

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
 Data File : PL053759.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2019 17:47  
 Operator : SG\AJ  
 Sample : K5503-07  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 22:34:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.543  | 4.045  | 134.5E6  | 29817136 | 12.412 | 11.916   |
| 28)                         | SA Decachlor... | 8.327  | 9.122  | 410.4E6  | 120.3E6  | 41.829 | 42.711   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.586  | 0.000  | 10751799 | 0        | 0.681  | N.D. #   |
| 5)                          | MB Aldrin       | 4.831  | 5.532  | 6988991  | 7594148  | 0.489  | 2.547 #  |
| 6)                          | B beta-BHC      | 4.546f | 4.918f | 18837286 | 6782065  | 2.859  | 4.391 #  |
| 7)                          | B delta-BHC     | 4.749f | 0.000  | 10786970 | 0        | 0.709  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.275  | 5.914  | 21318072 | 5124676  | 1.579  | 1.757    |
| 9)                          | A Endosulfan I  | 5.640f | 6.266f | 10497371 | 12401537 | 0.854  | 4.574 #  |
| 10)                         | B gamma-Chl...  | 5.524f | 6.168  | 43957998 | 11655301 | 3.222  | 3.995    |
| 11)                         | B alpha-Chl...  | 5.562  | 6.230  | 27451148 | 14742212 | 2.063  | 5.050 #  |
| 12)                         | B 4,4'-DDE      | 5.726  | 6.383  | 37272912 | 16065599 | 3.137  | 5.704 #  |
| 13)                         | MA Dieldrin     | 5.854  | 6.523f | 38315477 | 1662593  | 2.940  | 0.583 #  |
| 14)                         | MA Endrin       | 6.116  | 6.745  | 20577445 | 2575145  | 1.775  | 1.061 #  |
| 15)                         | B Endosulfa...  | 6.380f | 0.000  | 8957104  | 0        | 0.801  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.244  | 6.879  | 10763144 | 6748788  | 1.209  | 3.238 #  |
| 17)                         | MA 4,4'-DDT     | 6.485  | 7.174  | 67942835 | 10956264 | 6.859  | 4.738 #  |
| 18)                         | B Endrin al...  | 6.577  | 7.103  | 14791082 | 1752289  | 1.613  | 0.798 #  |
| 19)                         | B Endosulfa...  | 6.772  | 0.000  | 24808106 | 0        | 2.439  | N.D. #   |
| 20)                         | A Methoxychlor  | 7.017f | 0.000  | 46196755 | 0        | 9.370  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.295f | 0.000  | 42827517 | 0        | 3.978  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.260f | 0        | 22765062 | N.D.   | 11.253 # |
| 23)                         | Chlordane-1     | 4.426  | 5.043  | 13204478 | 796673   | 37.230 | 9.499 #  |
| 24)                         | Chlordane-2     | 4.956f | 5.532f | 4528079  | 7594148  | 11.752 | 77.317 # |
| 25)                         | Chlordane-3     | 5.524f | 6.168  | 43957998 | 11655301 | 38.135 | 31.912   |
| 26)                         | Chlordane-4     | 5.562  | 6.230  | 27451148 | 14742212 | 29.283 | 32.838   |
| 27)                         | Chlordane-5     | 6.435f | 0.000  | 10550335 | 0        | 28.862 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

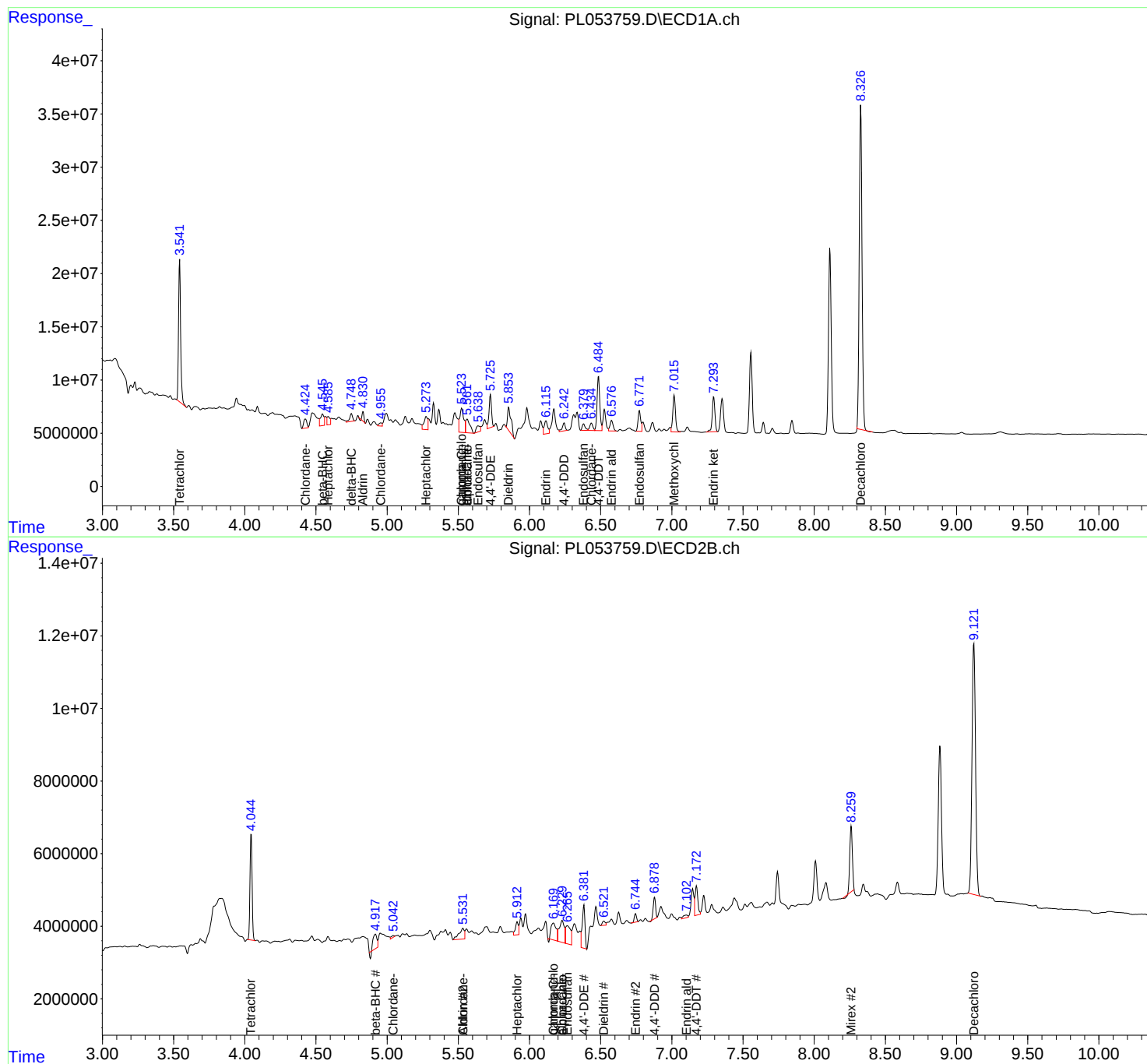
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

