

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120624\  
 Data File : PD087067.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2024 17:15  
 Operator : AR\AJ  
 Sample : P5117-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TAPIAL2-IDW-SOIL-120424-00-T2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 22:24:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 15:47:26 2024  
 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 x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2  | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|---------|--------|---------|
| -----                       |                 |        |        |          |         |        |         |
| System Monitoring Compounds |                 |        |        |          |         |        |         |
| 1)                          | SA Tetrachlo... | 3.557  | 2.884  | 38510283 | 226.3E6 | 19.257 | 19.766  |
| 2)                          | SA Decachlor... | 9.087  | 8.086  | 61420780 | 267.3E6 | 19.309 | 19.185  |
| Target Compounds            |                 |        |        |          |         |        |         |
| 2)                          | A alpha-BHC     | 4.005  | 3.400  | -711     | 5487279 | N.D.   | 0.311   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.734  | 0        | 1416258 | N.D.   | 0.084 # |
| 5)                          | MB Aldrin       | 0.000  | 4.374  | 0        | 2782525 | N.D.   | 0.166 # |
| 6)                          | B beta-BHC      | 4.522  | 0.000  | 238631   | 0       | 0.151  | N.D. #  |
| 7)                          | B delta-BHC     | 4.786f | 4.253  | 9871239  | 212598  | 2.422  | 0.013 # |
| 8)                          | B Heptachlo...  | 5.710  | 4.873  | 443261   | 1267824 | 0.123  | 0.083 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.287f | 0        | 278075  | N.D.   | 0.020 # |
| 10)                         | B gamma-Chl...  | 0.000  | 5.132  | 0        | 143742  | N.D.   | 0.009 # |
| 11)                         | B alpha-Chl...  | 6.035  | 5.176f | 162735   | 1722753 | 0.046  | 0.113 # |
| 13)                         | MA Dieldrin     | 6.360  | 0.000  | 295133   | 0       | 0.082  | N.D. #  |
| 14)                         | MA Endrin       | 0.000  | 5.787  | 0        | 85762   | N.D.   | 0.006 # |
| 15)                         | B Endosulfa...  | 0.000  | 6.113f | 0        | 1327751 | N.D.   | 0.096 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.935  | 0        | 118708  | N.D.   | 0.009 # |
| 17)                         | MA 4,4'-DDT     | 7.037  | 0.000  | 129669   | 0       | 0.046  | N.D. #  |
| 18)                         | B Endrin al...  | 0.000  | 6.274  | 0        | 467679  | N.D.   | 0.042 # |
| 19)                         | B Endosulfa...  | 7.178f | 6.477f | 125492   | 1869655 | 0.043  | 0.138 # |
| 20)                         | A Methoxychlor  | 7.491  | 6.766  | 8488     | 256853  | 0.005  | 0.036 # |
| 21)                         | B Endrin ke...  | 7.671f | 7.005  | 84775    | 95676   | 0.026  | 0.006 # |
| 22)                         | Mirex           | 0.000  | 7.202  | 0        | 202523  | N.D.   | 0.016 # |
| 23)                         | Chlordane-1     | 0.000  | 3.906  | 0        | 2212441 | N.D.   | 4.251 # |
| 24)                         | Chlordane-2     | 5.230f | 4.508  | 494130   | 186951  | 3.473  | 0.336 # |
| 25)                         | Chlordane-3     | 0.000  | 5.132  | 0        | 143742  | N.D.   | 0.087 # |
| 26)                         | Chlordane-4     | 6.035  | 5.176f | 162735   | 1722753 | 0.247  | 1.229 # |
| 27)                         | Chlordane-5     | 6.872  | 6.113  | 1614604  | 1327751 | 13.766 | 2.072 # |
| -----                       |                 |        |        |          |         |        |         |

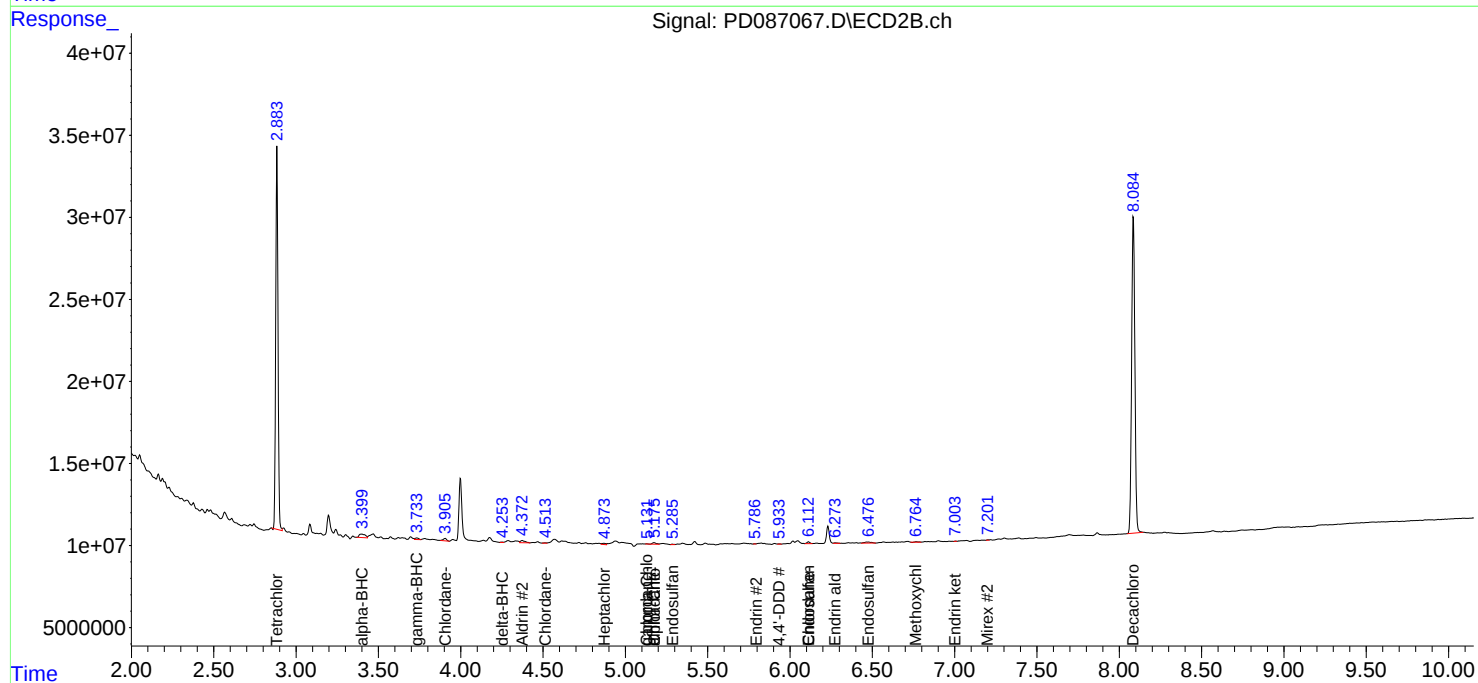
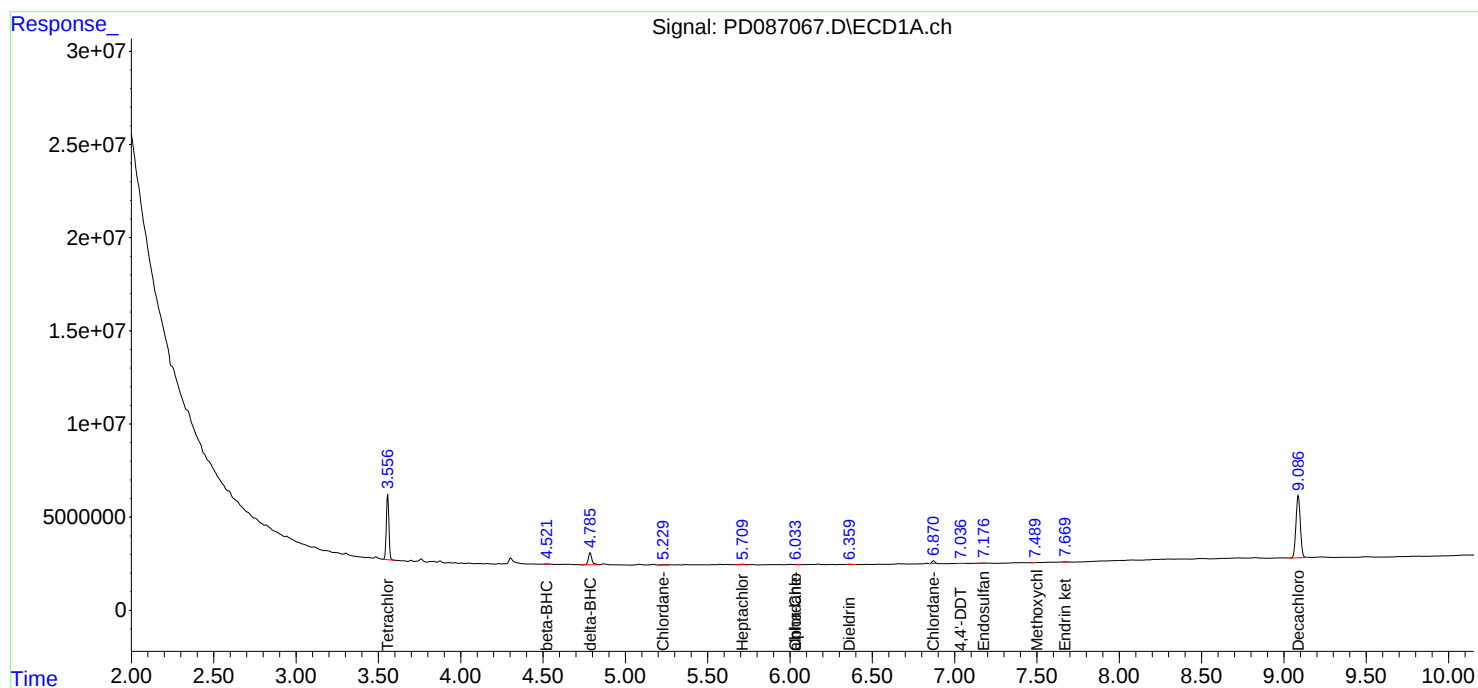
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

