

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010923\  
 Data File : PL080177.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2023 16:56  
 Operator : AR\AJ  
 Sample : 01064-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 20:37:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 05:11:24 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... | 3.371  | 2.693  | 29092221 | 39305479 | 14.625 | 17.286   |
| 2)                          | SA Decachlor... | 8.886  | 7.845  | 26453183 | 32611471 | 15.418 | 14.434   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.791f | 3.215f | 572137   | 131611   | 0.200  | 0.039 #  |
| 3)                          | MA gamma-BHC... | 4.126f | 3.536  | 375068   | 1940136  | 0.191  | 0.633 #  |
| 4)                          | MA Heptachlor   | 4.744  | 3.864  | 142318   | 289101   | 0.064  | 0.093 #  |
| 5)                          | MB Aldrin       | 5.080  | 4.143  | 1669033  | 1065885  | 0.841  | 0.361 #  |
| 6)                          | B beta-BHC      | 4.375f | 3.831  | 441613   | -439337  | 0.482  | N.D. #   |
| 7)                          | B delta-BHC     | 4.606  | 4.052  | 1771822  | 415649   | 0.882  | 0.141 #  |
| 8)                          | B Heptachlo...  | 5.500  | 4.646  | 819104   | 51613    | 0.450  | 0.019 #  |
| 9)                          | A Endosulfan I  | 5.887  | 5.040f | 6005720  | 1453703  | 3.500  | 0.561 #  |
| 10)                         | B gamma-Chl...  | 5.771  | 4.898  | 3125887  | 3474464  | 1.733  | 1.245 #  |
| 11)                         | B alpha-Chl...  | 5.853  | 4.961  | 4042050  | 4656628  | 2.248  | 1.667 #  |
| 12)                         | B 4,4'-DDE      | 6.034  | 5.154  | 1239232  | 1291887  | 0.787  | 0.557 #  |
| 13)                         | MA Dieldrin     | 6.175  | 5.282  | 2160326  | 3235820  | 1.262  | 1.237    |
| 14)                         | MA Endrin       | 0.000  | 5.567  | 0        | 2124189  | N.D.   | 0.944 #  |
| 15)                         | B Endosulfa...  | 6.610  | 5.857  | 681440   | 670221   | 0.443  | 0.309 #  |
| 16)                         | A 4,4'-DDD      | 6.556  | 0.000  | 1083918  | 0        | 0.824  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.873  | 5.956  | 549627   | 393108   | 0.368  | 0.193 #  |
| 18)                         | B Endrin al...  | 6.769  | 6.044  | 166193   | 70936    | 0.137  | 0.040 #  |
| 20)                         | A Methoxychlor  | 7.389f | 6.560f | 351110   | 145573   | 0.395  | 0.127 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.740f | 0        | 135477   | N.D.   | 0.056 #  |
| 22)                         | Mirex           | 7.967  | 6.938  | 96305    | -61362   | 0.062  | N.D. #   |
| 23)                         | Chlordane-1     | 4.525  | 3.697  | 305728   | 163037   | 5.125  | 2.094 #  |
| 24)                         | Chlordane-2     | 5.080f | 4.270  | 1669033  | 516840   | 23.102 | 5.940 #  |
| 25)                         | Chlordane-3     | 5.771  | 4.898  | 3125887  | 3474464  | 12.496 | 13.282   |
| 26)                         | Chlordane-4     | 5.853  | 4.961  | 4042050  | 4656628  | 13.085 | 17.694 # |
| 27)                         | Chlordane-5     | 6.698  | 5.653f | 2229616  | 1630680  | 34.858 | 22.165 # |
| -----                       |                 |        |        |          |          |        |          |

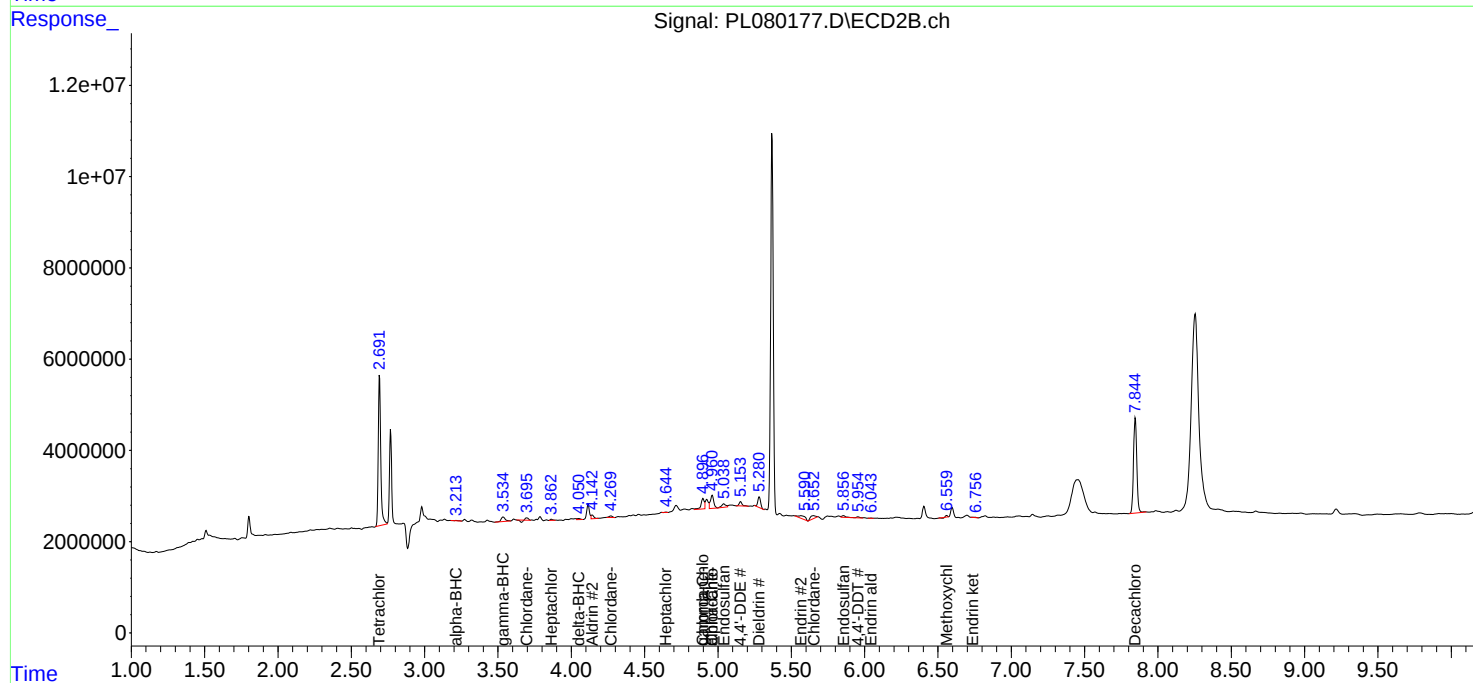
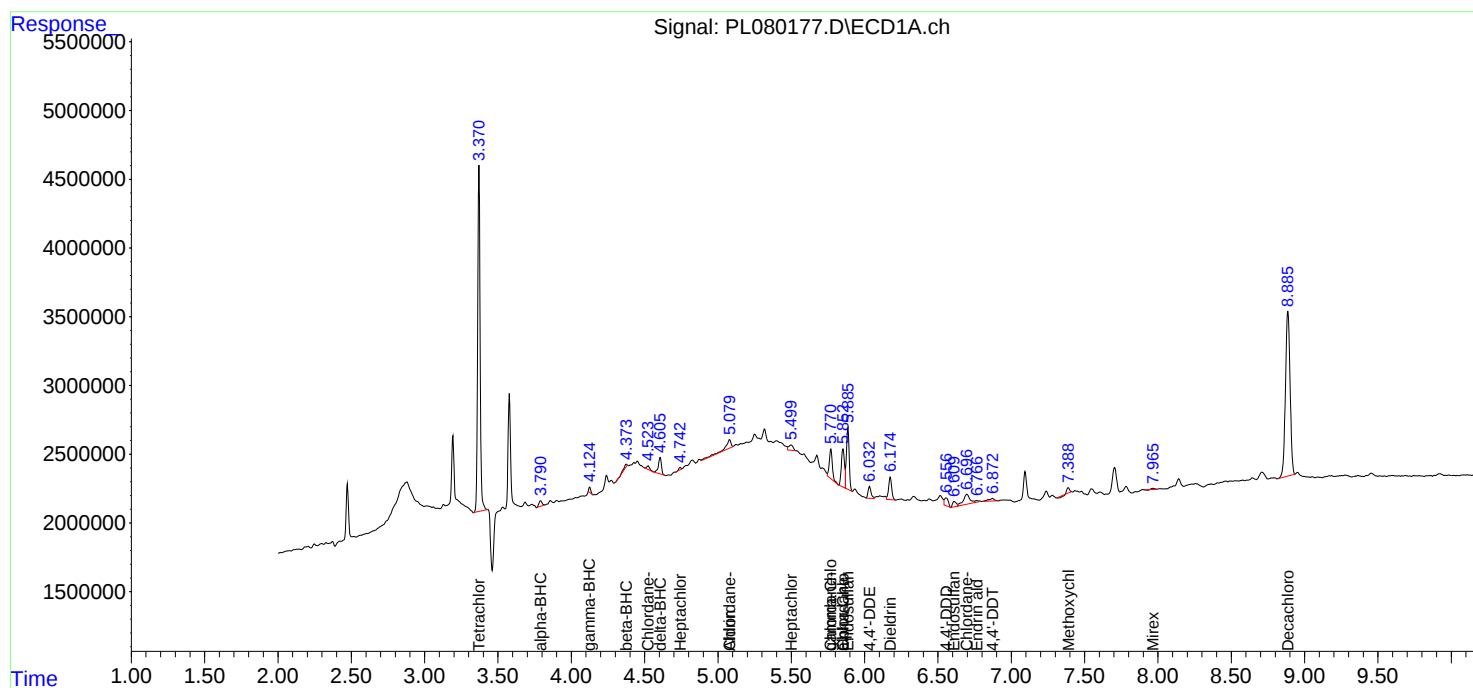
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

