

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041620\  
 Data File : PL058068.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2020 17:00  
 Operator : AJ\MA  
 Sample : L2271-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BG-4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 01:06:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.456  | 3.954  | 201.1E6  | 40257277 | 19.945  | 18.551   |
| 28)                         | SA Decachlor... | 8.202  | 8.975  | 163.9E6  | 39087041 | 15.898  | 17.498   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.897  | 0.000  | 2294220  | 0        | 0.132   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.477  | 5.125  | 46065987 | 1345473  | 2.874   | 0.401 #  |
| 5)                          | MB Aldrin       | 4.705f | 5.444  | 12755236 | 967630   | 0.866   | 0.299 #  |
| 6)                          | B beta-BHC      | 4.401f | 4.821f | 47702129 | 343903   | 7.553   | 0.248 #  |
| 7)                          | B delta-BHC     | 4.657f | 0.000  | 9509990  | 0        | 0.627   | N.D. #   |
| 8)                          | B Heptachlo...  | 5.165  | 5.799f | 4238999  | 8906008  | 0.315   | 3.298 #  |
| 9)                          | A Endosulfan I  | 5.518  | 0.000  | 12626955 | 0        | 1.030   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.414f | 6.049  | 8428027  | 215293   | 0.621   | 0.066 #  |
| 11)                         | B alpha-Chl...  | 5.457  | 6.118  | 14481616 | 1646927  | 1.088   | 0.503 #  |
| 12)                         | B 4,4'-DDE      | 5.615  | 6.275  | 49143297 | 4005459  | 3.751   | 1.353 #  |
| 13)                         | MA Dieldrin     | 5.745  | 6.420  | 11992784 | 4218105  | 0.922   | 1.380 #  |
| 14)                         | MA Endrin       | 6.000  | 6.669f | 23230572 | 357649   | 1.990   | 0.143 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.867  | 0        | 3185480  | N.D.    | 1.228 #  |
| 16)                         | A 4,4'-DDD      | 6.162f | 6.758  | 12204664 | 1951848  | 1.221   | 0.855 #  |
| 17)                         | MA 4,4'-DDT     | 6.370  | 7.062  | 60187862 | 4139930  | 5.930   | 1.859 #  |
| 18)                         | B Endrin al...  | 6.465f | 6.987  | 16680689 | 715364   | 1.784   | 0.322 #  |
| 19)                         | B Endosulfa...  | 6.659  | 7.191  | 11464202 | -1301482 | 1.128   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.919  | 0.000  | 1938820  | 0        | 0.352   | N.D. #   |
| 21)                         | B Endrin ke...  | 7.152  | 7.663  | 2053398  | 4327633  | 0.184   | 1.751 #  |
| 22)                         | Mirex           | 7.347  | 8.135f | 11855948 | 462721   | 1.446   | 0.252 #  |
| 23)                         | Chlordane-1     | 4.346f | 4.920f | 68298296 | 3688849  | 184.665 | 41.831 # |
| 25)                         | Chlordane-3     | 5.414f | 6.049  | 8428027  | 215293   | 6.893   | 0.498 #  |
| 26)                         | Chlordane-4     | 5.457  | 6.118  | 14481616 | 1646927  | 13.922  | 3.137 #  |
| -----                       |                 |        |        |          |          |         |          |

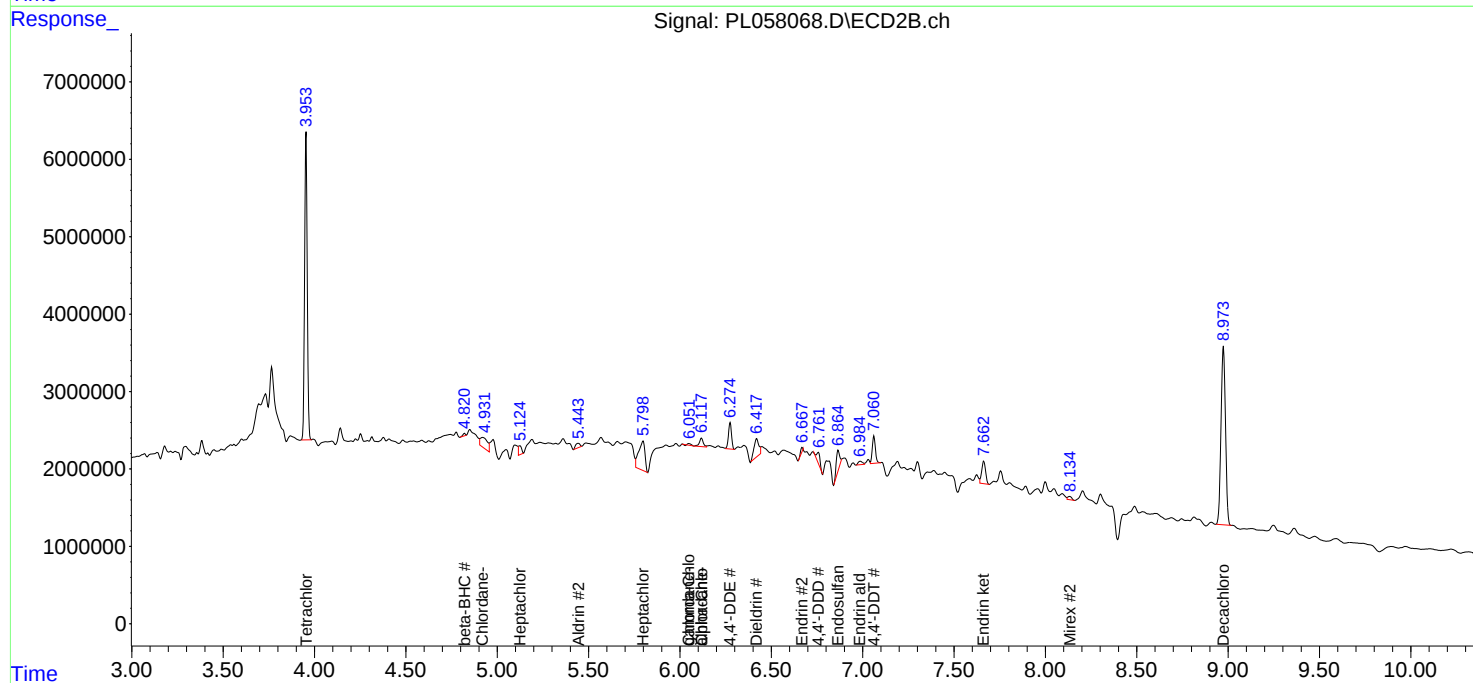
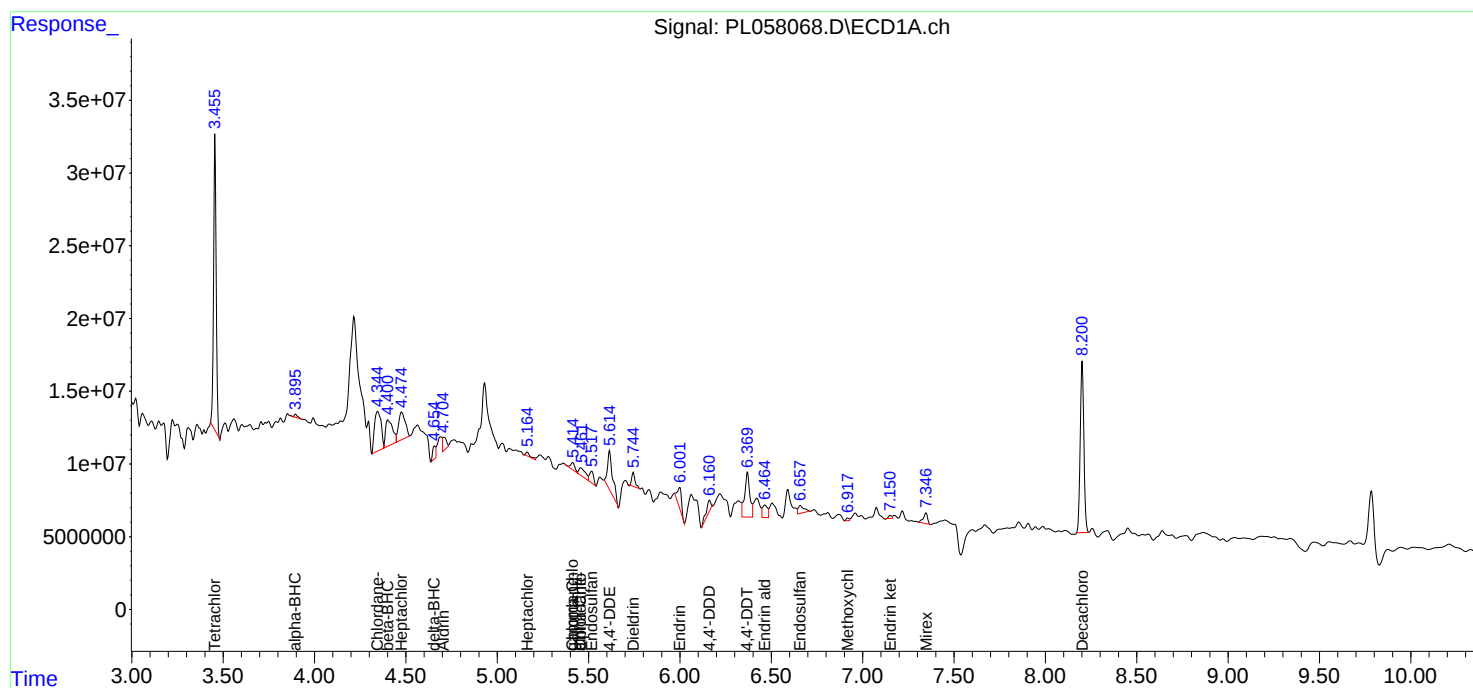
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

