

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062420\  
 Data File : PL059462.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jun 2020 15:06  
 Operator : AJ\MA  
 Sample : L3090-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 359-RO

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 24 16:56:03 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 22 14:09:48 2020  
 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... | 3.517  | 4.071  | 43079150 | 61877481 | 23.971 | 23.974   |
| 28)                         | SA Decachlor... | 8.289  | 9.184  | 37435445 | 50886545 | 21.984 | 22.225   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.967  | 4.490f | 1102497  | 2257552  | 0.427  | 0.663 #  |
| 3)                          | MA gamma-BHC... | 4.250  | 0.000  | 128083   | 0        | 0.056  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.556  | 5.262  | 2620536  | 1063523  | 1.229  | 0.328 #  |
| 5)                          | MB Aldrin       | 4.801  | 5.593f | 828227   | 3540786  | 0.465  | 1.150 #  |
| 6)                          | B beta-BHC      | 4.502  | 4.902f | 351098   | 1622343  | 0.369  | 1.193 #  |
| 7)                          | B delta-BHC     | 4.715f | 5.108f | 1313553  | 4243344  | 0.644  | 1.525 #  |
| 8)                          | B Heptachlo...  | 5.229  | 5.947  | 98826    | 3908324  | 0.066  | 1.557 #  |
| 9)                          | A Endosulfan I  | 5.604f | 6.298f | 601300   | 384632   | 0.409  | 0.142 #  |
| 10)                         | B gamma-Chl...  | 5.492f | 6.192  | 3453625  | -6406568 | 2.252  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.533  | 6.272  | 1999987  | 217904   | 1.287  | 0.074 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.426  | 0        | 1826128  | N.D.   | 0.676 #  |
| 13)                         | MA Dieldrin     | 5.819  | 6.585  | 2216757  | 168973   | 1.405  | 0.060 #  |
| 14)                         | MA Endrin       | 0.000  | 6.786  | 0        | 2476854  | N.D.   | 1.003 #  |
| 15)                         | B Endosulfa...  | 6.369  | 7.011  | 304375   | 3371882  | 0.197  | 1.330 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.923  | 0        | 2975648  | N.D.   | 1.337 #  |
| 17)                         | MA 4,4'-DDT     | 6.454  | 7.186f | 2946976  | 4882178  | 2.235  | 2.148    |
| 18)                         | B Endrin al...  | 0.000  | 7.113f | 0        | 3120928  | N.D.   | 1.423 #  |
| 19)                         | B Endosulfa...  | 6.764f | 0.000  | 463460   | 0        | 0.305  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.982  | 7.664  | 295872   | 94413    | 0.365  | 0.071 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.812  | 0        | 1594387  | N.D.   | 0.617 #  |
| 22)                         | Mirex           | 7.415  | 8.306f | 313894   | 48902    | 0.222  | 0.025 #  |
| 23)                         | Chlordane-1     | 4.421f | 5.058f | 1024949  | 5889522  | 18.011 | 58.276 # |
| 24)                         | Chlordane-2     | 4.917f | 0.000  | 152318   | 0        | 2.806  | N.D. #   |
| 25)                         | Chlordane-3     | 5.492f | 6.192  | 3453625  | -6406568 | 24.399 | N.D. #   |
| 26)                         | Chlordane-4     | 5.533  | 6.272  | 1999987  | 217904   | 16.941 | 0.459 #  |
| 27)                         | Chlordane-5     | 6.369  | 0.000  | 304375   | 0        | 5.424  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

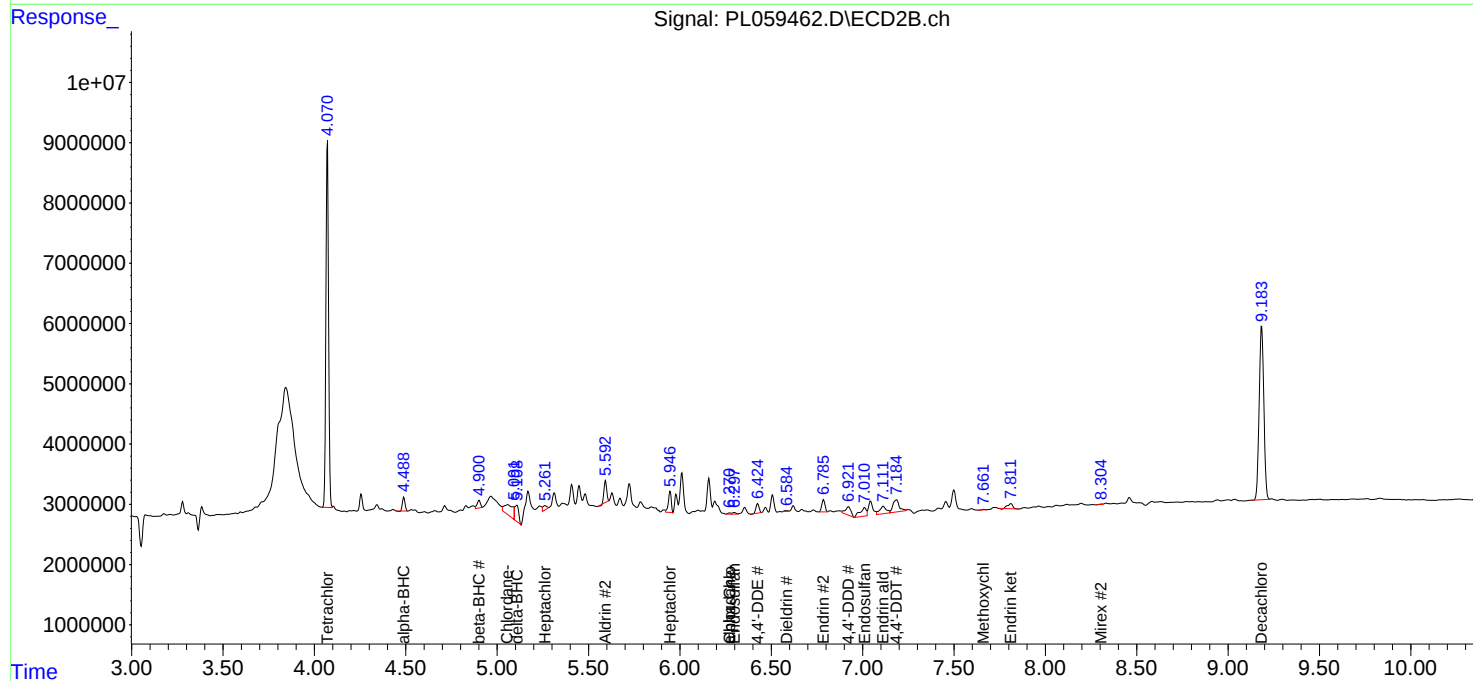
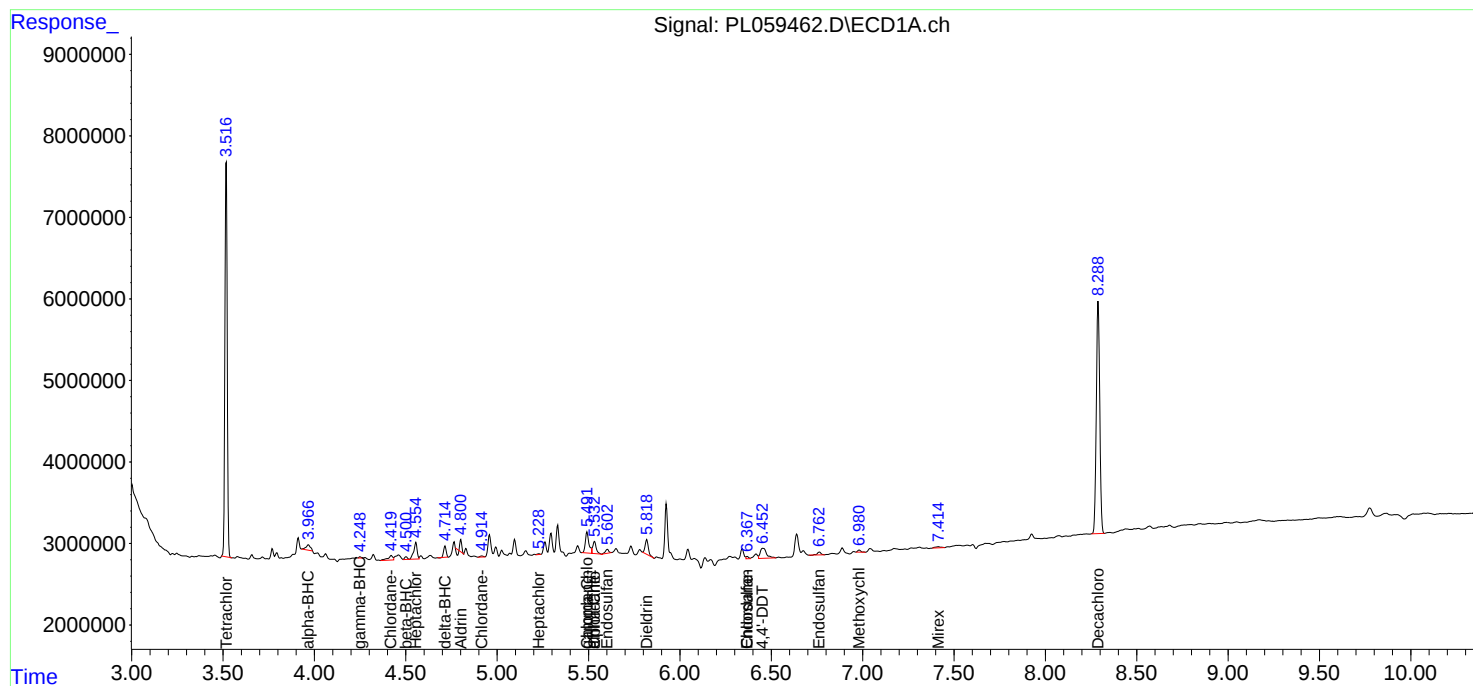
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

