

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041320\  
 Data File : PL057919.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Apr 2020 22:34  
 Operator : AJ\MA  
 Sample : L2195-01  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 14 01:09:54 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... | 3.457  | 3.956  | 223.7E6  | 48227512 | 22.189 | 22.223   |
| 28)                         | SA Decachlor... | 8.203  | 8.978  | 183.5E6  | 39793202 | 17.800 | 17.814   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.901  | 0.000  | 10588440 | 0        | 0.610  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.470  | 5.102f | 2469182  | 8959754  | 0.154  | 2.670 #  |
| 5)                          | MB Aldrin       | 4.719  | 0.000  | 32549984 | 0        | 2.211  | N.D. #   |
| 6)                          | B beta-BHC      | 4.435  | 4.776f | 1858075  | 858253   | 0.294  | 0.618 #  |
| 7)                          | B delta-BHC     | 4.640  | 5.024  | 23689852 | 5194511  | 1.561  | 4.019 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.802  | 0        | 6096945  | N.D.   | 2.258 #  |
| 9)                          | A Endosulfan I  | 5.530f | 0.000  | 20325636 | 0        | 1.658  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.395  | 6.041  | 2083282  | 5741722  | 0.153  | 1.772 #  |
| 11)                         | B alpha-Chl...  | 5.452  | 6.119  | 14778150 | 3964467  | 1.110  | 1.212    |
| 12)                         | B 4,4'-DDE      | 5.617  | 6.275  | 7079042  | 1937421  | 0.540  | 0.654    |
| 13)                         | MA Dieldrin     | 5.748  | 6.410f | 19811956 | 555424   | 1.523  | 0.182 #  |
| 14)                         | MA Endrin       | 6.001  | 6.633  | 9170230  | 831607   | 0.786  | 0.333 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.870f | 0        | 1259172  | N.D.   | 0.485 #  |
| 16)                         | A 4,4'-DDD      | 6.131  | 6.770  | 5896979  | 4105052  | 0.590  | 1.799 #  |
| 17)                         | MA 4,4'-DDT     | 6.371  | 7.063  | 54311653 | 12043599 | 5.351  | 5.407    |
| 18)                         | B Endrin al...  | 6.449  | 6.991  | 22930173 | 896652   | 2.453  | 0.404 #  |
| 19)                         | B Endosulfa...  | 6.684f | 7.208  | 1648580  | 1207733  | 0.162  | 0.509 #  |
| 20)                         | A Methoxychlor  | 6.933  | 7.525  | 8204026  | 1091188  | 1.488  | 0.858 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.666  | 0        | 2772948  | N.D.   | 1.122 #  |
| 22)                         | Mirex           | 7.340  | 8.096f | 1423506  | 927681   | 0.174  | 0.505 #  |
| 25)                         | Chlordane-3     | 5.395  | 6.041  | 2083282  | 5741722  | 1.704  | 13.270 # |
| 26)                         | Chlordane-4     | 5.452  | 6.119  | 14778150 | 3964467  | 14.207 | 7.552 #  |
| -----                       |                 |        |        |          |          |        |          |

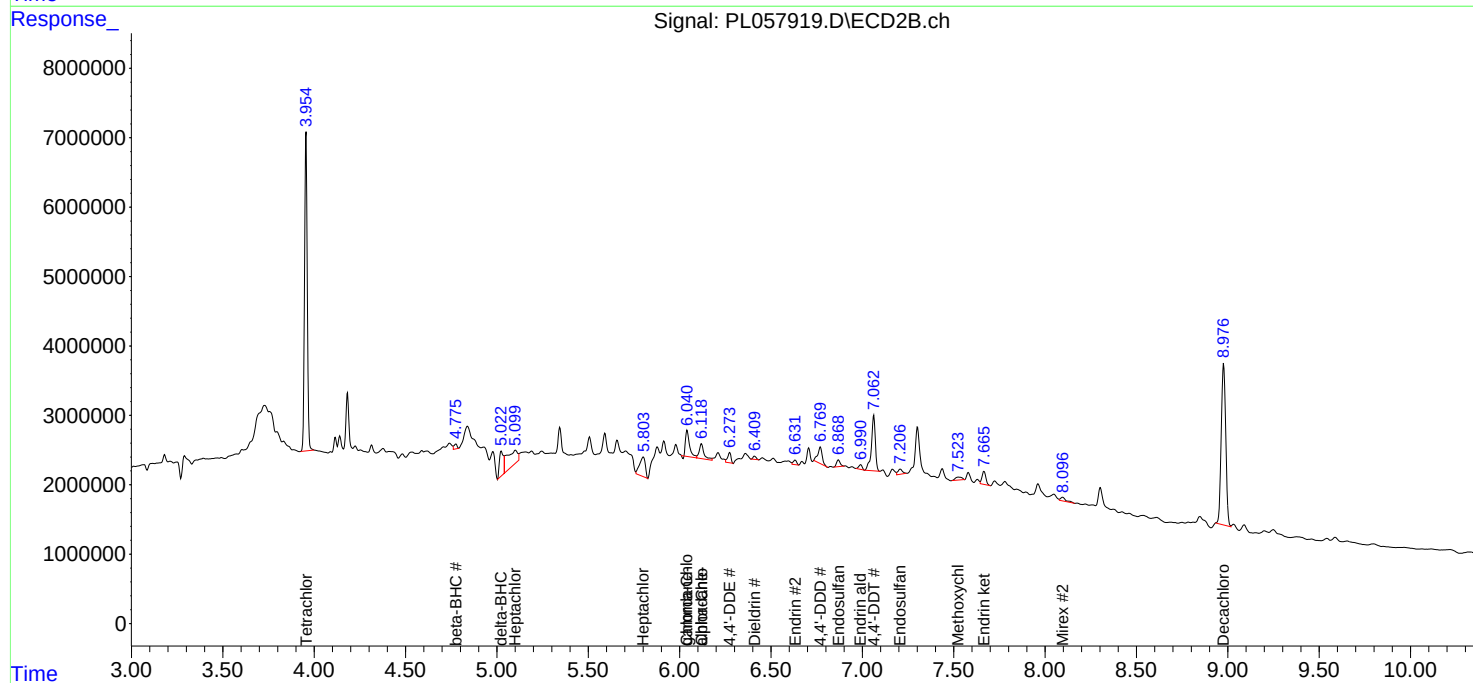
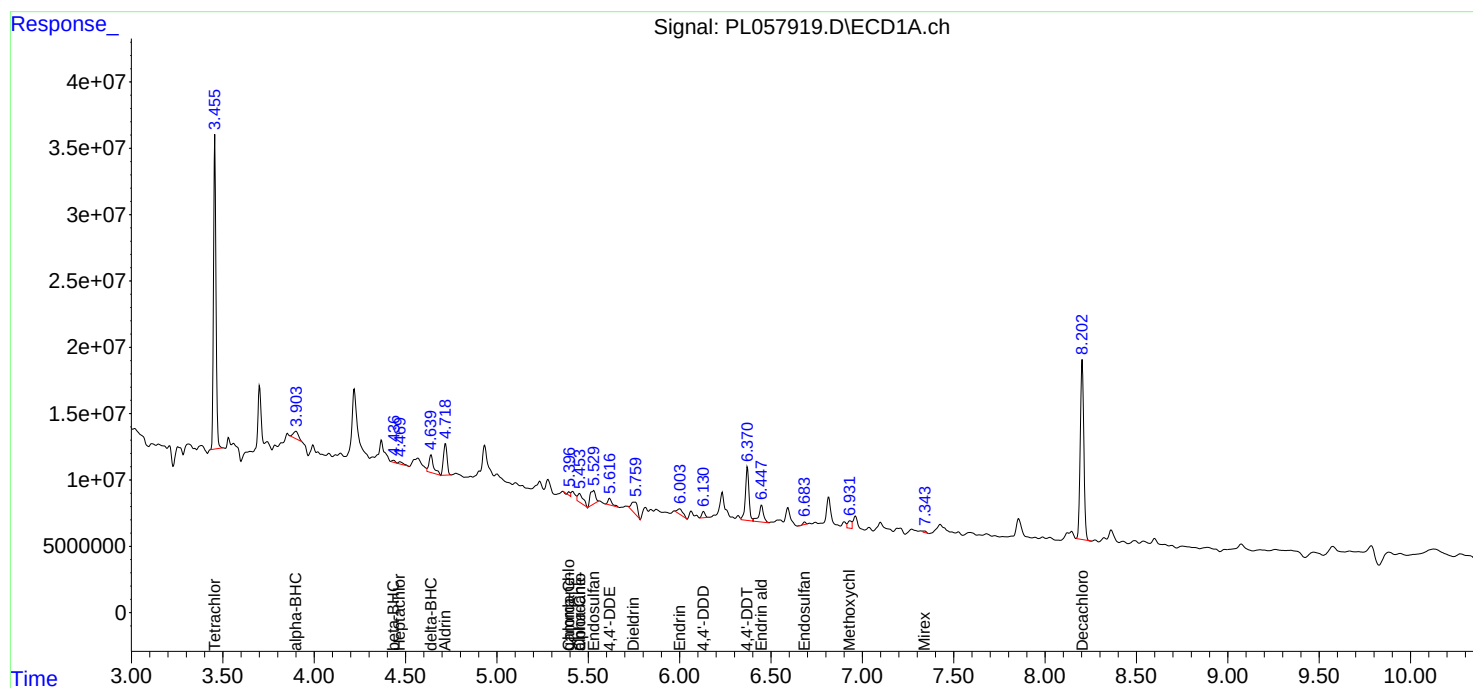
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