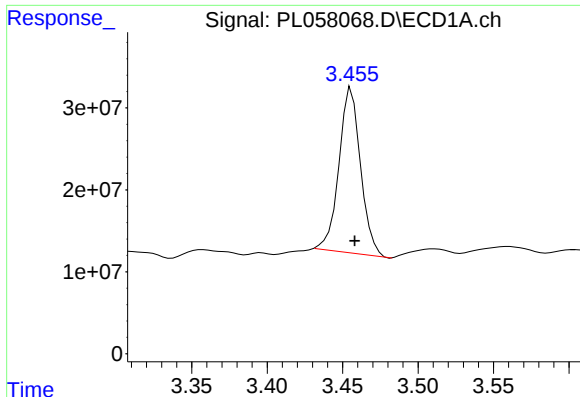
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041620\  
Data File : PL058068.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2020 17:00  
Operator : AJ\MA  
Sample : L2271-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 01:06:28 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

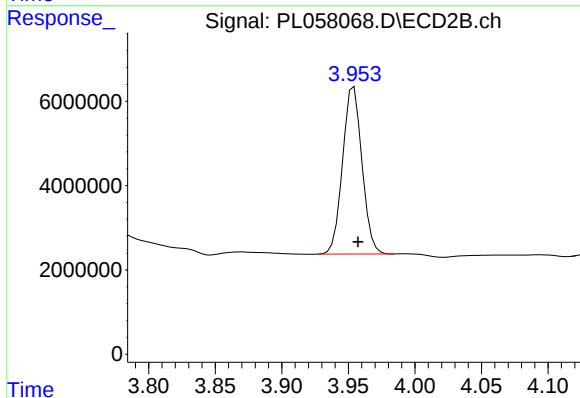




#1 Tetrachloro-m-xylene

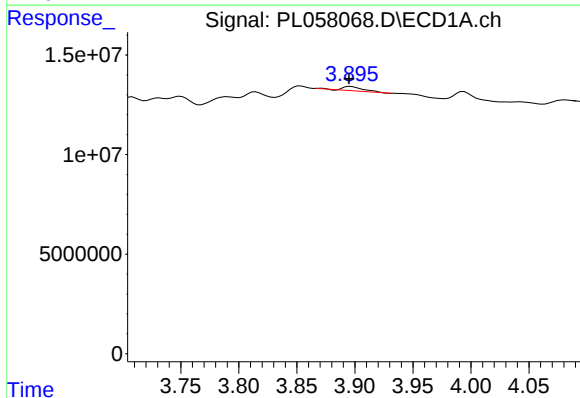
R.T.: 3.456 min  
Delta R.T.: -0.002 min  
Response: 201064718  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



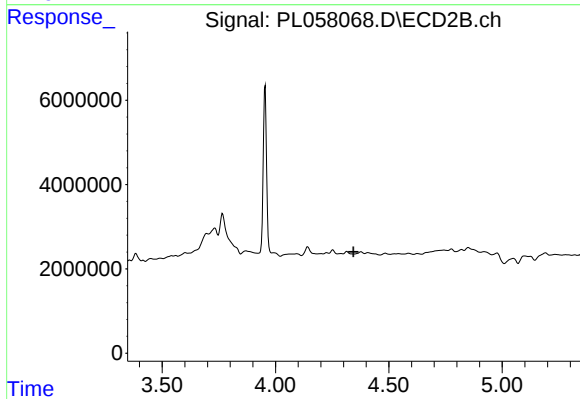
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.003 min  
Response: 40257277  
Conc: 18.55 ng/ml



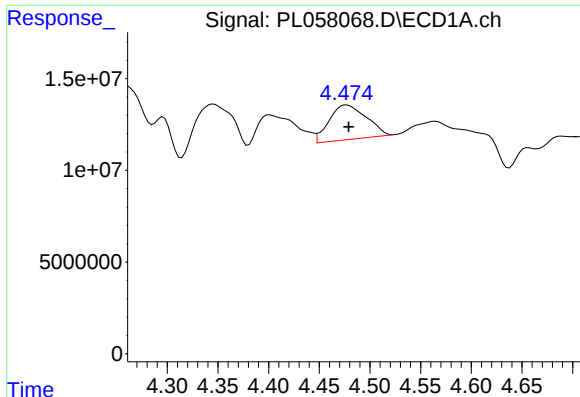
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: 0.002 min  
Response: 2294220  
Conc: 0.13 ng/ml



