

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
 Data File : PL080037.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2023 16:57  
 Operator : AR\AJ  
 Sample : N6237-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 20:33:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 30 05:17:19 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... | 3.366  | 2.695  | 17593818 | 25244528 | 12.683 | 13.739   |
| 28)                         | SA Decachlor... | 8.819  | 7.853  | 21099367 | 26864591 | 15.008 | 16.066   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.183f | 0        | 134521   | N.D.   | 0.054 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.498f | 0        | 75928    | N.D.   | 0.032 #  |
| 4)                          | MA Heptachlor   | 4.729  | 3.869  | 140871   | 86879    | 0.078  | 0.040 #  |
| 5)                          | MB Aldrin       | 5.044f | 4.162  | 568924   | 107634   | 0.340  | 0.047 #  |
| 6)                          | B beta-BHC      | 4.355f | 0.000  | 726569   | 0        | 0.858  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.492  | 4.634f | 720512   | 49518    | 0.438  | 0.023 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.009f | 0        | 168038   | N.D.   | 0.082 #  |
| 10)                         | B gamma-Chl...  | 5.725f | 4.883f | 1723005  | 1763711  | 1.005  | 0.820    |
| 11)                         | B alpha-Chl...  | 5.835  | 4.964  | 1520083  | 596132   | 0.915  | 0.279 #  |
| 12)                         | B 4,4'-DDE      | 6.007  | 5.161  | 16341675 | 18774617 | 11.076 | 10.307   |
| 13)                         | MA Dieldrin     | 6.155  | 5.291  | 369103   | 1722396  | 0.226  | 0.853 #  |
| 14)                         | MA Endrin       | 6.385  | 5.575  | 1264710  | 947569   | 0.964  | 0.612 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.851  | 0        | 16277    | N.D.   | 0.009 #  |
| 16)                         | A 4,4'-DDD      | 6.534f | 5.715  | 2632819  | -46054   | 2.100  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.835  | 5.963  | 1650157  | 6248824  | 1.301  | 4.757 #  |
| 18)                         | B Endrin al...  | 6.713  | 6.060f | 204682   | 403111   | 0.187  | 0.300 #  |
| 19)                         | B Endosulfa...  | 6.952  | 6.263  | 142763   | 446187   | 0.099  | 0.256 #  |
| 21)                         | B Endrin ke...  | 7.430  | 6.770  | 844936   | -47762   | 0.557  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.954  | 0        | 35353    | N.D.   | 0.023 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.694  | 0        | 1008924  | N.D.   | 16.037 # |
| 24)                         | Chlordane-2     | 5.044  | 4.271  | 568924   | 853510   | 8.388  | 12.581 # |
| 25)                         | Chlordane-3     | 5.725f | 4.883f | 1723005  | 1763711  | 6.769  | 8.708 #  |
| 26)                         | Chlordane-4     | 5.835  | 4.964  | 1520083  | 596132   | 4.925  | 2.979 #  |
| 27)                         | Chlordane-5     | 6.653  | 5.635  | 2125397  | 2736005  | 39.259 | 50.462 # |
| -----                       |                 |        |        |          |          |        |          |

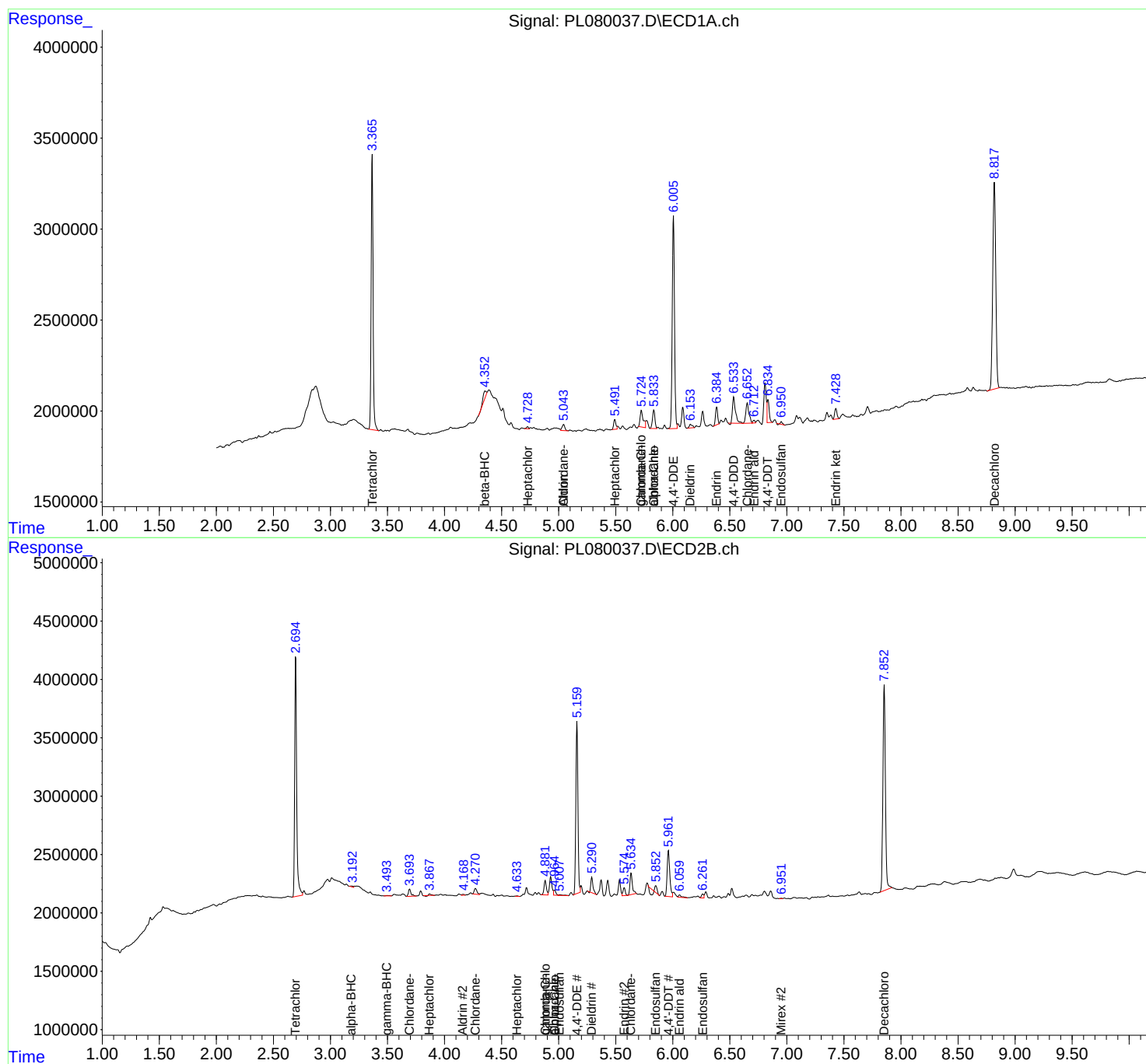
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

