

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
 Data File : PL085425.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2023 10:42  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 00:13:02 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... | 3.409  | 2.632f | 540607   | -3502    | 0.162  | N.D. #   |
| 2)                          | SA Decachlor... | 8.968f | 7.816  | 177860   | 233750   | 0.052  | 0.119 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.209  | 3.491  | 412357   | 456472   | 0.084  | 0.198 #  |
| 4)                          | MA Heptachlor   | 4.788  | 3.847f | 884719   | 245216   | 0.192  | 0.114 #  |
| 5)                          | MB Aldrin       | 5.148  | 4.073f | 2649477  | 7909598  | 0.547  | 3.381 #  |
| 6)                          | B beta-BHC      | 4.413  | 3.796  | 399345   | 182126   | 0.192  | 0.190    |
| 7)                          | B delta-BHC     | 4.638  | 4.034f | 105852   | 1731022  | 0.022  | 0.750 #  |
| 8)                          | B Heptachlo...  | 5.578  | 4.588f | 167.5E6  | 450698   | 39.042 | 0.218 #  |
| 9)                          | A Endosulfan I  | 5.952  | 4.955f | 21645078 | 12074816 | 5.251  | 7.112 #  |
| 10)                         | B gamma-Chl...  | 5.819  | 4.856  | 21450053 | 1863035  | 4.891  | 0.878 #  |
| 11)                         | B alpha-Chl...  | 5.902  | 4.901f | 8298331  | 5325255  | 1.888  | 2.446 #  |
| 12)                         | B 4,4'-DDE      | 6.107f | 0.000  | 388329   | 0        | 0.097  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.246f | 0.000  | 817485   | 0        | 0.188  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.681  | 5.802  | 15788211 | 447122   | 3.990  | 0.228 #  |
| 16)                         | A 4,4'-DDD      | 6.603  | 0.000  | 37078057 | 0        | 11.380 | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.908f | 0        | 141008   | N.D.   | 0.077 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.979f | 0        | 597983   | N.D.   | 0.377 #  |
| 19)                         | B Endosulfa...  | 7.047  | 6.230  | 768693   | 64640    | 0.210  | 0.034 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.548f | 0        | 166849   | N.D.   | 0.157 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.702f | 0        | 58964448 | N.D.   | 23.614 # |
| 24)                         | Chlordane-2     | 5.092  | 0.000  | 767921   | 0        | 4.632  | N.D. #   |
| 25)                         | Chlordane-3     | 5.819  | 4.856  | 21450053 | 1863035  | 33.822 | 9.008 #  |
| 26)                         | Chlordane-4     | 5.902  | 4.901f | 8298331  | 5325255  | 10.617 | 23.565 # |
| -----                       |                 |        |        |          |          |        |          |

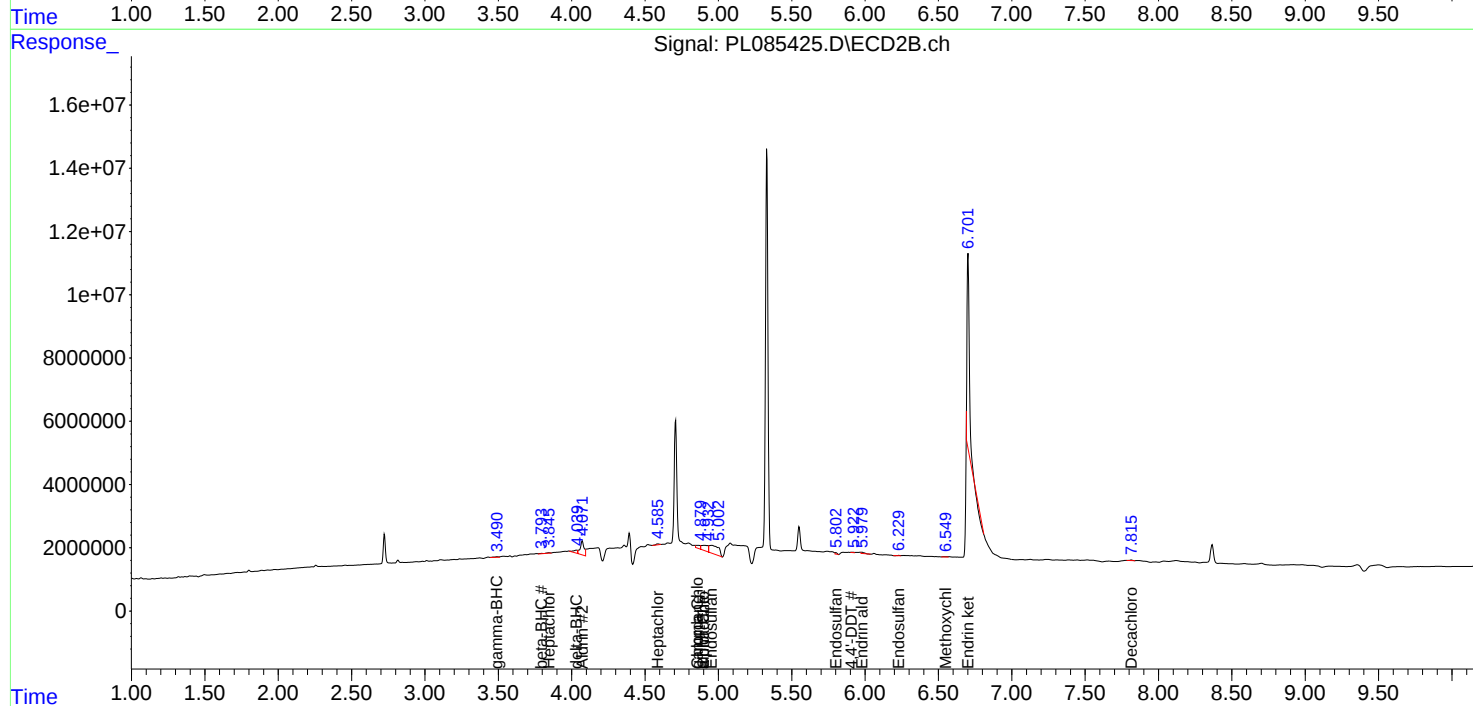
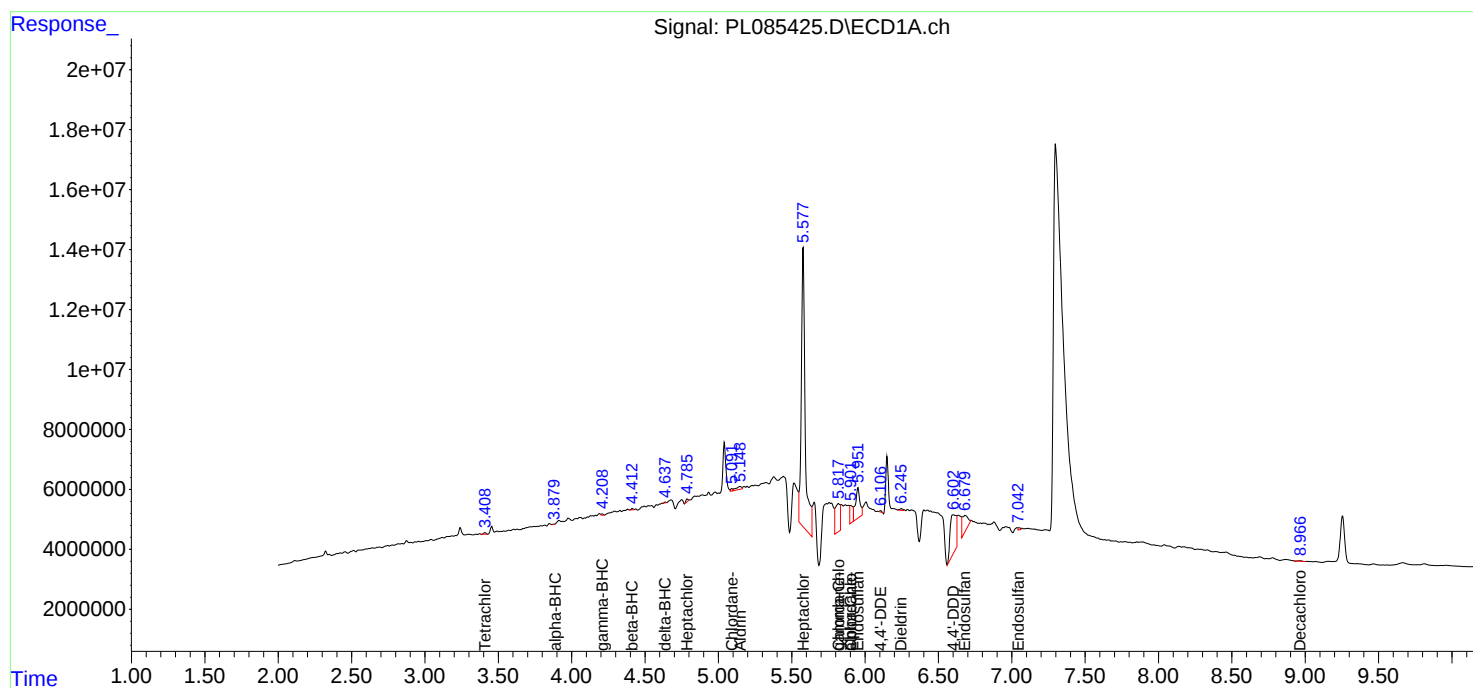
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

