

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062520\  
 Data File : PL059499.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2020 13:38  
 Operator : AJ\MA  
 Sample : L3101-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EBS8-S-02A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 16:59:05 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  | 4.070  | 40277362 | 52871035 | 22.412 | 20.485   |
| 2)                          | SA Decachlor... | 8.287  | 9.182  | 17108929 | 41169284 | 10.047 | 17.981 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.968  | 4.492f | 1166547  | 850896   | 0.452  | 0.250 #  |
| 3)                          | MA gamma-BHC... | 4.246  | 4.747  | 195266   | 1760844  | 0.086  | 0.563 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.259  | 0        | 22355139 | N.D.   | 6.902 #  |
| 5)                          | MB Aldrin       | 4.809  | 5.593f | 381011   | 979776   | 0.214  | 0.318 #  |
| 6)                          | B beta-BHC      | 4.506  | 4.900f | 1837735  | 2493910  | 1.930  | 1.834    |
| 7)                          | B delta-BHC     | 4.714  | 0.000  | 72943    | 0        | 0.036  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.232  | 5.940f | 553659   | 8445259  | 0.368  | 3.365 #  |
| 9)                          | A Endosulfan I  | 5.603f | 6.297f | 997519   | 356472   | 0.678  | 0.131 #  |
| 10)                         | B gamma-Chl...  | 5.466  | 6.199  | 354215   | 449789   | 0.231  | 0.154 #  |
| 11)                         | B alpha-Chl...  | 5.539  | 6.267  | 664263   | 1819924  | 0.427  | 0.618 #  |
| 12)                         | B 4,4'-DDE      | 5.708  | 6.424  | 330102   | 1210946  | 0.227  | 0.448 #  |
| 13)                         | MA Dieldrin     | 5.825  | 6.561f | 583261   | 4189187  | 0.370  | 1.488 #  |
| 14)                         | MA Endrin       | 0.000  | 6.817f | 0        | 2021588  | N.D.   | 0.818 #  |
| 15)                         | B Endosulfa...  | 6.348  | 7.008  | 1858620  | 5385104  | 1.204  | 2.124 #  |
| 16)                         | A 4,4'-DDD      | 6.213  | 6.916  | -385830  | 4309191  | N.D.   | 1.937    |
| 17)                         | MA 4,4'-DDT     | 6.452  | 7.224  | 270444   | 700292   | 0.205  | 0.308 #  |
| 18)                         | B Endrin al...  | 6.502f | 7.101f | 134947   | 4453767  | 0.102  | 2.031 #  |
| 19)                         | B Endosulfa...  | 6.717f | 7.347  | 35019251 | 145.0E6  | 23.065 | 59.913 # |
| 20)                         | A Methoxychlor  | 6.982  | 0.000  | 822313   | 0        | 1.015  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.221  | 7.807f | 2106229  | 4522233  | 1.208  | 1.751 #  |
| 22)                         | Mirex           | 7.408f | 0.000  | 1343343  | 0        | 0.951  | N.D. #   |
| 23)                         | Chlordane-1     | 4.393  | 0.000  | 828726   | 0        | 14.563 | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 5.535  | 0        | 170225   | N.D.   | 1.551 #  |
| 25)                         | Chlordane-3     | 5.466  | 6.199  | 354215   | 449789   | 2.502  | 1.147 #  |
| 26)                         | Chlordane-4     | 5.539  | 6.267  | 664263   | 1819924  | 5.627  | 3.830 #  |
| 27)                         | Chlordane-5     | 6.348f | 7.062f | 1858620  | 3060659  | 33.119 | 35.347   |
| -----                       |                 |        |        |          |          |        |          |

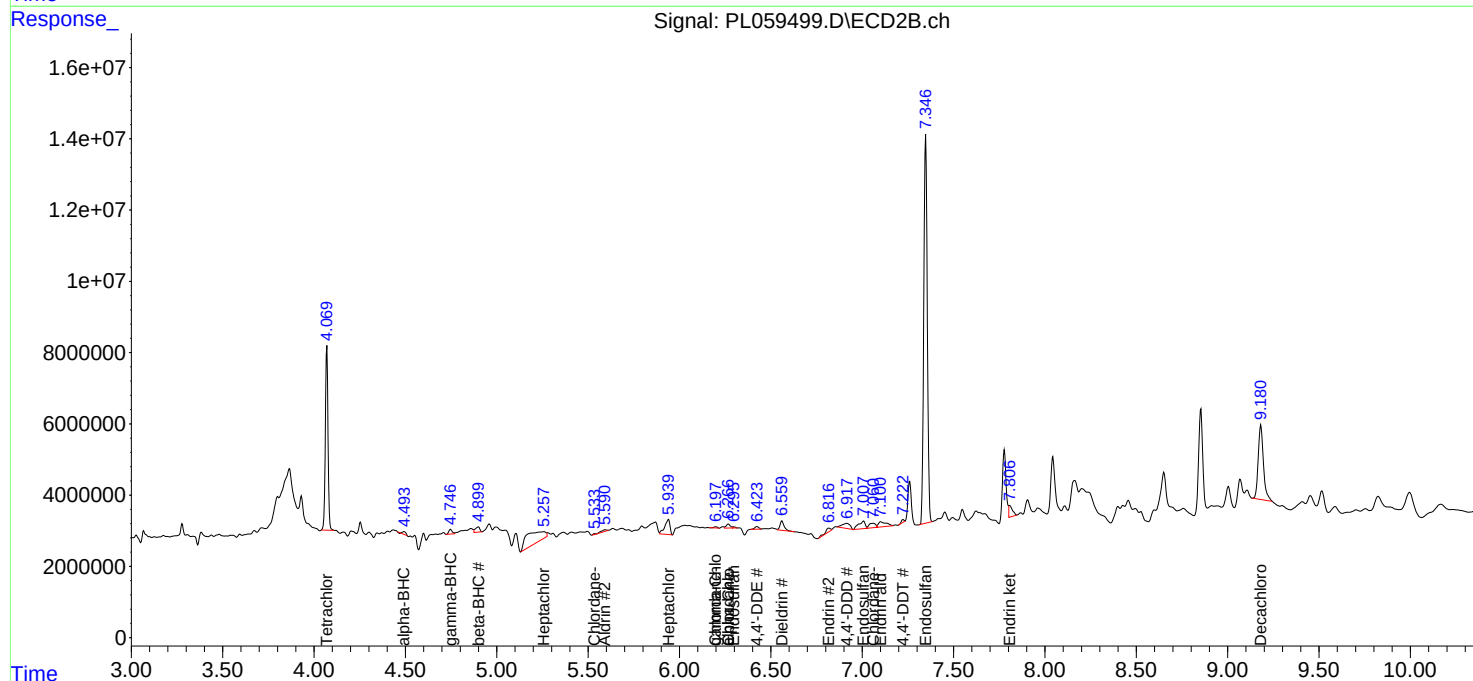
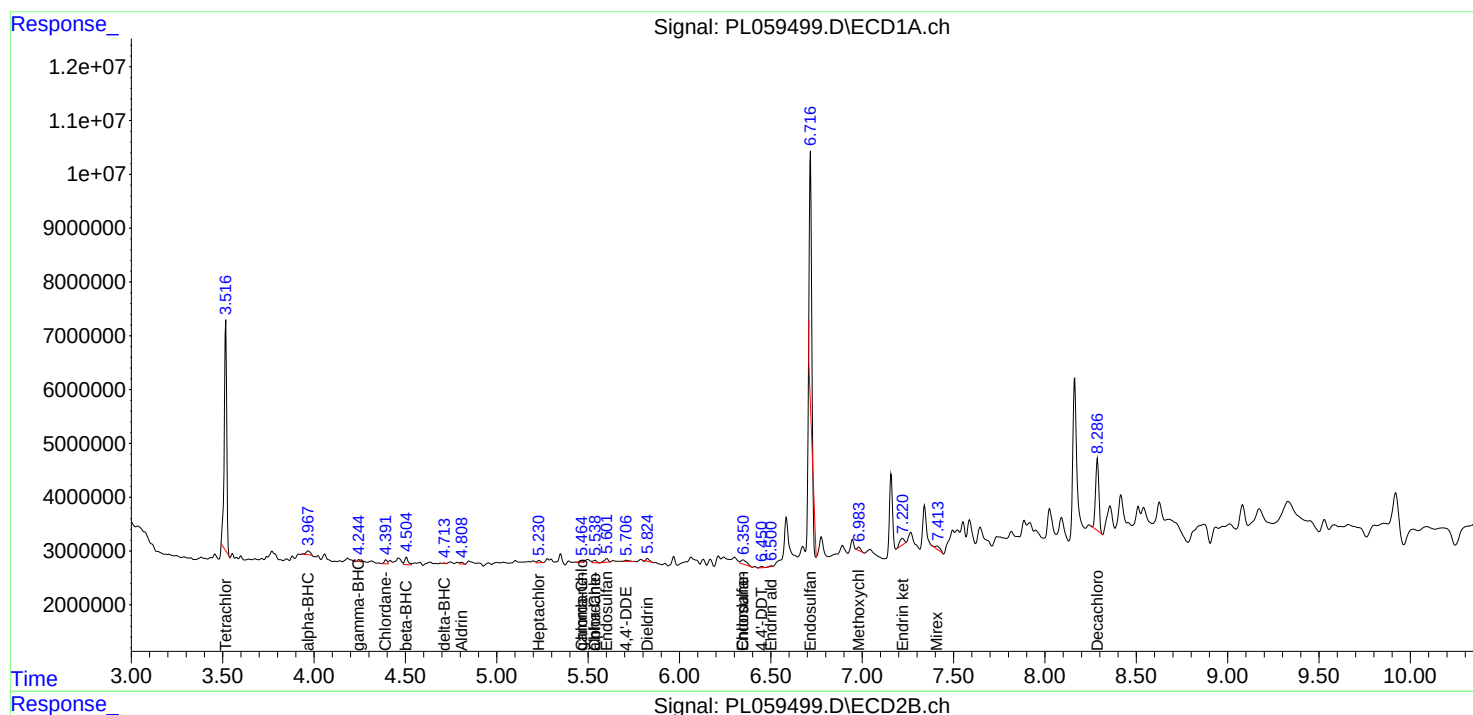
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

