

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072822\  
 Data File : PL076702.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2022 14:28  
 Operator : AR\AJ  
 Sample : N3798-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 00:09:08 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:22:48 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... | 3.421  | 2.642  | 26503897 | 43076127 | 25.681 | 14.522 #  |
| 28)                         | SA Decachlor... | 8.912  | 7.749  | 21410455 | 60135063 | 24.276 | 23.428    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.910f | 3.133  | 6099329  | 9499421  | 4.229  | 2.275 #   |
| 3)                          | MA gamma-BHC... | 4.197f | 3.439f | 10926888 | 69859219 | 8.093  | 18.329 #  |
| 4)                          | MA Heptachlor   | 4.800  | 3.798  | 658671   | 41040309 | 0.491  | 10.869 #  |
| 5)                          | MB Aldrin       | 5.141  | 4.077  | 4282461  | 34846964 | 3.565  | 9.906 #   |
| 6)                          | B beta-BHC      | 4.430  | 3.730f | 1188038  | 113.6E6  | 1.991  | 67.024 #  |
| 7)                          | B delta-BHC     | 4.675  | 4.007f | -7568994 | 43309320 | N.D.   | 11.357    |
| 8)                          | B Heptachlo...  | 5.574  | 4.569  | 3928420  | 26955220 | 3.523  | 8.499 #   |
| 9)                          | A Endosulfan I  | 5.949  | 4.961f | 319434   | 7807451  | 0.309  | 2.698 #   |
| 10)                         | B gamma-Chl...  | 5.813  | 4.818  | 10887139 | 12032954 | 9.819  | 3.760 #   |
| 11)                         | B alpha-Chl...  | 5.895  | 4.905f | 2941978  | 25470053 | 2.659  | 8.161 #   |
| 12)                         | B 4,4'-DDE      | 6.086  | 5.074  | 2867136  | 12405249 | 2.921  | 4.174 #   |
| 13)                         | MA Dieldrin     | 6.232  | 5.178f | 6887288  | 9414105  | 6.544  | 3.034 #   |
| 14)                         | MA Endrin       | 6.482f | 5.445f | 13627951 | 5690337  | 14.187 | 2.267 #   |
| 15)                         | B Endosulfa...  | 6.674f | 5.771  | 3911473  | 25498719 | 4.358  | 10.633 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.623  | 0        | 16048104 | N.D.   | 6.774 #   |
| 17)                         | MA 4,4'-DDT     | 6.914  | 5.861  | 1159644  | 1945471  | 1.276  | 0.810 #   |
| 18)                         | B Endrin al...  | 6.807f | 5.946  | 6215233  | 4413625  | 8.525  | 2.343 #   |
| 19)                         | B Endosulfa...  | 7.069  | 6.163  | 3027105  | 3627255  | 3.366  | 1.475 #   |
| 20)                         | A Methoxychlor  | 7.395  | 6.449  | 21180067 | 7558618  | 41.856 | 5.779 #   |
| 21)                         | B Endrin ke...  | 7.543  | 0.000  | 576723   | 0        | 0.564  | N.D. #    |
| 22)                         | Mirex           | 7.986f | 6.829f | 3370985  | 1025089  | 4.358  | 0.511 #   |
| 23)                         | Chlordane-1     | 4.560f | 3.638f | 2039785  | 27887112 | 60.431 | 308.657 # |
| 24)                         | Chlordane-2     | 5.110  | 4.165f | 1642050  | 6442916  | 44.842 | 61.867 #  |
| 25)                         | Chlordane-3     | 5.813  | 4.818  | 10887139 | 12032954 | 78.580 | 42.505 #  |
| 26)                         | Chlordane-4     | 5.895  | 4.905f | 2941978  | 25470053 | 17.155 | 85.796 #  |
| -----                       |                 |        |        |          |          |        |           |

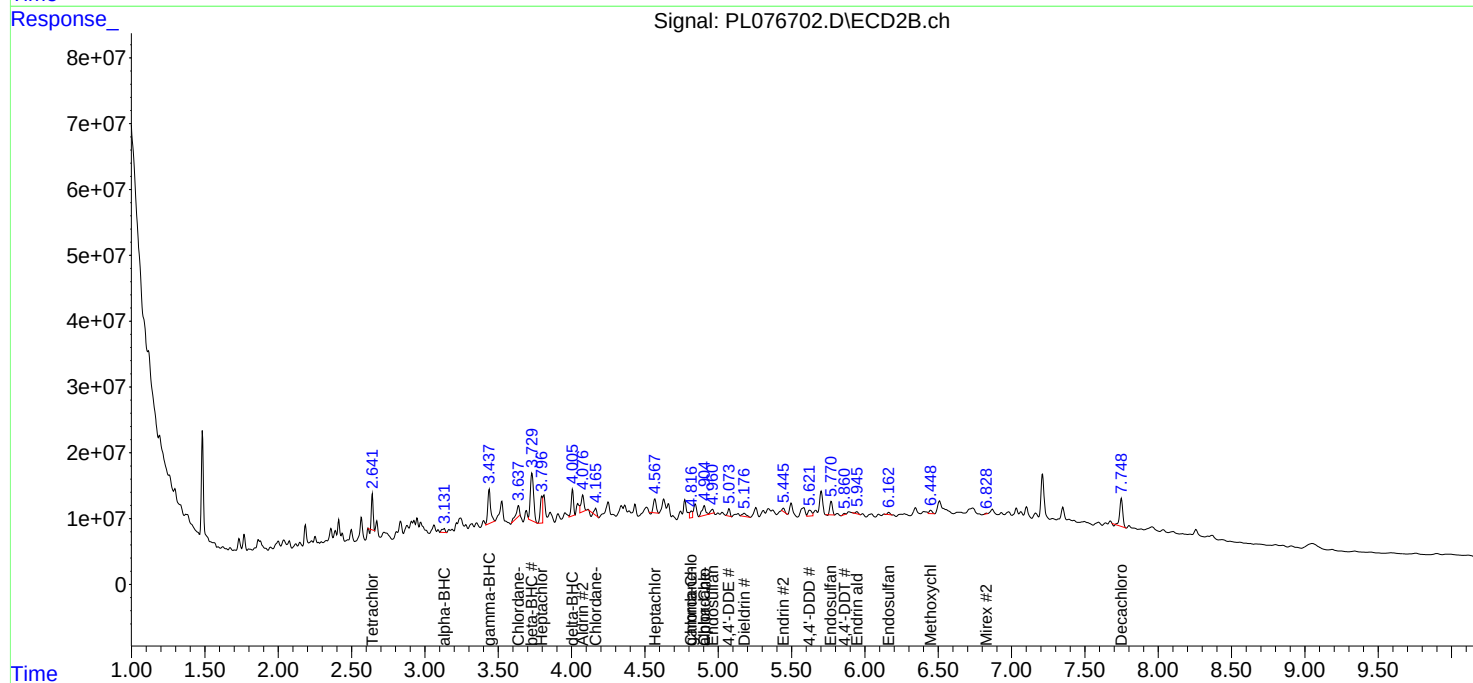
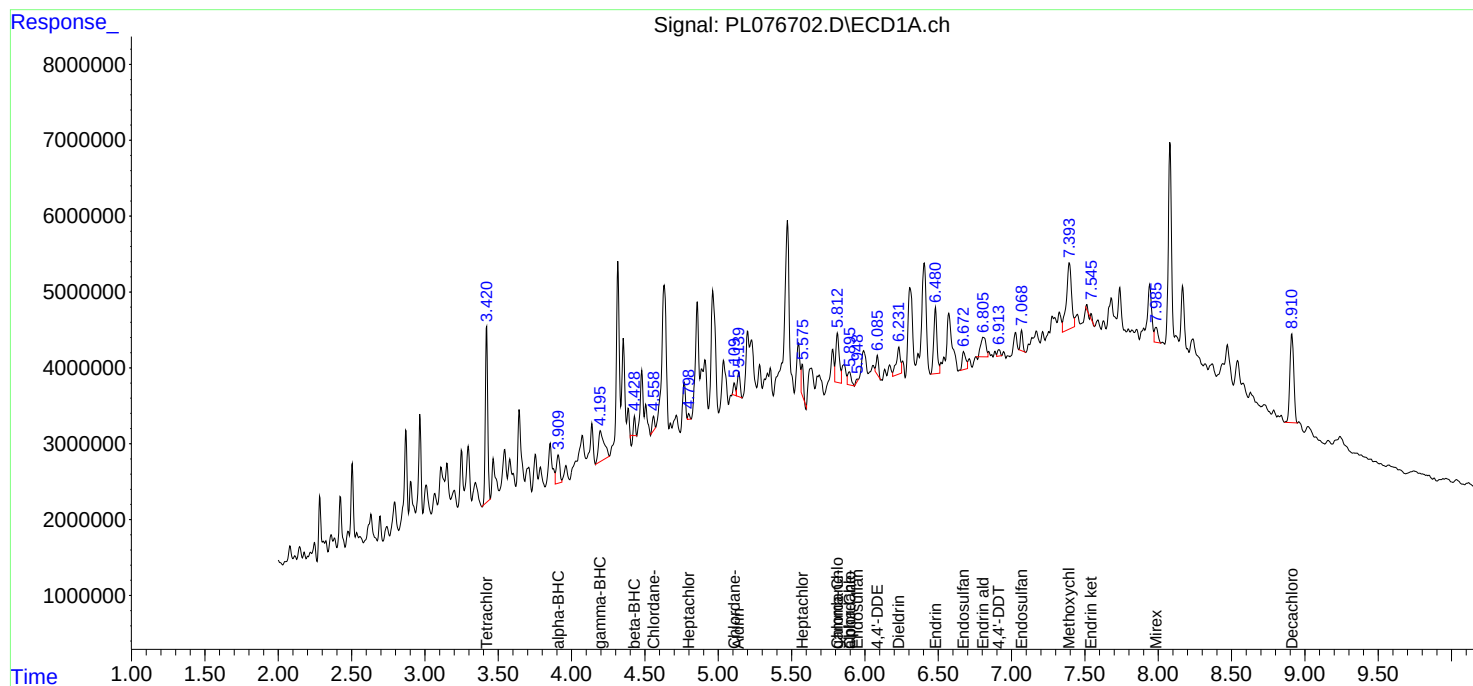
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