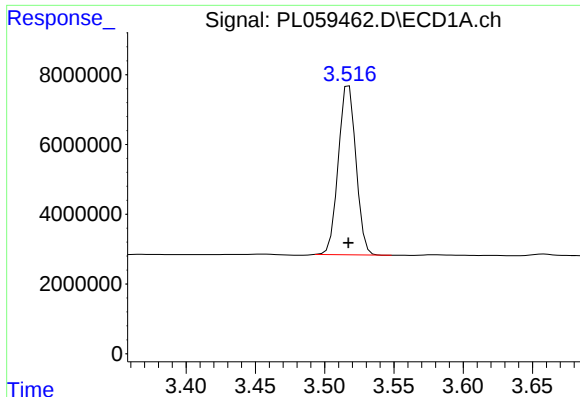
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062420\  
Data File : PL059462.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jun 2020 15:06  
Operator : AJ\MA  
Sample : L3090-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
359-RO

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 24 16:56:03 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 22 14:09:48 2020  
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

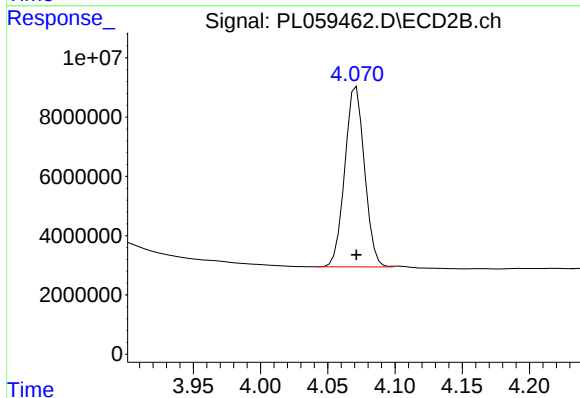




#1 Tetrachloro-m-xylene

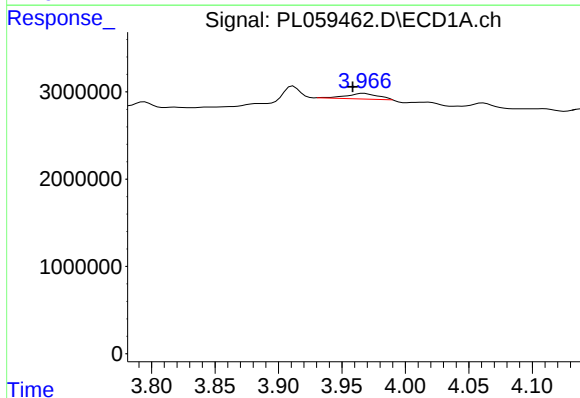
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 43079150  
Conc: 23.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



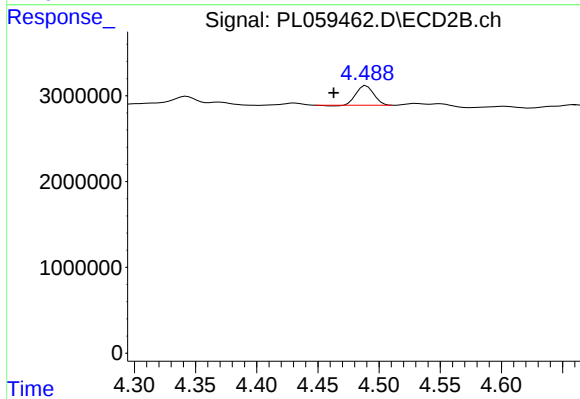
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 61877481  
Conc: 23.97 ng/ml



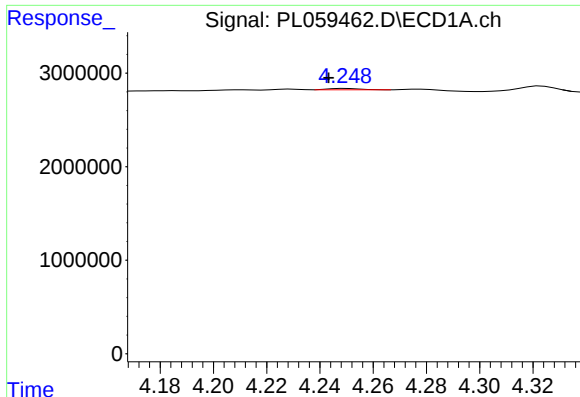
#2 alpha-BHC

R.T.: 3.967 min  
Delta R.T.: 0.009 min  
Response: 1102497  
Conc: 0.43 ng/ml



#2 alpha-BHC

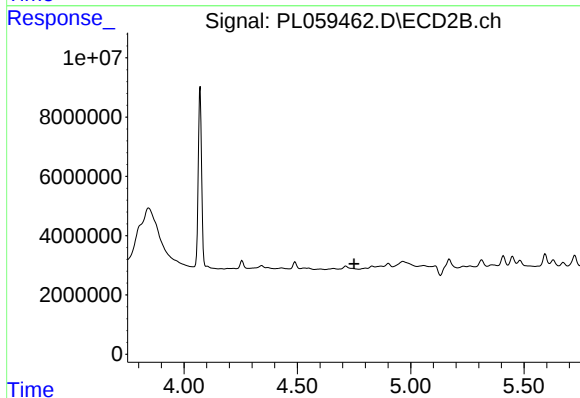
R.T.: 4.490 min  
Delta R.T.: 0.027 min  
Response: 2257552  
Conc: 0.66 ng/ml



