

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091623\  
 Data File : PL085368.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Sep 2023 17:09  
 Operator : AR\AJ  
 Sample : 04434-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 15 22:38:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 2023  
 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... | 3.479  | 2.683  | 23520722 | 10324163 | 9.616  | 9.087    |
| 28)                         | SA Decachlor... | 9.033  | 7.869  | 13188477 | 9328615  | 8.201  | 7.008    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.913f | 3.215f | 1942312  | 1377764  | 0.564  | 0.842 #  |
| 3)                          | MA gamma-BHC... | 4.247f | 3.540f | 2720013  | -16212   | 0.819  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.862  | 3.859  | 6168814  | 1835972  | 1.871  | 1.210 #  |
| 5)                          | MB Aldrin       | 5.174f | 4.154  | 2261154  | 41148    | 0.735  | 0.027 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.812  | 0        | 4901982  | N.D.   | 7.224 #  |
| 7)                          | B delta-BHC     | 4.720  | 4.057  | 557149   | 94393    | 0.176  | 0.060 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.645  | 0        | 163183   | N.D.   | 0.119 #  |
| 10)                         | B gamma-Chl...  | 5.872f | 4.898  | 6297477  | 580294   | 2.424  | 0.421 #  |
| 11)                         | B alpha-Chl...  | 5.975  | 4.963  | 4993809  | 1225995  | 1.941  | 0.820 #  |
| 12)                         | B 4,4'-DDE      | 6.145  | 5.178f | 510419   | 376142   | 0.246  | 0.302    |
| 14)                         | MA Endrin       | 0.000  | 5.551  | 0        | 886465   | N.D.   | 0.694 #  |
| 15)                         | B Endosulfa...  | 6.752  | 5.862  | 1153299  | 320019   | 0.570  | 0.258 #  |
| 16)                         | A 4,4'-DDD      | 6.690f | 0.000  | 96368    | 0        | 0.063  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.986  | 5.969  | 598608   | 349806   | 0.355  | 0.300    |
| 18)                         | B Endrin al...  | 6.897f | 6.046  | 165108   | 1831404  | 0.107  | 1.793 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.265  | 0        | 73546    | N.D.   | 0.061 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.577f | 0        | 16158    | N.D.   | 0.024 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.773  | 0        | 4632     | N.D.   | 0.003 #  |
| 23)                         | Chlordane-1     | 4.666f | 3.680  | 2640584  | 445947   | 26.537 | 11.475 # |
| 24)                         | Chlordane-2     | 5.174  | 4.269  | 2261154  | 760590   | 21.584 | 15.781 # |
| 25)                         | Chlordane-3     | 5.872f | 4.898  | 6297477  | 580294   | 17.423 | 4.322 #  |
| 26)                         | Chlordane-4     | 5.975  | 4.963  | 4993809  | 1225995  | 11.511 | 8.244 #  |
| 27)                         | Chlordane-5     | 6.800f | 5.862  | 1250117  | 320019   | 17.905 | 6.287 #  |
| -----                       |                 |        |        |          |          |        |          |

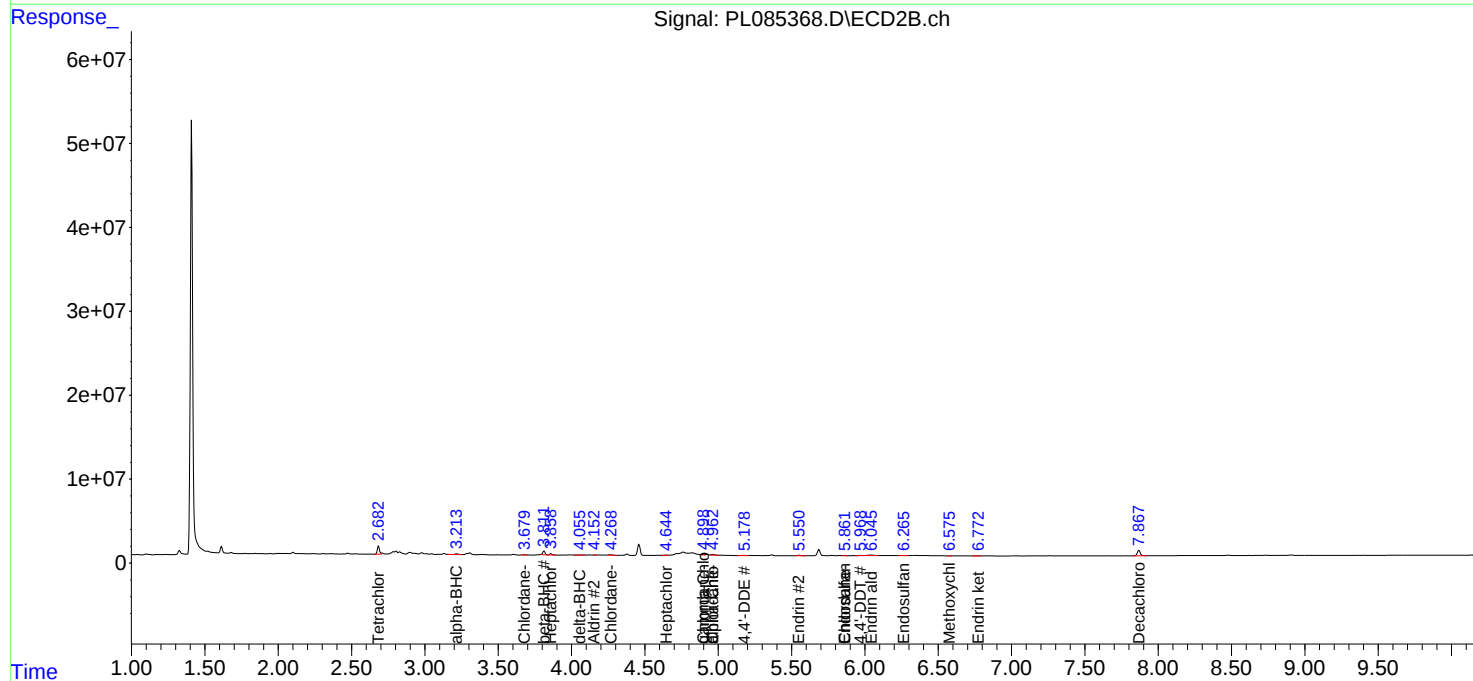
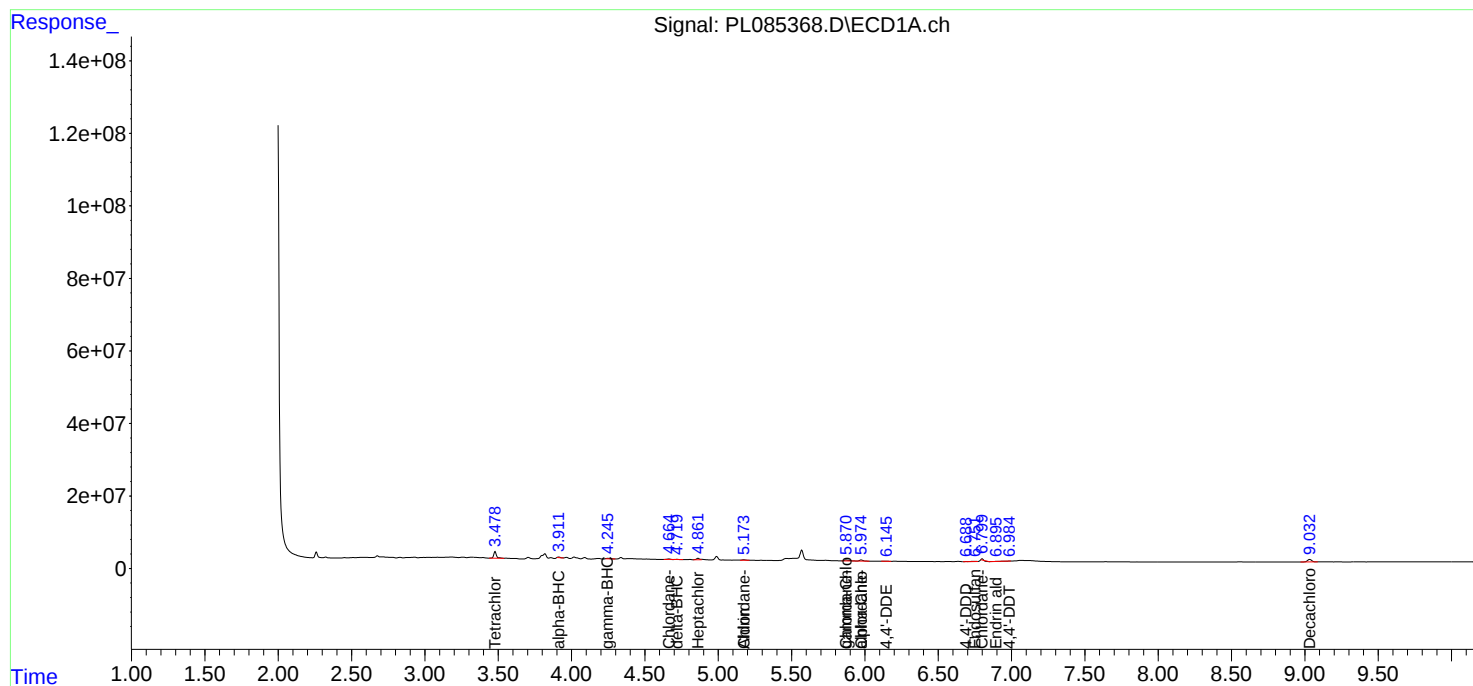
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