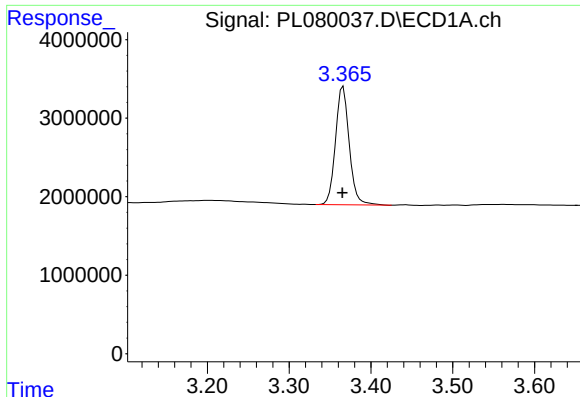
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
Data File : PL080037.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2023 16:57  
Operator : AR\AJ  
Sample : N6237-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 03 20:33:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 30 05:17:19 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

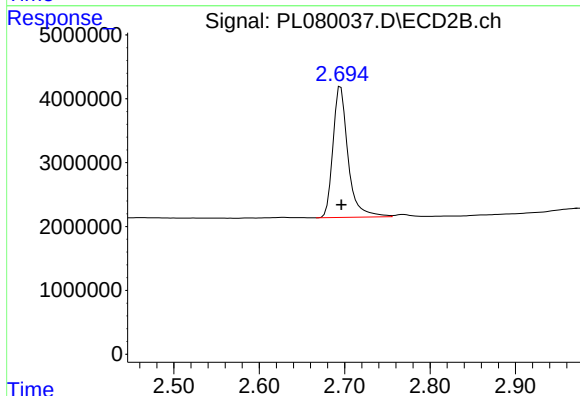




#1 Tetrachloro-m-xylene

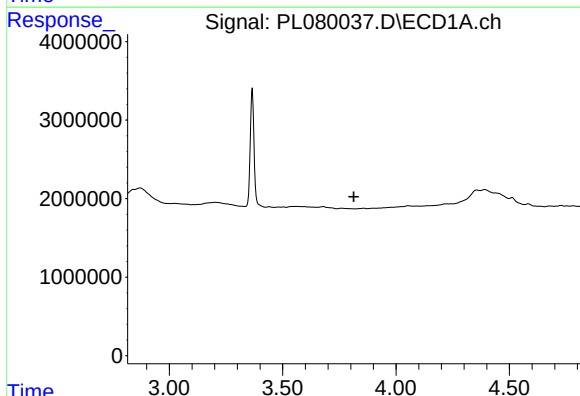
R.T.: 3.366 min  
Delta R.T.: 0.001 min  
Response: 17593818  
Conc: 12.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



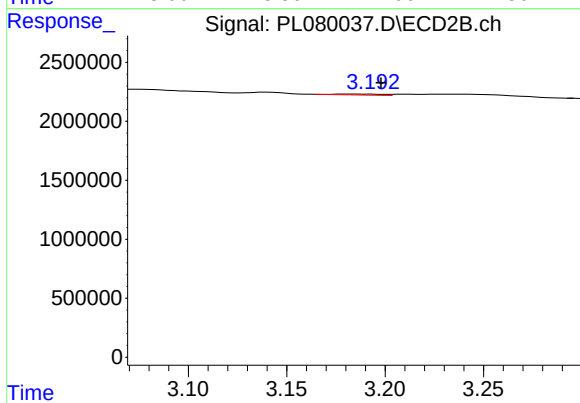
#1 Tetrachloro-m-xylene

R.T.: 2.695 min  
Delta R.T.: 0.000 min  
Response: 25244528  
Conc: 13.74 ng/ml



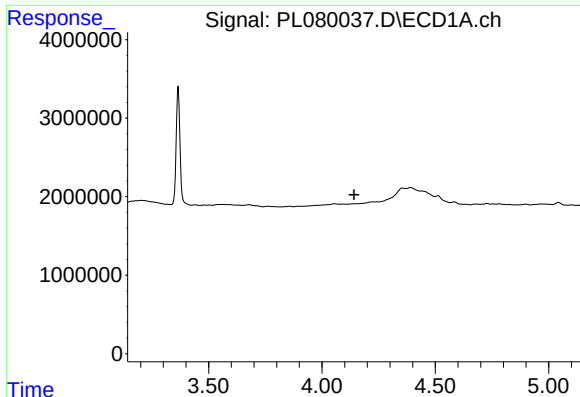
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.814 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

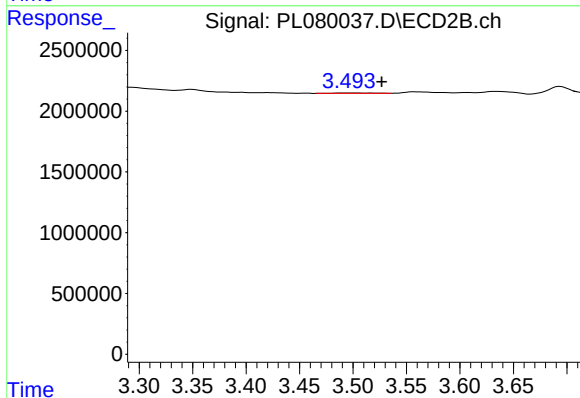
R.T.: 3.183 min  
Delta R.T.: -0.015 min  
Response: 134521  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

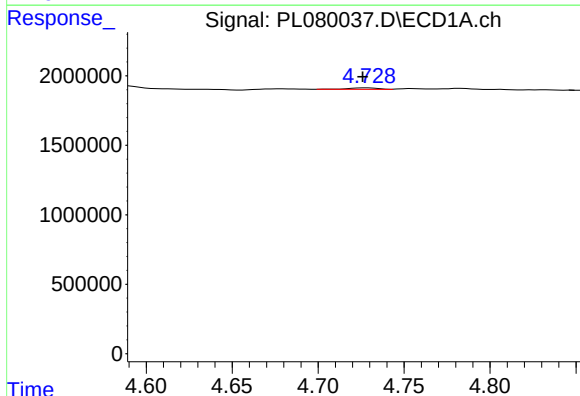
R.T.: 0.000 min  
Exp R.T.: 4.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



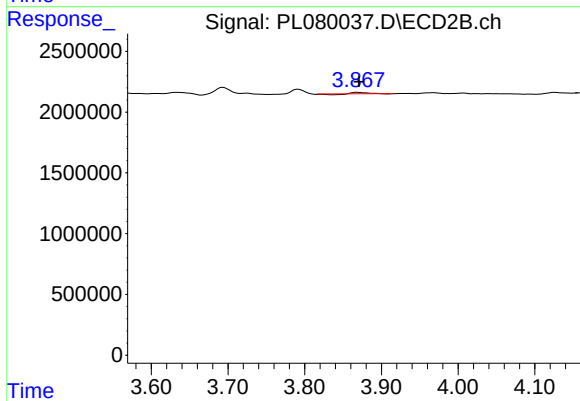
#3 gamma-BHC (Lindane)