#3 gamma-BHC (Lindane)

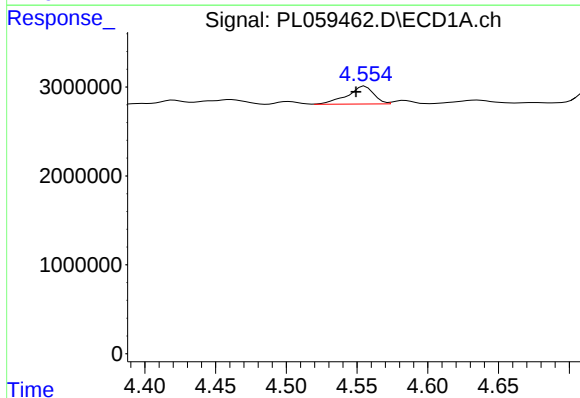
R.T.: 4.250 min  
Delta R.T.: 0.007 min  
Response: 128083  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



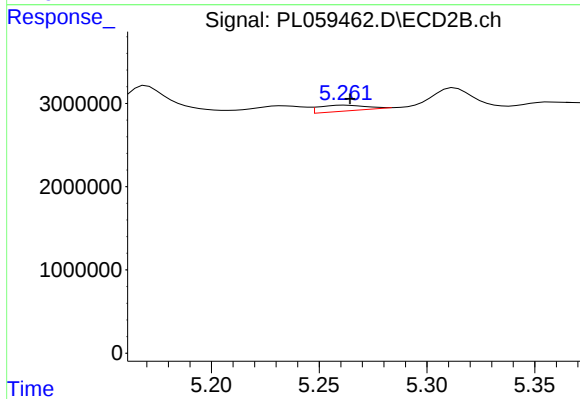
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.750 min  
Response: 0  
Conc: N.D.



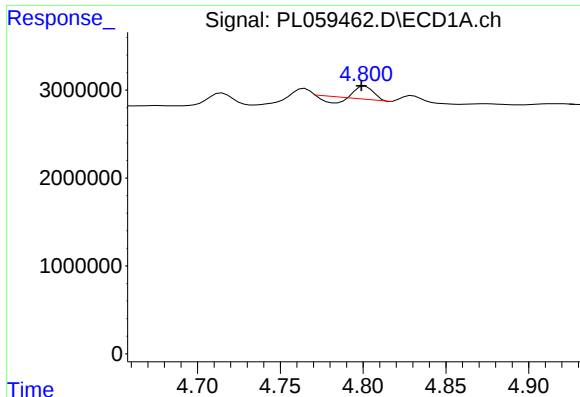
#4 Heptachlor

R.T.: 4.556 min  
Delta R.T.: 0.007 min  
Response: 2620536  
Conc: 1.23 ng/ml



#4 Heptachlor

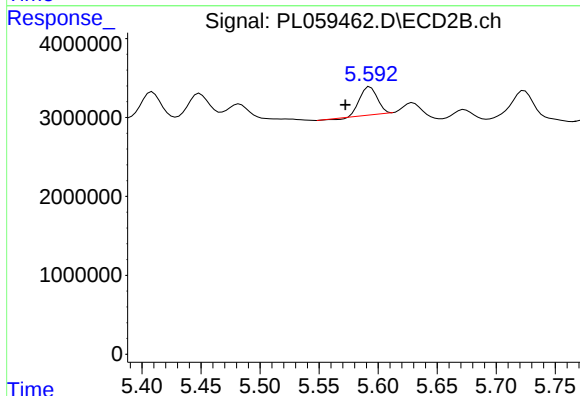
R.T.: 5.262 min  
Delta R.T.: -0.002 min  
Response: 1063523  
Conc: 0.33 ng/ml



#5 Aldrin

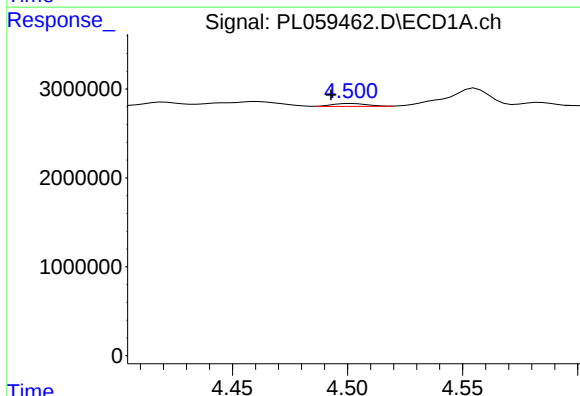
R.T.: 4.801 min  
Delta R.T.: 0.003 min  
Response: 828227  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



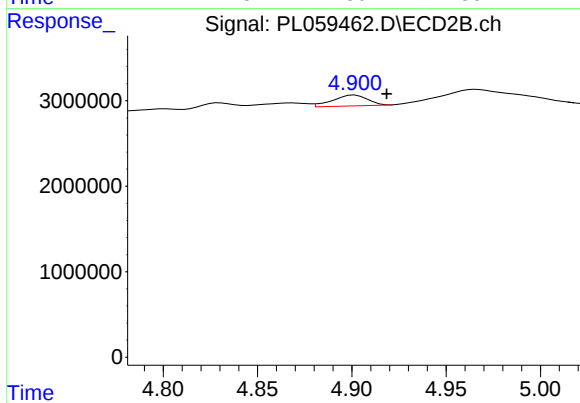
#5 Aldrin

R.T.: 5.593 min  
Delta R.T.: 0.021 min  
Response: 3540786  
Conc: 1.15 ng/ml



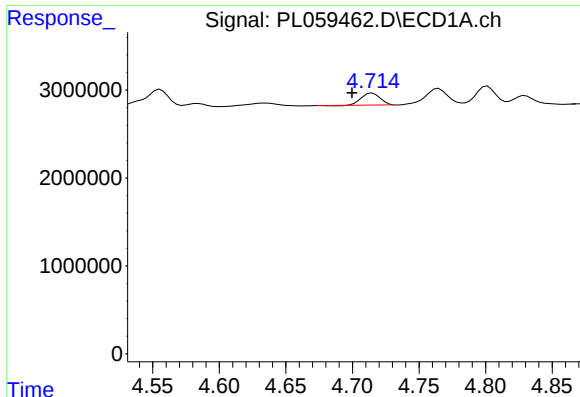
#6 beta-BHC

R.T.: 4.502 min  
Delta R.T.: 0.009 min  
Response: 351098  
Conc: 0.37 ng/ml



#6 beta-BHC

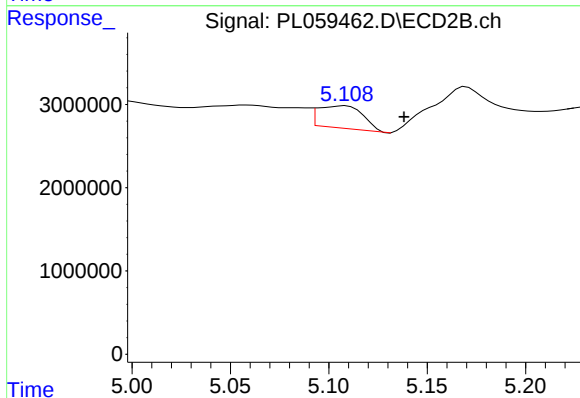
R.T.: 4.902 min  
Delta R.T.: -0.017 min  
Response: 1622343  
Conc: 1.19 ng/ml



