

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
 Data File : PL085432.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2023 15:50  
 Operator : AR\AJ  
 Sample : 04422-01  
 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: Sep 21 00:17:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 20 10:25:09 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... | 3.421  | 2.654  | 44061146 | 22911067 | 13.230 | 15.061   |
| 28)                         | SA Decachlor... | 8.957  | 7.833  | 100.0E6  | 48035877 | 29.391 | 24.536   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.846f | 0.000  | 7614397  | 0        | 1.545  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.215  | 3.468f | 4132840  | 25185562 | 0.846  | 10.933 # |
| 4)                          | MA Heptachlor   | 4.815f | 3.843f | 5616089  | 1637312  | 1.218  | 0.761 #  |
| 5)                          | MB Aldrin       | 5.129  | 4.092  | 7891832  | 32341363 | 1.630  | 13.826 # |
| 6)                          | B beta-BHC      | 4.389f | 3.764f | 5700975  | 4331865  | 2.738  | 4.507 #  |
| 7)                          | B delta-BHC     | 4.669f | 4.027  | 5664849  | -85656   | 1.188  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.543f | 4.621  | 1626104  | -124296  | 0.379  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.949  | 0.000  | 234763   | 0        | 0.057  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.830  | 4.864  | 2813416  | 519730   | 0.641  | 0.245 #  |
| 11)                         | B alpha-Chl...  | 5.908  | 4.934  | 3521113  | 3972828  | 0.801  | 1.825 #  |
| 12)                         | B 4,4'-DDE      | 6.091  | 5.117  | 1009609  | 532937   | 0.253  | 0.263    |
| 13)                         | MA Dieldrin     | 6.207f | 5.258  | 3262999  | 515507   | 0.752  | 0.236 #  |
| 14)                         | MA Endrin       | 6.457  | 5.507  | 1951     | 451705   | 0.001  | 0.241 #  |
| 15)                         | B Endosulfa...  | 6.689  | 5.806  | 1294069  | 1880951  | 0.327  | 0.959 #  |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.683  | -2648653 | 3215147  | N.D.   | 1.869    |
| 17)                         | MA 4,4'-DDT     | 6.922  | 5.912f | 2532487  | 383649   | 0.705  | 0.211 #  |
| 18)                         | B Endrin al...  | 6.827f | 5.981f | 278303   | 4766032  | 0.096  | 3.008 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.205f | 0        | 2358381  | N.D.   | 1.254 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.519  | 0        | 5504322  | N.D.   | 5.189 #  |
| 21)                         | B Endrin ke...  | 7.539  | 6.715  | -1341804 | 1356516  | N.D.   | 0.543    |
| 22)                         | Mirex           | 0.000  | 6.927f | 0        | 1257136  | N.D.   | 0.691 #  |
| 23)                         | Chlordane-1     | 4.551f | 3.654  | 596058   | 614826   | 4.051  | 11.033 # |
| 24)                         | Chlordane-2     | 5.102  | 4.246f | 3308425  | 2147448  | 19.957 | 27.874 # |
| 25)                         | Chlordane-3     | 5.830  | 4.864  | 2813416  | 519730   | 4.436  | 2.513 #  |
| 26)                         | Chlordane-4     | 5.908  | 4.934  | 3521113  | 3972828  | 4.505  | 17.580 # |
| 27)                         | Chlordane-5     | 6.734f | 0.000  | 1866640  | 0        | 14.185 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

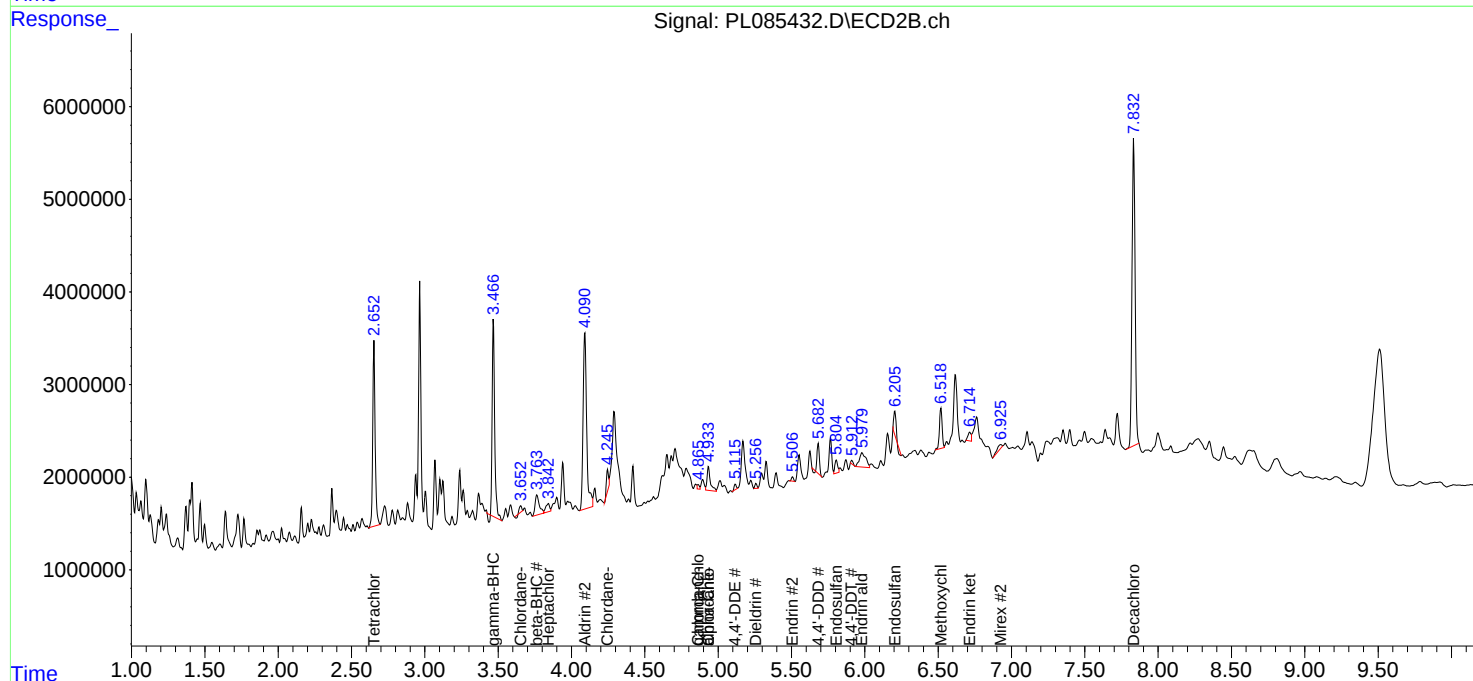
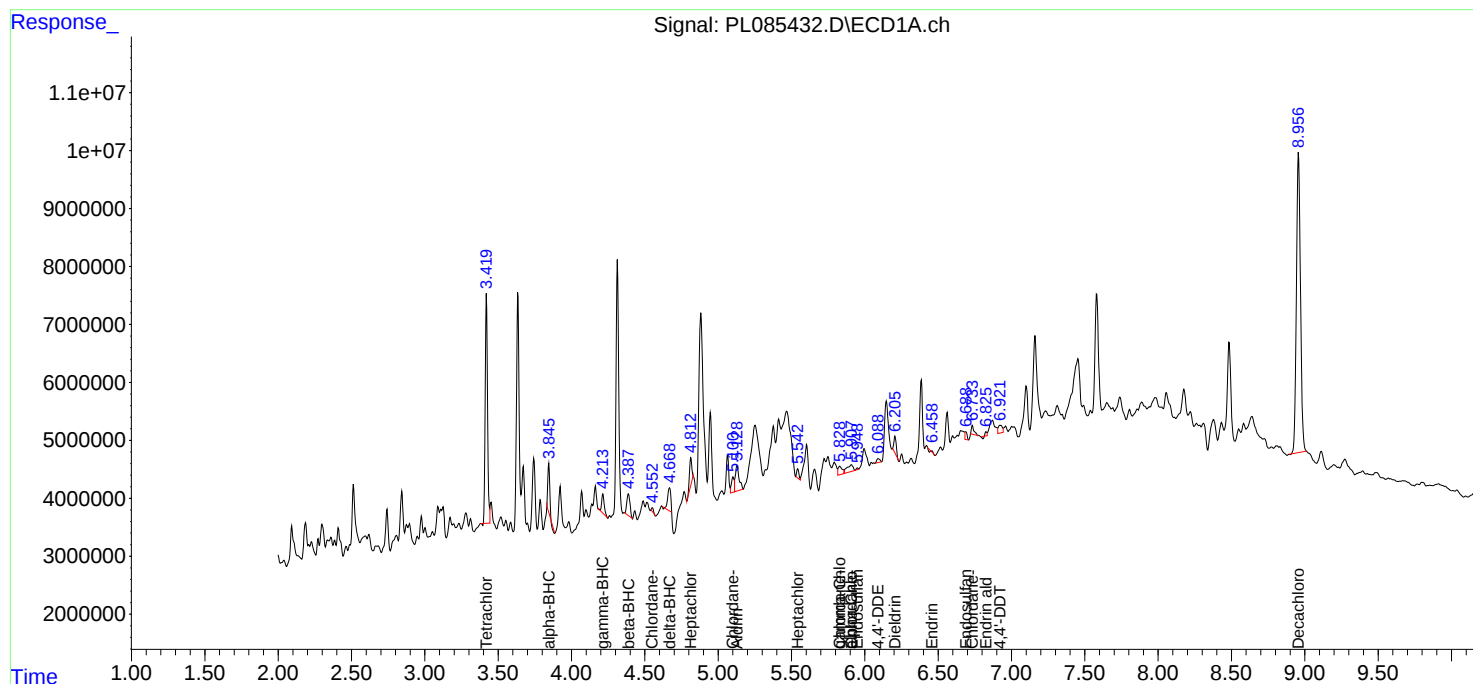
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