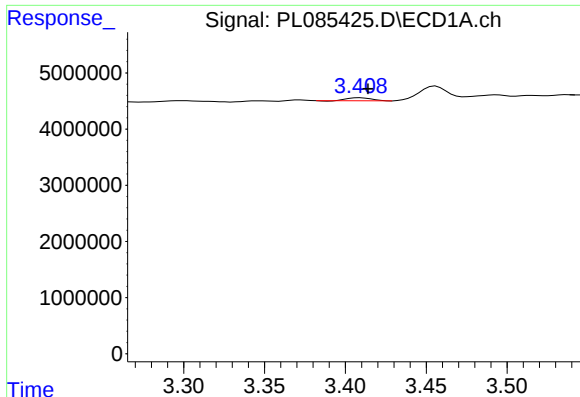
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
Data File : PL085425.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2023 10:42  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 00:13:02 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

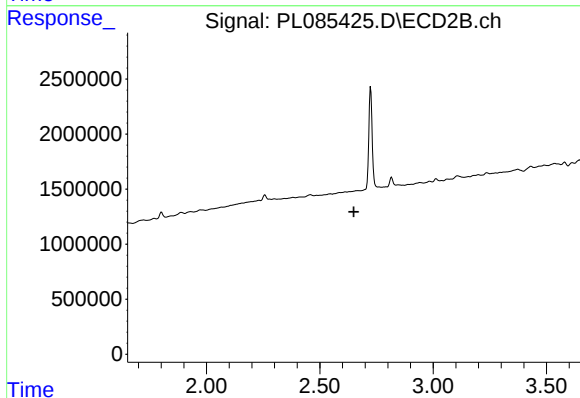




#1 Tetrachloro-m-xylene

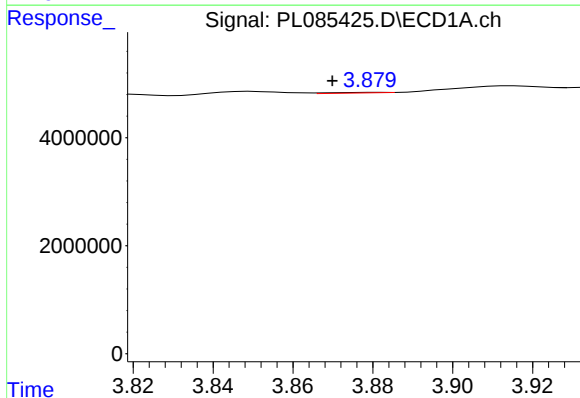
R.T.: 3.409 min  
Delta R.T.: -0.005 min  
Response: 540607  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



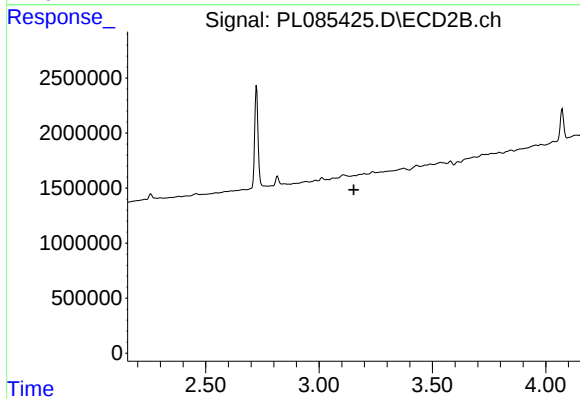
#1 Tetrachloro-m-xylene

R.T.: 2.632 min  
Delta R.T.: -0.019 min  
Response: -3502  
Conc: N.D.



