

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121723\  
 Data File : PL087203.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2023 10:50  
 Operator : AR\AJ  
 Sample : 05827-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 21:58:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.427  | 2.682  | 61006744 | 25941438 | 16.210 | 15.411   |
| 28)                         | SA Decachlor... | 8.985  | 7.875  | 38296910 | 15391337 | 11.231 | 9.113    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.174f | 0        | 122633   | N.D.   | 0.050 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.520  | 0        | 12692160 | N.D.   | 5.239 #  |
| 4)                          | MA Heptachlor   | 4.836f | 3.841f | 996394   | 814177   | 0.187  | 0.341 #  |
| 5)                          | MB Aldrin       | 5.149  | 4.154  | 790223   | 206852   | 0.152  | 0.086 #  |
| 6)                          | B beta-BHC      | 4.439f | 3.841f | -526300  | 814177   | N.D.   | 0.782    |
| 7)                          | B delta-BHC     | 4.667  | 4.038  | 2414927  | 1666019  | 0.462  | 0.681 #  |
| 8)                          | B Heptachlo...  | 5.583  | 4.643  | 5774037  | 98135    | 1.225  | 0.044 #  |
| 9)                          | A Endosulfan I  | 5.961  | 5.043f | 2960253  | 22161052 | 0.663  | 10.254 # |
| 10)                         | B gamma-Chl...  | 5.817f | 4.900  | 13917030 | 234351   | 2.871  | 0.102 #  |
| 11)                         | B alpha-Chl...  | 5.915  | 4.979  | 6514684  | 1456567  | 1.355  | 0.631 #  |
| 12)                         | B 4,4'-DDE      | 6.104  | 5.166  | 3091212  | 2627167  | 0.746  | 1.323 #  |
| 13)                         | MA Dieldrin     | 6.248  | 5.295  | -29524   | 5014806  | N.D.   | 2.251    |
| 14)                         | MA Endrin       | 6.483  | 5.560  | 987980   | 1003312  | 0.257  | 0.503 #  |
| 15)                         | B Endosulfa...  | 6.699  | 5.870  | 1880175  | 1479972  | 0.469  | 0.760 #  |
| 16)                         | A 4,4'-DDD      | 6.605f | 5.724  | 8670309  | 272364   | 2.623  | 0.164 #  |
| 17)                         | MA 4,4'-DDT     | 6.939  | 5.977  | 7190787  | 3267486  | 1.912  | 1.772    |
| 18)                         | B Endrin al...  | 6.836  | 6.061f | 728114   | 998679   | 0.251  | 0.680 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.280  | 0        | 953230   | N.D.   | 0.506 #  |
| 20)                         | A Methoxychlor  | 7.458f | 6.576  | 18746186 | 11509681 | 9.614  | 11.269   |
| 22)                         | Mirex           | 8.039  | 6.956  | 872475   | 293621   | 0.259  | 0.165 #  |
| 23)                         | Chlordane-1     | 4.576f | 3.696  | 2084604  | 952305   | 13.212 | 15.351   |
| 24)                         | Chlordane-2     | 5.149f | 0.000  | 790223   | 0        | 4.537  | N.D. #   |
| 25)                         | Chlordane-3     | 5.817f | 4.900  | 13917030 | 234351   | 19.965 | 1.060 #  |
| 26)                         | Chlordane-4     | 5.915  | 4.979  | 6514684  | 1456567  | 7.619  | 6.256    |
| 27)                         | Chlordane-5     | 6.756f | 5.653  | 514341   | 1559400  | 3.724  | 24.103 # |
| -----                       |                 |        |        |          |          |        |          |

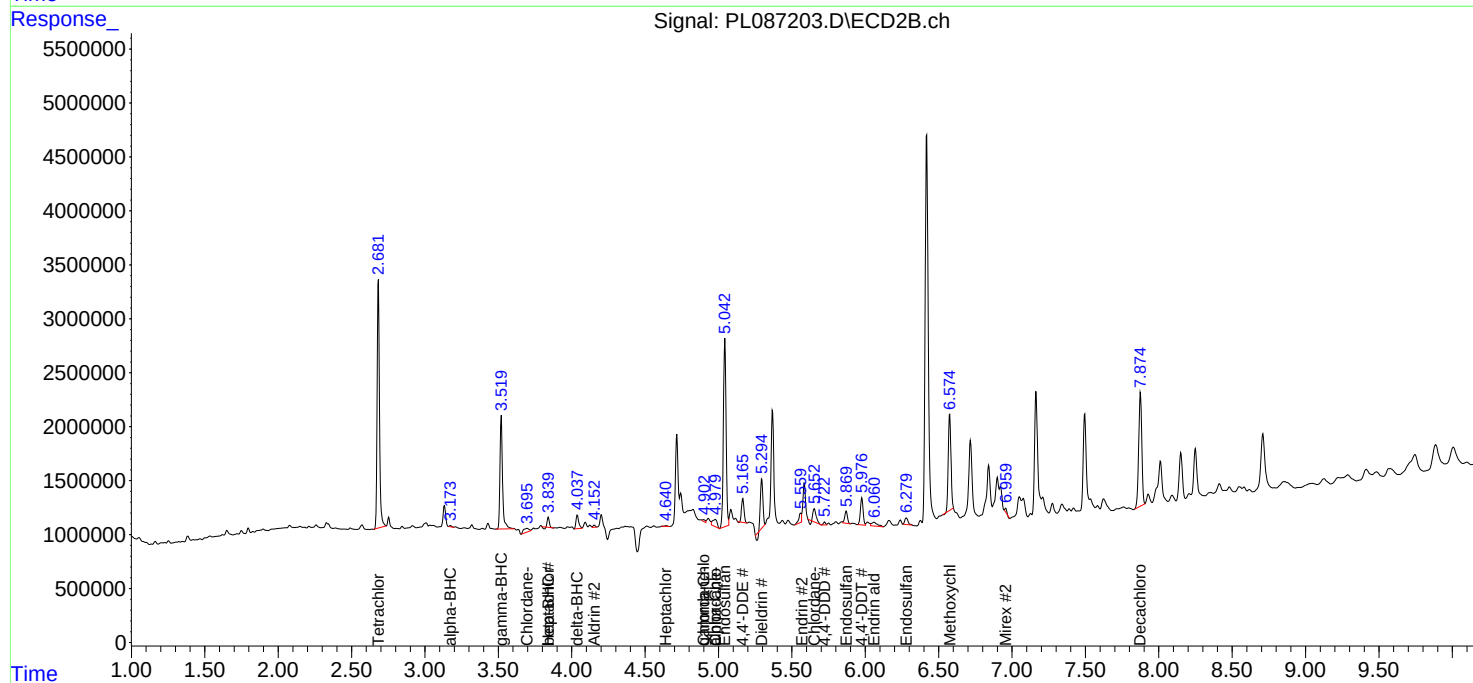
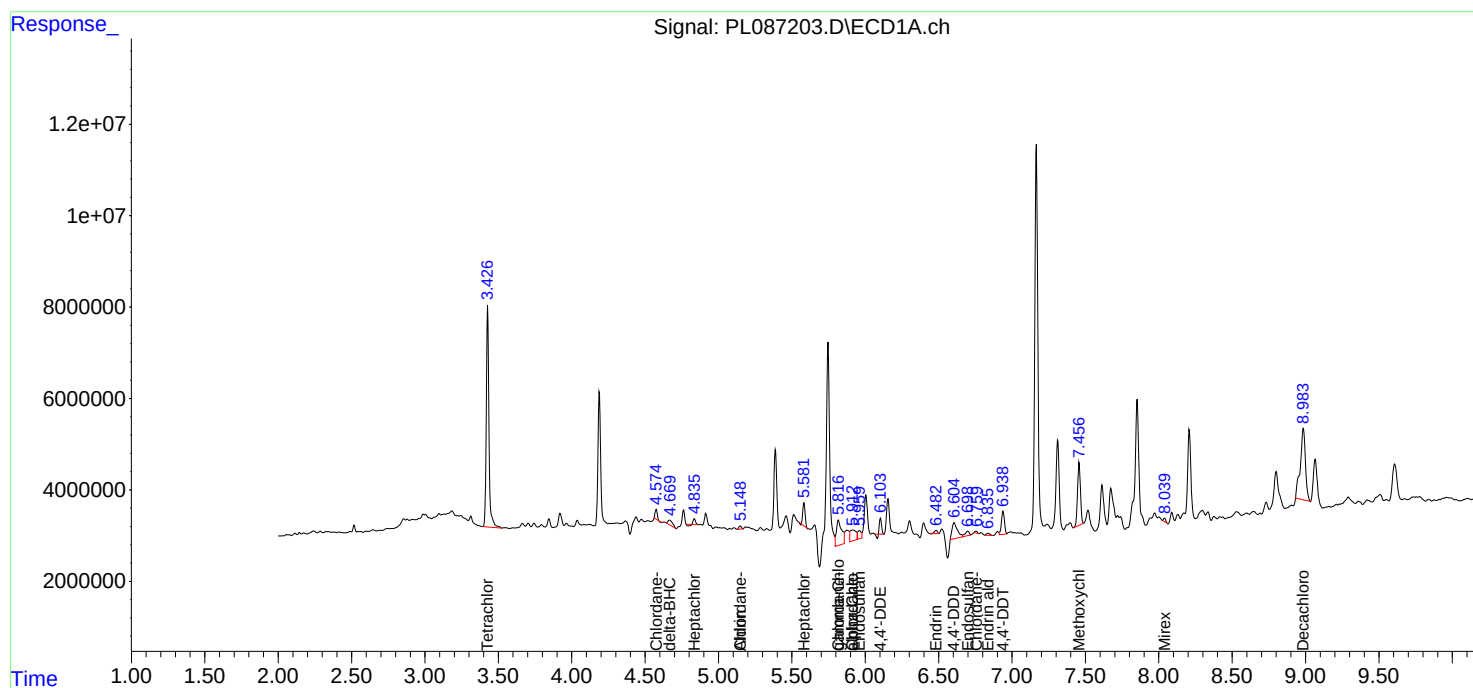
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