#2 alpha-BHC

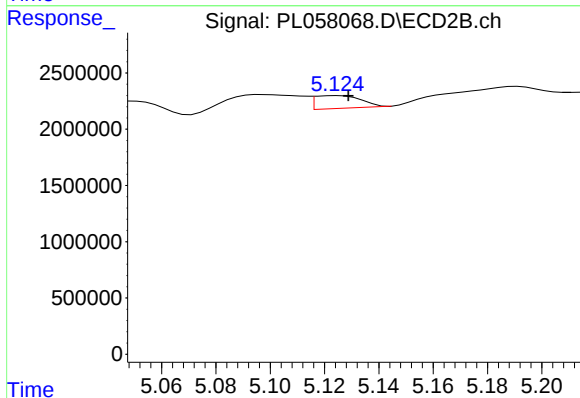
R.T.: 0.000 min  
Exp R.T.: 4.345 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

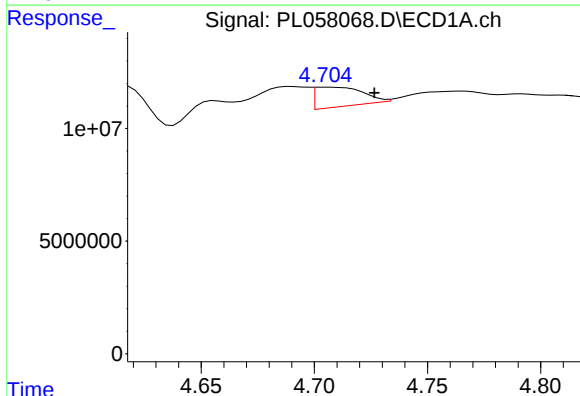
R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 46065987  
Conc: 2.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



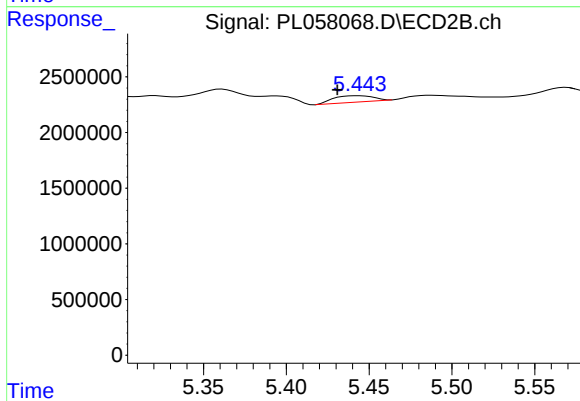
#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 1345473  
Conc: 0.40 ng/ml



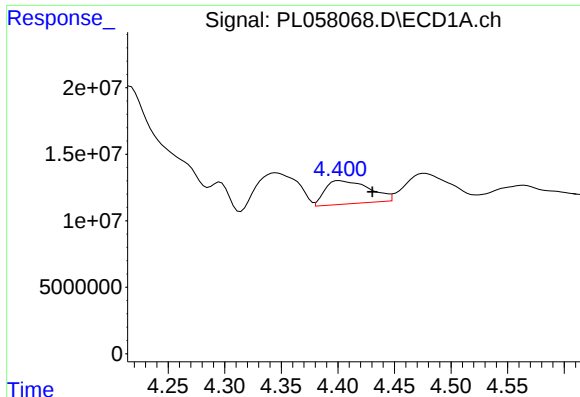
#5 Aldrin

R.T.: 4.705 min  
Delta R.T.: -0.021 min  
Response: 12755236  
Conc: 0.87 ng/ml



#5 Aldrin

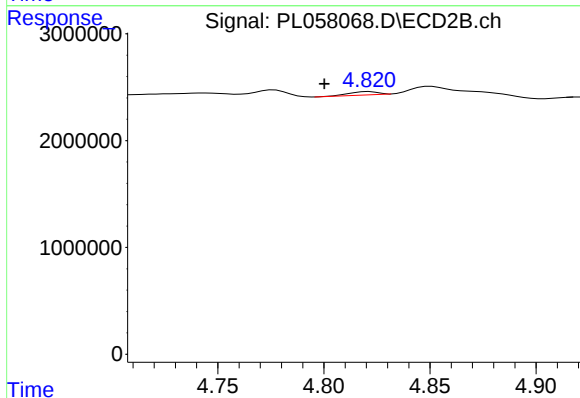
R.T.: 5.444 min  
Delta R.T.: 0.013 min  
Response: 967630  
Conc: 0.30 ng/ml



#6 beta-BHC

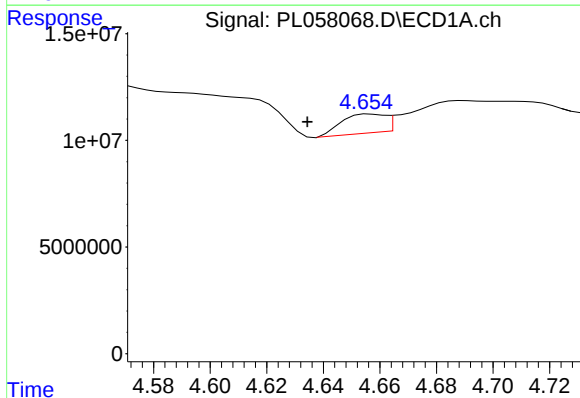
R.T.: 4.401 min  
Delta R.T.: -0.029 min  
Response: 47702129  
Conc: 7.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