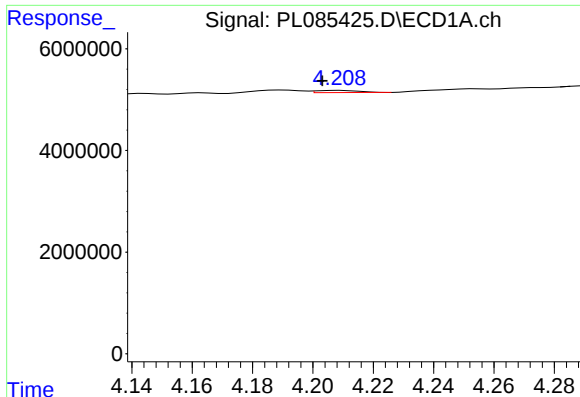
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: 0.010 min  
Response: 110841  
Conc: 0.02 ng/ml



#2 alpha-BHC

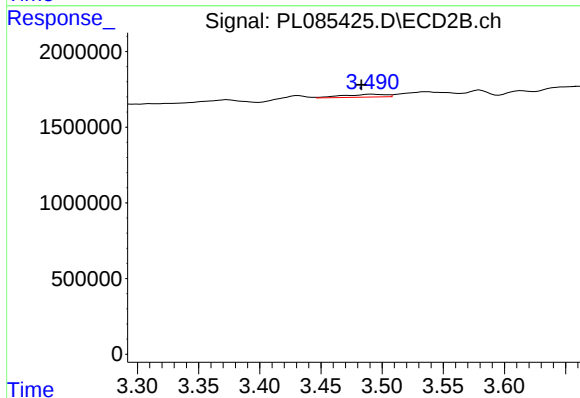
R.T.: 3.156 min  
Delta R.T.: 0.003 min  
Response: -56355  
Conc: N.D.



#3 gamma-BHC (Lindane)

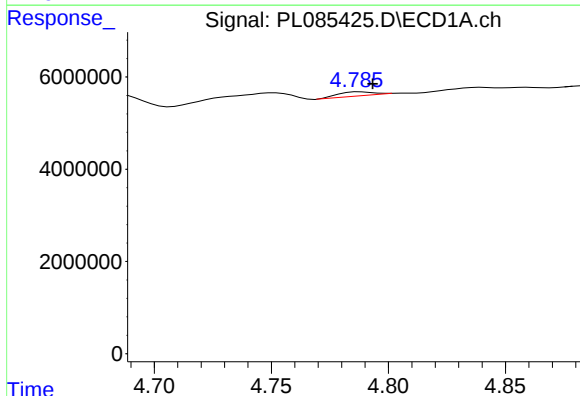
R.T.: 4.209 min  
Delta R.T.: 0.006 min  
Response: 412357  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



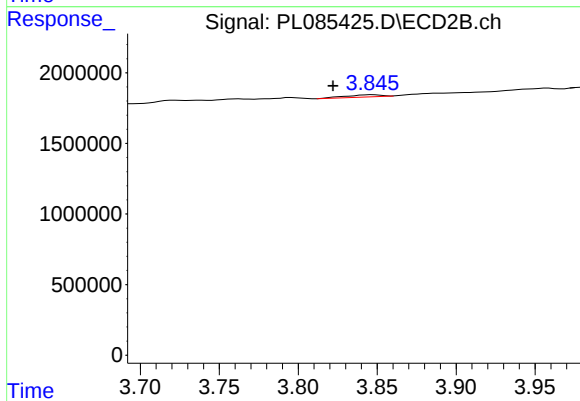
#3 gamma-BHC (Lindane)

R.T.: 3.491 min  
Delta R.T.: 0.008 min  
Response: 456472  
Conc: 0.20 ng/ml



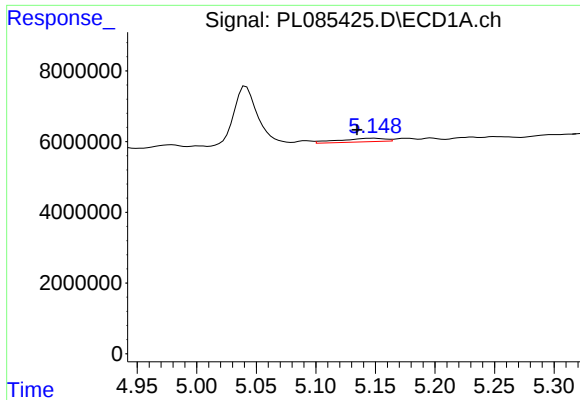
#4 Heptachlor

R.T.: 4.788 min  
Delta R.T.: -0.005 min  
Response: 884719  
Conc: 0.19 ng/ml



#4 Heptachlor

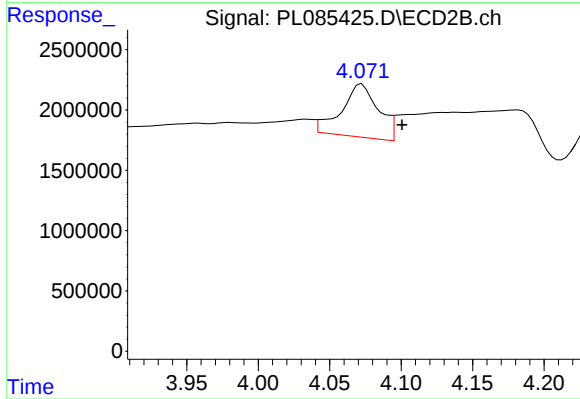
R.T.: 3.847 min  
Delta R.T.: 0.025 min  
Response: 245216  
Conc: 0.11 ng/ml



#5 Aldrin

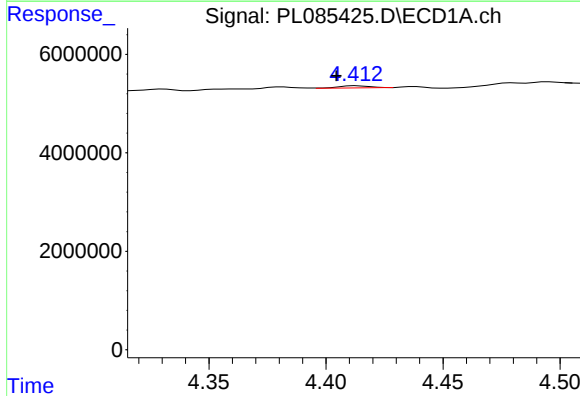
R.T.: 5.148 min  
Delta R.T.: 0.014 min  
Response: 2649477  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



