

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101722\  
 Data File : PL078394.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2022 13:11  
 Operator : AR\AJ  
 Sample : N5120-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

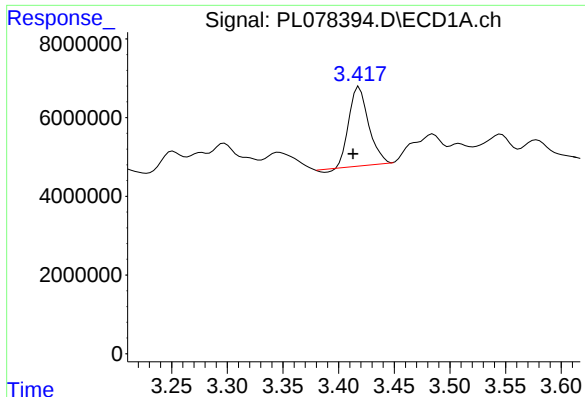
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 17 23:52:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 12 15:30:54 2022  
 Response via : Initial Calibration  
 Integrator: 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... | 3.419  | 2.620  | 24422858 | 23985634 | 14.778 | 9.074 #  |
| 28)                         | SA Decachlor... | 8.910  | 7.719  | 23337827 | 41713428 | 15.117 | 19.189 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.878  | 3.112  | 581062   | 5452060  | 0.231  | 1.310 #  |
| 3)                          | MA gamma-BHC... | 4.192f | 3.415f | 2577302  | 6413829  | 1.105  | 1.841 #  |
| 4)                          | MA Heptachlor   | 4.769f | 3.772  | 6570853  | 3020952  | 2.956  | 0.846 #  |
| 5)                          | MB Aldrin       | 5.139  | 4.050  | 8751835  | 16680363 | 4.179  | 4.903    |
| 7)                          | B delta-BHC     | 4.674  | 3.982f | -5671600 | 21888857 | N.D.   | 5.921    |
| 8)                          | B Heptachlo...  | 5.551  | 4.542  | 6568513  | 16690059 | 4.314  | 5.664 #  |
| 9)                          | A Endosulfan I  | 5.950  | 4.923f | 1245386  | 474128   | 0.742  | 0.172 #  |
| 10)                         | B gamma-Chl...  | 5.816  | 4.793  | 11145912 | 9951326  | 6.255  | 3.324 #  |
| 11)                         | B alpha-Chl...  | 5.902  | 4.874f | 5093610  | 24983818 | 2.844  | 8.676 #  |
| 12)                         | B 4,4'-DDE      | 6.078  | 5.050  | 2122591  | 7904040  | 1.259  | 2.765 #  |
| 13)                         | MA Dieldrin     | 6.232  | 5.156  | 6892602  | 13132253 | 4.006  | 4.482    |
| 14)                         | MA Endrin       | 6.480f | 5.424f | 4545922  | 3510303  | 3.046  | 1.524 #  |
| 15)                         | B Endosulfa...  | 6.667f | 5.750  | 3454314  | 9736021  | 2.577  | 3.977 #  |
| 16)                         | A 4,4'-DDD      | 6.572f | 5.614f | 5015476  | -1923424 | 4.073  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.904  | 5.835  | 1432711  | 3458692  | 0.979  | 1.524 #  |
| 18)                         | B Endrin al...  | 6.812  | 5.921  | 4909074  | 6603995  | 4.290  | 3.569    |
| 19)                         | B Endosulfa...  | 7.070f | 6.140  | -202410  | 8028023  | N.D.   | 3.335    |
| 20)                         | A Methoxychlor  | 7.390  | 6.405f | 16337371 | 9249439  | 21.561 | 7.323 #  |
| 21)                         | B Endrin ke...  | 7.557f | 0.000  | 2721302  | 0        | 1.744  | N.D. #   |
| 23)                         | Chlordane-1     | 4.562  | 3.582  | 640318   | 7285016  | 10.122 | 76.009 # |
| 25)                         | Chlordane-3     | 5.816  | 4.793  | 11145912 | 9951326  | 42.872 | 32.525   |
| 26)                         | Chlordane-4     | 5.902  | 4.874f | 5093610  | 24983818 | 15.949 | 77.369 # |
| 27)                         | Chlordane-5     | 6.747  | 5.543f | 1901395  | 3742545  | 37.444 | 43.859   |
| -----                       |                 |        |        |          |          |        |          |

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

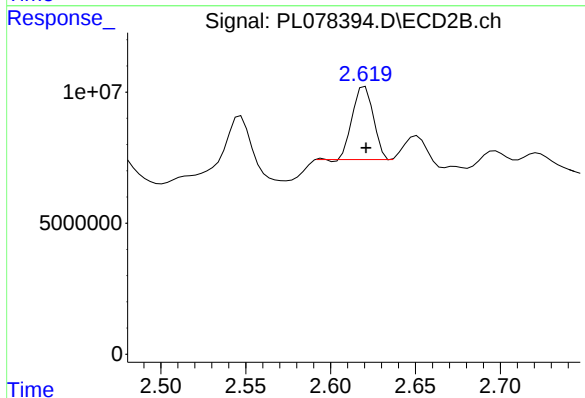




#1 Tetrachloro-m-xylene

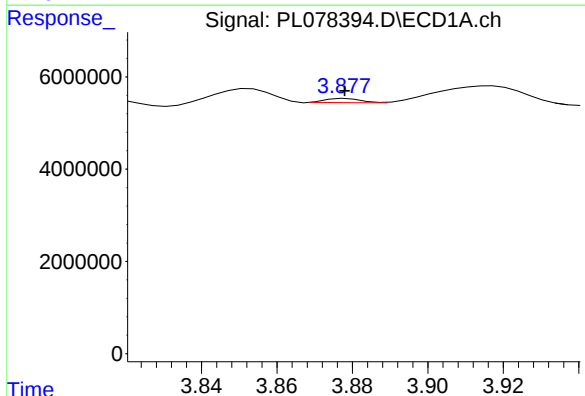
R.T.: 3.419 min  
Delta R.T.: 0.006 min  
Response: 24422858  
Conc: 14.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