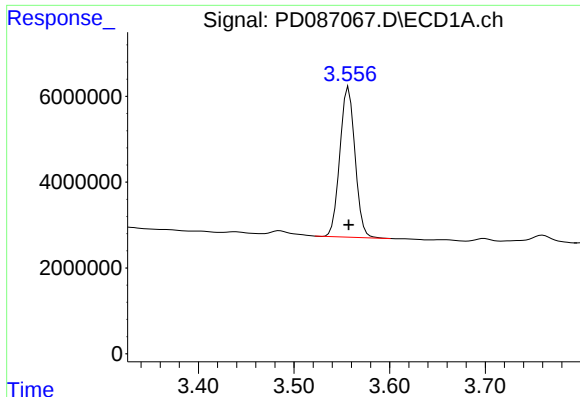
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120624\  
Data File : PD087067.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2024 17:15  
Operator : AR\AJ  
Sample : P5117-02  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 22:24:50 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 15:47:26 2024  
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 x 0.25µm

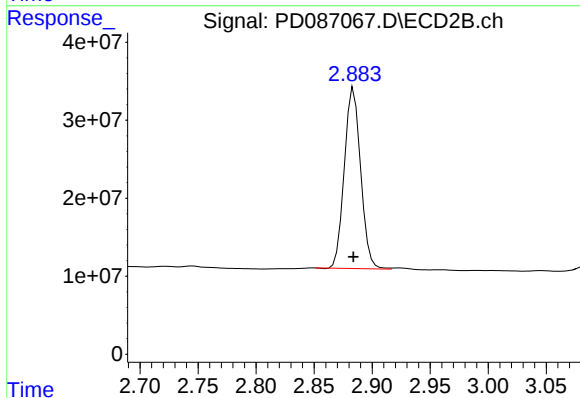




#1 Tetrachloro-m-xylene

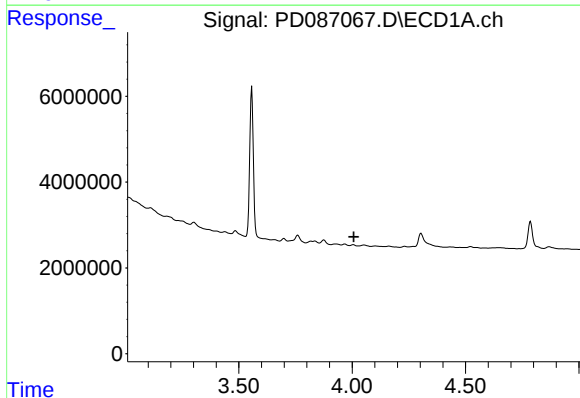
R.T.: 3.557 min  
Delta R.T.: 0.000 min  
Response: 38510283  
Conc: 19.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



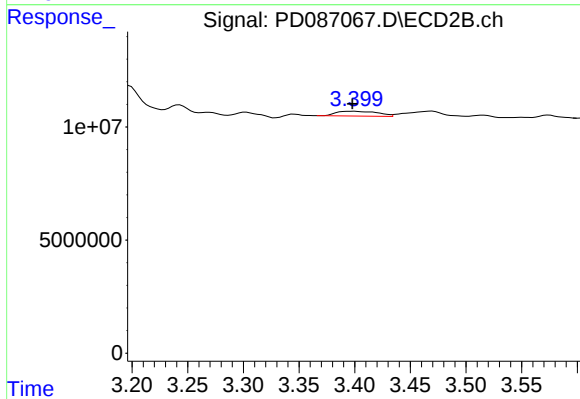
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 226254314  
Conc: 19.77 ng/ml



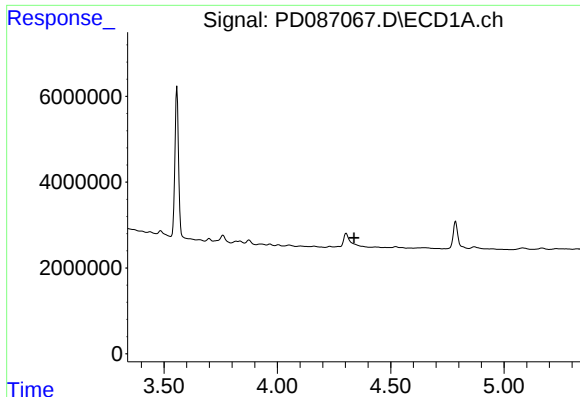
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: -0.002 min  
Response: -711  
Conc: N.D.