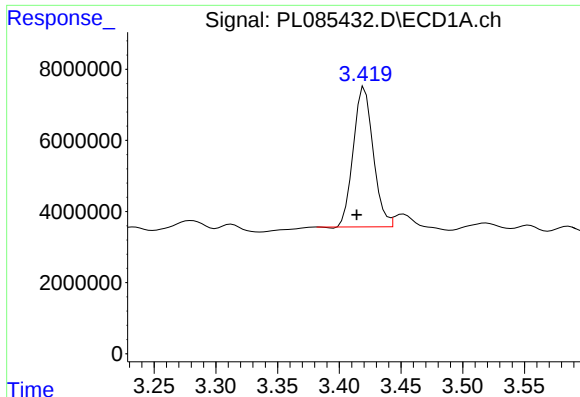
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
Data File : PL085432.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2023 15:50  
Operator : AR\AJ  
Sample : 04422-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 00:17:09 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091923.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 20 10:25:09 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

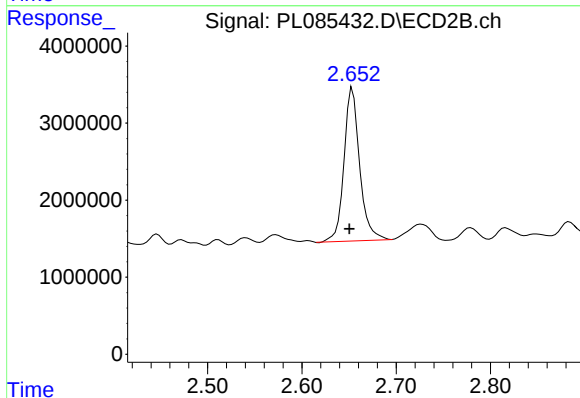




#1 Tetrachloro-m-xylene

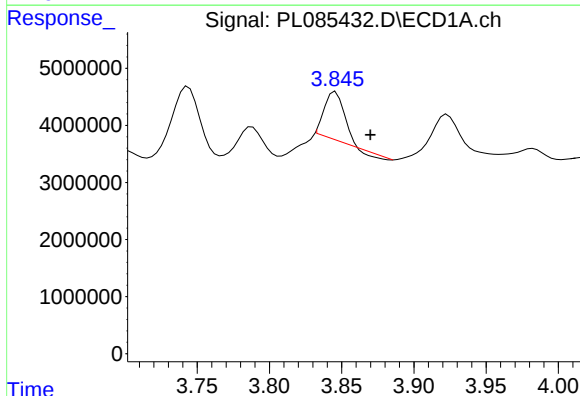
R.T.: 3.421 min  
Delta R.T.: 0.007 min  
Response: 44061146  
Conc: 13.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



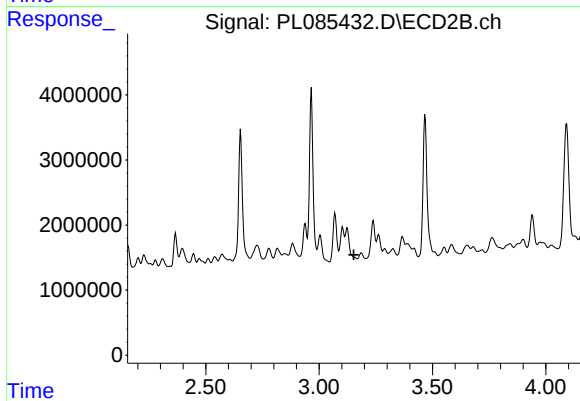
#1 Tetrachloro-m-xylene

R.T.: 2.654 min  
Delta R.T.: 0.003 min  
Response: 22911067  
Conc: 15.06 ng/ml



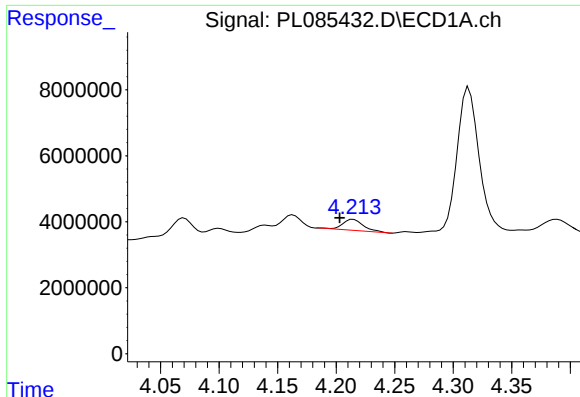
#2 alpha-BHC

R.T.: 3.846 min  
Delta R.T.: -0.024 min  
Response: 7614397  
Conc: 1.55 ng/ml



#2 alpha-BHC

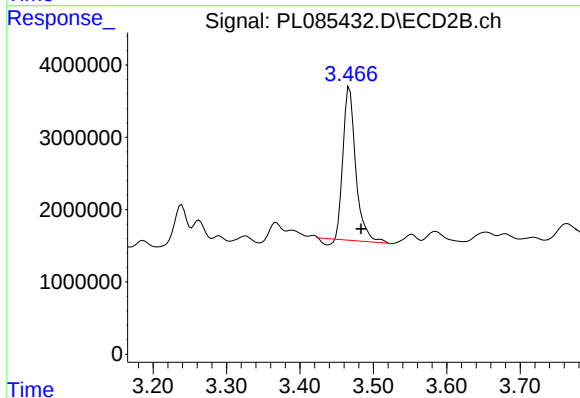
R.T.: 0.000 min  
Exp R.T. : 3.153 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