#7 delta-BHC

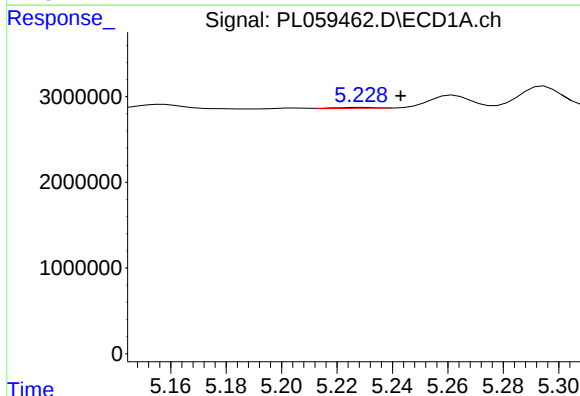
R.T.: 4.715 min  
Delta R.T.: 0.015 min  
Response: 1313553  
Conc: 0.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



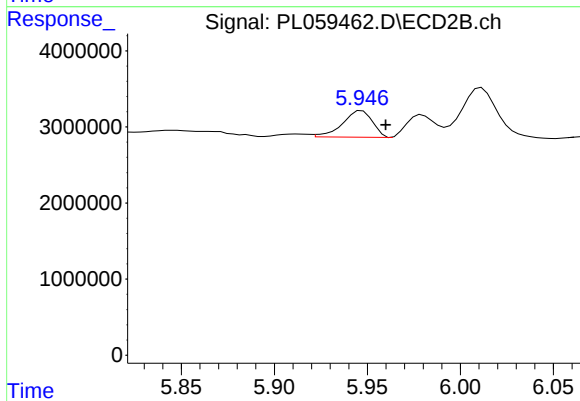
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: -0.030 min  
Response: 4243344  
Conc: 1.53 ng/ml



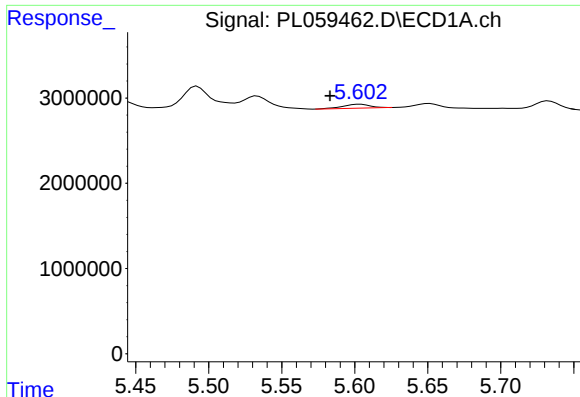
#8 Heptachlor epoxide

R.T.: 5.229 min  
Delta R.T.: -0.013 min  
Response: 98826  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

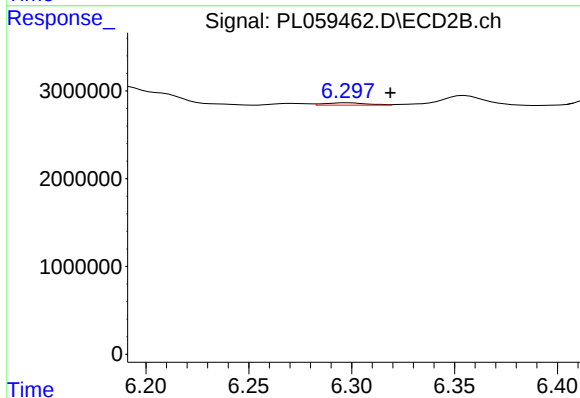
R.T.: 5.947 min  
Delta R.T.: -0.013 min  
Response: 3908324  
Conc: 1.56 ng/ml



#9 Endosulfan I

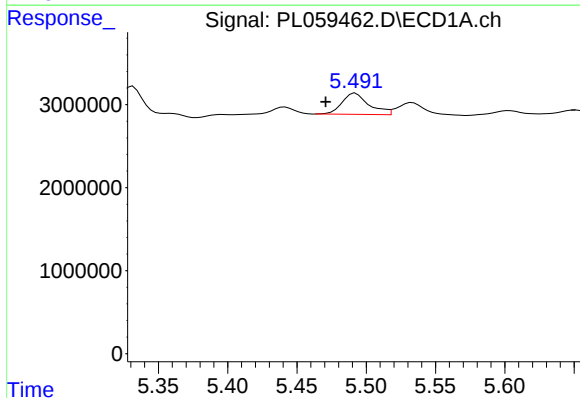
R.T.: 5.604 min  
Delta R.T.: 0.021 min  
Response: 601300  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



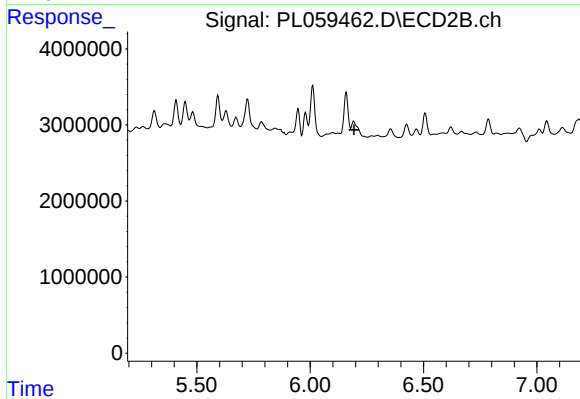
#9 Endosulfan I

R.T.: 6.298 min  
Delta R.T.: -0.021 min  
Response: 384632  
Conc: 0.14 ng/ml



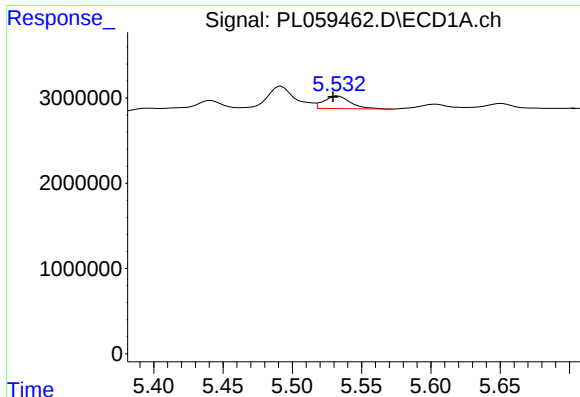
#10 gamma-Chlordane

R.T.: 5.492 min  
Delta R.T.: 0.021 min  
Response: 3453625  
Conc: 2.25 ng/ml



#10 gamma-Chlordane

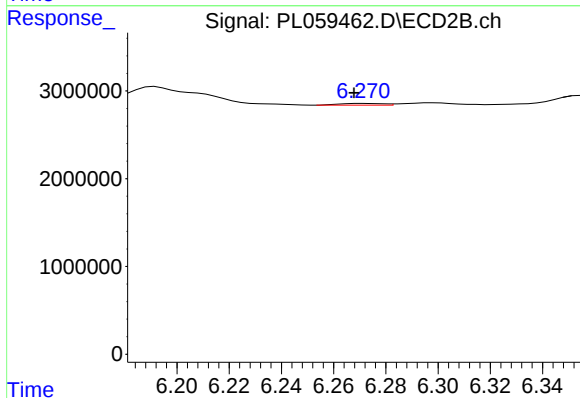
R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: -6406568  
Conc: N.D.