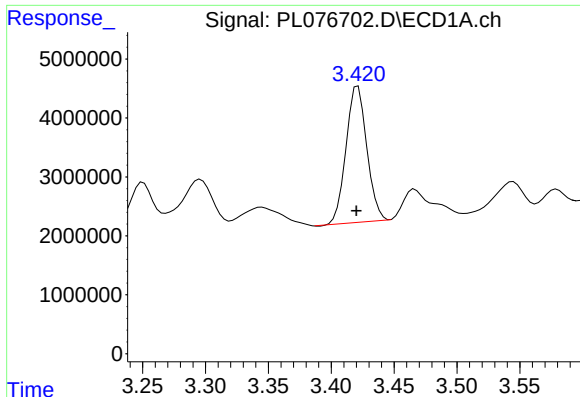
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072822\  
Data File : PL076702.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2022 14:28  
Operator : AR\AJ  
Sample : N3798-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 00:09:08 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 05:22:48 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

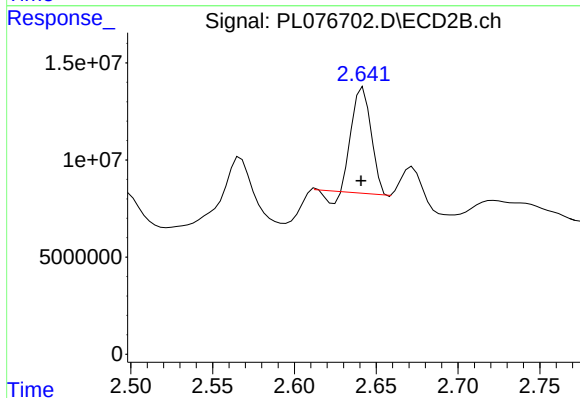




#1 Tetrachloro-m-xylene

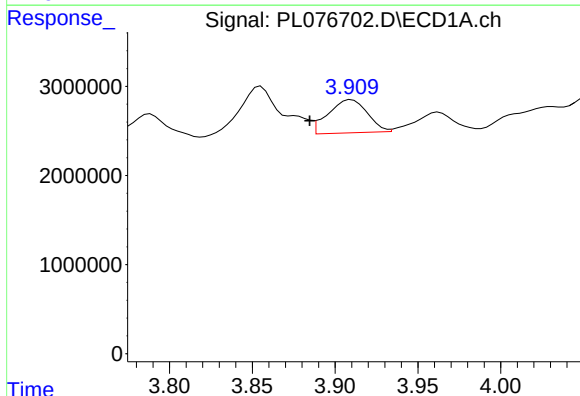
R.T.: 3.421 min  
Delta R.T.: 0.001 min  
Response: 26503897  
Conc: 25.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



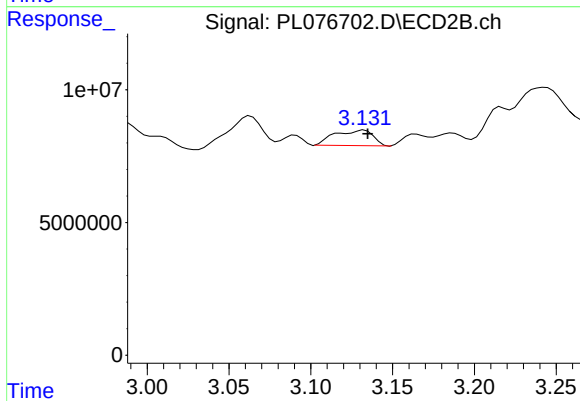
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: 0.001 min  
Response: 43076127  
Conc: 14.52 ng/ml



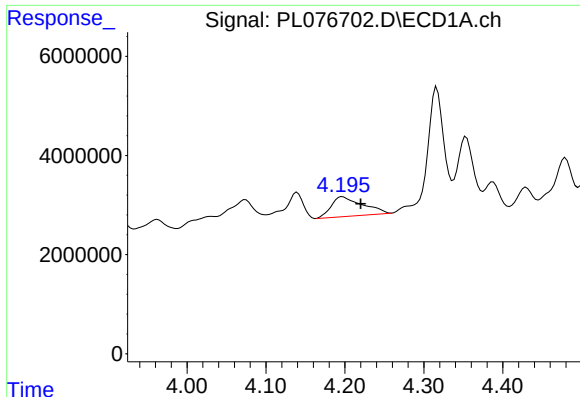
#2 alpha-BHC

R.T.: 3.910 min  
Delta R.T.: 0.025 min  
Response: 6099329  
Conc: 4.23 ng/ml



#2 alpha-BHC

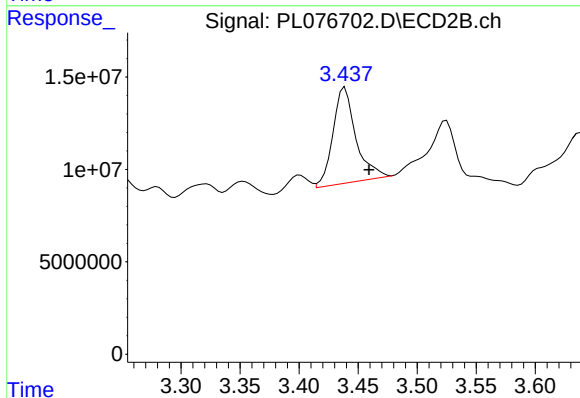
R.T.: 3.133 min  
Delta R.T.: -0.002 min  
Response: 9499421  
Conc: 2.28 ng/ml