#2 alpha-BHC

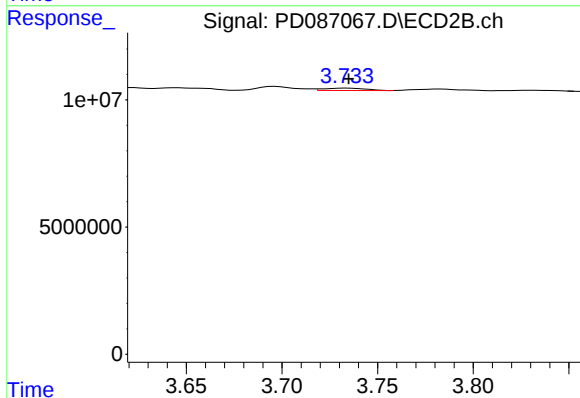
R.T.: 3.400 min  
Delta R.T.: 0.002 min  
Response: 5487279  
Conc: 0.31 ng/ml



#3 gamma-BHC (Lindane)

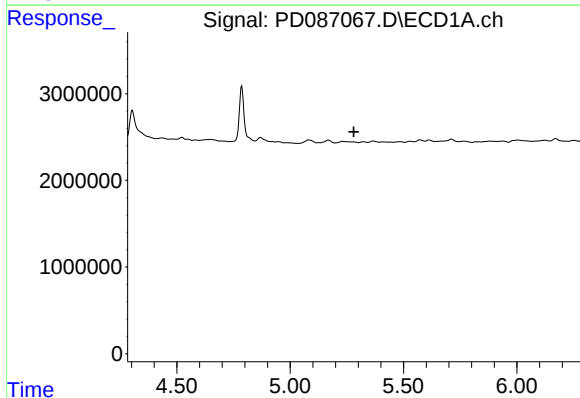
R.T.: 0.000 min  
Exp R.T.: 4.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



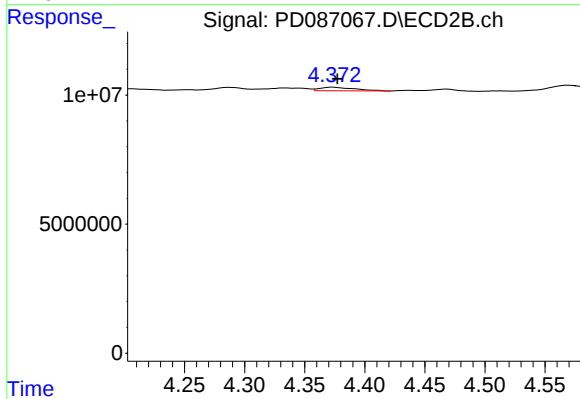
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: -0.001 min  
Response: 1416258  
Conc: 0.08 ng/ml



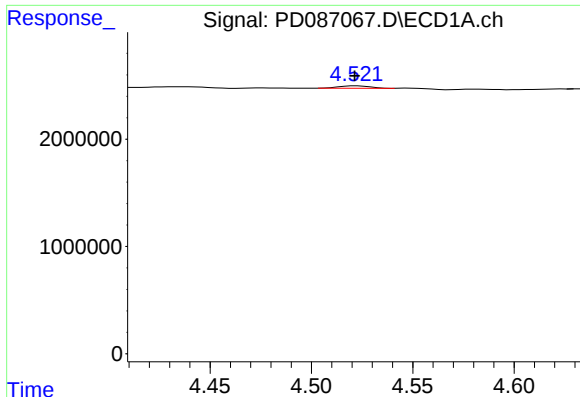
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.280 min  
Response: 0  
Conc: N.D.



#5 Aldrin

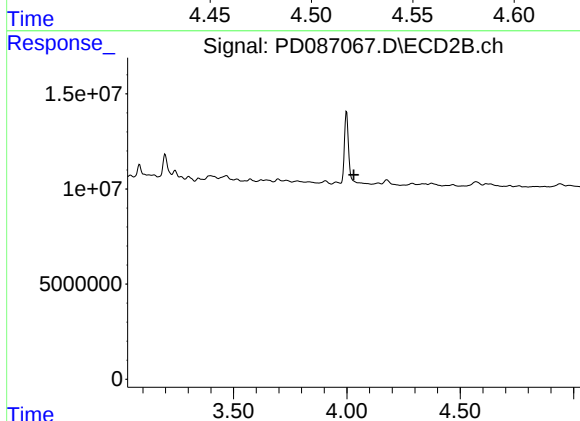
R.T.: 4.374 min  
Delta R.T.: -0.004 min  
Response: 2782525  
Conc: 0.17 ng/ml



#6 beta-BHC

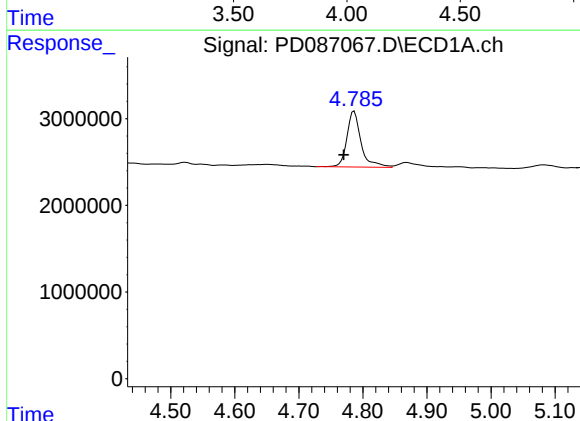
R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 238631  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



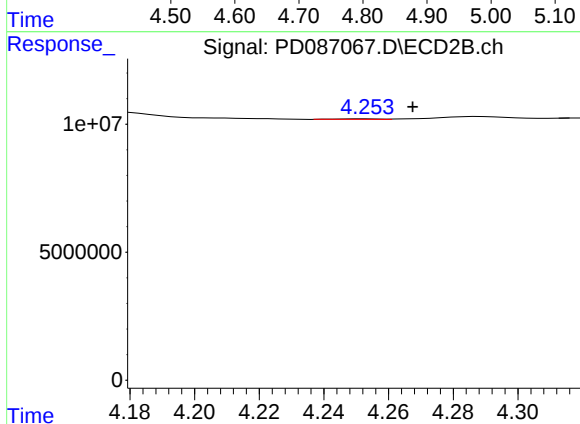
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.030 min  
Response: 0  
Conc: N.D.



