

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
 Data File : PL079077.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2022 06:00  
 Operator : AR\AJ  
 Sample : N5548-01  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 07:22:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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... | 3.322  | 2.569  | 15657263 | 23347438 | 8.210   | 9.144     |
| 2)                          | SA Decachlor... | 8.773  | 7.634  | 5767546  | 13649702 | 3.834   | 7.206 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.806f | 3.057  | 11045173 | 3911337  | 3.847   | 0.990 #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.708  | 0        | 8467165  | N.D.    | 2.442 #   |
| 5)                          | MB Aldrin       | 5.031  | 3.980  | 9693094  | 10358667 | 3.914   | 2.958     |
| 6)                          | B beta-BHC      | 4.325  | 3.673  | 1025696  | 7364153  | 0.890   | 5.132 #   |
| 7)                          | B delta-BHC     | 0.000  | 3.916f | 0        | 5476679  | N.D.    | 1.504 #   |
| 8)                          | B Heptachlo...  | 5.467  | 4.472  | 6785381  | 17412429 | 3.196   | 5.779 #   |
| 9)                          | A Endosulfan I  | 5.835  | 4.863f | 3828900  | 3987230  | 1.795   | 1.393     |
| 10)                         | B gamma-Chl...  | 5.712  | 4.719  | 8213534  | 5968889  | 3.639   | 1.948 #   |
| 11)                         | B alpha-Chl...  | 5.793  | 4.808f | 8125984  | 17545737 | 3.512   | 5.887 #   |
| 12)                         | B 4,4'-DDE      | 5.971  | 4.979  | 3039310  | 2987289  | 1.519   | 1.097 #   |
| 13)                         | MA Dieldrin     | 6.118  | 0.000  | 2111297  | 0        | 0.979   | N.D. #    |
| 14)                         | MA Endrin       | 6.337  | 5.351f | -1162985 | 6435762  | N.D.    | 2.470     |
| 15)                         | B Endosulfa...  | 6.565f | 5.673  | 2664981  | 3492965  | 1.420   | 1.535     |
| 17)                         | MA 4,4'-DDT     | 6.808  | 0.000  | 6070084  | 0        | 3.387   | N.D. #    |
| 18)                         | B Endrin al...  | 6.705  | 5.851  | 2446763  | 3491512  | 1.682   | 1.860     |
| 19)                         | B Endosulfa...  | 6.963f | 6.057  | 1334843  | 4070337  | 0.725   | 1.710 #   |
| 20)                         | A Methoxychlor  | 7.289  | 6.346  | 33889080 | 7030874  | 36.800  | 6.196 #   |
| 21)                         | B Endrin ke...  | 7.433  | 6.547f | 971335   | 4258065  | 0.516   | 1.647 #   |
| 22)                         | Mirex           | 7.878  | 6.717f | 2863403  | 2980183  | 1.961   | 1.514     |
| 23)                         | Chlordane-1     | 4.448f | 3.552  | 1102574  | 35034465 | 14.072  | 347.375 # |
| 24)                         | Chlordane-2     | 5.031f | 4.132f | 9693094  | 9774553  | 117.146 | 91.843    |
| 25)                         | Chlordane-3     | 5.712  | 4.719  | 8213534  | 5968889  | 24.588  | 19.584    |
| 26)                         | Chlordane-4     | 5.793  | 4.808f | 8125984  | 17545737 | 19.793  | 53.696 #  |
| -----                       |                 |        |        |          |          |         |           |

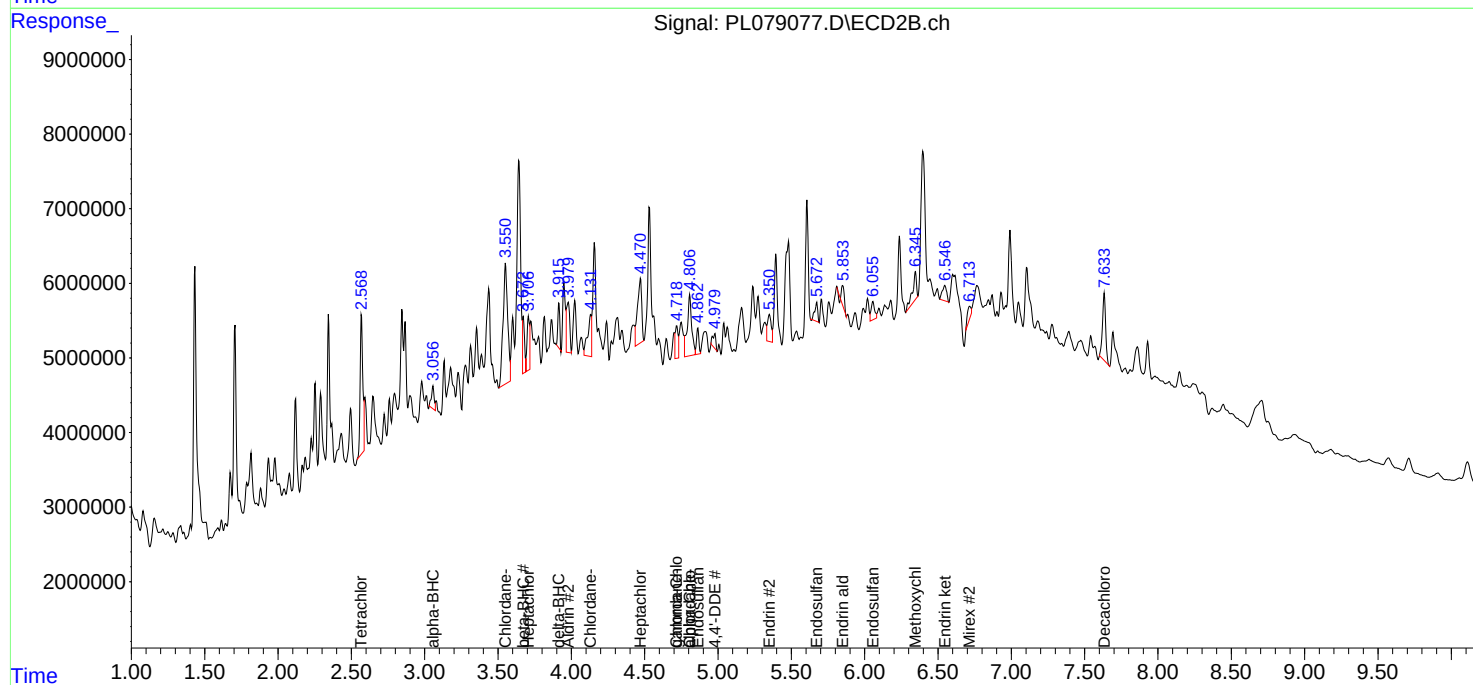
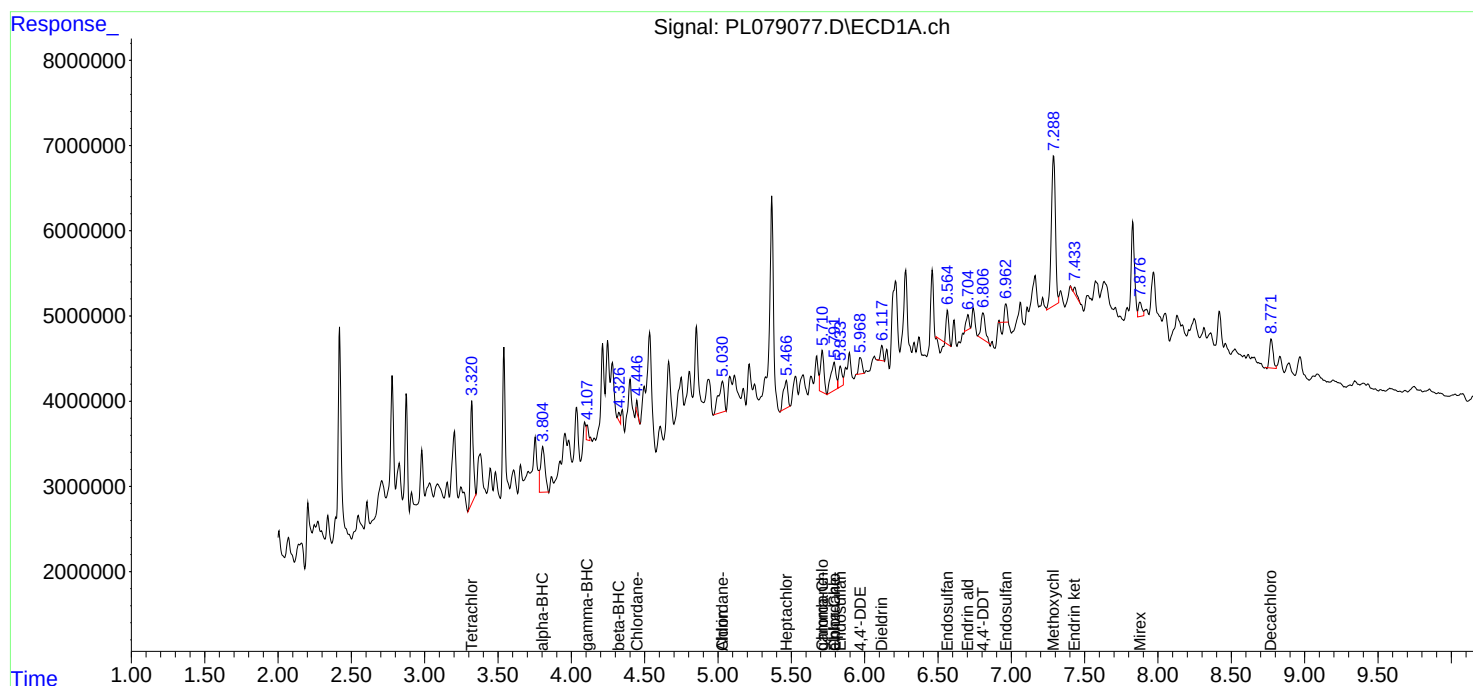
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