#3 gamma-BHC (Lindane)

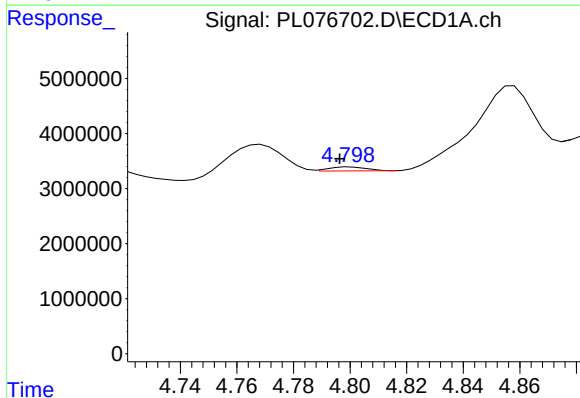
R.T.: 4.197 min  
Delta R.T.: -0.023 min  
Response: 10926888  
Conc: 8.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



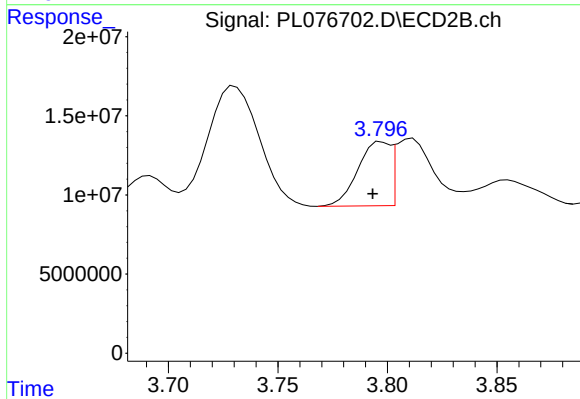
#3 gamma-BHC (Lindane)

R.T.: 3.439 min  
Delta R.T.: -0.020 min  
Response: 69859219  
Conc: 18.33 ng/ml



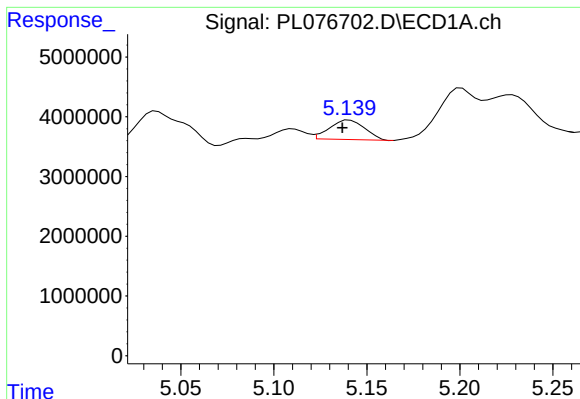
#4 Heptachlor

R.T.: 4.800 min  
Delta R.T.: 0.004 min  
Response: 658671  
Conc: 0.49 ng/ml



#4 Heptachlor

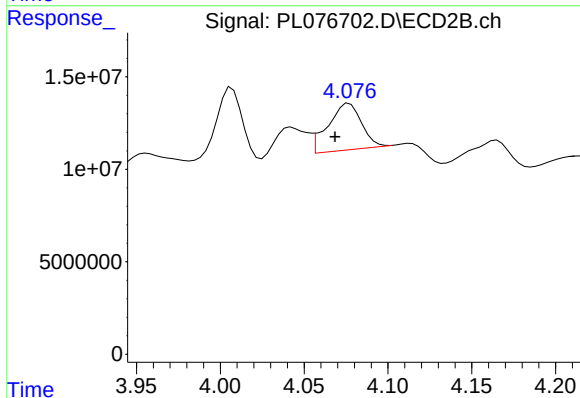
R.T.: 3.798 min  
Delta R.T.: 0.004 min  
Response: 41040309  
Conc: 10.87 ng/ml



#5 Aldrin

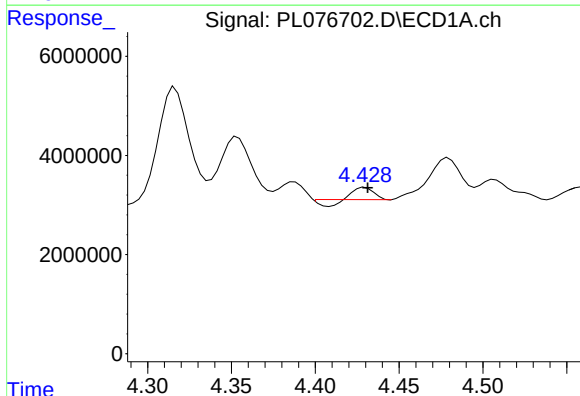
R.T.: 5.141 min  
Delta R.T.: 0.004 min  
Response: 4282461  
Conc: 3.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



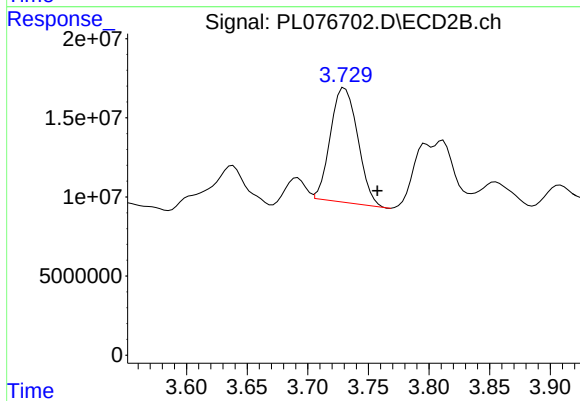
#5 Aldrin

R.T.: 4.077 min  
Delta R.T.: 0.008 min  
Response: 34846964  
Conc: 9.91 ng/ml



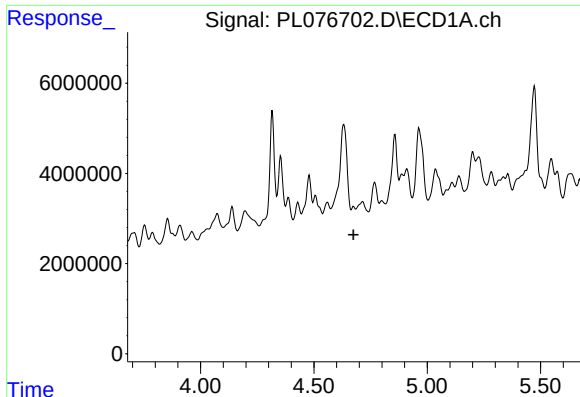
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: -0.002 min  
Response: 1188038  
Conc: 1.99 ng/ml