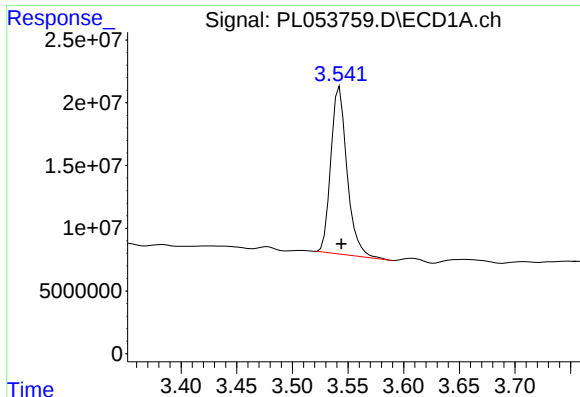
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
Data File : PL053759.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2019 17:47  
Operator : SG\AJ  
Sample : K5503-07  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 22:34:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

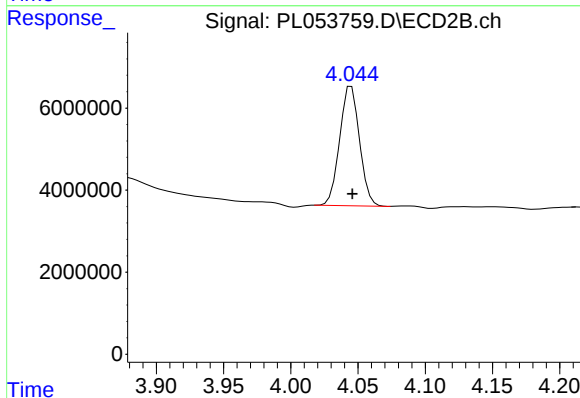




#1 Tetrachloro-m-xylene

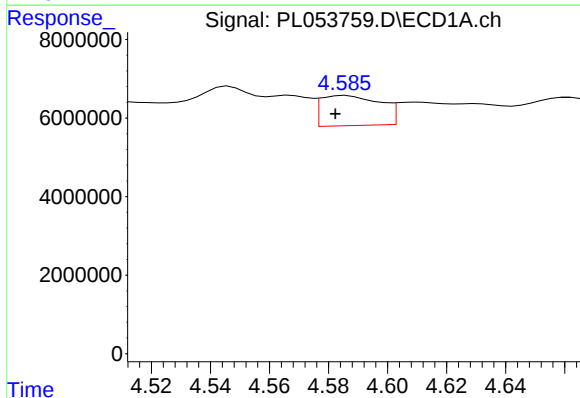
R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 134535289  
Conc: 12.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



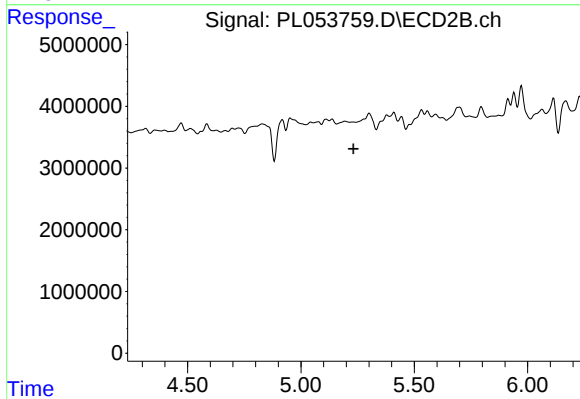
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 29817136  
Conc: 11.92 ng/ml



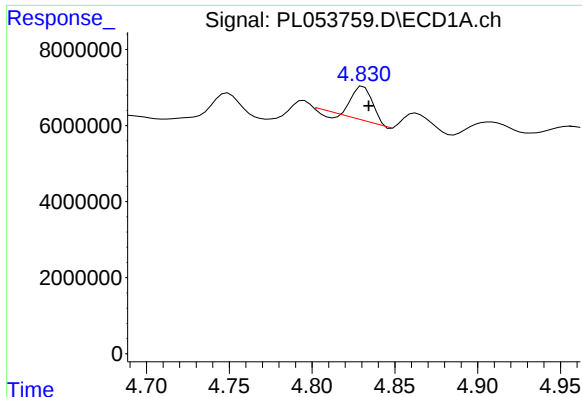
#4 Heptachlor

R.T.: 4.586 min  
Delta R.T.: 0.004 min  
Response: 10751799  
Conc: 0.68 ng/ml



#4 Heptachlor

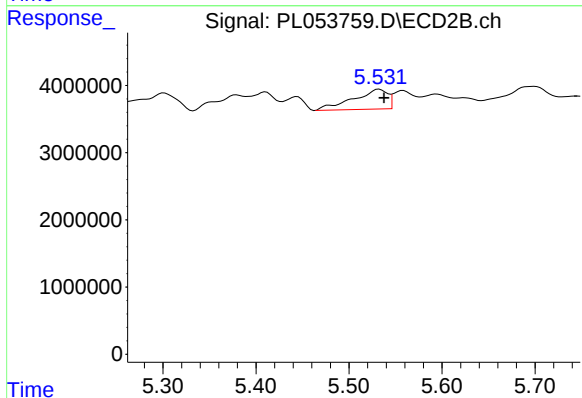
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.



#5 Aldrin

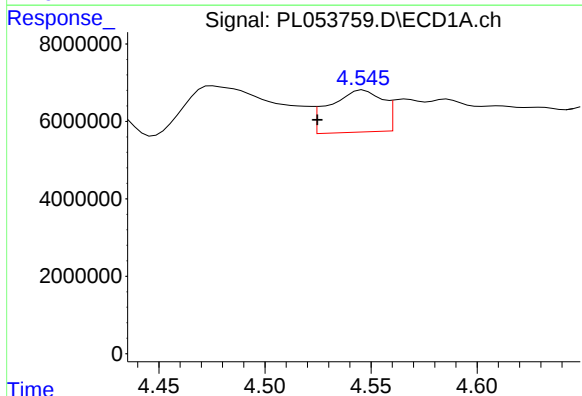
R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 6988991  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