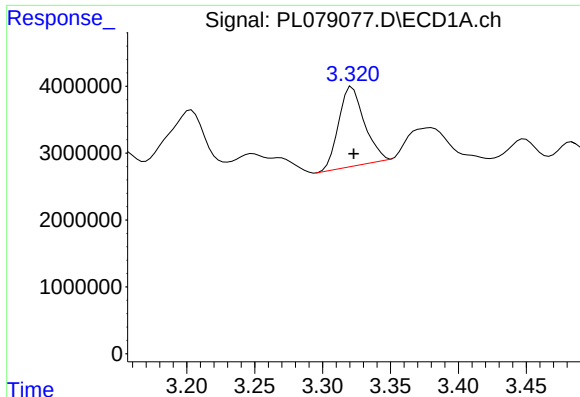
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
 Data File : PL079077.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2022 06:00  
 Operator : AR\AJ  
 Sample : N5548-01  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 07:22:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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

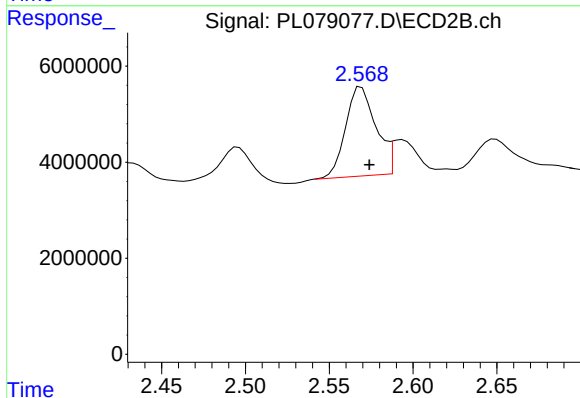




#1 Tetrachloro-m-xylene

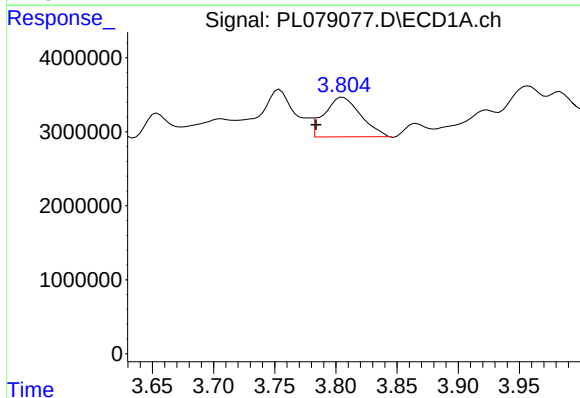
R.T.: 3.322 min  
Delta R.T.: -0.001 min  
Response: 15657263  
Conc: 8.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



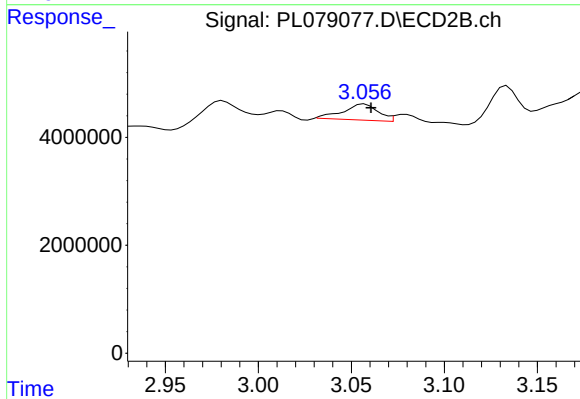
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 23347438  
Conc: 9.14 ng/ml



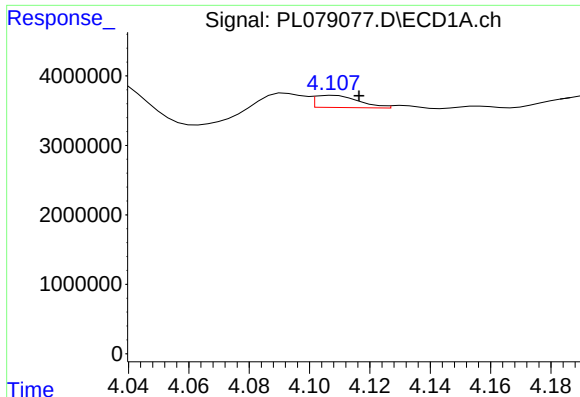
#2 alpha-BHC

R.T.: 3.806 min  
Delta R.T.: 0.022 min  
Response: 11045173  
Conc: 3.85 ng/ml



#2 alpha-BHC

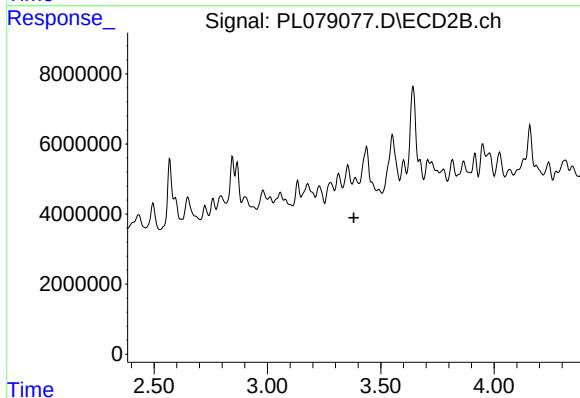
R.T.: 3.057 min  
Delta R.T.: -0.004 min  
Response: 3911337  
Conc: 0.99 ng/ml