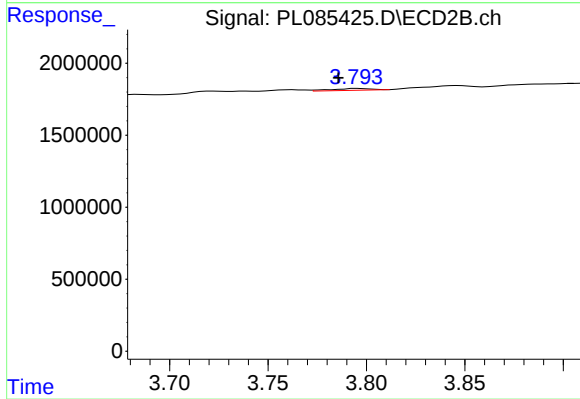
#5 Aldrin

R.T.: 4.073 min  
Delta R.T.: -0.028 min  
Response: 7909598  
Conc: 3.38 ng/ml



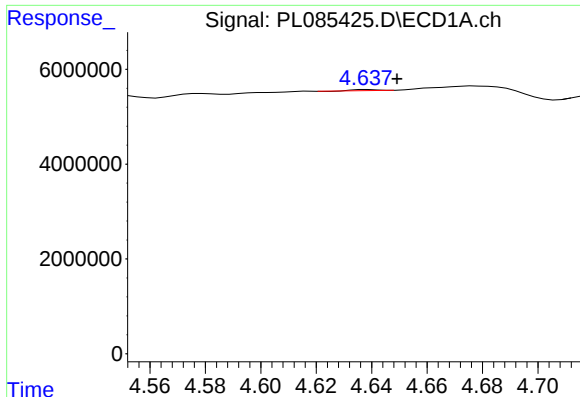
#6 beta-BHC

R.T.: 4.413 min  
Delta R.T.: 0.009 min  
Response: 399345  
Conc: 0.19 ng/ml



#6 beta-BHC

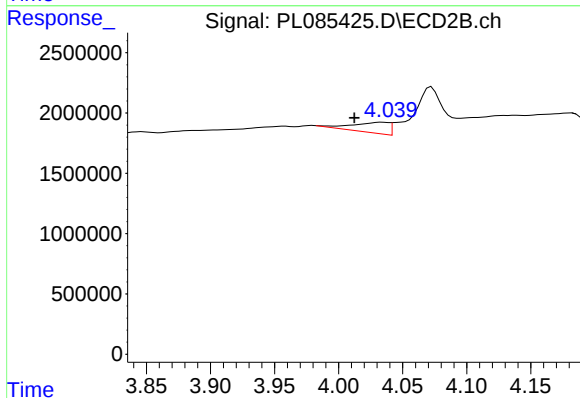
R.T.: 3.796 min  
Delta R.T.: 0.010 min  
Response: 182126  
Conc: 0.19 ng/ml



#7 delta-BHC

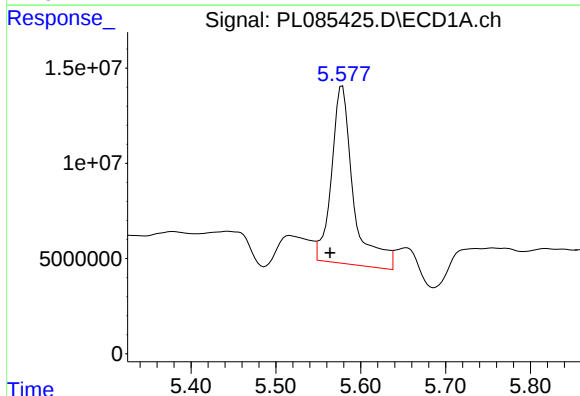
R.T.: 4.638 min  
Delta R.T.: -0.011 min  
Response: 105852  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



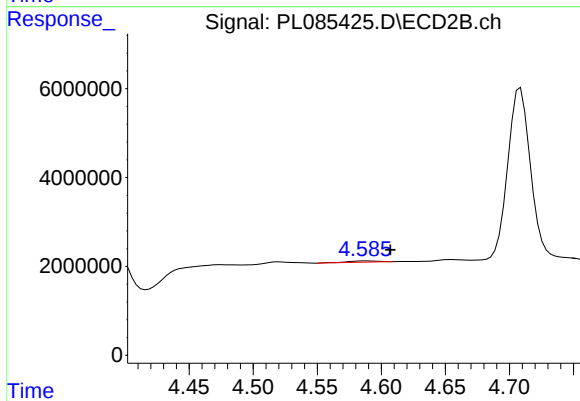
#7 delta-BHC

R.T.: 4.034 min  
Delta R.T.: 0.022 min  
Response: 1731022  
Conc: 0.75 ng/ml



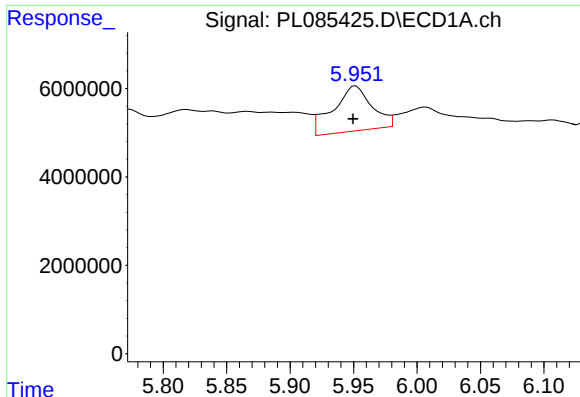
#8 Heptachlor epoxide

R.T.: 5.578 min  
Delta R.T.: 0.015 min  
Response: 167525435  
Conc: 39.04 ng/ml



#8 Heptachlor epoxide

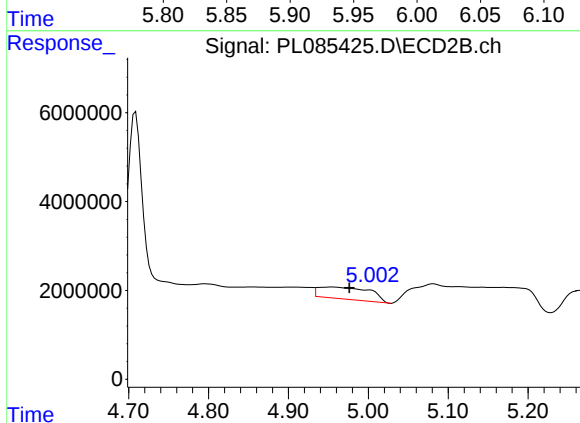
R.T.: 4.588 min  
Delta R.T.: -0.019 min  
Response: 450698  
Conc: 0.22 ng/ml



#9 Endosulfan I

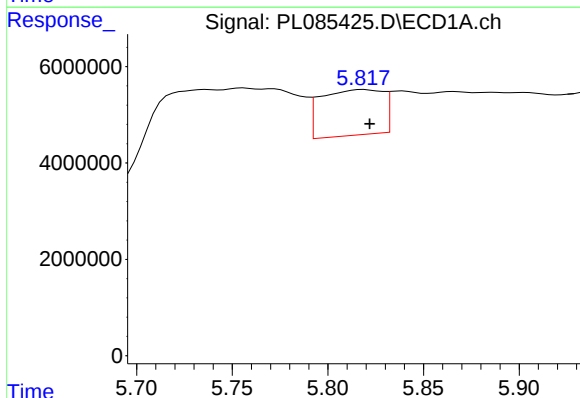
R.T.: 5.952 min  
Delta R.T.: 0.002 min  
Response: 21645078  
Conc: 5.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