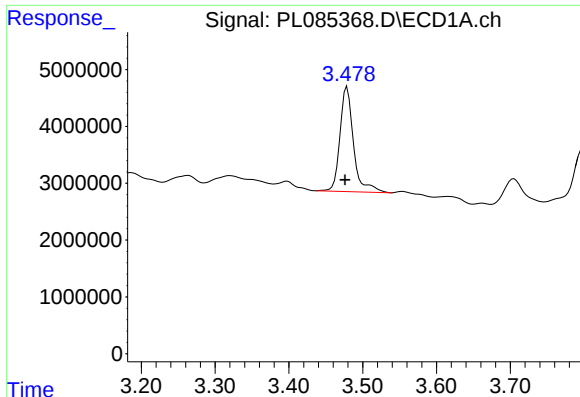
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091623\  
Data File : PL085368.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Sep 2023 17:09  
Operator : AR\AJ  
Sample : 04434-01  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 15 22:38:11 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 2023  
Response via : Initial Calibration  
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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

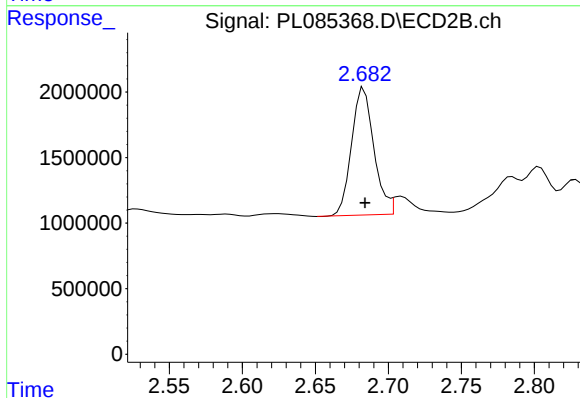




#1 Tetrachloro-m-xylene

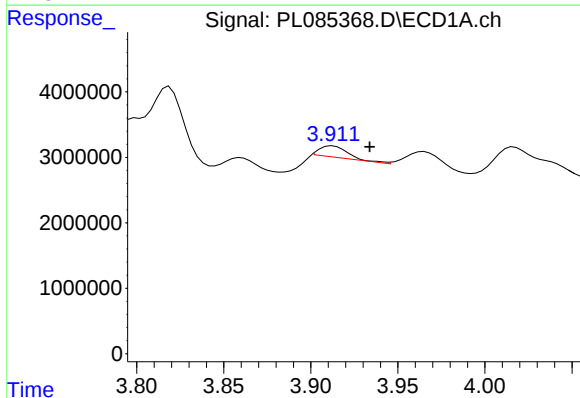
R.T.: 3.479 min  
Delta R.T.: 0.003 min  
Response: 23520722  
Conc: 9.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