R.T.: 3.498 min  
Delta R.T.: -0.029 min  
Response: 75928  
Conc: 0.03 ng/ml



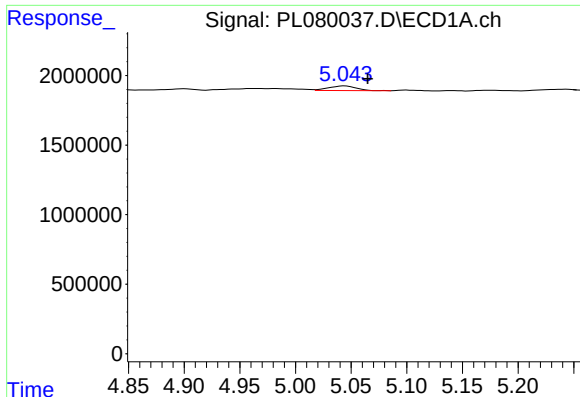
#4 Heptachlor

R.T.: 4.729 min  
Delta R.T.: 0.003 min  
Response: 140871  
Conc: 0.08 ng/ml



#4 Heptachlor

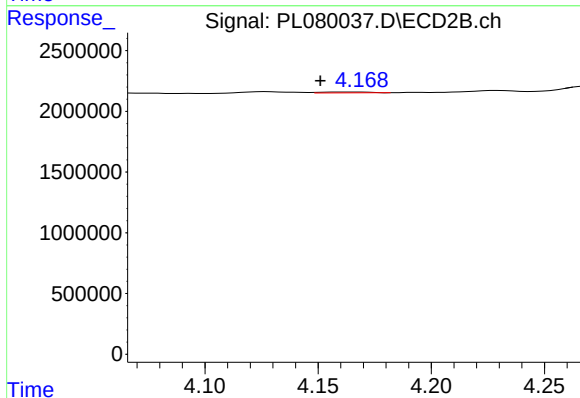
R.T.: 3.869 min  
Delta R.T.: -0.002 min  
Response: 86879  
Conc: 0.04 ng/ml



#5 Aldrin

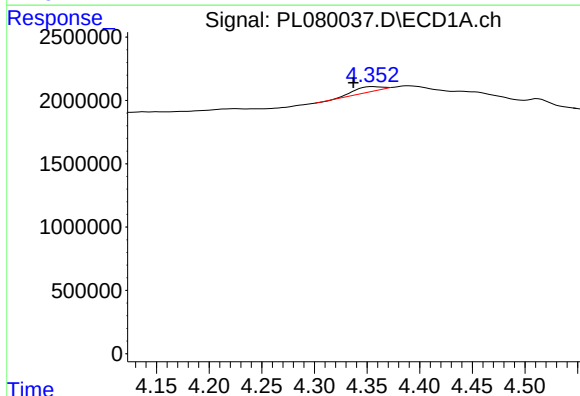
R.T.: 5.044 min  
Delta R.T.: -0.021 min  
Response: 568924  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



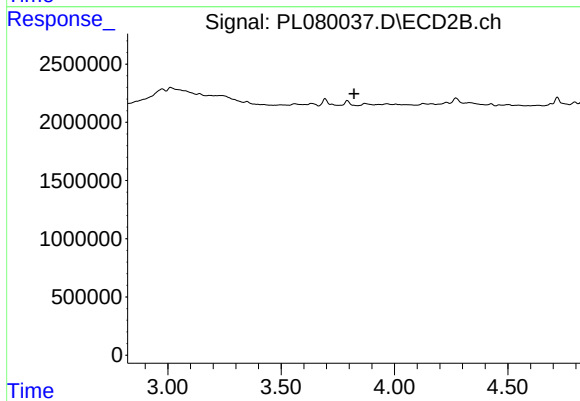
#5 Aldrin

R.T.: 4.162 min  
Delta R.T.: 0.011 min  
Response: 107634  
Conc: 0.05 ng/ml



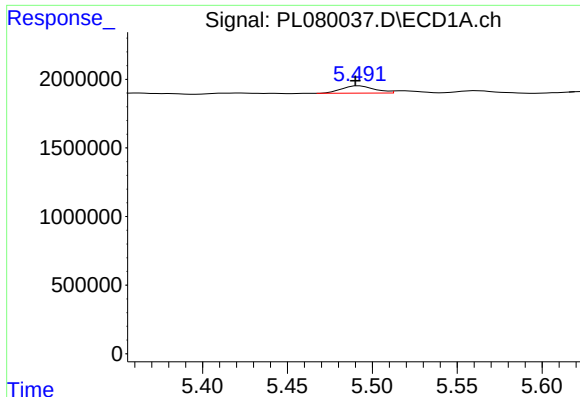
#6 beta-BHC

R.T.: 4.355 min  
Delta R.T.: 0.018 min  
Response: 726569  
Conc: 0.86 ng/ml



#6 beta-BHC

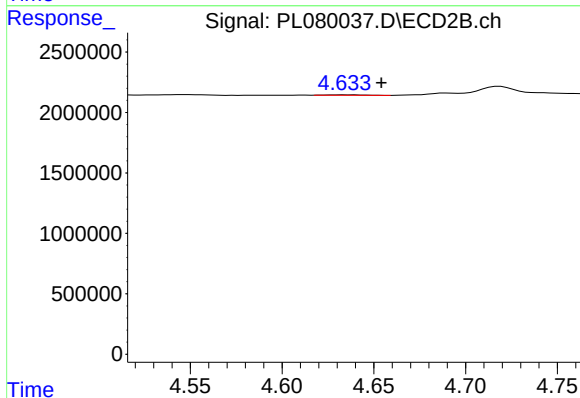
R.T.: 0.000 min  
Exp R.T.: 3.822 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

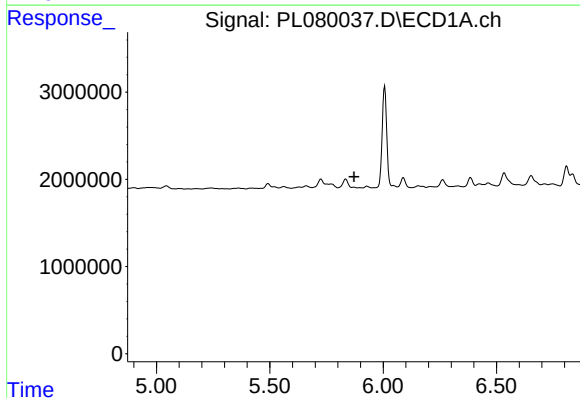
R.T.: 5.492 min  
Delta R.T.: 0.002 min  
Response: 720512  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