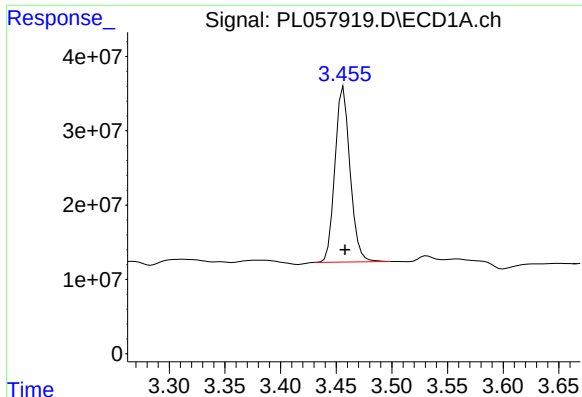
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041320\  
Data File : PL057919.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Apr 2020 22:34  
Operator : AJ\MA  
Sample : L2195-01  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 14 01:09:54 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

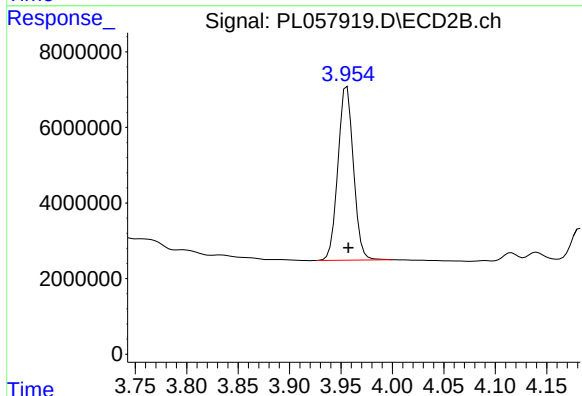




#1 Tetrachloro-m-xylene

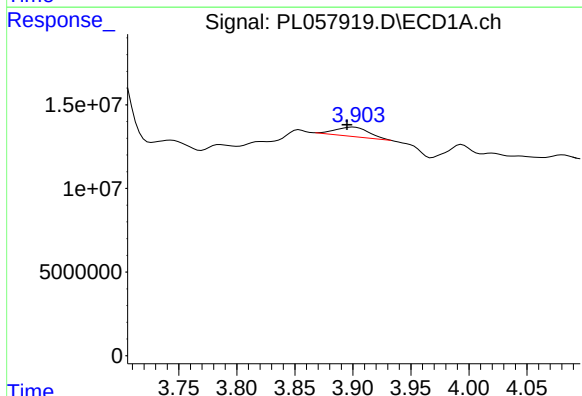
R.T.: 3.457 min  
Delta R.T.: -0.001 min  
Response: 223686841  
Conc: 22.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