#3 gamma-BHC (Lindane)

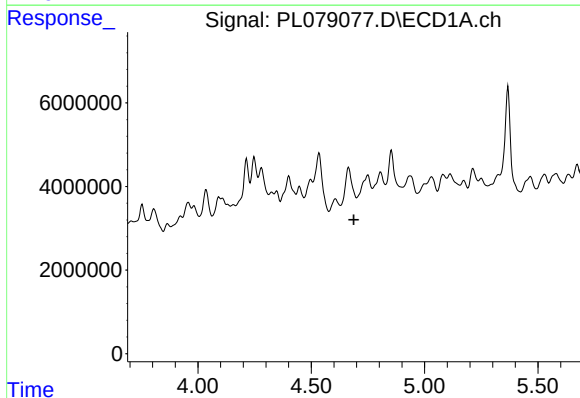
R.T.: 4.108 min  
Delta R.T.: -0.008 min  
Response: 1785372  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



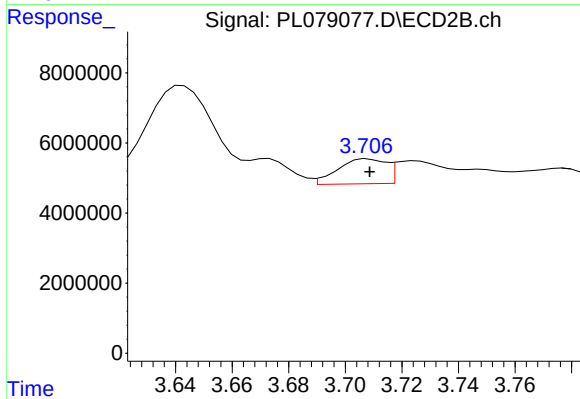
#3 gamma-BHC (Lindane)

R.T.: 3.388 min  
Delta R.T.: 0.006 min  
Response: -2535654  
Conc: N.D.



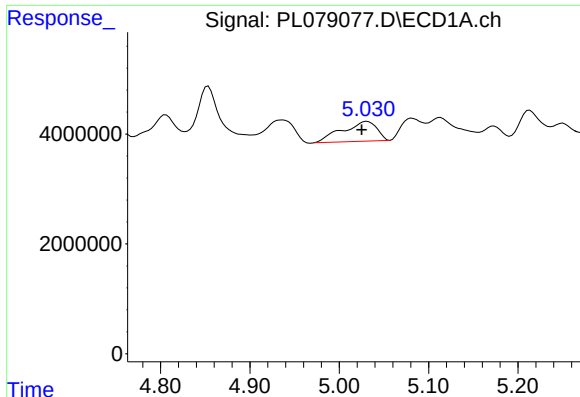
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.688 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

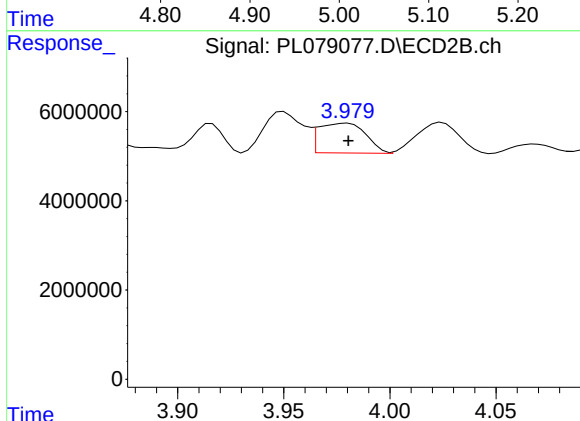
R.T.: 3.708 min  
Delta R.T.: 0.000 min  
Response: 8467165  
Conc: 2.44 ng/ml



#5 Aldrin

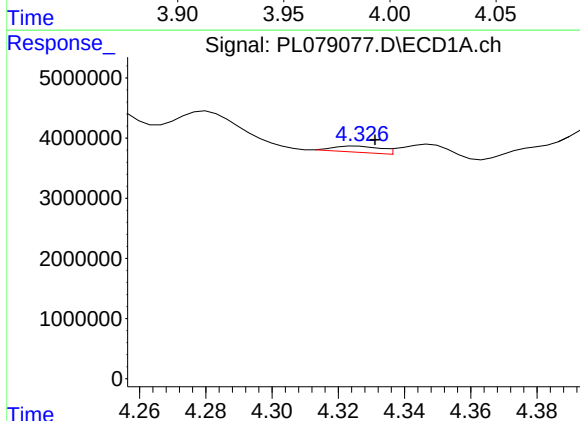
R.T.: 5.031 min  
Delta R.T.: 0.006 min  
Response: 9693094  
Conc: 3.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



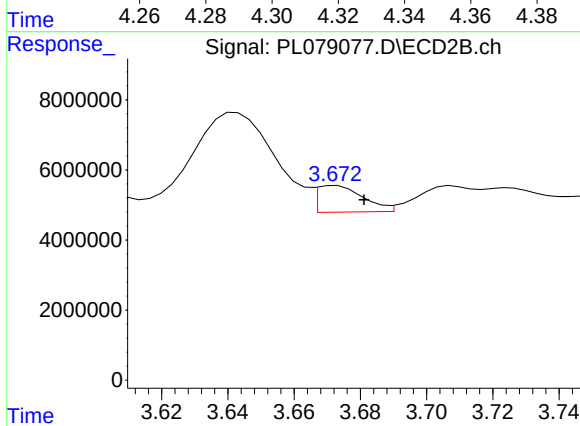
#5 Aldrin

R.T.: 3.980 min  
Delta R.T.: 0.000 min  
Response: 10358667  
Conc: 2.96 ng/ml



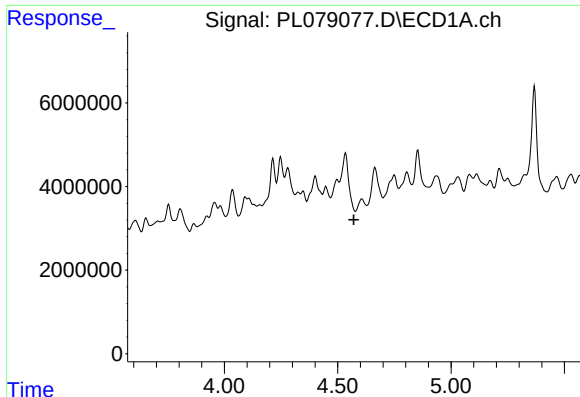
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: -0.006 min  
Response: 1025696  
Conc: 0.89 ng/ml