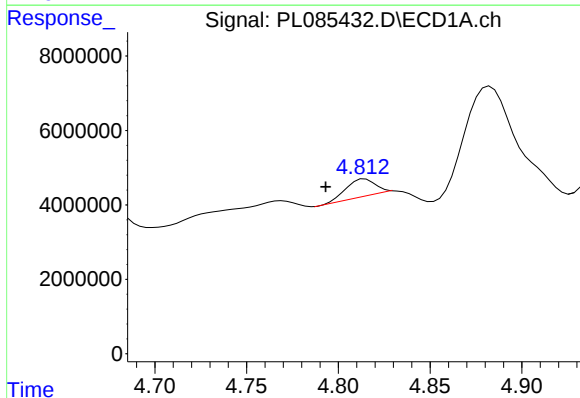
R.T.: 4.215 min  
Delta R.T.: 0.012 min  
Response: 4132840  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



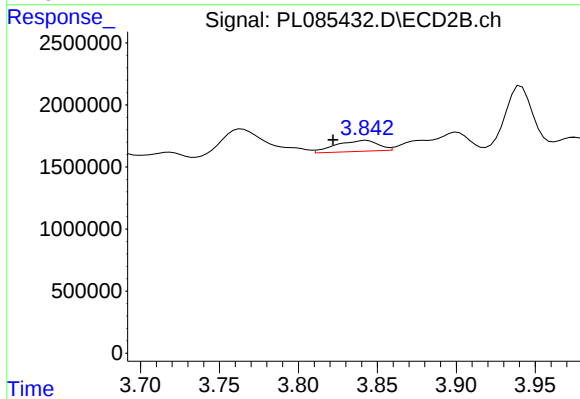
#3 gamma-BHC (Lindane)

R.T.: 3.468 min  
Delta R.T.: -0.016 min  
Response: 25185562  
Conc: 10.93 ng/ml



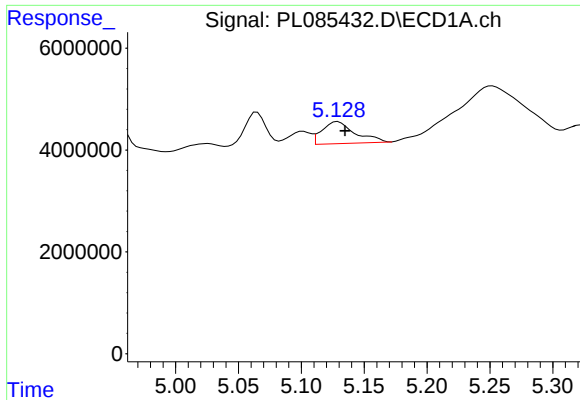
#4 Heptachlor

R.T.: 4.815 min  
Delta R.T.: 0.021 min  
Response: 5616089  
Conc: 1.22 ng/ml



#4 Heptachlor

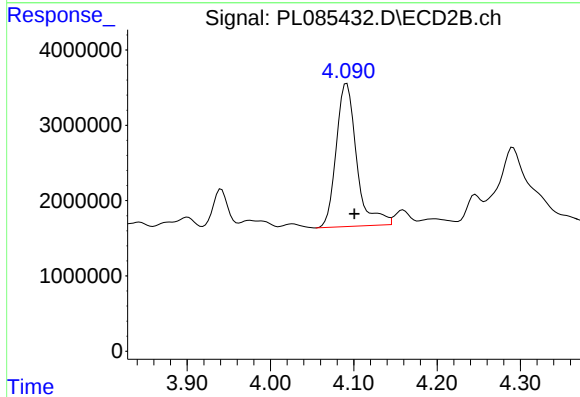
R.T.: 3.843 min  
Delta R.T.: 0.021 min  
Response: 1637312  
Conc: 0.76 ng/ml



#5 Aldrin

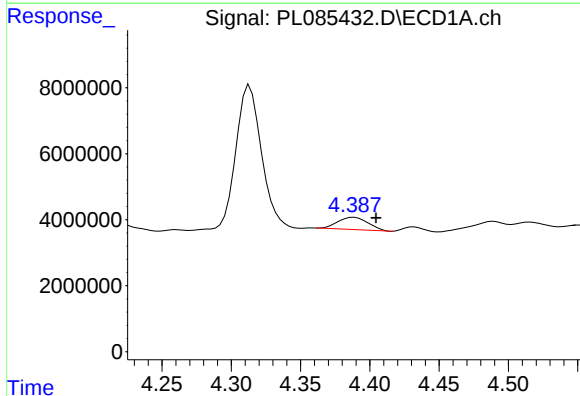
R.T.: 5.129 min  
Delta R.T.: -0.006 min  
Response: 7891832  
Conc: 1.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



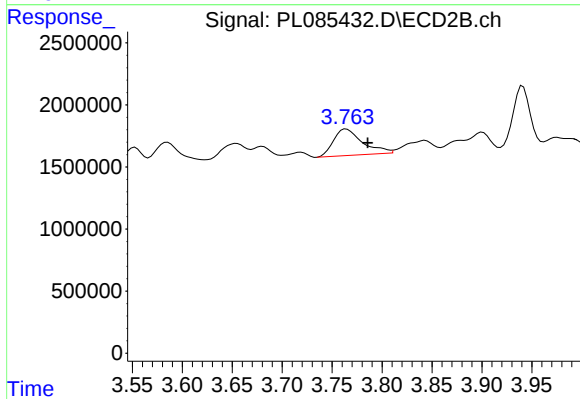
#5 Aldrin

R.T.: 4.092 min  
Delta R.T.: -0.009 min  
Response: 32341363  
Conc: 13.83 ng/ml



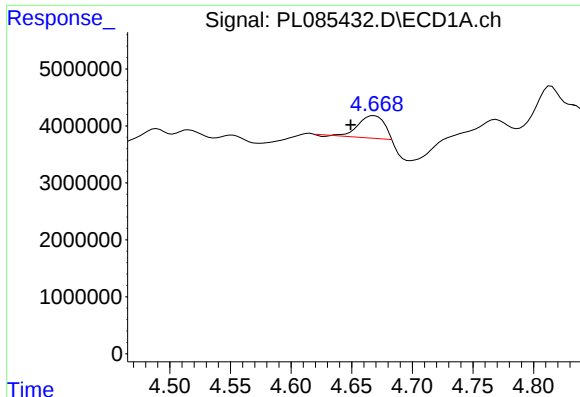
#6 beta-BHC

R.T.: 4.389 min  
Delta R.T.: -0.016 min  
Response: 5700975  
Conc: 2.74 ng/ml



#6 beta-BHC

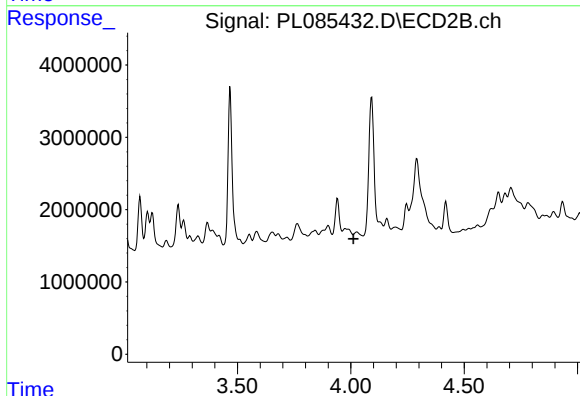
R.T.: 3.764 min  
Delta R.T.: -0.022 min  
Response: 4331865  
Conc: 4.51 ng/ml