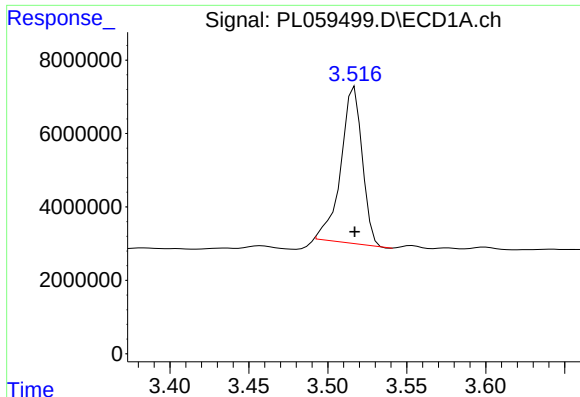
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062520\  
Data File : PL059499.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2020 13:38  
Operator : AJ\MA  
Sample : L3101-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 16:59:05 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

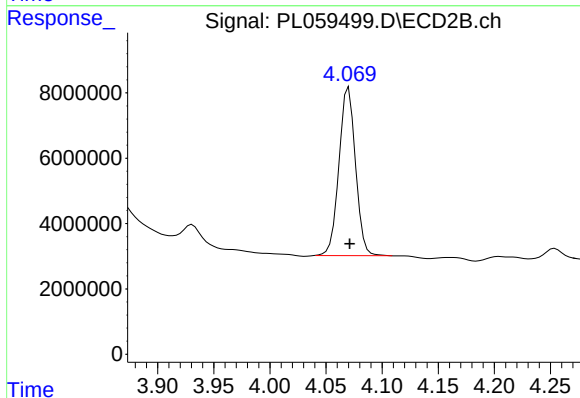




#1 Tetrachloro-m-xylene

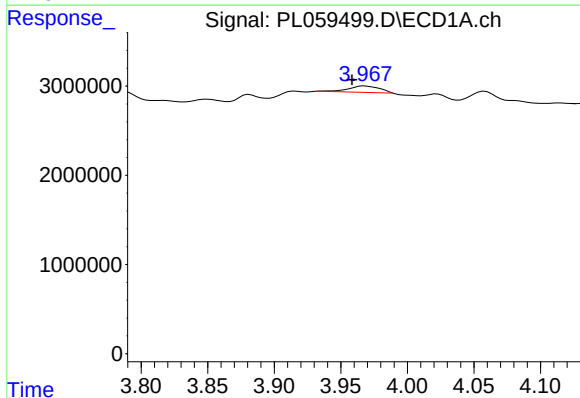
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 40277362  
Conc: 22.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



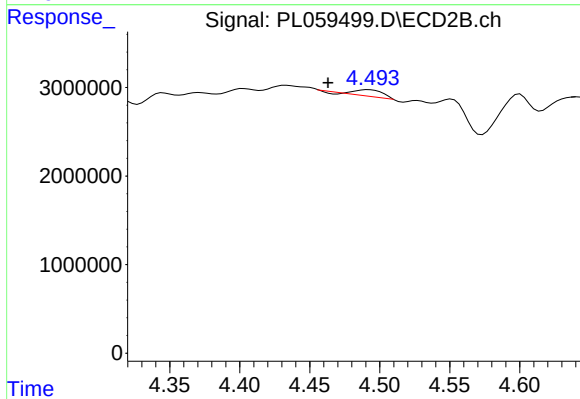
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: -0.001 min  
Response: 52871035  
Conc: 20.48 ng/ml



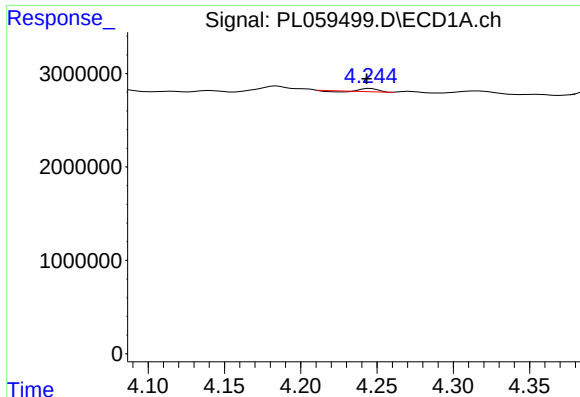
#2 alpha-BHC

R.T.: 3.968 min  
Delta R.T.: 0.010 min  
Response: 1166547  
Conc: 0.45 ng/ml



#2 alpha-BHC

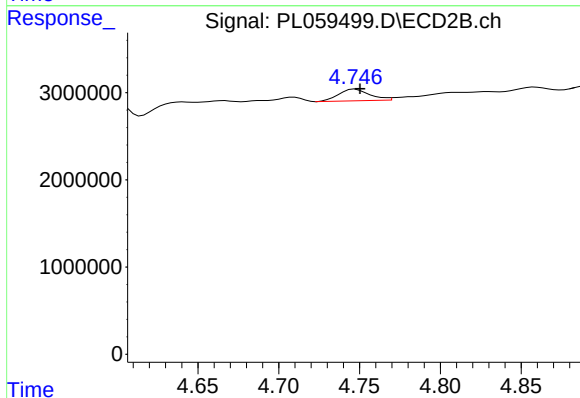
R.T.: 4.492 min  
Delta R.T.: 0.029 min  
Response: 850896  
Conc: 0.25 ng/ml