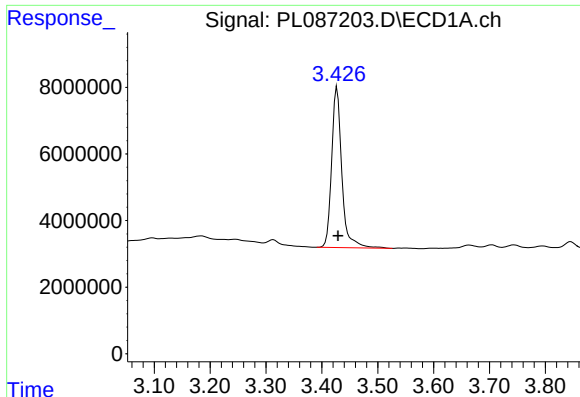
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121723\  
Data File : PL087203.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2023 10:50  
Operator : AR\AJ  
Sample : 05827-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 21:58:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

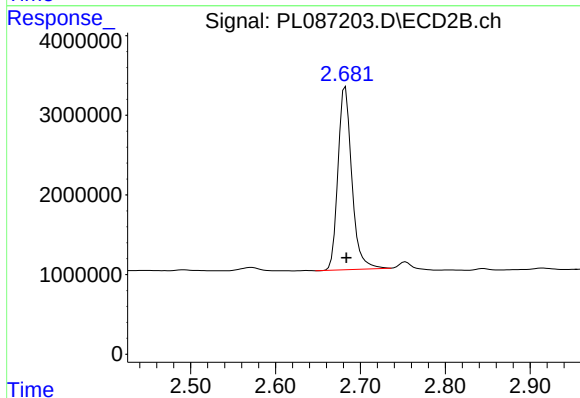




#1 Tetrachloro-m-xylene

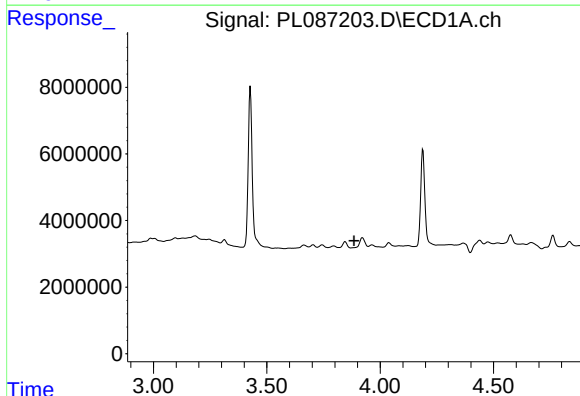
R.T.: 3.427 min  
Delta R.T.: -0.002 min  
Response: 61006744  
Conc: 16.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



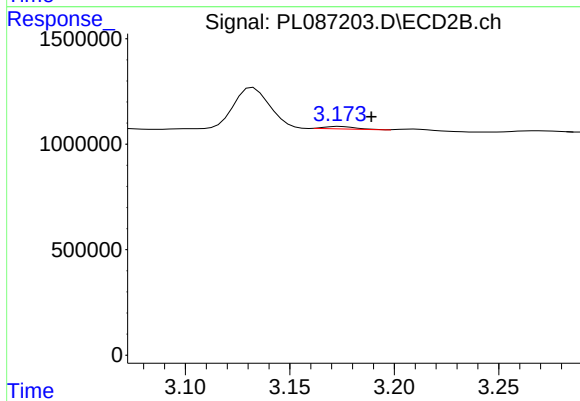
#1 Tetrachloro-m-xylene

R.T.: 2.682 min  
Delta R.T.: -0.001 min  
Response: 25941438  
Conc: 15.41 ng/ml



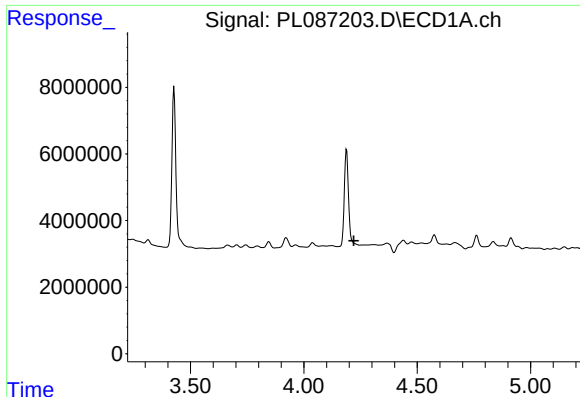
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.885 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

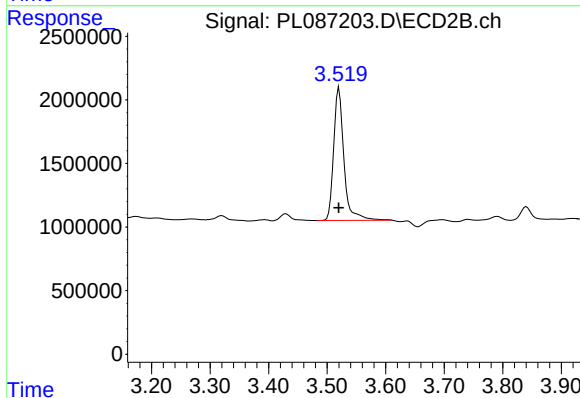
R.T.: 3.174 min  
Delta R.T.: -0.015 min  
Response: 122633  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