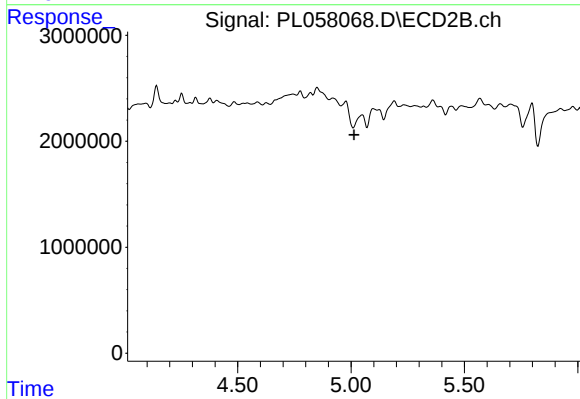
#6 beta-BHC

R.T.: 4.821 min  
Delta R.T.: 0.021 min  
Response: 343903  
Conc: 0.25 ng/ml



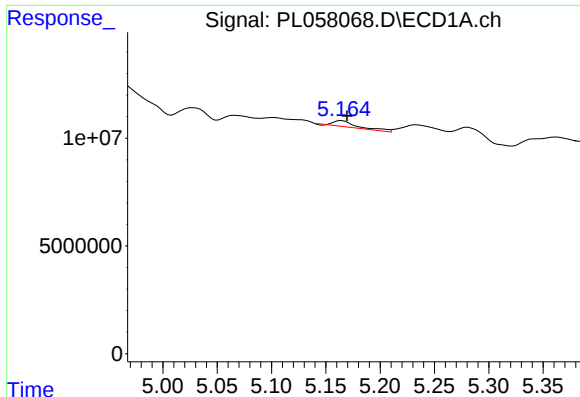
#7 delta-BHC

R.T.: 4.657 min  
Delta R.T.: 0.022 min  
Response: 9509990  
Conc: 0.63 ng/ml



#7 delta-BHC

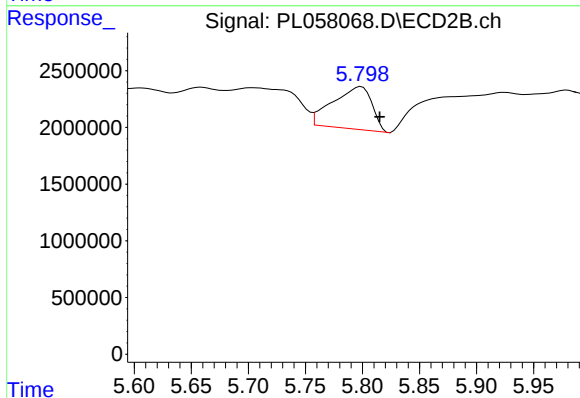
R.T.: 0.000 min  
Exp R.T.: 5.014 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

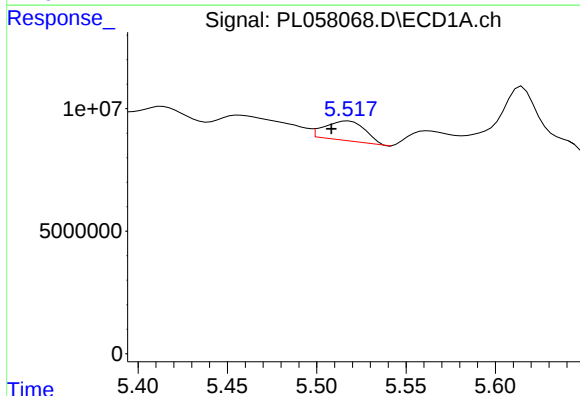
R.T.: 5.165 min  
Delta R.T.: -0.005 min  
Response: 4238999  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



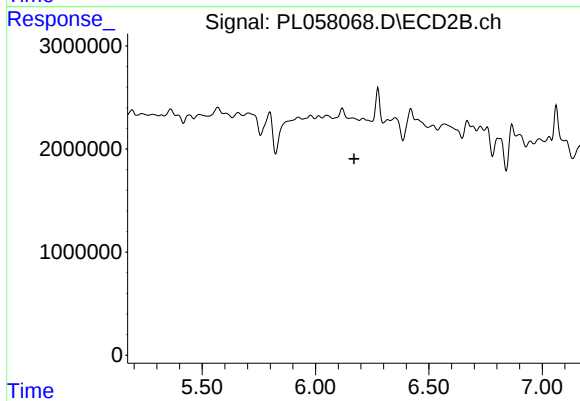
#8 Heptachlor epoxide

R.T.: 5.799 min  
Delta R.T.: -0.016 min  
Response: 8906008  
Conc: 3.30 ng/ml



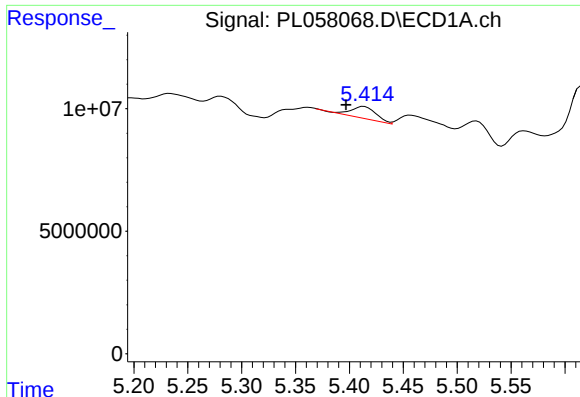
#9 Endosulfan I

R.T.: 5.518 min  
Delta R.T.: 0.010 min  
Response: 12626955  
Conc: 1.03 ng/ml



#9 Endosulfan I

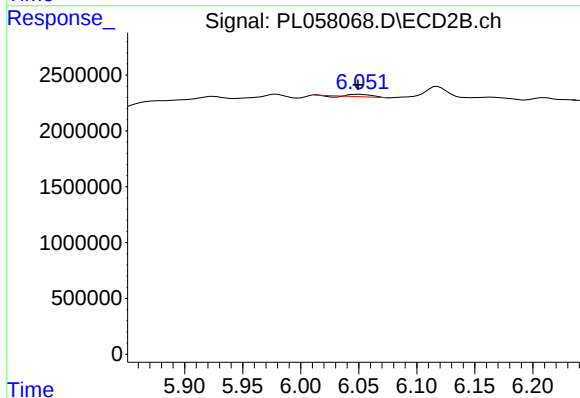
R.T.: 0.000 min  
Exp R.T.: 6.170 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

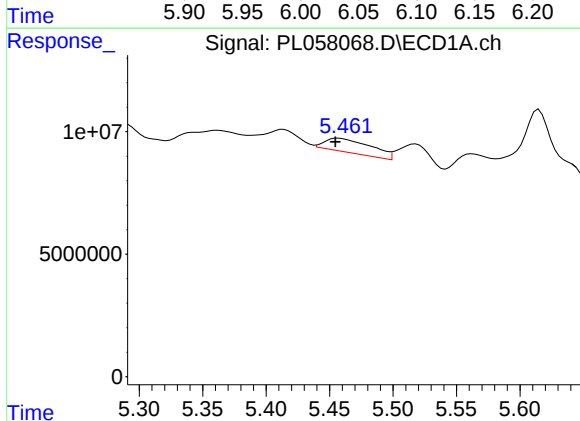
R.T.: 5.414 min  
Delta R.T.: 0.017 min  
Response: 8428027  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