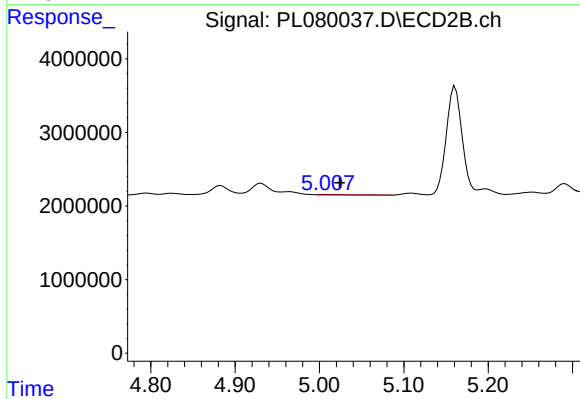
#8 Heptachlor epoxide

R.T.: 4.634 min  
Delta R.T.: -0.020 min  
Response: 49518  
Conc: 0.02 ng/ml



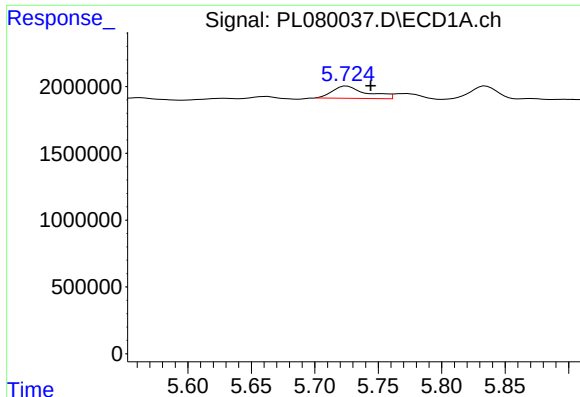
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.872 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

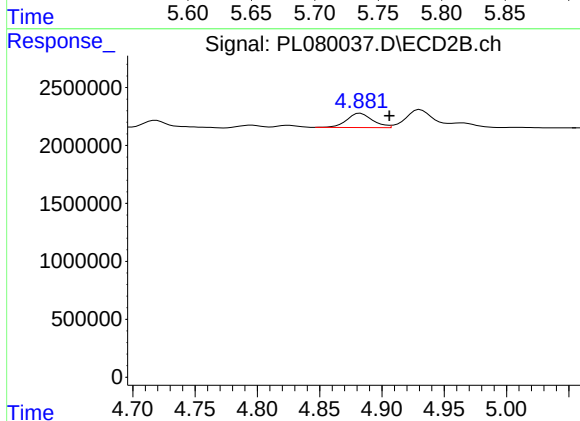
R.T.: 5.009 min  
Delta R.T.: -0.015 min  
Response: 168038  
Conc: 0.08 ng/ml



#10 gamma-Chlordane

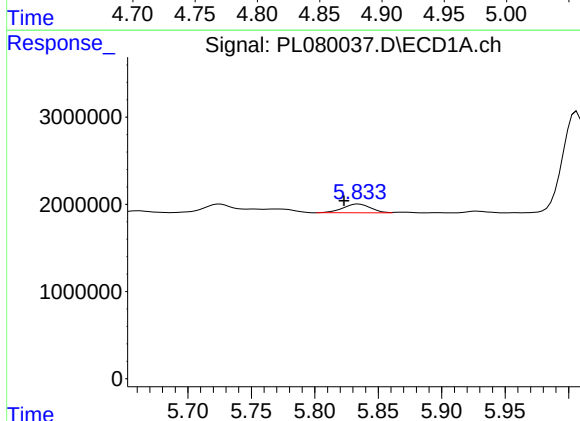
R.T.: 5.725 min  
Delta R.T.: -0.019 min  
Response: 1723005  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



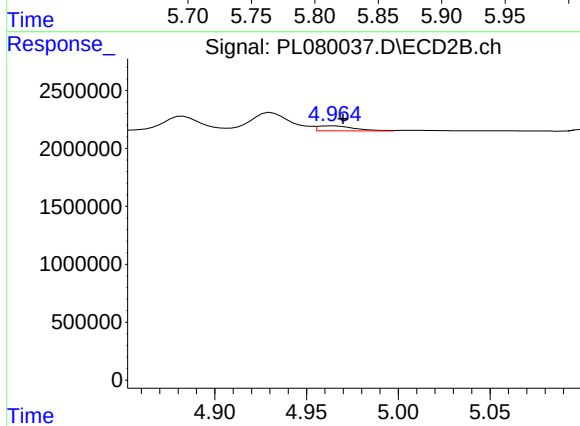
#10 gamma-Chlordane

R.T.: 4.883 min  
Delta R.T.: -0.023 min  
Response: 1763711  
Conc: 0.82 ng/ml



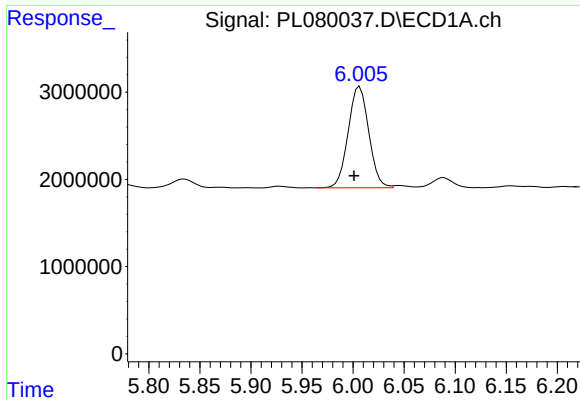
#11 alpha-Chlordane

R.T.: 5.835 min  
Delta R.T.: 0.012 min  
Response: 1520083  
Conc: 0.91 ng/ml



#11 alpha-Chlordane

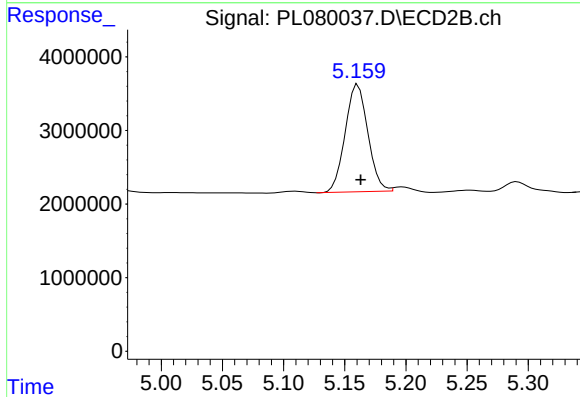
R.T.: 4.964 min  
Delta R.T.: -0.006 min  
Response: 596132  
Conc: 0.28 ng/ml