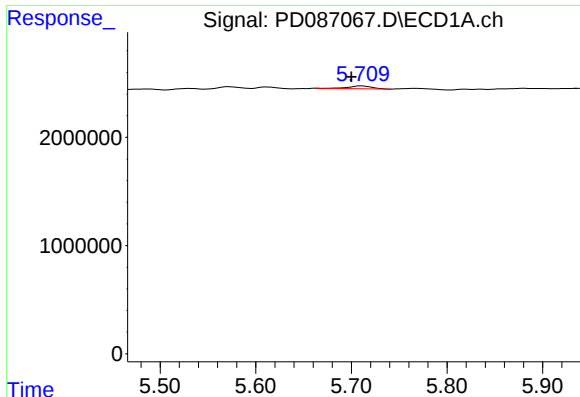
#7 delta-BHC

R.T.: 4.786 min  
Delta R.T.: 0.016 min  
Response: 9871239  
Conc: 2.42 ng/ml



#7 delta-BHC

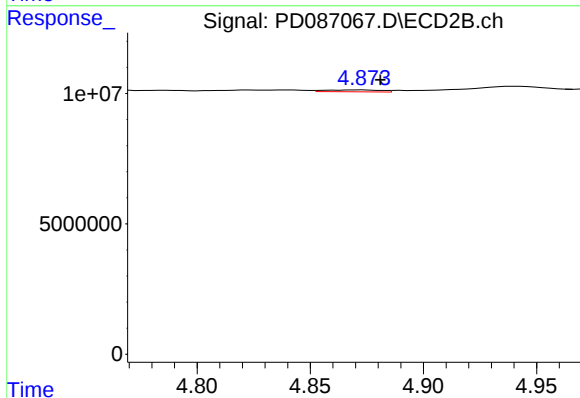
R.T.: 4.253 min  
Delta R.T.: -0.014 min  
Response: 212598  
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

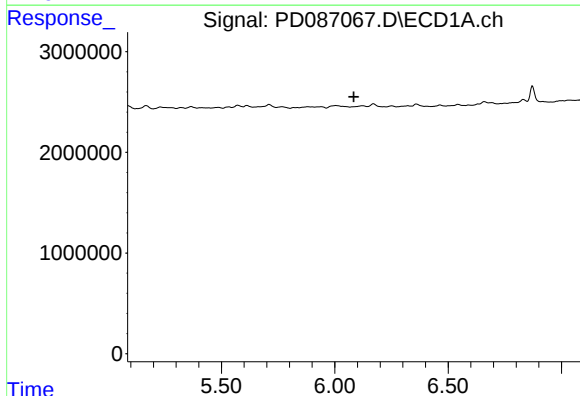
R.T.: 5.710 min  
Delta R.T.: 0.010 min  
Response: 443261  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



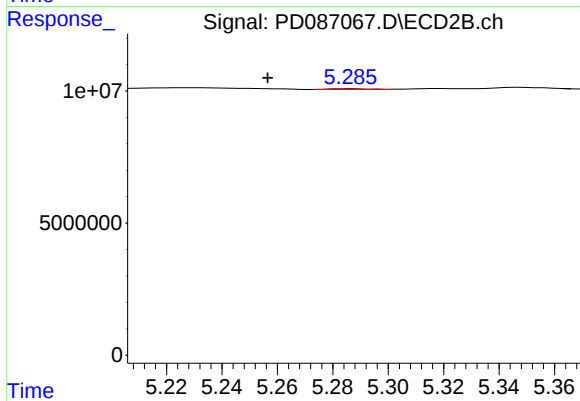
#8 Heptachlor epoxide

R.T.: 4.873 min  
Delta R.T.: -0.008 min  
Response: 1267824  
Conc: 0.08 ng/ml



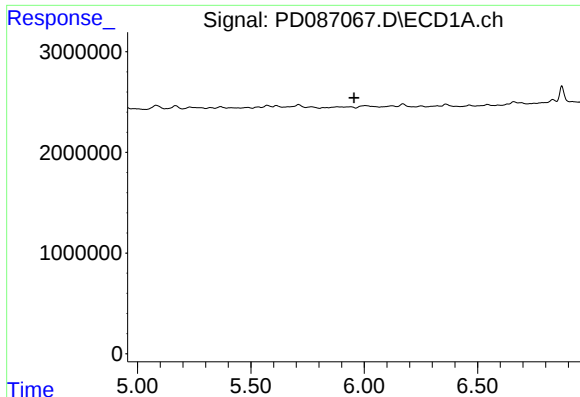
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.084 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

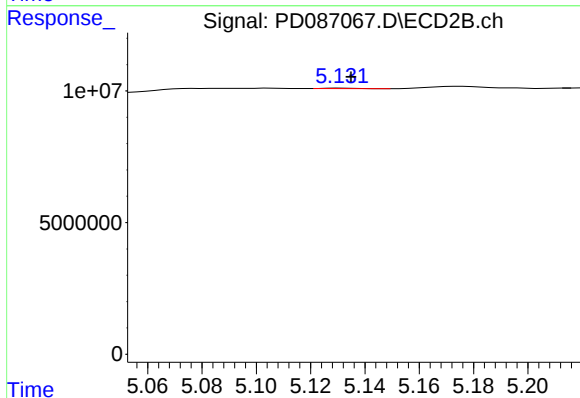
R.T.: 5.287 min  
Delta R.T.: 0.030 min  
Response: 278075  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

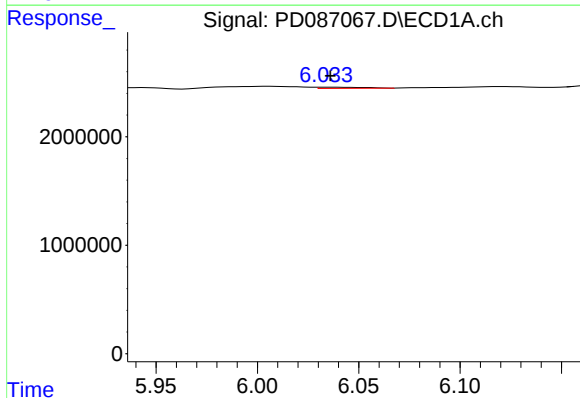
R.T.: 0.000 min  
Exp R.T.: 5.955 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



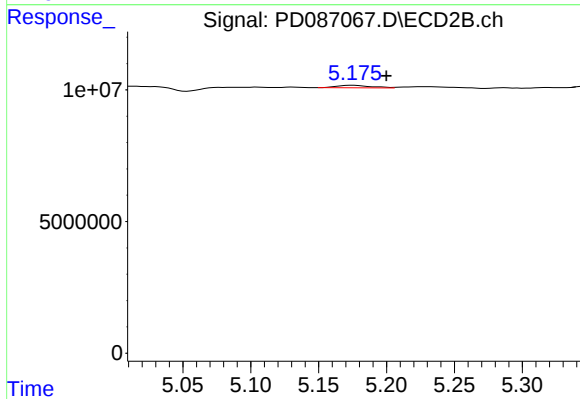
#10 gamma-Chlordane

R.T.: 5.132 min  
Delta R.T.: -0.003 min  
Response: 143742  
Conc: 0.01 ng/ml



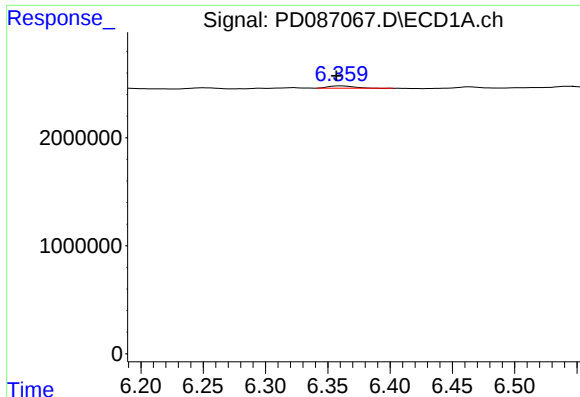
#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: -0.001 min  
Response: 162735  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