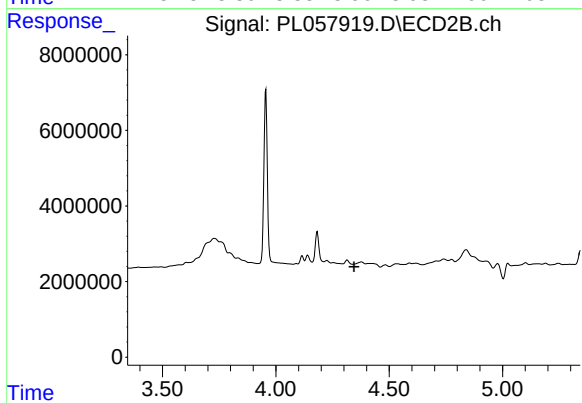
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 48227512  
Conc: 22.22 ng/ml



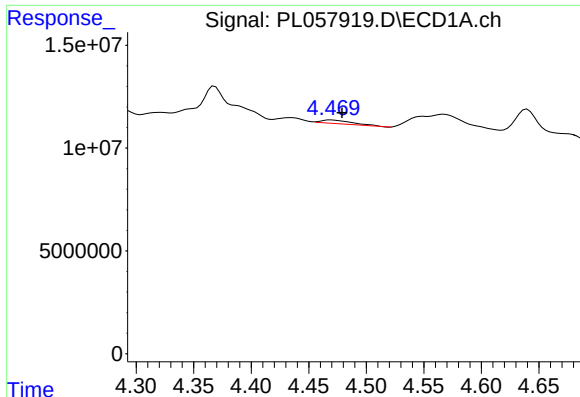
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.006 min  
Response: 10588440  
Conc: 0.61 ng/ml



#2 alpha-BHC

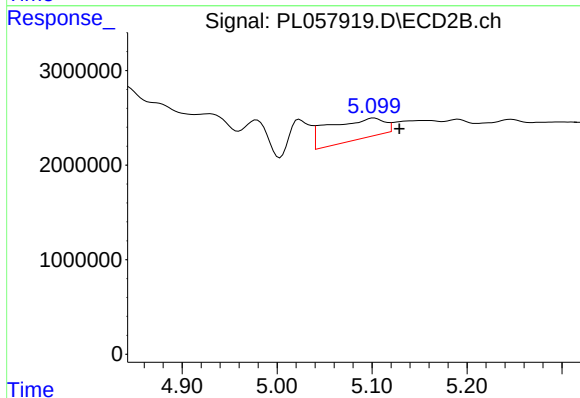
R.T.: 0.000 min  
Exp R.T.: 4.345 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

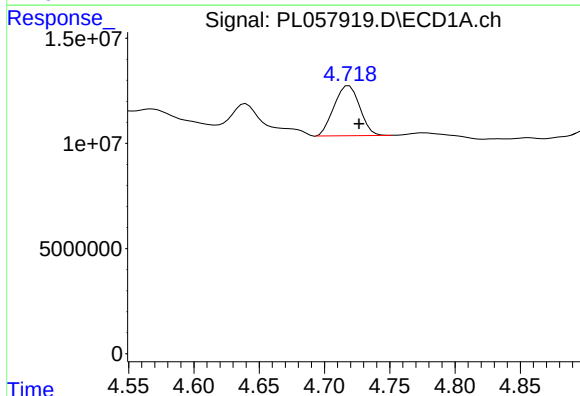
R.T.: 4.470 min  
Delta R.T.: -0.009 min  
Response: 2469182  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



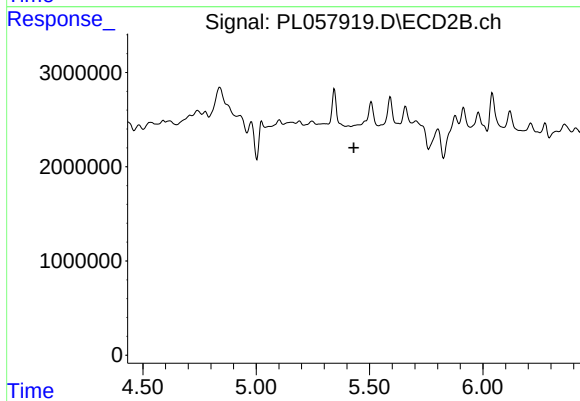
#4 Heptachlor

R.T.: 5.102 min  
Delta R.T.: -0.027 min  
Response: 8959754  
Conc: 2.67 ng/ml



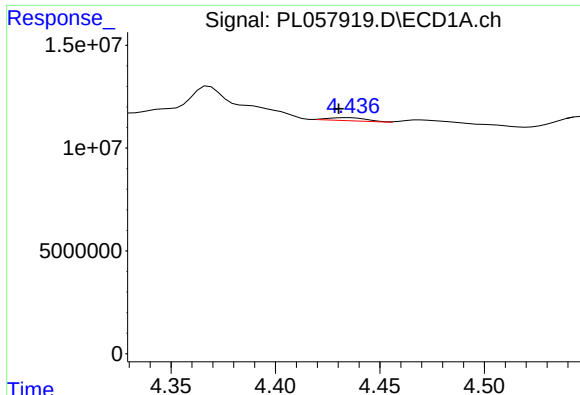
#5 Aldrin

R.T.: 4.719 min  
Delta R.T.: -0.008 min  
Response: 32549984  
Conc: 2.21 ng/ml



#5 Aldrin

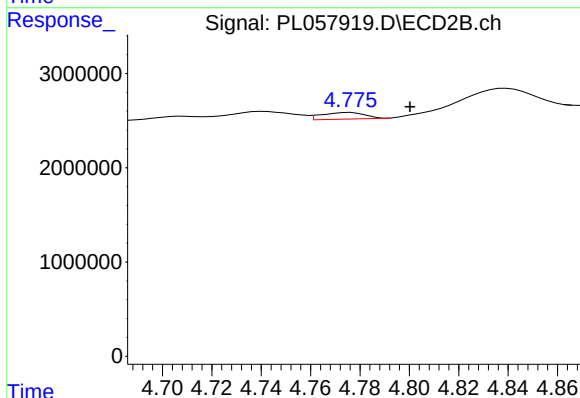
R.T.: 0.000 min  
Exp R.T.: 5.431 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

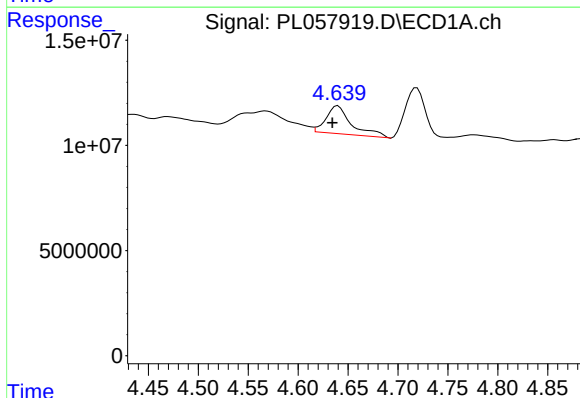
R.T.: 4.435 min  
Delta R.T.: 0.004 min  
Response: 1858075  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



