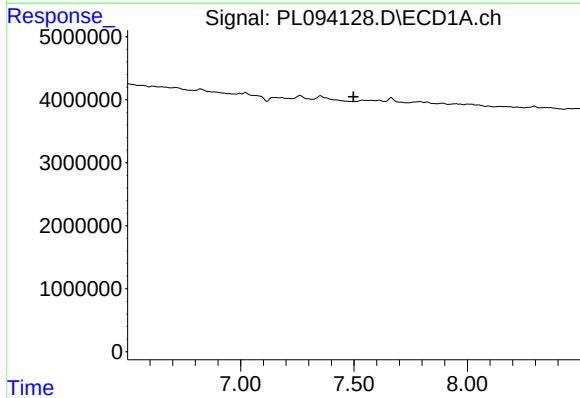
R.T.: 0.000 min  
Exp R.T. : 7.157 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



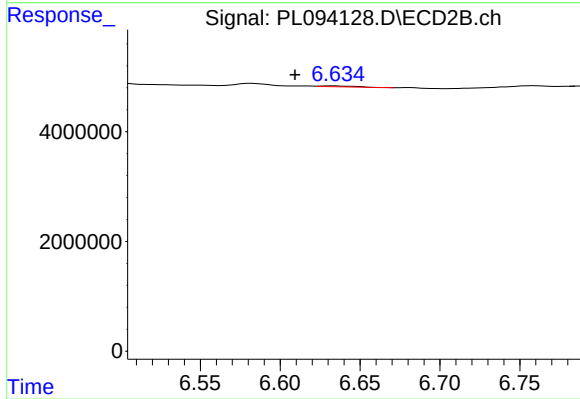
#19 Endosulfan Sulfate

R.T.: 6.355 min  
Delta R.T.: 0.022 min  
Response: 1102764  
Conc: 0.31 ng/ml



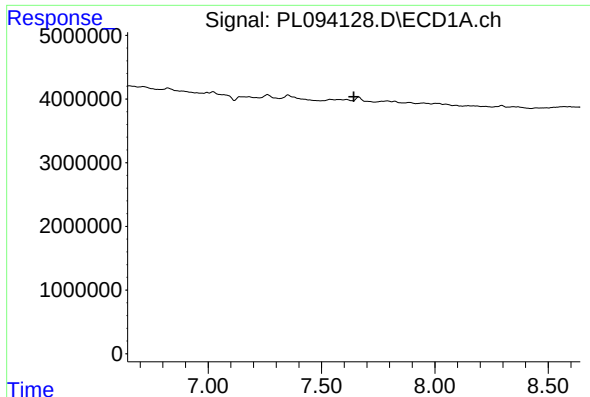
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.498 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

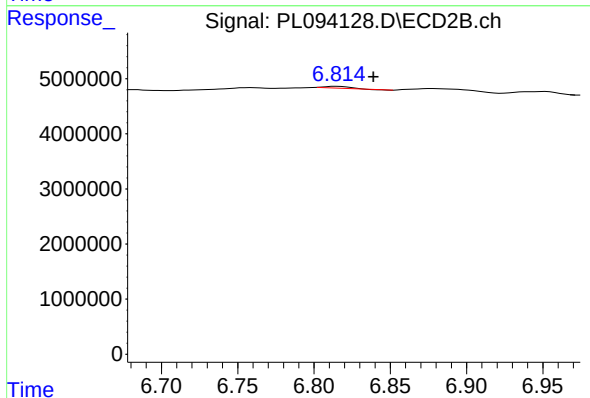
R.T.: 6.633 min  
Delta R.T.: 0.024 min  
Response: 167830  
Conc: 0.09 ng/ml