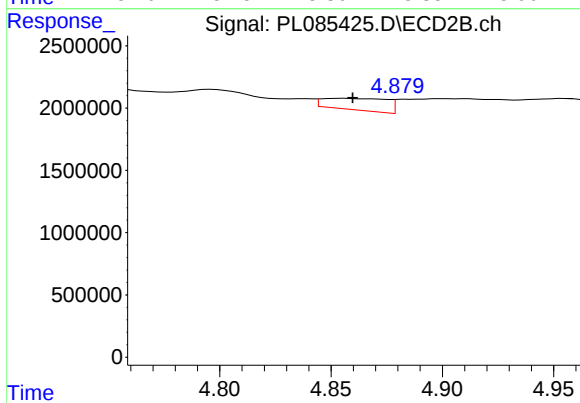
#9 Endosulfan I

R.T.: 4.955 min  
Delta R.T.: -0.022 min  
Response: 12074816  
Conc: 7.11 ng/ml



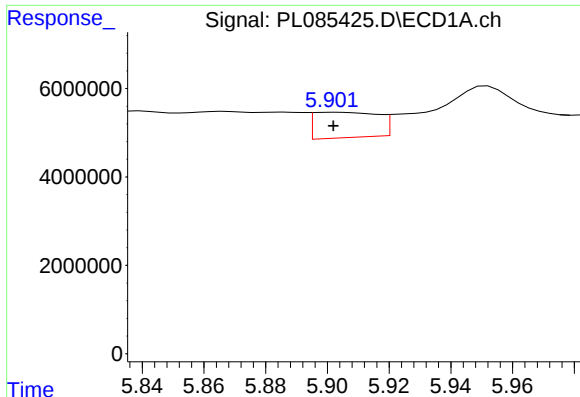
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: -0.003 min  
Response: 21450053  
Conc: 4.89 ng/ml



#10 gamma-Chlordane

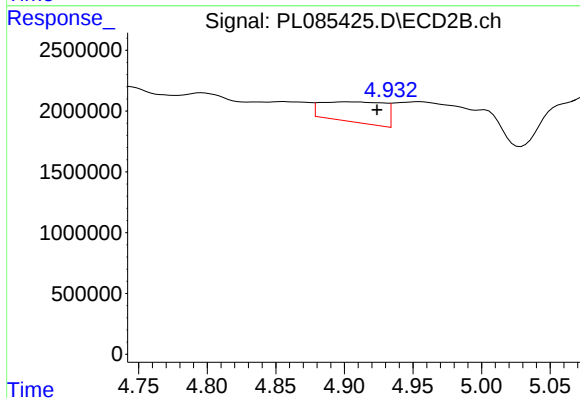
R.T.: 4.856 min  
Delta R.T.: -0.004 min  
Response: 1863035  
Conc: 0.88 ng/ml



#11 alpha-Chlordane

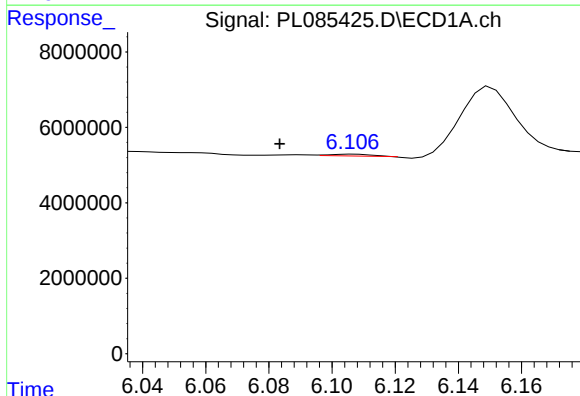
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 8298331  
Conc: 1.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



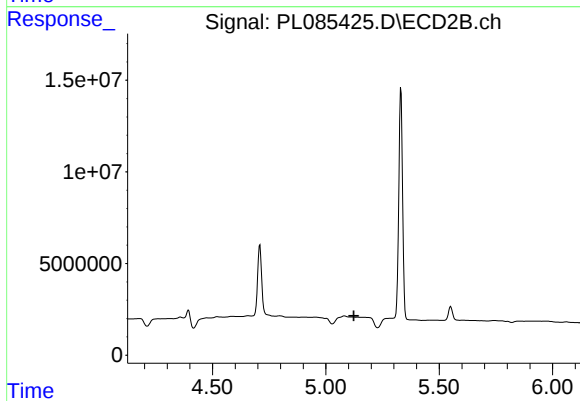
#11 alpha-Chlordane

R.T.: 4.901 min  
Delta R.T.: -0.023 min  
Response: 5325255  
Conc: 2.45 ng/ml



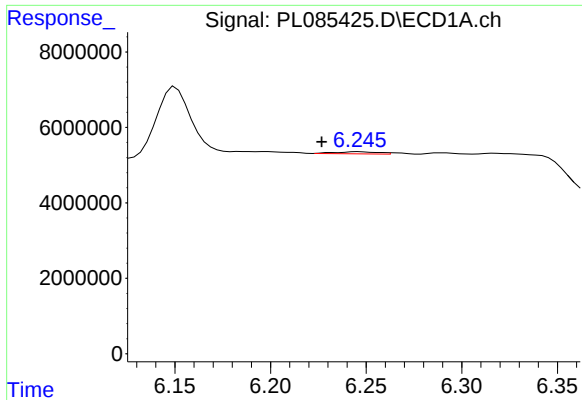
#12 4,4'-DDE

R.T.: 6.107 min  
Delta R.T.: 0.024 min  
Response: 388329  
Conc: 0.10 ng/ml



#12 4,4'-DDE

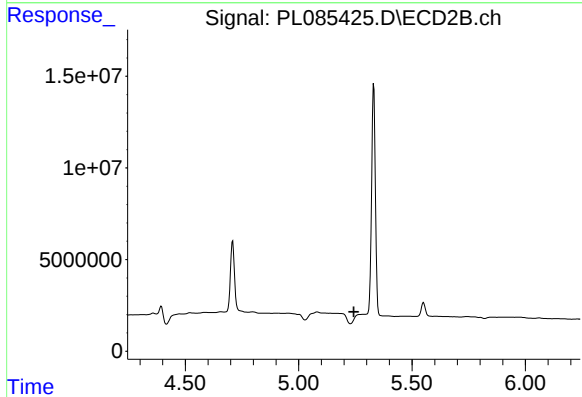
R.T.: 0.000 min  
Exp R.T. : 5.123 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