#3 gamma-BHC (Lindane)

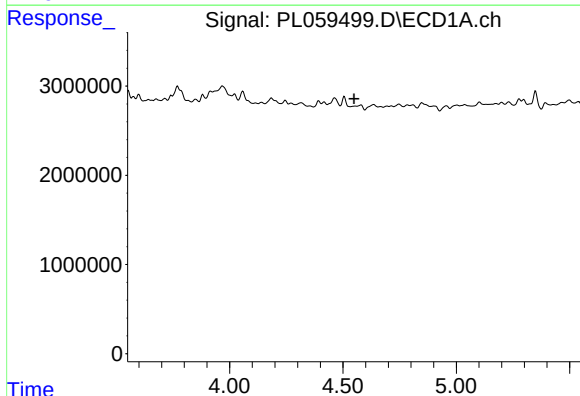
R.T.: 4.246 min  
Delta R.T.: 0.002 min  
Response: 195266  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



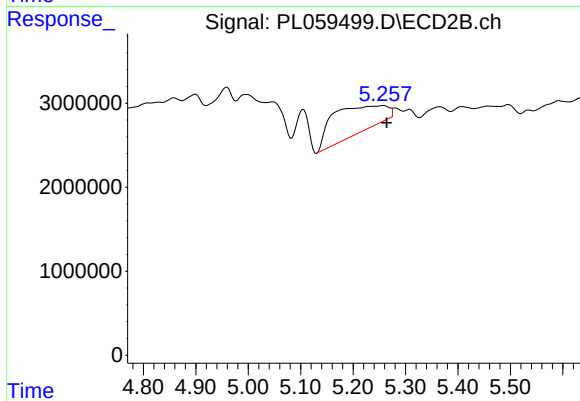
#3 gamma-BHC (Lindane)

R.T.: 4.747 min  
Delta R.T.: -0.003 min  
Response: 1760844  
Conc: 0.56 ng/ml



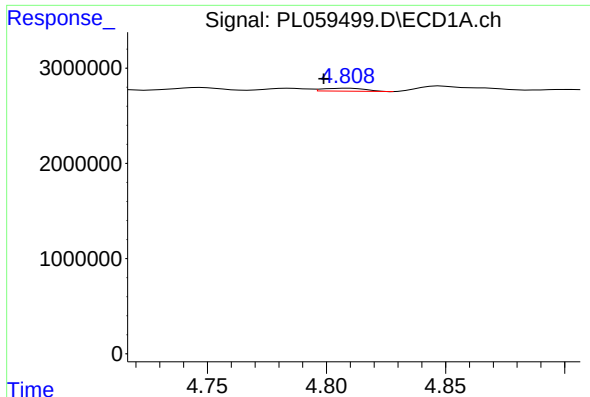
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.549 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

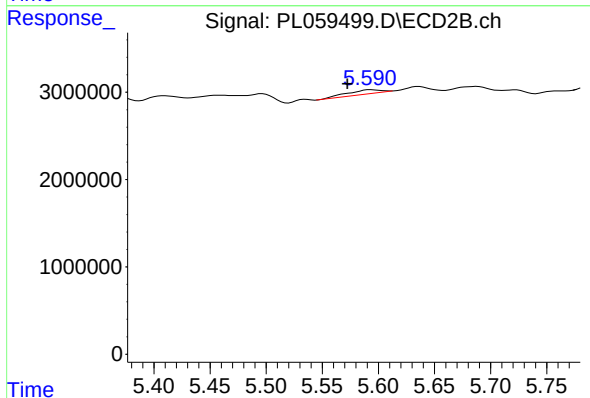
R.T.: 5.259 min  
Delta R.T.: -0.006 min  
Response: 22355139  
Conc: 6.90 ng/ml



#5 Aldrin

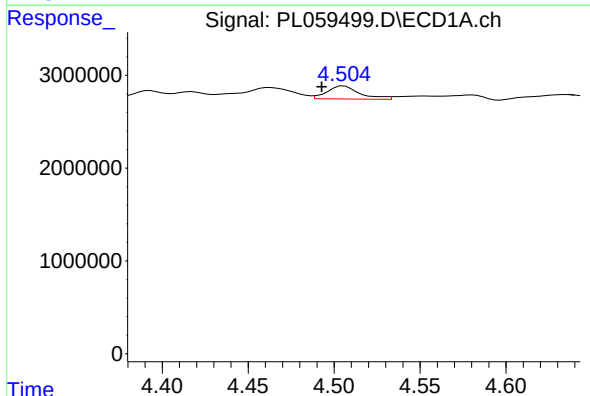
R.T.: 4.809 min  
Delta R.T.: 0.010 min  
Response: 381011  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



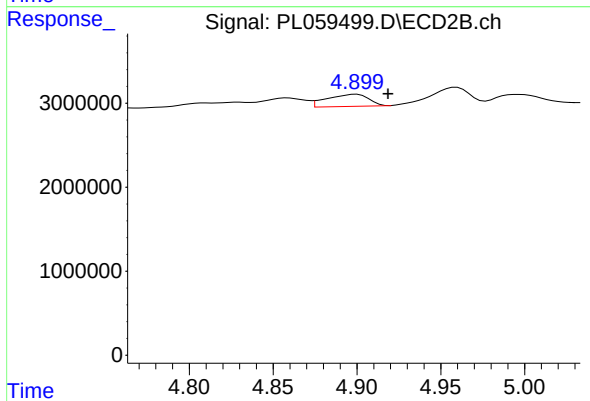
#5 Aldrin

R.T.: 5.593 min  
Delta R.T.: 0.021 min  
Response: 979776  
Conc: 0.32 ng/ml



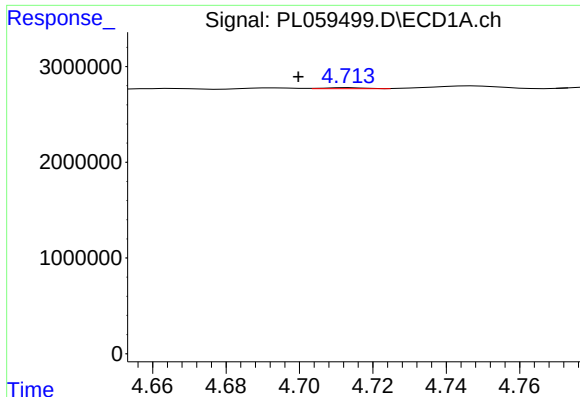
#6 beta-BHC

R.T.: 4.506 min  
Delta R.T.: 0.013 min  
Response: 1837735  
Conc: 1.93 ng/ml



#6 beta-BHC

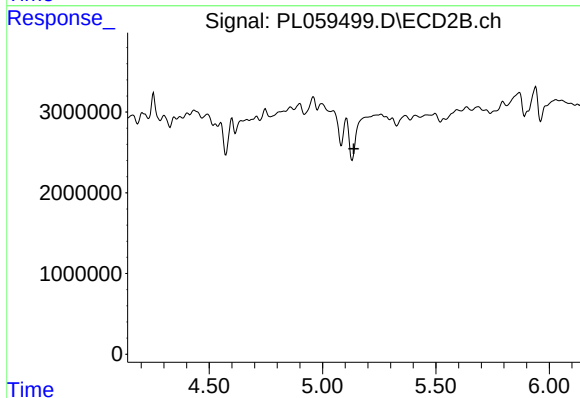
R.T.: 4.900 min  
Delta R.T.: -0.019 min  
Response: 2493910  
Conc: 1.83 ng/ml