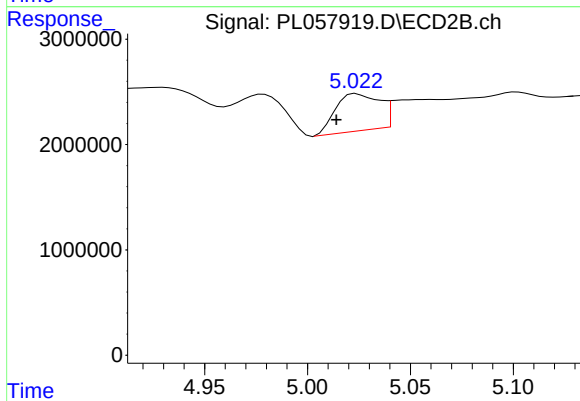
#6 beta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.024 min  
Response: 858253  
Conc: 0.62 ng/ml



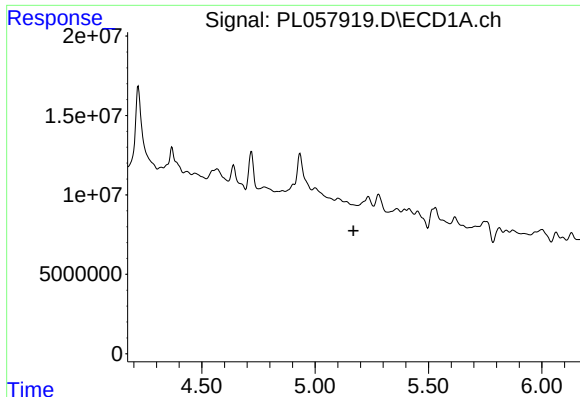
#7 delta-BHC

R.T.: 4.640 min  
Delta R.T.: 0.006 min  
Response: 23689852  
Conc: 1.56 ng/ml



#7 delta-BHC

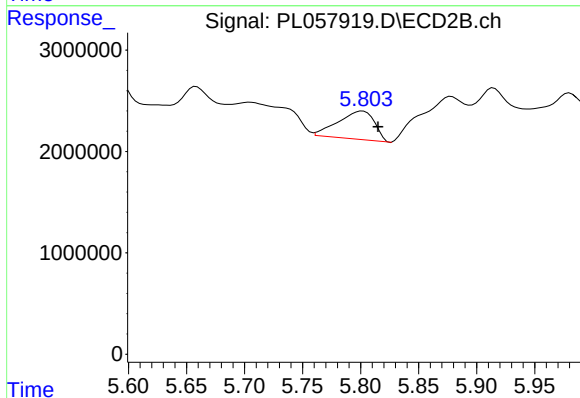
R.T.: 5.024 min  
Delta R.T.: 0.010 min  
Response: 5194511  
Conc: 4.02 ng/ml



#8 Heptachlor epoxide

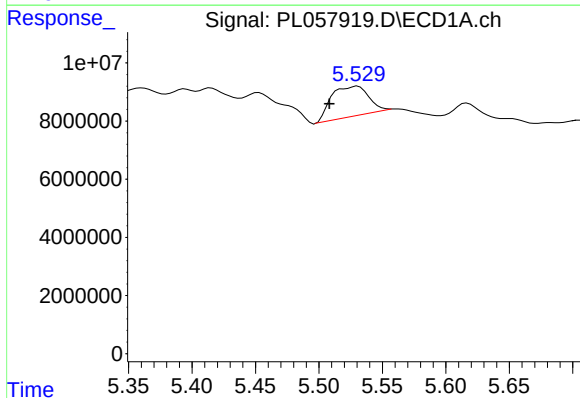
R.T.: 0.000 min  
Exp R.T.: 5.169 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



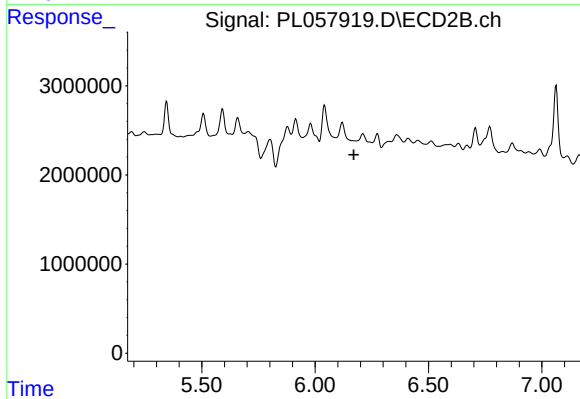
#8 Heptachlor epoxide

R.T.: 5.802 min  
Delta R.T.: -0.013 min  
Response: 6096945  
Conc: 2.26 ng/ml



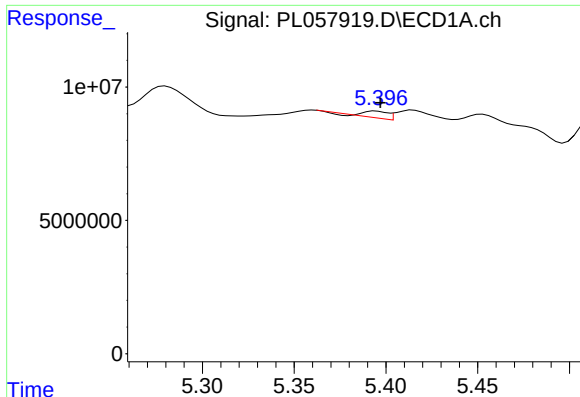
#9 Endosulfan I

R.T.: 5.530 min  
Delta R.T.: 0.022 min  
Response: 20325636  
Conc: 1.66 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.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 2083282  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :

#10 gamma-Chlordane

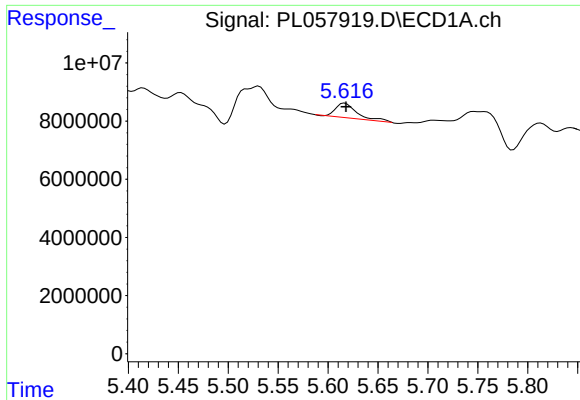
R.T.: 6.041 min  
Delta R.T.: -0.008 min  
Response: 5741722  
Conc: 1.77 ng/ml

#11 alpha-Chlordane

R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 14778150  
Conc: 1.11 ng/ml

#11 alpha-Chlordane

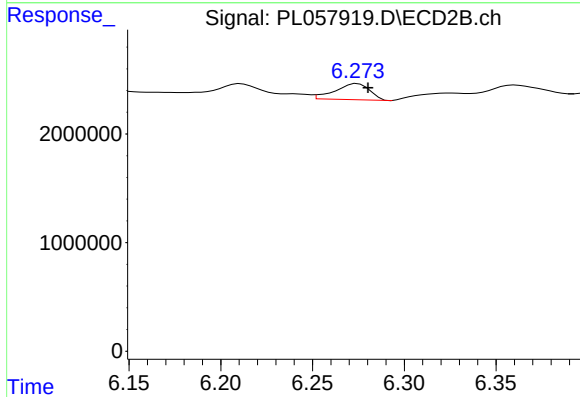
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 3964467  
Conc: 1.21 ng/ml



#12 4,4'-DDE

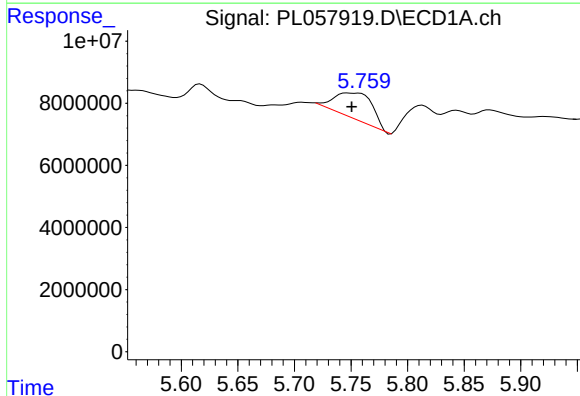
R.T.: 5.617 min  
Delta R.T.: -0.001 min  
Response: 7079042  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



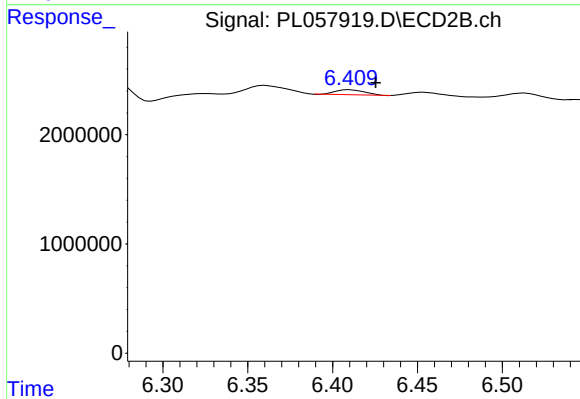
#12 4,4'-DDE

R.T.: 6.275 min  
Delta R.T.: -0.006 min  
Response: 1937421  
Conc: 0.65 ng/ml



#13 Dieldrin

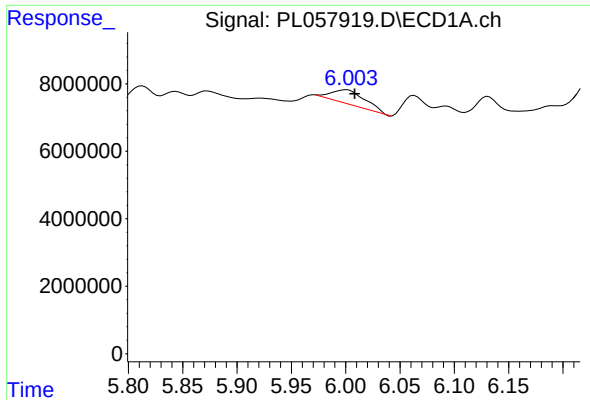
R.T.: 5.748 min  
Delta R.T.: -0.003 min  
Response: 19811956  
Conc: 1.52 ng/ml



#13 Dieldrin

R.T.: 6.410 min  
Delta R.T.: -0.015 min  
Response: 555424  
Conc: 0.18 ng/ml

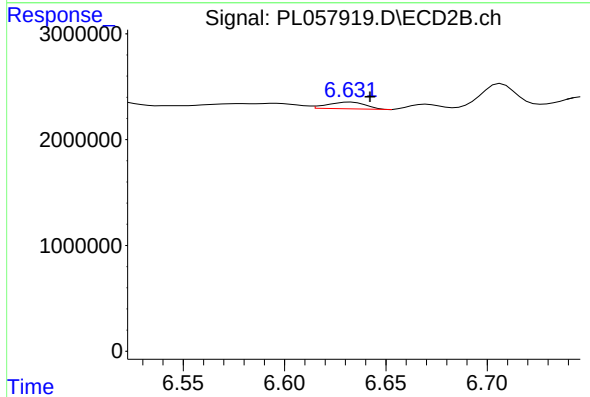




#14 Endrin

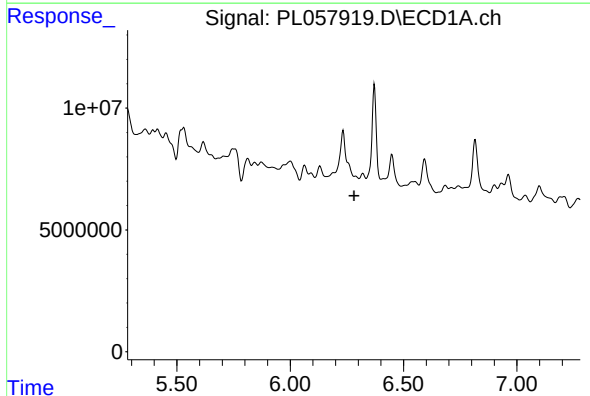
R.T.: 6.001 min  
Delta R.T.: -0.008 min  
Response: 9170230  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



