

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021623\  
 Data File : PL080970.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2023 10:42  
 Operator : AR\AJ  
 Sample : PB150847TB  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 20:31:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.353  | 2.689  | 40714804 | 38354951 | 18.983 | 17.462   |
| 28)                         | SA Decachlor... | 8.790  | 7.834  | 35143340 | 43163592 | 20.073 | 18.117   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.173f | 0        | 204503   | N.D.   | 0.064 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.508  | 0        | 9817     | N.D.   | 0.003 #  |
| 4)                          | MA Heptachlor   | 4.703  | 0.000  | 897893   | 0        | 0.304  | N.D. #   |
| 5)                          | MB Aldrin       | 5.049  | 4.143  | 334251   | 634387   | 0.122  | 0.215 #  |
| 6)                          | B beta-BHC      | 4.334  | 0.000  | 460056   | 0        | 0.337  | N.D. #   |
| 7)                          | B delta-BHC     | 4.571  | 4.066f | 2630880  | 319474   | 0.909  | 0.111 #  |
| 8)                          | B Heptachlo...  | 5.476  | 4.642  | 6005198  | 17150    | 2.321  | 0.006 #  |
| 9)                          | A Endosulfan I  | 5.851  | 5.018  | 773626   | 119595   | 0.328  | 0.046 #  |
| 10)                         | B gamma-Chl...  | 5.712f | 4.900  | 677132   | 213468   | 0.268  | 0.075 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.954  | 0        | 353968   | N.D.   | 0.124 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.158  | 0        | 427622   | N.D.   | 0.181 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.278  | 0        | 1124280  | N.D.   | 0.416 #  |
| 14)                         | MA Endrin       | 0.000  | 5.566  | 0        | 2342572  | N.D.   | 1.009 #  |
| 15)                         | B Endosulfa...  | 6.564f | 5.847  | 535018   | 895636   | 0.233  | 0.430 #  |
| 16)                         | A 4,4'-DDD      | 6.489  | 0.000  | 1544202  | 0        | 0.843  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.834f | 5.954  | 693136   | 60278    | 0.334  | 0.029 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.024  | 0        | 33073    | N.D.   | 0.018 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.239  | 0        | 121534   | N.D.   | 0.052 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.535  | 0        | 26120    | N.D.   | 0.022 #  |
| 22)                         | Mirex           | 7.922f | 6.942  | 2800217  | 4838     | 1.628  | 0.002 #  |
| 24)                         | Chlordane-2     | 5.049f | 4.251  | 334251   | 1305782  | 3.466  | 14.483 # |
| 25)                         | Chlordane-3     | 5.712f | 4.900  | 677132   | 213468   | 2.004  | 0.809 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.954  | 0        | 353968   | N.D.   | 1.314 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.651f | 0        | 410453   | N.D.   | 5.768 #  |
| -----                       |                 |        |        |          |          |        |          |