#7 delta-BHC

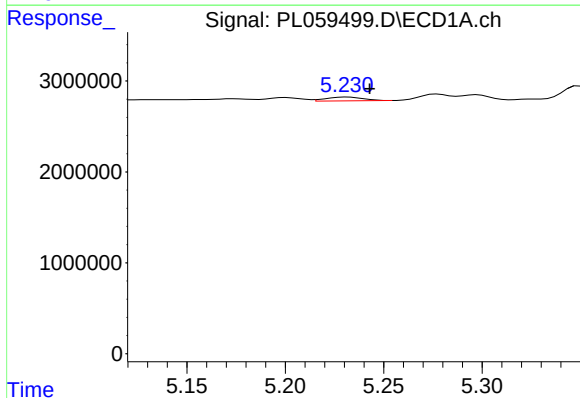
R.T.: 4.714 min  
Delta R.T.: 0.014 min  
Response: 72943  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



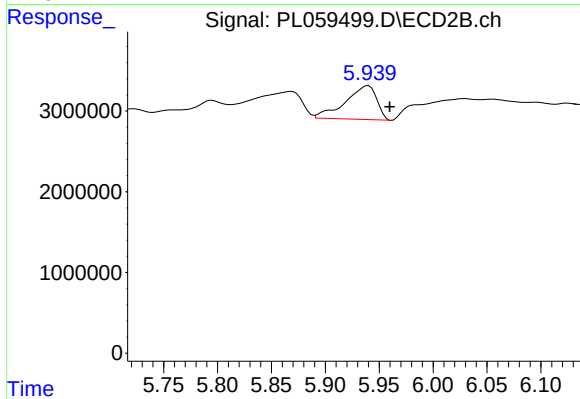
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.138 min  
Response: 0  
Conc: N.D.



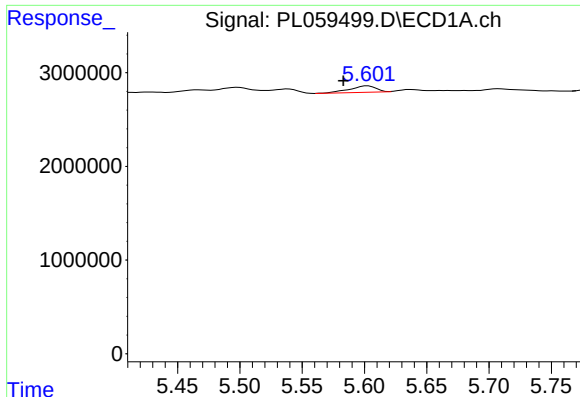
#8 Heptachlor epoxide

R.T.: 5.232 min  
Delta R.T.: -0.011 min  
Response: 553659  
Conc: 0.37 ng/ml



#8 Heptachlor epoxide

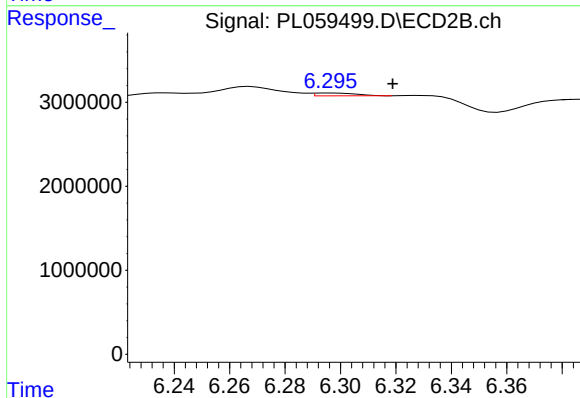
R.T.: 5.940 min  
Delta R.T.: -0.020 min  
Response: 8445259  
Conc: 3.36 ng/ml



#9 Endosulfan I

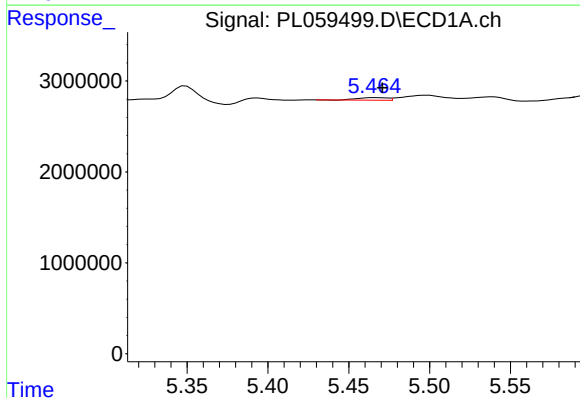
R.T.: 5.603 min  
Delta R.T.: 0.020 min  
Response: 997519  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



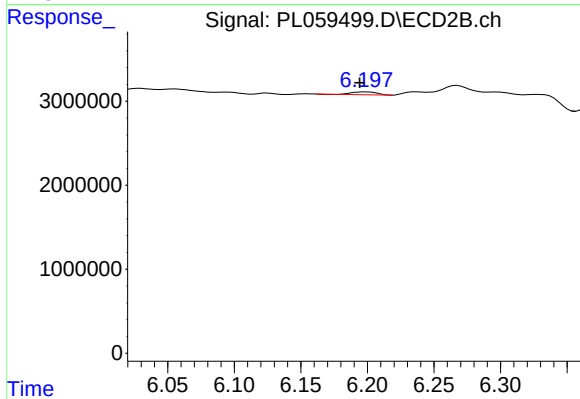
#9 Endosulfan I

R.T.: 6.297 min  
Delta R.T.: -0.022 min  
Response: 356472  
Conc: 0.13 ng/ml



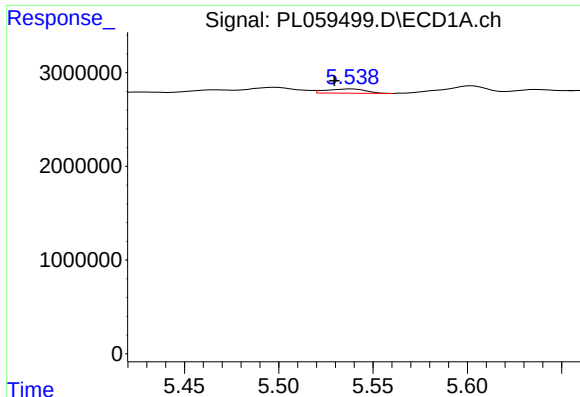
#10 gamma-Chlordane

R.T.: 5.466 min  
Delta R.T.: -0.005 min  
Response: 354215  
Conc: 0.23 ng/ml



#10 gamma-Chlordane

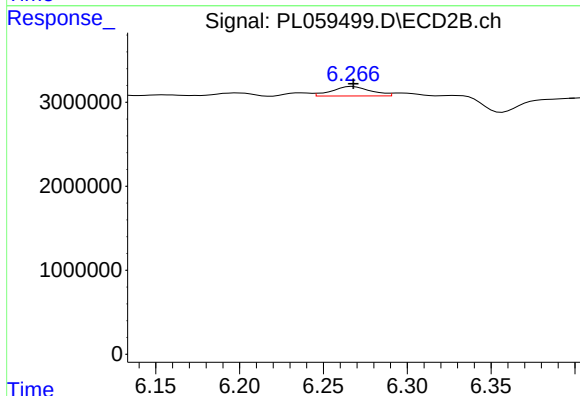
R.T.: 6.199 min  
Delta R.T.: 0.004 min  
Response: 449789  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