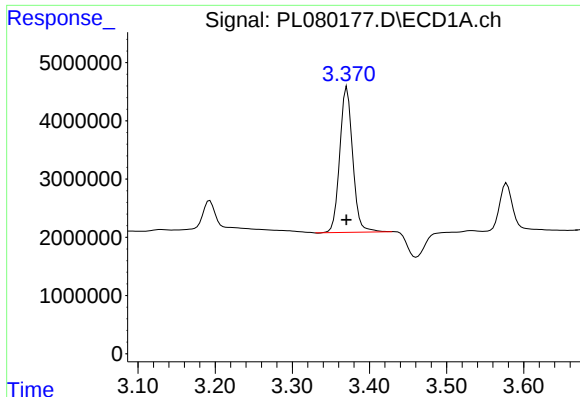
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010923\  
Data File : PL080177.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2023 16:56  
Operator : AR\AJ  
Sample : 01064-05  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 20:37:18 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 05 05:11:24 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

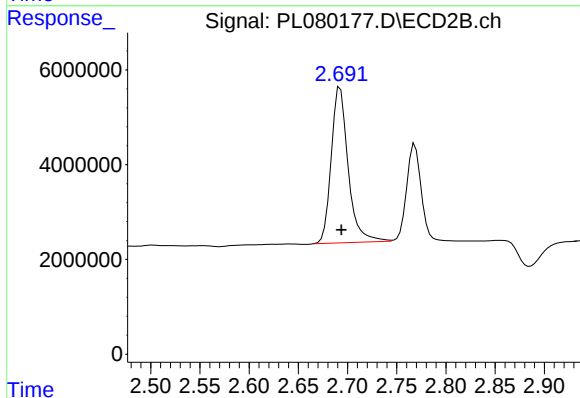




#1 Tetrachloro-m-xylene

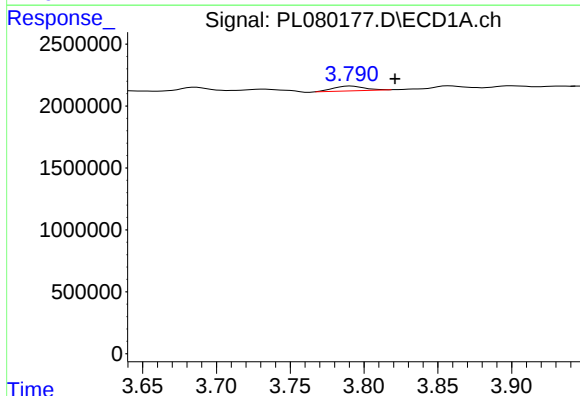
R.T.: 3.371 min  
Delta R.T.: 0.001 min  
Response: 29092221  
Conc: 14.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



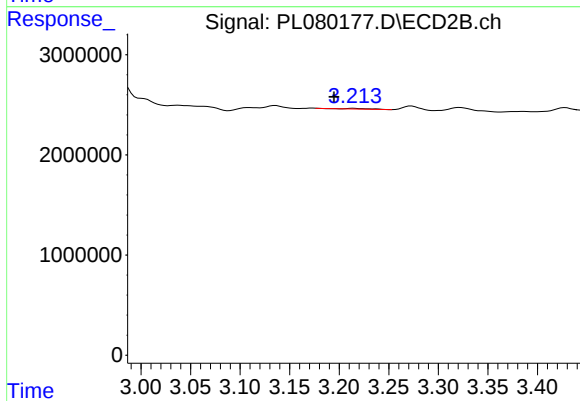
#1 Tetrachloro-m-xylene

R.T.: 2.693 min  
Delta R.T.: -0.001 min  
Response: 39305479  
Conc: 17.29 ng/ml



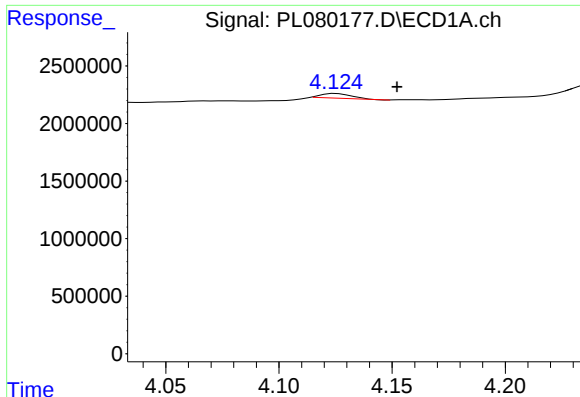
#2 alpha-BHC

R.T.: 3.791 min  
Delta R.T.: -0.030 min  
Response: 572137  
Conc: 0.20 ng/ml



#2 alpha-BHC

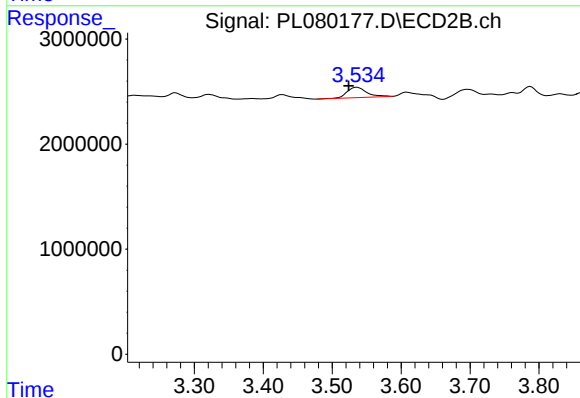
R.T.: 3.215 min  
Delta R.T.: 0.020 min  
Response: 131611  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