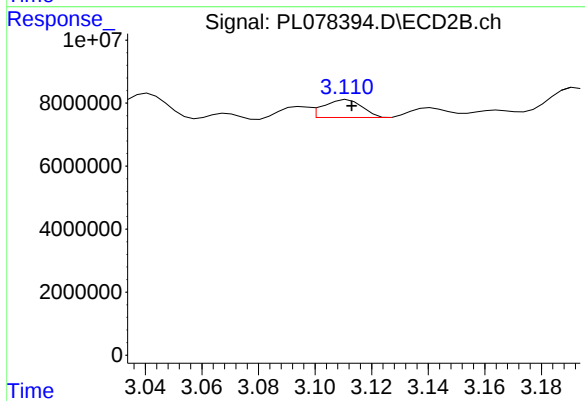
#1 Tetrachloro-m-xylene

R.T.: 2.620 min  
Delta R.T.: 0.000 min  
Response: 23985634  
Conc: 9.07 ng/ml



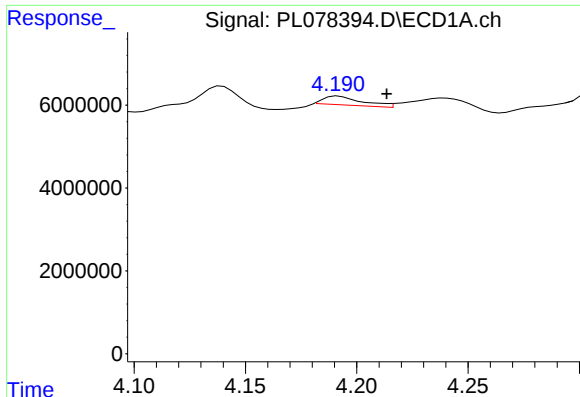
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 581062  
Conc: 0.23 ng/ml



#2 alpha-BHC

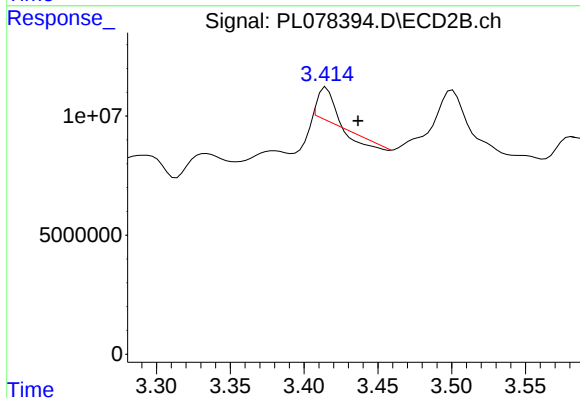
R.T.: 3.112 min  
Delta R.T.: -0.001 min  
Response: 5452060  
Conc: 1.31 ng/ml



#3 gamma-BHC (Lindane)

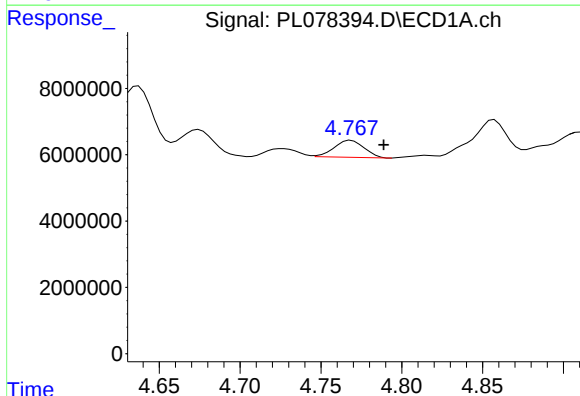
R.T.: 4.192 min  
Delta R.T.: -0.022 min  
Response: 2577302  
Conc: 1.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



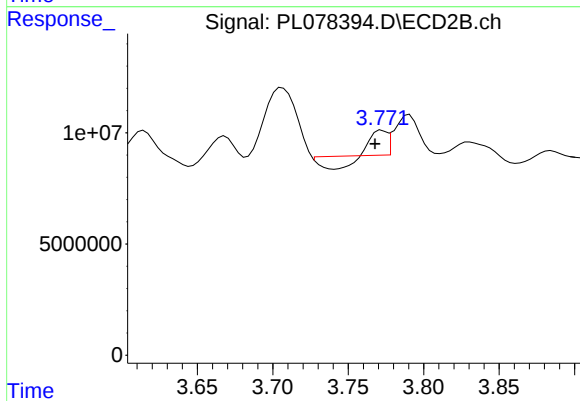
#3 gamma-BHC (Lindane)

R.T.: 3.415 min  
Delta R.T.: -0.021 min  
Response: 6413829  
Conc: 1.84 ng/ml



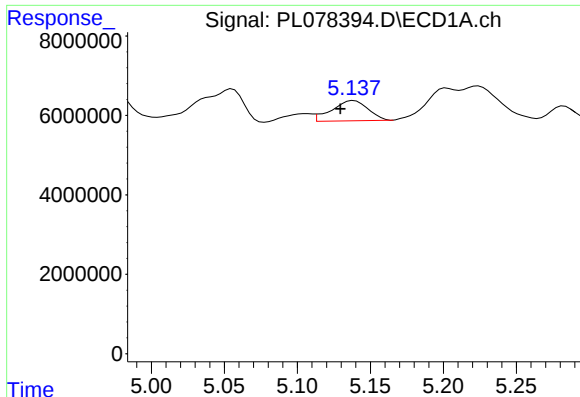
#4 Heptachlor

R.T.: 4.769 min  
Delta R.T.: -0.020 min  
Response: 6570853  
Conc: 2.96 ng/ml



#4 Heptachlor

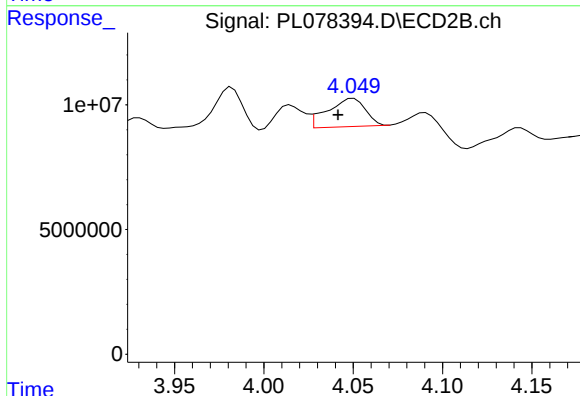
R.T.: 3.772 min  
Delta R.T.: 0.005 min  
Response: 3020952  
Conc: 0.85 ng/ml



#5 Aldrin

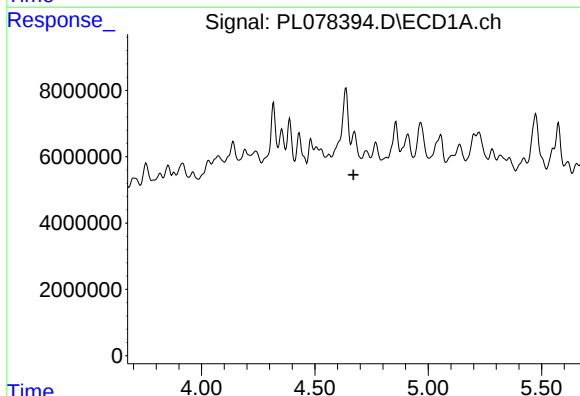
R.T.: 5.139 min  
Delta R.T.: 0.009 min  
Response: 8751835  
Conc: 4.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