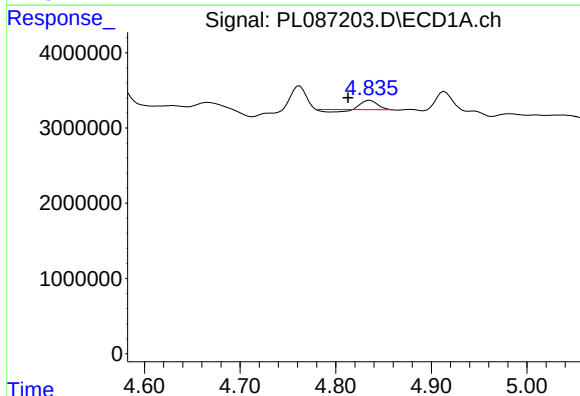
R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



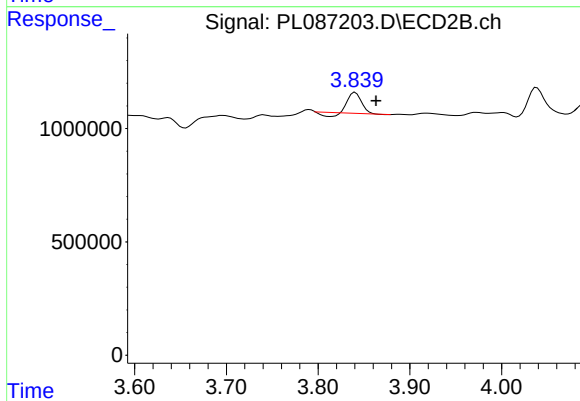
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 12692160  
Conc: 5.24 ng/ml



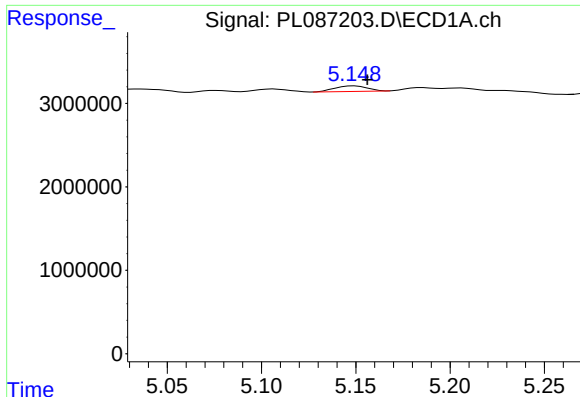
#4 Heptachlor

R.T.: 4.836 min  
Delta R.T.: 0.023 min  
Response: 996394  
Conc: 0.19 ng/ml



#4 Heptachlor

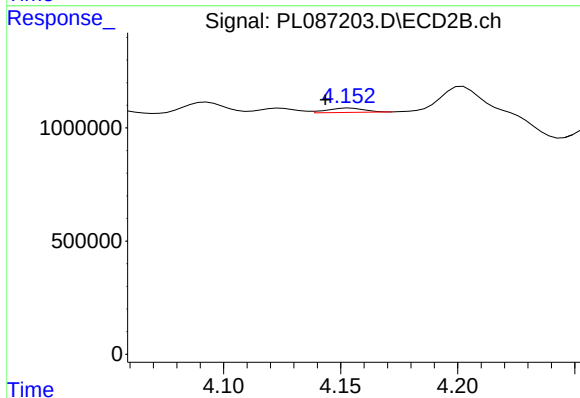
R.T.: 3.841 min  
Delta R.T.: -0.022 min  
Response: 814177  
Conc: 0.34 ng/ml



#5 Aldrin

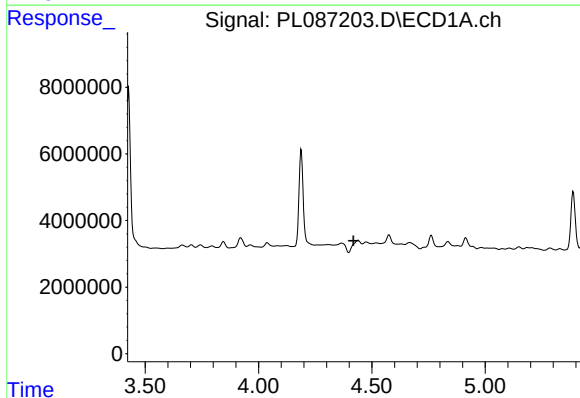
R.T.: 5.149 min  
Delta R.T.: -0.007 min  
Response: 790223  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



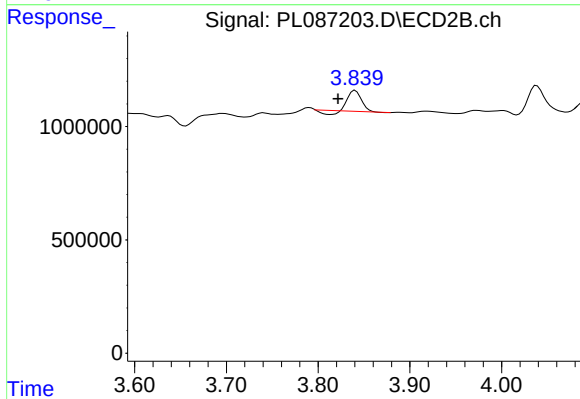
#5 Aldrin

R.T.: 4.154 min  
Delta R.T.: 0.011 min  
Response: 206852  
Conc: 0.09 ng/ml



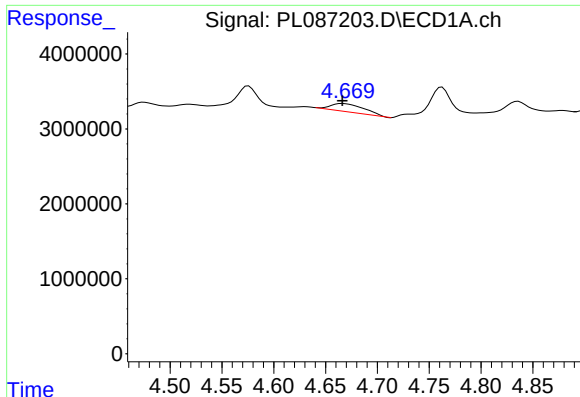
#6 beta-BHC

R.T.: 4.439 min  
Delta R.T.: 0.020 min  
Response: -526300  
Conc: N.D.