#7 delta-BHC

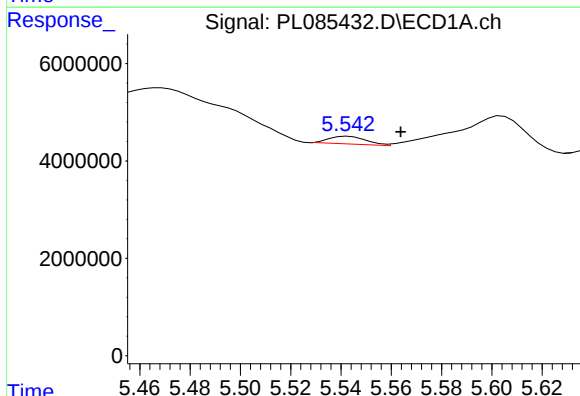
R.T.: 4.669 min  
Delta R.T.: 0.019 min  
Response: 5664849  
Conc: 1.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



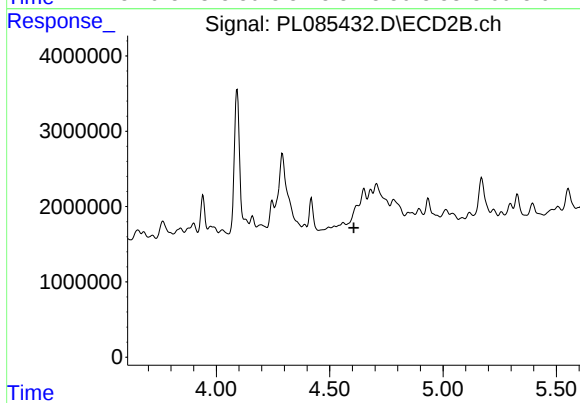
#7 delta-BHC

R.T.: 4.027 min  
Delta R.T.: 0.014 min  
Response: -85656  
Conc: N.D.



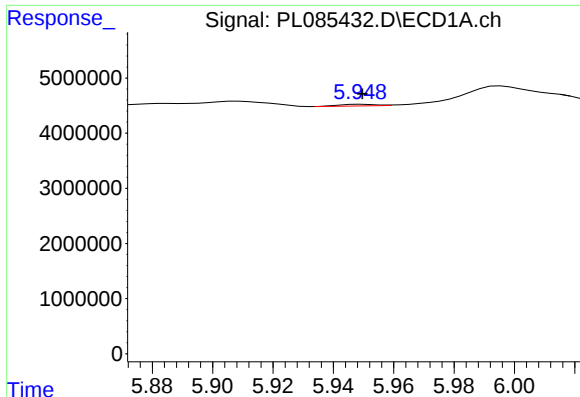
#8 Heptachlor epoxide

R.T.: 5.543 min  
Delta R.T.: -0.021 min  
Response: 1626104  
Conc: 0.38 ng/ml



#8 Heptachlor epoxide

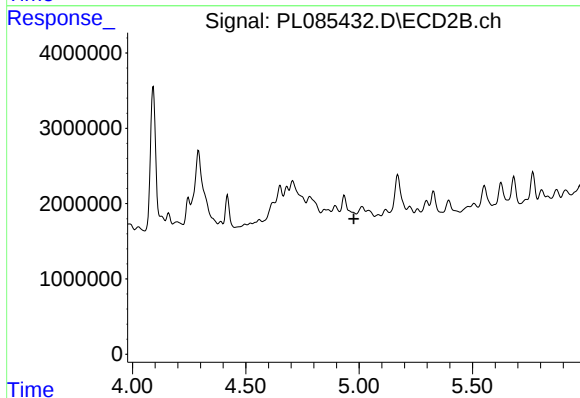
R.T.: 4.621 min  
Delta R.T.: 0.014 min  
Response: -124296  
Conc: N.D.



#9 Endosulfan I

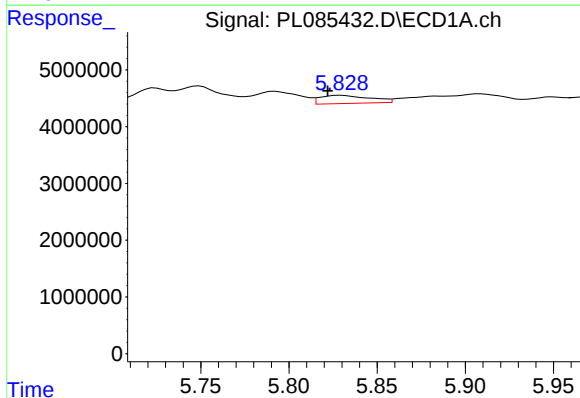
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 234763  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



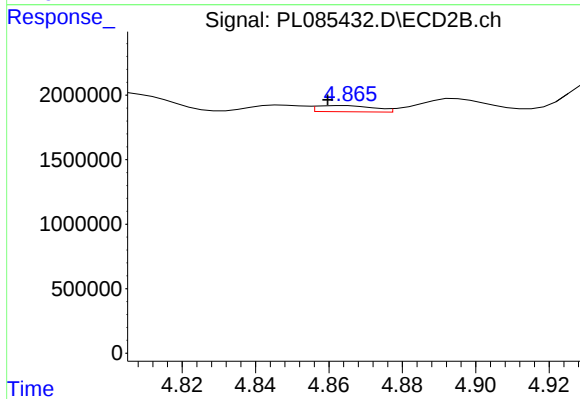
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.976 min  
Response: 0  
Conc: N.D.



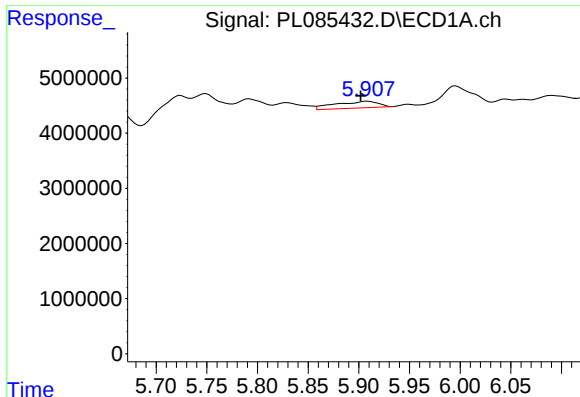
#10 gamma-Chlordane

R.T.: 5.830 min  
Delta R.T.: 0.008 min  
Response: 2813416  
Conc: 0.64 ng/ml



#10 gamma-Chlordane

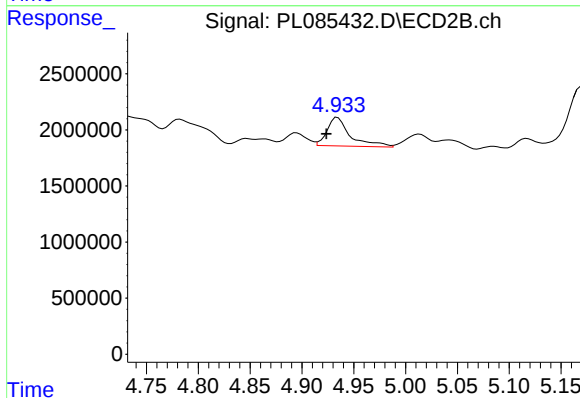
R.T.: 4.864 min  
Delta R.T.: 0.004 min  
Response: 519730  
Conc: 0.25 ng/ml



#11 alpha-Chlordane

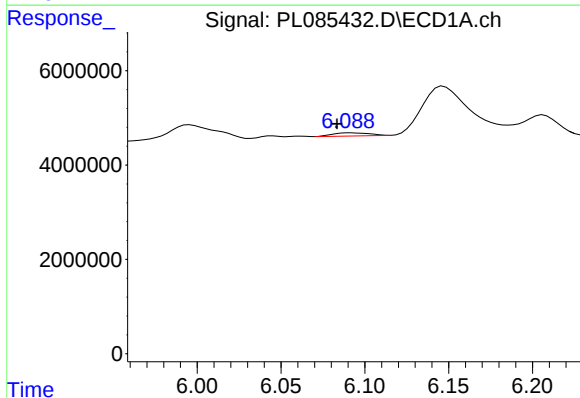
R.T.: 5.908 min  
Delta R.T.: 0.006 min  
Response: 3521113  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