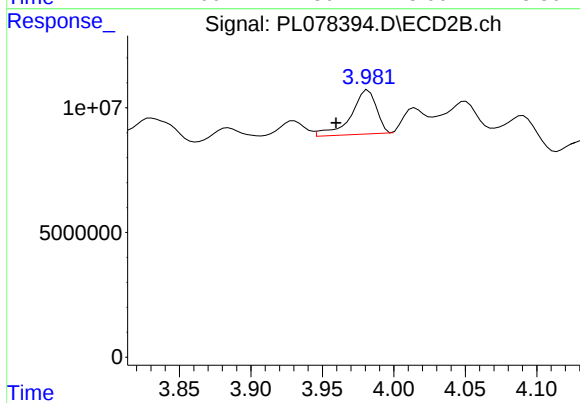
#5 Aldrin

R.T.: 4.050 min  
Delta R.T.: 0.009 min  
Response: 16680363  
Conc: 4.90 ng/ml



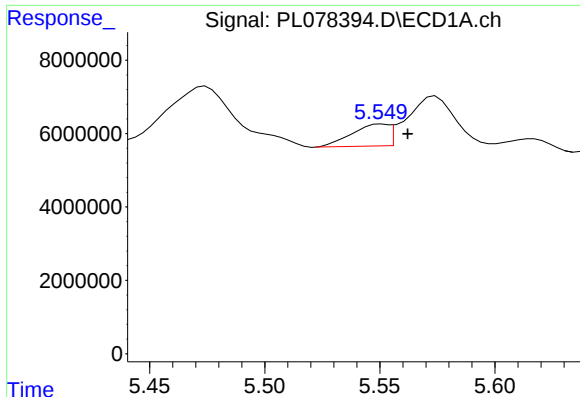
#7 delta-BHC

R.T.: 4.674 min  
Delta R.T.: 0.004 min  
Response: -5671600  
Conc: N.D.



#7 delta-BHC

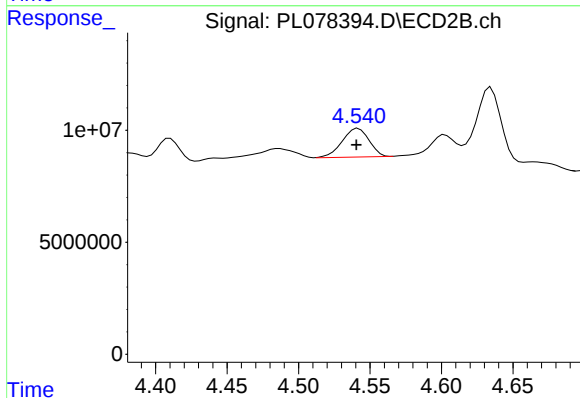
R.T.: 3.982 min  
Delta R.T.: 0.022 min  
Response: 21888857  
Conc: 5.92 ng/ml



#8 Heptachlor epoxide

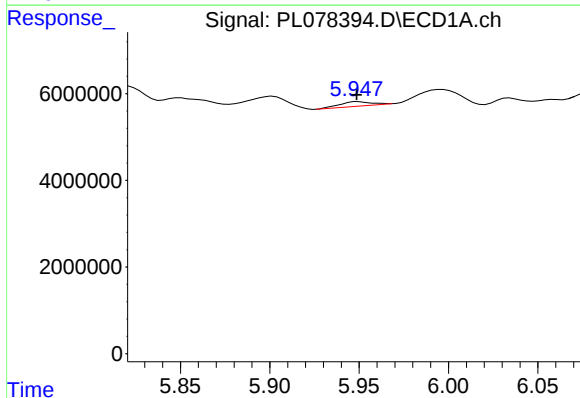
R.T.: 5.551 min  
Delta R.T.: -0.011 min  
Response: 6568513  
Conc: 4.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



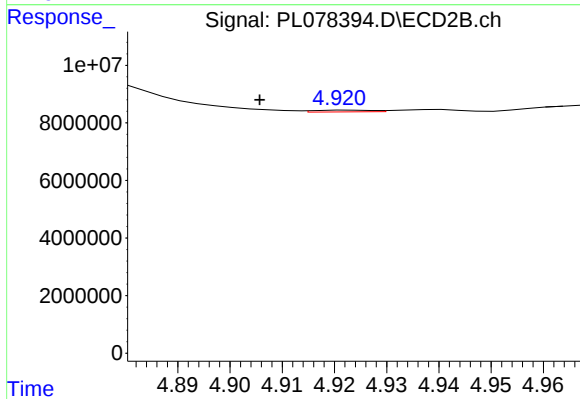
#8 Heptachlor epoxide

R.T.: 4.542 min  
Delta R.T.: 0.001 min  
Response: 16690059  
Conc: 5.66 ng/ml



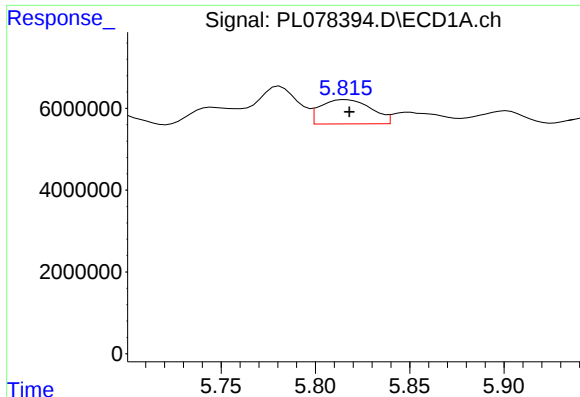
#9 Endosulfan I

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 1245386  
Conc: 0.74 ng/ml



#9 Endosulfan I

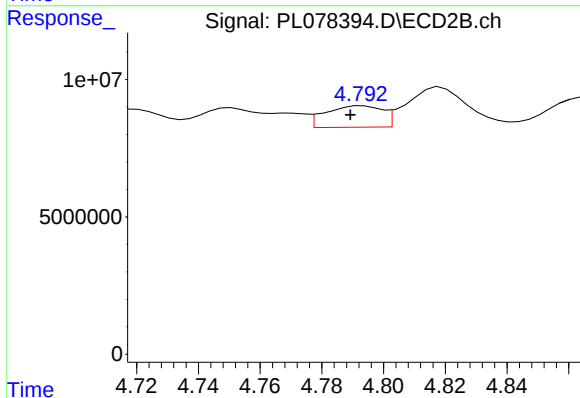
R.T.: 4.923 min  
Delta R.T.: 0.017 min  
Response: 474128  
Conc: 0.17 ng/ml