#6 beta-BHC

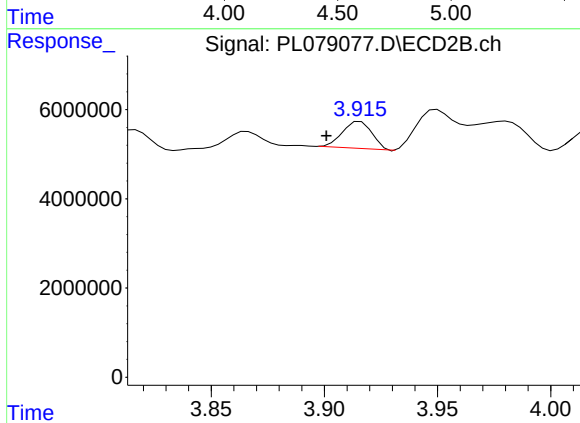
R.T.: 3.673 min  
Delta R.T.: -0.008 min  
Response: 7364153  
Conc: 5.13 ng/ml



#7 delta-BHC

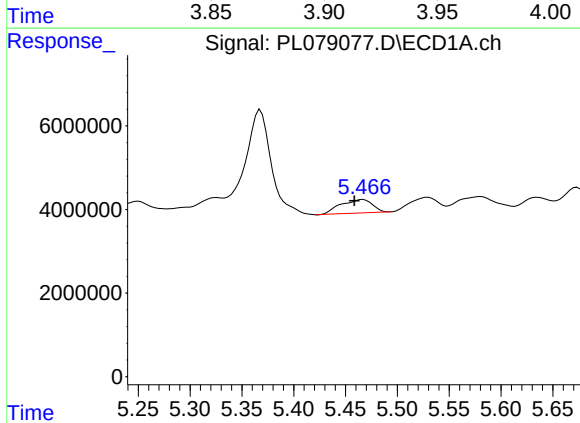
R.T.: 0.000 min  
Exp R.T.: 4.572 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



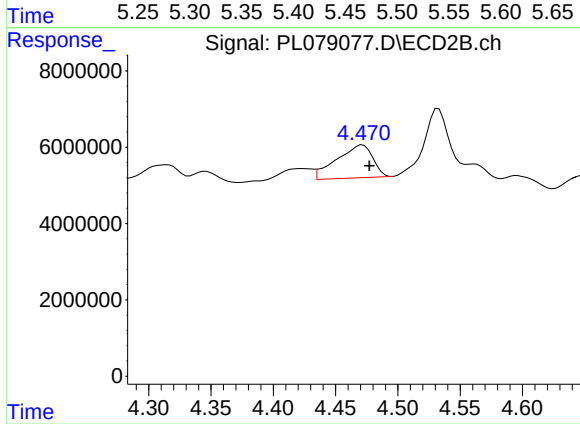
#7 delta-BHC

R.T.: 3.916 min  
Delta R.T.: 0.015 min  
Response: 5476679  
Conc: 1.50 ng/ml



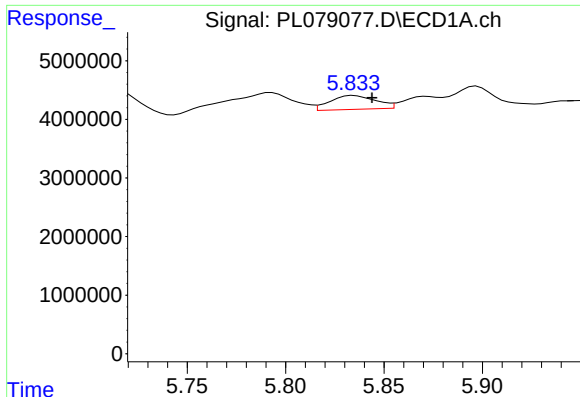
#8 Heptachlor epoxide

R.T.: 5.467 min  
Delta R.T.: 0.008 min  
Response: 6785381  
Conc: 3.20 ng/ml



#8 Heptachlor epoxide

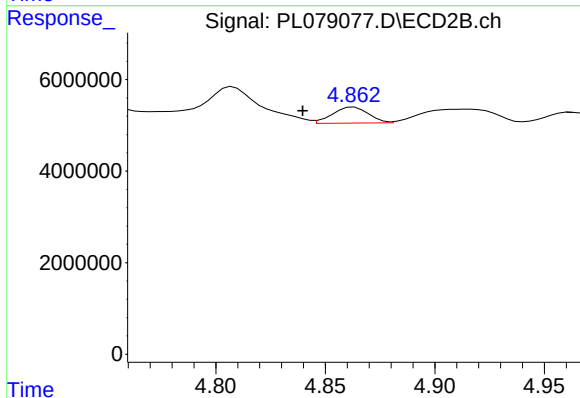
R.T.: 4.472 min  
Delta R.T.: -0.005 min  
Response: 17412429  
Conc: 5.78 ng/ml



#9 Endosulfan I

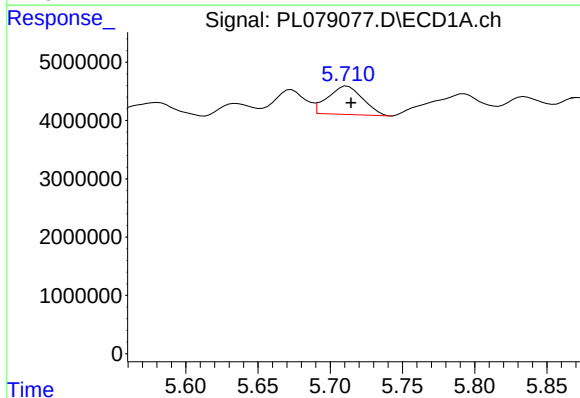
R.T.: 5.835 min  
Delta R.T.: -0.009 min  
Response: 3828900  
Conc: 1.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



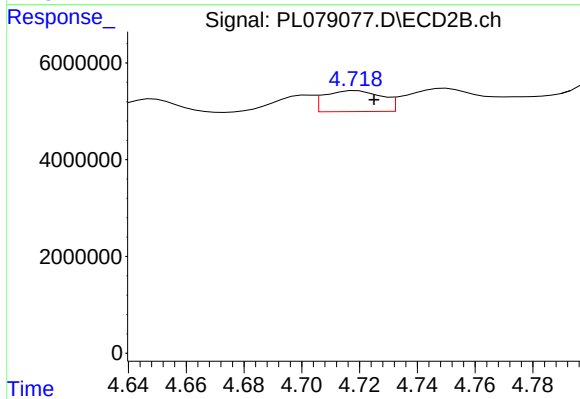
#9 Endosulfan I

R.T.: 4.863 min  
Delta R.T.: 0.023 min  
Response: 3987230  
Conc: 1.39 ng/ml



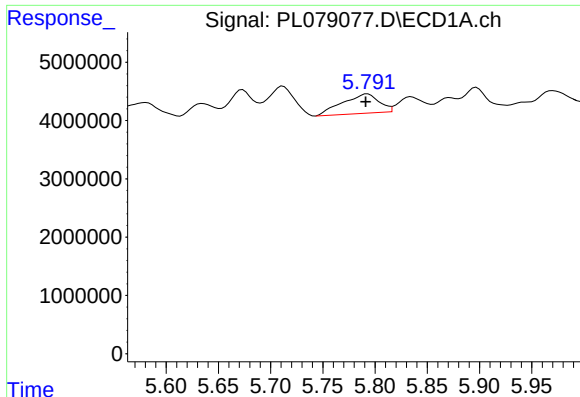
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.003 min  
Response: 8213534  
Conc: 3.64 ng/ml