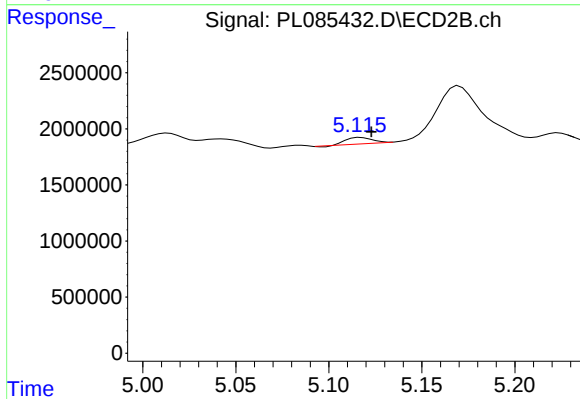
#11 alpha-Chlordane

R.T.: 4.934 min  
Delta R.T.: 0.011 min  
Response: 3972828  
Conc: 1.83 ng/ml



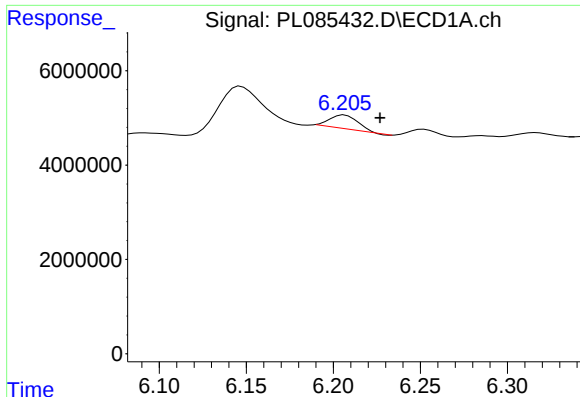
#12 4,4'-DDE

R.T.: 6.091 min  
Delta R.T.: 0.007 min  
Response: 1009609  
Conc: 0.25 ng/ml



#12 4,4'-DDE

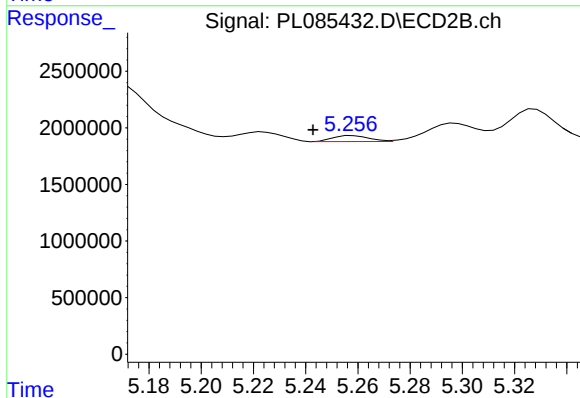
R.T.: 5.117 min  
Delta R.T.: -0.006 min  
Response: 532937  
Conc: 0.26 ng/ml



#13 Dieldrin

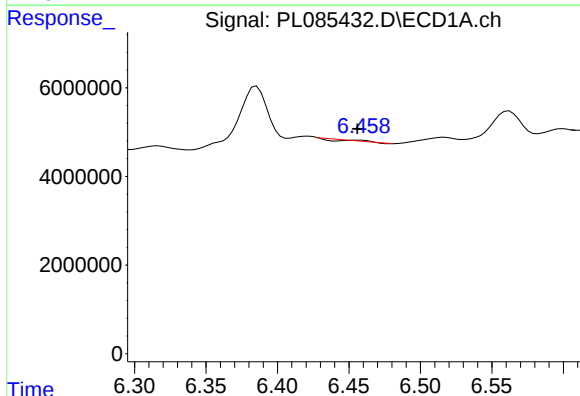
R.T.: 6.207 min  
Delta R.T.: -0.020 min  
Response: 3262999  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



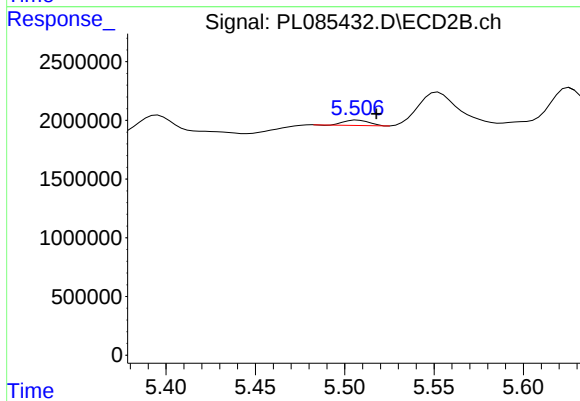
#13 Dieldrin

R.T.: 5.258 min  
Delta R.T.: 0.015 min  
Response: 515507  
Conc: 0.24 ng/ml



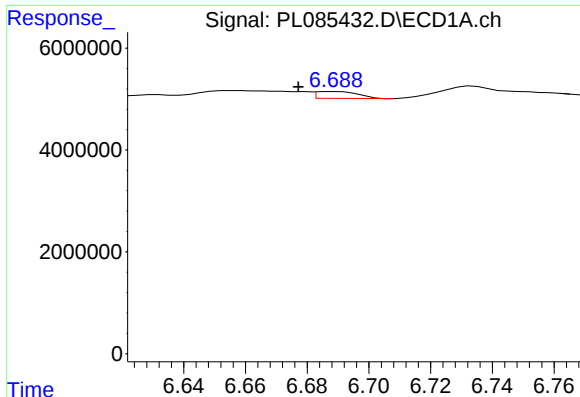
#14 Endrin

R.T.: 6.457 min  
Delta R.T.: 0.002 min  
Response: 1951  
Conc: 0.00 ng/ml



#14 Endrin

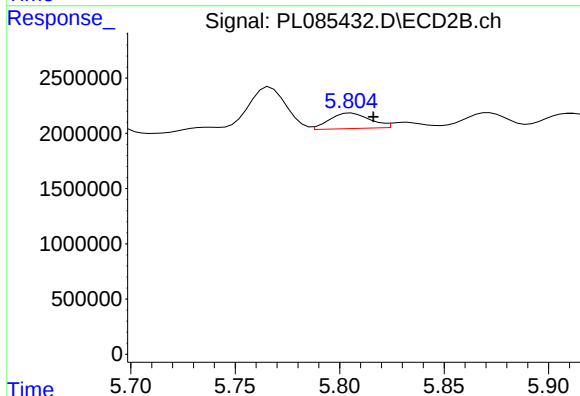
R.T.: 5.507 min  
Delta R.T.: -0.010 min  
Response: 451705  
Conc: 0.24 ng/ml



#15 Endosulfan II

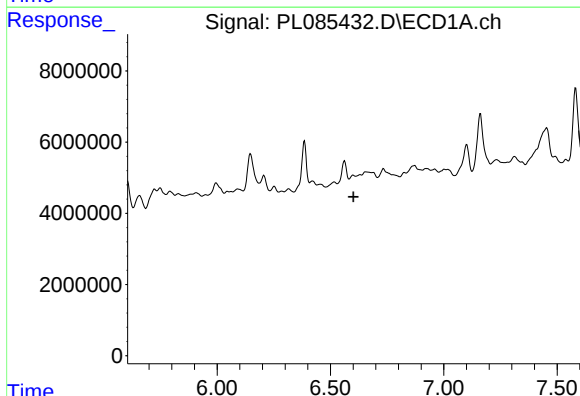
R.T.: 6.689 min  
Delta R.T.: 0.011 min  
Response: 1294069  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