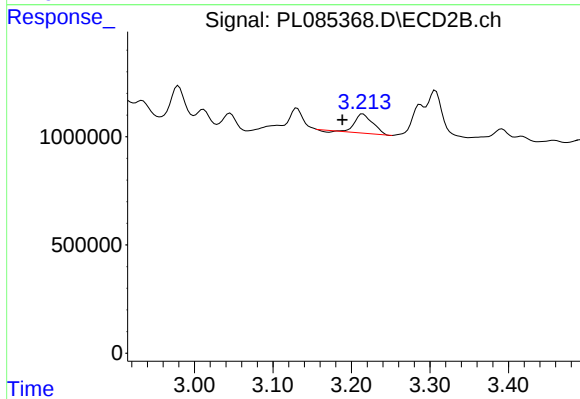
#1 Tetrachloro-m-xylene

R.T.: 2.683 min  
Delta R.T.: 0.000 min  
Response: 10324163  
Conc: 9.09 ng/ml



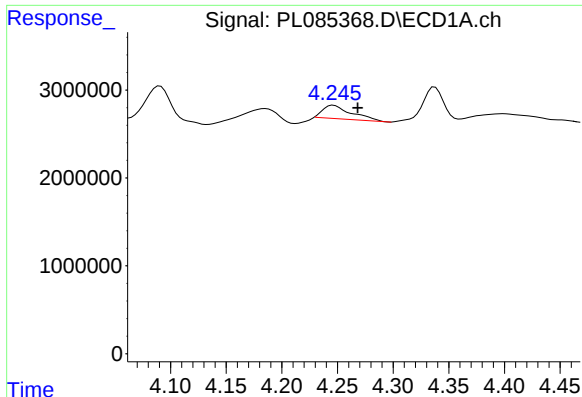
#2 alpha-BHC

R.T.: 3.913 min  
Delta R.T.: -0.021 min  
Response: 1942312  
Conc: 0.56 ng/ml



#2 alpha-BHC

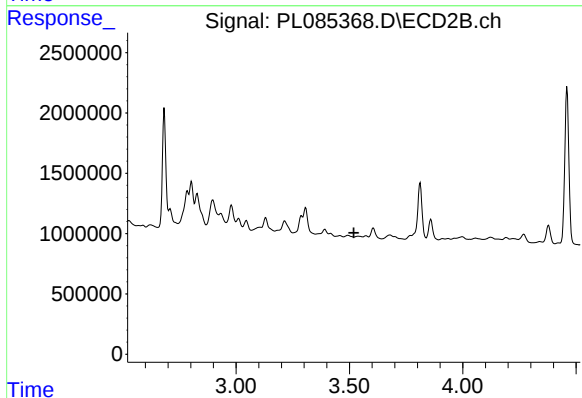
R.T.: 3.215 min  
Delta R.T.: 0.026 min  
Response: 1377764  
Conc: 0.84 ng/ml



#3 gamma-BHC (Lindane)

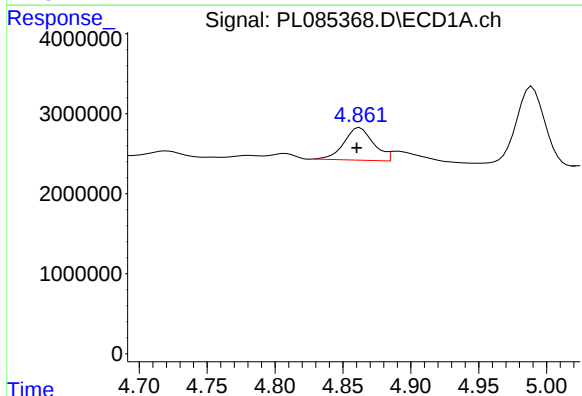
R.T.: 4.247 min  
Delta R.T.: -0.022 min  
Response: 2720013  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



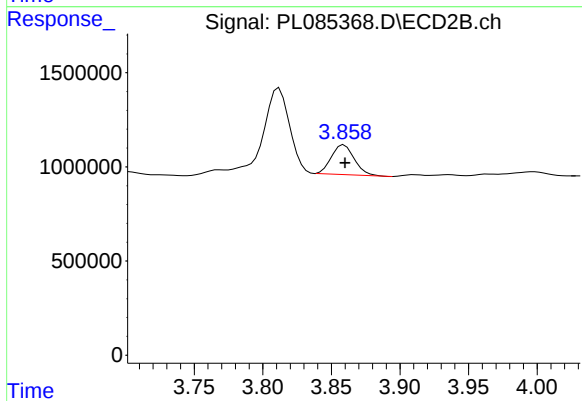
#3 gamma-BHC (Lindane)

R.T.: 3.540 min  
Delta R.T.: 0.021 min  
Response: -16212  
Conc: N.D.



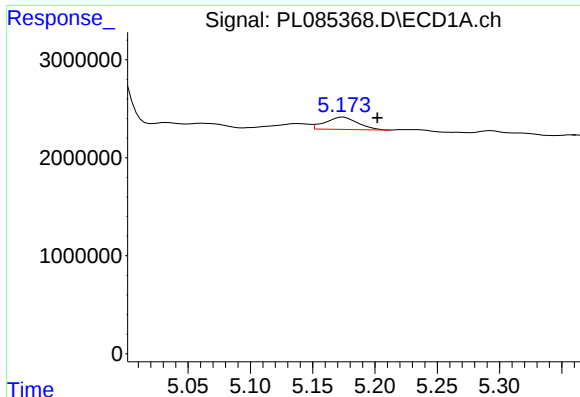
#4 Heptachlor

R.T.: 4.862 min  
Delta R.T.: 0.002 min  
Response: 6168814  
Conc: 1.87 ng/ml



#4 Heptachlor

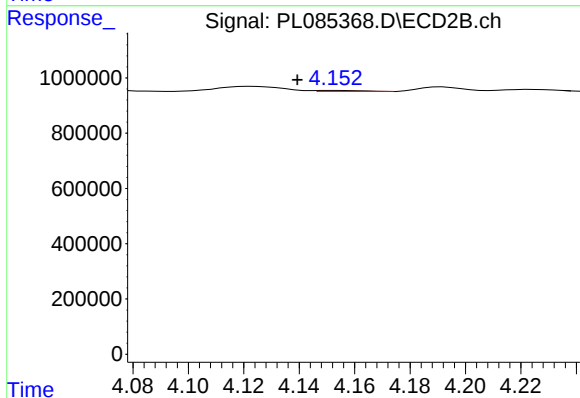
R.T.: 3.859 min  
Delta R.T.: 0.000 min  
Response: 1835972  
Conc: 1.21 ng/ml



#5 Aldrin

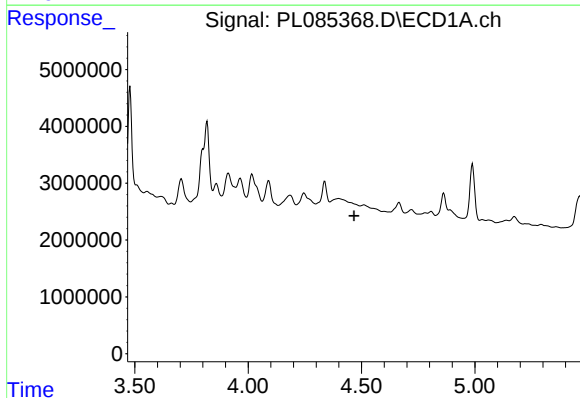
R.T.: 5.174 min  
Delta R.T.: -0.028 min  
Response: 2261154  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



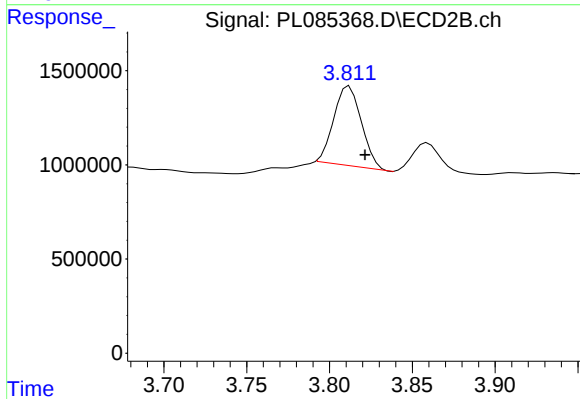
#5 Aldrin

R.T.: 4.154 min  
Delta R.T.: 0.014 min  
Response: 41148  
Conc: 0.03 ng/ml



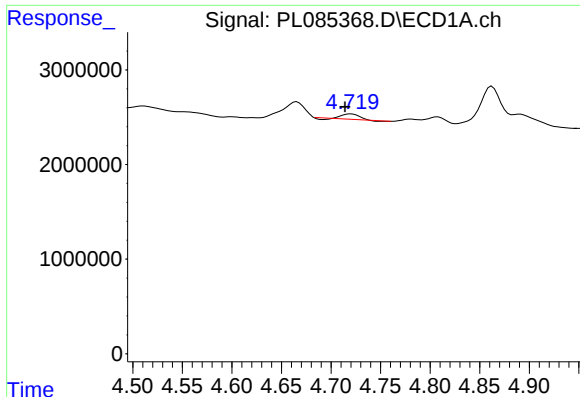
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.468 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