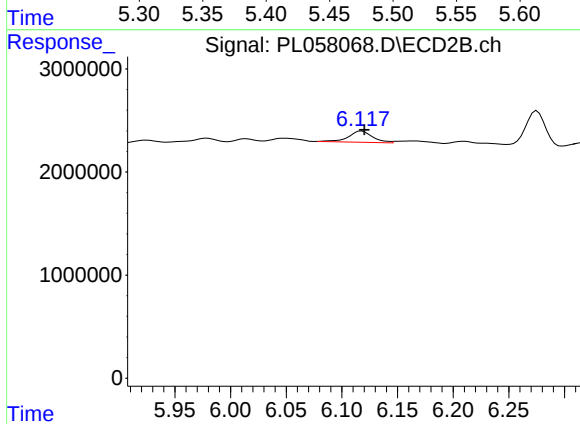
#10 gamma-Chlordane

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 215293  
Conc: 0.07 ng/ml



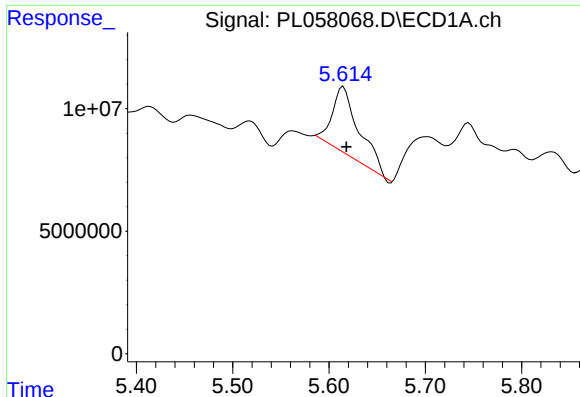
#11 alpha-Chlordane

R.T.: 5.457 min  
Delta R.T.: 0.002 min  
Response: 14481616  
Conc: 1.09 ng/ml



#11 alpha-Chlordane

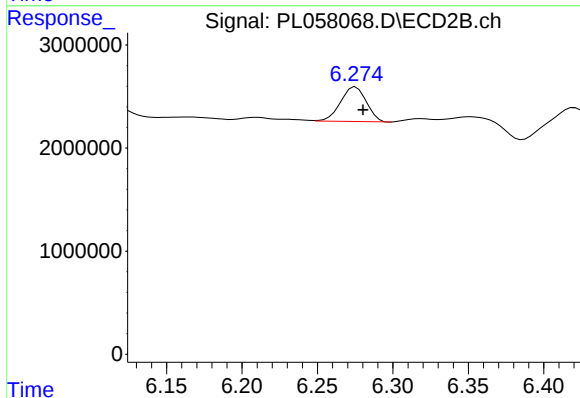
R.T.: 6.118 min  
Delta R.T.: -0.002 min  
Response: 1646927  
Conc: 0.50 ng/ml



#12 4,4'-DDE

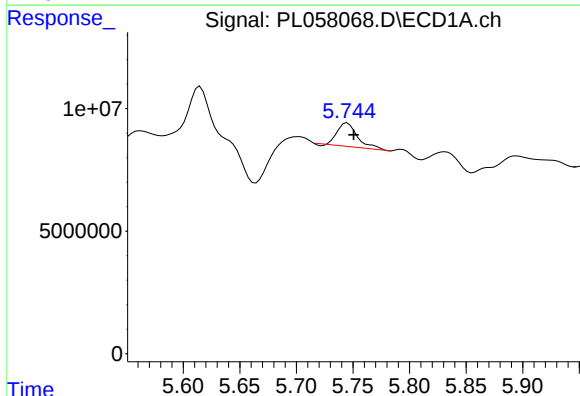
R.T.: 5.615 min  
Delta R.T.: -0.003 min  
Response: 49143297  
Conc: 3.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



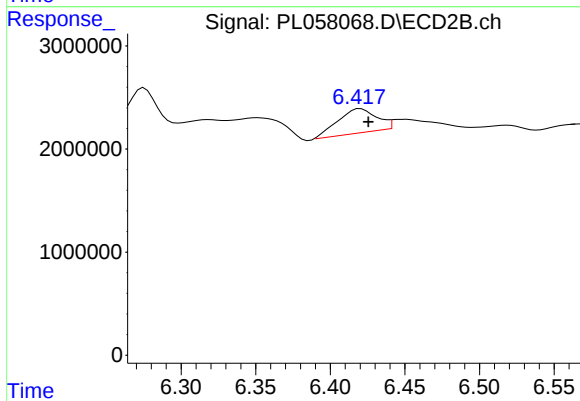
#12 4,4'-DDE

R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 4005459  
Conc: 1.35 ng/ml



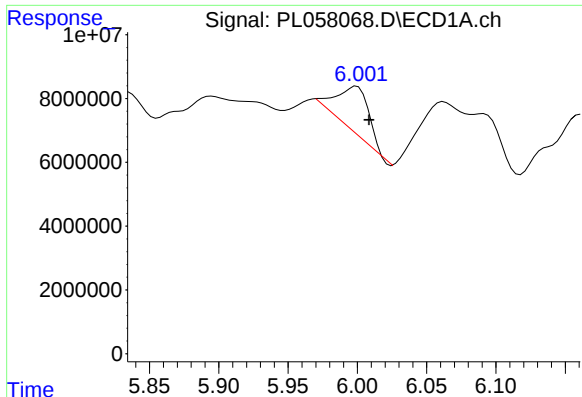
#13 Dieldrin

R.T.: 5.745 min  
Delta R.T.: -0.006 min  
Response: 11992784  
Conc: 0.92 ng/ml



#13 Dieldrin

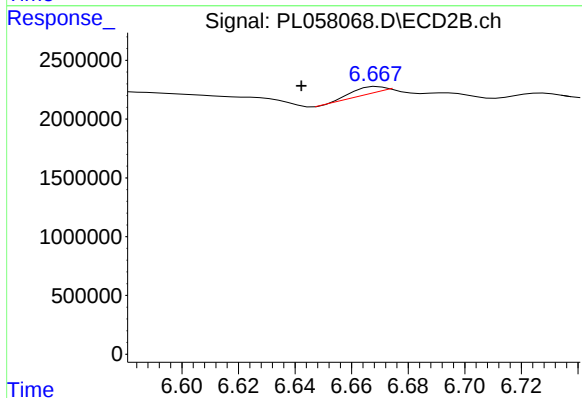
R.T.: 6.420 min  
Delta R.T.: -0.005 min  
Response: 4218105  
Conc: 1.38 ng/ml



#14 Endrin

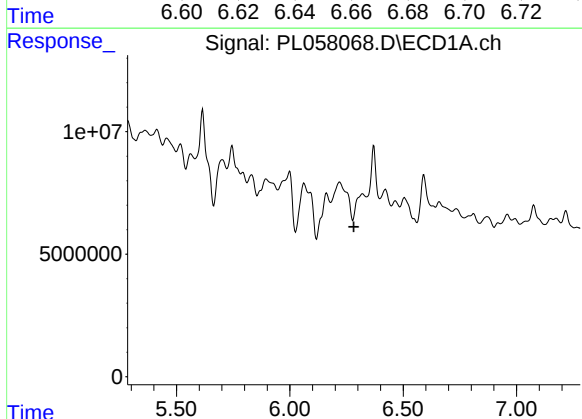
R.T.: 6.000 min  
Delta R.T.: -0.009 min  
Response: 23230572  
Conc: 1.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