#21 Endrin ketone

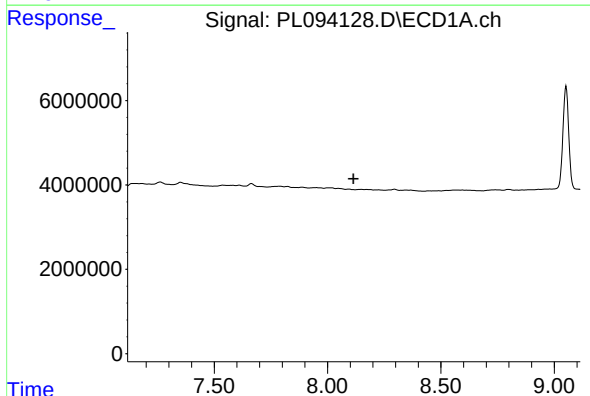
R.T.: 0.000 min  
Exp R.T.: 7.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



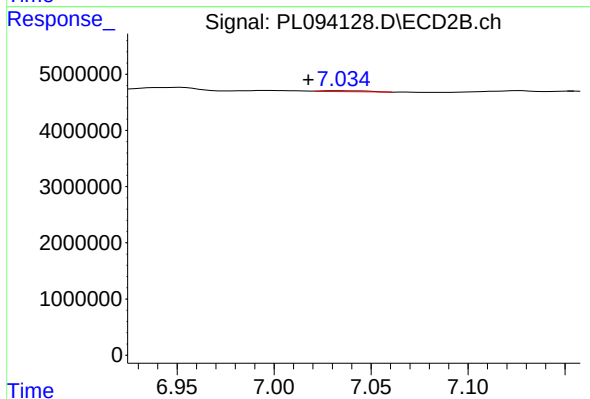
#21 Endrin ketone

R.T.: 6.815 min  
Delta R.T.: -0.024 min  
Response: 397672  
Conc: 0.09 ng/ml



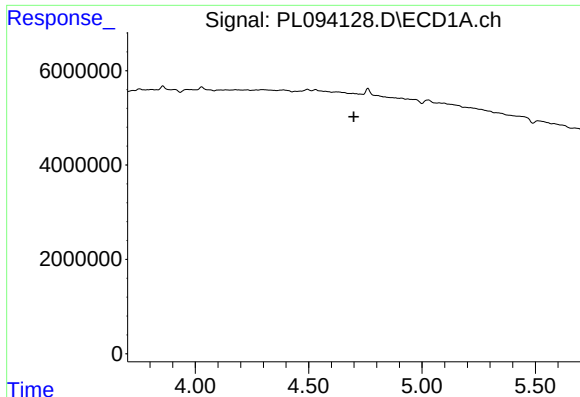
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.115 min  
Response: 0  
Conc: N.D.



#22 Mirex

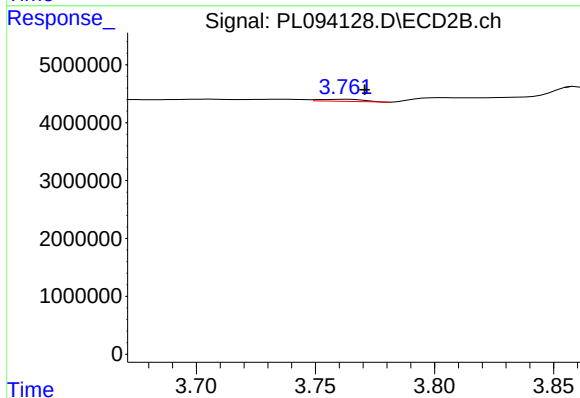
R.T.: 7.031 min  
Delta R.T.: 0.014 min  
Response: 259512  
Conc: 0.08 ng/ml



#23 Chlordane-1

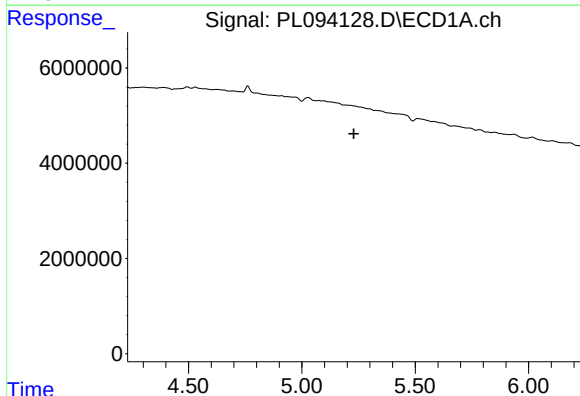
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