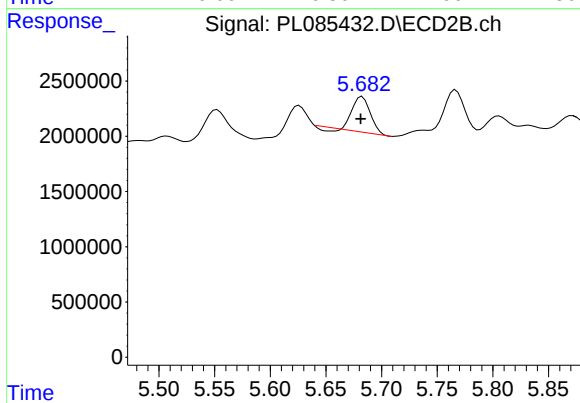
#15 Endosulfan II

R.T.: 5.806 min  
Delta R.T.: -0.011 min  
Response: 1880951  
Conc: 0.96 ng/ml



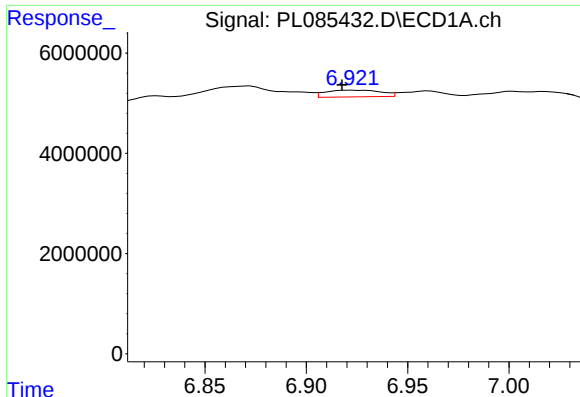
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: -2648653  
Conc: N.D.



#16 4,4'-DDD

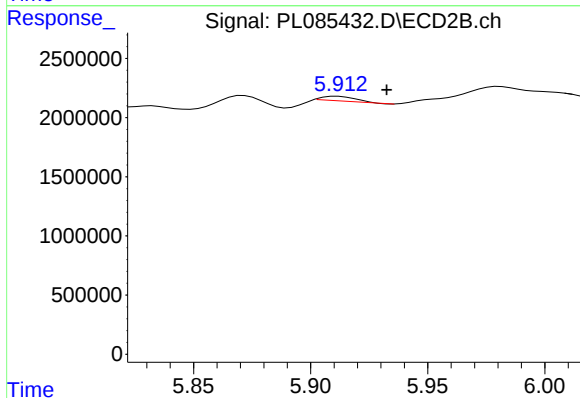
R.T.: 5.683 min  
Delta R.T.: 0.001 min  
Response: 3215147  
Conc: 1.87 ng/ml



#17 4,4'-DDT

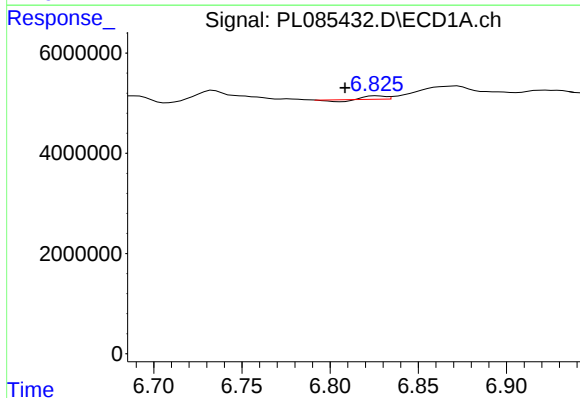
R.T.: 6.922 min  
Delta R.T.: 0.005 min  
Response: 2532487  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



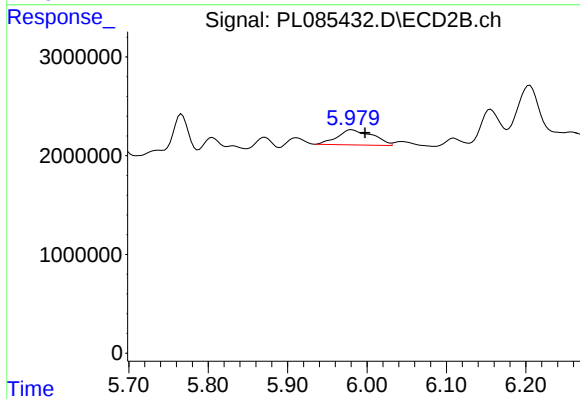
#17 4,4'-DDT

R.T.: 5.912 min  
Delta R.T.: -0.021 min  
Response: 383649  
Conc: 0.21 ng/ml



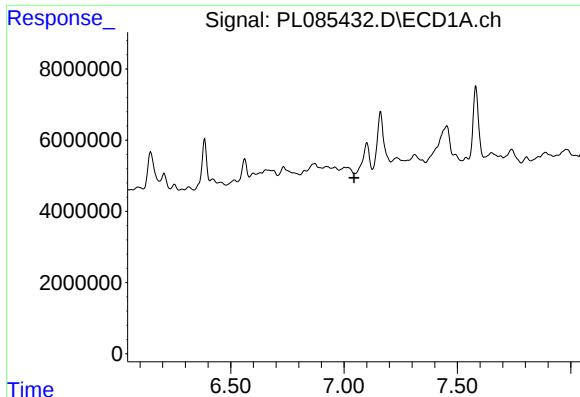
#18 Endrin aldehyde

R.T.: 6.827 min  
Delta R.T.: 0.018 min  
Response: 278303  
Conc: 0.10 ng/ml



#18 Endrin aldehyde

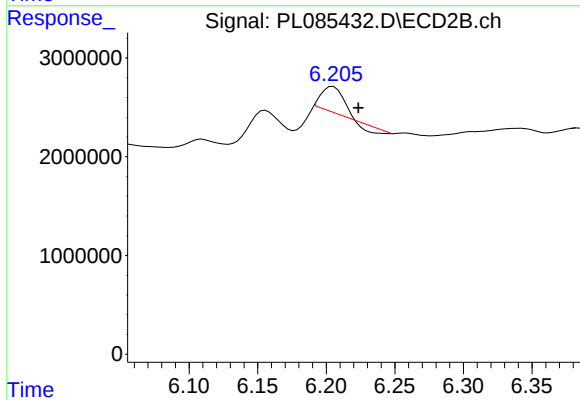
R.T.: 5.981 min  
Delta R.T.: -0.017 min  
Response: 4766032  
Conc: 3.01 ng/ml



#19 Endosulfan Sulfate

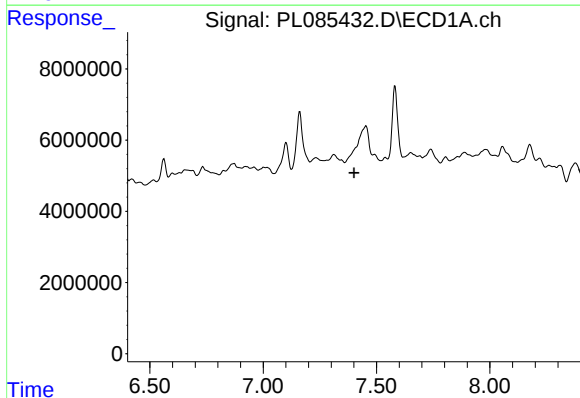
R.T.: 0.000 min  
Exp R.T. : 7.044 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