#10 gamma-Chlordane

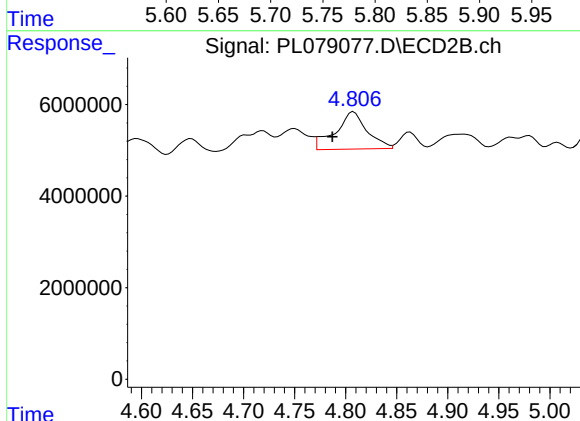
R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 5968889  
Conc: 1.95 ng/ml



#11 alpha-Chlordane

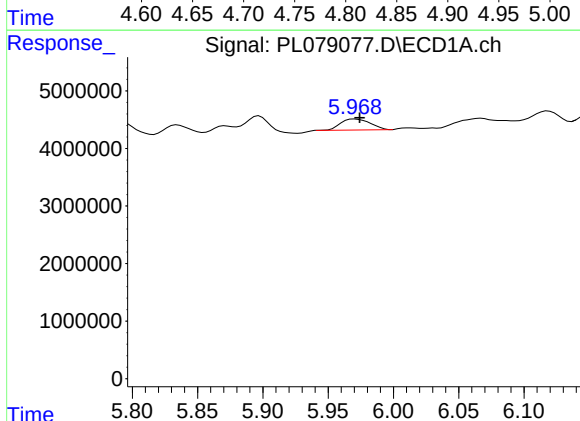
R.T.: 5.793 min  
Delta R.T.: 0.002 min  
Response: 8125984  
Conc: 3.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



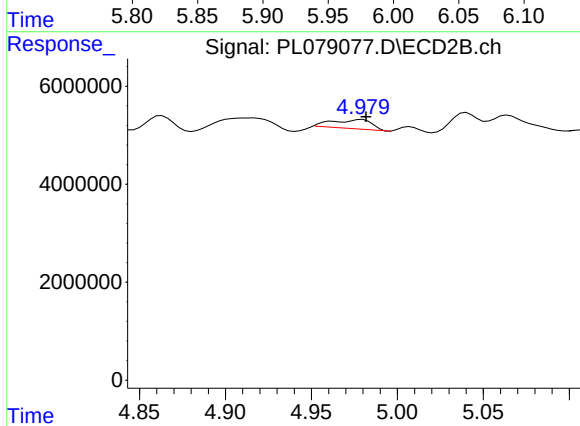
#11 alpha-Chlordane

R.T.: 4.808 min  
Delta R.T.: 0.021 min  
Response: 17545737  
Conc: 5.89 ng/ml



#12 4,4'-DDE

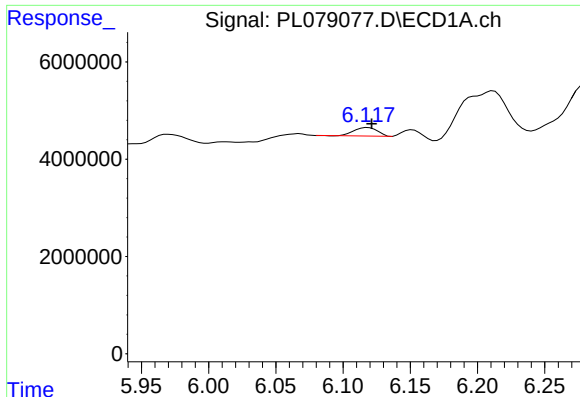
R.T.: 5.971 min  
Delta R.T.: -0.004 min  
Response: 3039310  
Conc: 1.52 ng/ml



#12 4,4'-DDE

R.T.: 4.979 min  
Delta R.T.: -0.002 min  
Response: 2987289  
Conc: 1.10 ng/ml

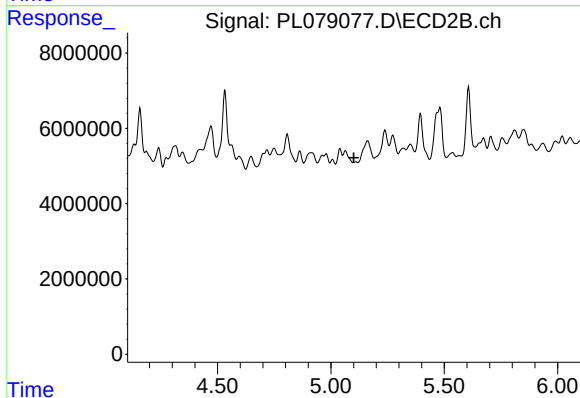




#13 Dieldrin

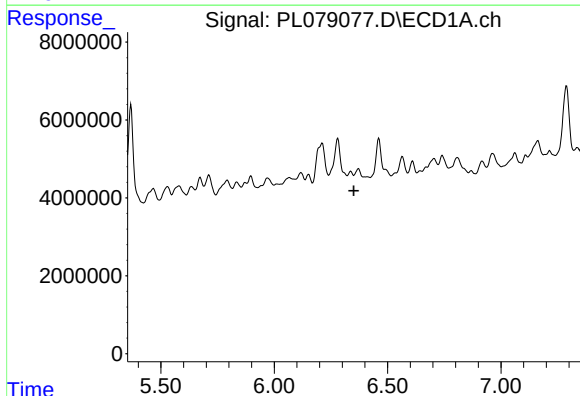
R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 2111297  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



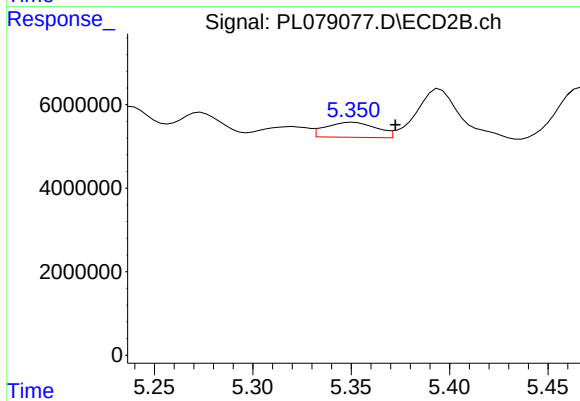
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.102 min  
Response: 0  
Conc: N.D.



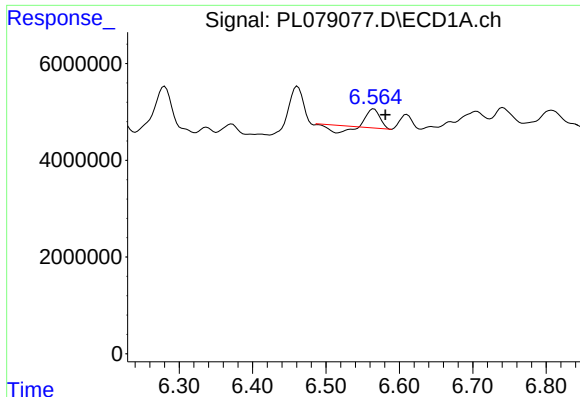
#14 Endrin

R.T.: 6.337 min  
Delta R.T.: -0.014 min  
Response: -1162985  
Conc: N.D.