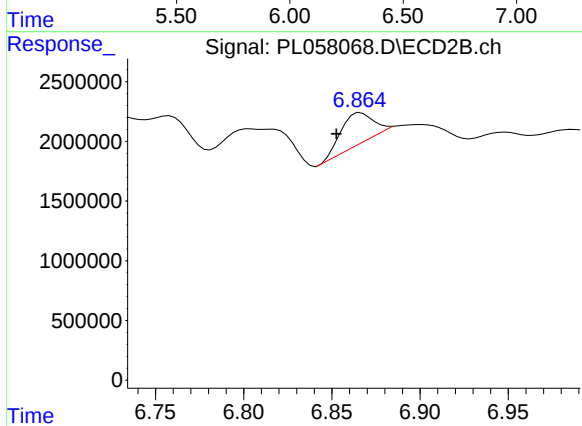
#14 Endrin

R.T.: 6.669 min  
Delta R.T.: 0.027 min  
Response: 357649  
Conc: 0.14 ng/ml



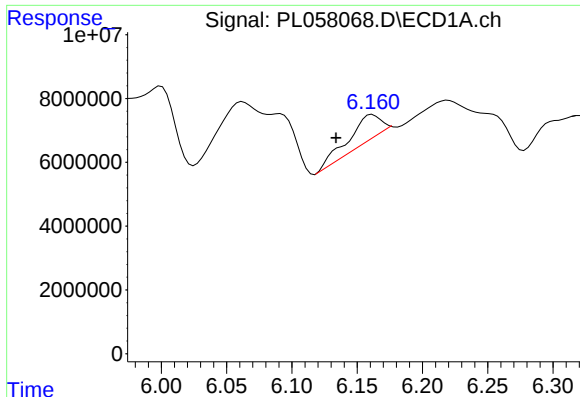
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.282 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

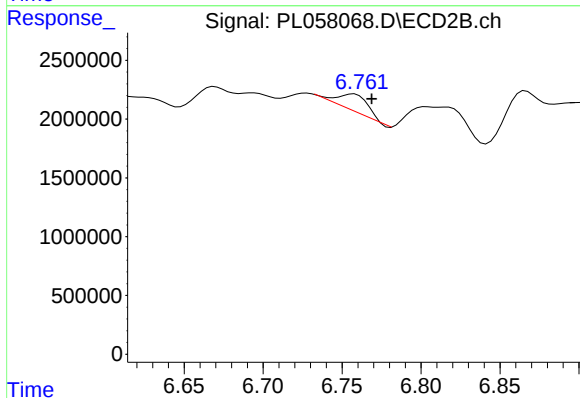
R.T.: 6.867 min  
Delta R.T.: 0.014 min  
Response: 3185480  
Conc: 1.23 ng/ml



#16 4,4'-DDD

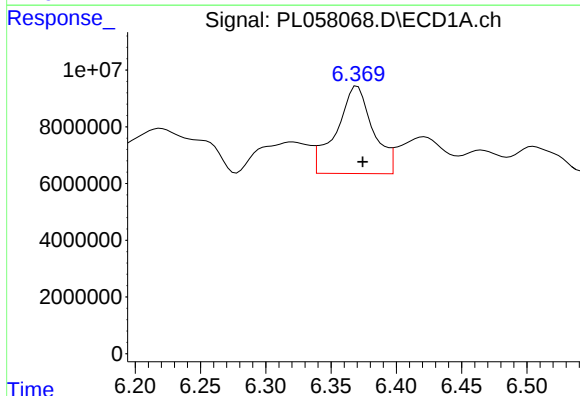
R.T.: 6.162 min  
Delta R.T.: 0.028 min  
Response: 12204664  
Conc: 1.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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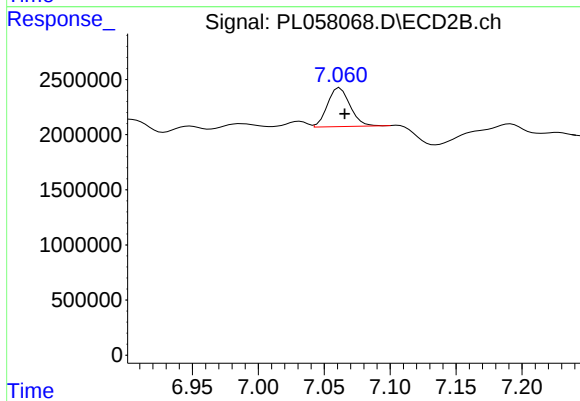
#16 4,4'-DDD

R.T.: 6.758 min  
Delta R.T.: -0.011 min  
Response: 1951848  
Conc: 0.86 ng/ml



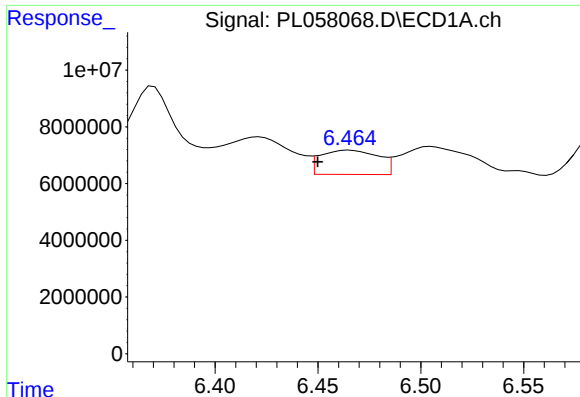
#17 4,4'-DDT

R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 60187862  
Conc: 5.93 ng/ml



#17 4,4'-DDT

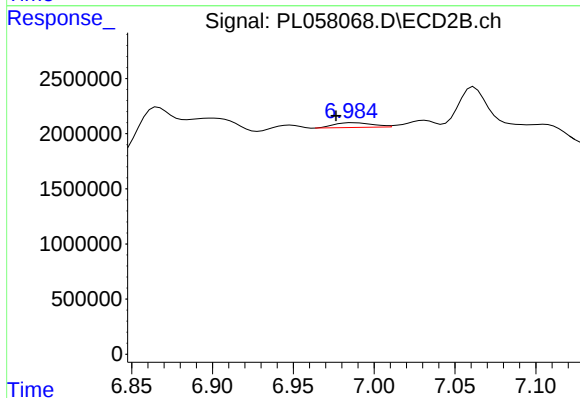
R.T.: 7.062 min  
Delta R.T.: -0.004 min  
Response: 4139930  
Conc: 1.86 ng/ml



#18 Endrin aldehyde

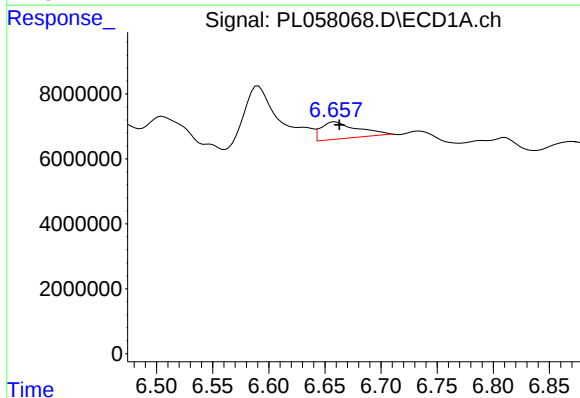
R.T.: 6.465 min  
Delta R.T.: 0.016 min  
Response: 16680689  
Conc: 1.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