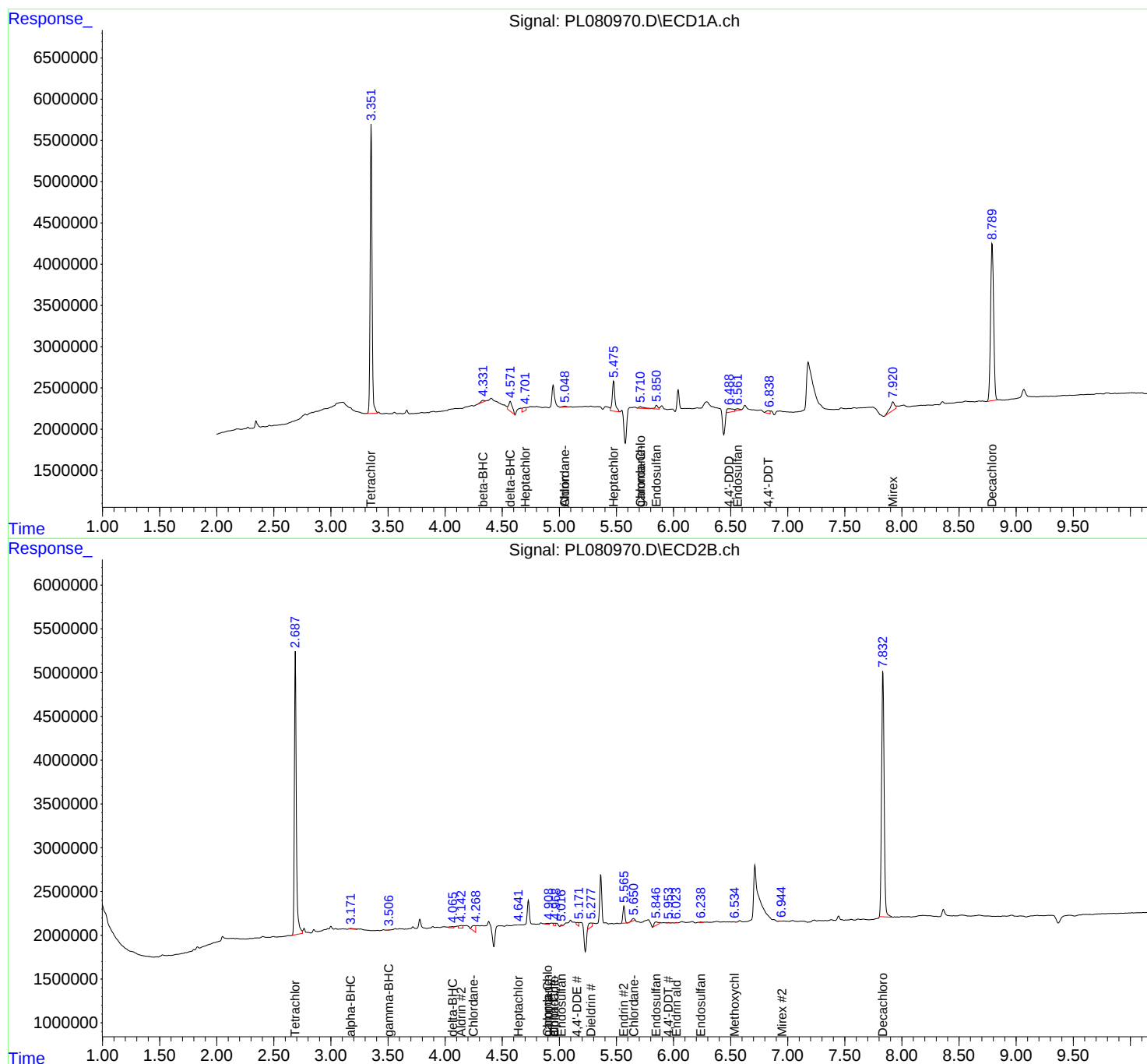
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

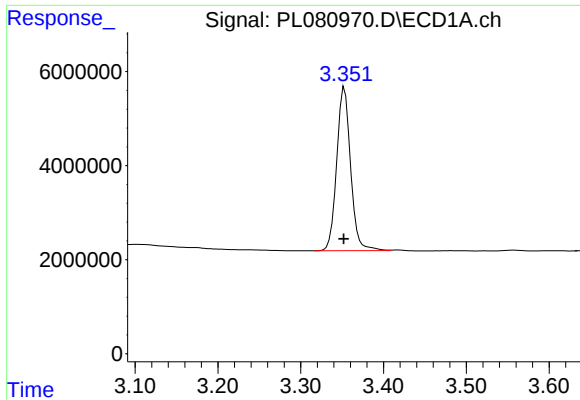
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021623\  
Data File : PL080970.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Feb 2023 10:42  
Operator : AR\AJ  
Sample : PB150847TB  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 20:31:41 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 2023  
Response via : Initial Calibration  
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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