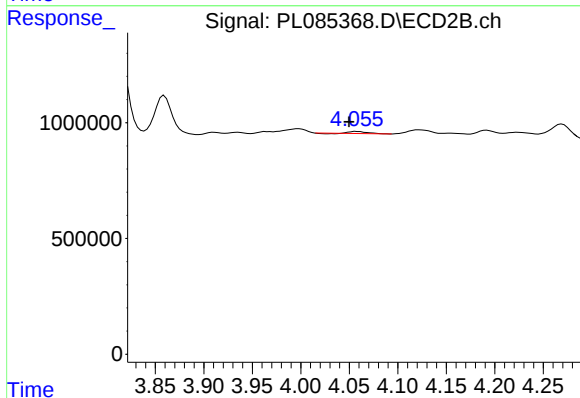
R.T.: 3.812 min  
Delta R.T.: -0.010 min  
Response: 4901982  
Conc: 7.22 ng/ml



#7 delta-BHC

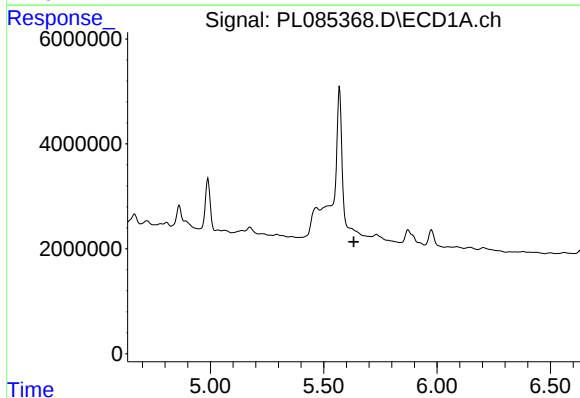
R.T.: 4.720 min  
Delta R.T.: 0.006 min  
Response: 557149  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



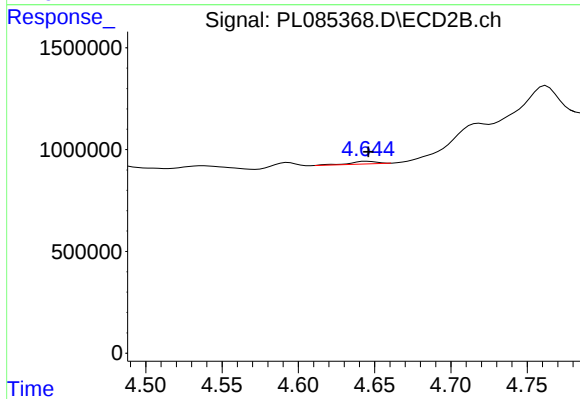
#7 delta-BHC

R.T.: 4.057 min  
Delta R.T.: 0.007 min  
Response: 94393  
Conc: 0.06 ng/ml



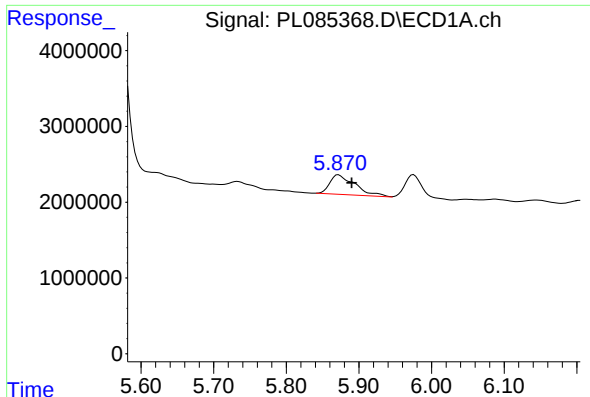
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.633 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

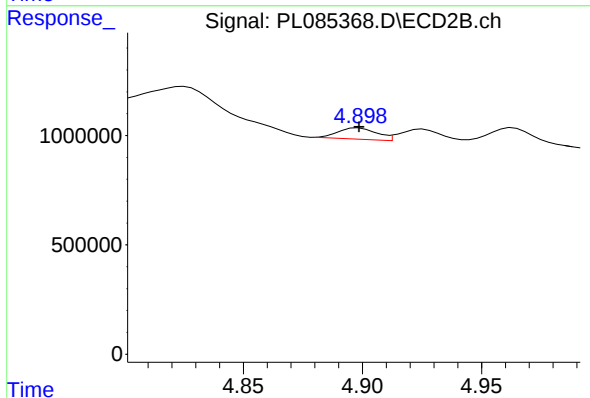
R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 163183  
Conc: 0.12 ng/ml



#10 gamma-Chlordane

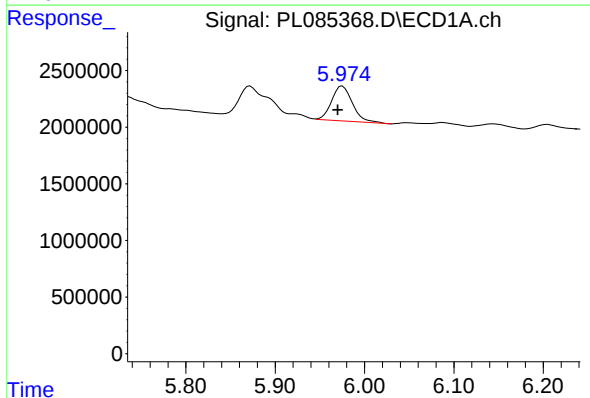
R.T.: 5.872 min  
Delta R.T.: -0.018 min  
Response: 6297477  
Conc: 2.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