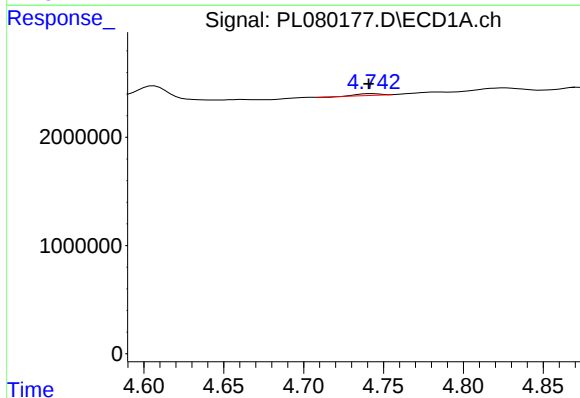
R.T.: 4.126 min  
Delta R.T.: -0.027 min  
Response: 375068  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



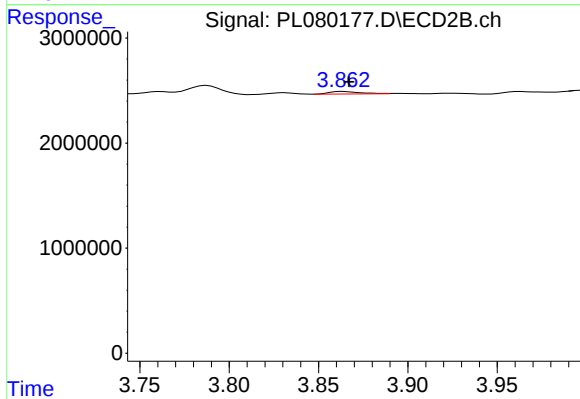
#3 gamma-BHC (Lindane)

R.T.: 3.536 min  
Delta R.T.: 0.012 min  
Response: 1940136  
Conc: 0.63 ng/ml



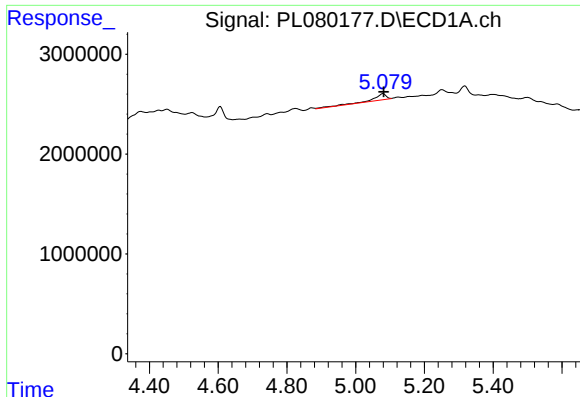
#4 Heptachlor

R.T.: 4.744 min  
Delta R.T.: 0.003 min  
Response: 142318  
Conc: 0.06 ng/ml



#4 Heptachlor

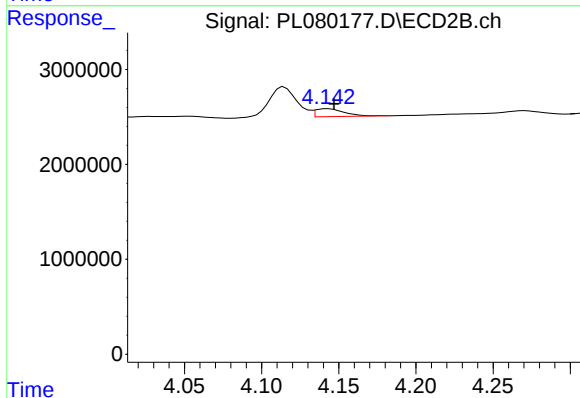
R.T.: 3.864 min  
Delta R.T.: -0.003 min  
Response: 289101  
Conc: 0.09 ng/ml



#5 Aldrin

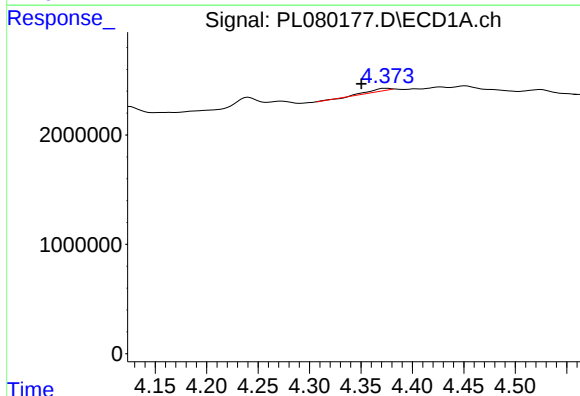
R.T.: 5.080 min  
Delta R.T.: -0.002 min  
Response: 1669033  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



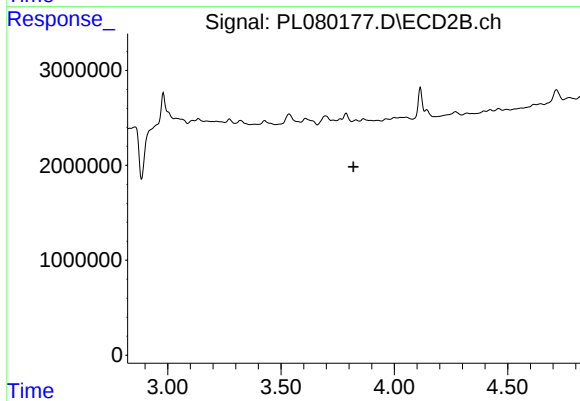
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: -0.004 min  
Response: 1065885  
Conc: 0.36 ng/ml



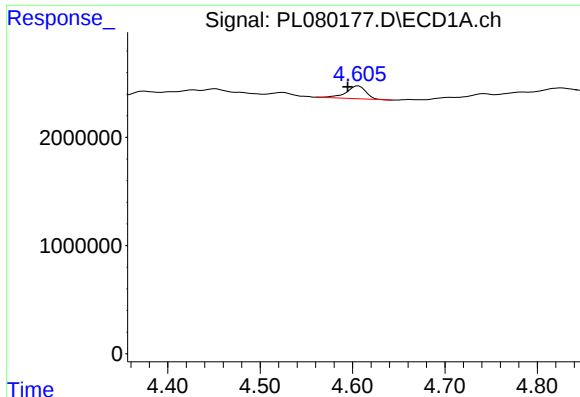
#6 beta-BHC

R.T.: 4.375 min  
Delta R.T.: 0.024 min  
Response: 441613  
Conc: 0.48 ng/ml



#6 beta-BHC

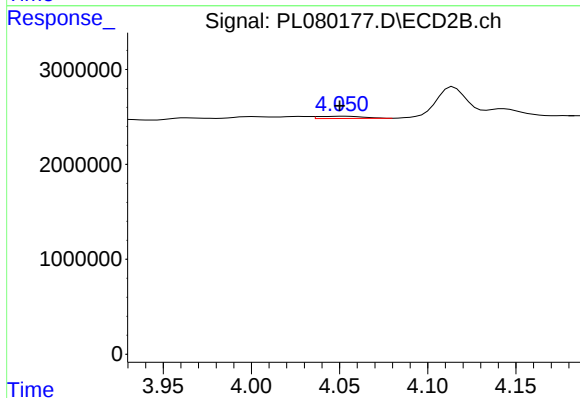
R.T.: 3.831 min  
Delta R.T.: 0.011 min  
Response: -439337  
Conc: N.D.