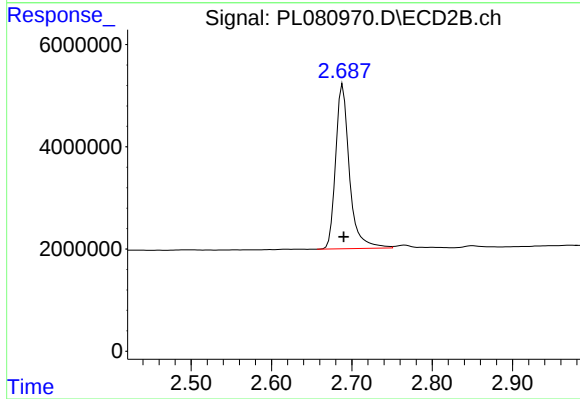




#1 Tetrachloro-m-xylene

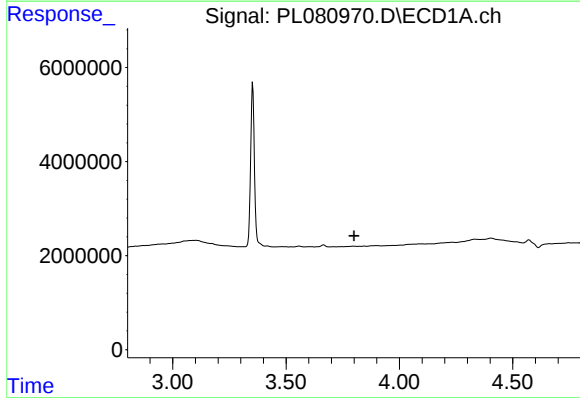
R.T.: 3.353 min  
Delta R.T.: 0.000 min  
Response: 40714804  
Conc: 18.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



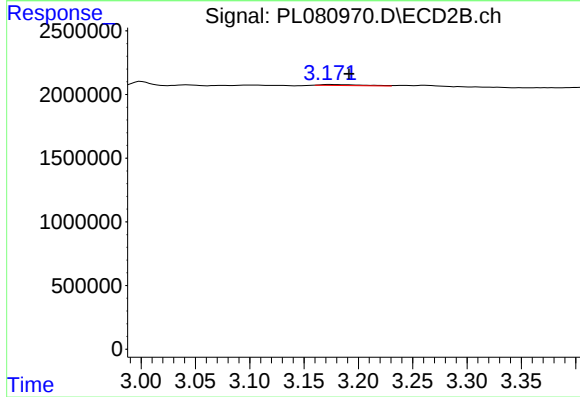
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 38354951  
Conc: 17.46 ng/ml



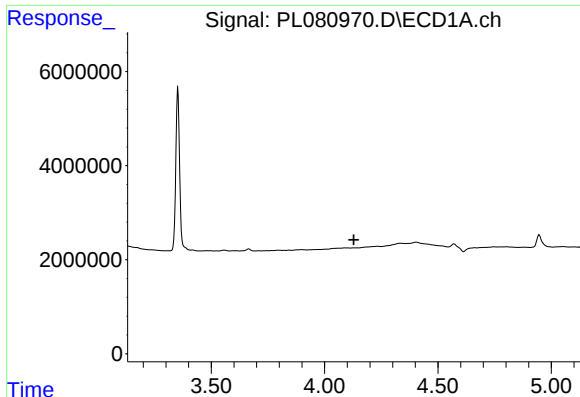
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.801 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

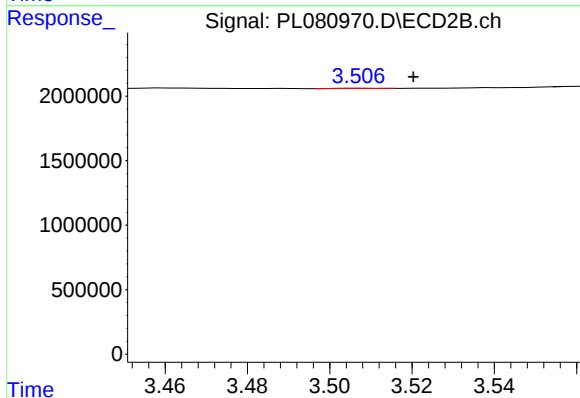
R.T.: 3.173 min  
Delta R.T.: -0.019 min  
Response: 204503  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