#6 beta-BHC

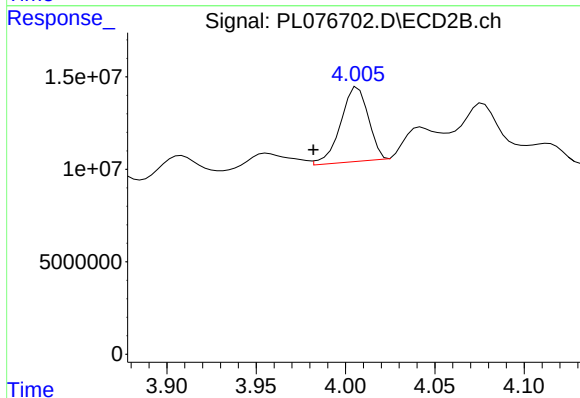
R.T.: 3.730 min  
Delta R.T.: -0.027 min  
Response: 113648975  
Conc: 67.02 ng/ml



#7 delta-BHC

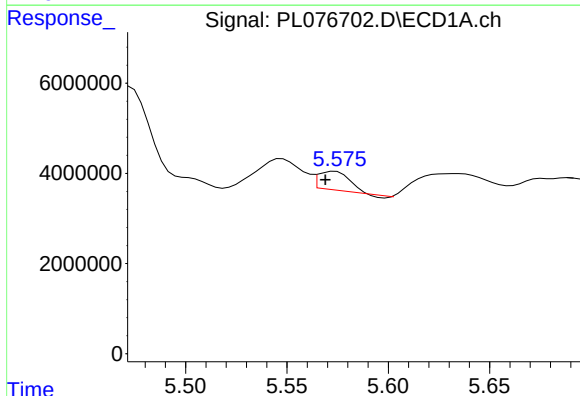
R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: -7568994  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



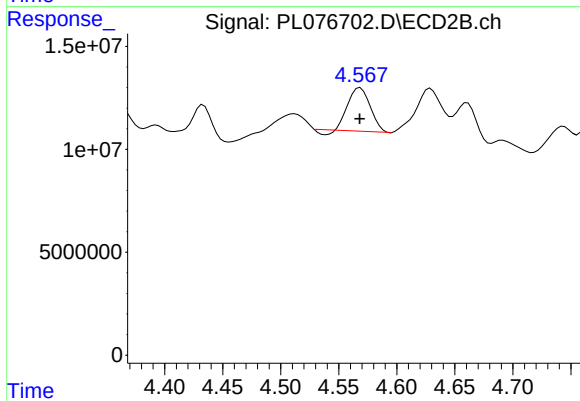
#7 delta-BHC

R.T.: 4.007 min  
Delta R.T.: 0.025 min  
Response: 43309320  
Conc: 11.36 ng/ml



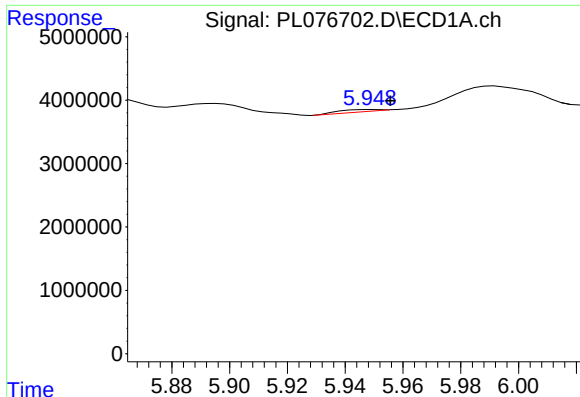
#8 Heptachlor epoxide

R.T.: 5.574 min  
Delta R.T.: 0.005 min  
Response: 3928420  
Conc: 3.52 ng/ml



#8 Heptachlor epoxide

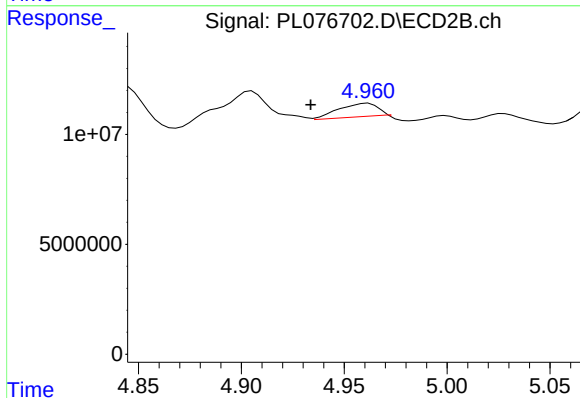
R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 26955220  
Conc: 8.50 ng/ml



#9 Endosulfan I

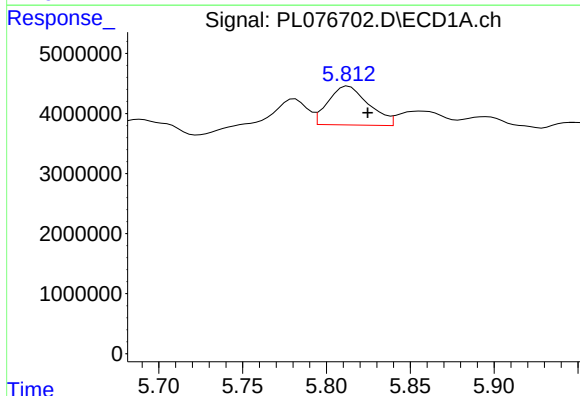
R.T.: 5.949 min  
Delta R.T.: -0.007 min  
Response: 319434  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



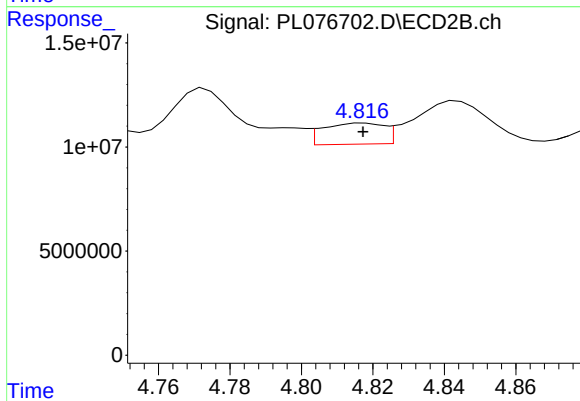
#9 Endosulfan I

R.T.: 4.961 min  
Delta R.T.: 0.028 min  
Response: 7807451  
Conc: 2.70 ng/ml



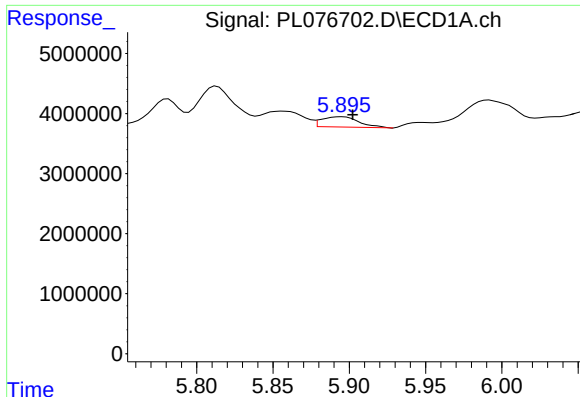
#10 gamma-Chlordane

R.T.: 5.813 min  
Delta R.T.: -0.012 min  
Response: 10887139  
Conc: 9.82 ng/ml



#10 gamma-Chlordane

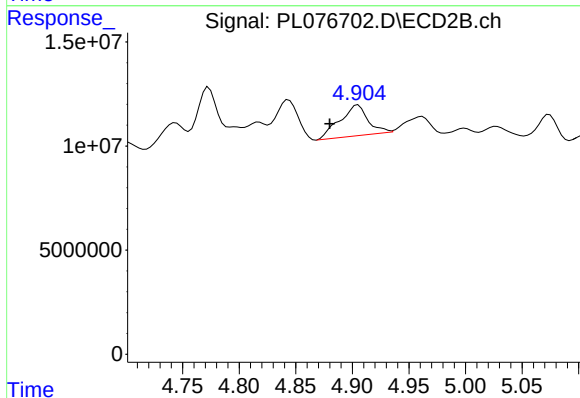
R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 12032954  
Conc: 3.76 ng/ml