#6 beta-BHC

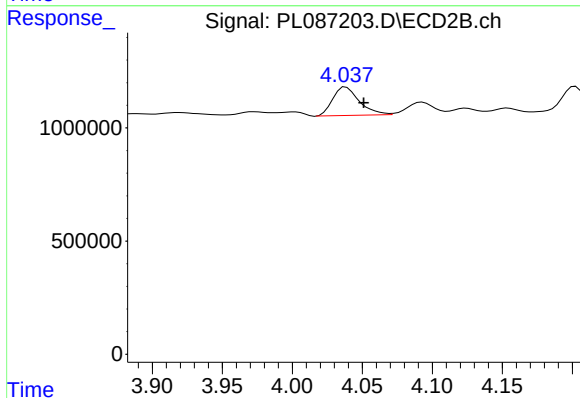
R.T.: 3.841 min  
Delta R.T.: 0.019 min  
Response: 814177  
Conc: 0.78 ng/ml



#7 delta-BHC

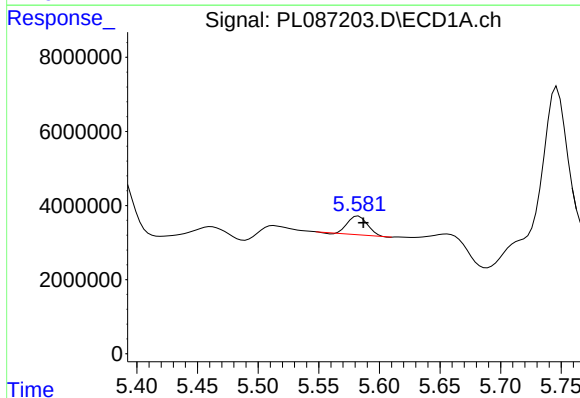
R.T.: 4.667 min  
Delta R.T.: 0.000 min  
Response: 2414927  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



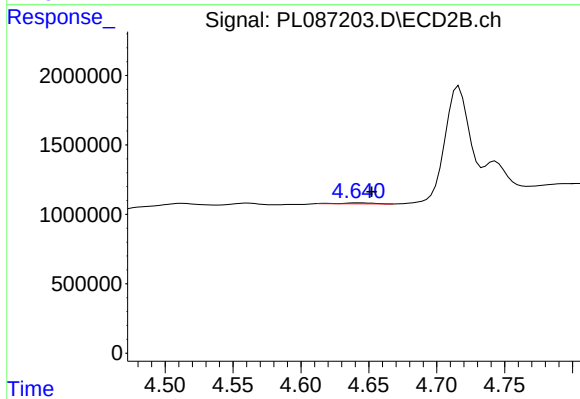
#7 delta-BHC

R.T.: 4.038 min  
Delta R.T.: -0.013 min  
Response: 1666019  
Conc: 0.68 ng/ml



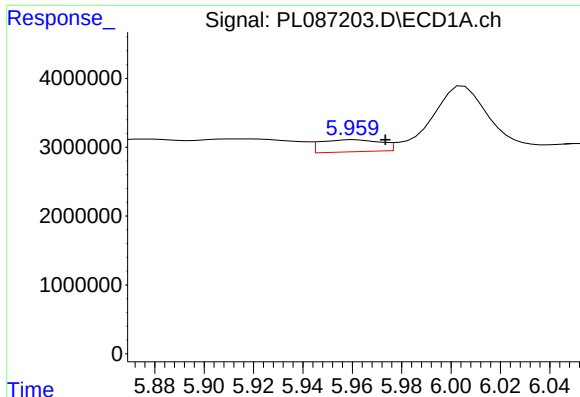
#8 Heptachlor epoxide

R.T.: 5.583 min  
Delta R.T.: -0.004 min  
Response: 5774037  
Conc: 1.23 ng/ml



#8 Heptachlor epoxide

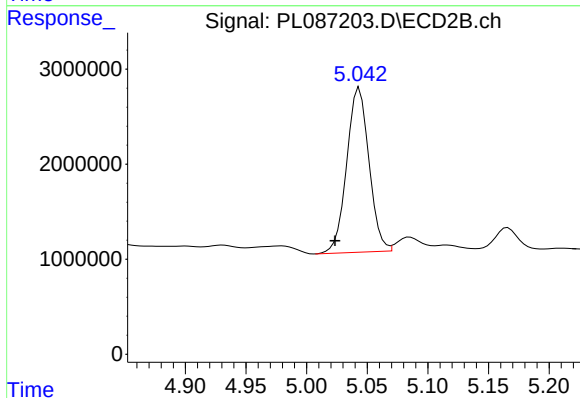
R.T.: 4.643 min  
Delta R.T.: -0.009 min  
Response: 98135  
Conc: 0.04 ng/ml



#9 Endosulfan I

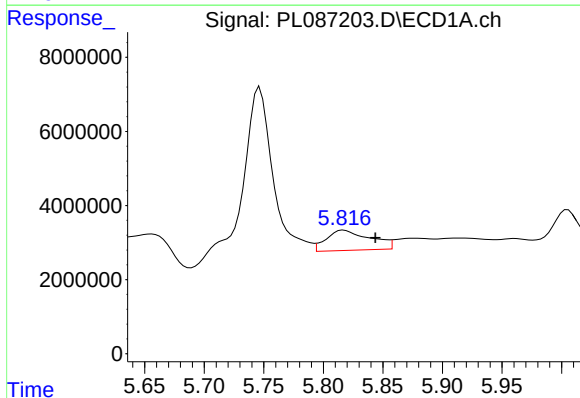
R.T.: 5.961 min  
Delta R.T.: -0.013 min  
Response: 2960253  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



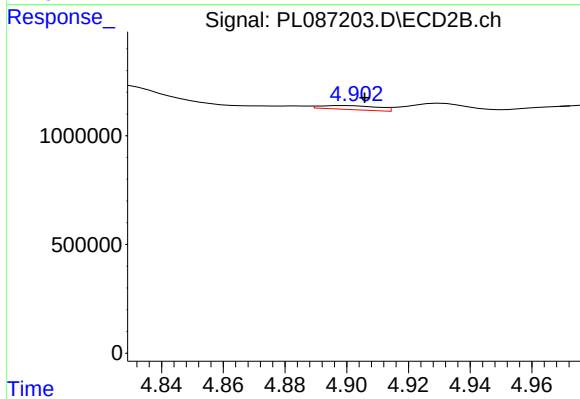
#9 Endosulfan I

R.T.: 5.043 min  
Delta R.T.: 0.020 min  
Response: 22161052  
Conc: 10.25 ng/ml



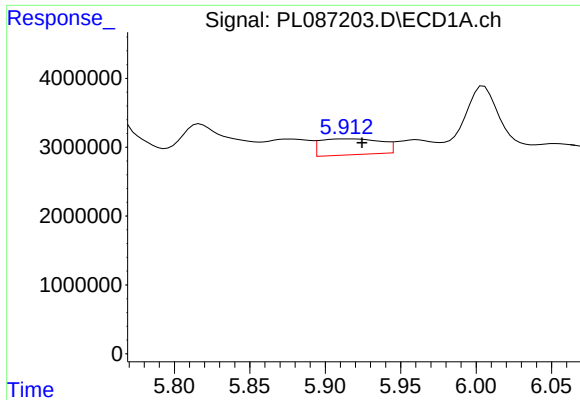
#10 gamma-Chlordane

R.T.: 5.817 min  
Delta R.T.: -0.027 min  
Response: 13917030  
Conc: 2.87 ng/ml



#10 gamma-Chlordane

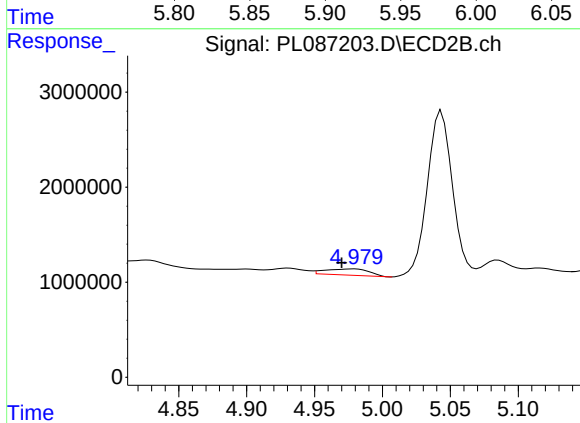
R.T.: 4.900 min  
Delta R.T.: -0.006 min  
Response: 234351  
Conc: 0.10 ng/ml