#11 alpha-Chlordane

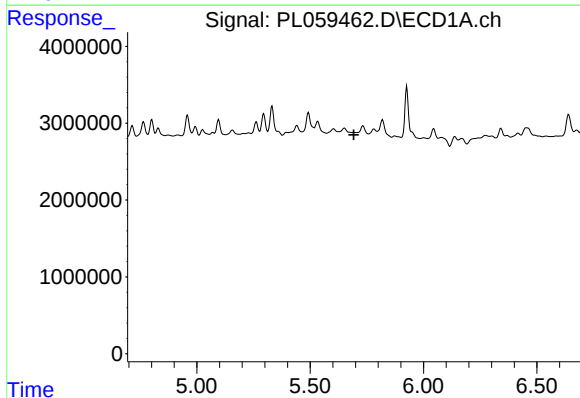
R.T.: 5.533 min  
Delta R.T.: 0.004 min  
Response: 1999987  
Conc: 1.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



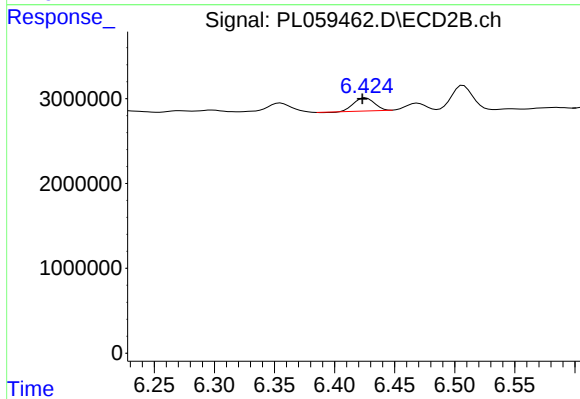
#11 alpha-Chlordane

R.T.: 6.272 min  
Delta R.T.: 0.004 min  
Response: 217904  
Conc: 0.07 ng/ml



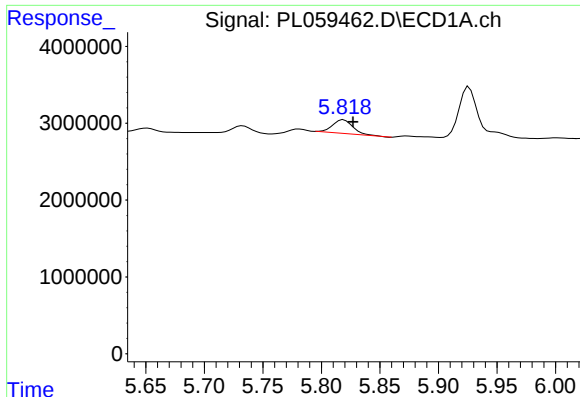
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.693 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

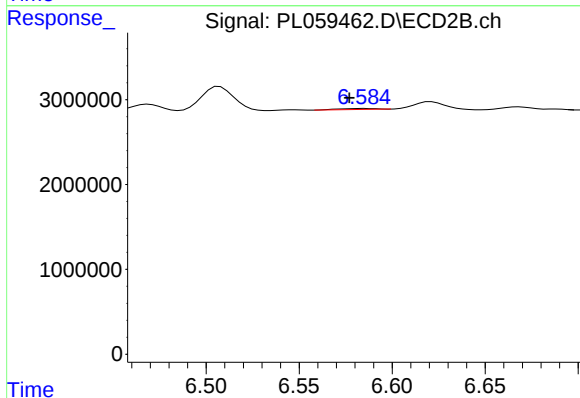
R.T.: 6.426 min  
Delta R.T.: 0.003 min  
Response: 1826128  
Conc: 0.68 ng/ml



#13 Dieldrin

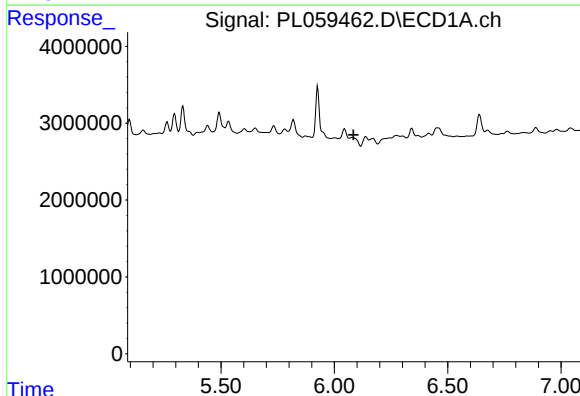
R.T.: 5.819 min  
Delta R.T.: -0.008 min  
Response: 2216757  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



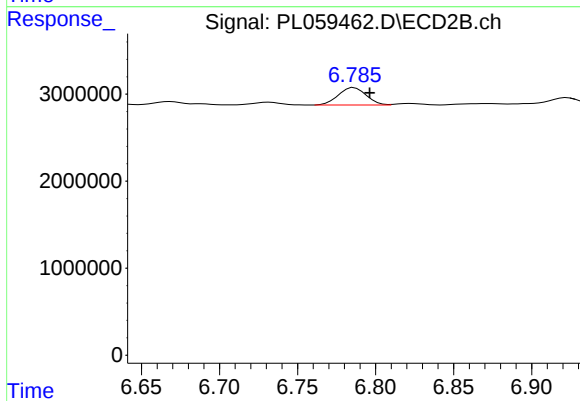
#13 Dieldrin

R.T.: 6.585 min  
Delta R.T.: 0.008 min  
Response: 168973  
Conc: 0.06 ng/ml



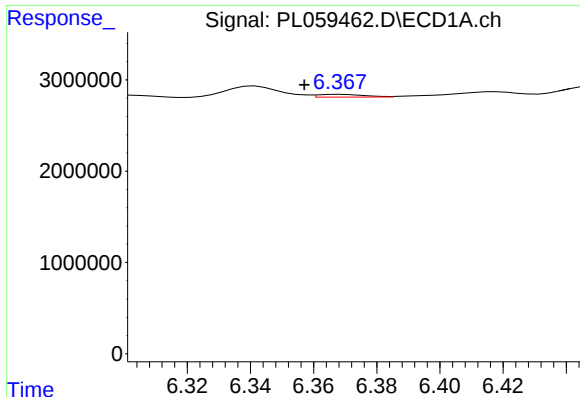
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.085 min  
Response: 0  
Conc: N.D.



#14 Endrin

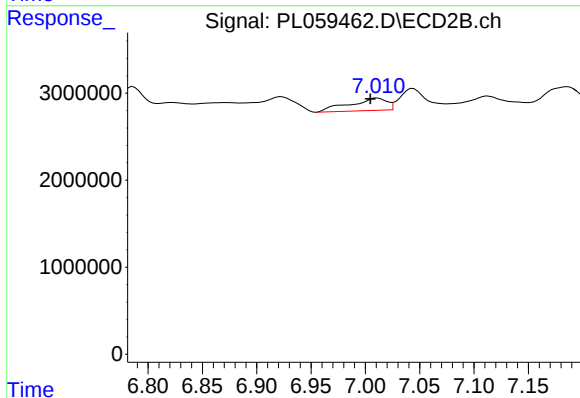
R.T.: 6.786 min  
Delta R.T.: -0.010 min  
Response: 2476854  
Conc: 1.00 ng/ml



#15 Endosulfan II

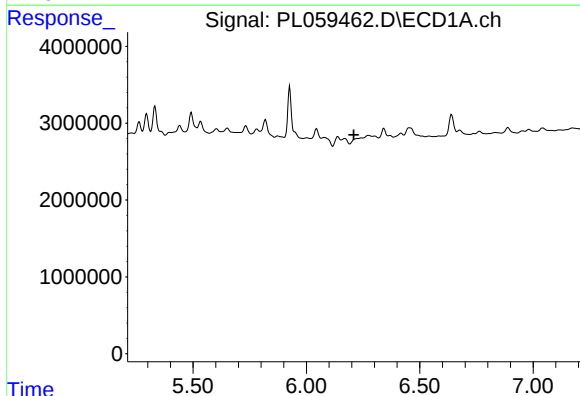
R.T.: 6.369 min  
Delta R.T.: 0.012 min  
Response: 304375  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