#11 alpha-Chlordane

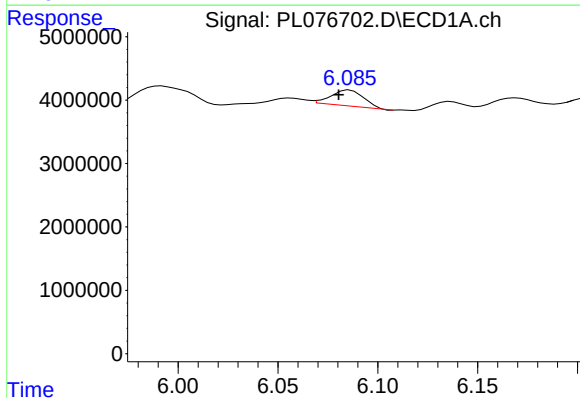
R.T.: 5.895 min  
Delta R.T.: -0.007 min  
Response: 2941978  
Conc: 2.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



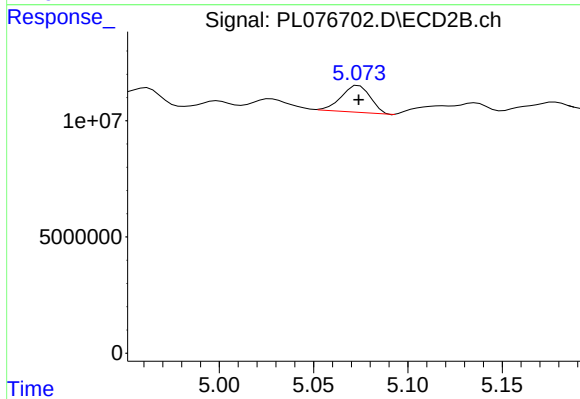
#11 alpha-Chlordane

R.T.: 4.905 min  
Delta R.T.: 0.025 min  
Response: 25470053  
Conc: 8.16 ng/ml



#12 4,4'-DDE

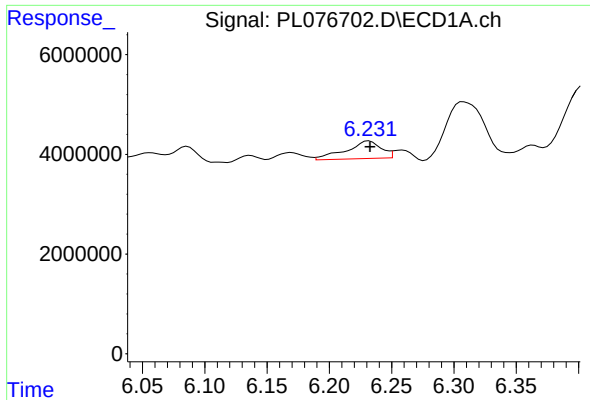
R.T.: 6.086 min  
Delta R.T.: 0.006 min  
Response: 2867136  
Conc: 2.92 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 12405249  
Conc: 4.17 ng/ml

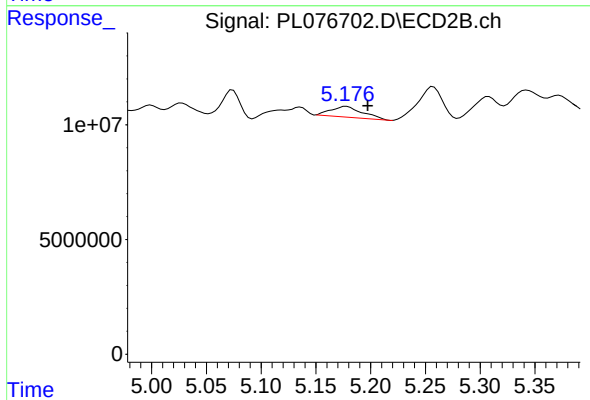




#13 Dieldrin

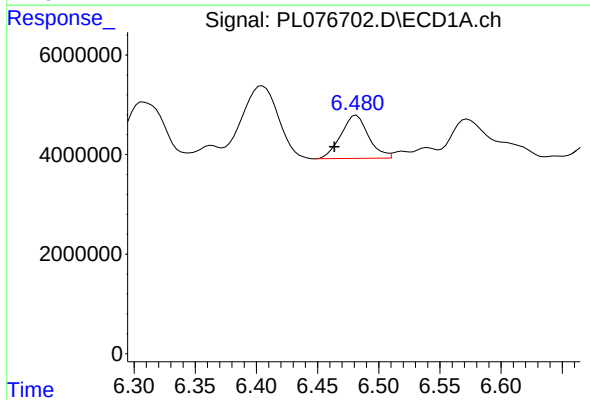
R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 6887288  
Conc: 6.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



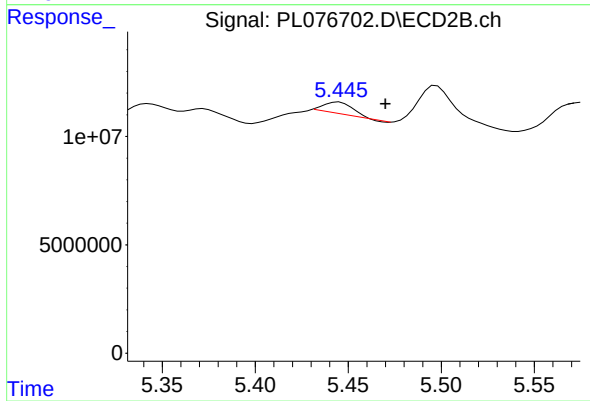
#13 Dieldrin

R.T.: 5.178 min  
Delta R.T.: -0.019 min  
Response: 9414105  
Conc: 3.03 ng/ml



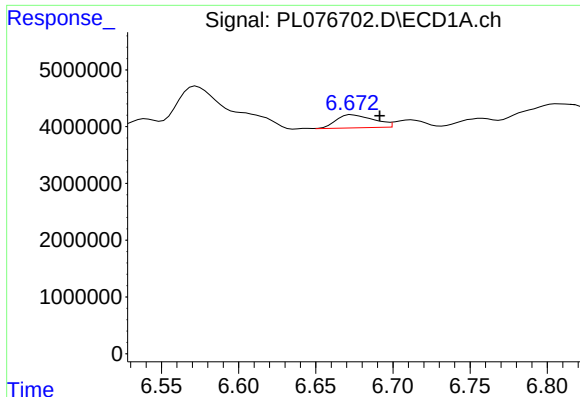
#14 Endrin

R.T.: 6.482 min  
Delta R.T.: 0.018 min  
Response: 13627951  
Conc: 14.19 ng/ml



#14 Endrin

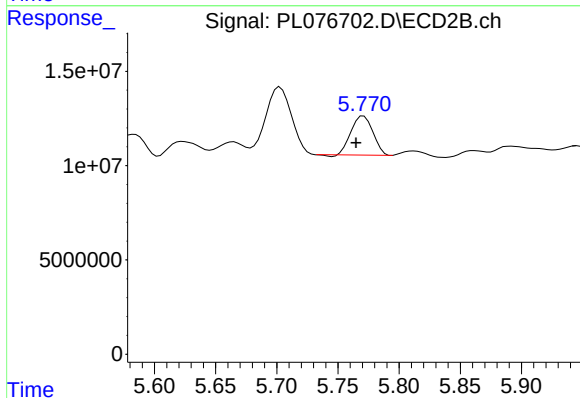
R.T.: 5.445 min  
Delta R.T.: -0.025 min  
Response: 5690337  
Conc: 2.27 ng/ml