#7 delta-BHC

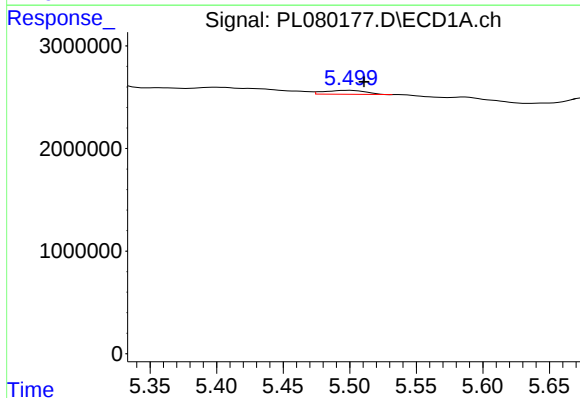
R.T.: 4.606 min  
Delta R.T.: 0.012 min  
Response: 1771822  
Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



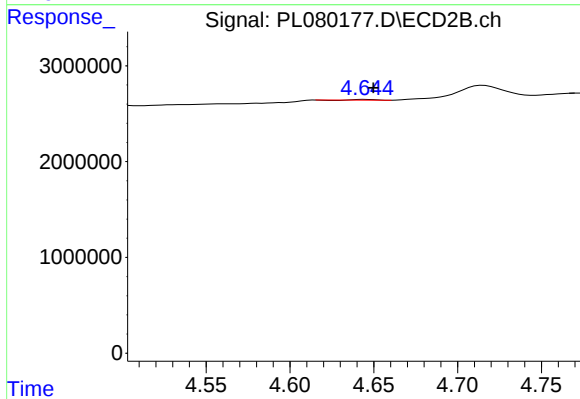
#7 delta-BHC

R.T.: 4.052 min  
Delta R.T.: 0.002 min  
Response: 415649  
Conc: 0.14 ng/ml



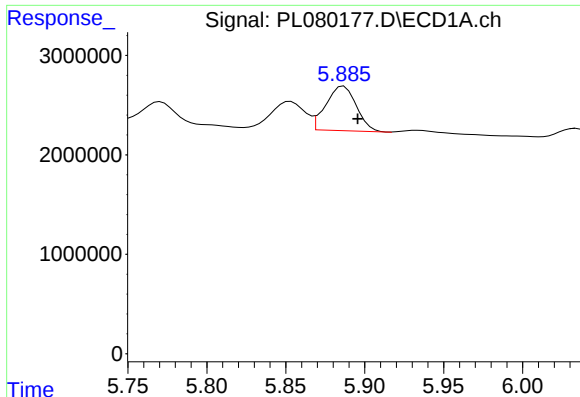
#8 Heptachlor epoxide

R.T.: 5.500 min  
Delta R.T.: -0.011 min  
Response: 819104  
Conc: 0.45 ng/ml



#8 Heptachlor epoxide

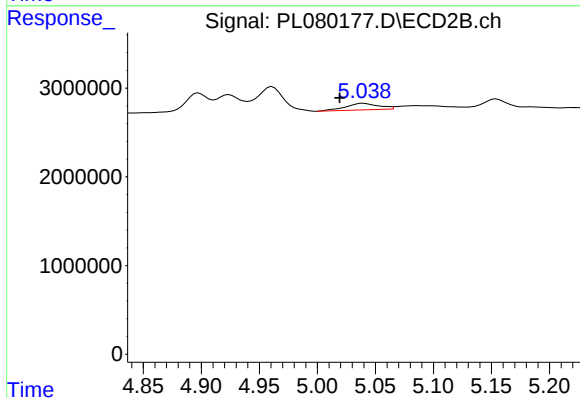
R.T.: 4.646 min  
Delta R.T.: -0.004 min  
Response: 51613  
Conc: 0.02 ng/ml



#9 Endosulfan I

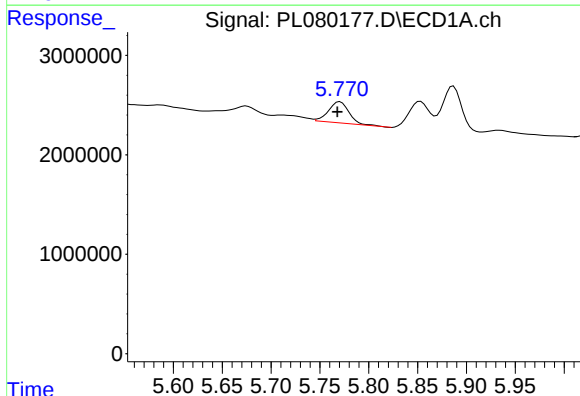
R.T.: 5.887 min  
Delta R.T.: -0.009 min  
Response: 6005720  
Conc: 3.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



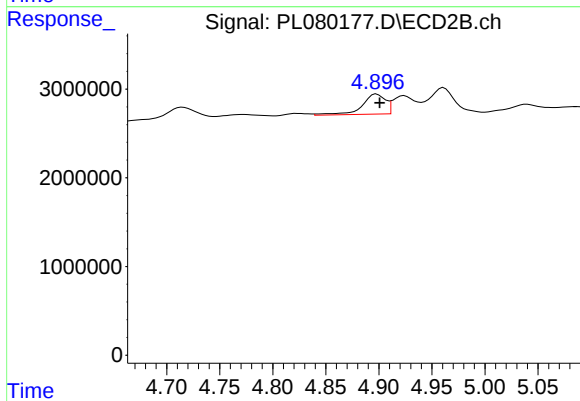
#9 Endosulfan I

R.T.: 5.040 min  
Delta R.T.: 0.021 min  
Response: 1453703  
Conc: 0.56 ng/ml



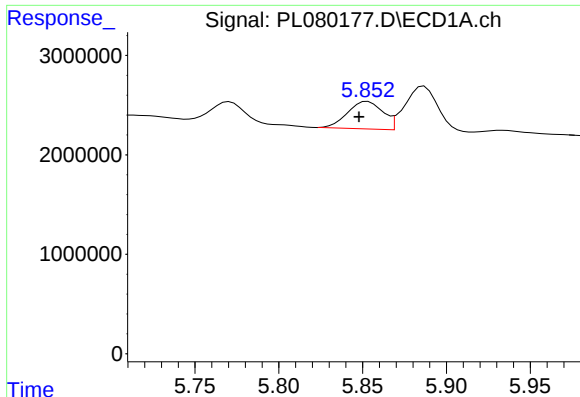
#10 gamma-Chlordane

R.T.: 5.771 min  
Delta R.T.: 0.003 min  
Response: 3125887  
Conc: 1.73 ng/ml



#10 gamma-Chlordane

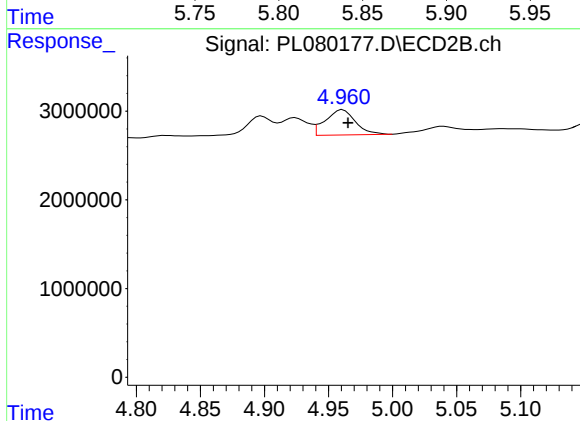
R.T.: 4.898 min  
Delta R.T.: -0.003 min  
Response: 3474464  
Conc: 1.24 ng/ml