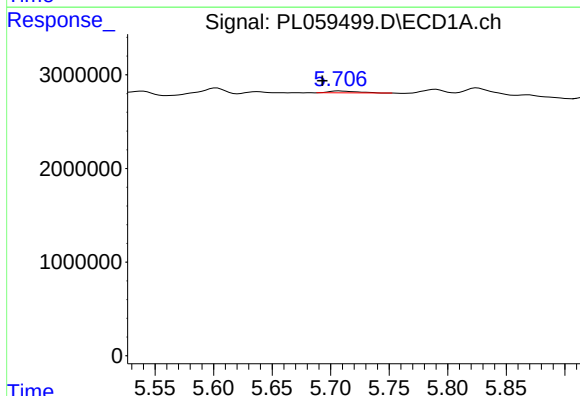
R.T.: 5.539 min  
Delta R.T.: 0.010 min  
Response: 664263  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



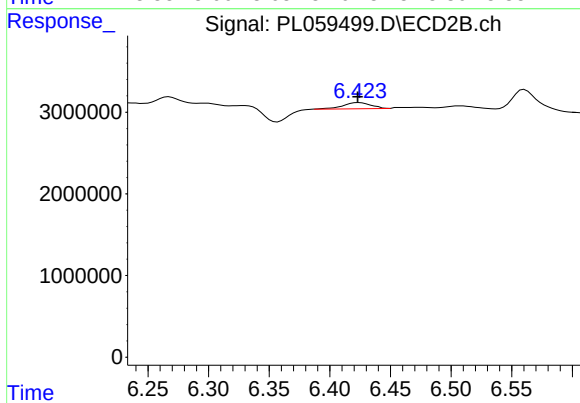
#11 alpha-Chlordane

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 1819924  
Conc: 0.62 ng/ml



#12 4,4'-DDE

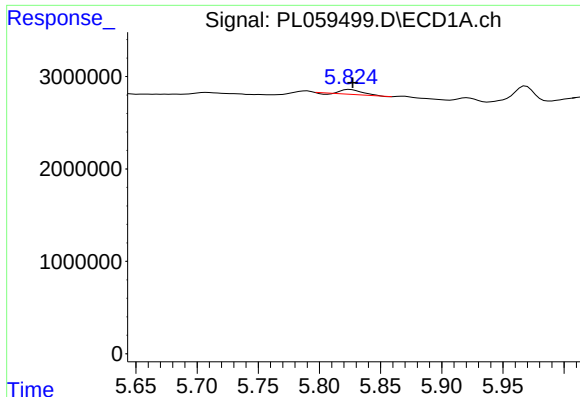
R.T.: 5.708 min  
Delta R.T.: 0.015 min  
Response: 330102  
Conc: 0.23 ng/ml



#12 4,4'-DDE

R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 1210946  
Conc: 0.45 ng/ml

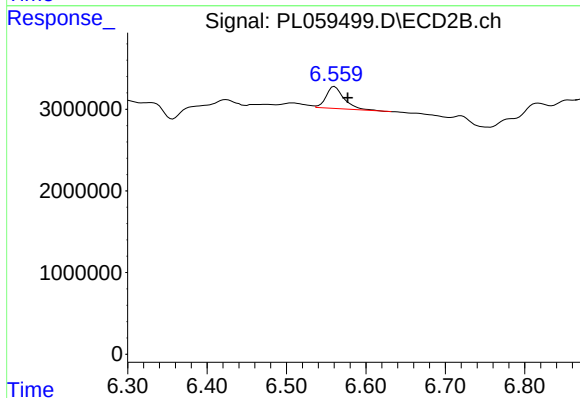




#13 Dieldrin

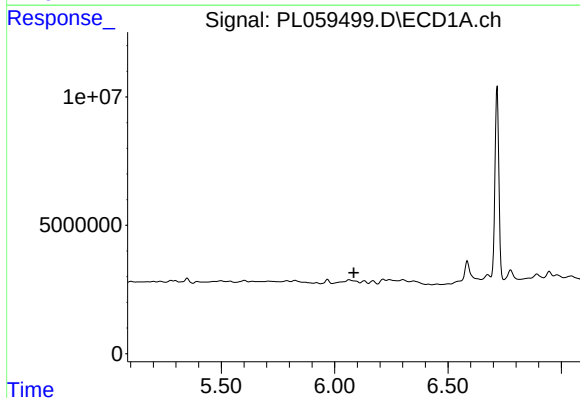
R.T.: 5.825 min  
Delta R.T.: -0.002 min  
Response: 583261  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



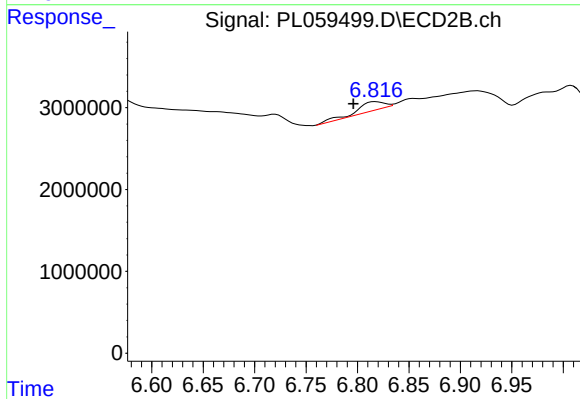
#13 Dieldrin

R.T.: 6.561 min  
Delta R.T.: -0.016 min  
Response: 4189187  
Conc: 1.49 ng/ml



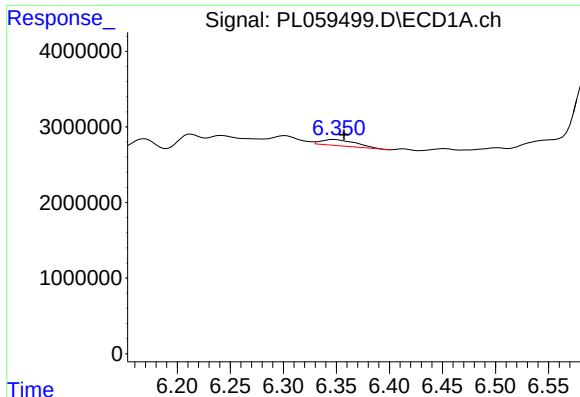
#14 Endrin

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



#14 Endrin

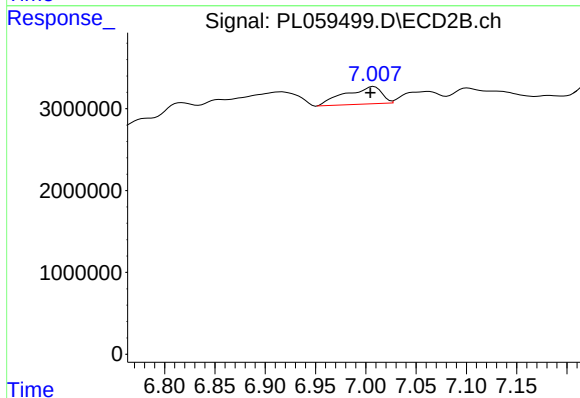
R.T.: 6.817 min  
Delta R.T.: 0.021 min  
Response: 2021588  
Conc: 0.82 ng/ml



#15 Endosulfan II

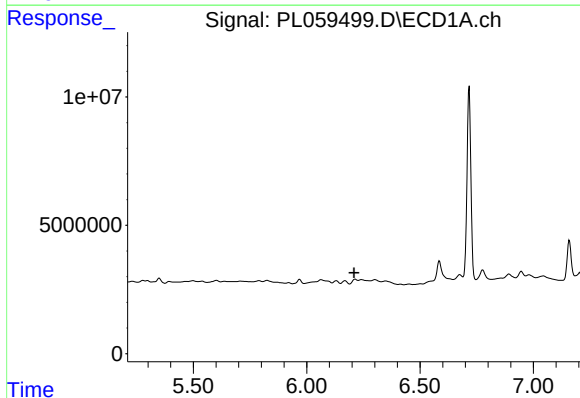
R.T.: 6.348 min  
Delta R.T.: -0.009 min  
Response: 1858620  
Conc: 1.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