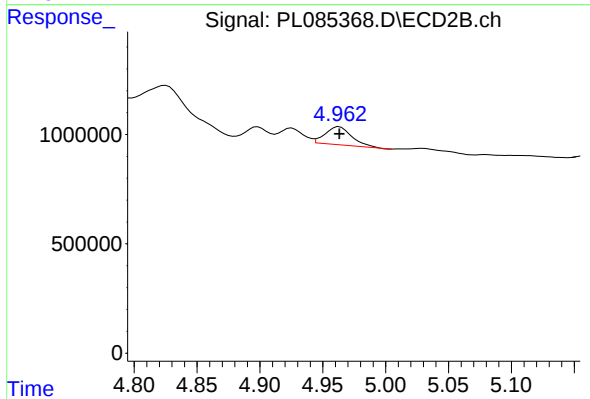
#10 gamma-Chlordane

R.T.: 4.898 min  
Delta R.T.: 0.000 min  
Response: 580294  
Conc: 0.42 ng/ml



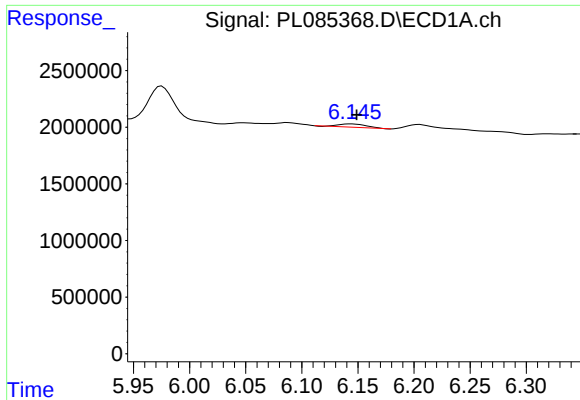
#11 alpha-Chlordane

R.T.: 5.975 min  
Delta R.T.: 0.005 min  
Response: 4993809  
Conc: 1.94 ng/ml



#11 alpha-Chlordane

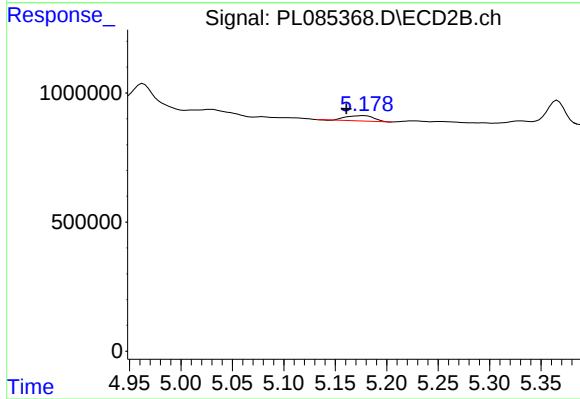
R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 1225995  
Conc: 0.82 ng/ml



#12 4,4'-DDE

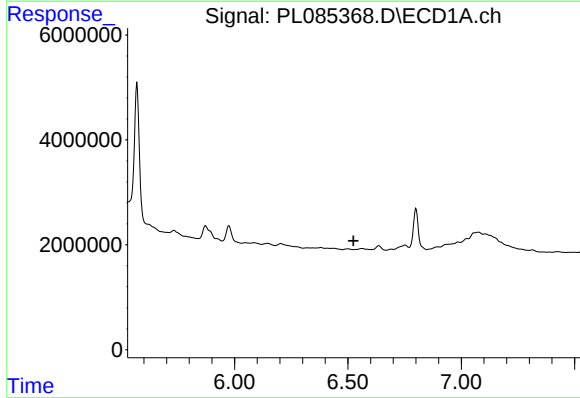
R.T.: 6.145 min  
Delta R.T.: -0.004 min  
Response: 510419  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



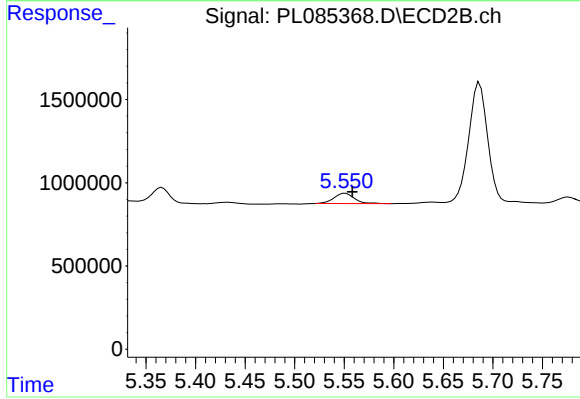
#12 4,4'-DDE

R.T.: 5.178 min  
Delta R.T.: 0.017 min  
Response: 376142  
Conc: 0.30 ng/ml



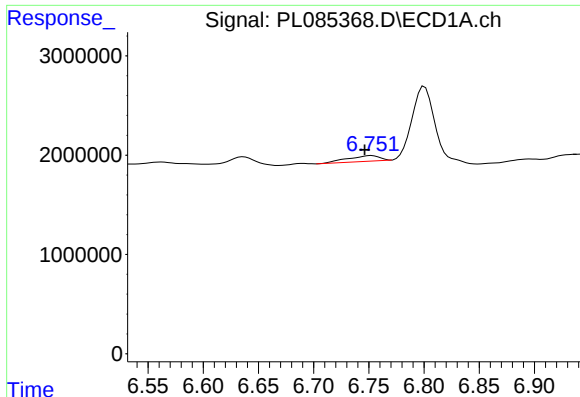
#14 Endrin

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



#14 Endrin

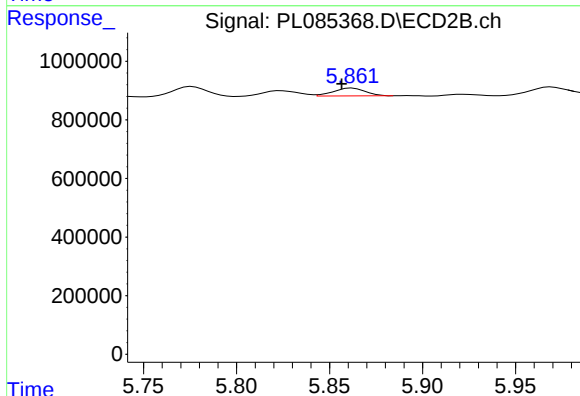
R.T.: 5.551 min  
Delta R.T.: -0.007 min  
Response: 886465  
Conc: 0.69 ng/ml



#15 Endosulfan II

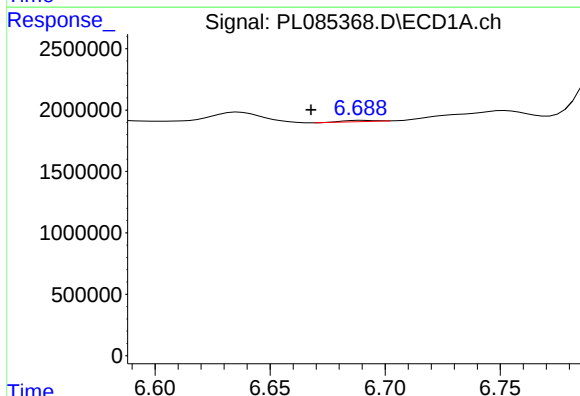
R.T.: 6.752 min  
Delta R.T.: 0.006 min  
Response: 1153299  
Conc: 0.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