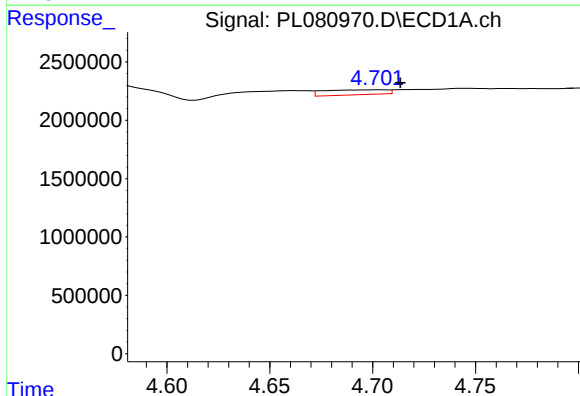
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



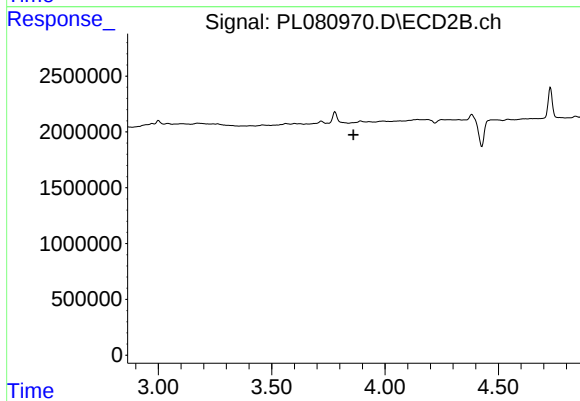
#3 gamma-BHC (Lindane)

R.T.: 3.508 min  
Delta R.T.: -0.013 min  
Response: 9817  
Conc: 0.00 ng/ml



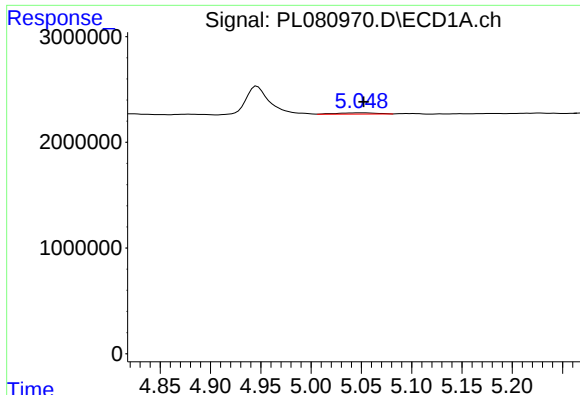
#4 Heptachlor

R.T.: 4.703 min  
Delta R.T.: -0.010 min  
Response: 897893  
Conc: 0.30 ng/ml



#4 Heptachlor

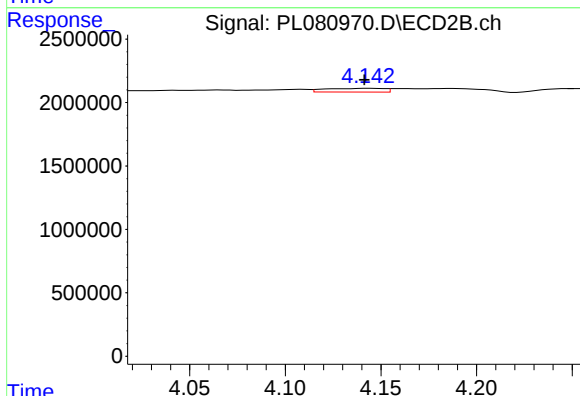
R.T.: 0.000 min  
Exp R.T.: 3.862 min  
Response: 0  
Conc: N.D.