#11 alpha-Chlordane

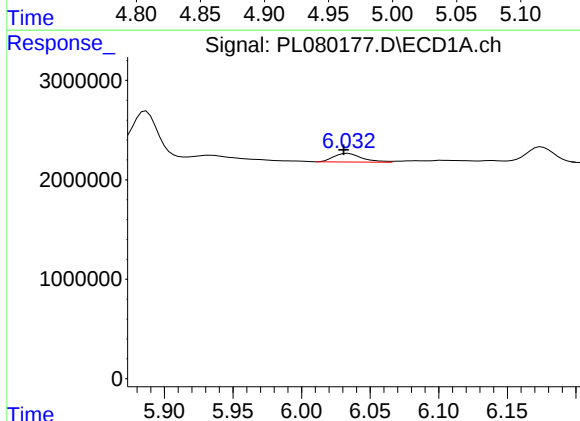
R.T.: 5.853 min  
Delta R.T.: 0.005 min  
Response: 4042050  
Conc: 2.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



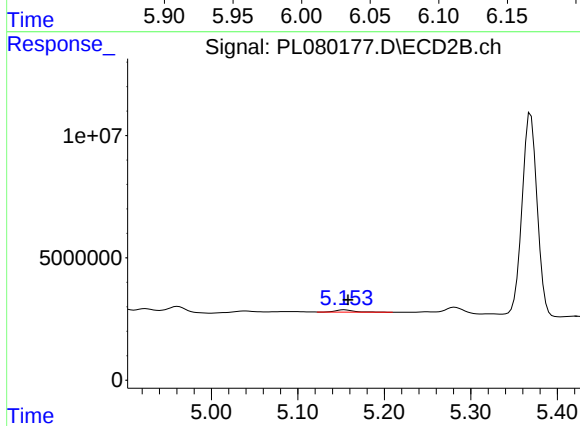
#11 alpha-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.004 min  
Response: 4656628  
Conc: 1.67 ng/ml



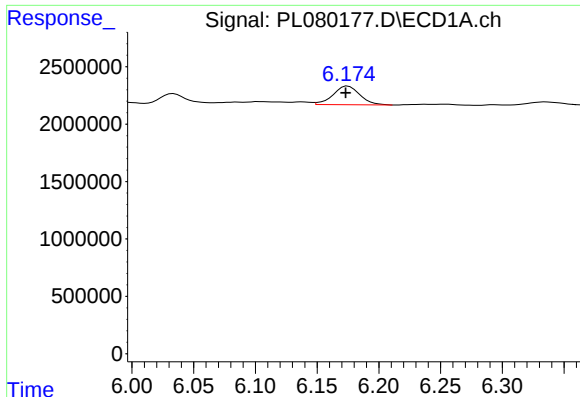
#12 4,4'-DDE

R.T.: 6.034 min  
Delta R.T.: 0.003 min  
Response: 1239232  
Conc: 0.79 ng/ml



#12 4,4'-DDE

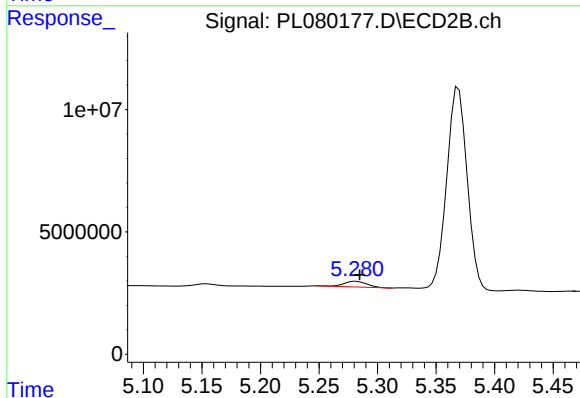
R.T.: 5.154 min  
Delta R.T.: -0.004 min  
Response: 1291887  
Conc: 0.56 ng/ml



#13 Dieldrin

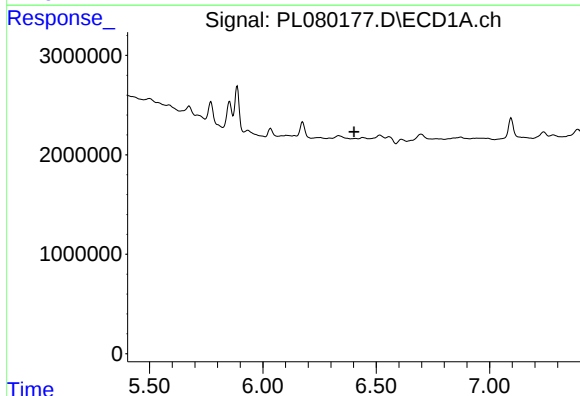
R.T.: 6.175 min  
Delta R.T.: 0.002 min  
Response: 2160326  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



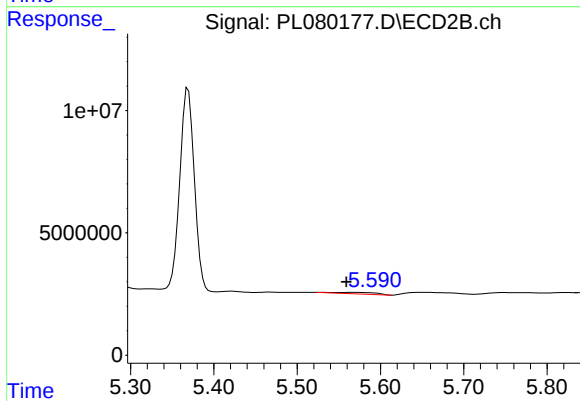
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.003 min  
Response: 3235820  
Conc: 1.24 ng/ml



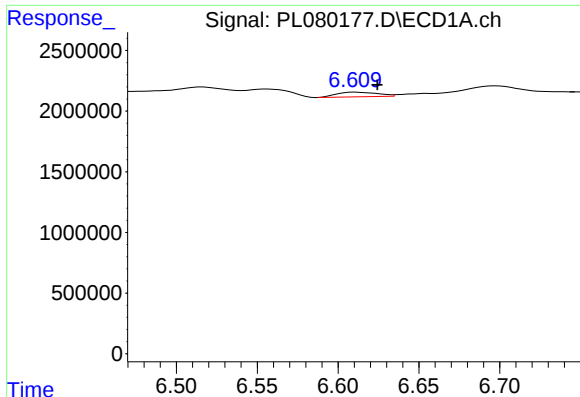
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.402 min  
Response: 0  
Conc: N.D.