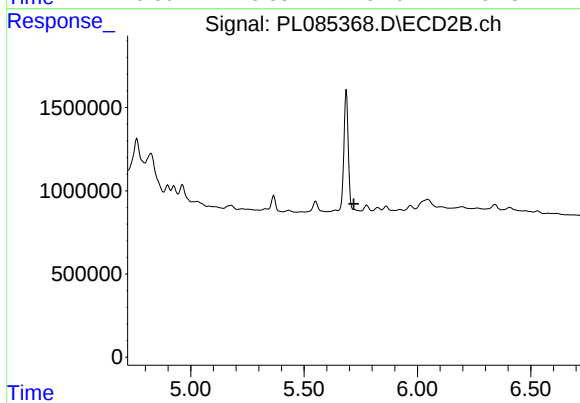
#15 Endosulfan II

R.T.: 5.862 min  
Delta R.T.: 0.006 min  
Response: 320019  
Conc: 0.26 ng/ml



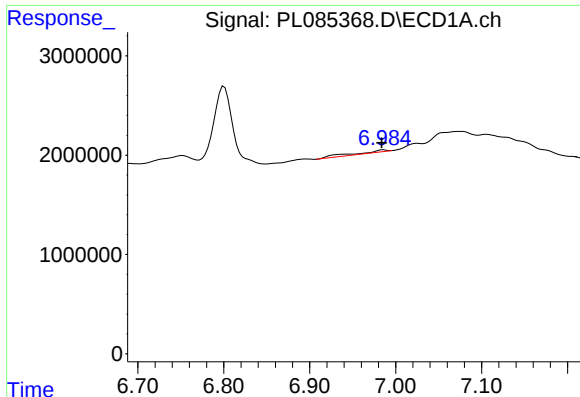
#16 4,4'-DDD

R.T.: 6.690 min  
Delta R.T.: 0.023 min  
Response: 96368  
Conc: 0.06 ng/ml



#16 4,4'-DDD

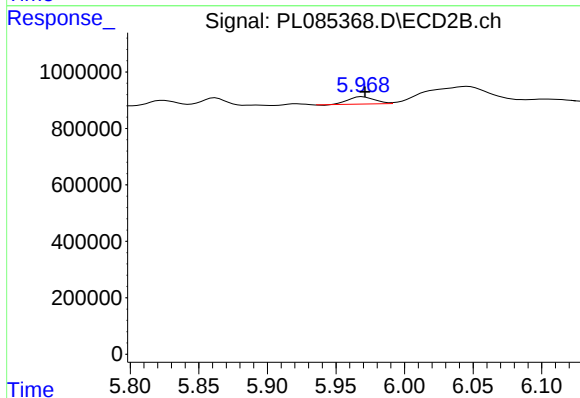
R.T.: 0.000 min  
Exp R.T. : 5.719 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

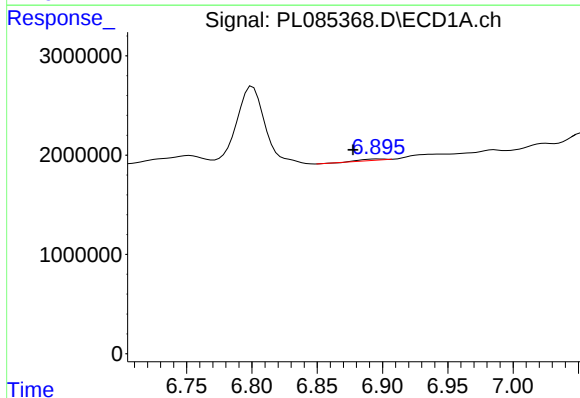
R.T.: 6.986 min  
Delta R.T.: 0.002 min  
Response: 598608  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



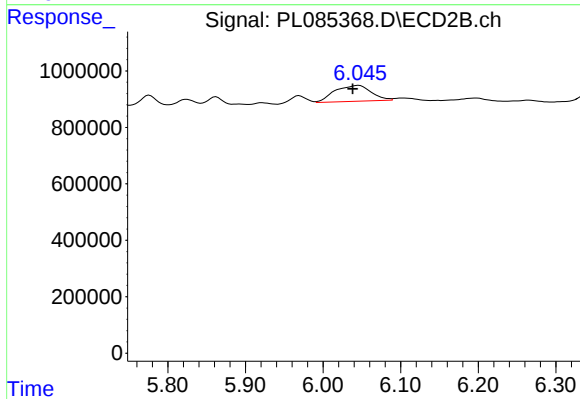
#17 4,4'-DDT

R.T.: 5.969 min  
Delta R.T.: -0.002 min  
Response: 349806  
Conc: 0.30 ng/ml



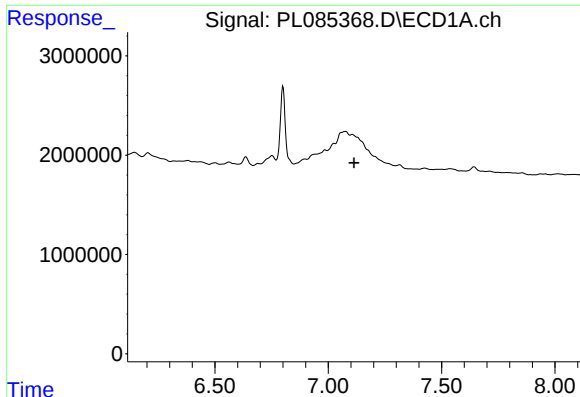
#18 Endrin aldehyde

R.T.: 6.897 min  
Delta R.T.: 0.019 min  
Response: 165108  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

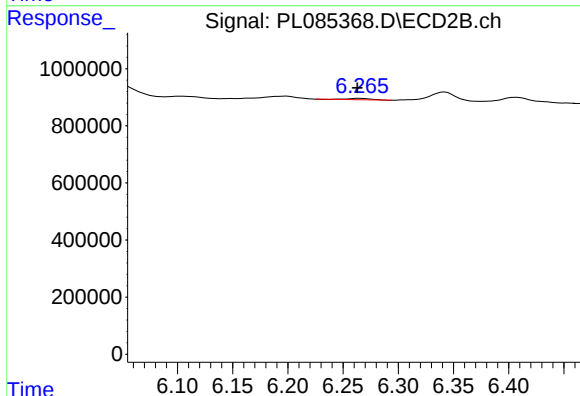
R.T.: 6.046 min  
Delta R.T.: 0.008 min  
Response: 1831404  
Conc: 1.79 ng/ml



#19 Endosulfan Sulfate

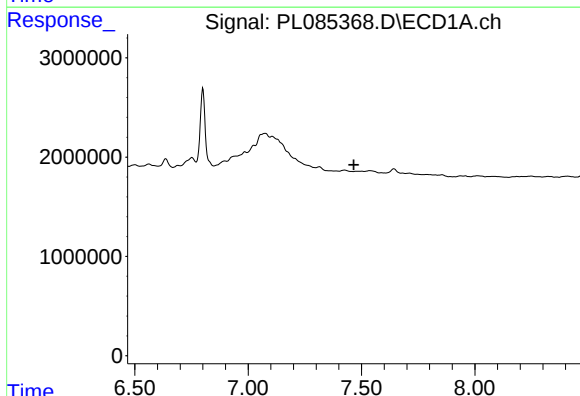
R.T.: 0.000 min  
Exp R.T.: 7.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