#5 Aldrin

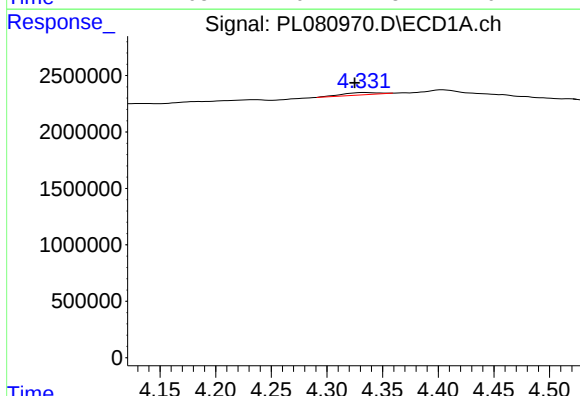
R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 334251  
Conc: 0.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



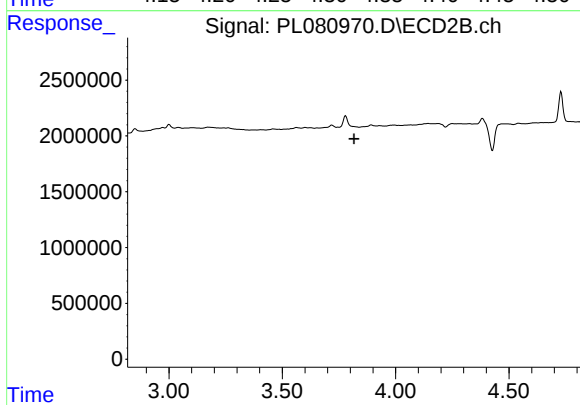
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: 0.002 min  
Response: 634387  
Conc: 0.22 ng/ml



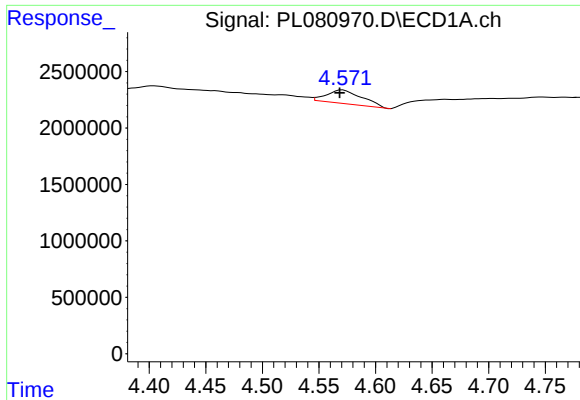
#6 beta-BHC

R.T.: 4.334 min  
Delta R.T.: 0.009 min  
Response: 460056  
Conc: 0.34 ng/ml



#6 beta-BHC

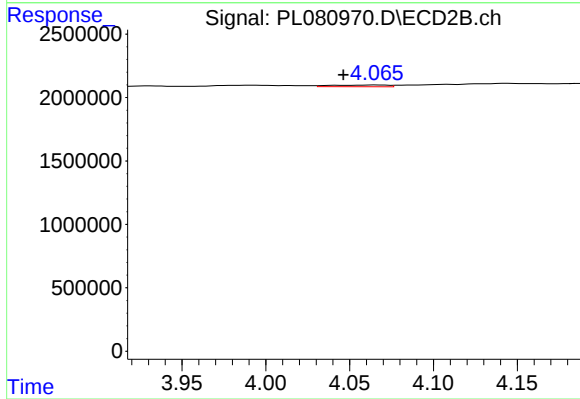
R.T.: 0.000 min  
Exp R.T. : 3.816 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