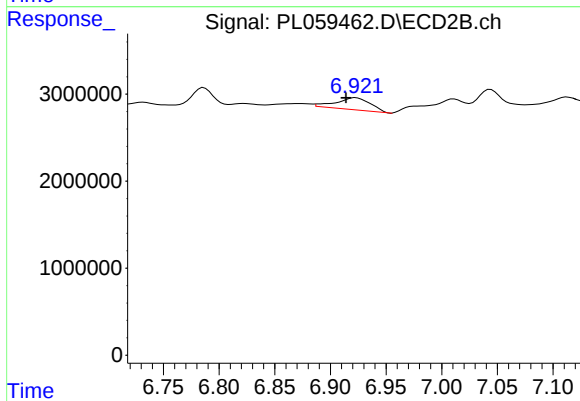
#15 Endosulfan II

R.T.: 7.011 min  
Delta R.T.: 0.006 min  
Response: 3371882  
Conc: 1.33 ng/ml



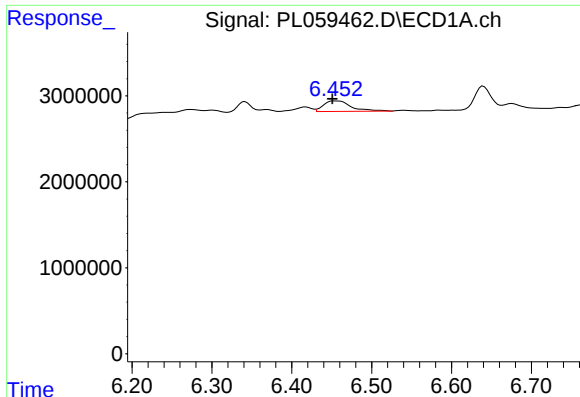
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.209 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

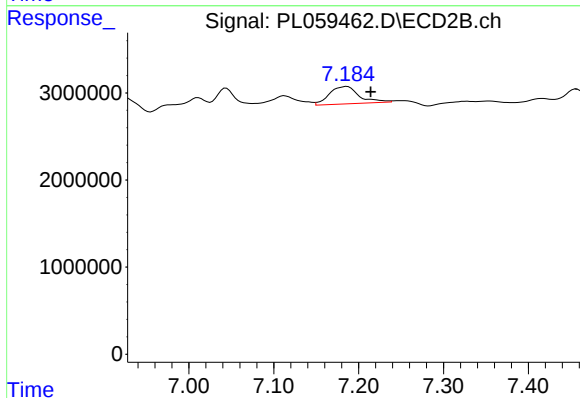
R.T.: 6.923 min  
Delta R.T.: 0.008 min  
Response: 2975648  
Conc: 1.34 ng/ml



#17 4,4'-DDT

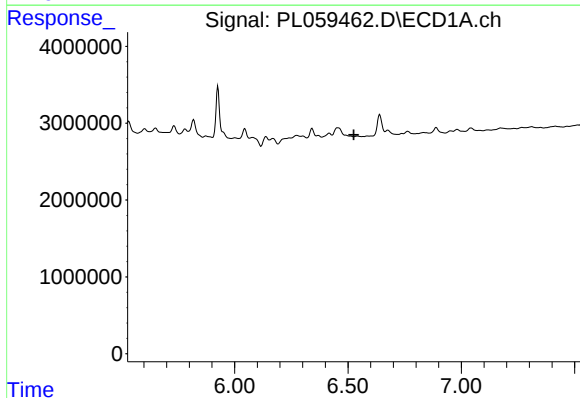
R.T.: 6.454 min  
Delta R.T.: 0.003 min  
Response: 2946976  
Conc: 2.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



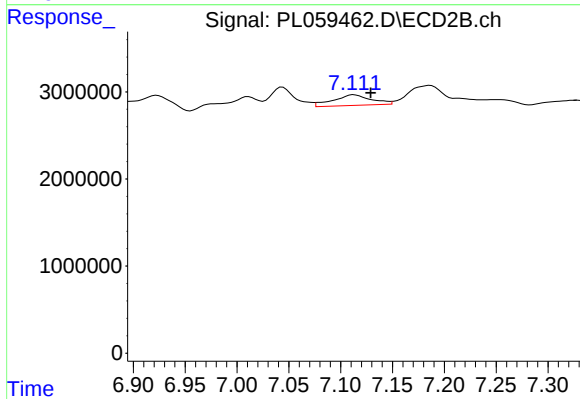
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: -0.028 min  
Response: 4882178  
Conc: 2.15 ng/ml



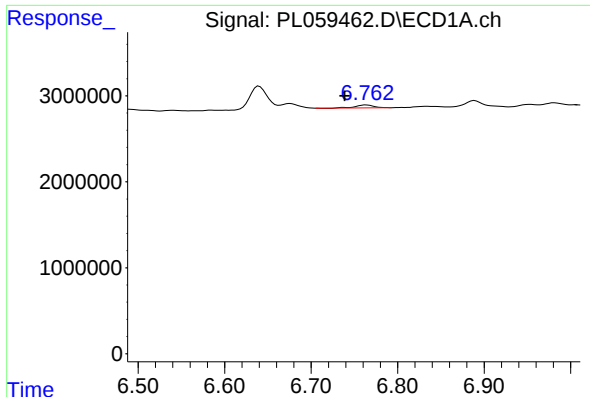
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.525 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

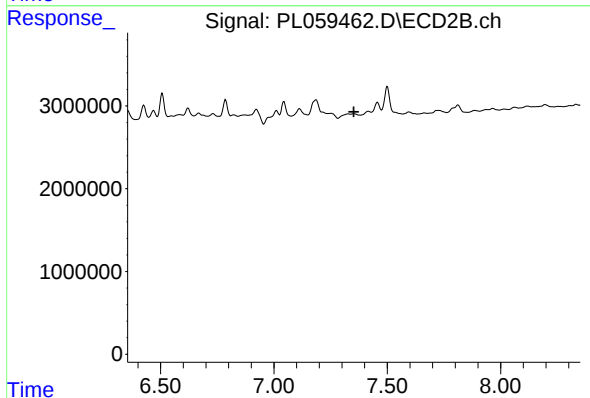
R.T.: 7.113 min  
Delta R.T.: -0.016 min  
Response: 3120928  
Conc: 1.42 ng/ml



#19 Endosulfan Sulfate

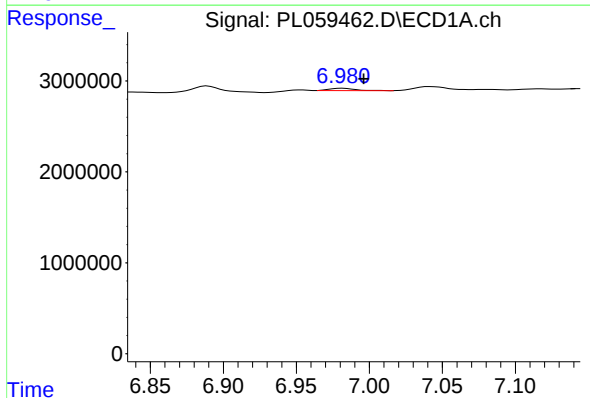
R.T.: 6.764 min  
Delta R.T.: 0.025 min  
Response: 463460  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



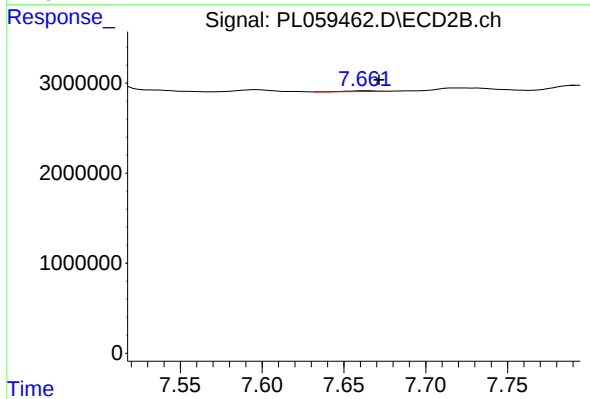
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.352 min  
Response: 0  
Conc: N.D.