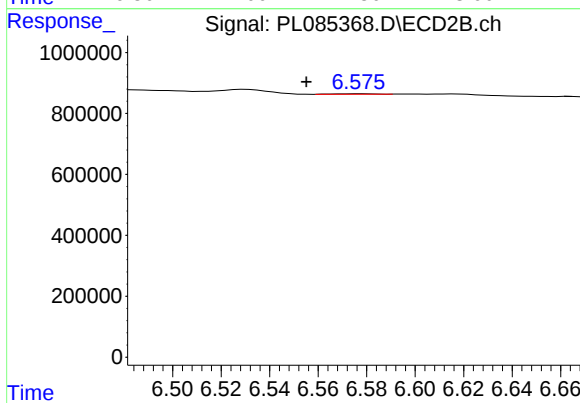
#19 Endosulfan Sulfate

R.T.: 6.265 min  
Delta R.T.: 0.002 min  
Response: 73546  
Conc: 0.06 ng/ml



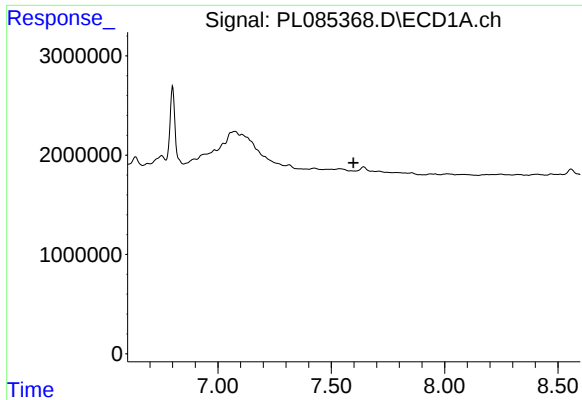
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.466 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

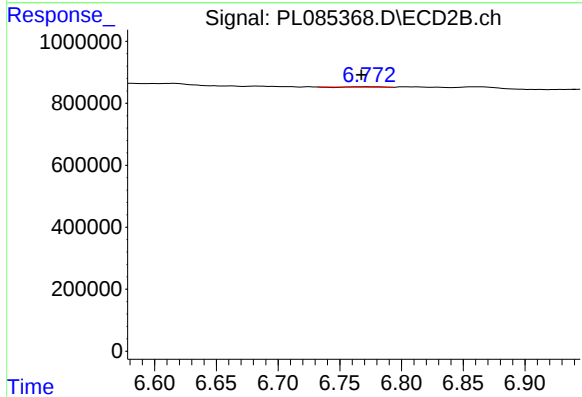
R.T.: 6.577 min  
Delta R.T.: 0.022 min  
Response: 16158  
Conc: 0.02 ng/ml



#21 Endrin ketone

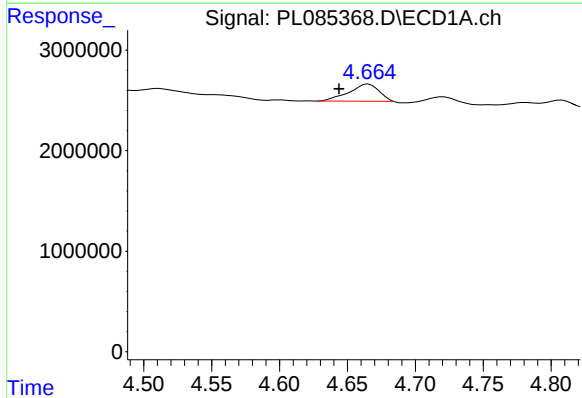
R.T.: 0.000 min  
Exp R.T.: 7.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



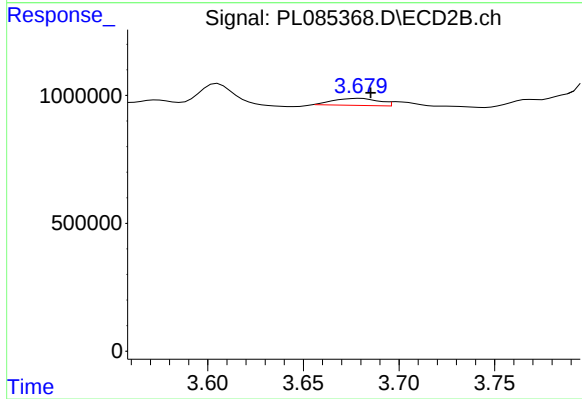
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: 0.006 min  
Response: 4632  
Conc: 0.00 ng/ml



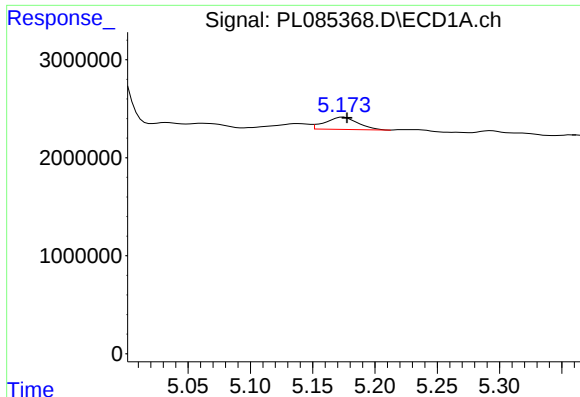
#23 Chlordane-1

R.T.: 4.666 min  
Delta R.T.: 0.022 min  
Response: 2640584  
Conc: 26.54 ng/ml



#23 Chlordane-1

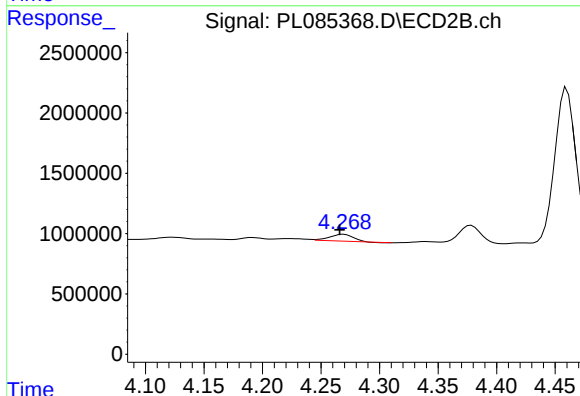
R.T.: 3.680 min  
Delta R.T.: -0.005 min  
Response: 445947  
Conc: 11.48 ng/ml



#24 Chlordane-2

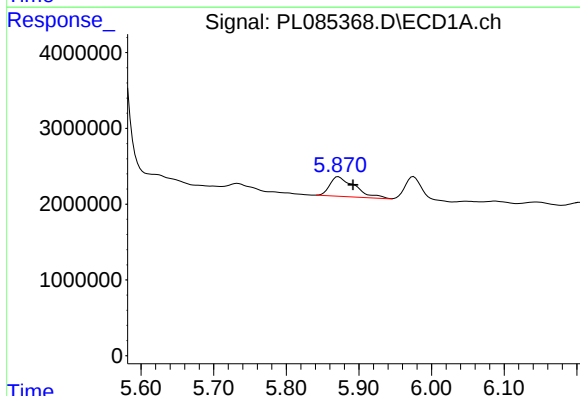
R.T.: 5.174 min  
Delta R.T.: -0.003 min  
Response: 2261154  
Conc: 21.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