#14 Endrin

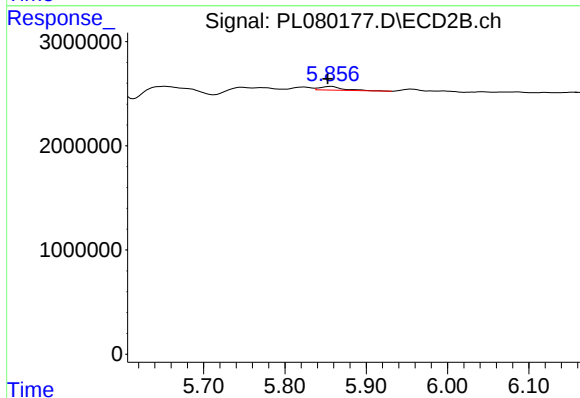
R.T.: 5.567 min  
Delta R.T.: 0.008 min  
Response: 2124189  
Conc: 0.94 ng/ml



#15 Endosulfan II

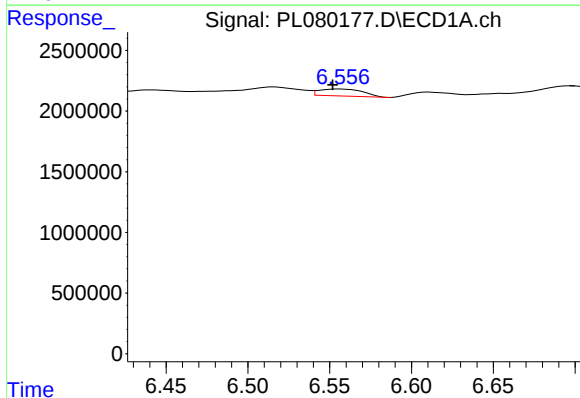
R.T.: 6.610 min  
Delta R.T.: -0.014 min  
Response: 681440  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



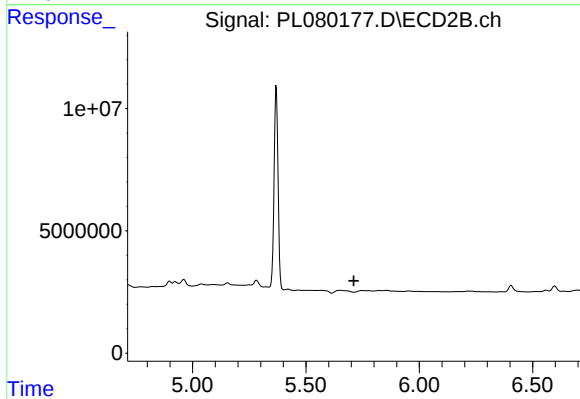
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: 0.004 min  
Response: 670221  
Conc: 0.31 ng/ml



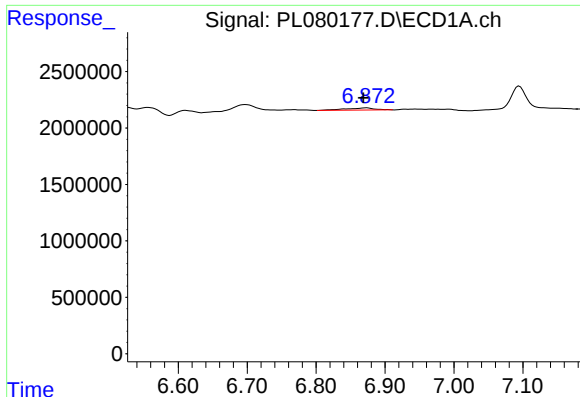
#16 4,4'-DDD

R.T.: 6.556 min  
Delta R.T.: 0.004 min  
Response: 1083918  
Conc: 0.82 ng/ml



#16 4,4'-DDD

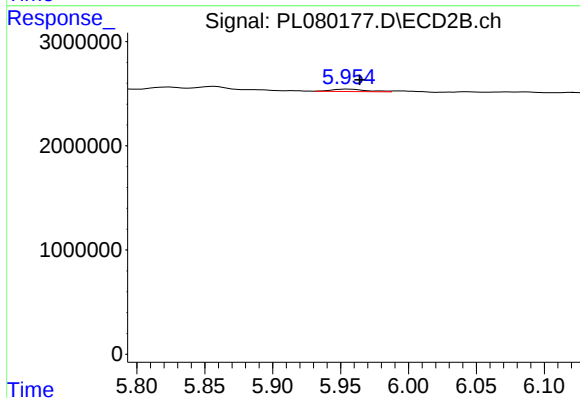
R.T.: 0.000 min  
Exp R.T. : 5.711 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

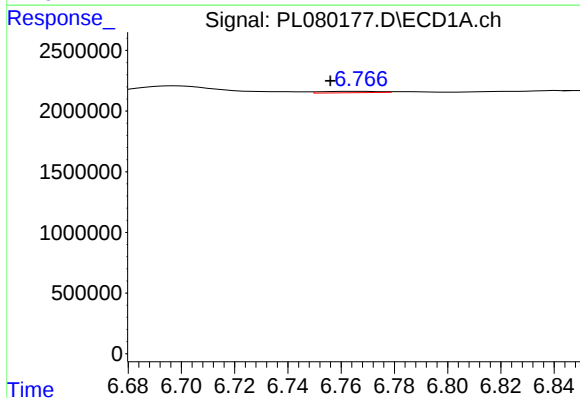
R.T.: 6.873 min  
Delta R.T.: 0.004 min  
Response: 549627  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



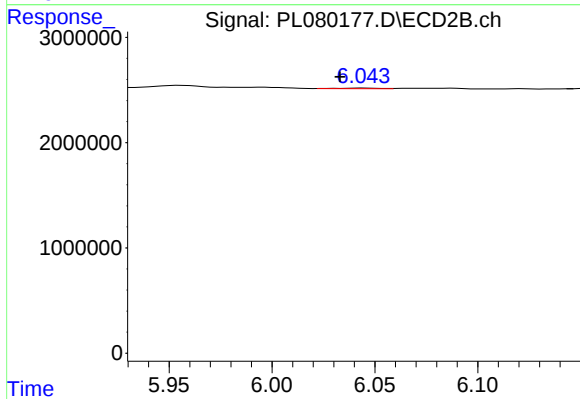
#17 4,4'-DDT

R.T.: 5.956 min  
Delta R.T.: -0.008 min  
Response: 393108  
Conc: 0.19 ng/ml



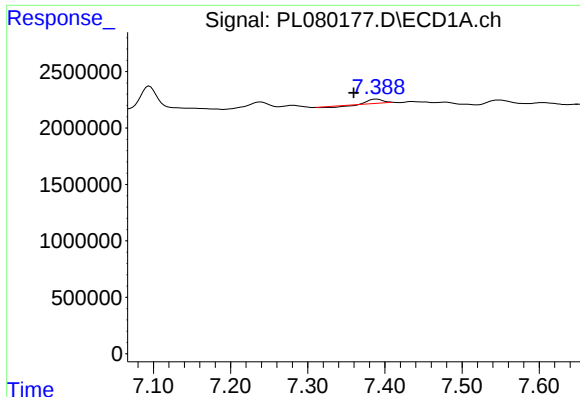
#18 Endrin aldehyde

R.T.: 6.769 min  
Delta R.T.: 0.012 min  
Response: 166193  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

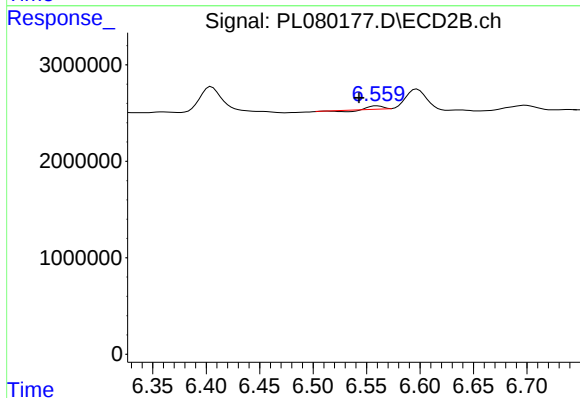
R.T.: 6.044 min  
Delta R.T.: 0.011 min  
Response: 70936  
Conc: 0.04 ng/ml