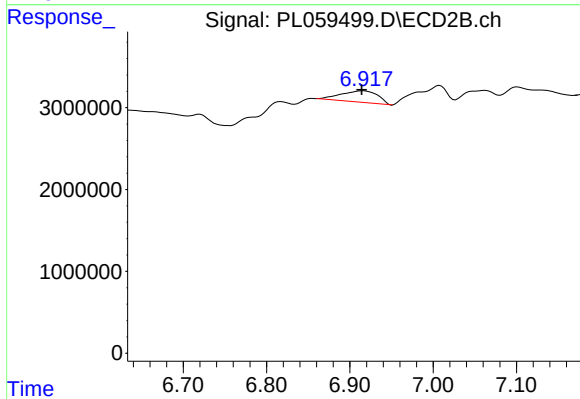
#15 Endosulfan II

R.T.: 7.008 min  
Delta R.T.: 0.003 min  
Response: 5385104  
Conc: 2.12 ng/ml



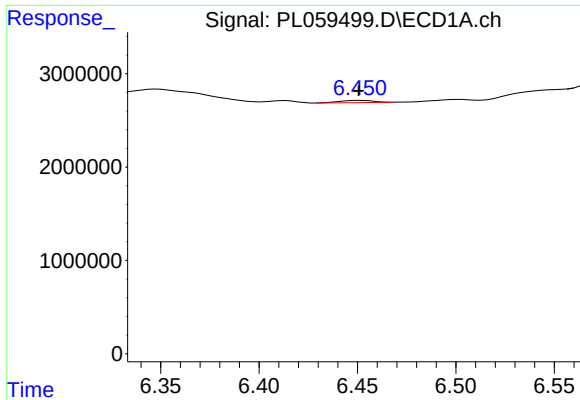
#16 4,4'-DDD

R.T.: 6.213 min  
Delta R.T.: 0.004 min  
Response: -385830  
Conc: N.D.



#16 4,4'-DDD

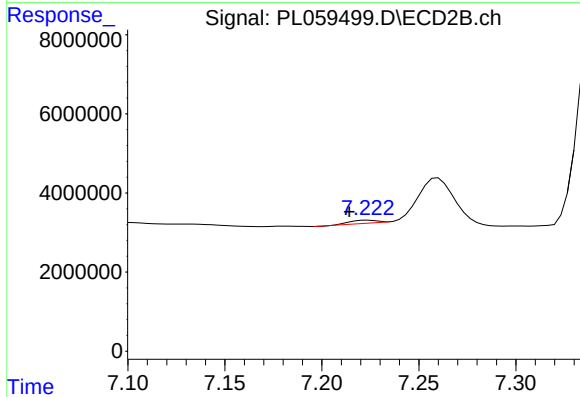
R.T.: 6.916 min  
Delta R.T.: 0.002 min  
Response: 4309191  
Conc: 1.94 ng/ml



#17 4,4'-DDT

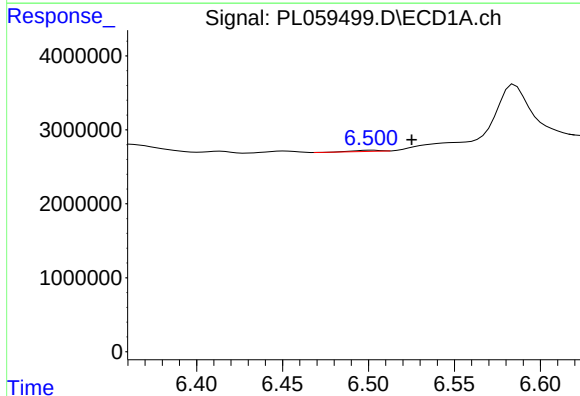
R.T.: 6.452 min  
Delta R.T.: 0.000 min  
Response: 270444  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



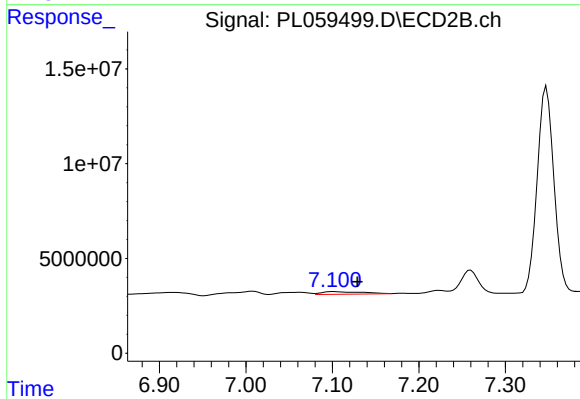
#17 4,4'-DDT

R.T.: 7.224 min  
Delta R.T.: 0.009 min  
Response: 700292  
Conc: 0.31 ng/ml



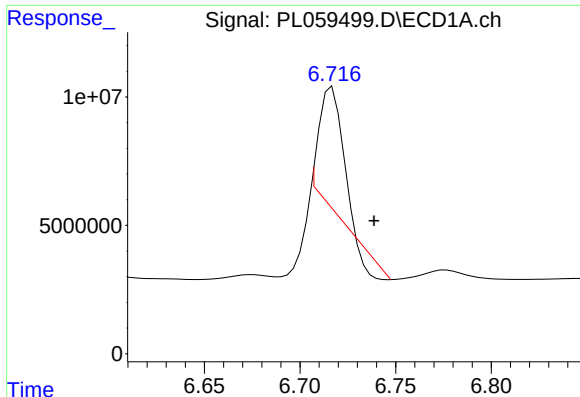
#18 Endrin aldehyde

R.T.: 6.502 min  
Delta R.T.: -0.023 min  
Response: 134947  
Conc: 0.10 ng/ml



#18 Endrin aldehyde

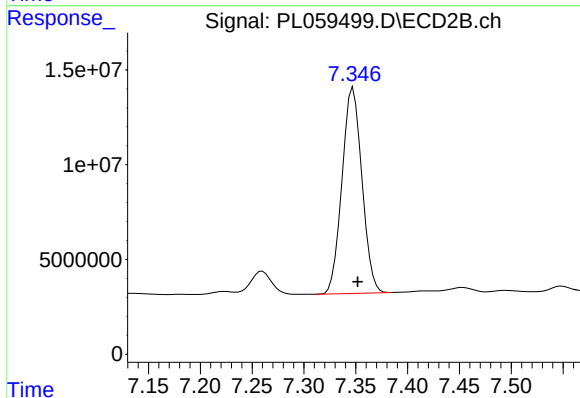
R.T.: 7.101 min  
Delta R.T.: -0.028 min  
Response: 4453767  
Conc: 2.03 ng/ml



#19 Endosulfan Sulfate

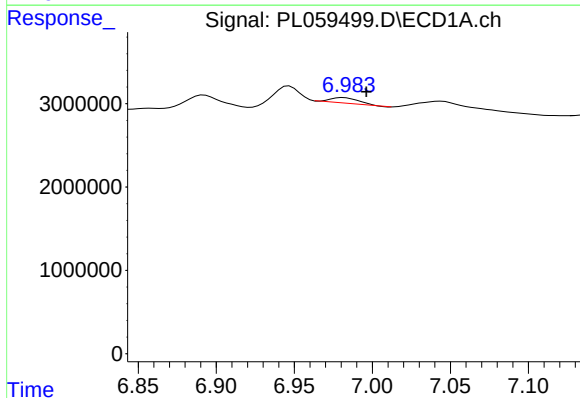
R.T.: 6.717 min  
Delta R.T.: -0.022 min  
Response: 35019251  
Conc: 23.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