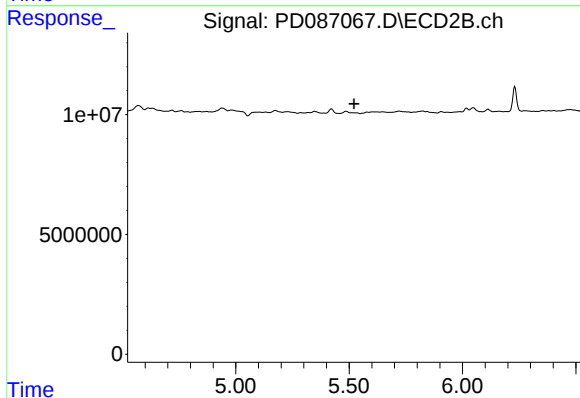
R.T.: 5.176 min  
Delta R.T.: -0.024 min  
Response: 1722753  
Conc: 0.11 ng/ml



#13 Dieldrin

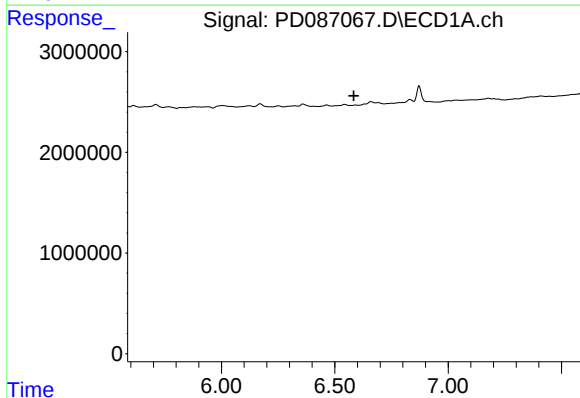
R.T.: 6.360 min  
Delta R.T.: 0.003 min  
Response: 295133  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



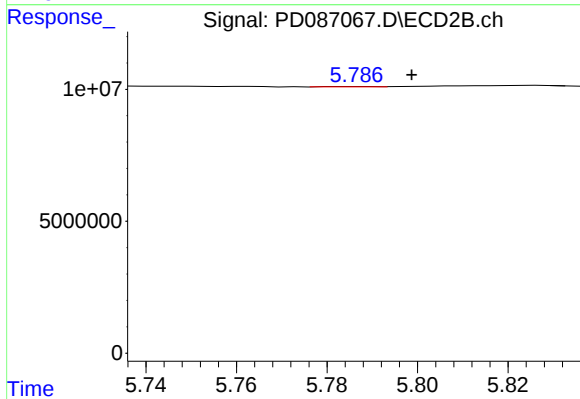
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.522 min  
Response: 0  
Conc: N.D.



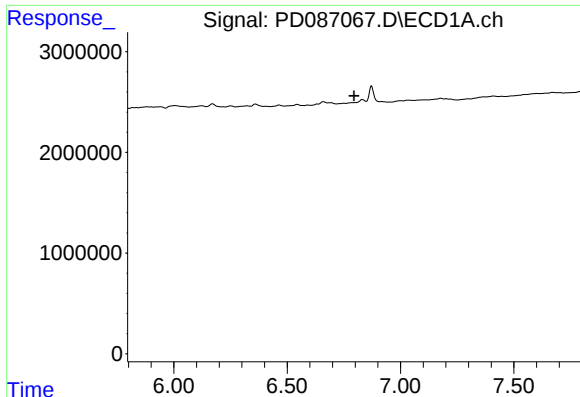
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.584 min  
Response: 0  
Conc: N.D.



#14 Endrin

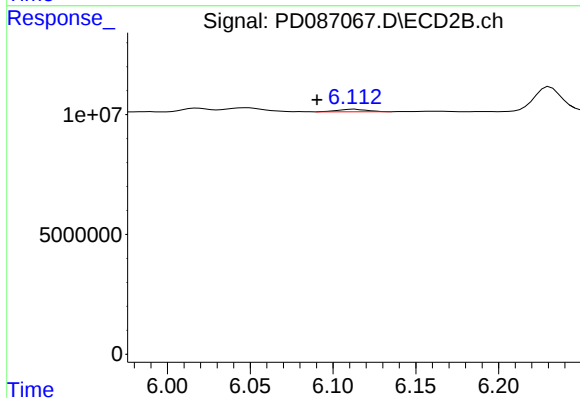
R.T.: 5.787 min  
Delta R.T.: -0.011 min  
Response: 85762  
Conc: 0.01 ng/ml



#15 Endosulfan II

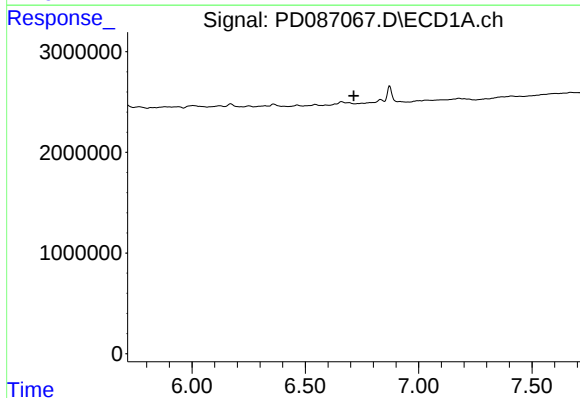
R.T.: 0.000 min  
Exp R.T.: 6.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



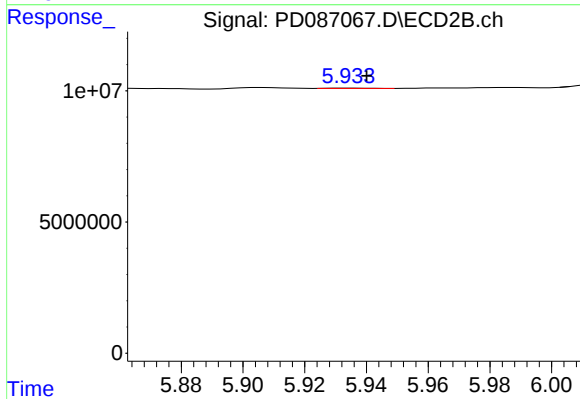
#15 Endosulfan II

R.T.: 6.113 min  
Delta R.T.: 0.022 min  
Response: 1327751  
Conc: 0.10 ng/ml



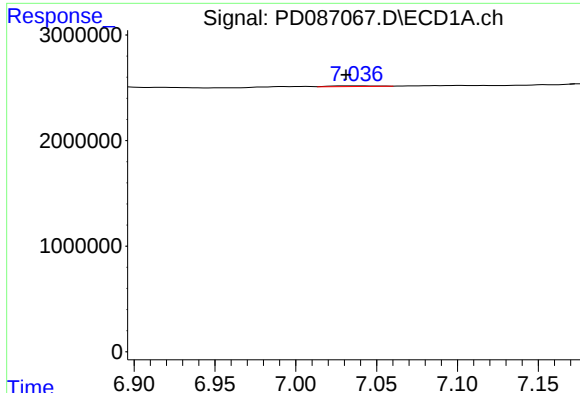
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.714 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