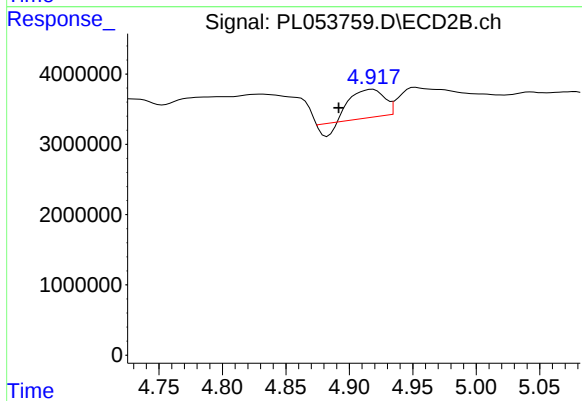
#5 Aldrin

R.T.: 5.532 min  
Delta R.T.: -0.005 min  
Response: 7594148  
Conc: 2.55 ng/ml



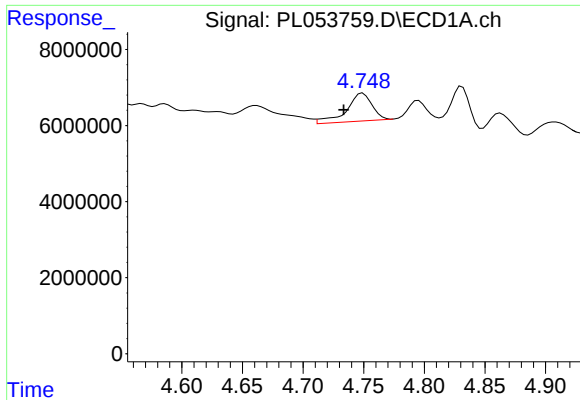
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.022 min  
Response: 18837286  
Conc: 2.86 ng/ml



#6 beta-BHC

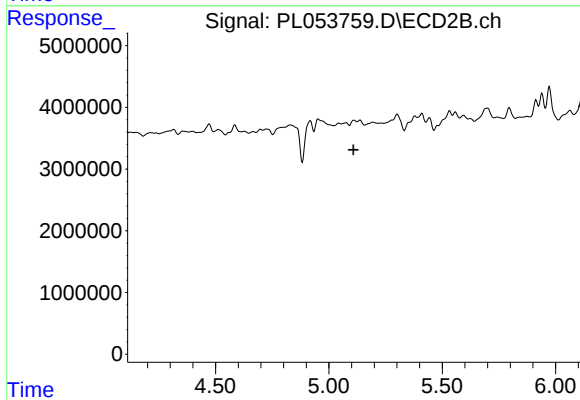
R.T.: 4.918 min  
Delta R.T.: 0.027 min  
Response: 6782065  
Conc: 4.39 ng/ml



#7 delta-BHC

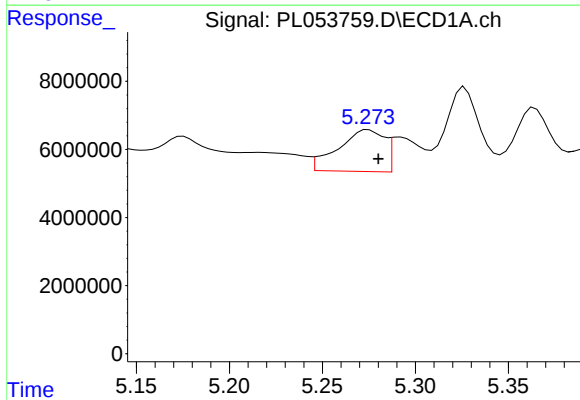
R.T.: 4.749 min  
Delta R.T.: 0.016 min  
Response: 10786970  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



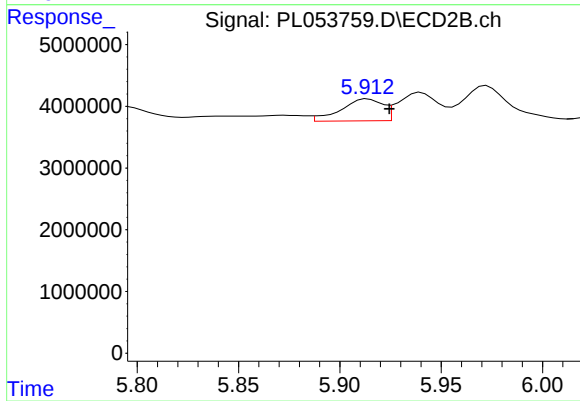
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.109 min  
Response: 0  
Conc: N.D.



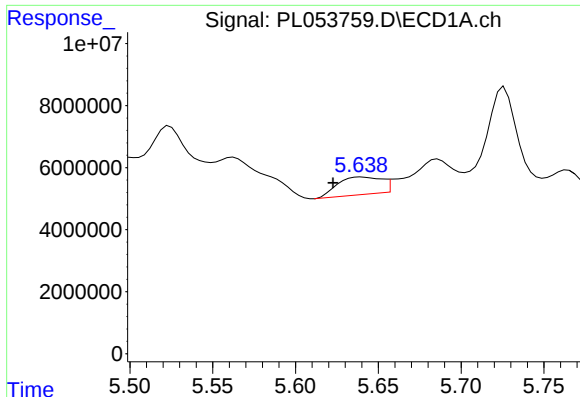
#8 Heptachlor epoxide

R.T.: 5.275 min  
Delta R.T.: -0.005 min  
Response: 21318072  
Conc: 1.58 ng/ml



#8 Heptachlor epoxide

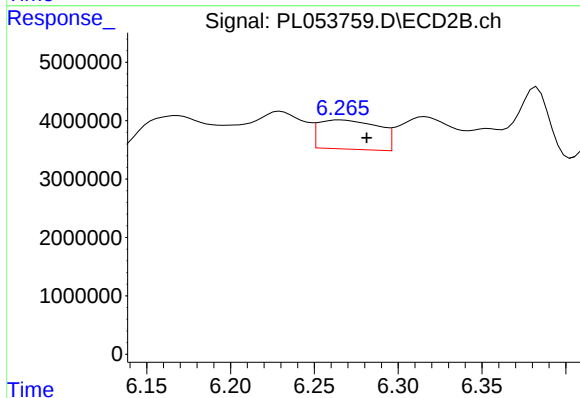
R.T.: 5.914 min  
Delta R.T.: -0.011 min  
Response: 5124676  
Conc: 1.76 ng/ml



#9 Endosulfan I

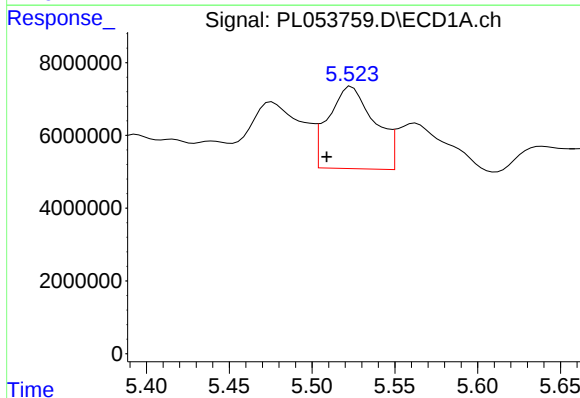
R.T.: 5.640 min  
Delta R.T.: 0.017 min  
Response: 10497371  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