#12 4,4'-DDE

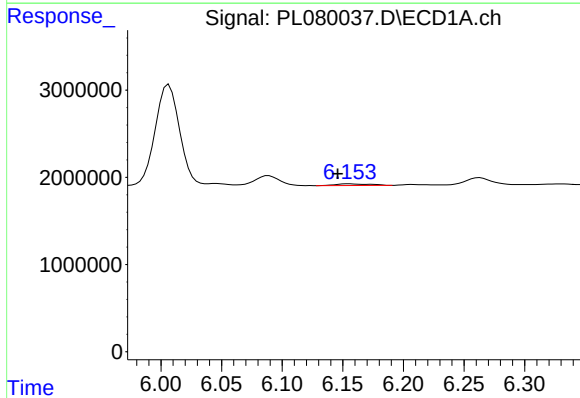
R.T.: 6.007 min  
Delta R.T.: 0.006 min  
Response: 16341675  
Conc: 11.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



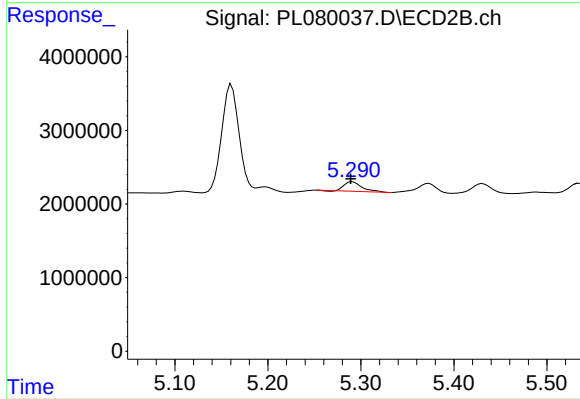
#12 4,4'-DDE

R.T.: 5.161 min  
Delta R.T.: -0.002 min  
Response: 18774617  
Conc: 10.31 ng/ml



#13 Dieldrin

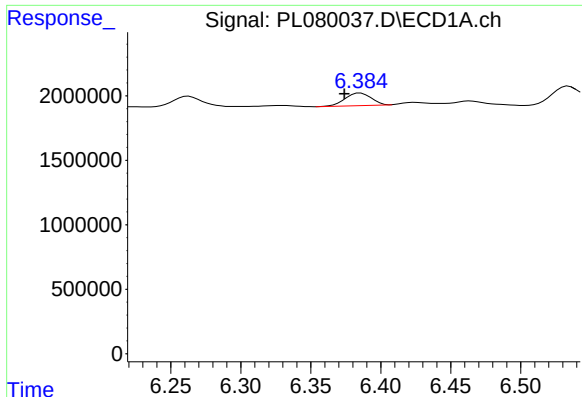
R.T.: 6.155 min  
Delta R.T.: 0.009 min  
Response: 369103  
Conc: 0.23 ng/ml



#13 Dieldrin

R.T.: 5.291 min  
Delta R.T.: 0.002 min  
Response: 1722396  
Conc: 0.85 ng/ml

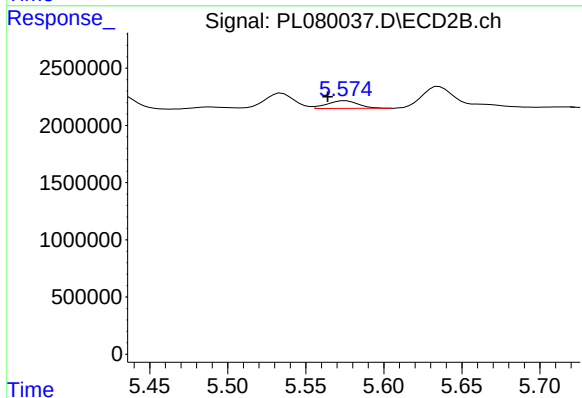




#14 Endrin

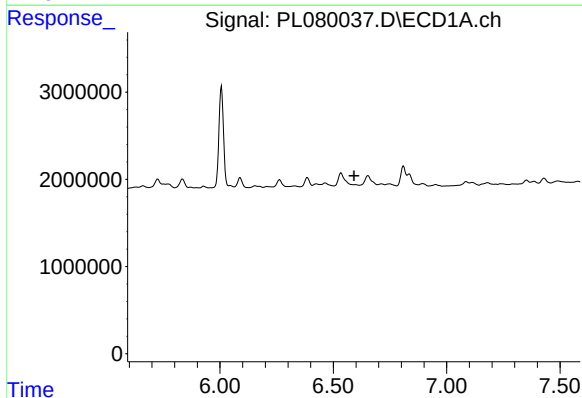
R.T.: 6.385 min  
Delta R.T.: 0.011 min  
Response: 1264710  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



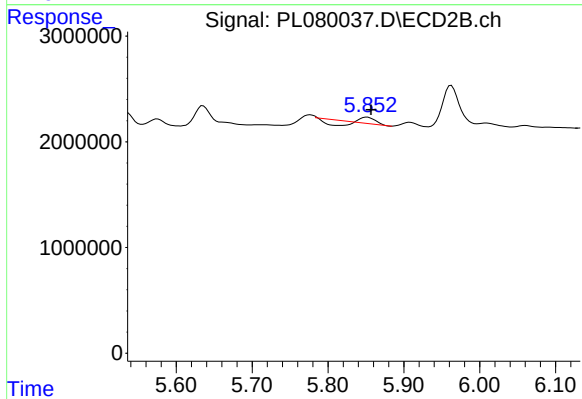
#14 Endrin

R.T.: 5.575 min  
Delta R.T.: 0.011 min  
Response: 947569  
Conc: 0.61 ng/ml



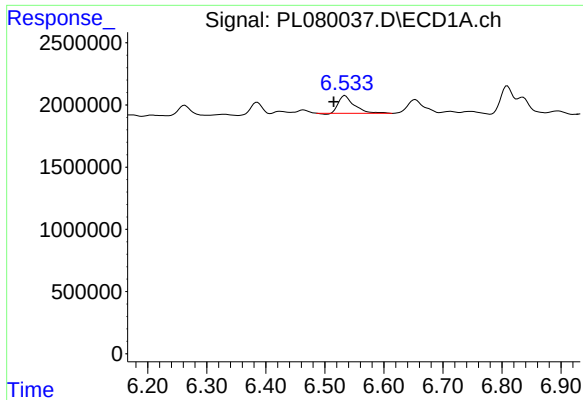
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.592 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

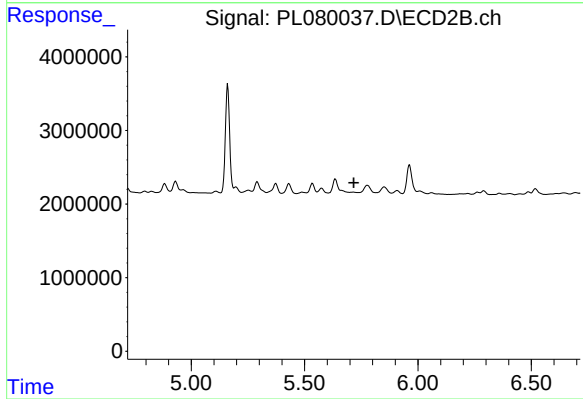
R.T.: 5.851 min  
Delta R.T.: -0.006 min  
Response: 16277  
Conc: 0.01 ng/ml