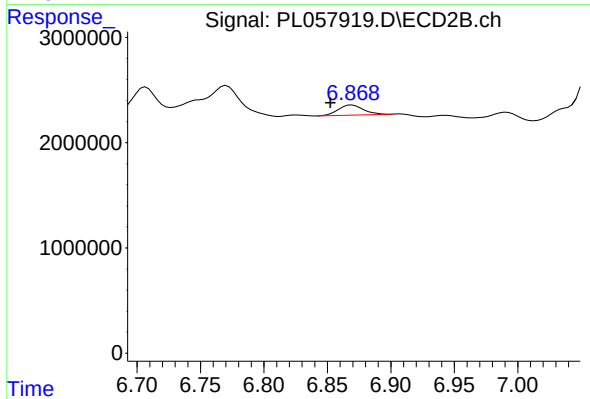
#14 Endrin

R.T.: 6.633 min  
Delta R.T.: -0.010 min  
Response: 831607  
Conc: 0.33 ng/ml



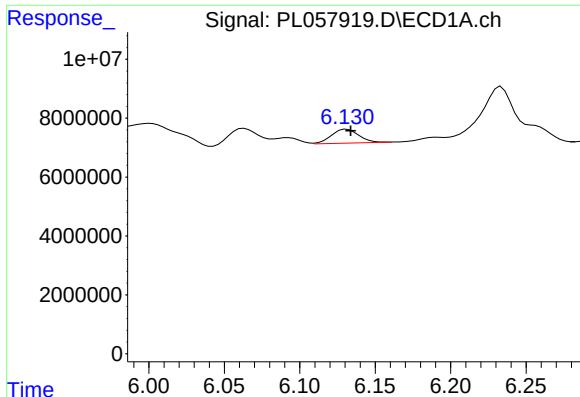
#15 Endosulfan II

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



#15 Endosulfan II

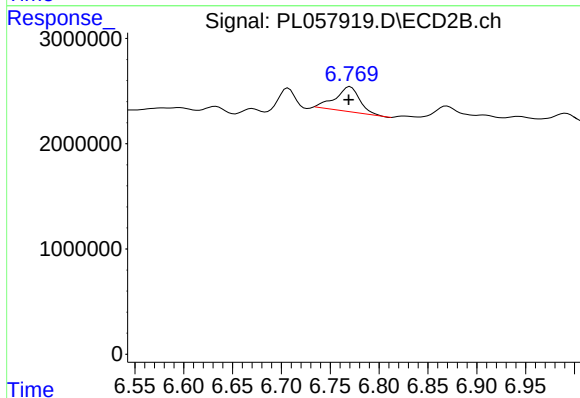
R.T.: 6.870 min  
Delta R.T.: 0.017 min  
Response: 1259172  
Conc: 0.49 ng/ml



#16 4,4'-DDD

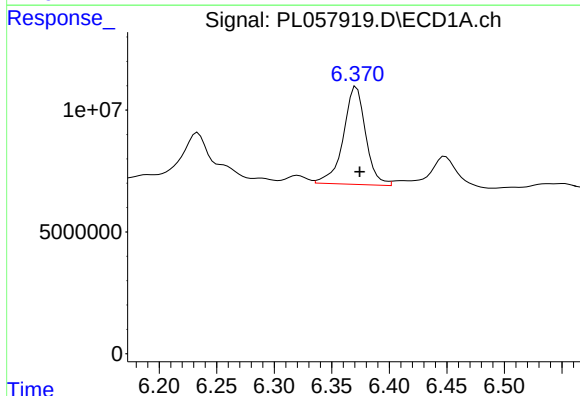
R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 5896979  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



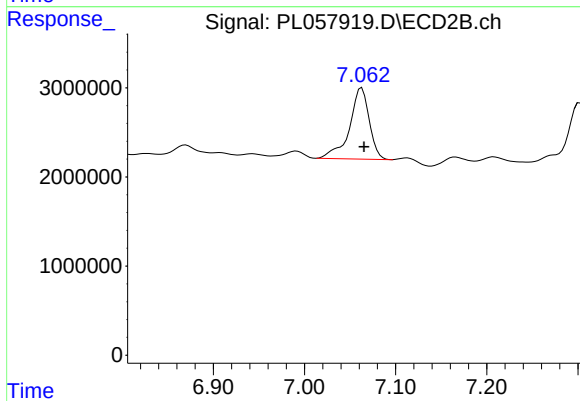
#16 4,4'-DDD

R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 4105052  
Conc: 1.80 ng/ml



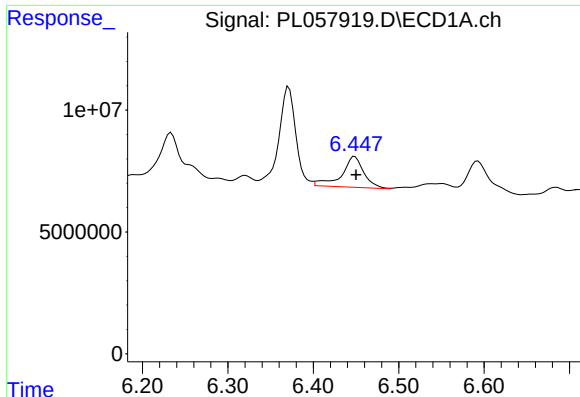
#17 4,4'-DDT

R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 54311653  
Conc: 5.35 ng/ml



#17 4,4'-DDT

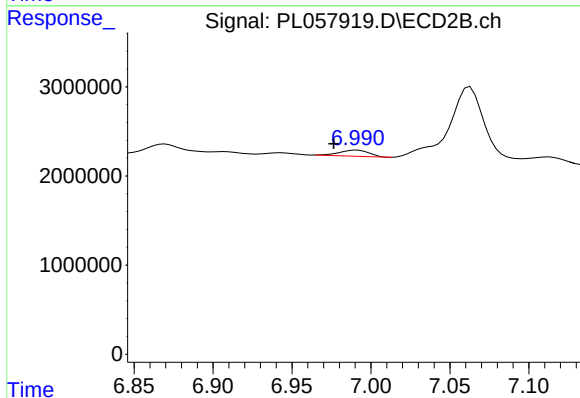
R.T.: 7.063 min  
Delta R.T.: -0.003 min  
Response: 12043599  
Conc: 5.41 ng/ml