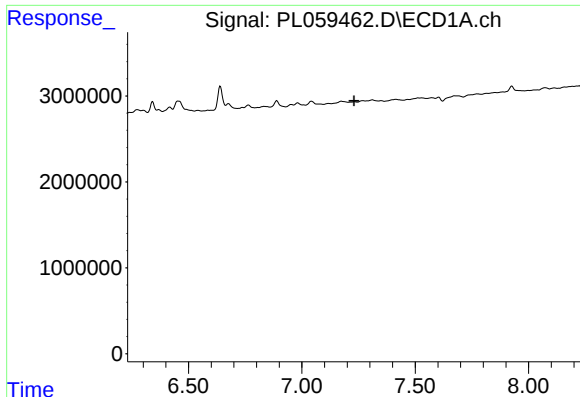
#20 Methoxychlor

R.T.: 6.982 min  
Delta R.T.: -0.014 min  
Response: 295872  
Conc: 0.37 ng/ml



#20 Methoxychlor

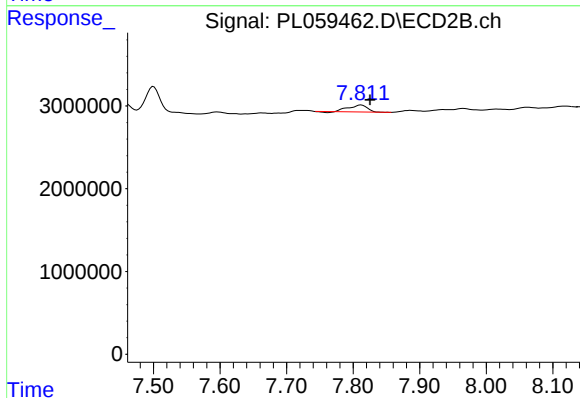
R.T.: 7.664 min  
Delta R.T.: -0.008 min  
Response: 94413  
Conc: 0.07 ng/ml



#21 Endrin ketone

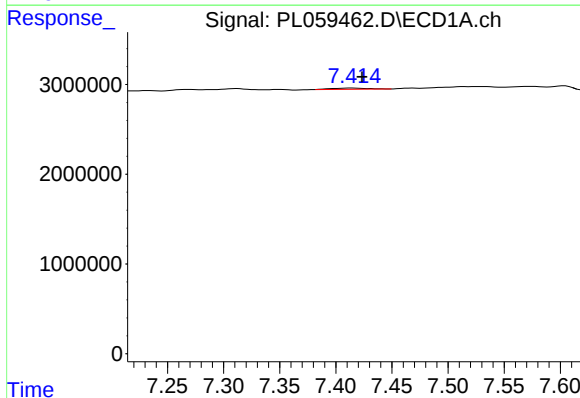
R.T.: 0.000 min  
Exp R.T.: 7.231 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



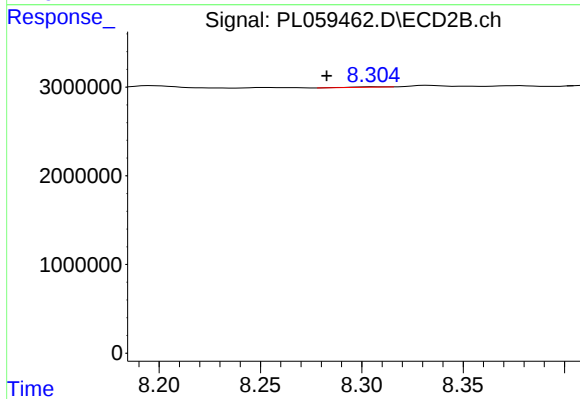
#21 Endrin ketone

R.T.: 7.812 min  
Delta R.T.: -0.013 min  
Response: 1594387  
Conc: 0.62 ng/ml



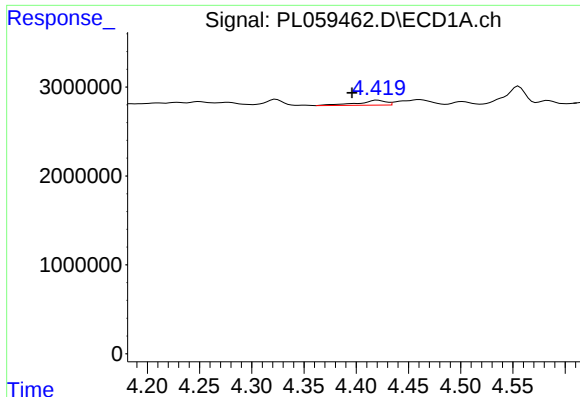
#22 Mirex

R.T.: 7.415 min  
Delta R.T.: -0.008 min  
Response: 313894  
Conc: 0.22 ng/ml



#22 Mirex

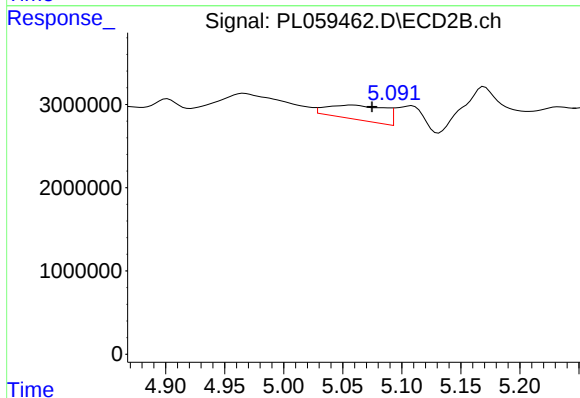
R.T.: 8.306 min  
Delta R.T.: 0.023 min  
Response: 48902  
Conc: 0.02 ng/ml



#23 Chlordane-1

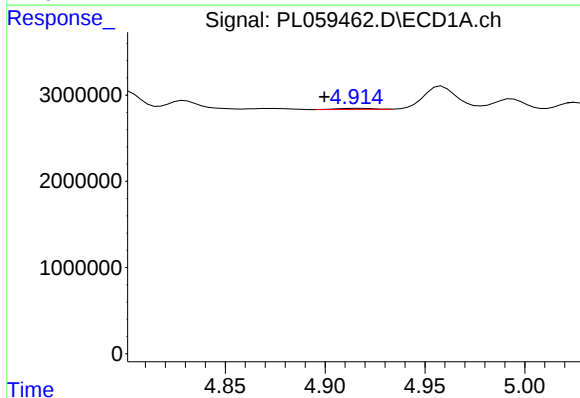
R.T.: 4.421 min  
Delta R.T.: 0.025 min  
Response: 1024949  
Conc: 18.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