#10 gamma-Chlordane

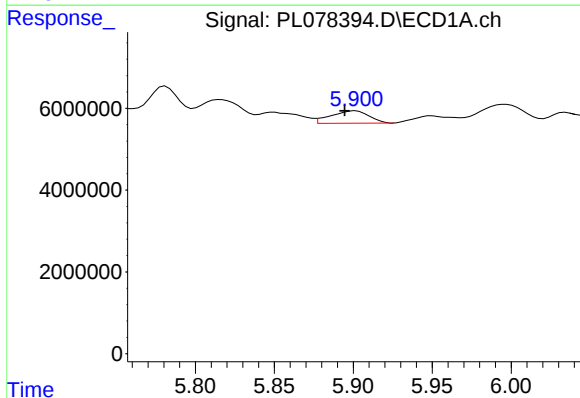
R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 11145912  
Conc: 6.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



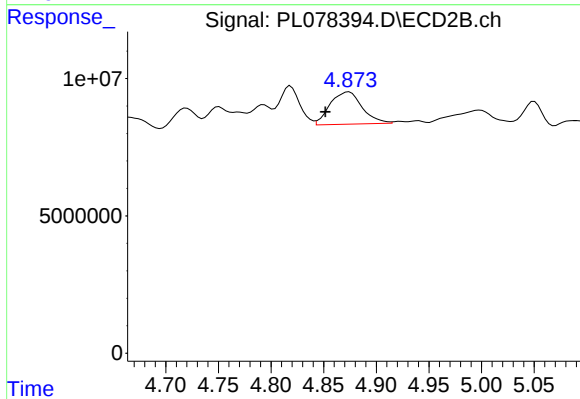
#10 gamma-Chlordane

R.T.: 4.793 min  
Delta R.T.: 0.004 min  
Response: 9951326  
Conc: 3.32 ng/ml



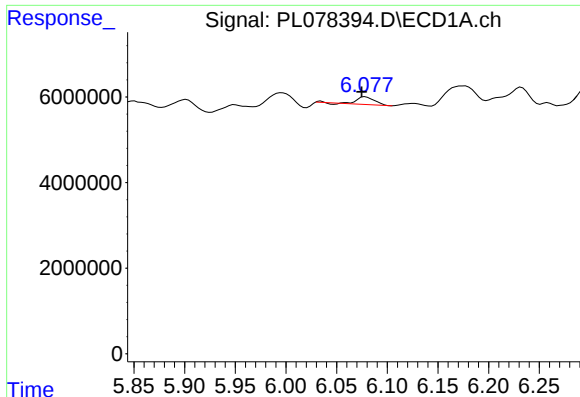
#11 alpha-Chlordane

R.T.: 5.902 min  
Delta R.T.: 0.007 min  
Response: 5093610  
Conc: 2.84 ng/ml



#11 alpha-Chlordane

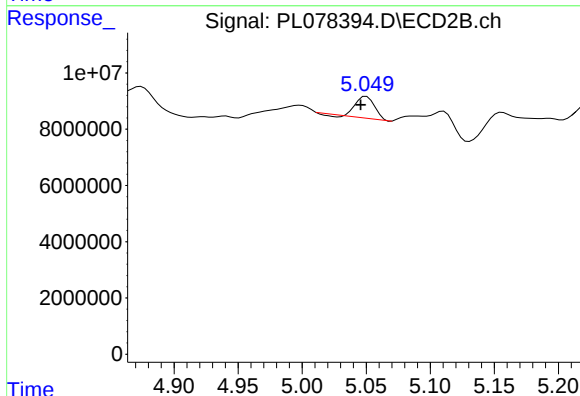
R.T.: 4.874 min  
Delta R.T.: 0.022 min  
Response: 24983818  
Conc: 8.68 ng/ml



#12 4,4'-DDE

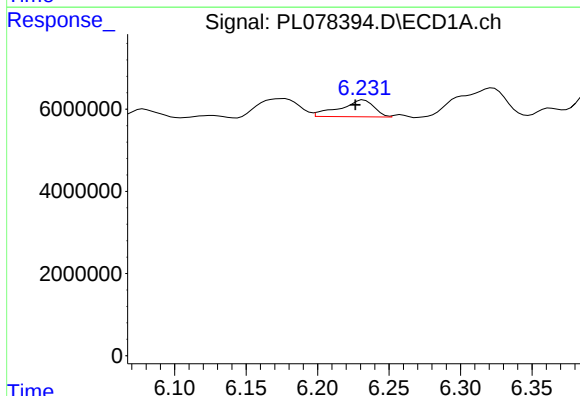
R.T.: 6.078 min  
Delta R.T.: 0.004 min  
Response: 2122591  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



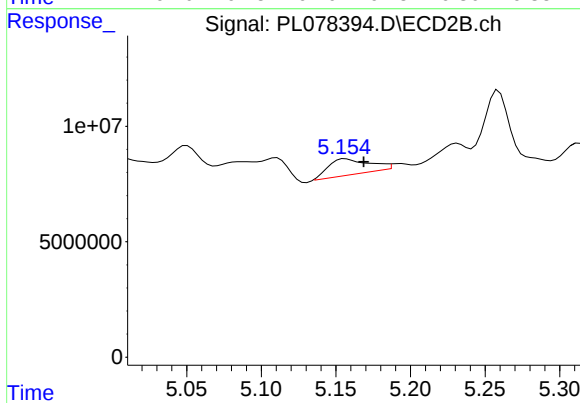
#12 4,4'-DDE

R.T.: 5.050 min  
Delta R.T.: 0.004 min  
Response: 7904040  
Conc: 2.76 ng/ml



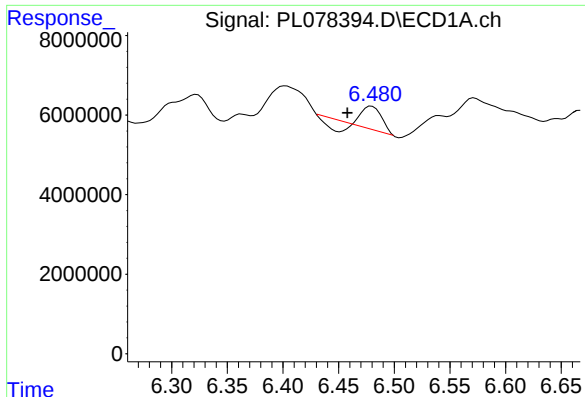
#13 Dieldrin

R.T.: 6.232 min  
Delta R.T.: 0.006 min  
Response: 6892602  
Conc: 4.01 ng/ml



#13 Dieldrin

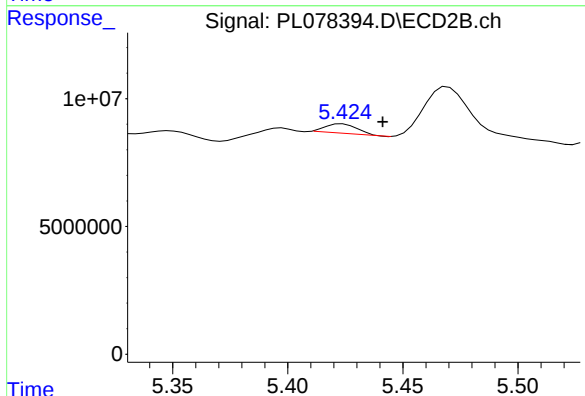
R.T.: 5.156 min  
Delta R.T.: -0.012 min  
Response: 13132253  
Conc: 4.48 ng/ml