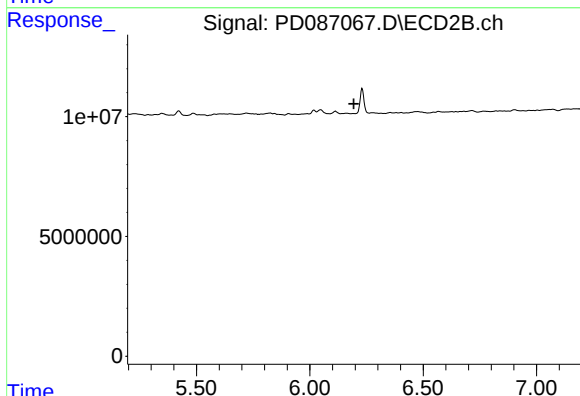
R.T.: 5.935 min  
Delta R.T.: -0.005 min  
Response: 118708  
Conc: 0.01 ng/ml



#17 4,4'-DDT

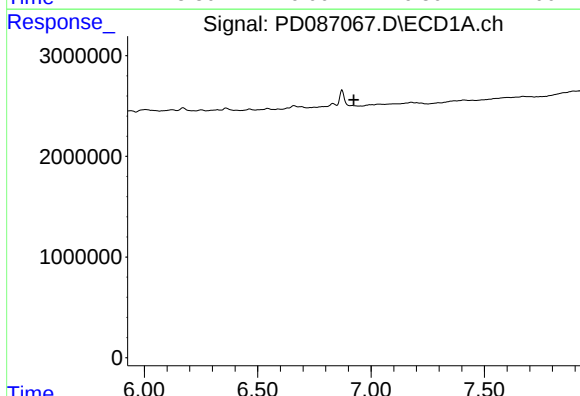
R.T.: 7.037 min  
Delta R.T.: 0.006 min  
Response: 129669  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



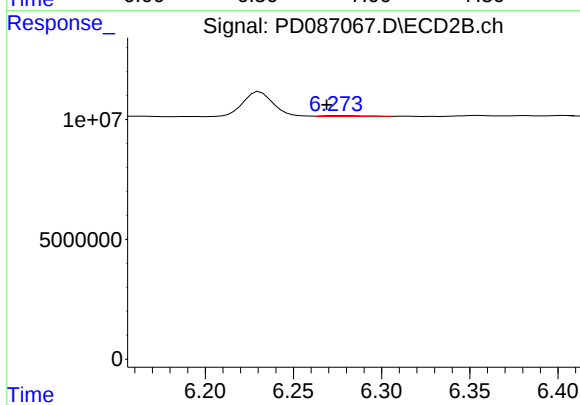
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.194 min  
Response: 0  
Conc: N.D.



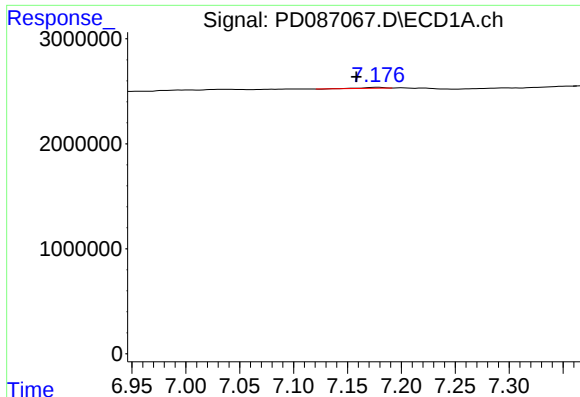
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.924 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

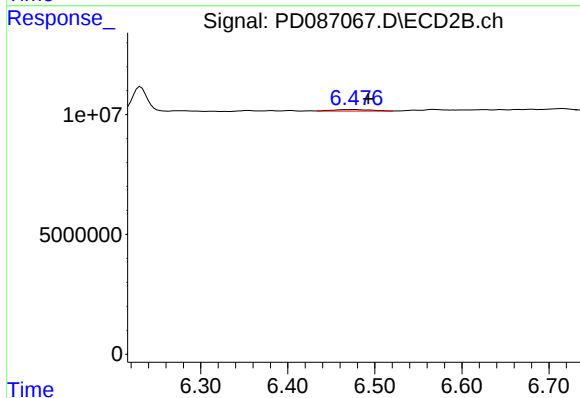
R.T.: 6.274 min  
Delta R.T.: 0.006 min  
Response: 467679  
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

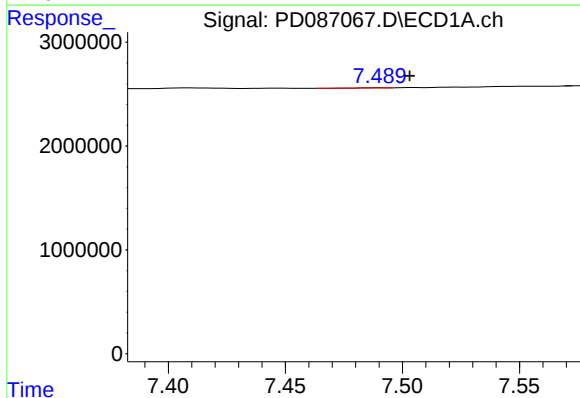
R.T.: 7.178 min  
Delta R.T.: 0.020 min  
Response: 125492  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



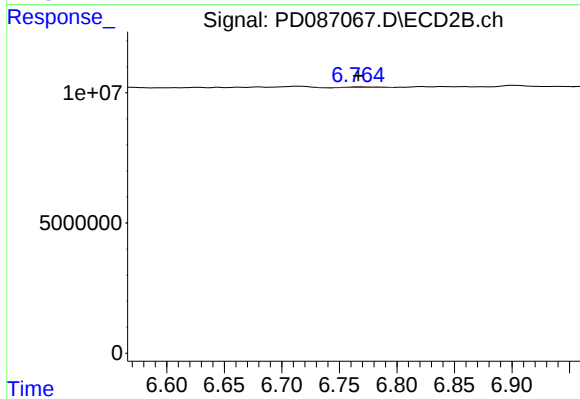
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: -0.015 min  
Response: 1869655  
Conc: 0.14 ng/ml



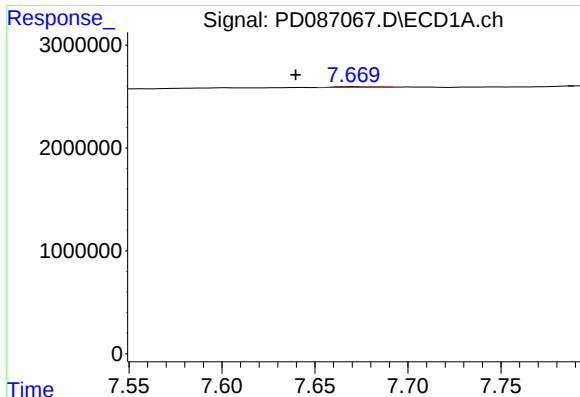
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: -0.013 min  
Response: 8488  
Conc: 0.01 ng/ml