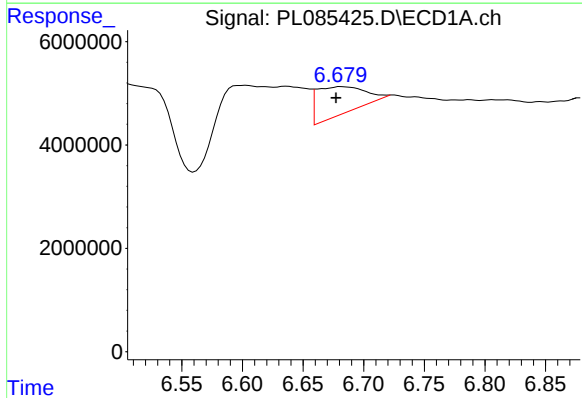
R.T.: 6.246 min  
Delta R.T.: 0.020 min  
Response: 817485  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



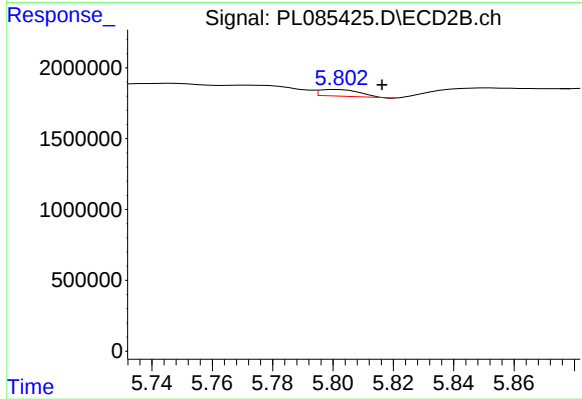
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.243 min  
Response: 0  
Conc: N.D.



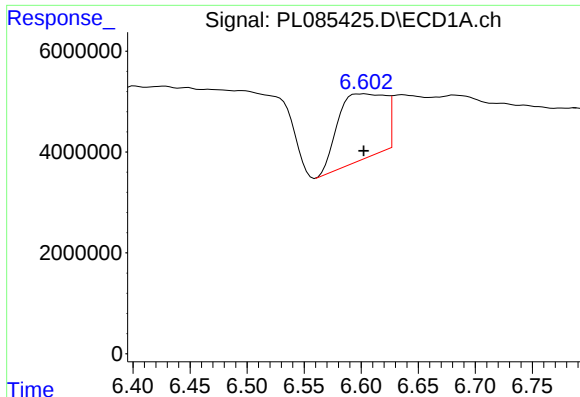
#15 Endosulfan II

R.T.: 6.681 min  
Delta R.T.: 0.004 min  
Response: 15788211  
Conc: 3.99 ng/ml



#15 Endosulfan II

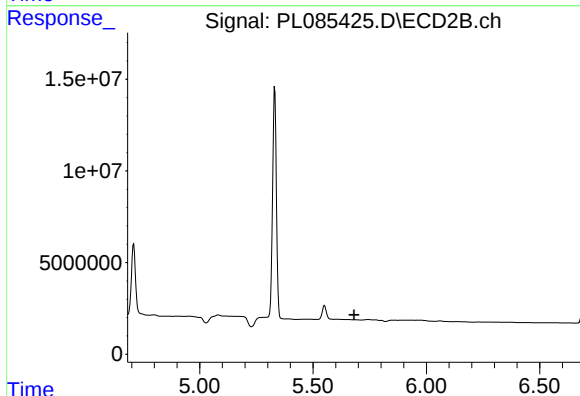
R.T.: 5.802 min  
Delta R.T.: -0.014 min  
Response: 447122  
Conc: 0.23 ng/ml



#16 4,4'-DDD

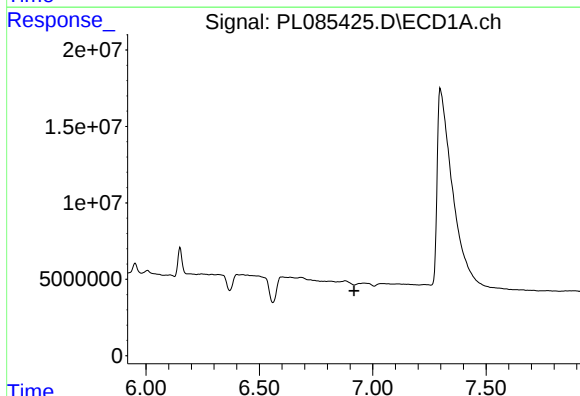
R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 37078057  
Conc: 11.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



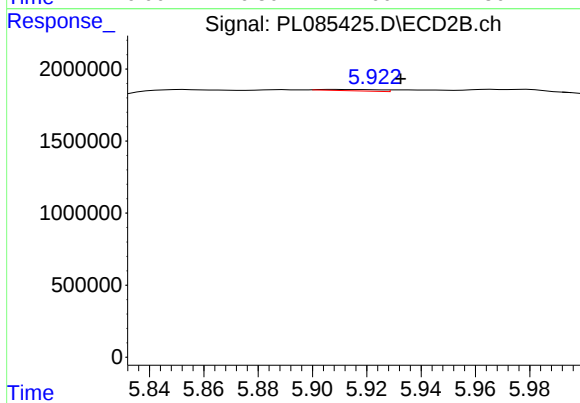
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.681 min  
Response: 0  
Conc: N.D.



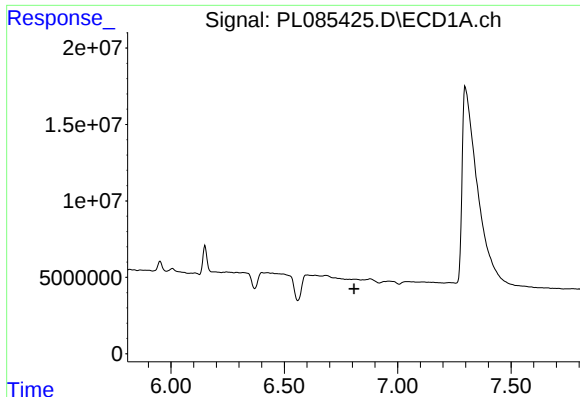
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.918 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

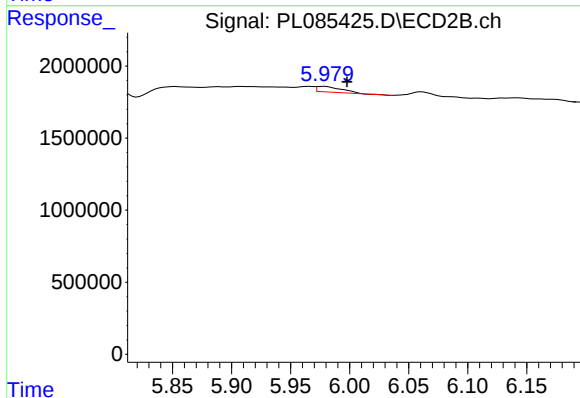
R.T.: 5.908 min  
Delta R.T.: -0.025 min  
Response: 141008  
Conc: 0.08 ng/ml