#14 Endrin

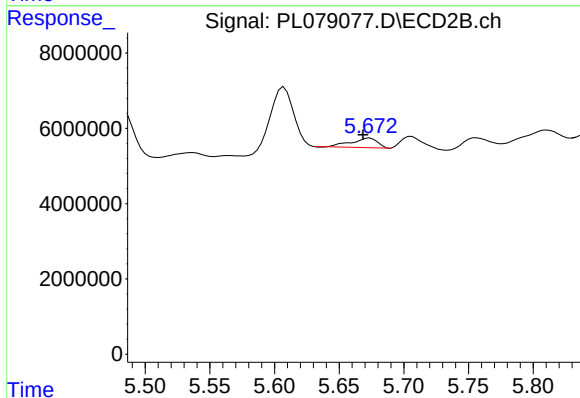
R.T.: 5.351 min  
Delta R.T.: -0.022 min  
Response: 6435762  
Conc: 2.47 ng/ml



#15 Endosulfan II

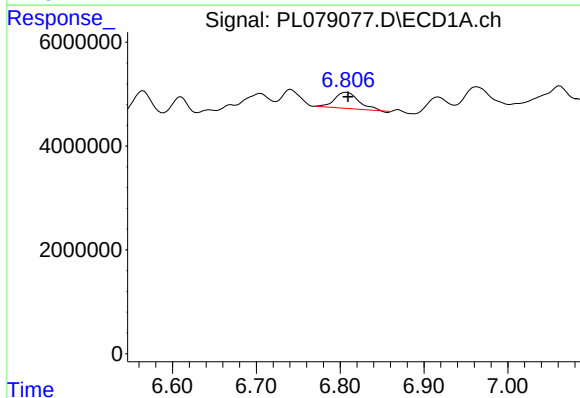
R.T.: 6.565 min  
Delta R.T.: -0.016 min  
Response: 2664981  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



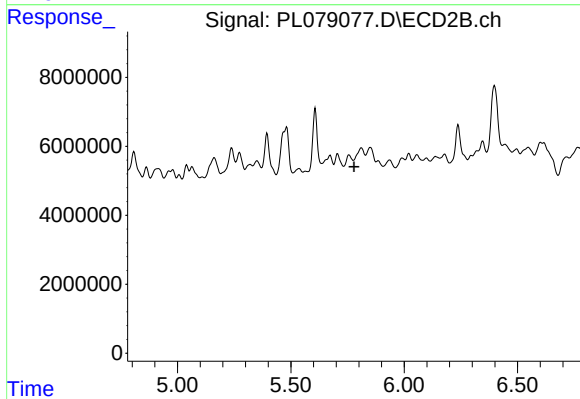
#15 Endosulfan II

R.T.: 5.673 min  
Delta R.T.: 0.005 min  
Response: 3492965  
Conc: 1.53 ng/ml



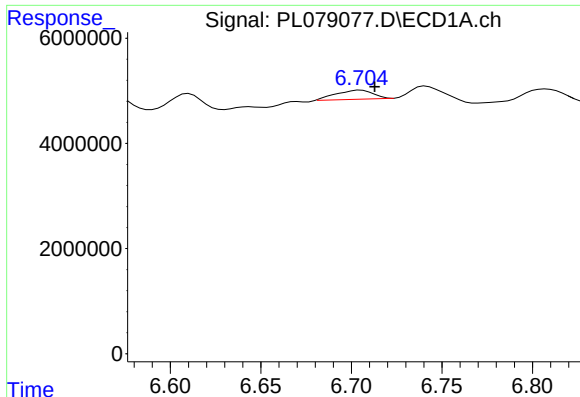
#17 4,4'-DDT

R.T.: 6.808 min  
Delta R.T.: -0.002 min  
Response: 6070084  
Conc: 3.39 ng/ml



#17 4,4'-DDT

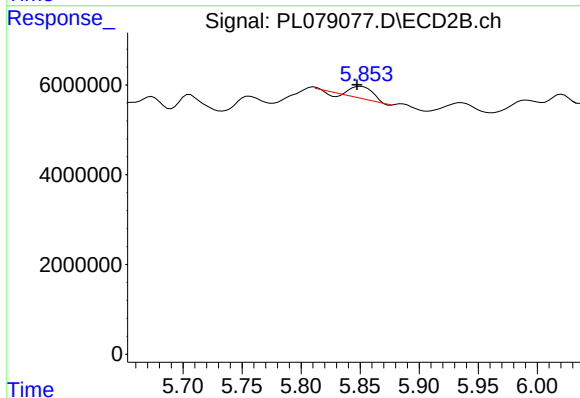
R.T.: 0.000 min  
Exp R.T. : 5.779 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

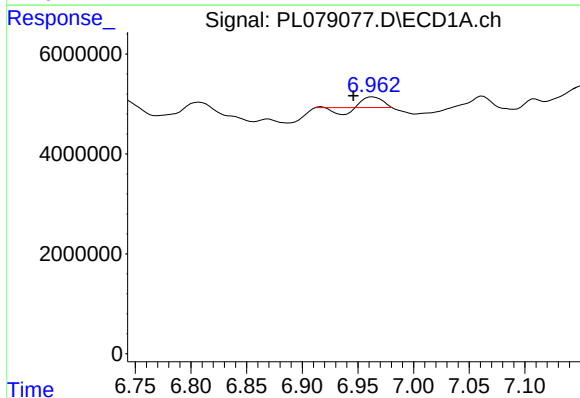
R.T.: 6.705 min  
Delta R.T.: -0.008 min  
Response: 2446763  
Conc: 1.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