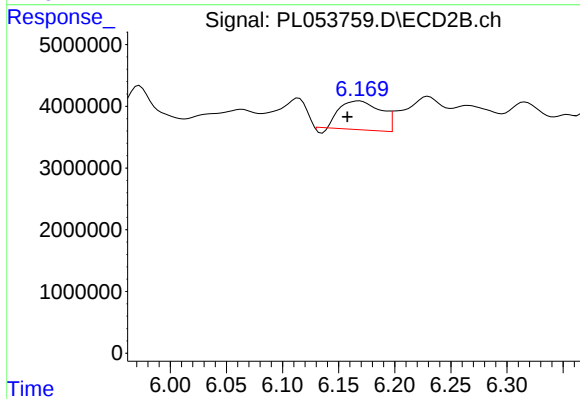
#9 Endosulfan I

R.T.: 6.266 min  
Delta R.T.: -0.015 min  
Response: 12401537  
Conc: 4.57 ng/ml



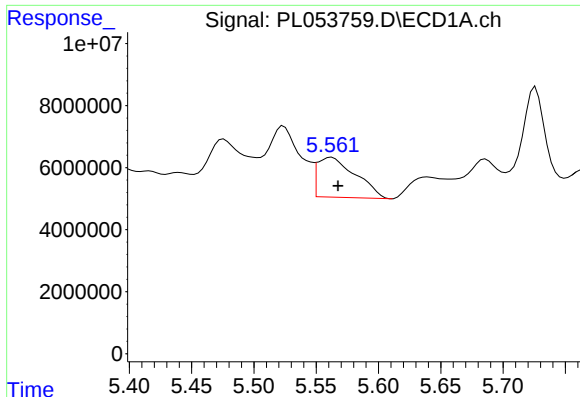
#10 gamma-Chlordane

R.T.: 5.524 min  
Delta R.T.: 0.015 min  
Response: 43957998  
Conc: 3.22 ng/ml



#10 gamma-Chlordane

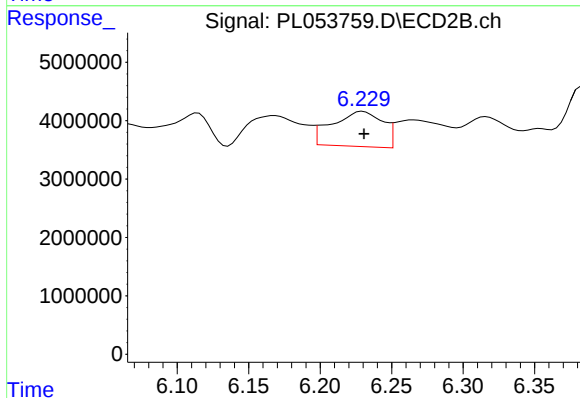
R.T.: 6.168 min  
Delta R.T.: 0.010 min  
Response: 11655301  
Conc: 3.99 ng/ml



#11 alpha-Chlordane

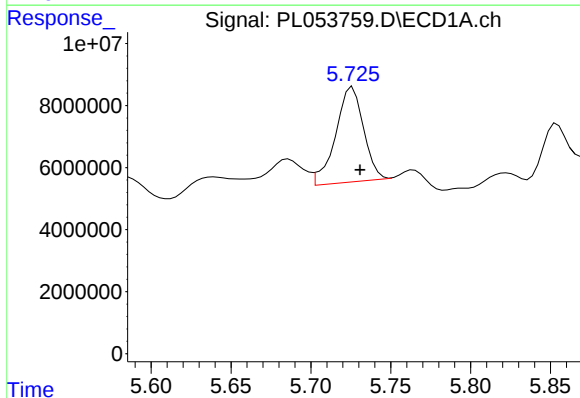
R.T.: 5.562 min  
Delta R.T.: -0.005 min  
Response: 27451148  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



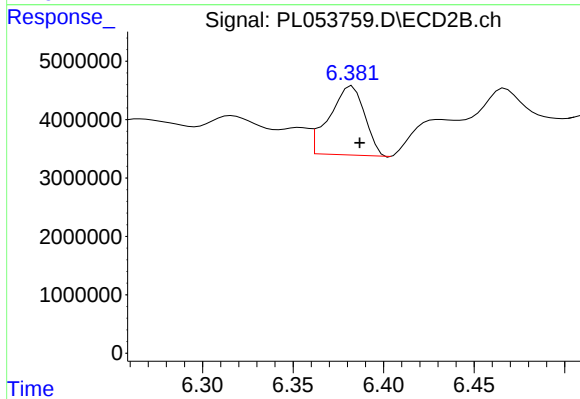
#11 alpha-Chlordane

R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 14742212  
Conc: 5.05 ng/ml



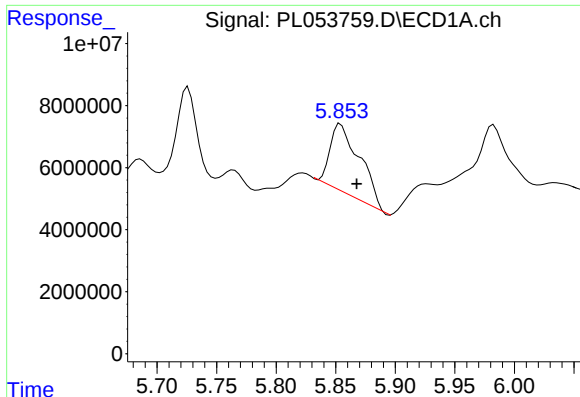
#12 4,4'-DDE

R.T.: 5.726 min  
Delta R.T.: -0.005 min  
Response: 37272912  
Conc: 3.14 ng/ml



#12 4,4'-DDE

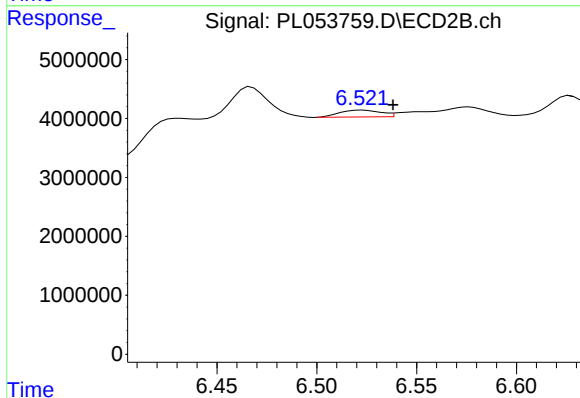
R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 16065599  
Conc: 5.70 ng/ml