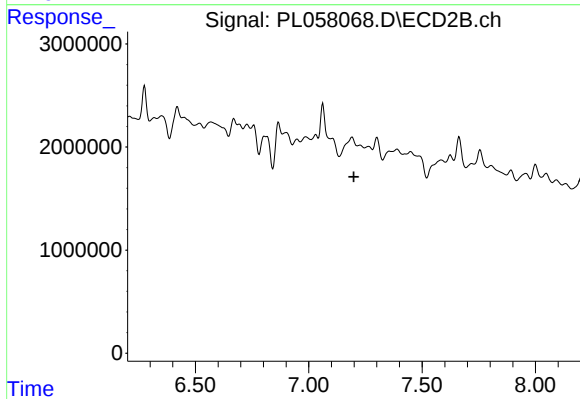
#18 Endrin aldehyde

R.T.: 6.987 min  
Delta R.T.: 0.010 min  
Response: 715364  
Conc: 0.32 ng/ml



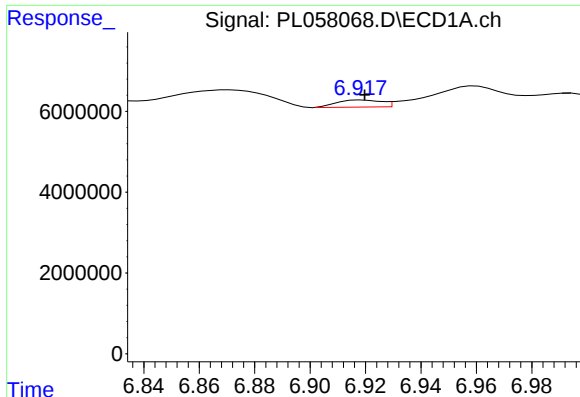
#19 Endosulfan Sulfate

R.T.: 6.659 min  
Delta R.T.: -0.004 min  
Response: 11464202  
Conc: 1.13 ng/ml



#19 Endosulfan Sulfate

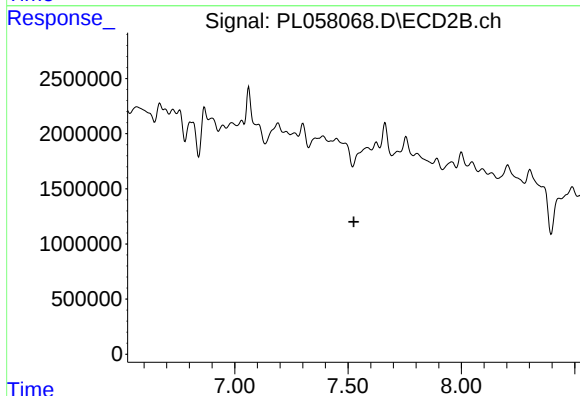
R.T.: 7.191 min  
Delta R.T.: -0.008 min  
Response: -1301482  
Conc: N.D.



#20 Methoxychlor

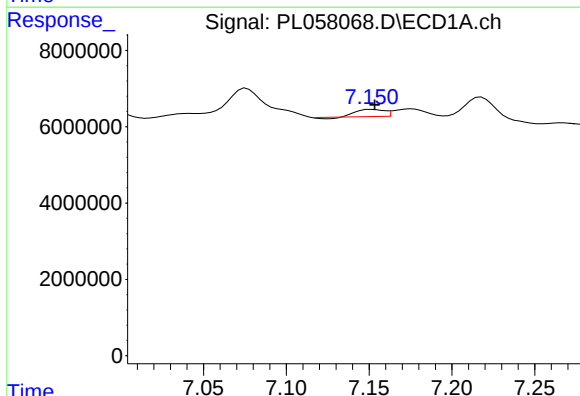
R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 1938820  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



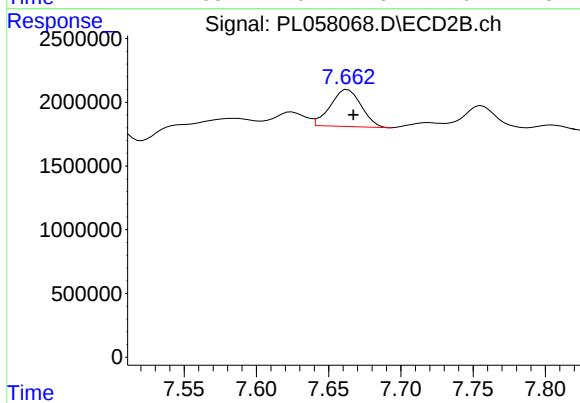
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.525 min  
Response: 0  
Conc: N.D.



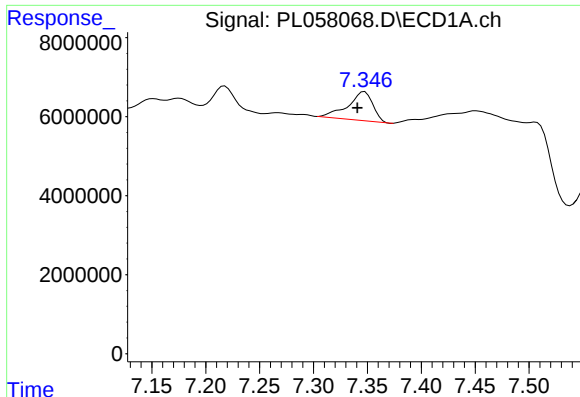
#21 Endrin ketone

R.T.: 7.152 min  
Delta R.T.: -0.001 min  
Response: 2053398  
Conc: 0.18 ng/ml



#21 Endrin ketone

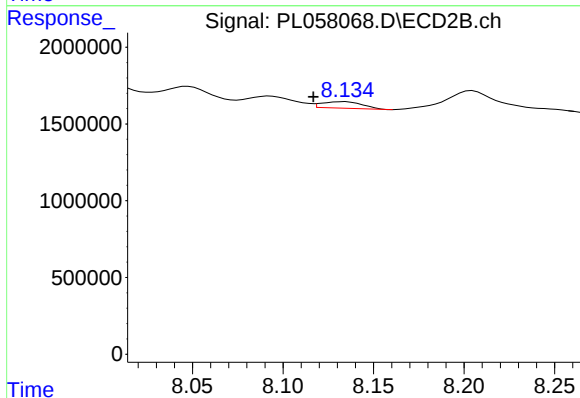
R.T.: 7.663 min  
Delta R.T.: -0.004 min  
Response: 4327633  
Conc: 1.75 ng/ml



#22 Mirex

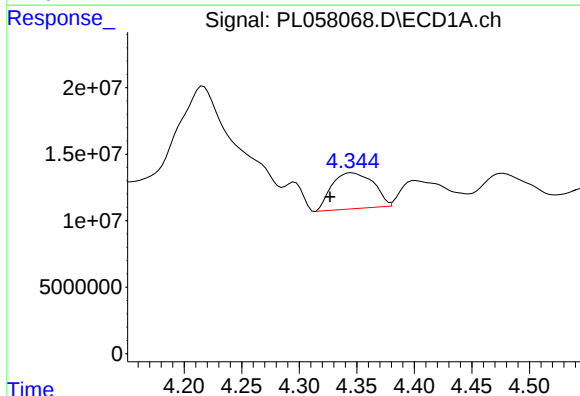
R.T.: 7.347 min  
Delta R.T.: 0.007 min  
Response: 11855948  
Conc: 1.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