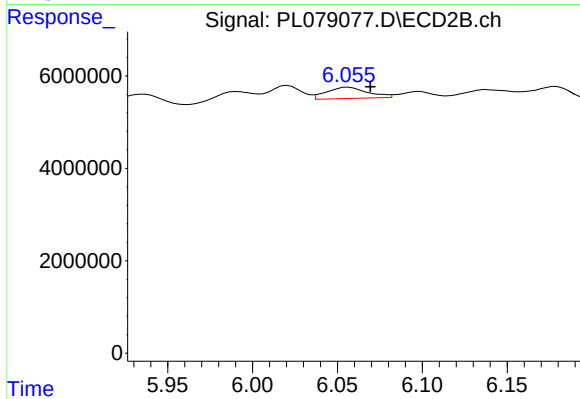
#18 Endrin aldehyde

R.T.: 5.851 min  
Delta R.T.: 0.003 min  
Response: 3491512  
Conc: 1.86 ng/ml



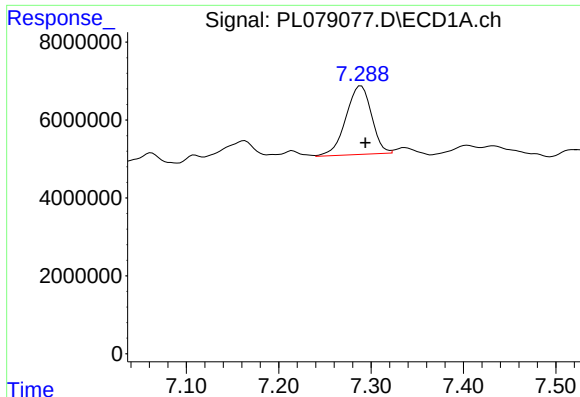
#19 Endosulfan Sulfate

R.T.: 6.963 min  
Delta R.T.: 0.018 min  
Response: 1334843  
Conc: 0.73 ng/ml



#19 Endosulfan Sulfate

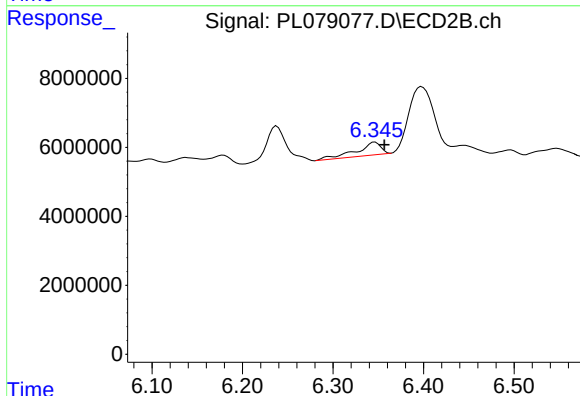
R.T.: 6.057 min  
Delta R.T.: -0.013 min  
Response: 4070337  
Conc: 1.71 ng/ml



#20 Methoxychlor

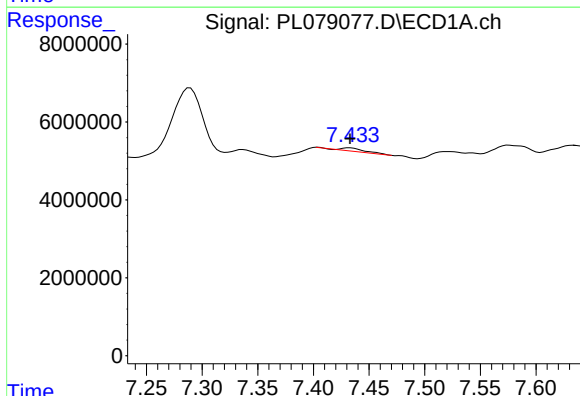
R.T.: 7.289 min  
Delta R.T.: -0.005 min  
Response: 33889080  
Conc: 36.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



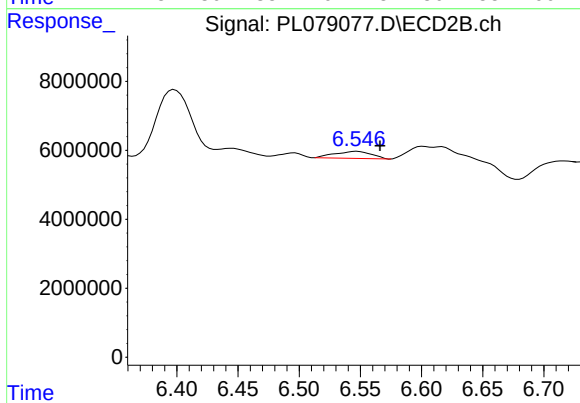
#20 Methoxychlor

R.T.: 6.346 min  
Delta R.T.: -0.010 min  
Response: 7030874  
Conc: 6.20 ng/ml



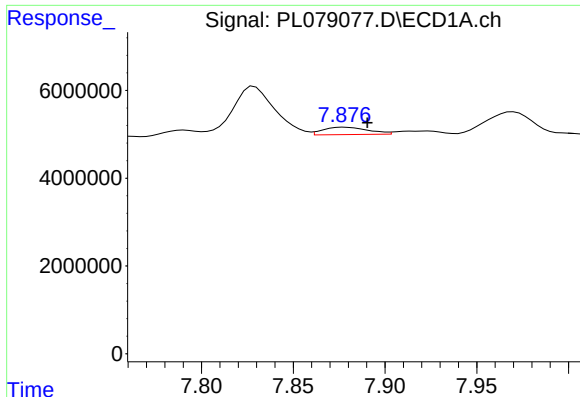
#21 Endrin ketone

R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 971335  
Conc: 0.52 ng/ml



#21 Endrin ketone

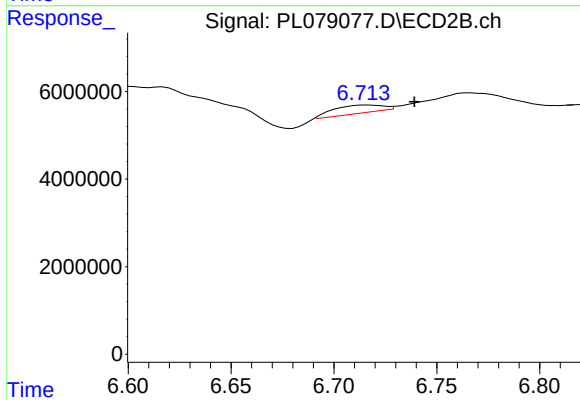
R.T.: 6.547 min  
Delta R.T.: -0.019 min  
Response: 4258065  
Conc: 1.65 ng/ml



#22 Mirex

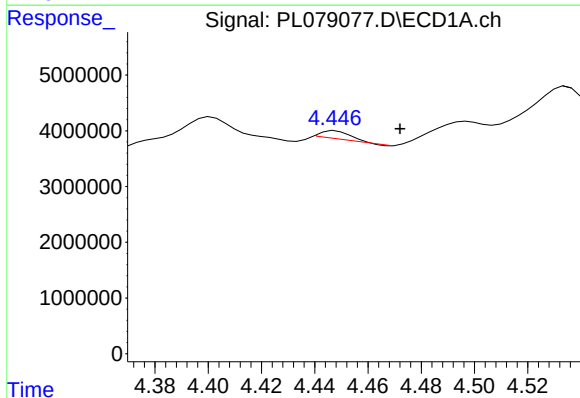
R.T.: 7.878 min  
Delta R.T.: -0.012 min  
Response: 2863403  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