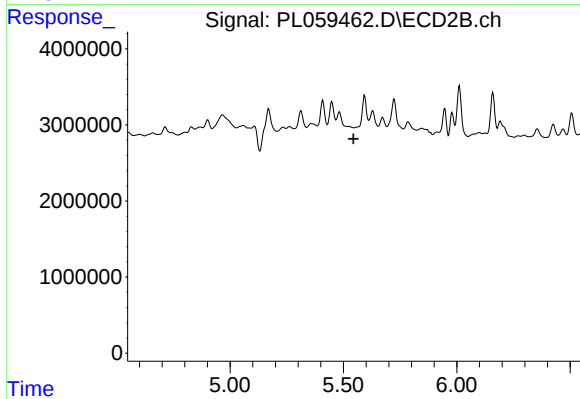
#23 Chlordane-1

R.T.: 5.058 min  
Delta R.T.: -0.017 min  
Response: 5889522  
Conc: 58.28 ng/ml



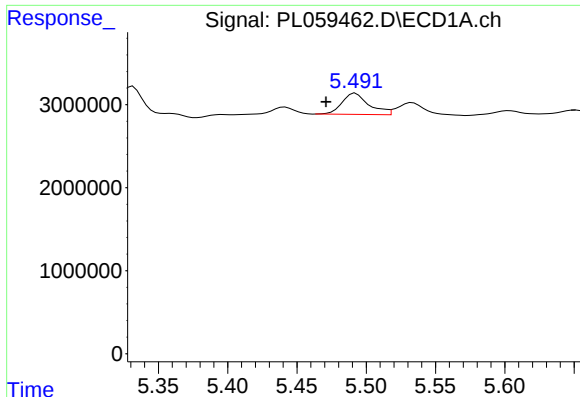
#24 Chlordane-2

R.T.: 4.917 min  
Delta R.T.: 0.017 min  
Response: 152318  
Conc: 2.81 ng/ml



#24 Chlordane-2

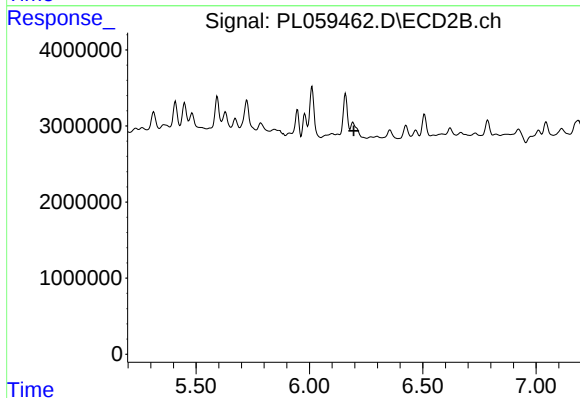
R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

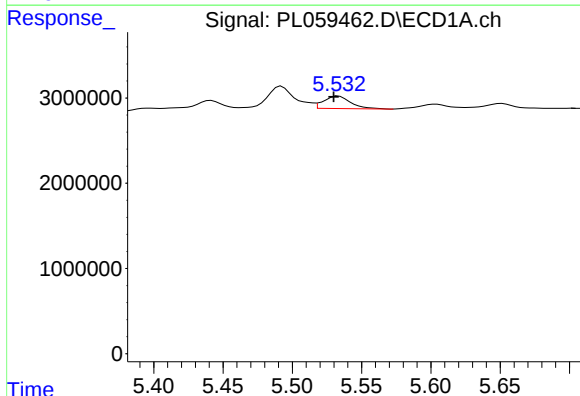
R.T.: 5.492 min  
Delta R.T.: 0.021 min  
Response: 3453625  
Conc: 24.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



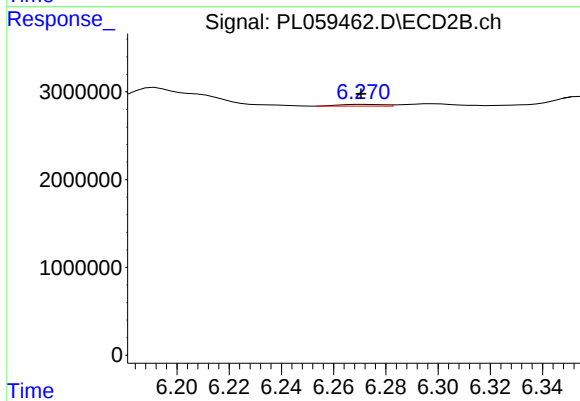
#25 Chlordane-3

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: -6406568  
Conc: N.D.



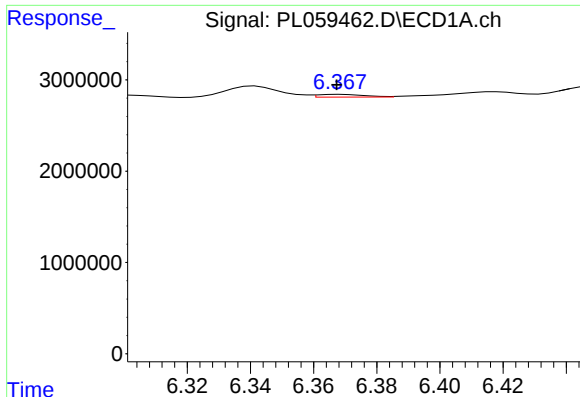
#26 Chlordane-4

R.T.: 5.533 min  
Delta R.T.: 0.003 min  
Response: 1999987  
Conc: 16.94 ng/ml



#26 Chlordane-4

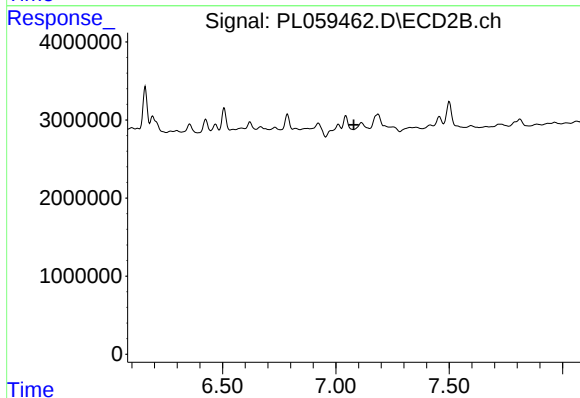
R.T.: 6.272 min  
Delta R.T.: 0.001 min  
Response: 217904  
Conc: 0.46 ng/ml



#27 Chlordane-5

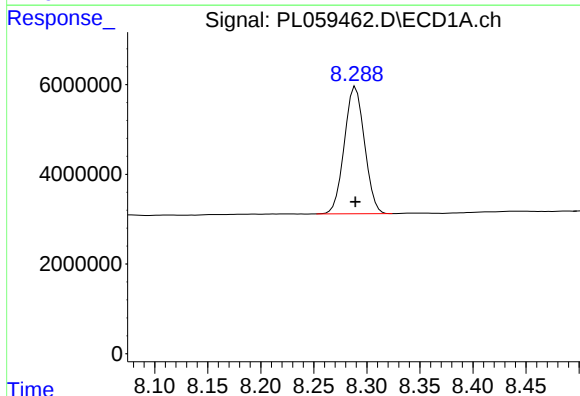
R.T.: 6.369 min  
Delta R.T.: 0.001 min  
Response: 304375  
Conc: 5.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
359-RO



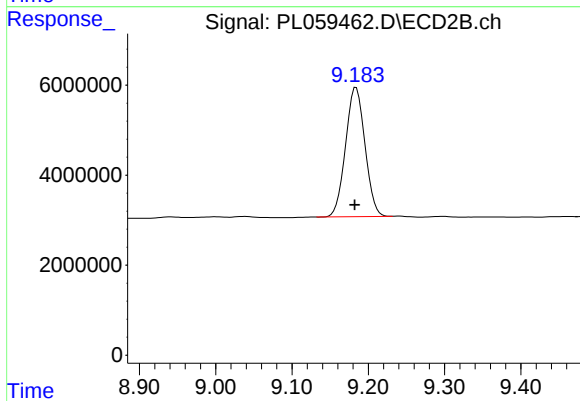
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.079 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.289 min  
Delta R.T.: 0.000 min  
Response: 37435445  
Conc: 21.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.184 min  
Delta R.T.: 0.002 min  
Response: 50886545  
Conc: 22.22 ng/ml