#20 Methoxychlor

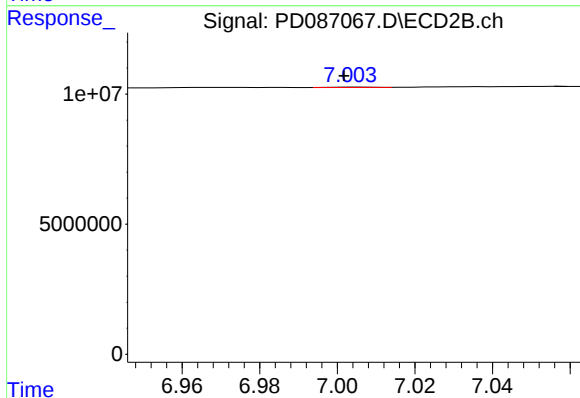
R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 256853  
Conc: 0.04 ng/ml



#21 Endrin ketone

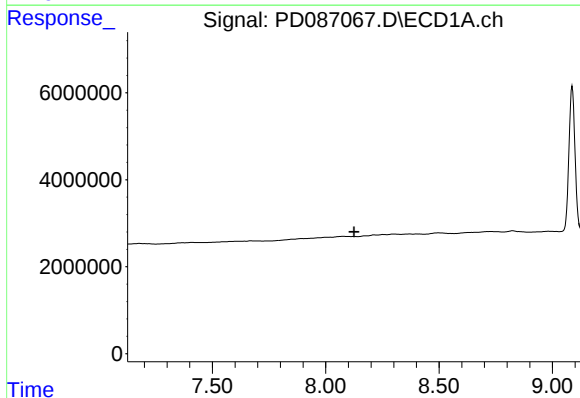
R.T.: 7.671 min  
Delta R.T.: 0.031 min  
Response: 84775  
Conc: 0.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



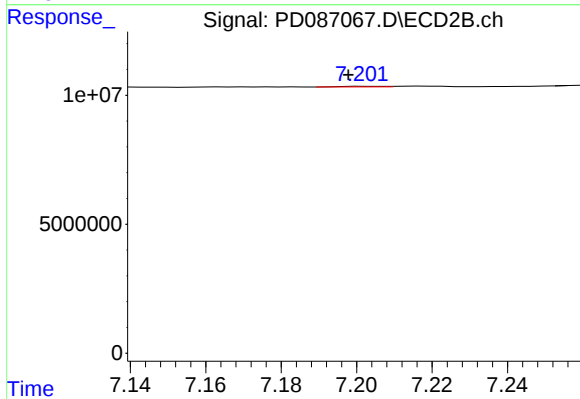
#21 Endrin ketone

R.T.: 7.005 min  
Delta R.T.: 0.003 min  
Response: 95676  
Conc: 0.01 ng/ml



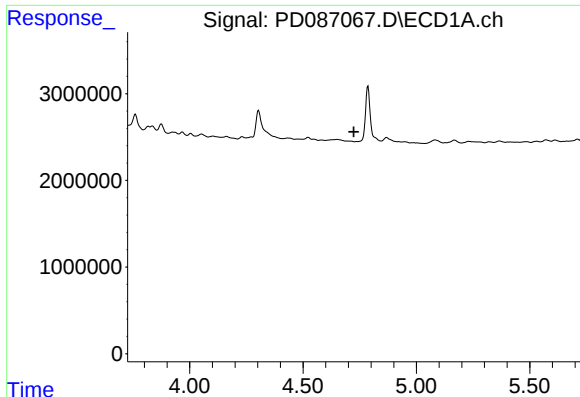
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.125 min  
Response: 0  
Conc: N.D.



#22 Mirex

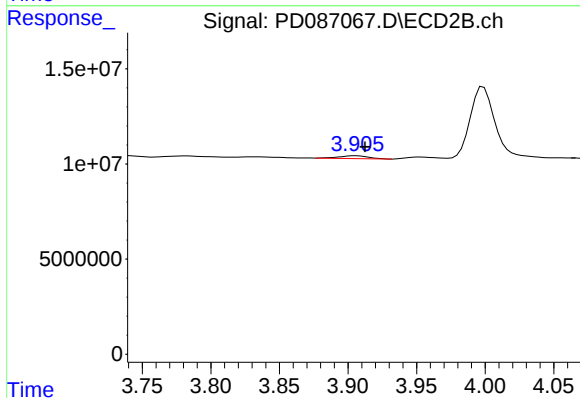
R.T.: 7.202 min  
Delta R.T.: 0.005 min  
Response: 202523  
Conc: 0.02 ng/ml



#23 Chlordane-1

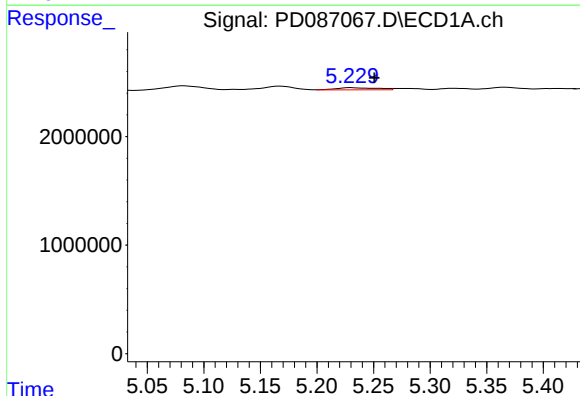
R.T.: 0.000 min  
Exp R.T.: 4.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