#11 alpha-Chlordane

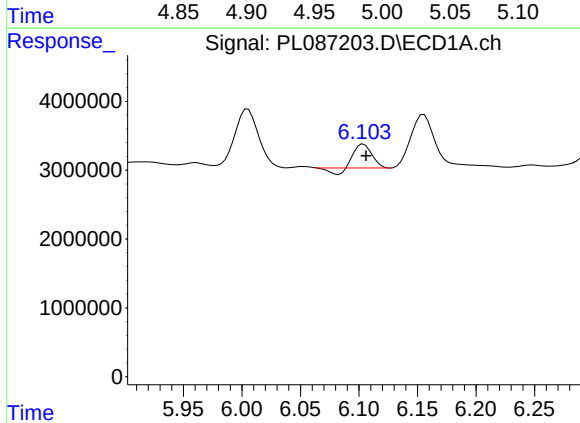
R.T.: 5.915 min  
Delta R.T.: -0.009 min  
Response: 6514684  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



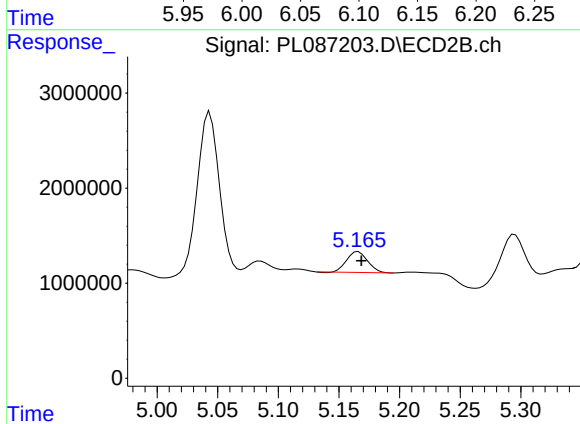
#11 alpha-Chlordane

R.T.: 4.979 min  
Delta R.T.: 0.009 min  
Response: 1456567  
Conc: 0.63 ng/ml



#12 4,4'-DDE

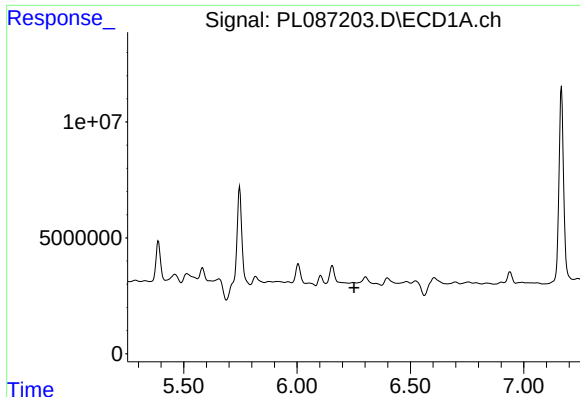
R.T.: 6.104 min  
Delta R.T.: -0.002 min  
Response: 3091212  
Conc: 0.75 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min  
Delta R.T.: -0.003 min  
Response: 2627167  
Conc: 1.32 ng/ml

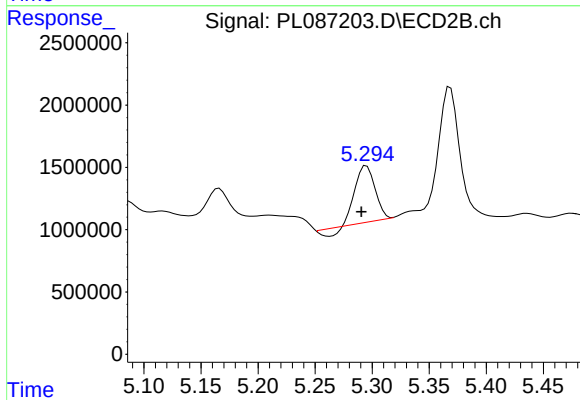




#13 Dieldrin

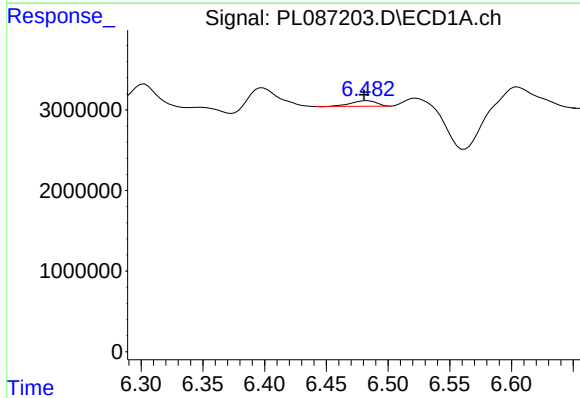
R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: -29524  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



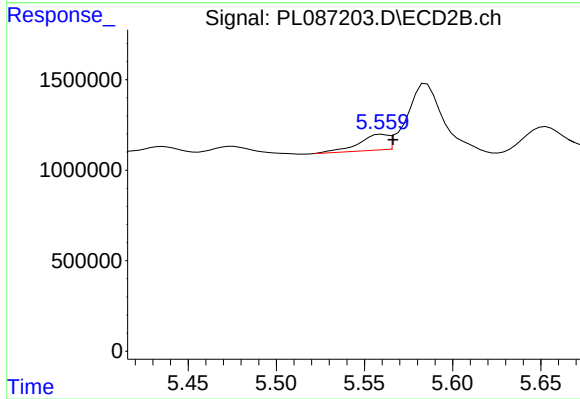
#13 Dieldrin

R.T.: 5.295 min  
Delta R.T.: 0.004 min  
Response: 5014806  
Conc: 2.25 ng/ml



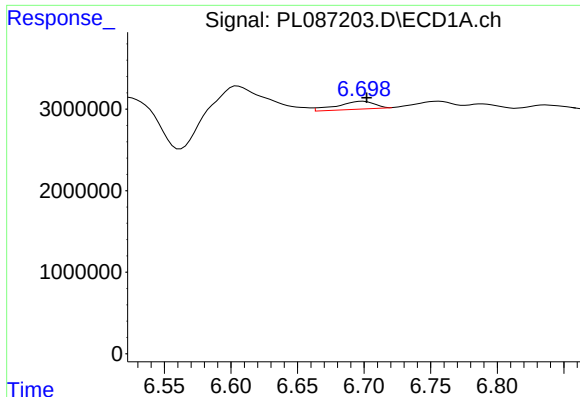
#14 Endrin

R.T.: 6.483 min  
Delta R.T.: 0.003 min  
Response: 987980  
Conc: 0.26 ng/ml



#14 Endrin

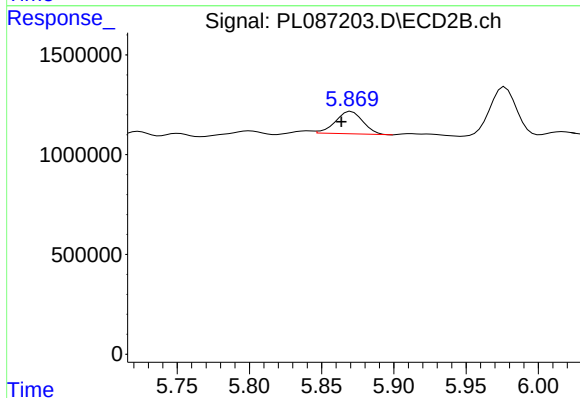
R.T.: 5.560 min  
Delta R.T.: -0.006 min  
Response: 1003312  
Conc: 0.50 ng/ml