#13 Dieldrin

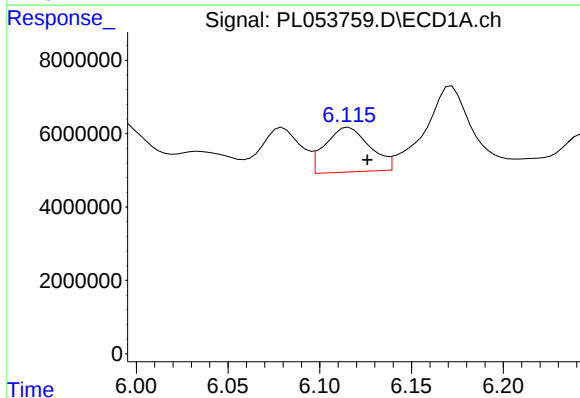
R.T.: 5.854 min  
Delta R.T.: -0.013 min  
Response: 38315477  
Conc: 2.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



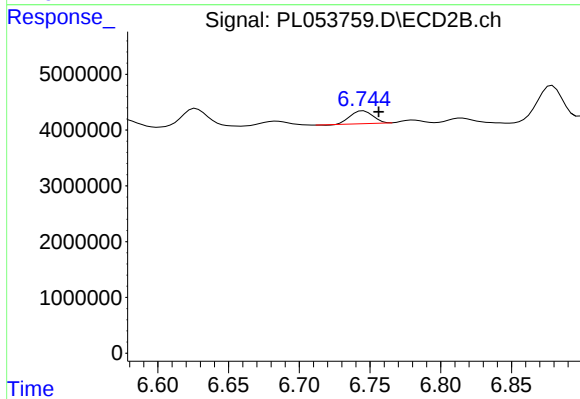
#13 Dieldrin

R.T.: 6.523 min  
Delta R.T.: -0.015 min  
Response: 1662593  
Conc: 0.58 ng/ml



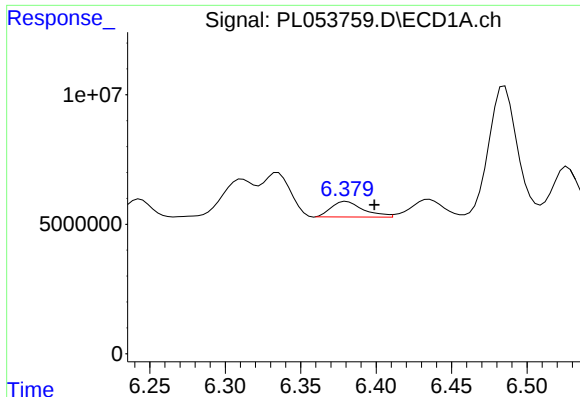
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: -0.010 min  
Response: 20577445  
Conc: 1.78 ng/ml



#14 Endrin

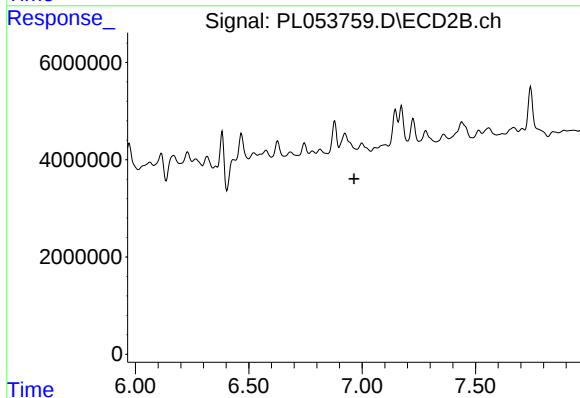
R.T.: 6.745 min  
Delta R.T.: -0.011 min  
Response: 2575145  
Conc: 1.06 ng/ml



#15 Endosulfan II

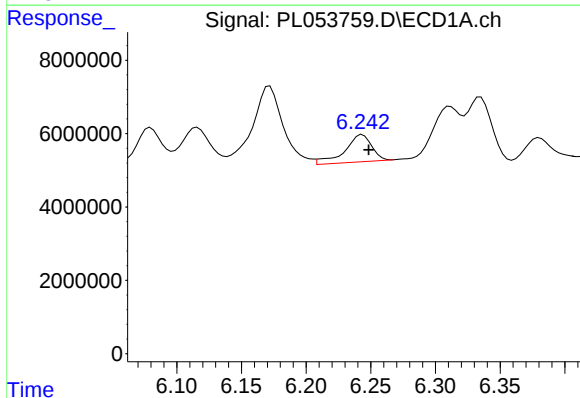
R.T.: 6.380 min  
Delta R.T.: -0.018 min  
Response: 8957104  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



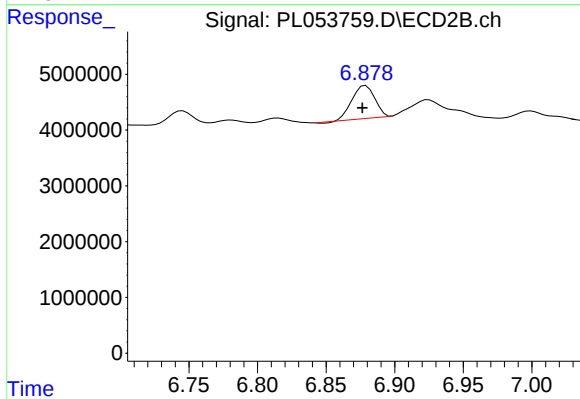
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.965 min  
Response: 0  
Conc: N.D.



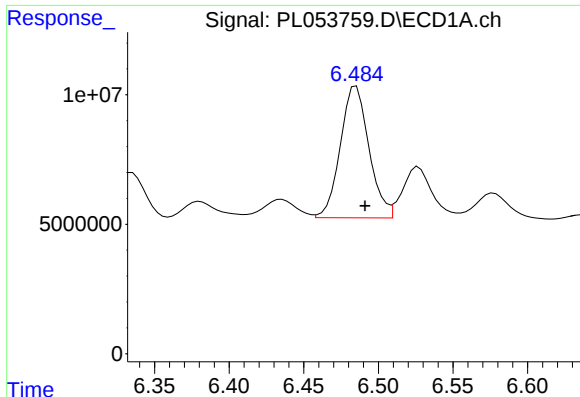
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.005 min  
Response: 10763144  
Conc: 1.21 ng/ml



#16 4,4'-DDD

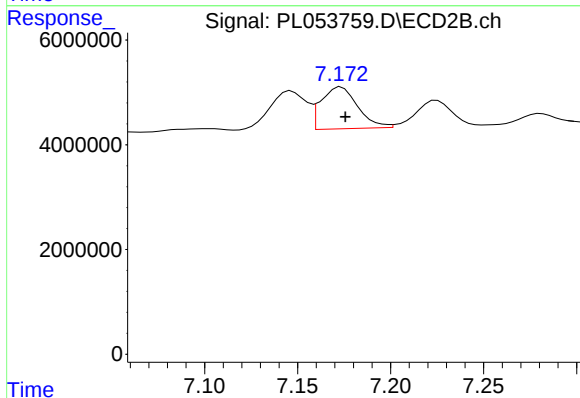
R.T.: 6.879 min  
Delta R.T.: 0.002 min  
Response: 6748788  
Conc: 3.24 ng/ml