#18 Endrin aldehyde

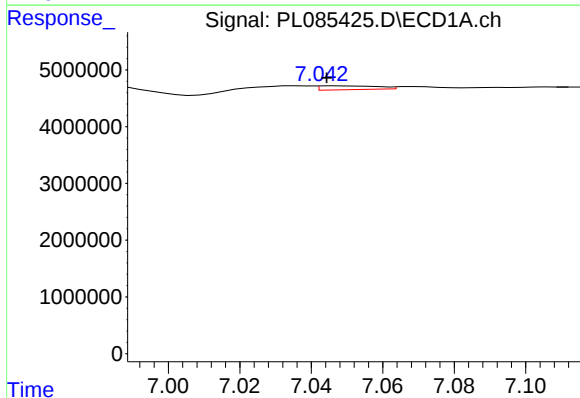
R.T.: 0.000 min  
Exp R.T.: 6.808 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



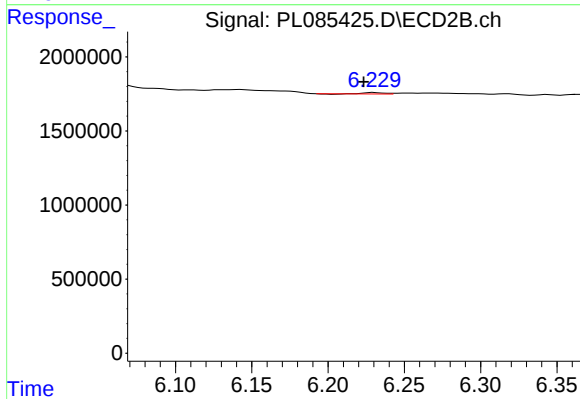
#18 Endrin aldehyde

R.T.: 5.979 min  
Delta R.T.: -0.019 min  
Response: 597983  
Conc: 0.38 ng/ml



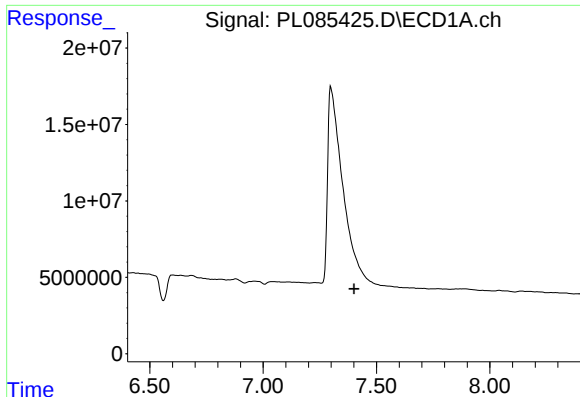
#19 Endosulfan Sulfate

R.T.: 7.047 min  
Delta R.T.: 0.002 min  
Response: 768693  
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

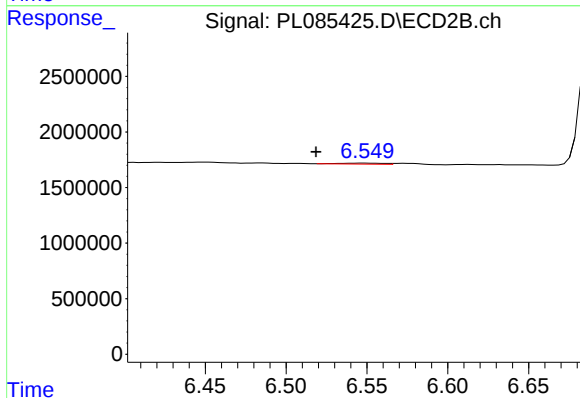
R.T.: 6.230 min  
Delta R.T.: 0.007 min  
Response: 64640  
Conc: 0.03 ng/ml



#20 Methoxychlor

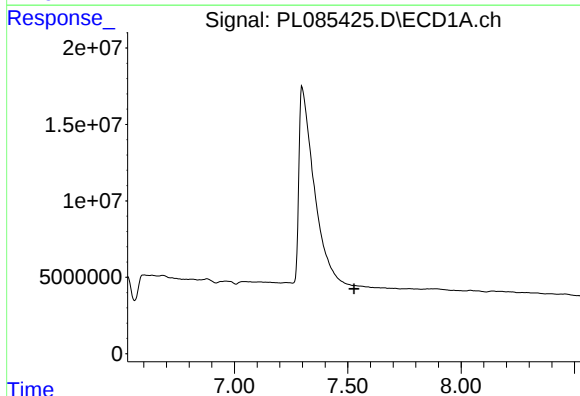
R.T.: 0.000 min  
Exp R.T.: 7.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



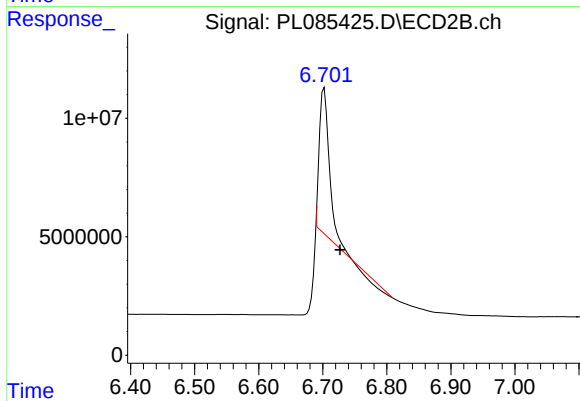
#20 Methoxychlor

R.T.: 6.548 min  
Delta R.T.: 0.030 min  
Response: 166849  
Conc: 0.16 ng/ml



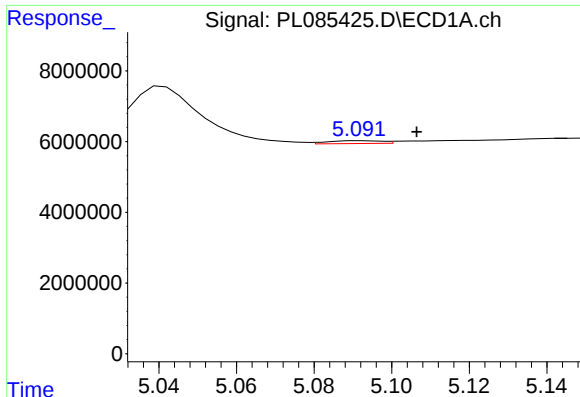
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.528 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