#14 Endrin

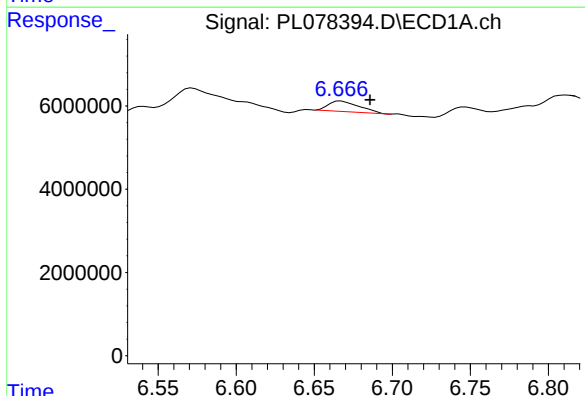
R.T.: 6.480 min  
Delta R.T.: 0.022 min  
Response: 4545922  
Conc: 3.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



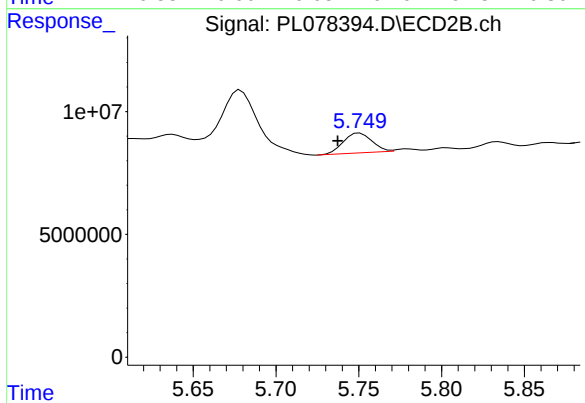
#14 Endrin

R.T.: 5.424 min  
Delta R.T.: -0.018 min  
Response: 3510303  
Conc: 1.52 ng/ml



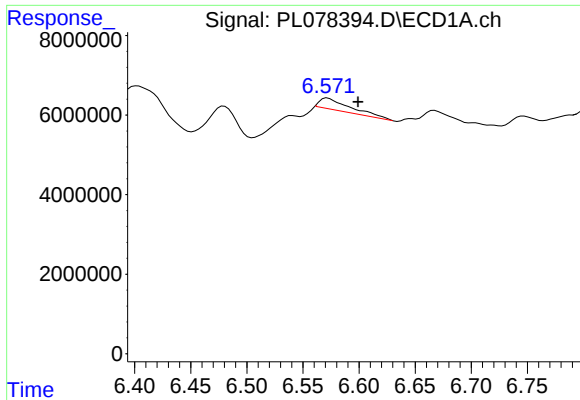
#15 Endosulfan II

R.T.: 6.667 min  
Delta R.T.: -0.019 min  
Response: 3454314  
Conc: 2.58 ng/ml



#15 Endosulfan II

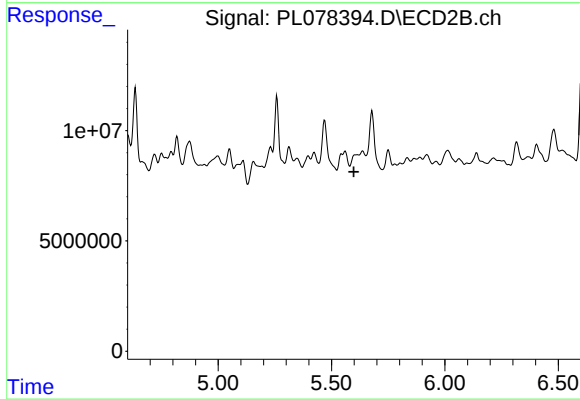
R.T.: 5.750 min  
Delta R.T.: 0.013 min  
Response: 9736021  
Conc: 3.98 ng/ml



#16 4,4'-DDD

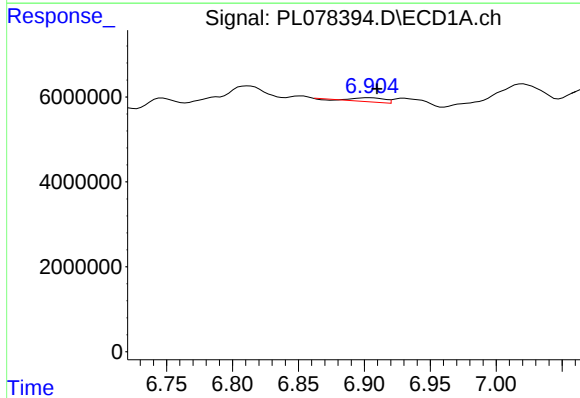
R.T.: 6.572 min  
Delta R.T.: -0.027 min  
Response: 5015476  
Conc: 4.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



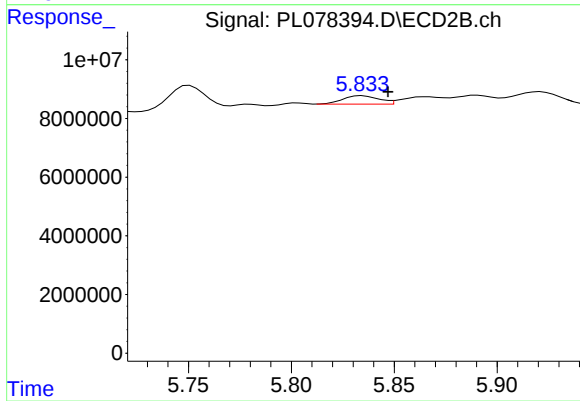
#16 4,4'-DDD

R.T.: 5.614 min  
Delta R.T.: 0.016 min  
Response: -1923424  
Conc: N.D.