#17 4,4'-DDT

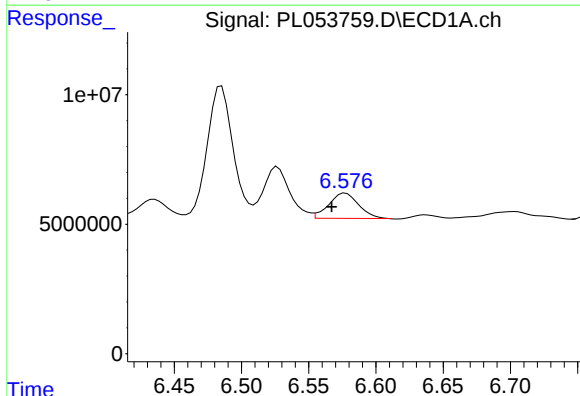
R.T.: 6.485 min  
Delta R.T.: -0.006 min  
Response: 67942835  
Conc: 6.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



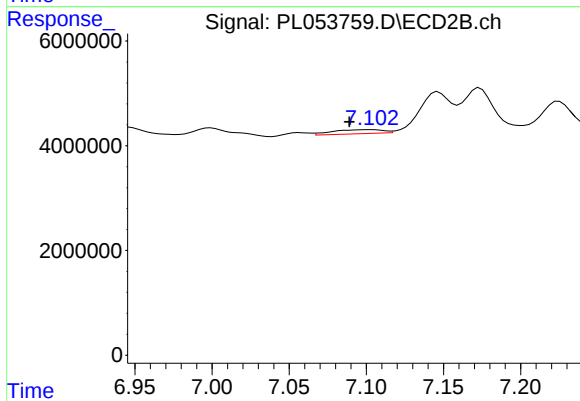
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 10956264  
Conc: 4.74 ng/ml



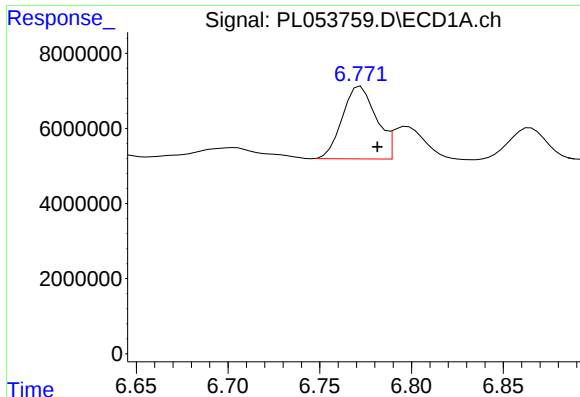
#18 Endrin aldehyde

R.T.: 6.577 min  
Delta R.T.: 0.010 min  
Response: 14791082  
Conc: 1.61 ng/ml



#18 Endrin aldehyde

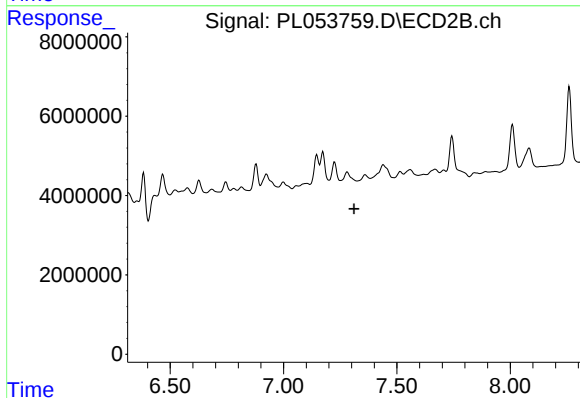
R.T.: 7.103 min  
Delta R.T.: 0.014 min  
Response: 1752289  
Conc: 0.80 ng/ml



#19 Endosulfan Sulfate

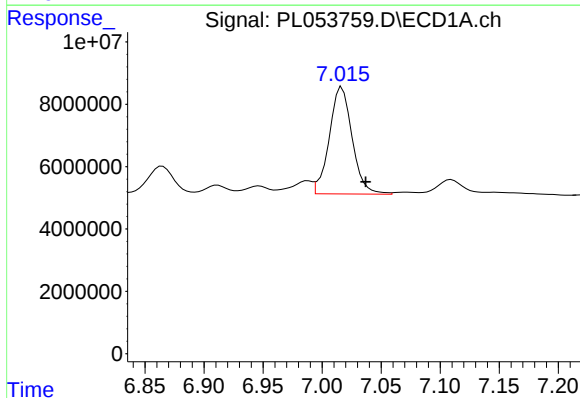
R.T.: 6.772 min  
Delta R.T.: -0.009 min  
Response: 24808106  
Conc: 2.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



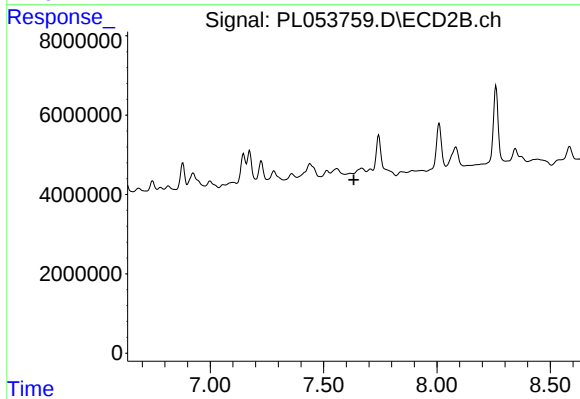
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.312 min  
Response: 0  
Conc: N.D.



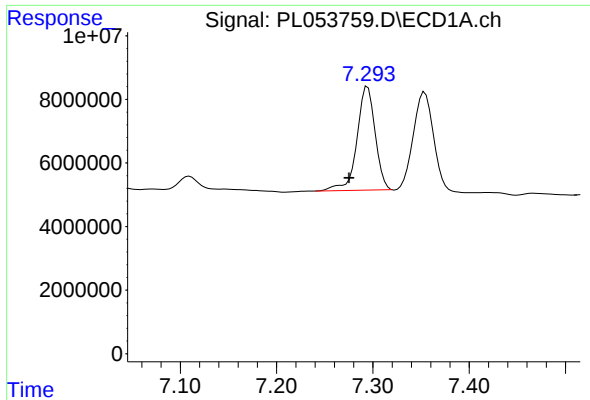
#20 Methoxychlor

R.T.: 7.017 min  
Delta R.T.: -0.020 min  
Response: 46196755  
Conc: 9.37 ng/ml



#20 Methoxychlor

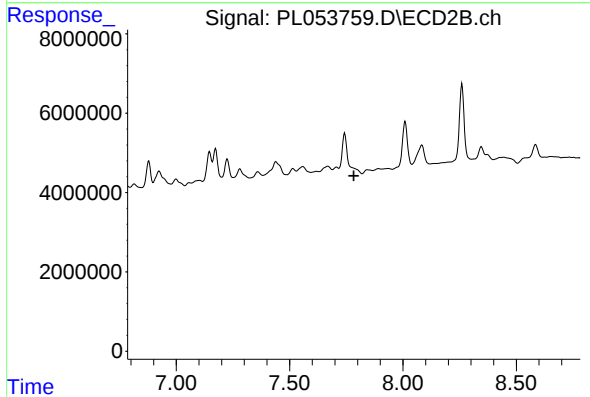
R.T.: 0.000 min  
Exp R.T. : 7.633 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