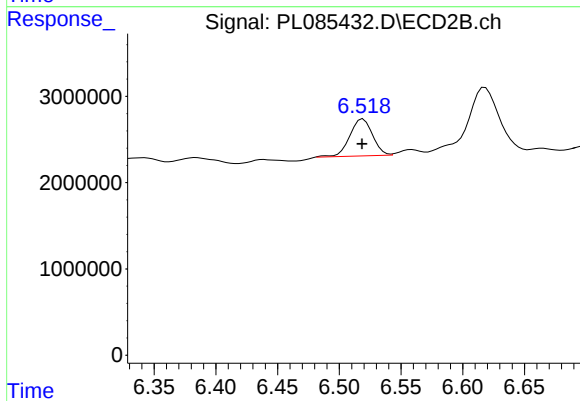
#19 Endosulfan Sulfate

R.T.: 6.205 min  
Delta R.T.: -0.018 min  
Response: 2358381  
Conc: 1.25 ng/ml



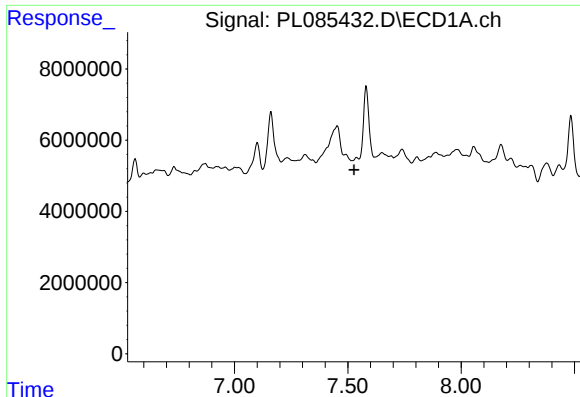
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.401 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

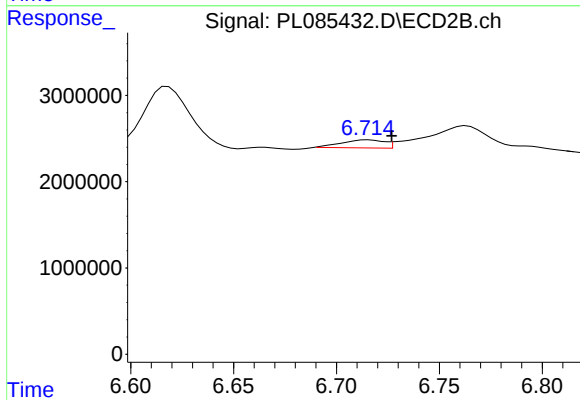
R.T.: 6.519 min  
Delta R.T.: 0.000 min  
Response: 5504322  
Conc: 5.19 ng/ml



#21 Endrin ketone

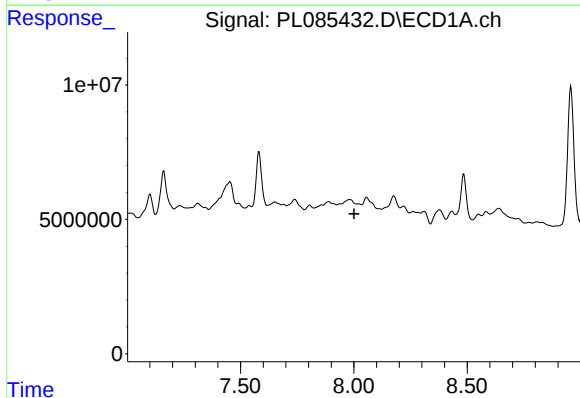
R.T.: 7.539 min  
Delta R.T.: 0.011 min  
Response: -1341804  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



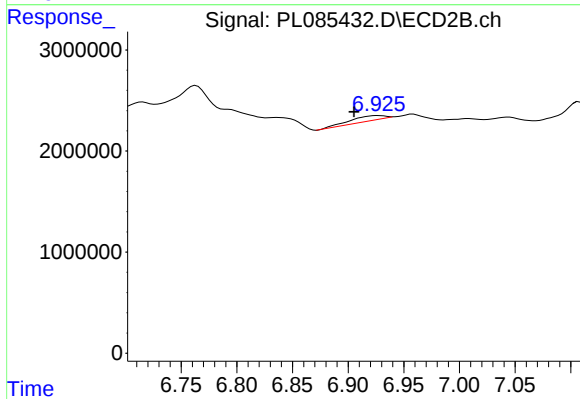
#21 Endrin ketone

R.T.: 6.715 min  
Delta R.T.: -0.012 min  
Response: 1356516  
Conc: 0.54 ng/ml



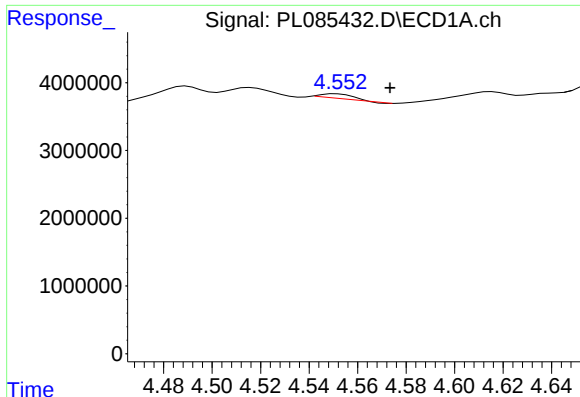
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.001 min  
Response: 0  
Conc: N.D.



#22 Mirex

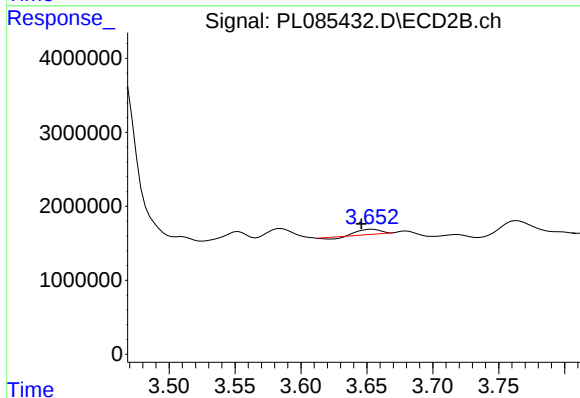
R.T.: 6.927 min  
Delta R.T.: 0.022 min  
Response: 1257136  
Conc: 0.69 ng/ml



#23 Chlordane-1

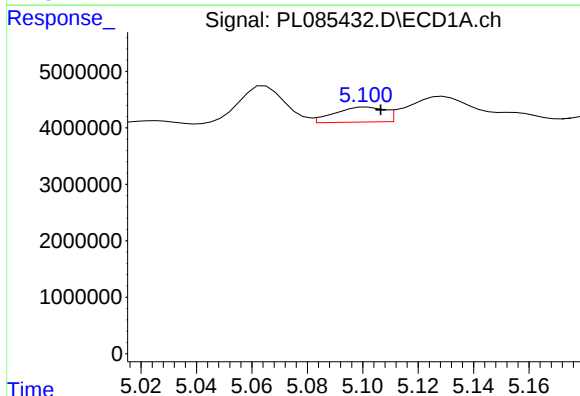
R.T.: 4.551 min  
Delta R.T.: -0.022 min  
Response: 596058  
Conc: 4.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