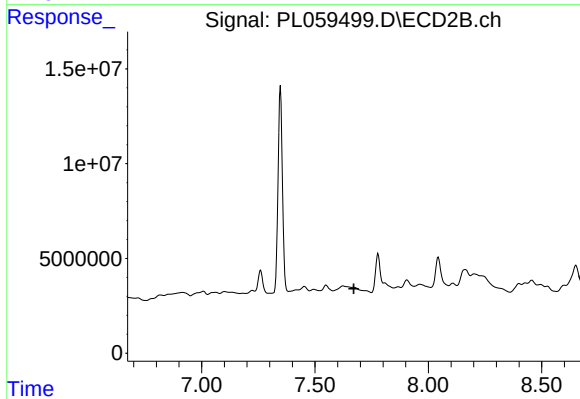
#19 Endosulfan Sulfate

R.T.: 7.347 min  
Delta R.T.: -0.004 min  
Response: 145012972  
Conc: 59.91 ng/ml



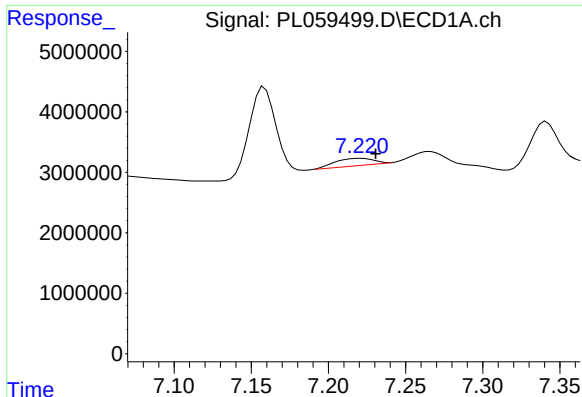
#20 Methoxychlor

R.T.: 6.982 min  
Delta R.T.: -0.015 min  
Response: 822313  
Conc: 1.01 ng/ml



#20 Methoxychlor

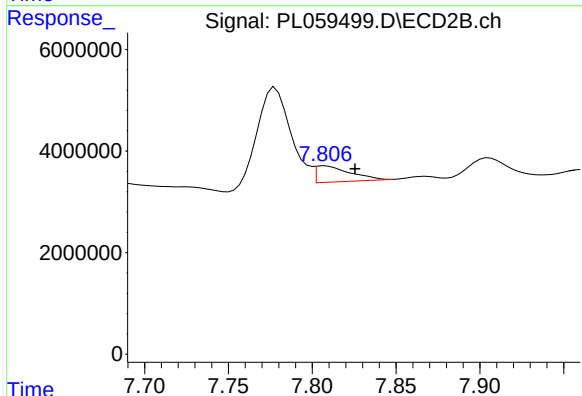
R.T.: 0.000 min  
Exp R.T.: 7.671 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

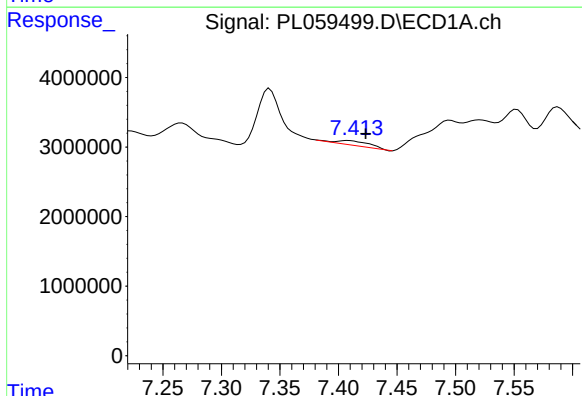
R.T.: 7.221 min  
Delta R.T.: -0.009 min  
Response: 2106229  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



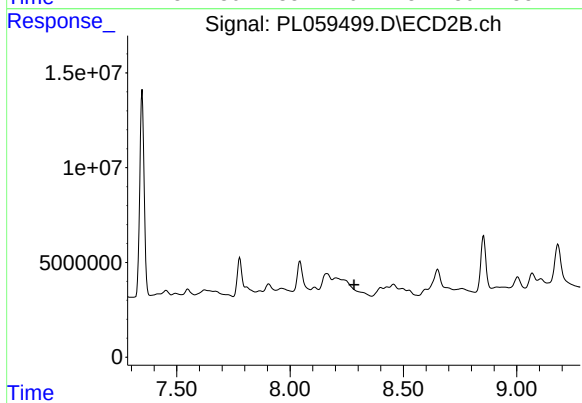
#21 Endrin ketone

R.T.: 7.807 min  
Delta R.T.: -0.018 min  
Response: 4522233  
Conc: 1.75 ng/ml



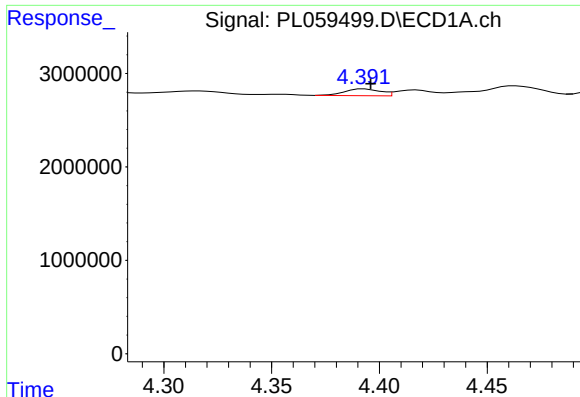
#22 Mirex

R.T.: 7.408 min  
Delta R.T.: -0.015 min  
Response: 1343343  
Conc: 0.95 ng/ml



#22 Mirex

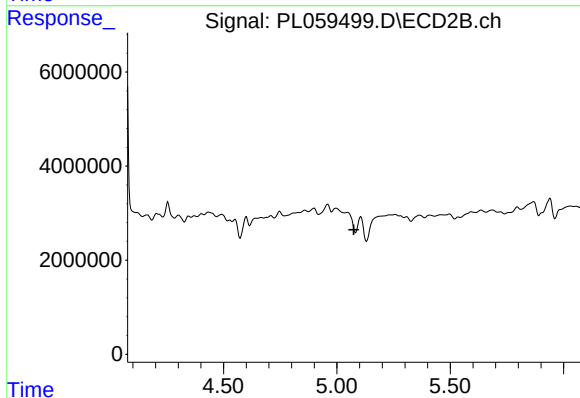
R.T.: 0.000 min  
Exp R.T.: 8.283 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

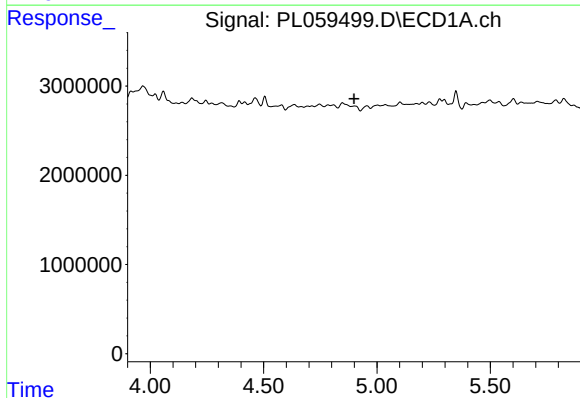
R.T.: 4.393 min  
Delta R.T.: -0.003 min  
Response: 828726  
Conc: 14.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



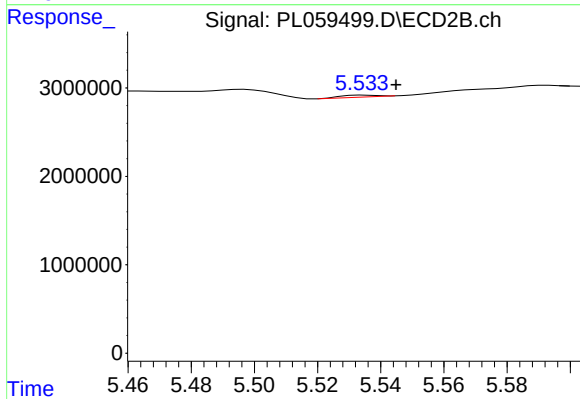
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.075 min  
Response: 0  
Conc: N.D.