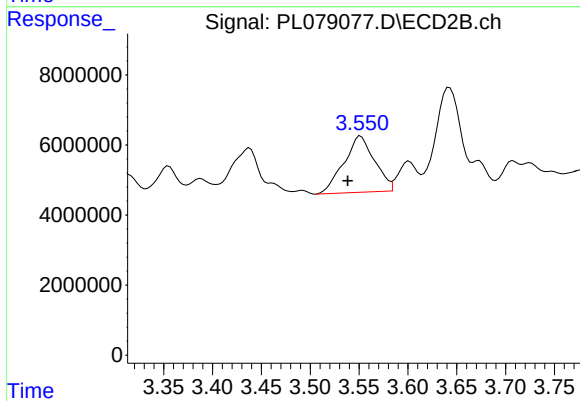
#22 Mirex

R.T.: 6.717 min  
Delta R.T.: -0.023 min  
Response: 2980183  
Conc: 1.51 ng/ml



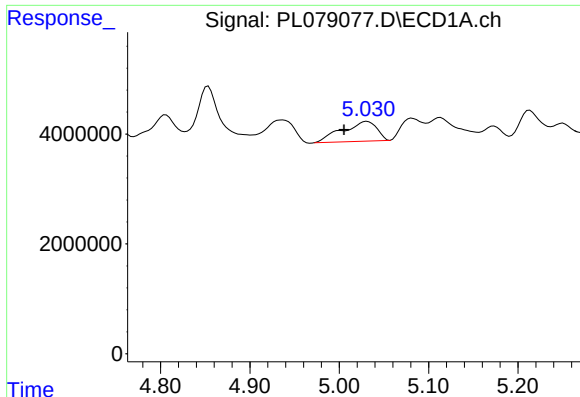
#23 Chlordane-1

R.T.: 4.448 min  
Delta R.T.: -0.024 min  
Response: 1102574  
Conc: 14.07 ng/ml



#23 Chlordane-1

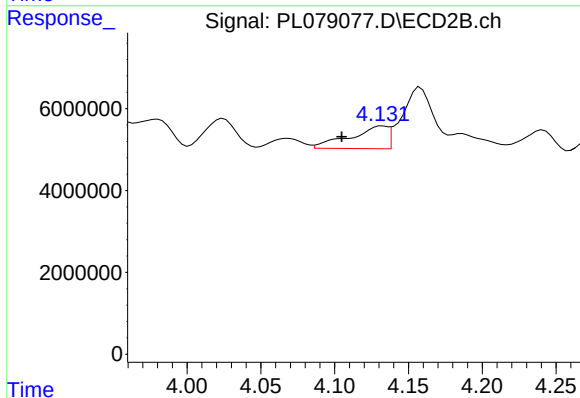
R.T.: 3.552 min  
Delta R.T.: 0.014 min  
Response: 35034465  
Conc: 347.38 ng/ml



#24 Chlordane-2

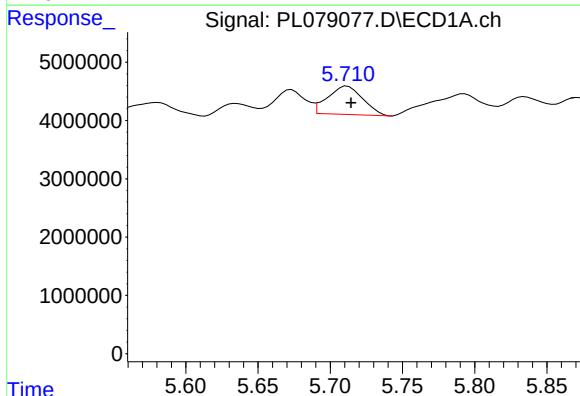
R.T.: 5.031 min  
Delta R.T.: 0.026 min  
Response: 9693094  
Conc: 117.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



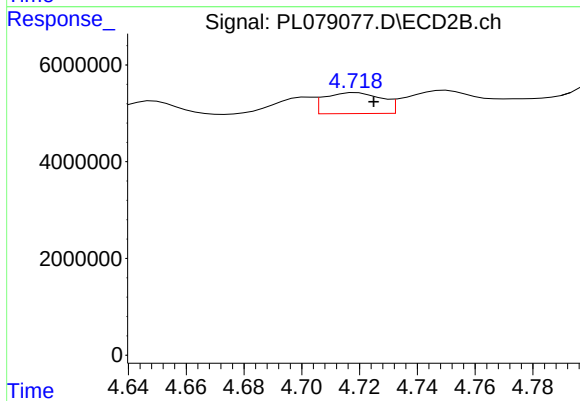
#24 Chlordane-2

R.T.: 4.132 min  
Delta R.T.: 0.028 min  
Response: 9774553  
Conc: 91.84 ng/ml



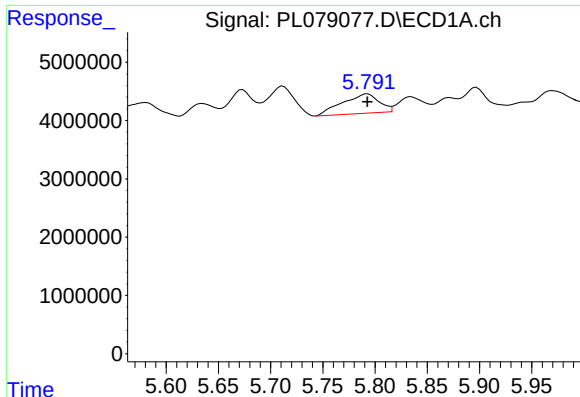
#25 Chlordane-3

R.T.: 5.712 min  
Delta R.T.: -0.003 min  
Response: 8213534  
Conc: 24.59 ng/ml



#25 Chlordane-3

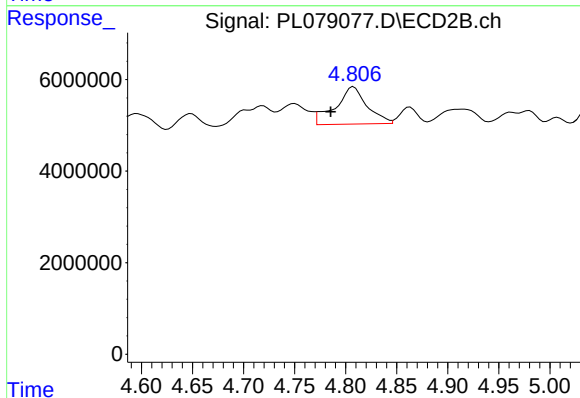
R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 5968889  
Conc: 19.58 ng/ml



#26 Chlordane-4

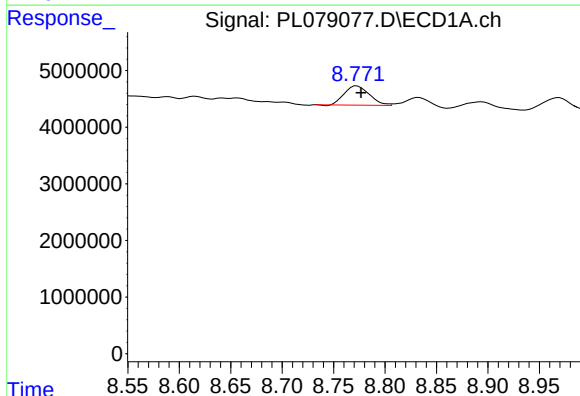
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 8125984  
Conc: 19.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



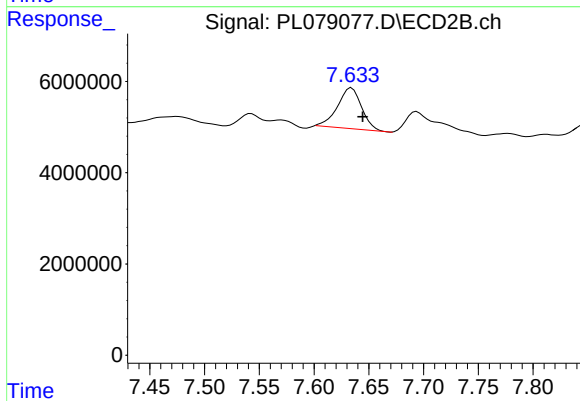
#26 Chlordane-4

R.T.: 4.808 min  
Delta R.T.: 0.022 min  
Response: 17545737  
Conc: 53.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.773 min  
Delta R.T.: -0.004 min  
Response: 5767546  
Conc: 3.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.634 min  
Delta R.T.: -0.010 min  
Response: 13649702  
Conc: 7.21 ng/ml