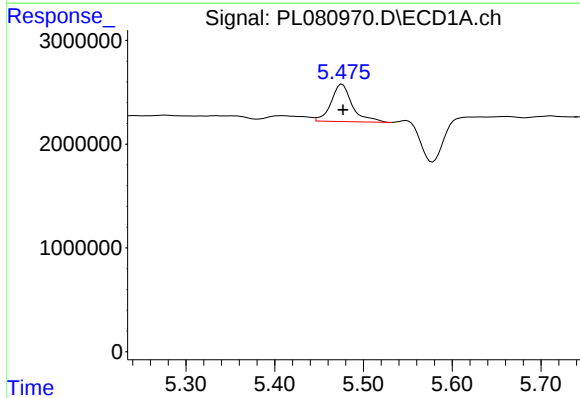
R.T.: 4.571 min  
Delta R.T.: 0.002 min  
Response: 2630880  
Conc: 0.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



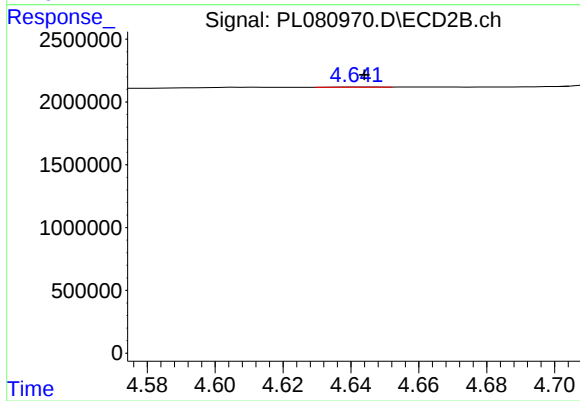
#7 delta-BHC

R.T.: 4.066 min  
Delta R.T.: 0.020 min  
Response: 319474  
Conc: 0.11 ng/ml



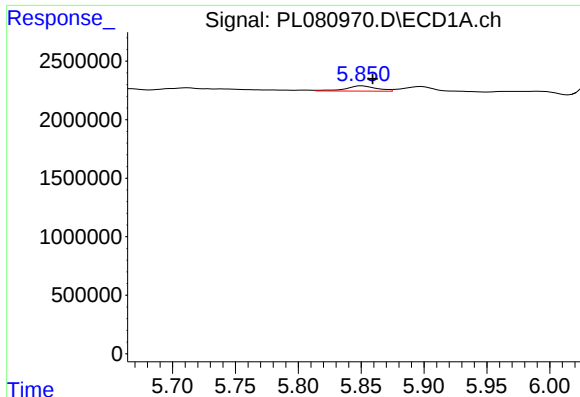
#8 Heptachlor epoxide

R.T.: 5.476 min  
Delta R.T.: 0.000 min  
Response: 6005198  
Conc: 2.32 ng/ml



#8 Heptachlor epoxide

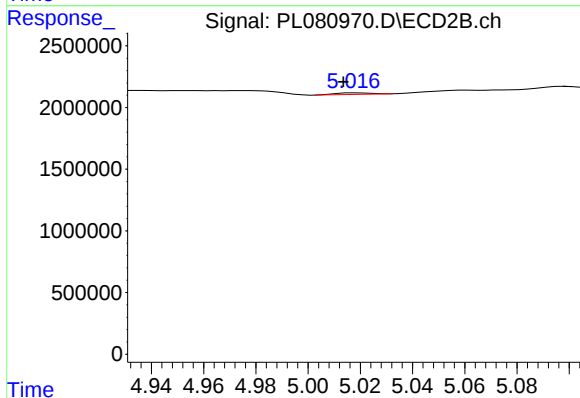
R.T.: 4.642 min  
Delta R.T.: -0.002 min  
Response: 17150  
Conc: 0.01 ng/ml



#9 Endosulfan I

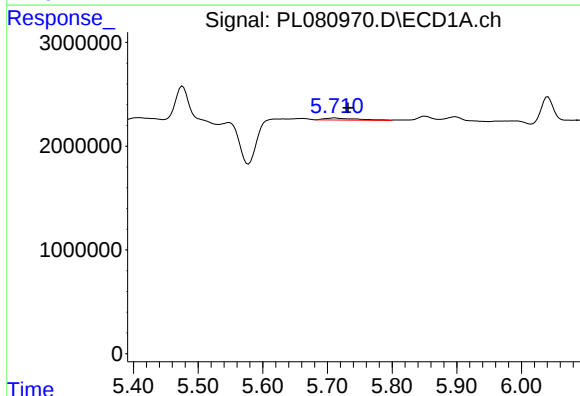
R.T.: 5.851 min  
Delta R.T.: -0.008 min  
Response: 773626  
Conc: 0.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