#18 Endrin aldehyde

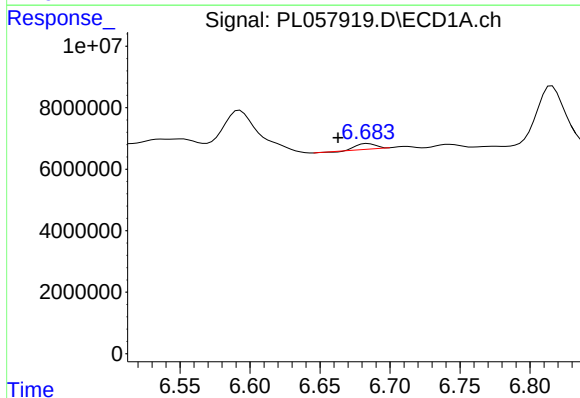
R.T.: 6.449 min  
Delta R.T.: -0.001 min  
Response: 22930173  
Conc: 2.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



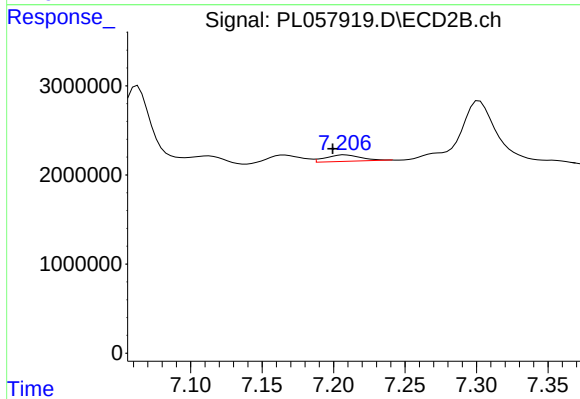
#18 Endrin aldehyde

R.T.: 6.991 min  
Delta R.T.: 0.015 min  
Response: 896652  
Conc: 0.40 ng/ml



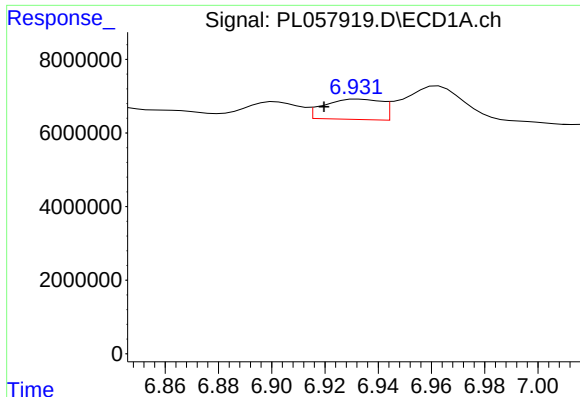
#19 Endosulfan Sulfate

R.T.: 6.684 min  
Delta R.T.: 0.021 min  
Response: 1648580  
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

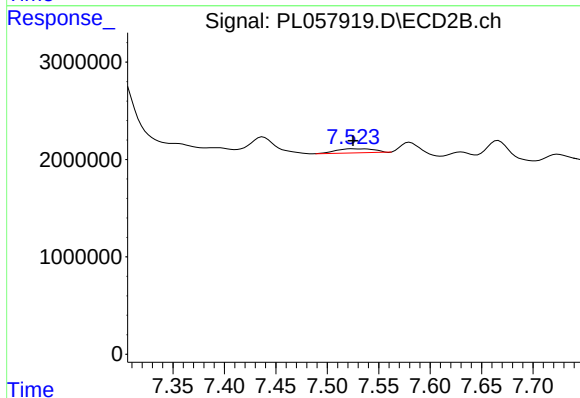
R.T.: 7.208 min  
Delta R.T.: 0.009 min  
Response: 1207733  
Conc: 0.51 ng/ml



#20 Methoxychlor

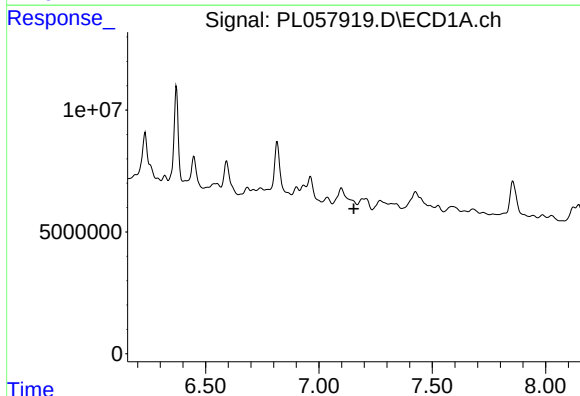
R.T.: 6.933 min  
Delta R.T.: 0.013 min  
Response: 8204026  
Conc: 1.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



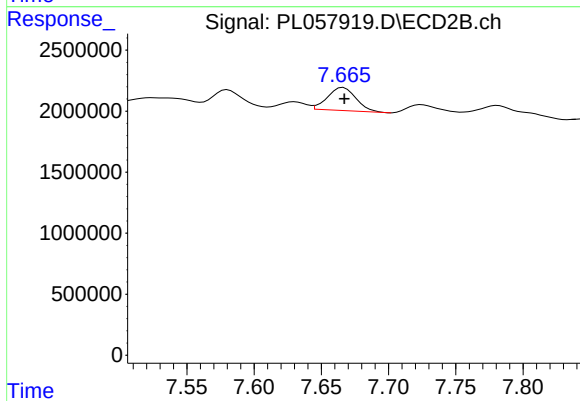
#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 1091188  
Conc: 0.86 ng/ml



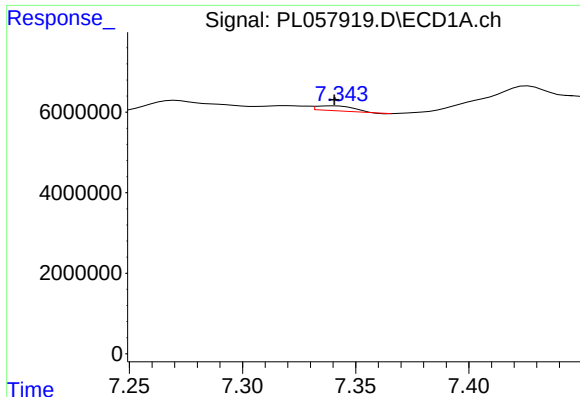
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.153 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