#20 Methoxychlor

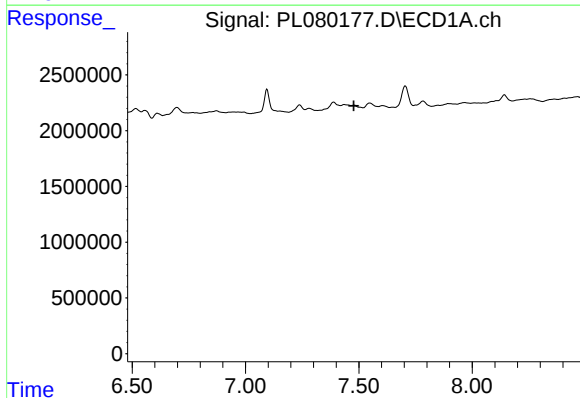
R.T.: 7.389 min  
Delta R.T.: 0.030 min  
Response: 351110  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



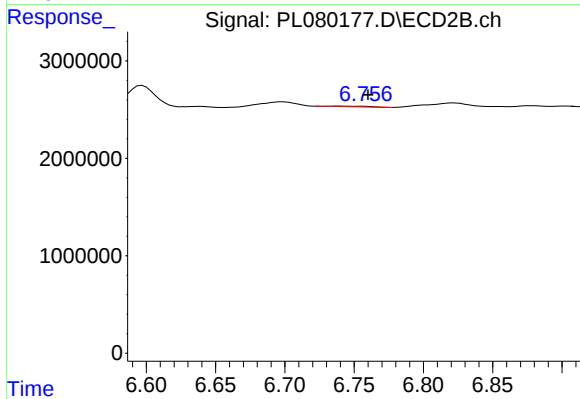
#20 Methoxychlor

R.T.: 6.560 min  
Delta R.T.: 0.017 min  
Response: 145573  
Conc: 0.13 ng/ml



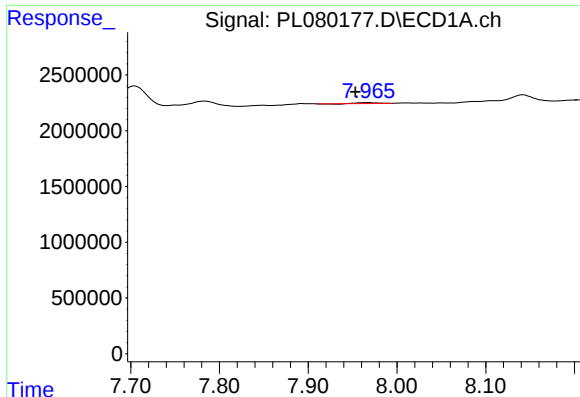
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.477 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

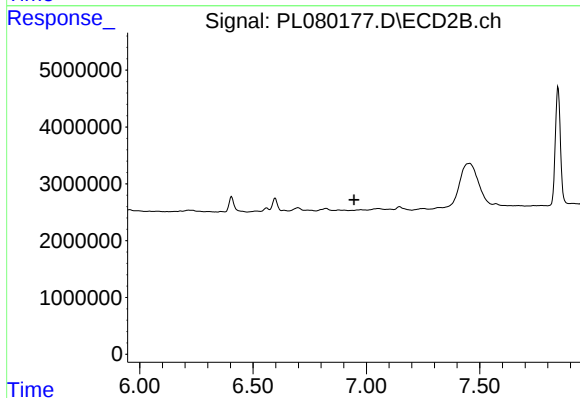
R.T.: 6.740 min  
Delta R.T.: -0.020 min  
Response: 135477  
Conc: 0.06 ng/ml



#22 Mirex

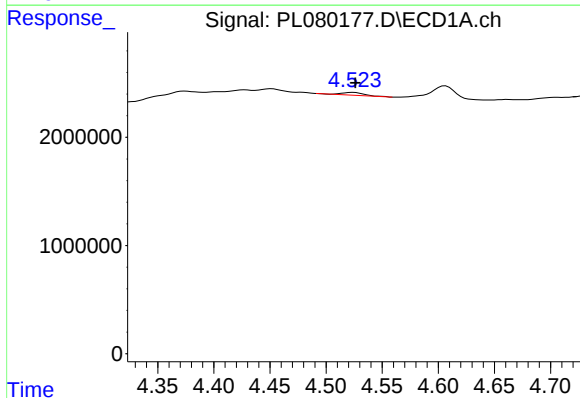
R.T.: 7.967 min  
Delta R.T.: 0.013 min  
Response: 96305  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



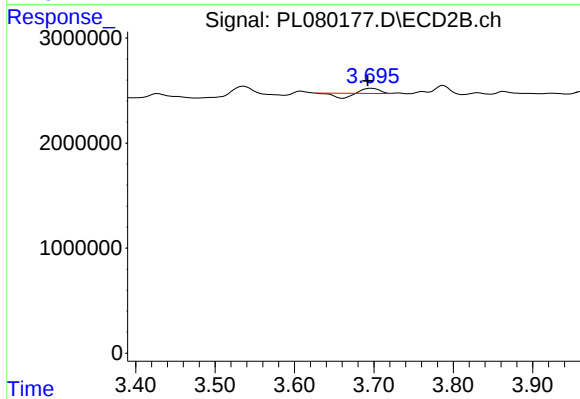
#22 Mirex

R.T.: 6.938 min  
Delta R.T.: -0.009 min  
Response: -61362  
Conc: N.D.



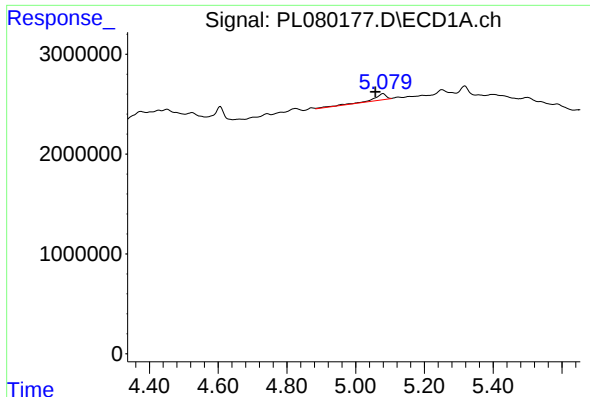
#23 Chlordane-1

R.T.: 4.525 min  
Delta R.T.: -0.002 min  
Response: 305728  
Conc: 5.12 ng/ml



#23 Chlordane-1

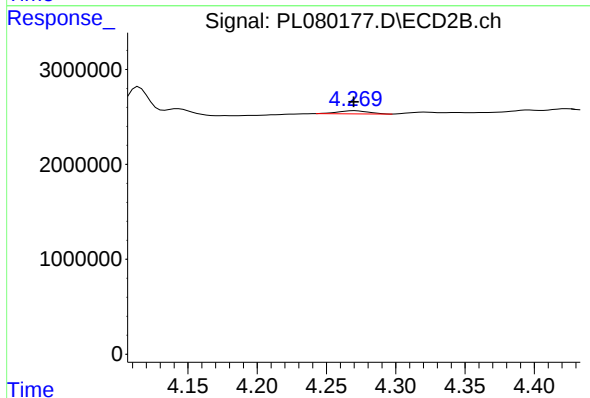
R.T.: 3.697 min  
Delta R.T.: 0.004 min  
Response: 163037  
Conc: 2.09 ng/ml