#15 Endosulfan II

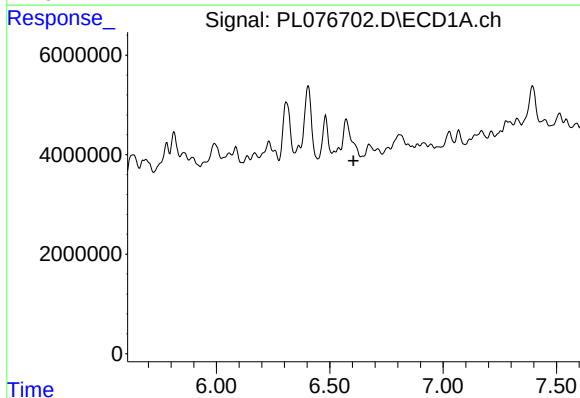
R.T.: 6.674 min  
Delta R.T.: -0.018 min  
Response: 3911473  
Conc: 4.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



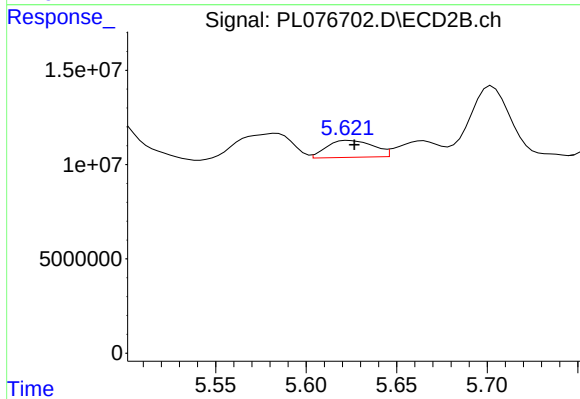
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: 0.006 min  
Response: 25498719  
Conc: 10.63 ng/ml



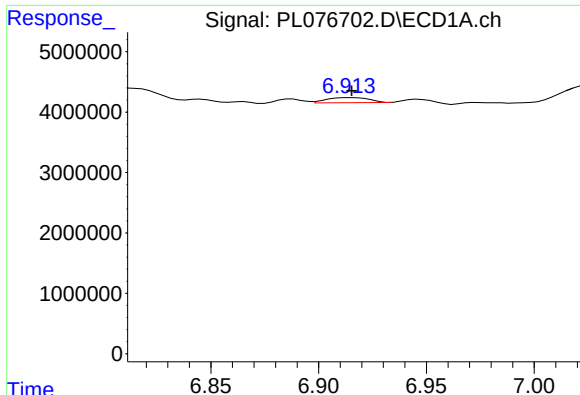
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.605 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

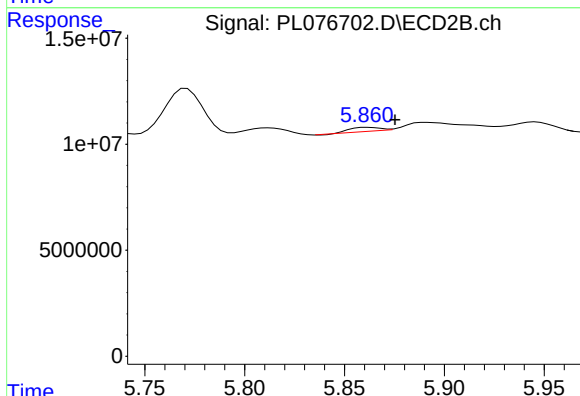
R.T.: 5.623 min  
Delta R.T.: -0.003 min  
Response: 16048104  
Conc: 6.77 ng/ml



#17 4,4'-DDT

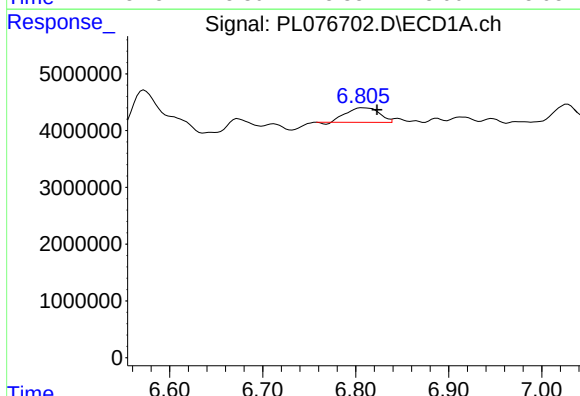
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 1159644  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



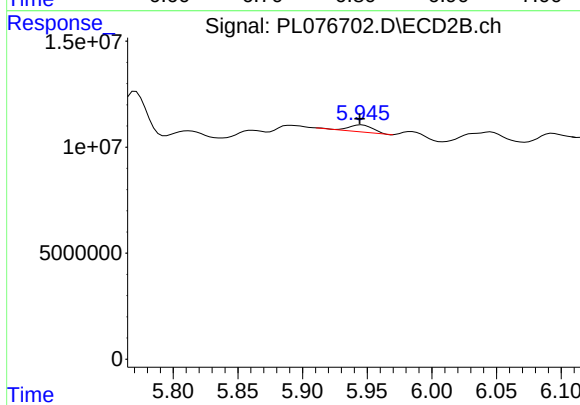
#17 4,4'-DDT

R.T.: 5.861 min  
Delta R.T.: -0.014 min  
Response: 1945471  
Conc: 0.81 ng/ml



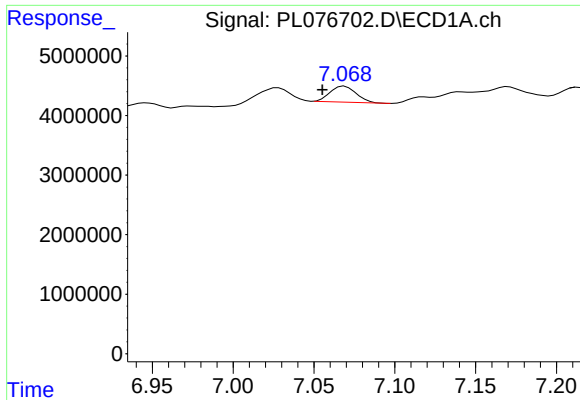
#18 Endrin aldehyde

R.T.: 6.807 min  
Delta R.T.: -0.016 min  
Response: 6215233  
Conc: 8.53 ng/ml



#18 Endrin aldehyde

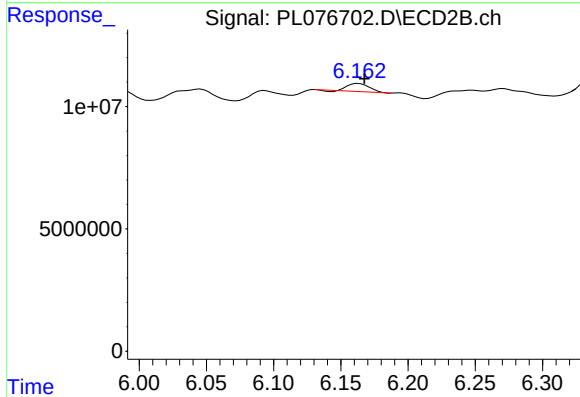
R.T.: 5.946 min  
Delta R.T.: 0.002 min  
Response: 4413625  
Conc: 2.34 ng/ml