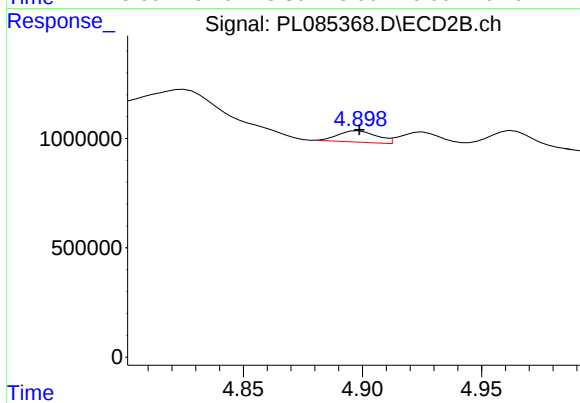
#24 Chlordane-2

R.T.: 4.269 min  
Delta R.T.: 0.003 min  
Response: 760590  
Conc: 15.78 ng/ml



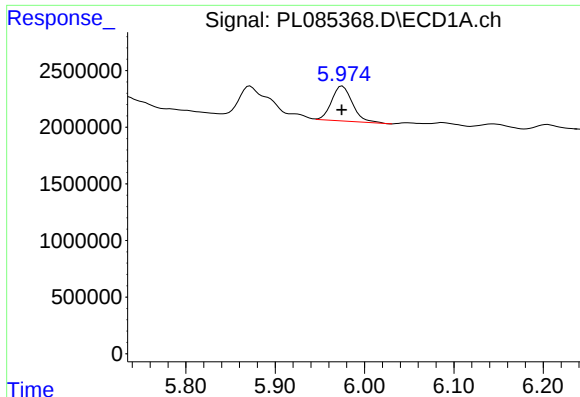
#25 Chlordane-3

R.T.: 5.872 min  
Delta R.T.: -0.020 min  
Response: 6297477  
Conc: 17.42 ng/ml



#25 Chlordane-3

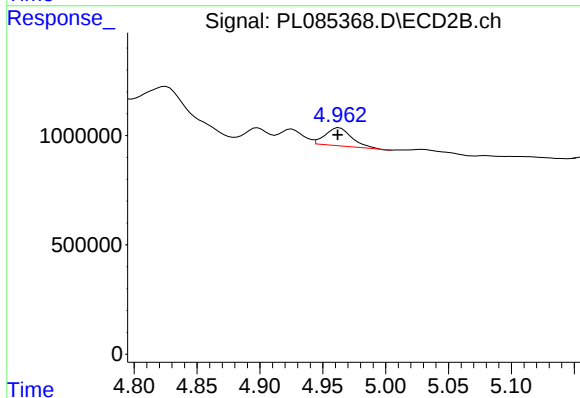
R.T.: 4.898 min  
Delta R.T.: 0.000 min  
Response: 580294  
Conc: 4.32 ng/ml



#26 Chlordane-4

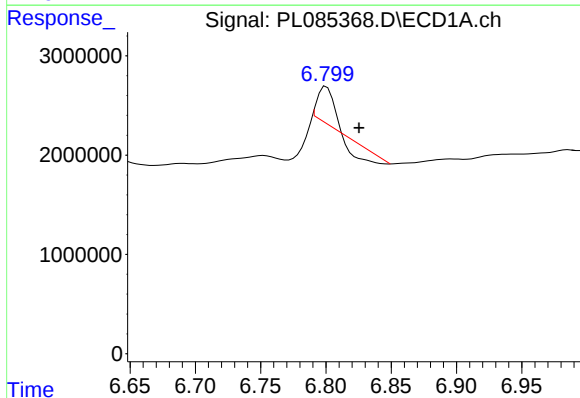
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 4993809  
Conc: 11.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



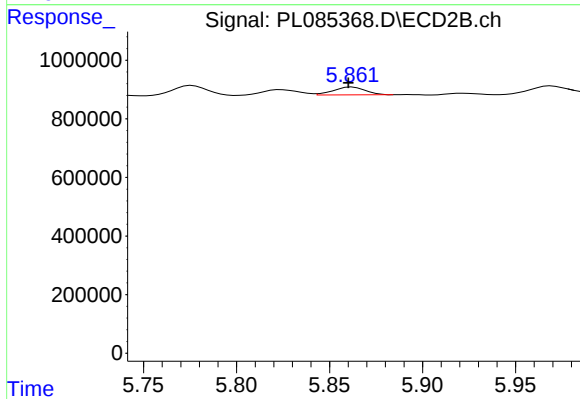
#26 Chlordane-4

R.T.: 4.963 min  
Delta R.T.: 0.001 min  
Response: 1225995  
Conc: 8.24 ng/ml



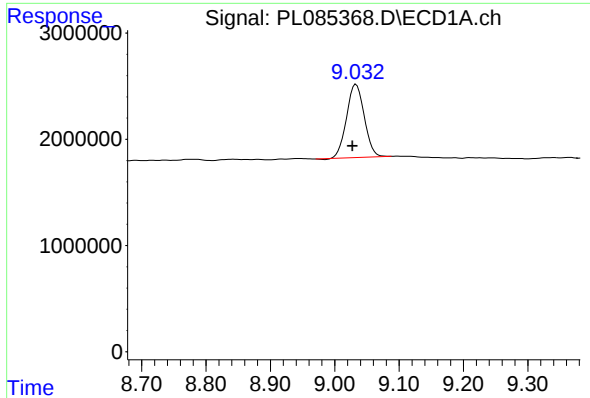
#27 Chlordane-5

R.T.: 6.800 min  
Delta R.T.: -0.025 min  
Response: 1250117  
Conc: 17.91 ng/ml



#27 Chlordane-5

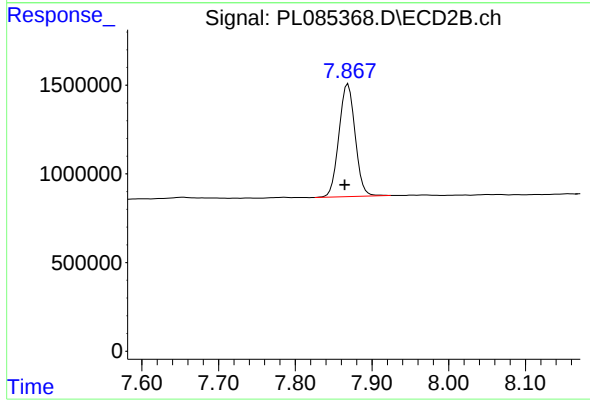
R.T.: 5.862 min  
Delta R.T.: 0.002 min  
Response: 320019  
Conc: 6.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.033 min  
Delta R.T.: 0.006 min  
Response: 13188477  
Conc: 8.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: 0.005 min  
Response: 9328615  
Conc: 7.01 ng/ml