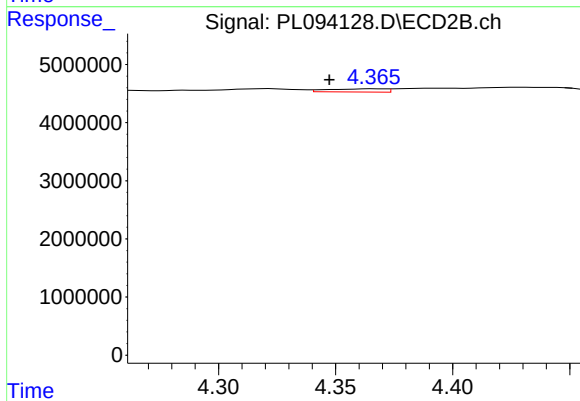
#23 Chlordane-1

R.T.: 3.763 min  
Delta R.T.: -0.008 min  
Response: 474502  
Conc: 3.80 ng/ml



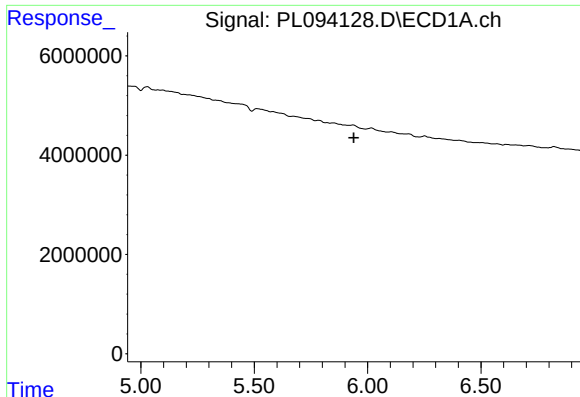
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.229 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

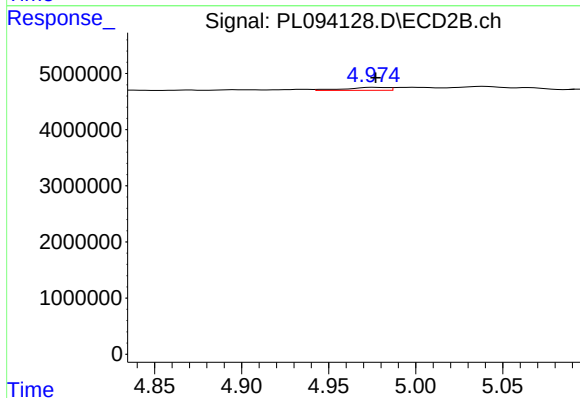
R.T.: 4.367 min  
Delta R.T.: 0.019 min  
Response: 919059  
Conc: 6.26 ng/ml



#25 Chlordane-3

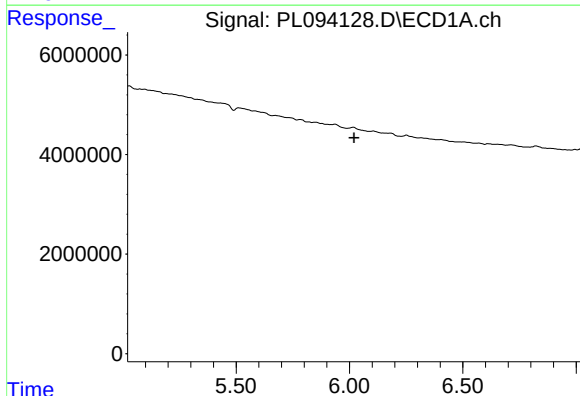
R.T.: 0.000 min  
Exp R.T.: 5.939 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