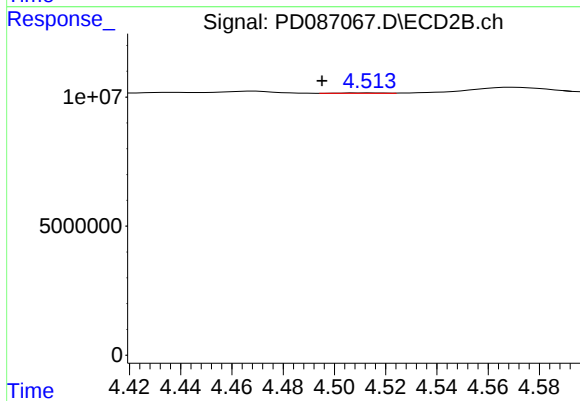
#23 Chlordane-1

R.T.: 3.906 min  
Delta R.T.: -0.006 min  
Response: 2212441  
Conc: 4.25 ng/ml



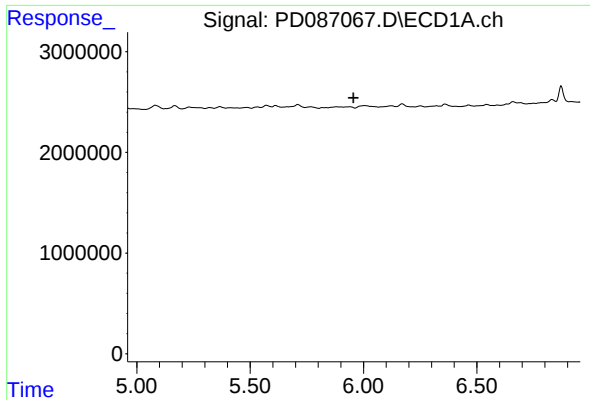
#24 Chlordane-2

R.T.: 5.230 min  
Delta R.T.: -0.021 min  
Response: 494130  
Conc: 3.47 ng/ml



#24 Chlordane-2

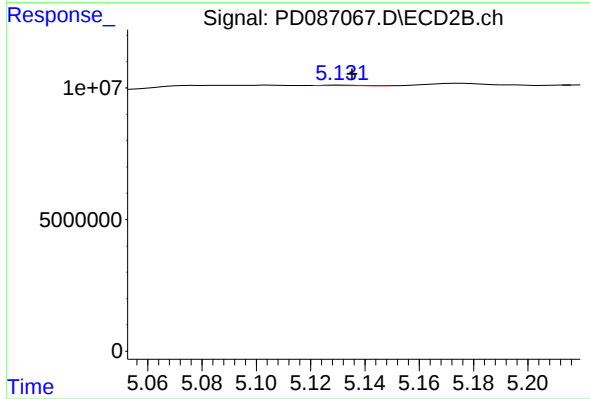
R.T.: 4.508 min  
Delta R.T.: 0.013 min  
Response: 186951  
Conc: 0.34 ng/ml



#25 Chlordane-3

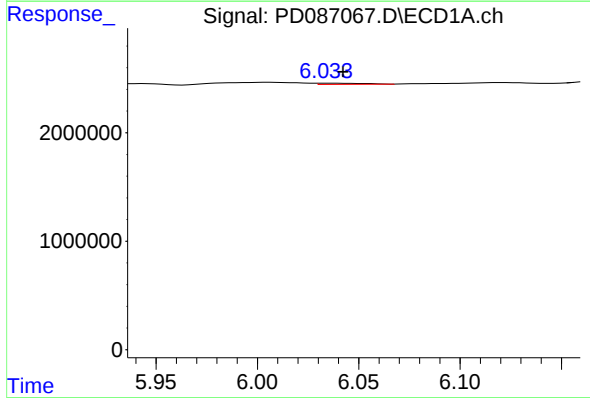
R.T.: 0.000 min  
Exp R.T.: 5.956 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



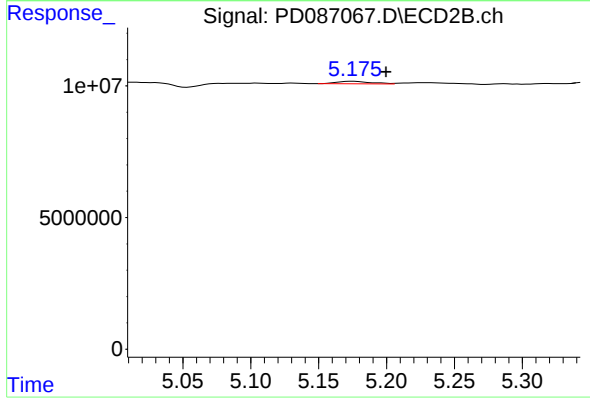
#25 Chlordane-3

R.T.: 5.132 min  
Delta R.T.: -0.003 min  
Response: 143742  
Conc: 0.09 ng/ml



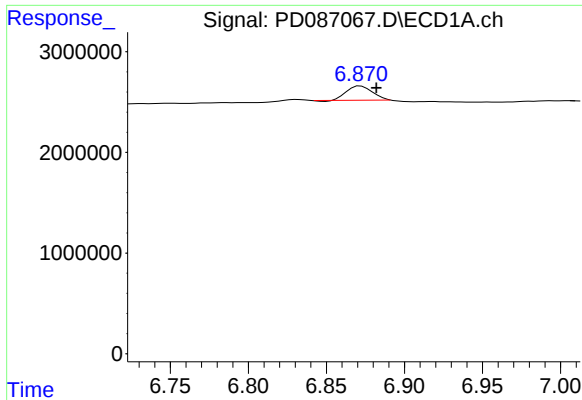
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: -0.008 min  
Response: 162735  
Conc: 0.25 ng/ml



#26 Chlordane-4

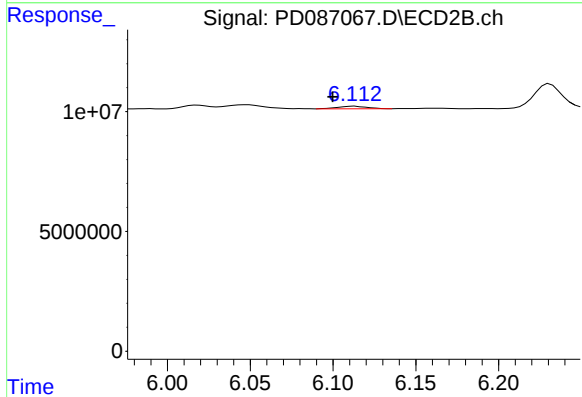
R.T.: 5.176 min  
Delta R.T.: -0.024 min  
Response: 1722753  
Conc: 1.23 ng/ml



#27 Chlordane-5

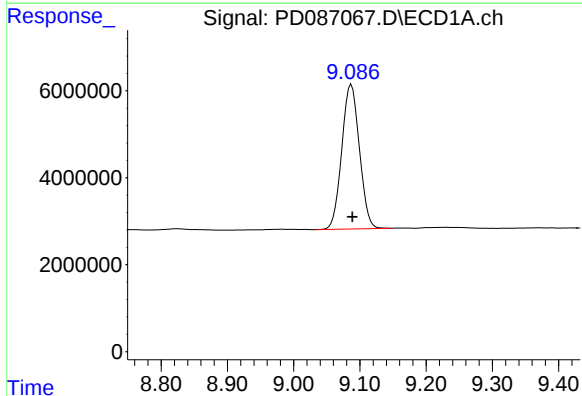
R.T.: 6.872 min  
Delta R.T.: -0.010 min  
Response: 1614604  
Conc: 13.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



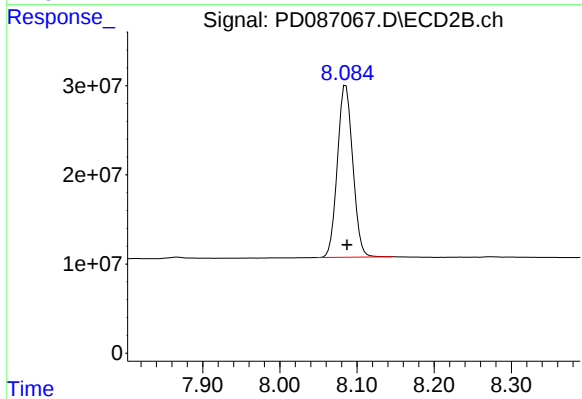
#27 Chlordane-5

R.T.: 6.113 min  
Delta R.T.: 0.013 min  
Response: 1327751  
Conc: 2.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.002 min  
Response: 61420780  
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.002 min  
Response: 267305841  
Conc: 19.19 ng/ml