#16 4,4'-DDD

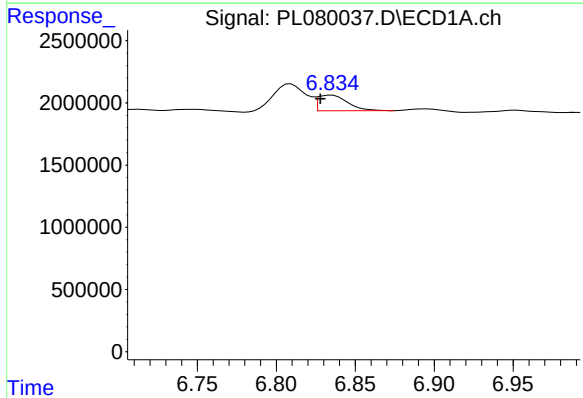
R.T.: 6.534 min  
Delta R.T.: 0.019 min  
Response: 2632819  
Conc: 2.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



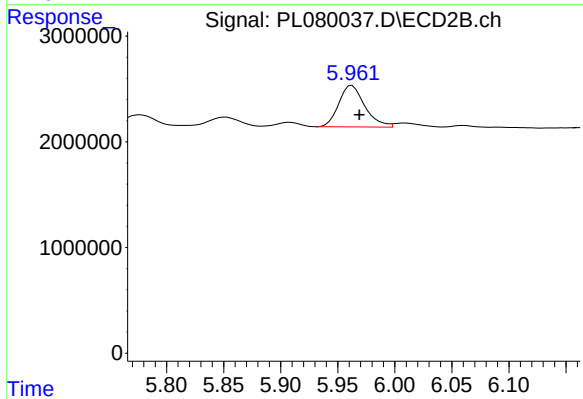
#16 4,4'-DDD

R.T.: 5.715 min  
Delta R.T.: -0.002 min  
Response: -46054  
Conc: N.D.



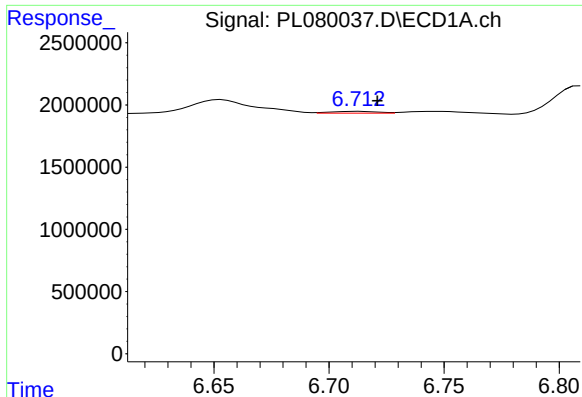
#17 4,4'-DDT

R.T.: 6.835 min  
Delta R.T.: 0.007 min  
Response: 1650157  
Conc: 1.30 ng/ml



#17 4,4'-DDT

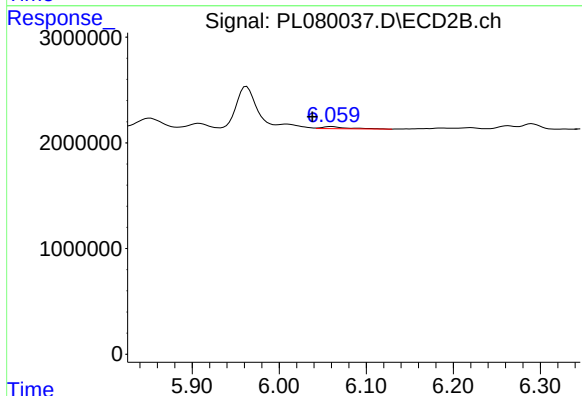
R.T.: 5.963 min  
Delta R.T.: -0.006 min  
Response: 6248824  
Conc: 4.76 ng/ml



#18 Endrin aldehyde

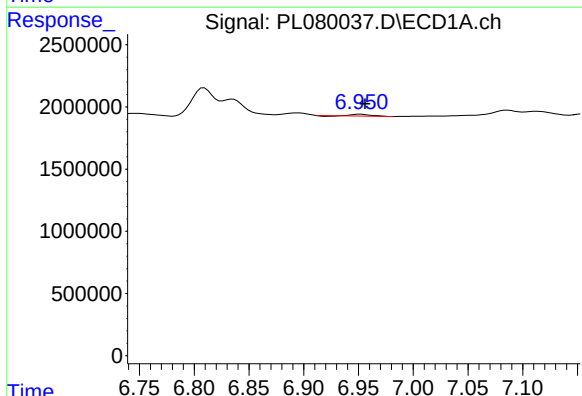
R.T.: 6.713 min  
Delta R.T.: -0.008 min  
Response: 204682  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



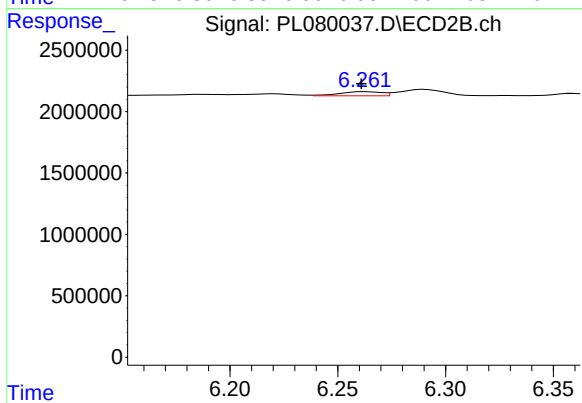
#18 Endrin aldehyde

R.T.: 6.060 min  
Delta R.T.: 0.022 min  
Response: 403111  
Conc: 0.30 ng/ml



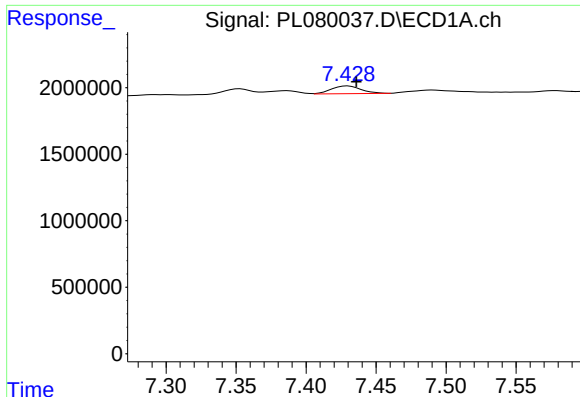
#19 Endosulfan Sulfate

R.T.: 6.952 min  
Delta R.T.: -0.004 min  
Response: 142763  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