#15 Endosulfan II

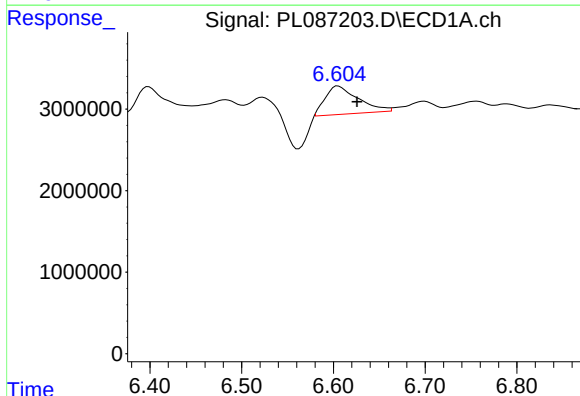
R.T.: 6.699 min  
Delta R.T.: -0.003 min  
Response: 1880175  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



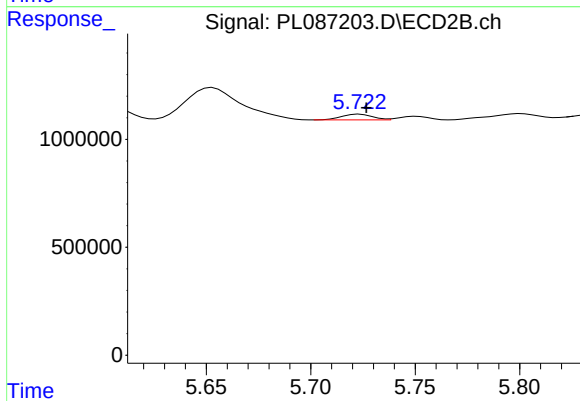
#15 Endosulfan II

R.T.: 5.870 min  
Delta R.T.: 0.007 min  
Response: 1479972  
Conc: 0.76 ng/ml



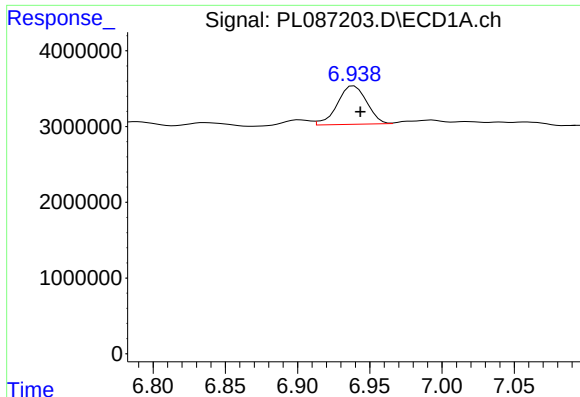
#16 4,4'-DDD

R.T.: 6.605 min  
Delta R.T.: -0.021 min  
Response: 8670309  
Conc: 2.62 ng/ml



#16 4,4'-DDD

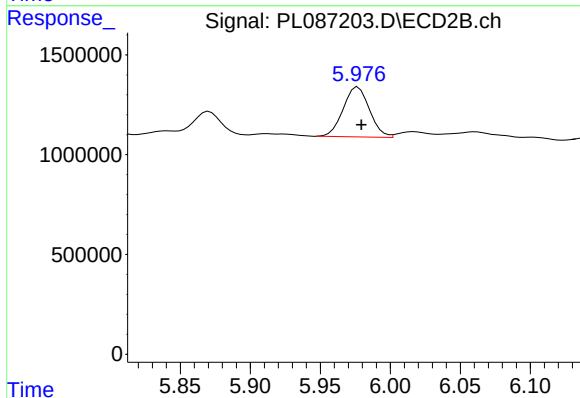
R.T.: 5.724 min  
Delta R.T.: -0.003 min  
Response: 272364  
Conc: 0.16 ng/ml



#17 4,4'-DDT

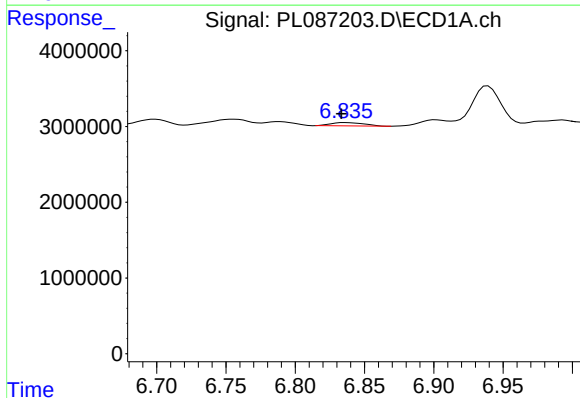
R.T.: 6.939 min  
Delta R.T.: -0.004 min  
Response: 7190787  
Conc: 1.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



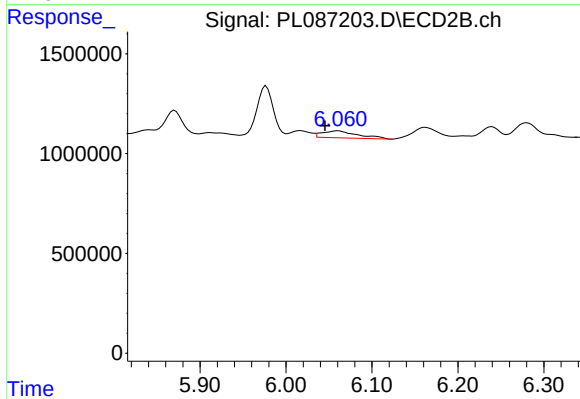
#17 4,4'-DDT

R.T.: 5.977 min  
Delta R.T.: -0.003 min  
Response: 3267486  
Conc: 1.77 ng/ml



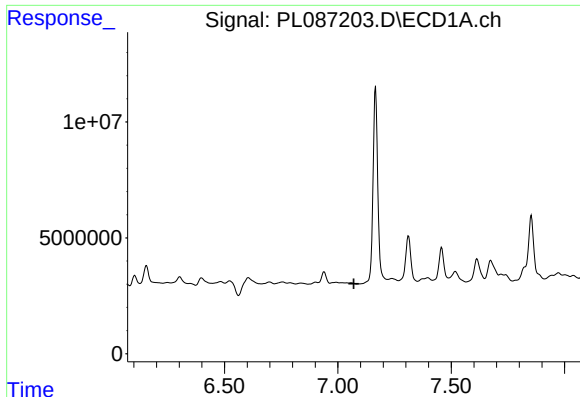
#18 Endrin aldehyde

R.T.: 6.836 min  
Delta R.T.: 0.003 min  
Response: 728114  
Conc: 0.25 ng/ml



#18 Endrin aldehyde

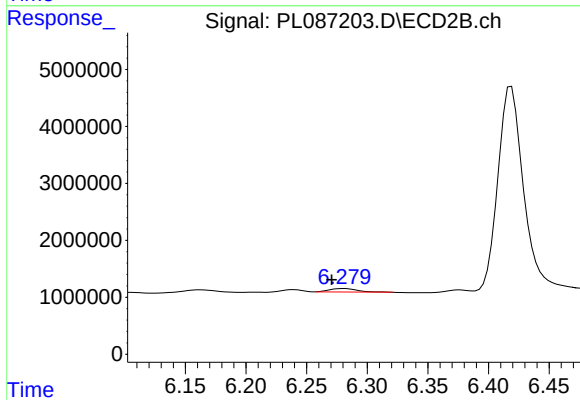
R.T.: 6.061 min  
Delta R.T.: 0.016 min  
Response: 998679  
Conc: 0.68 ng/ml