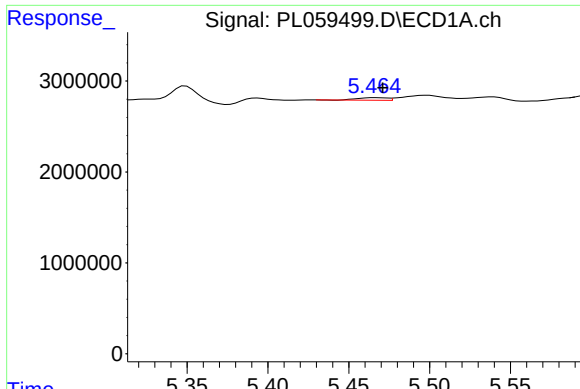
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.900 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

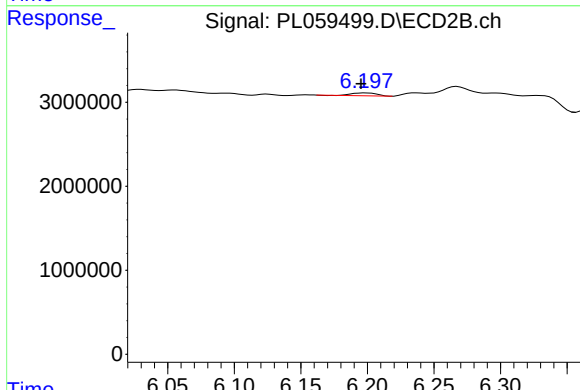
R.T.: 5.535 min  
Delta R.T.: -0.010 min  
Response: 170225  
Conc: 1.55 ng/ml



#25 Chlordane-3

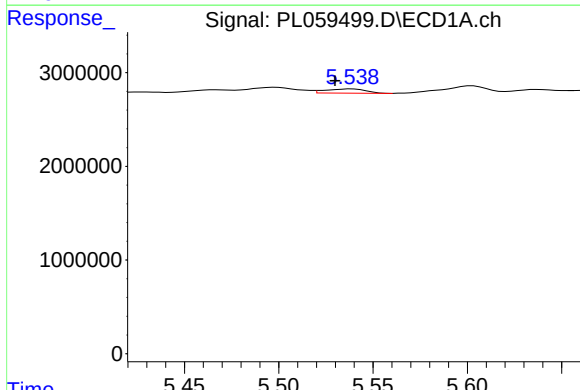
R.T.: 5.466 min  
Delta R.T.: -0.005 min  
Response: 354215  
Conc: 2.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



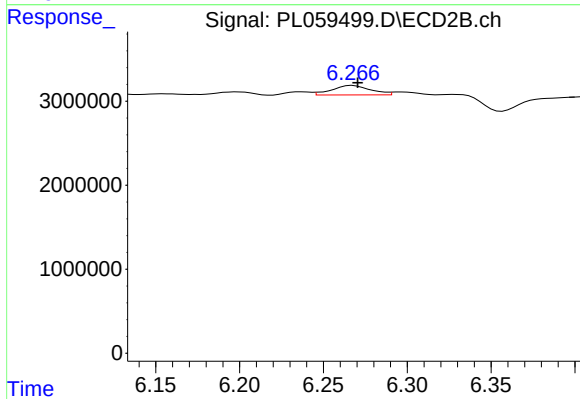
#25 Chlordane-3

R.T.: 6.199 min  
Delta R.T.: 0.003 min  
Response: 449789  
Conc: 1.15 ng/ml



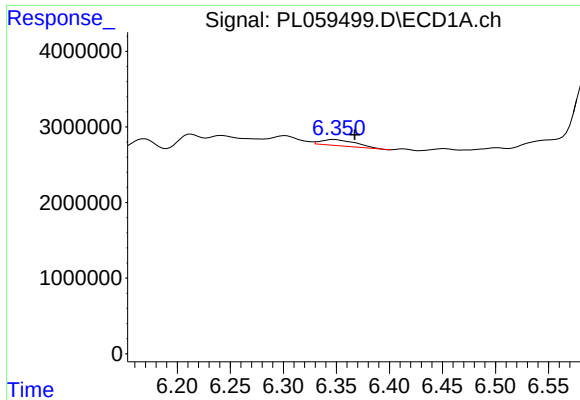
#26 Chlordane-4

R.T.: 5.539 min  
Delta R.T.: 0.009 min  
Response: 664263  
Conc: 5.63 ng/ml



#26 Chlordane-4

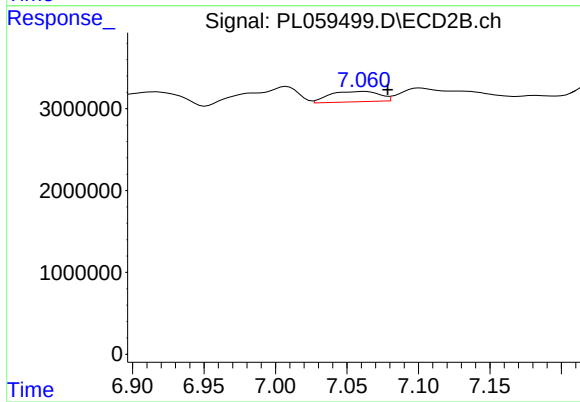
R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 1819924  
Conc: 3.83 ng/ml



#27 Chlordane-5

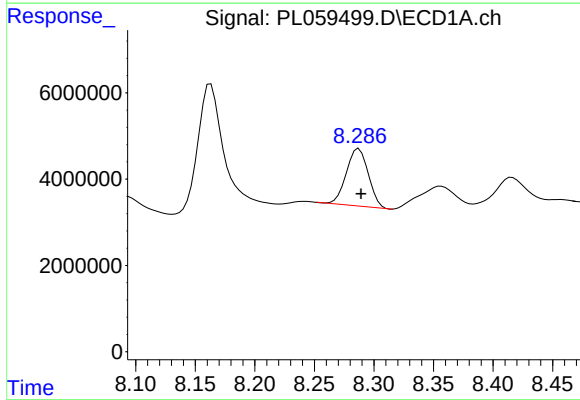
R.T.: 6.348 min  
Delta R.T.: -0.019 min  
Response: 1858620  
Conc: 33.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EBS8-S-02A



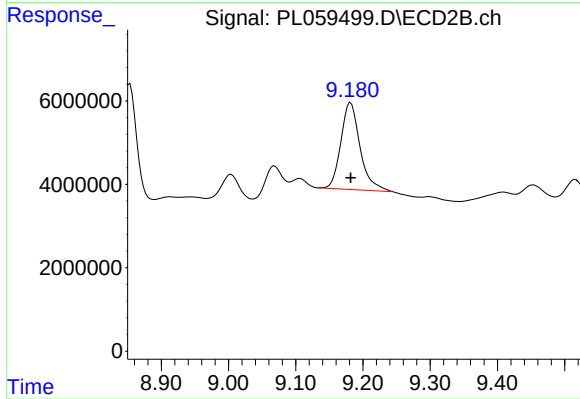
#27 Chlordane-5

R.T.: 7.062 min  
Delta R.T.: -0.016 min  
Response: 3060659  
Conc: 35.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.287 min  
Delta R.T.: -0.002 min  
Response: 17108929  
Conc: 10.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: 0.000 min  
Response: 41169284  
Conc: 17.98 ng/ml