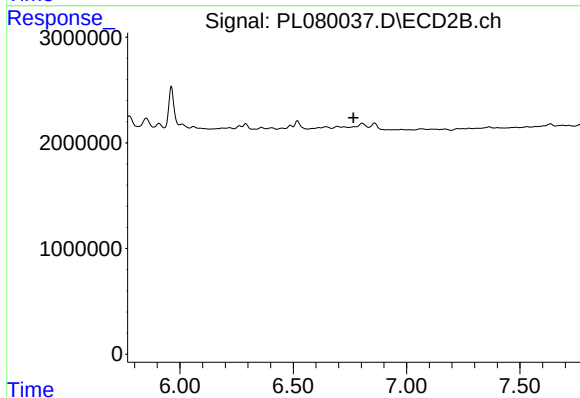
R.T.: 6.263 min  
Delta R.T.: 0.002 min  
Response: 446187  
Conc: 0.26 ng/ml



#21 Endrin ketone

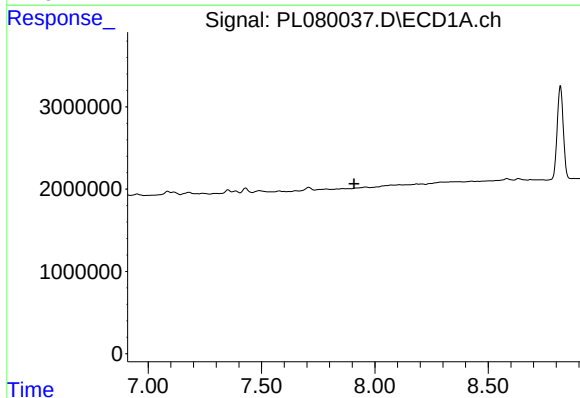
R.T.: 7.430 min  
Delta R.T.: -0.006 min  
Response: 844936  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



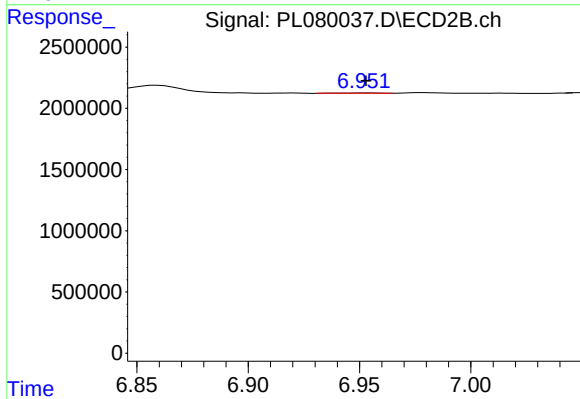
#21 Endrin ketone

R.T.: 6.770 min  
Delta R.T.: 0.004 min  
Response: -47762  
Conc: N.D.



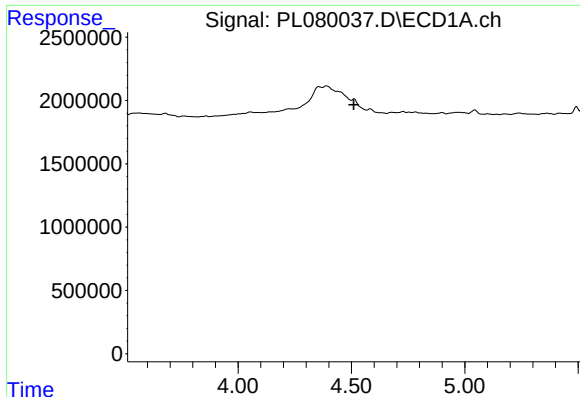
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.908 min  
Response: 0  
Conc: N.D.



#22 Mirex

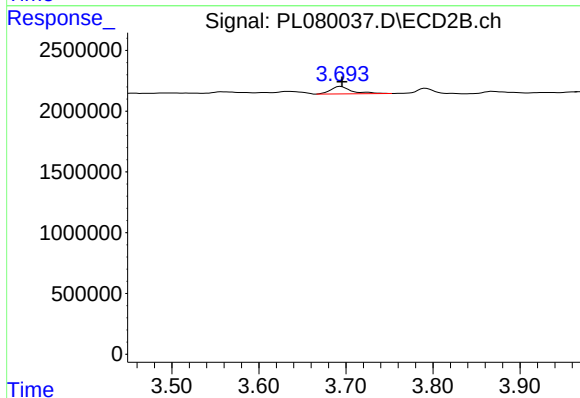
R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 35353  
Conc: 0.02 ng/ml



#23 Chlordane-1

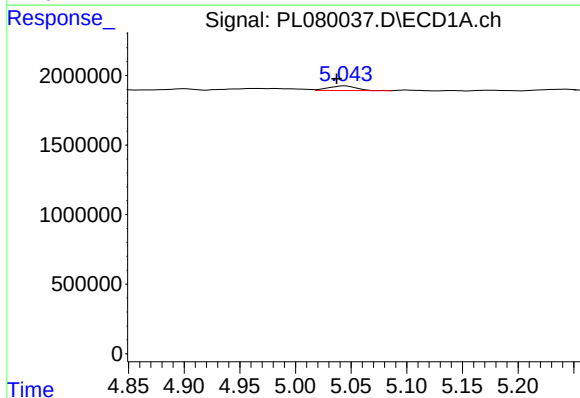
R.T.: 0.000 min  
Exp R.T.: 4.511 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



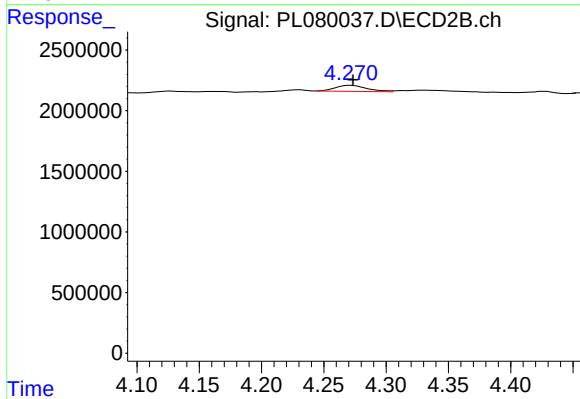
#23 Chlordane-1

R.T.: 3.694 min  
Delta R.T.: -0.001 min  
Response: 1008924  
Conc: 16.04 ng/ml



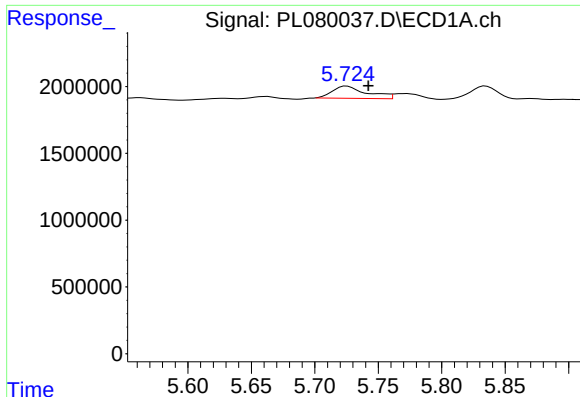
#24 Chlordane-2

R.T.: 5.044 min  
Delta R.T.: 0.007 min  
Response: 568924  
Conc: 8.39 ng/ml



#24 Chlordane-2

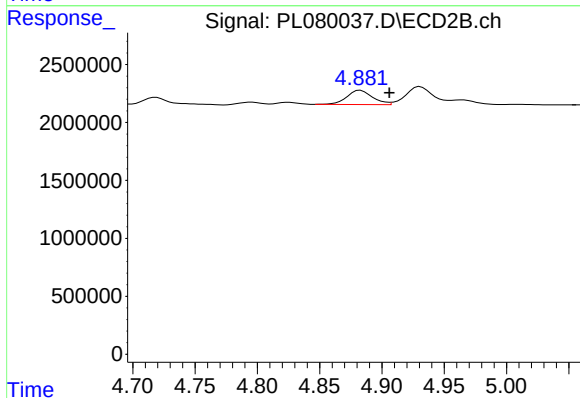
R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 853510  
Conc: 12.58 ng/ml