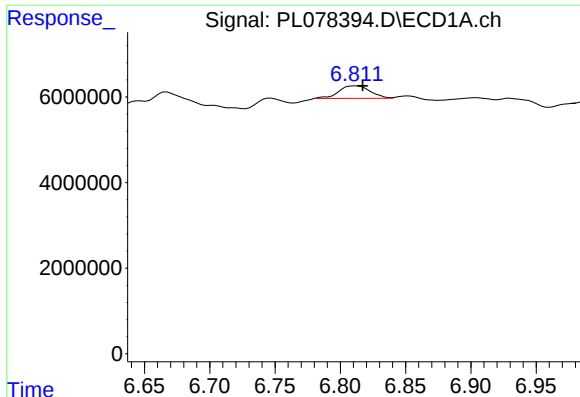
#17 4,4'-DDT

R.T.: 6.904 min  
Delta R.T.: -0.005 min  
Response: 1432711  
Conc: 0.98 ng/ml



#17 4,4'-DDT

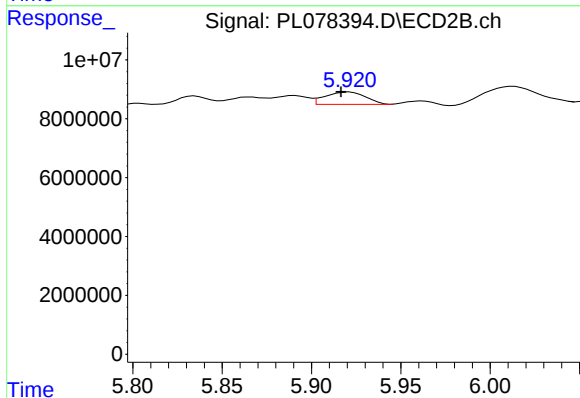
R.T.: 5.835 min  
Delta R.T.: -0.012 min  
Response: 3458692  
Conc: 1.52 ng/ml



#18 Endrin aldehyde

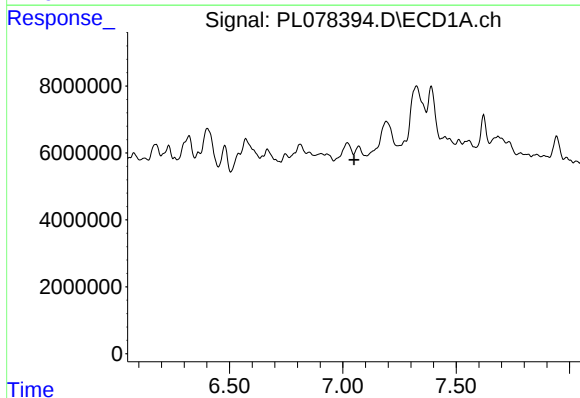
R.T.: 6.812 min  
Delta R.T.: -0.005 min  
Response: 4909074  
Conc: 4.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



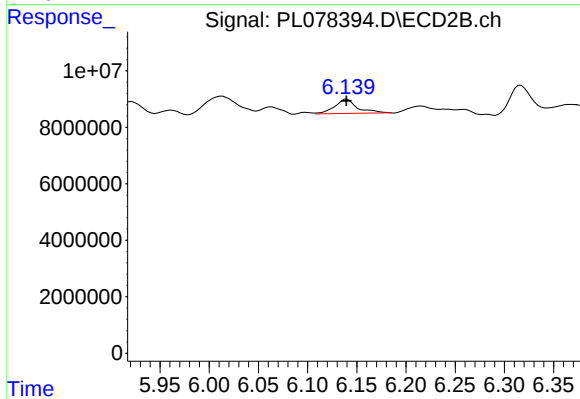
#18 Endrin aldehyde

R.T.: 5.921 min  
Delta R.T.: 0.005 min  
Response: 6603995  
Conc: 3.57 ng/ml



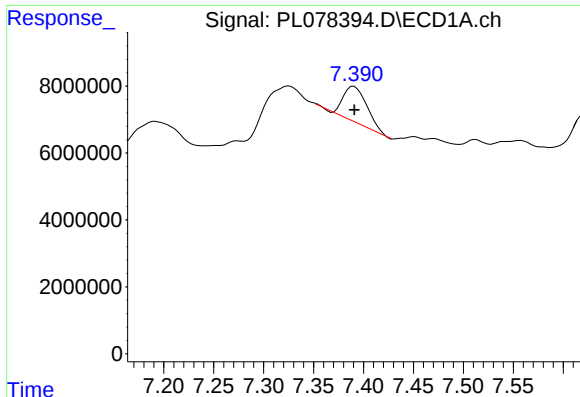
#19 Endosulfan Sulfate

R.T.: 7.070 min  
Delta R.T.: 0.020 min  
Response: -202410  
Conc: N.D.



#19 Endosulfan Sulfate

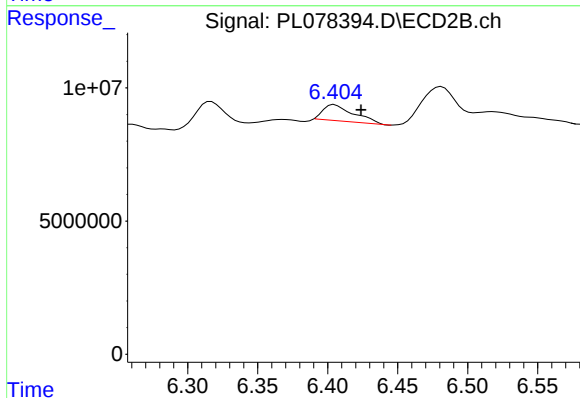
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 8028023  
Conc: 3.34 ng/ml



#20 Methoxychlor

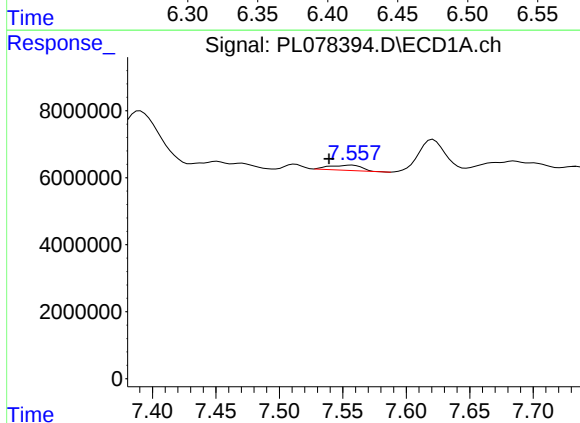
R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 16337371  
Conc: 21.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