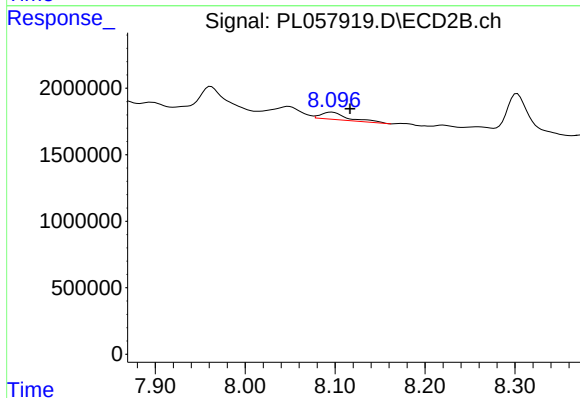
R.T.: 7.666 min  
Delta R.T.: 0.000 min  
Response: 2772948  
Conc: 1.12 ng/ml



#22 Mirex

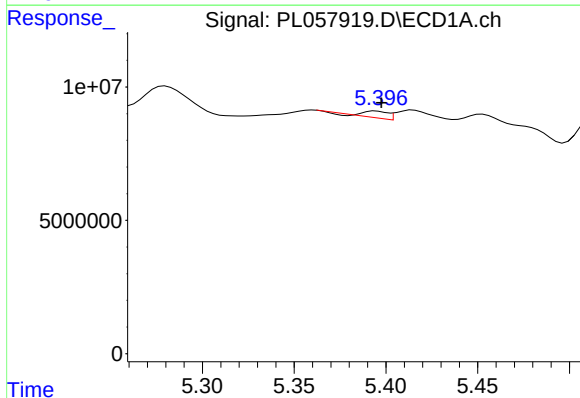
R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 1423506  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



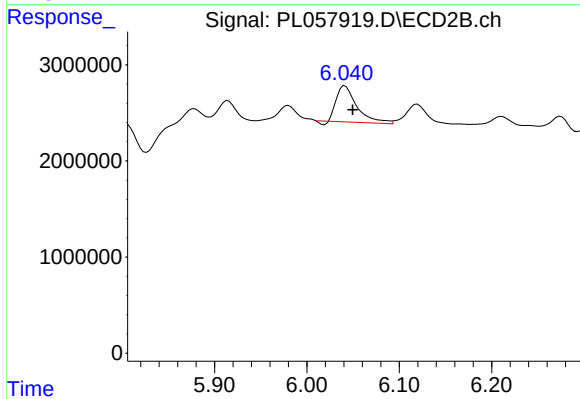
#22 Mirex

R.T.: 8.096 min  
Delta R.T.: -0.020 min  
Response: 927681  
Conc: 0.50 ng/ml



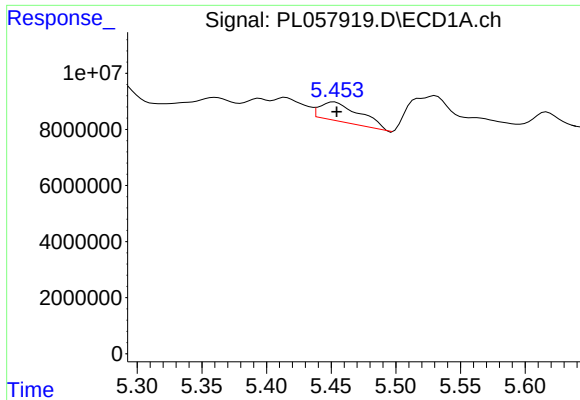
#25 Chlordane-3

R.T.: 5.395 min  
Delta R.T.: -0.003 min  
Response: 2083282  
Conc: 1.70 ng/ml



#25 Chlordane-3

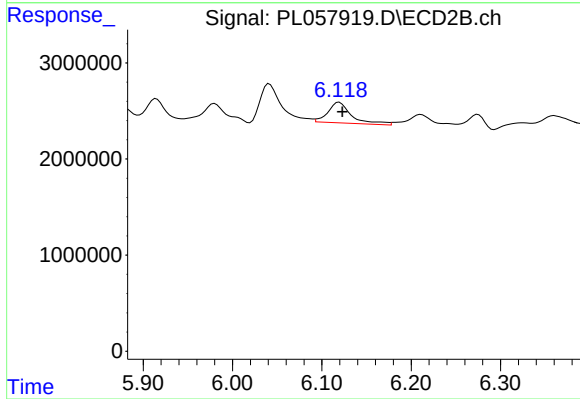
R.T.: 6.041 min  
Delta R.T.: -0.008 min  
Response: 5741722  
Conc: 13.27 ng/ml



#26 Chlordane-4

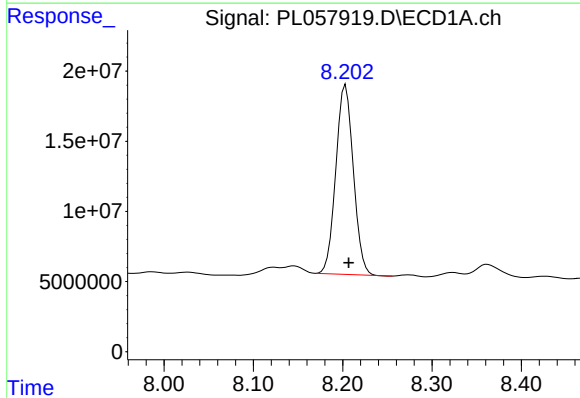
R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 14778150  
Conc: 14.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



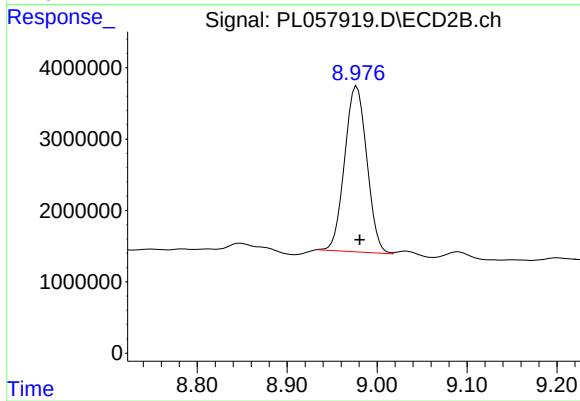
#26 Chlordane-4

R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 3964467  
Conc: 7.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: -0.003 min  
Response: 183486966  
Conc: 17.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.003 min  
Response: 39793202  
Conc: 17.81 ng/ml