#25 Chlordane-3

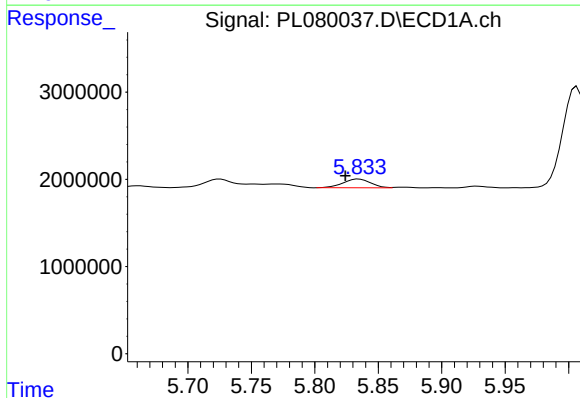
R.T.: 5.725 min  
Delta R.T.: -0.017 min  
Response: 1723005  
Conc: 6.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



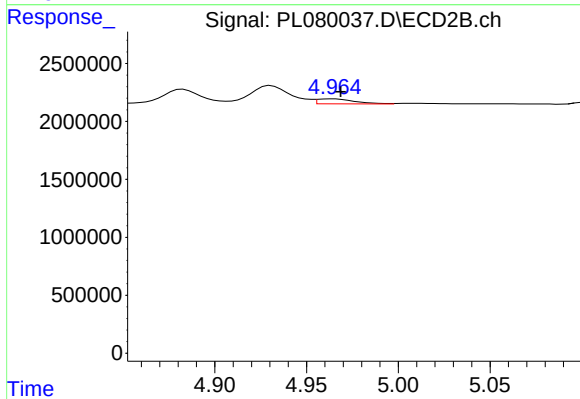
#25 Chlordane-3

R.T.: 4.883 min  
Delta R.T.: -0.023 min  
Response: 1763711  
Conc: 8.71 ng/ml



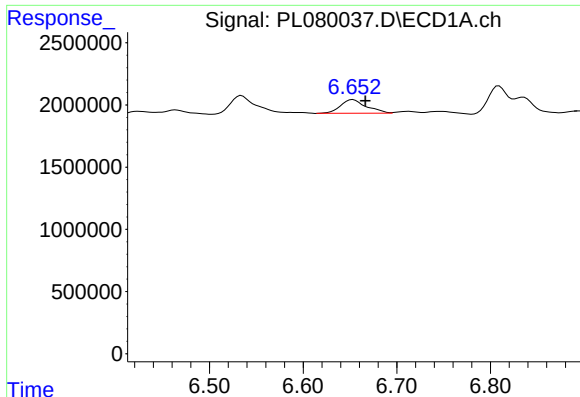
#26 Chlordane-4

R.T.: 5.835 min  
Delta R.T.: 0.011 min  
Response: 1520083  
Conc: 4.93 ng/ml



#26 Chlordane-4

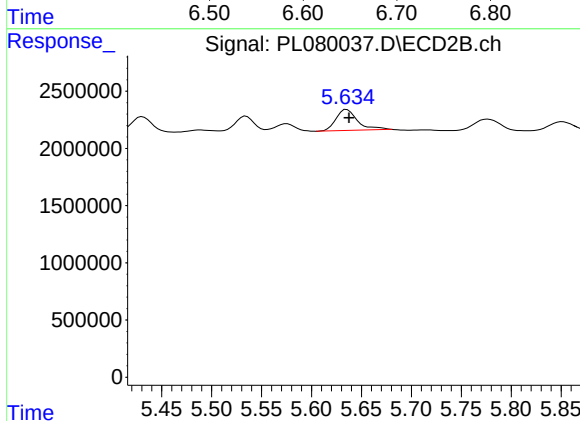
R.T.: 4.964 min  
Delta R.T.: -0.004 min  
Response: 596132  
Conc: 2.98 ng/ml



#27 Chlordane-5

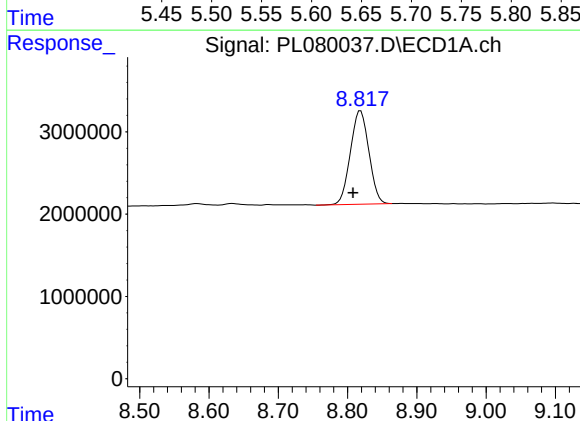
R.T.: 6.653 min  
Delta R.T.: -0.013 min  
Response: 2125397  
Conc: 39.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



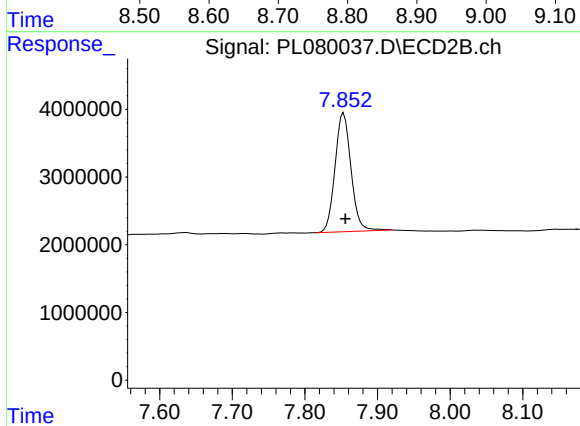
#27 Chlordane-5

R.T.: 5.635 min  
Delta R.T.: -0.002 min  
Response: 2736005  
Conc: 50.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.819 min  
Delta R.T.: 0.011 min  
Response: 21099367  
Conc: 15.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.853 min  
Delta R.T.: -0.003 min  
Response: 26864591  
Conc: 16.07 ng/ml