#19 Endosulfan Sulfate

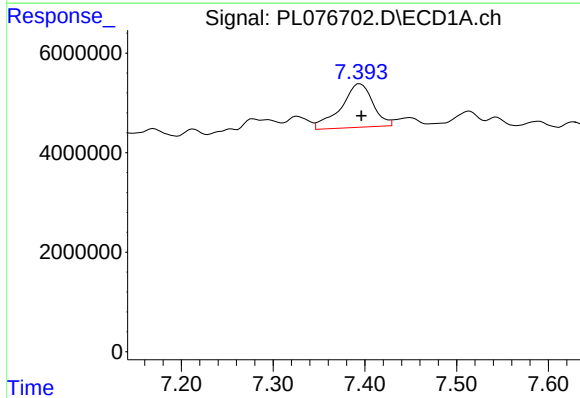
R.T.: 7.069 min  
Delta R.T.: 0.014 min  
Response: 3027105  
Conc: 3.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



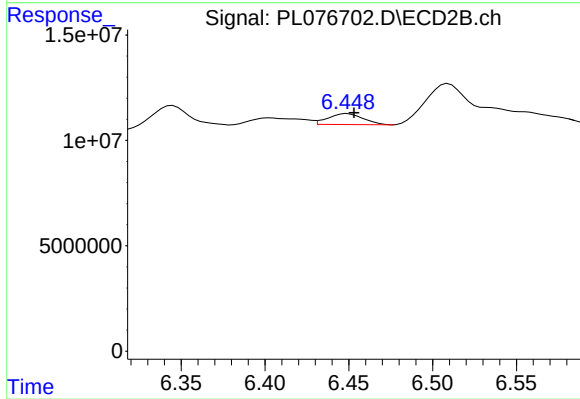
#19 Endosulfan Sulfate

R.T.: 6.163 min  
Delta R.T.: -0.004 min  
Response: 3627255  
Conc: 1.47 ng/ml



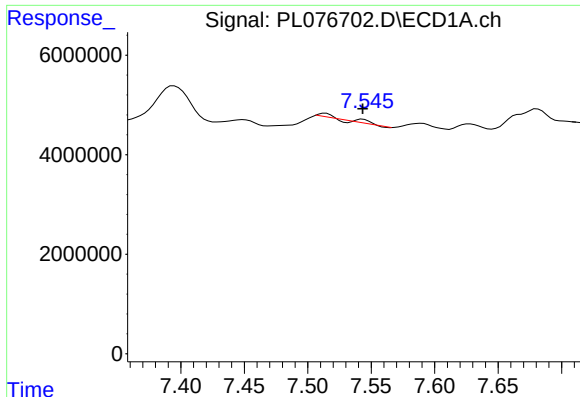
#20 Methoxychlor

R.T.: 7.395 min  
Delta R.T.: -0.002 min  
Response: 21180067  
Conc: 41.86 ng/ml



#20 Methoxychlor

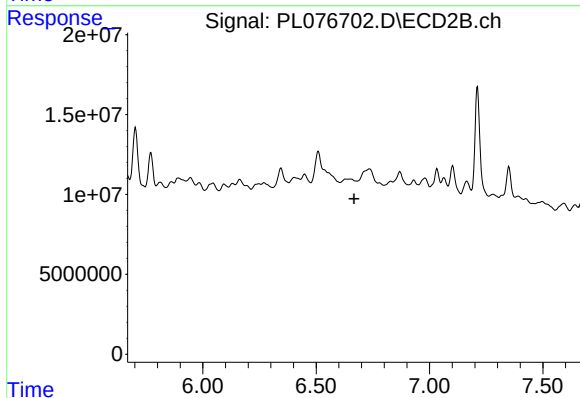
R.T.: 6.449 min  
Delta R.T.: -0.004 min  
Response: 7558618  
Conc: 5.78 ng/ml



#21 Endrin ketone

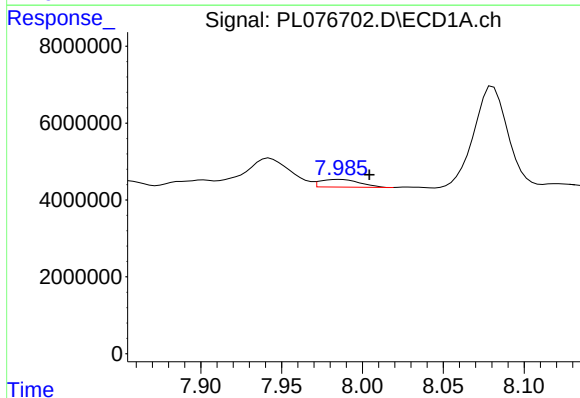
R.T.: 7.543 min  
Delta R.T.: 0.000 min  
Response: 576723  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



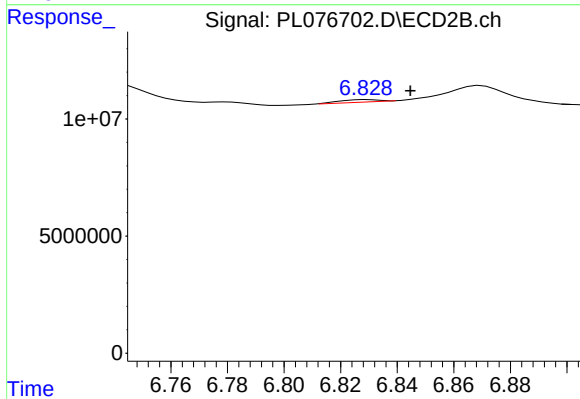
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.667 min  
Response: 0  
Conc: N.D.



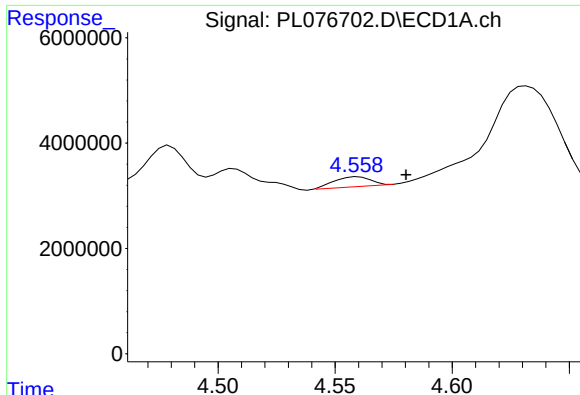
#22 Mirex

R.T.: 7.986 min  
Delta R.T.: -0.018 min  
Response: 3370985  
Conc: 4.36 ng/ml



#22 Mirex

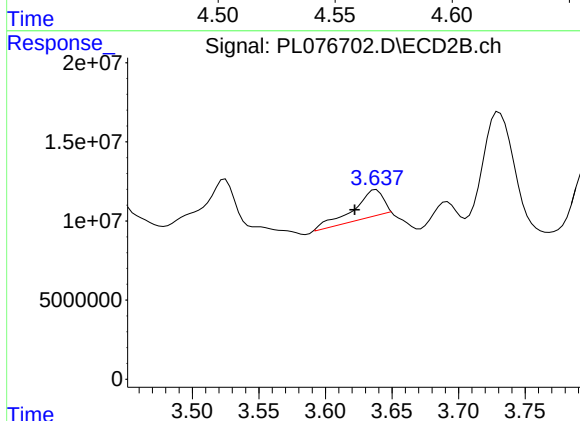
R.T.: 6.829 min  
Delta R.T.: -0.015 min  
Response: 1025089  
Conc: 0.51 ng/ml