#24 Chlordane-2

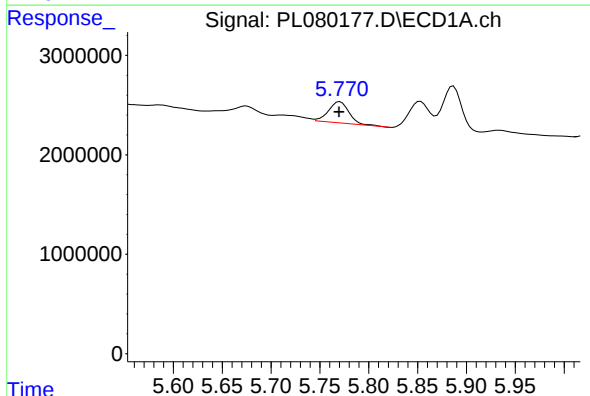
R.T.: 5.080 min  
Delta R.T.: 0.023 min  
Response: 1669033  
Conc: 23.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



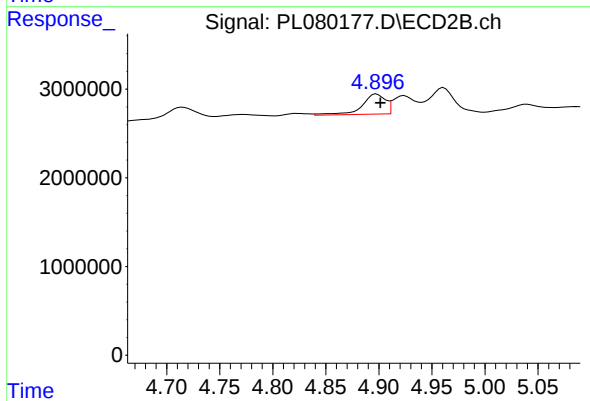
#24 Chlordane-2

R.T.: 4.270 min  
Delta R.T.: 0.000 min  
Response: 516840  
Conc: 5.94 ng/ml



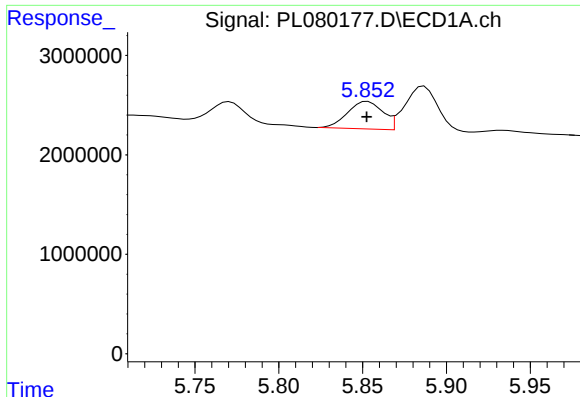
#25 Chlordane-3

R.T.: 5.771 min  
Delta R.T.: 0.001 min  
Response: 3125887  
Conc: 12.50 ng/ml



#25 Chlordane-3

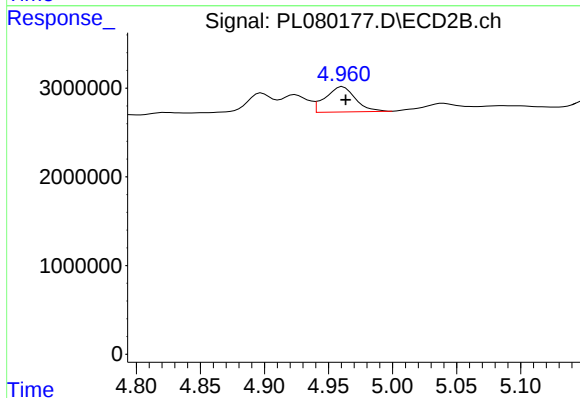
R.T.: 4.898 min  
Delta R.T.: -0.003 min  
Response: 3474464  
Conc: 13.28 ng/ml



#26 Chlordane-4

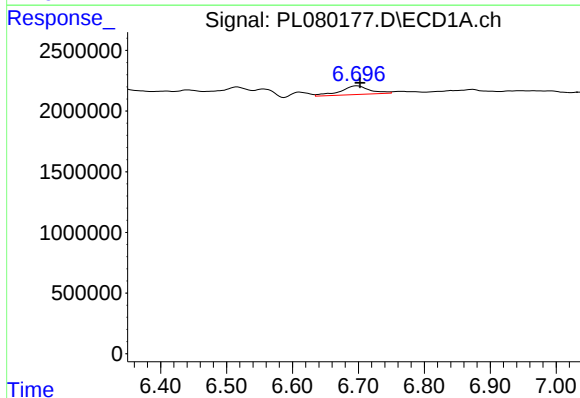
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 4042050  
Conc: 13.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



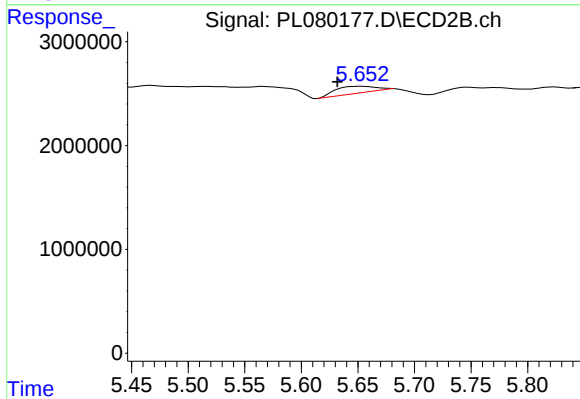
#26 Chlordane-4

R.T.: 4.961 min  
Delta R.T.: -0.002 min  
Response: 4656628  
Conc: 17.69 ng/ml



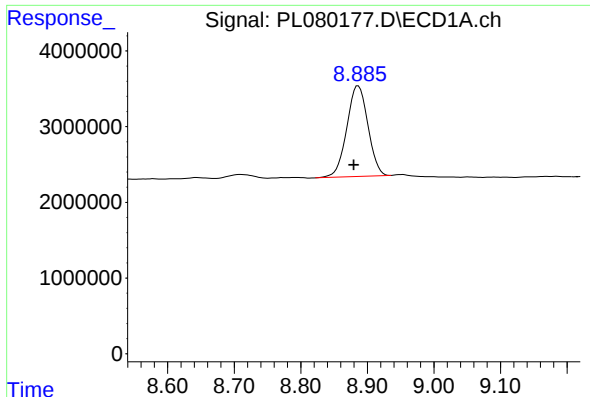
#27 Chlordane-5

R.T.: 6.698 min  
Delta R.T.: -0.005 min  
Response: 2229616  
Conc: 34.86 ng/ml



#27 Chlordane-5

R.T.: 5.653 min  
Delta R.T.: 0.021 min  
Response: 1630680  
Conc: 22.17 ng/ml



#28 Decachlorobiphenyl

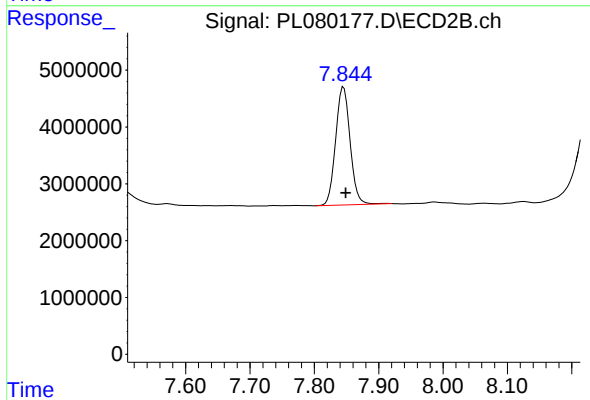
R.T.: 8.886 min

Delta R.T.: 0.007 min

Response: 26453183

Conc: 15.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.845 min

Delta R.T.: -0.003 min

Response: 32611471

Conc: 14.43 ng/ml