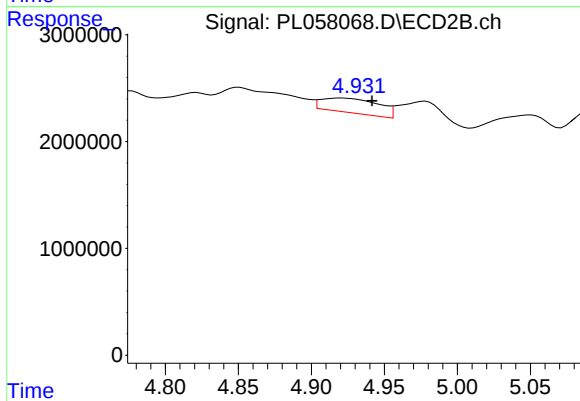
#22 Mirex

R.T.: 8.135 min  
Delta R.T.: 0.018 min  
Response: 462721  
Conc: 0.25 ng/ml



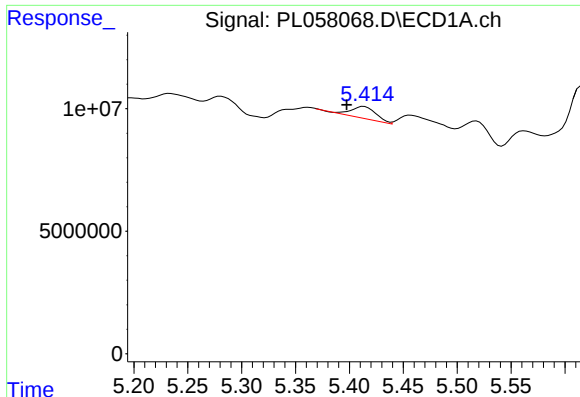
#23 Chlordane-1

R.T.: 4.346 min  
Delta R.T.: 0.019 min  
Response: 68298296  
Conc: 184.66 ng/ml



#23 Chlordane-1

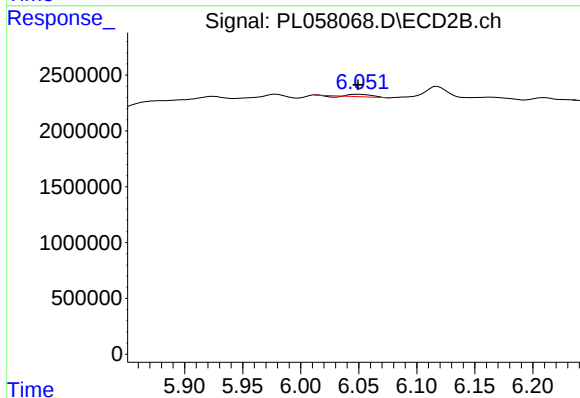
R.T.: 4.920 min  
Delta R.T.: -0.021 min  
Response: 3688849  
Conc: 41.83 ng/ml



#25 Chlordane-3

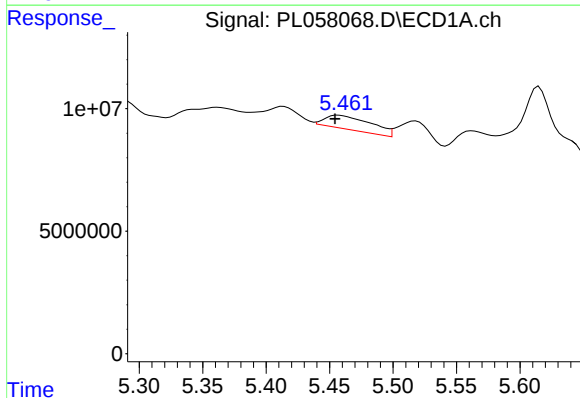
R.T.: 5.414 min  
Delta R.T.: 0.016 min  
Response: 8428027  
Conc: 6.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



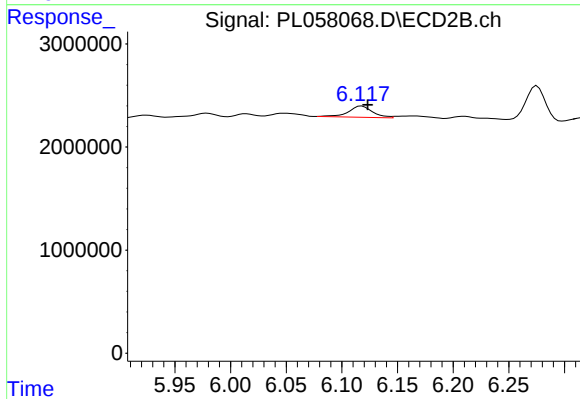
#25 Chlordane-3

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 215293  
Conc: 0.50 ng/ml



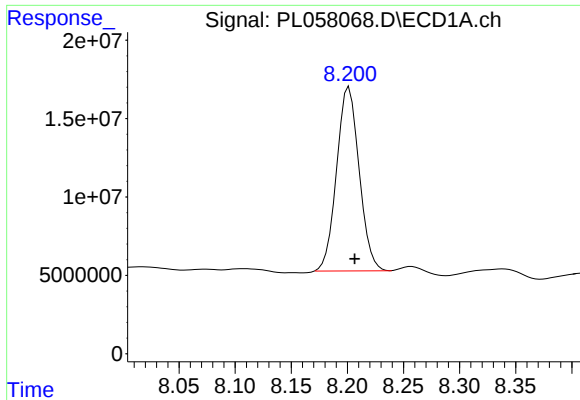
#26 Chlordane-4

R.T.: 5.457 min  
Delta R.T.: 0.002 min  
Response: 14481616  
Conc: 13.92 ng/ml



#26 Chlordane-4

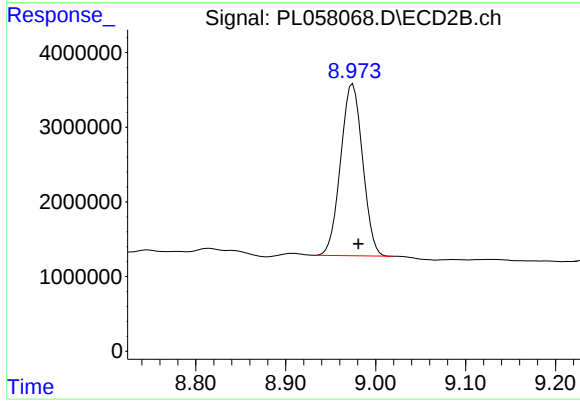
R.T.: 6.118 min  
Delta R.T.: -0.005 min  
Response: 1646927  
Conc: 3.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: -0.005 min  
Response: 163886150  
Conc: 15.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BG-4



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.006 min  
Response: 39087041  
Conc: 17.50 ng/ml