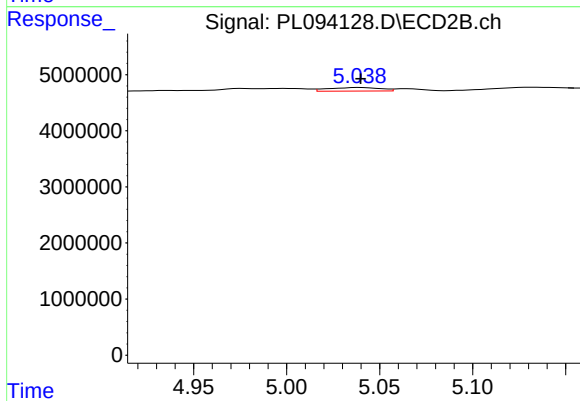
#25 Chlordane-3

R.T.: 4.976 min  
Delta R.T.: -0.001 min  
Response: 917700  
Conc: 2.11 ng/ml



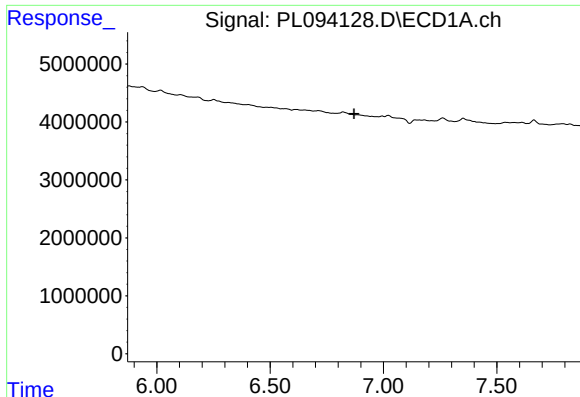
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.021 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

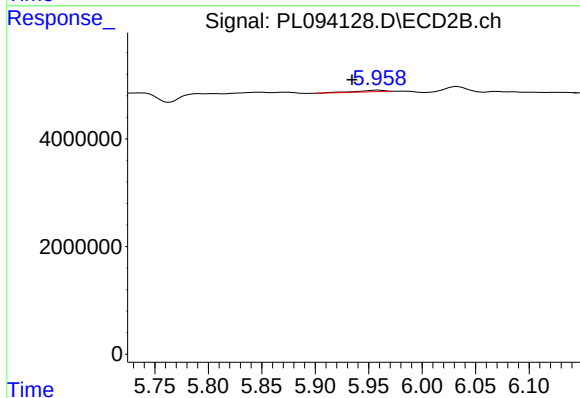
R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 1218115  
Conc: 2.88 ng/ml



#27 Chlordane-5

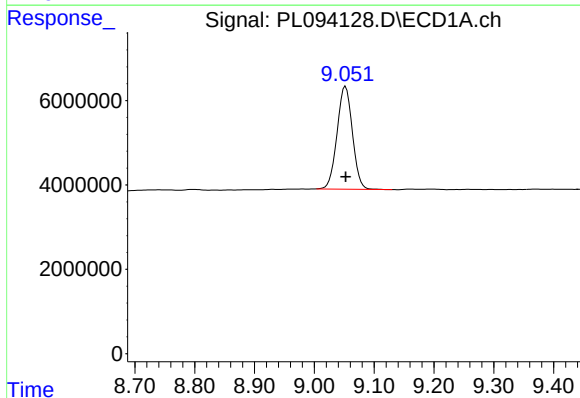
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1



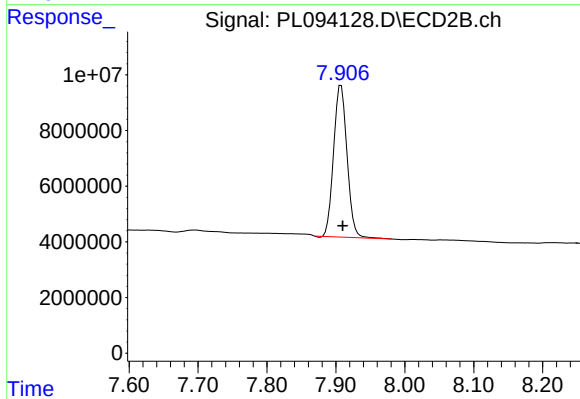
#27 Chlordane-5

R.T.: 5.959 min  
Delta R.T.: 0.024 min  
Response: 547469  
Conc: 3.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.000 min  
Response: 43505966  
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: -0.002 min  
Response: 73681686  
Conc: 21.03 ng/ml