#19 Endosulfan Sulfate

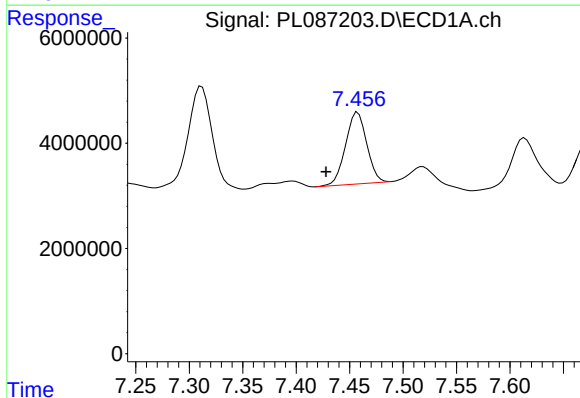
R.T.: 0.000 min  
Exp R.T.: 7.070 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



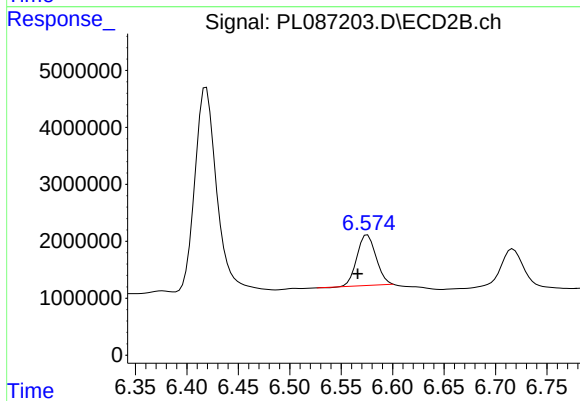
#19 Endosulfan Sulfate

R.T.: 6.280 min  
Delta R.T.: 0.010 min  
Response: 953230  
Conc: 0.51 ng/ml



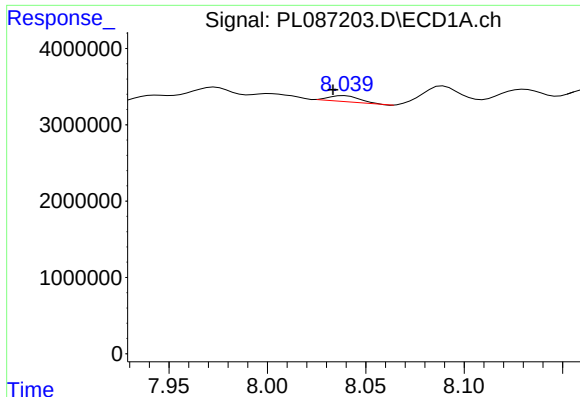
#20 Methoxychlor

R.T.: 7.458 min  
Delta R.T.: 0.030 min  
Response: 18746186  
Conc: 9.61 ng/ml



#20 Methoxychlor

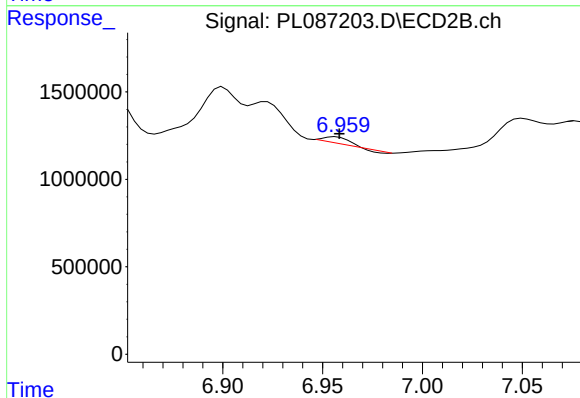
R.T.: 6.576 min  
Delta R.T.: 0.010 min  
Response: 11509681  
Conc: 11.27 ng/ml



#22 Mirex

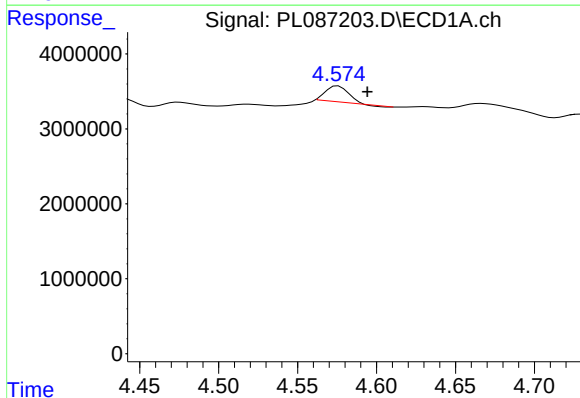
R.T.: 8.039 min  
Delta R.T.: 0.006 min  
Response: 872475  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



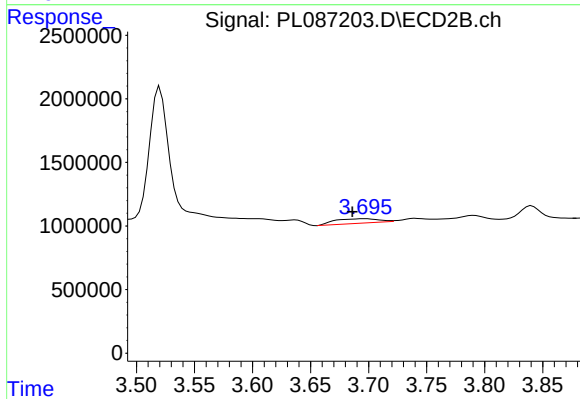
#22 Mirex

R.T.: 6.956 min  
Delta R.T.: -0.002 min  
Response: 293621  
Conc: 0.17 ng/ml



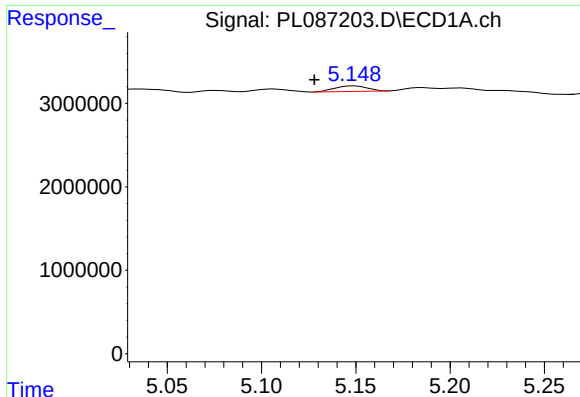
#23 Chlordane-1

R.T.: 4.576 min  
Delta R.T.: -0.018 min  
Response: 2084604  
Conc: 13.21 ng/ml



#23 Chlordane-1

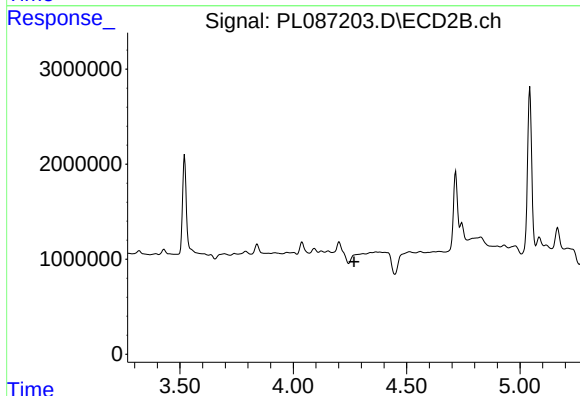
R.T.: 3.696 min  
Delta R.T.: 0.010 min  
Response: 952305  
Conc: 15.35 ng/ml