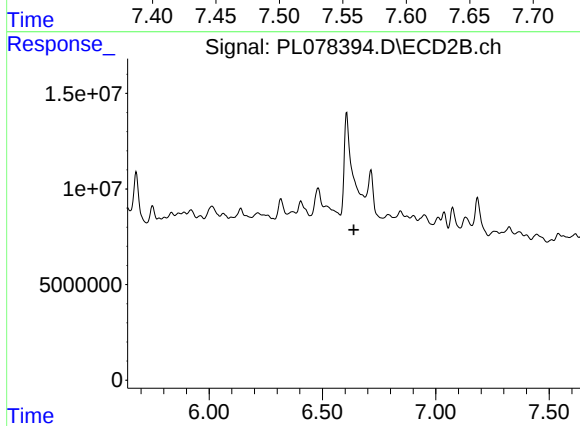
#20 Methoxychlor

R.T.: 6.405 min  
Delta R.T.: -0.019 min  
Response: 9249439  
Conc: 7.32 ng/ml



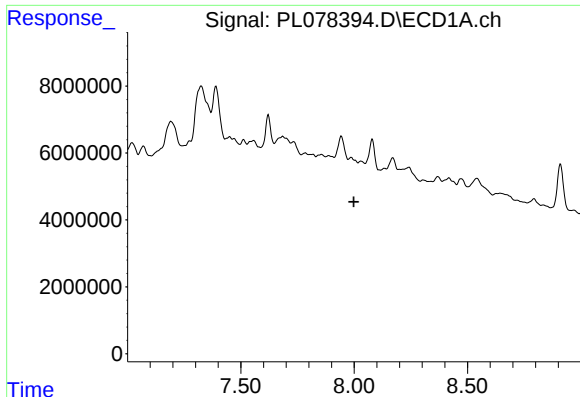
#21 Endrin ketone

R.T.: 7.557 min  
Delta R.T.: 0.018 min  
Response: 2721302  
Conc: 1.74 ng/ml



#21 Endrin ketone

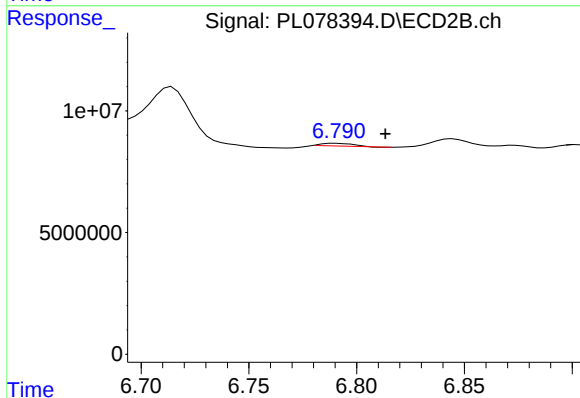
R.T.: 0.000 min  
Exp R.T. : 6.638 min  
Response: 0  
Conc: N.D.



#22 Mirex

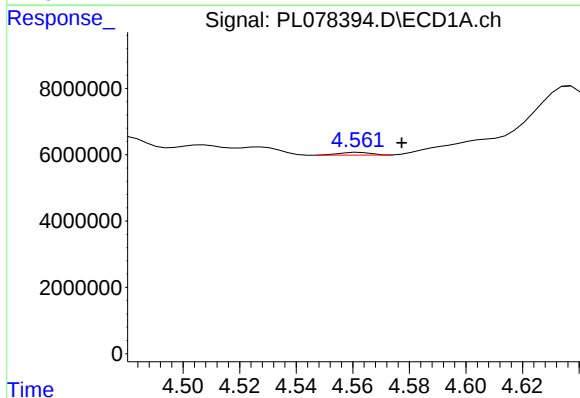
R.T.: 7.987 min  
Delta R.T.: -0.012 min  
Response: -4446907  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



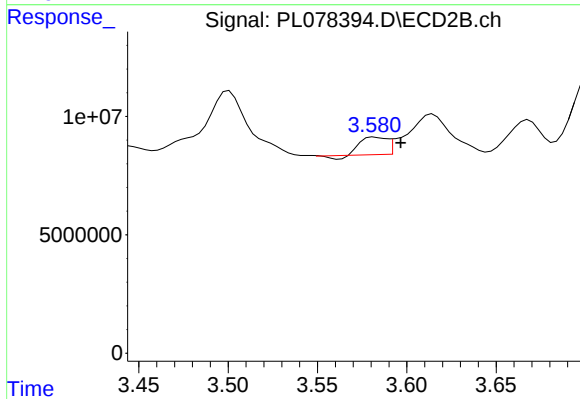
#22 Mirex

R.T.: 6.790 min  
Delta R.T.: -0.023 min  
Response: 1117896  
Conc: 0.58 ng/ml



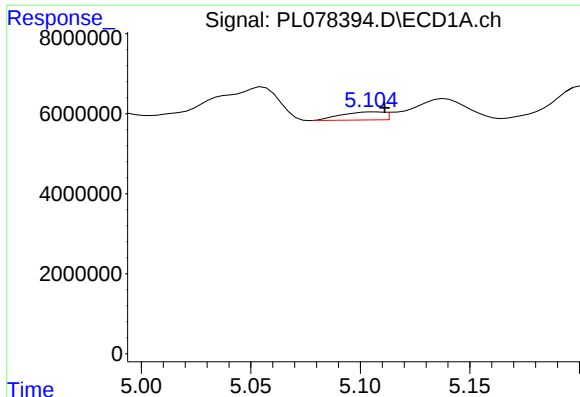
#23 Chlordane-1

R.T.: 4.562 min  
Delta R.T.: -0.015 min  
Response: 640318  
Conc: 10.12 ng/ml



#23 Chlordane-1

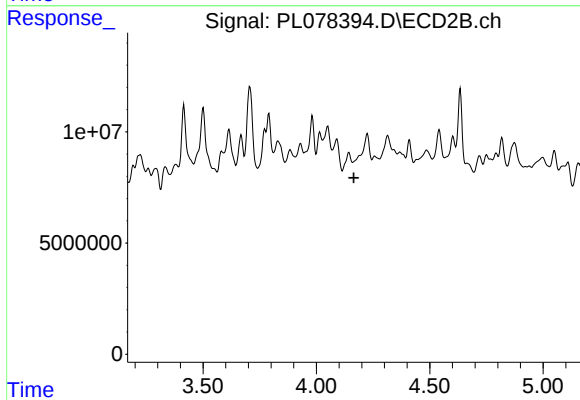
R.T.: 3.582 min  
Delta R.T.: -0.015 min  
Response: 7285016  
Conc: 76.01 ng/ml



#24 Chlordane-2

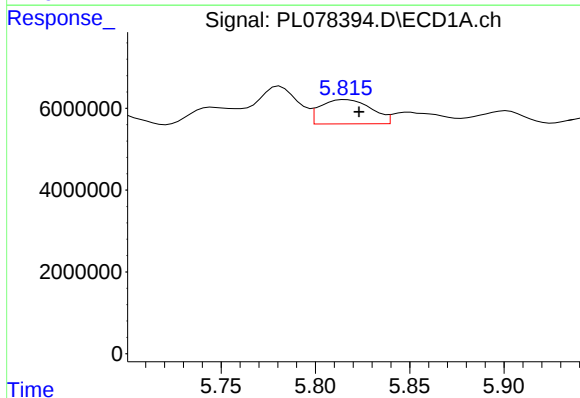
R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 2715420  
Conc: 38.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



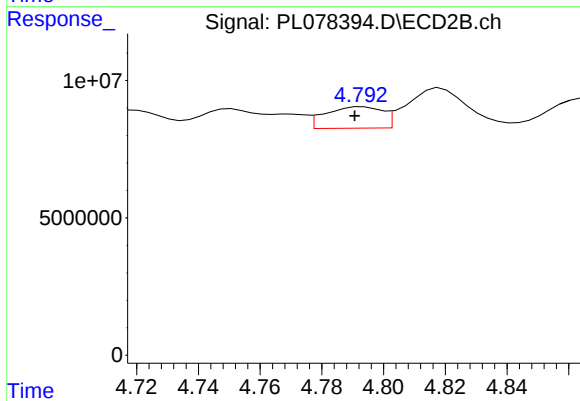
#24 Chlordane-2

R.T.: 4.144 min  
Delta R.T.: -0.022 min  
Response: -6065009  
Conc: N.D.