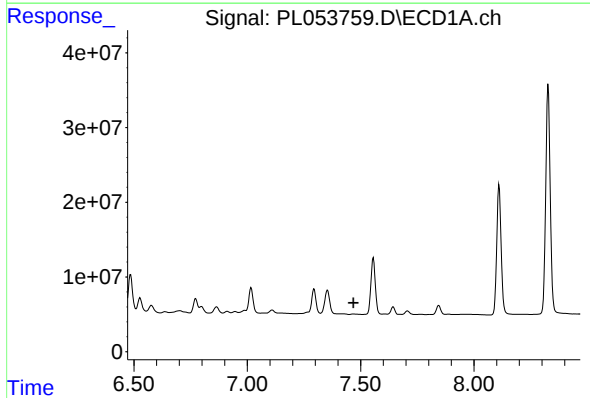
R.T.: 7.295 min  
Delta R.T.: 0.019 min  
Response: 42827517  
Conc: 3.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



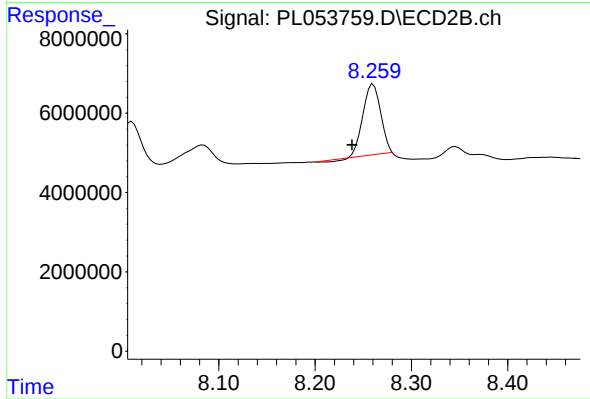
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.783 min  
Response: 0  
Conc: N.D.



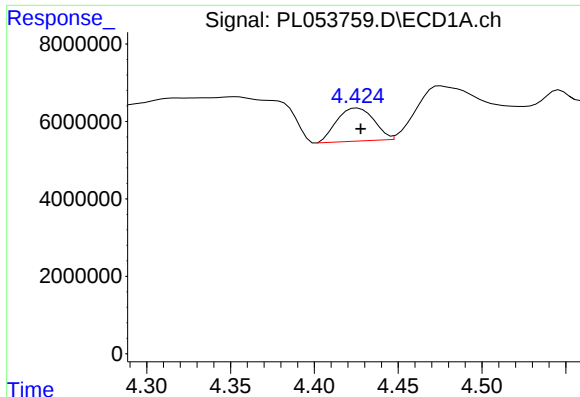
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.469 min  
Response: 0  
Conc: N.D.



#22 Mirex

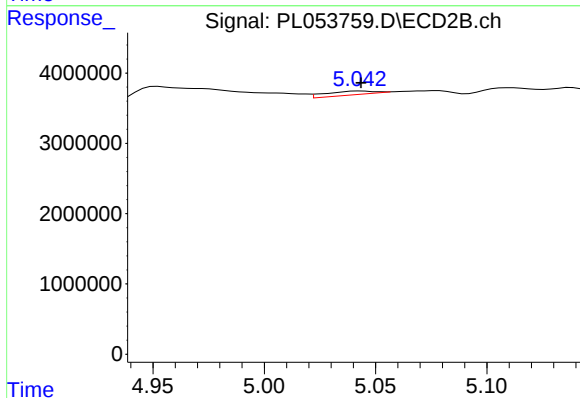
R.T.: 8.260 min  
Delta R.T.: 0.022 min  
Response: 22765062  
Conc: 11.25 ng/ml



#23 Chlordane-1

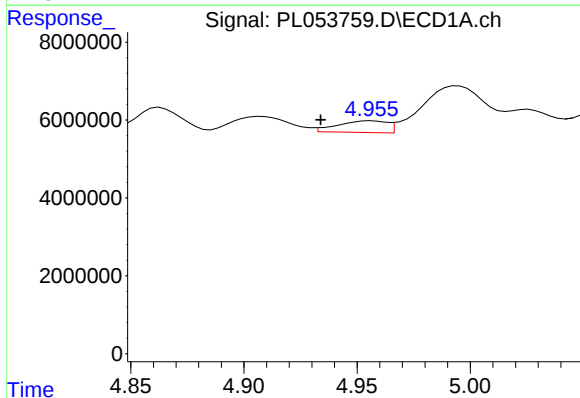
R.T.: 4.426 min  
Delta R.T.: -0.002 min  
Response: 13204478  
Conc: 37.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