#24 Chlordane-2

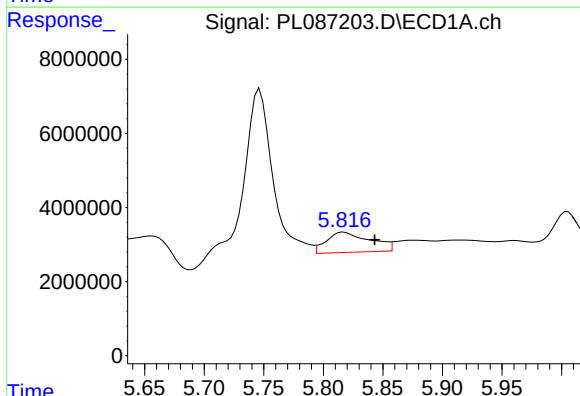
R.T.: 5.149 min  
Delta R.T.: 0.021 min  
Response: 790223  
Conc: 4.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



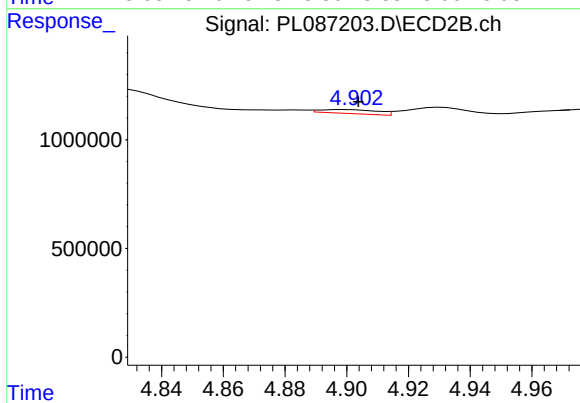
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.269 min  
Response: 0  
Conc: N.D.



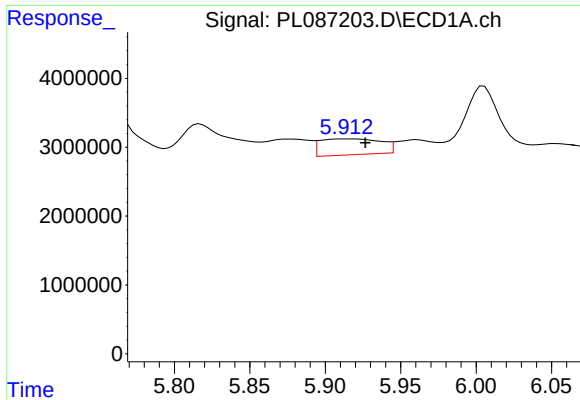
#25 Chlordane-3

R.T.: 5.817 min  
Delta R.T.: -0.026 min  
Response: 13917030  
Conc: 19.97 ng/ml



#25 Chlordane-3

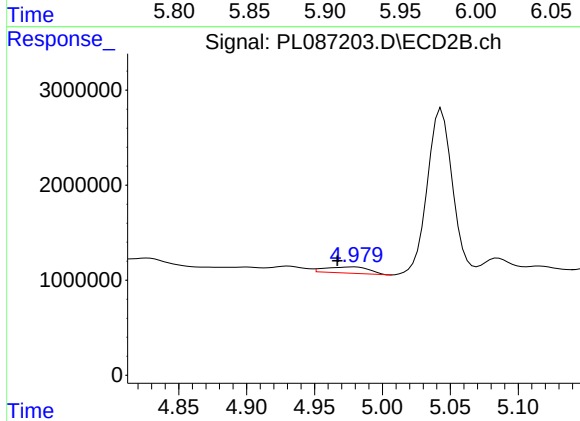
R.T.: 4.900 min  
Delta R.T.: -0.004 min  
Response: 234351  
Conc: 1.06 ng/ml



#26 Chlordane-4

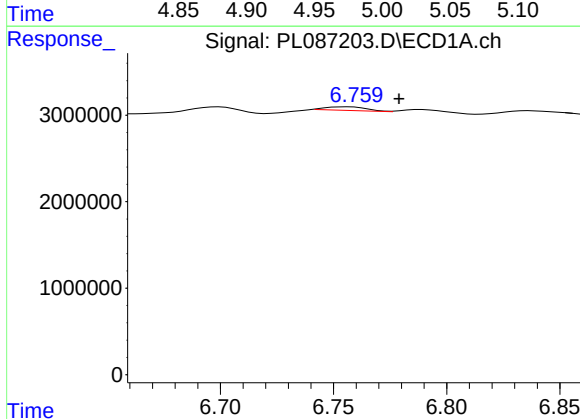
R.T.: 5.915 min  
Delta R.T.: -0.012 min  
Response: 6514684  
Conc: 7.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



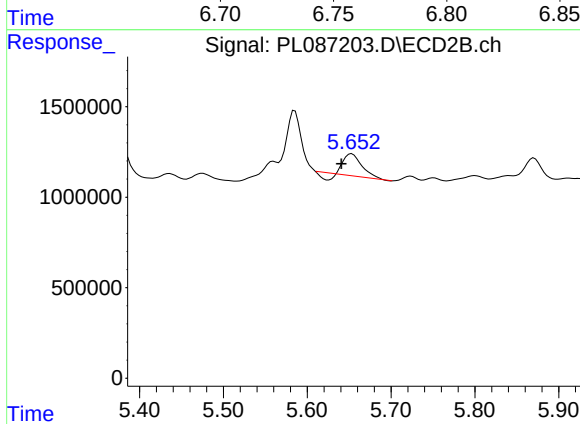
#26 Chlordane-4

R.T.: 4.979 min  
Delta R.T.: 0.012 min  
Response: 1456567  
Conc: 6.26 ng/ml



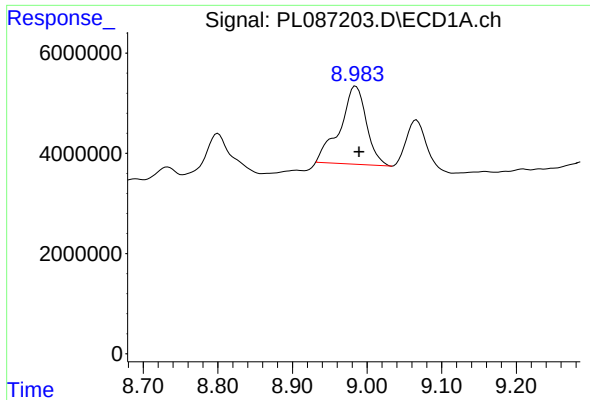
#27 Chlordane-5

R.T.: 6.756 min  
Delta R.T.: -0.023 min  
Response: 514341  
Conc: 3.72 ng/ml



#27 Chlordane-5

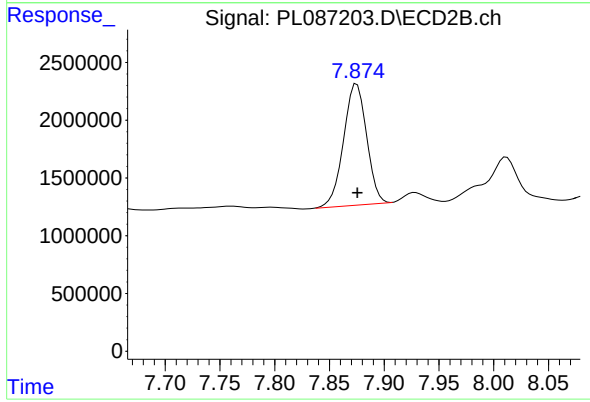
R.T.: 5.653 min  
Delta R.T.: 0.012 min  
Response: 1559400  
Conc: 24.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: -0.004 min  
Response: 38296910  
Conc: 11.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.875 min  
Delta R.T.: 0.000 min  
Response: 15391337  
Conc: 9.11 ng/ml