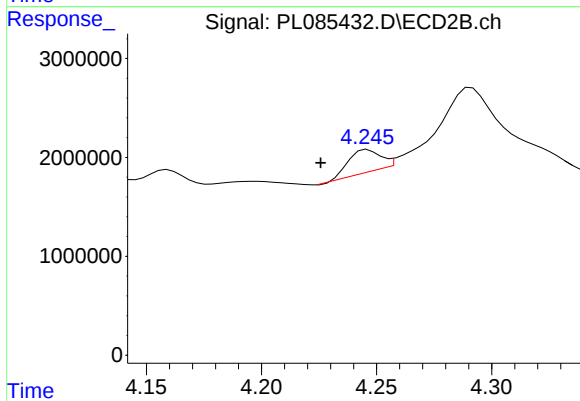
#23 Chlordane-1

R.T.: 3.654 min  
Delta R.T.: 0.008 min  
Response: 614826  
Conc: 11.03 ng/ml



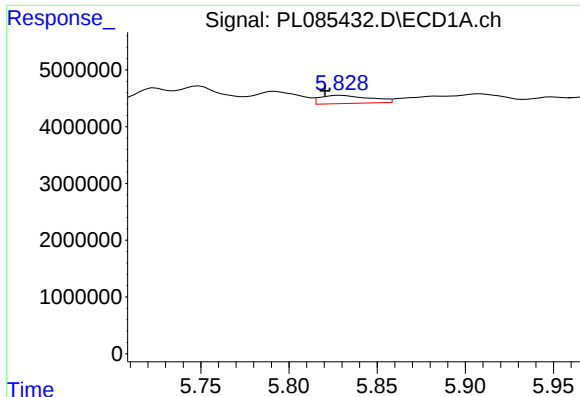
#24 Chlordane-2

R.T.: 5.102 min  
Delta R.T.: -0.005 min  
Response: 3308425  
Conc: 19.96 ng/ml



#24 Chlordane-2

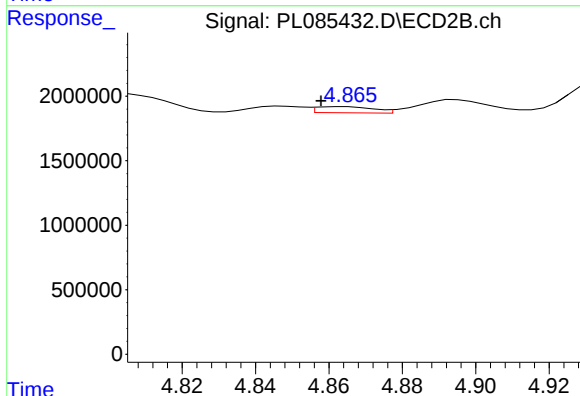
R.T.: 4.246 min  
Delta R.T.: 0.021 min  
Response: 2147448  
Conc: 27.87 ng/ml



#25 Chlordane-3

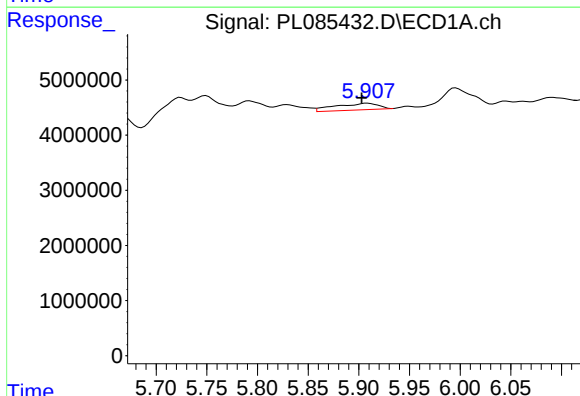
R.T.: 5.830 min  
Delta R.T.: 0.009 min  
Response: 2813416  
Conc: 4.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



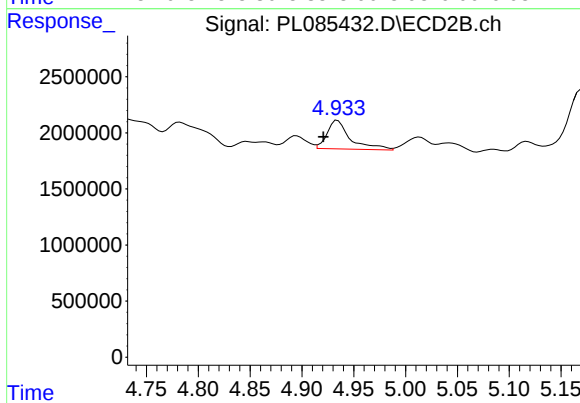
#25 Chlordane-3

R.T.: 4.864 min  
Delta R.T.: 0.006 min  
Response: 519730  
Conc: 2.51 ng/ml



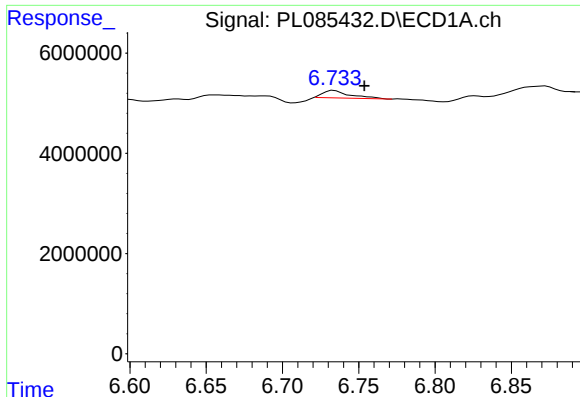
#26 Chlordane-4

R.T.: 5.908 min  
Delta R.T.: 0.005 min  
Response: 3521113  
Conc: 4.50 ng/ml



#26 Chlordane-4

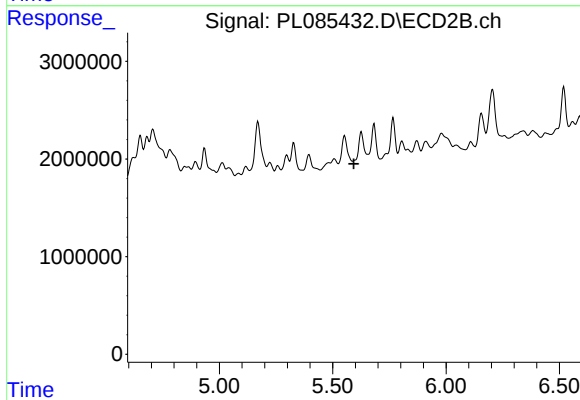
R.T.: 4.934 min  
Delta R.T.: 0.014 min  
Response: 3972828  
Conc: 17.58 ng/ml



#27 Chlordane-5

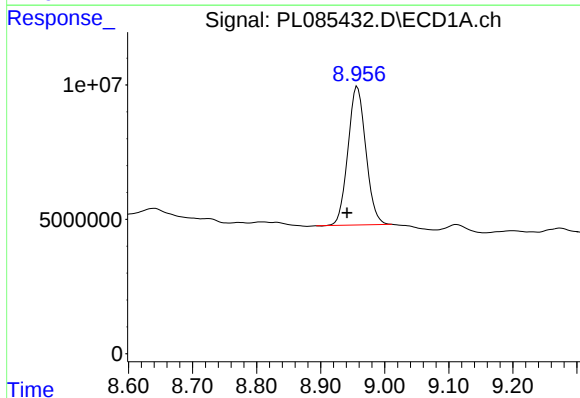
R.T.: 6.734 min  
Delta R.T.: -0.020 min  
Response: 1866640  
Conc: 14.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



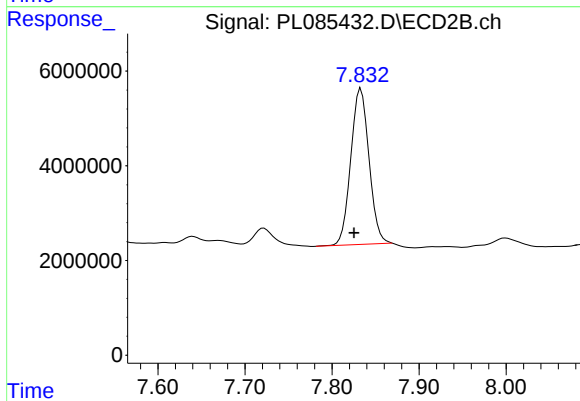
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.593 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: 0.016 min  
Response: 100039810  
Conc: 29.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: 0.008 min  
Response: 48035877  
Conc: 24.54 ng/ml