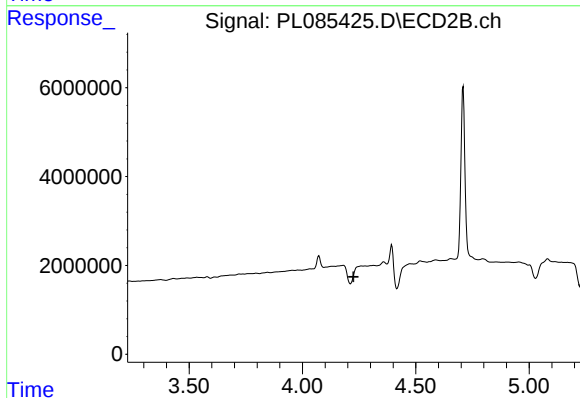
R.T.: 6.702 min  
Delta R.T.: -0.025 min  
Response: 58964448  
Conc: 23.61 ng/ml



#24 Chlordane-2

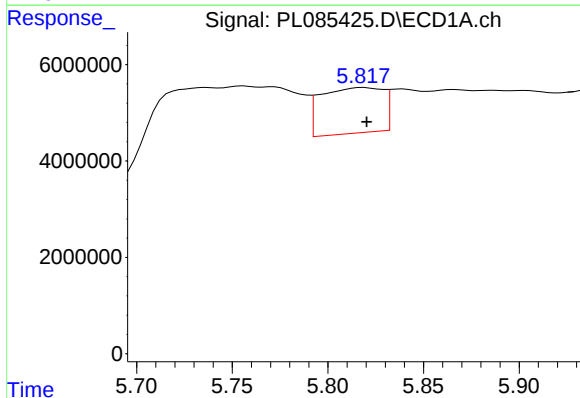
R.T.: 5.092 min  
Delta R.T.: -0.014 min  
Response: 767921  
Conc: 4.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



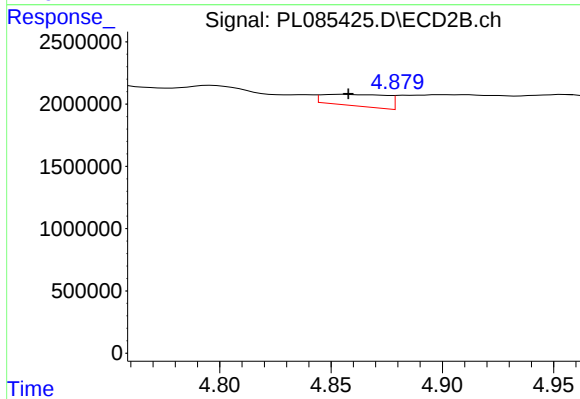
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.226 min  
Response: 0  
Conc: N.D.



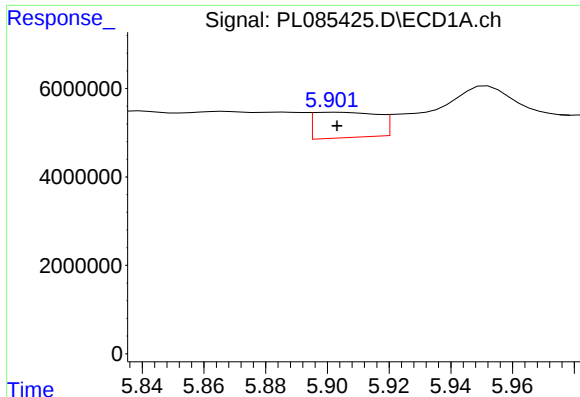
#25 Chlordane-3

R.T.: 5.819 min  
Delta R.T.: -0.002 min  
Response: 21450053  
Conc: 33.82 ng/ml



#25 Chlordane-3

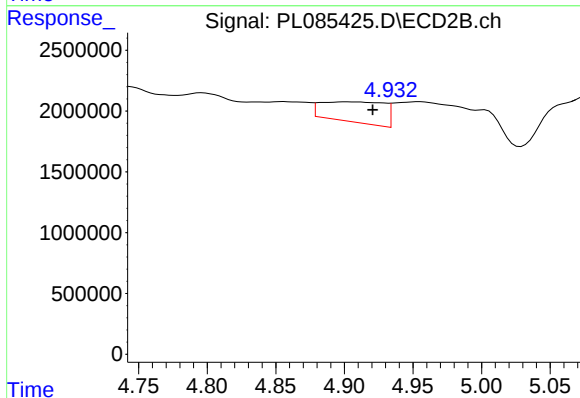
R.T.: 4.856 min  
Delta R.T.: -0.002 min  
Response: 1863035  
Conc: 9.01 ng/ml



#26 Chlordane-4

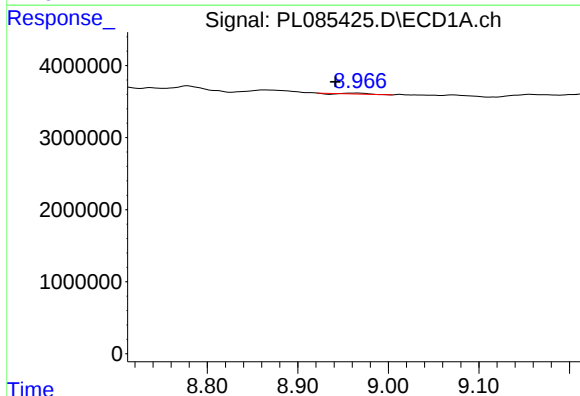
R.T.: 5.902 min  
Delta R.T.: -0.001 min  
Response: 8298331  
Conc: 10.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



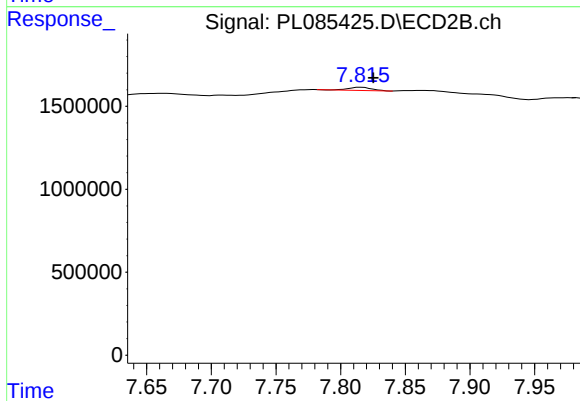
#26 Chlordane-4

R.T.: 4.901 min  
Delta R.T.: -0.020 min  
Response: 5325255  
Conc: 23.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.968 min  
Delta R.T.: 0.026 min  
Response: 177860  
Conc: 0.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.816 min  
Delta R.T.: -0.009 min  
Response: 233750  
Conc: 0.12 ng/ml