#23 Chlordane-1

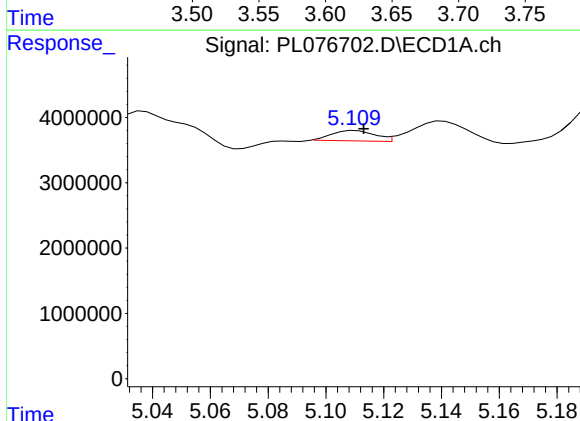
R.T.: 4.560 min  
Delta R.T.: -0.020 min  
Response: 2039785  
Conc: 60.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



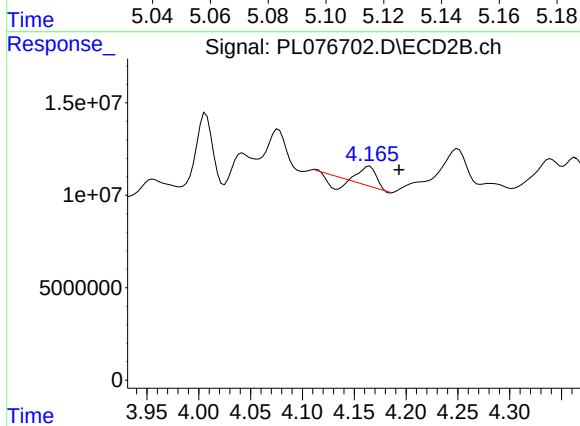
#23 Chlordane-1

R.T.: 3.638 min  
Delta R.T.: 0.016 min  
Response: 27887112  
Conc: 308.66 ng/ml



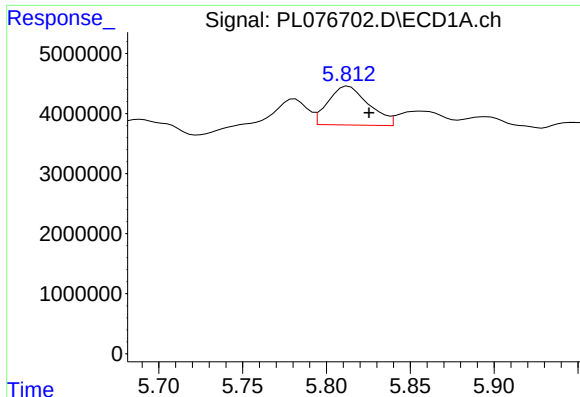
#24 Chlordane-2

R.T.: 5.110 min  
Delta R.T.: -0.003 min  
Response: 1642050  
Conc: 44.84 ng/ml



#24 Chlordane-2

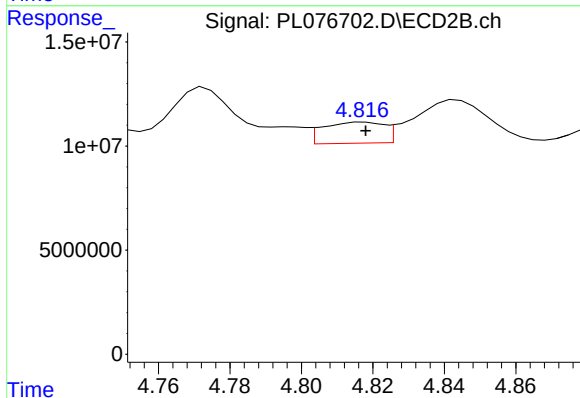
R.T.: 4.165 min  
Delta R.T.: -0.028 min  
Response: 6442916  
Conc: 61.87 ng/ml



#25 Chlordane-3

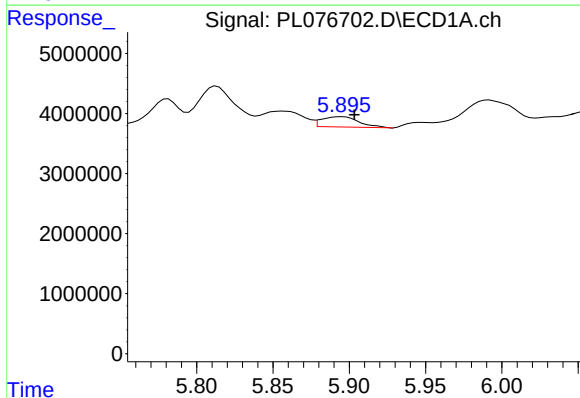
R.T.: 5.813 min  
Delta R.T.: -0.012 min  
Response: 10887139  
Conc: 78.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



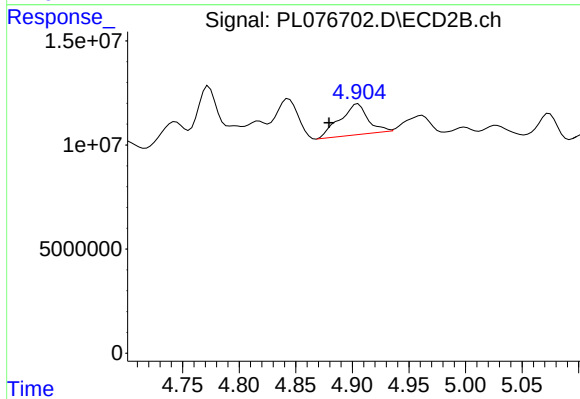
#25 Chlordane-3

R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 12032954  
Conc: 42.50 ng/ml



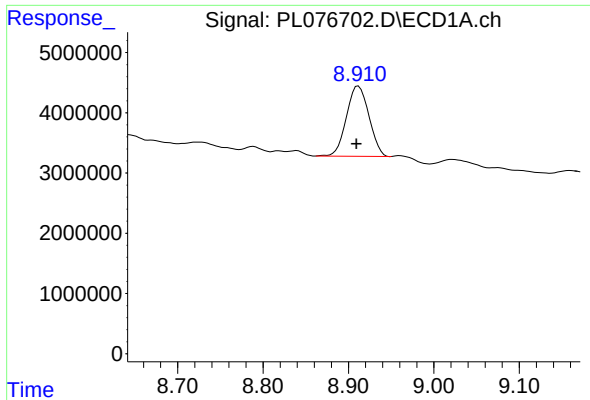
#26 Chlordane-4

R.T.: 5.895 min  
Delta R.T.: -0.008 min  
Response: 2941978  
Conc: 17.16 ng/ml



#26 Chlordane-4

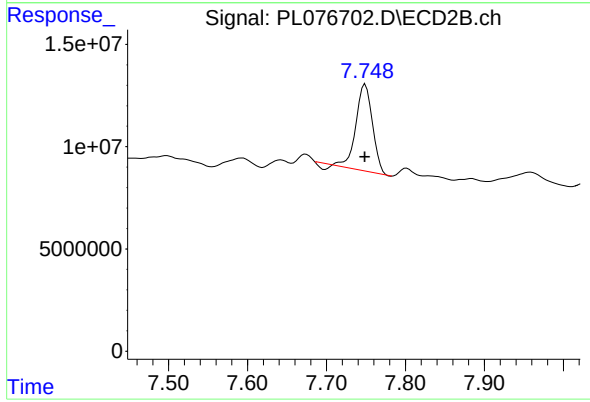
R.T.: 4.905 min  
Delta R.T.: 0.026 min  
Response: 25470053  
Conc: 85.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.912 min  
Delta R.T.: 0.002 min  
Response: 21410455  
Conc: 24.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: 0.000 min  
Response: 60135063  
Conc: 23.43 ng/ml