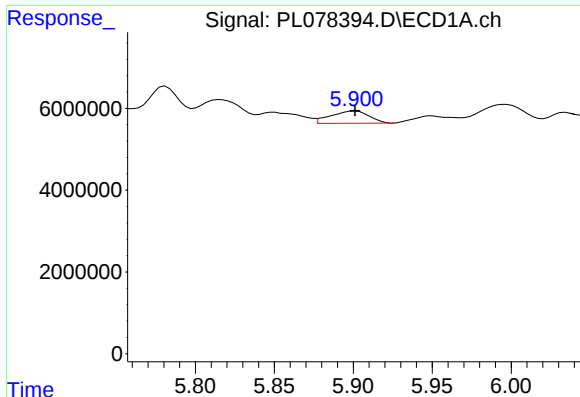
#25 Chlordane-3

R.T.: 5.816 min  
Delta R.T.: -0.007 min  
Response: 11145912  
Conc: 42.87 ng/ml



#25 Chlordane-3

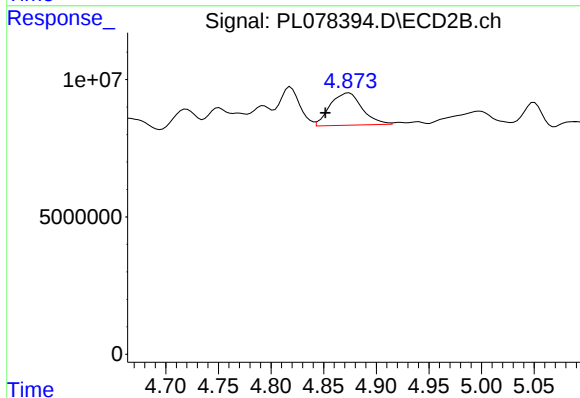
R.T.: 4.793 min  
Delta R.T.: 0.003 min  
Response: 9951326  
Conc: 32.53 ng/ml



#26 Chlordane-4

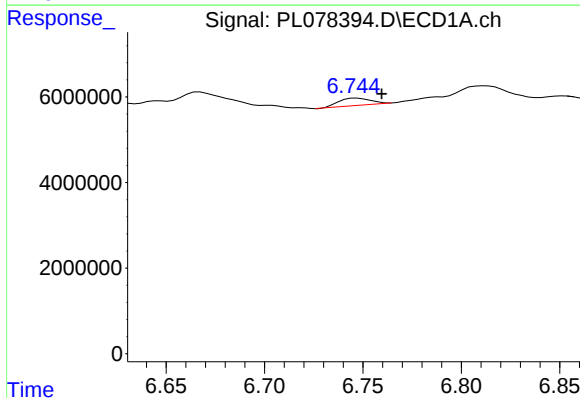
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 5093610  
Conc: 15.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



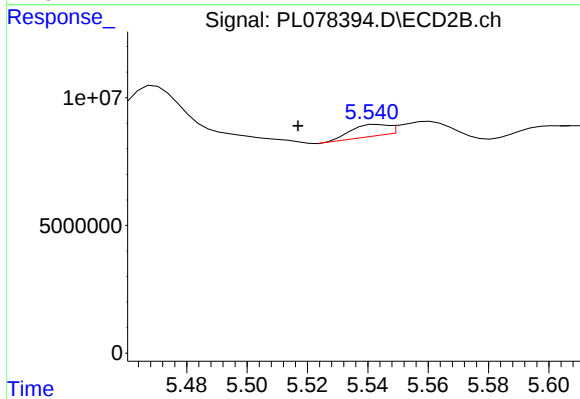
#26 Chlordane-4

R.T.: 4.874 min  
Delta R.T.: 0.022 min  
Response: 24983818  
Conc: 77.37 ng/ml



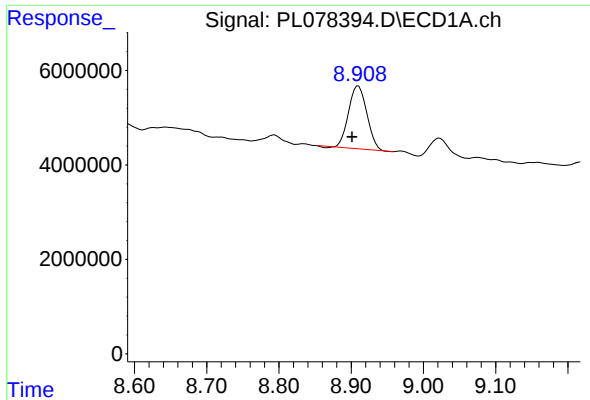
#27 Chlordane-5

R.T.: 6.747 min  
Delta R.T.: -0.013 min  
Response: 1901395  
Conc: 37.44 ng/ml



#27 Chlordane-5

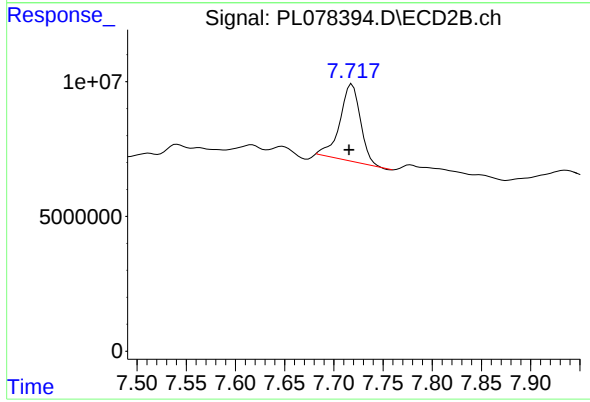
R.T.: 5.543 min  
Delta R.T.: 0.027 min  
Response: 3742545  
Conc: 43.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.910 min  
Delta R.T.: 0.009 min  
Response: 23337827  
Conc: 15.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.719 min  
Delta R.T.: 0.003 min  
Response: 41713428  
Conc: 19.19 ng/ml