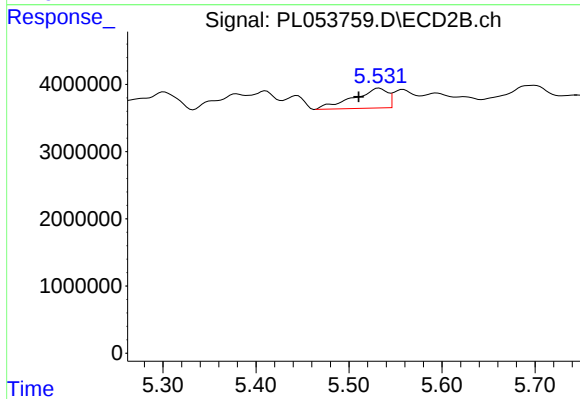
#23 Chlordane-1

R.T.: 5.043 min  
Delta R.T.: 0.000 min  
Response: 796673  
Conc: 9.50 ng/ml



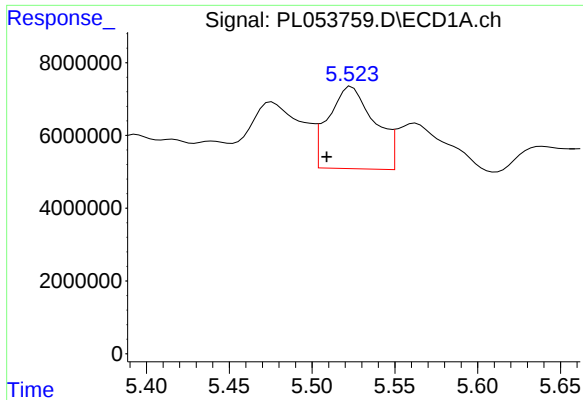
#24 Chlordane-2

R.T.: 4.956 min  
Delta R.T.: 0.022 min  
Response: 4528079  
Conc: 11.75 ng/ml



#24 Chlordane-2

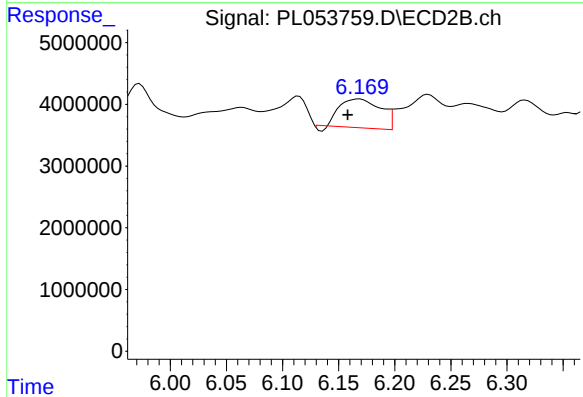
R.T.: 5.532 min  
Delta R.T.: 0.022 min  
Response: 7594148  
Conc: 77.32 ng/ml



#25 Chlordane-3

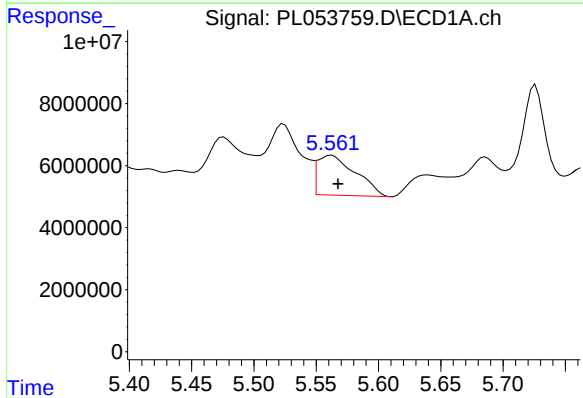
R.T.: 5.524 min  
Delta R.T.: 0.015 min  
Response: 43957998  
Conc: 38.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



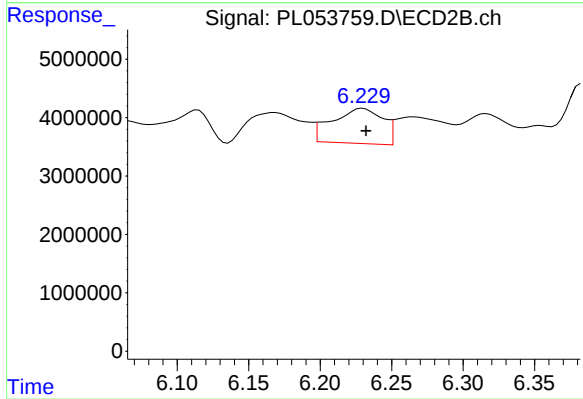
#25 Chlordane-3

R.T.: 6.168 min  
Delta R.T.: 0.010 min  
Response: 11655301  
Conc: 31.91 ng/ml



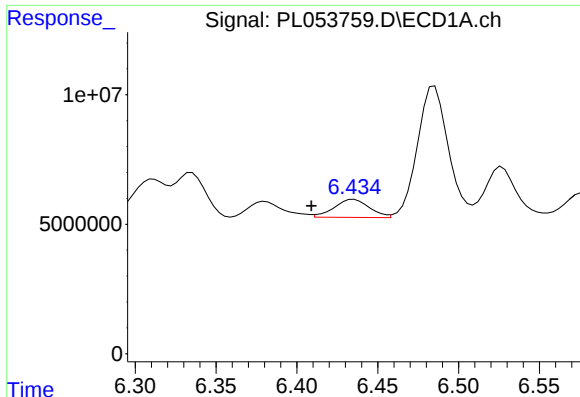
#26 Chlordane-4

R.T.: 5.562 min  
Delta R.T.: -0.005 min  
Response: 27451148  
Conc: 29.28 ng/ml



#26 Chlordane-4

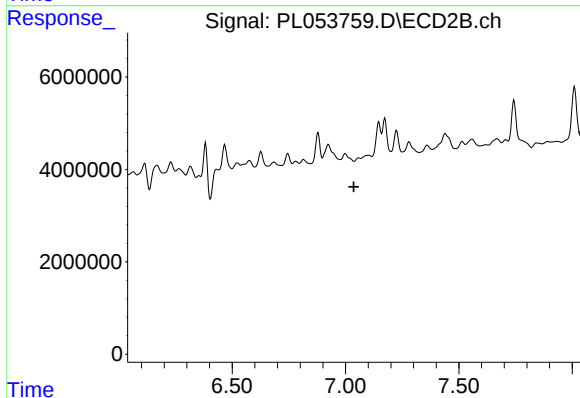
R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 14742212  
Conc: 32.84 ng/ml



#27 Chlordane-5

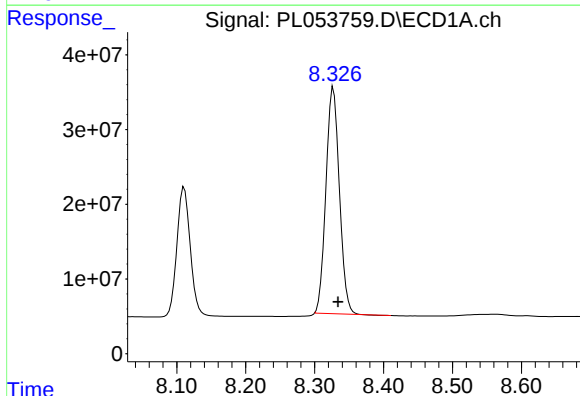
R.T.: 6.435 min  
Delta R.T.: 0.026 min  
Response: 10550335  
Conc: 28.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



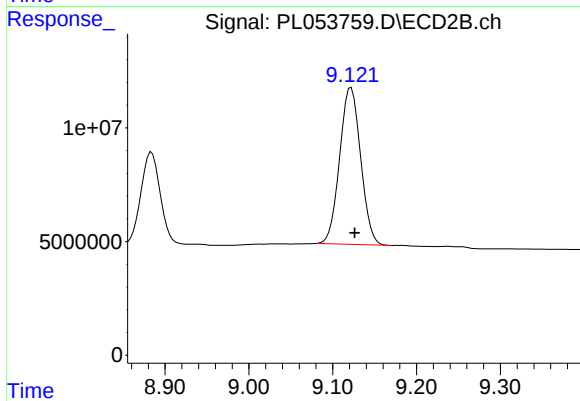
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.327 min  
Delta R.T.: -0.007 min  
Response: 410408045  
Conc: 41.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 120274235  
Conc: 42.71 ng/ml