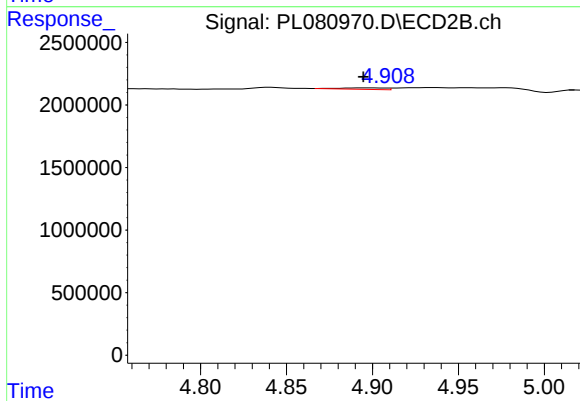
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: 0.004 min  
Response: 119595  
Conc: 0.05 ng/ml



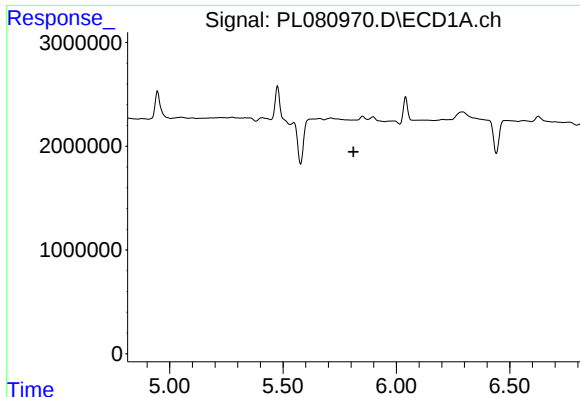
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.020 min  
Response: 677132  
Conc: 0.27 ng/ml



#10 gamma-Chlordane

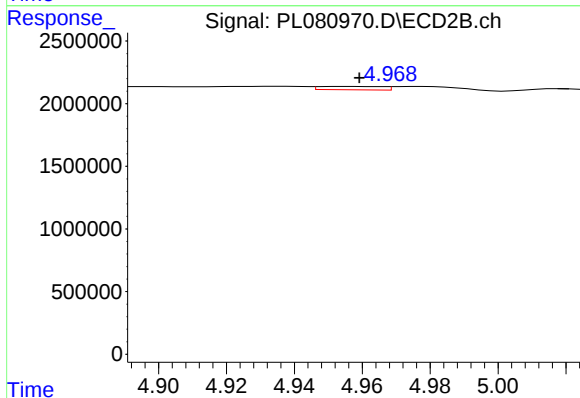
R.T.: 4.900 min  
Delta R.T.: 0.005 min  
Response: 213468  
Conc: 0.08 ng/ml



#11 alpha-Chlordane

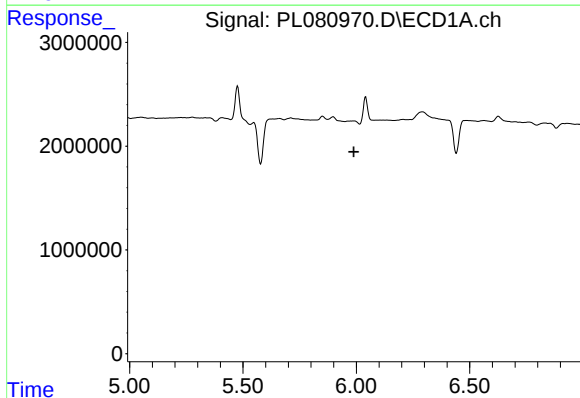
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



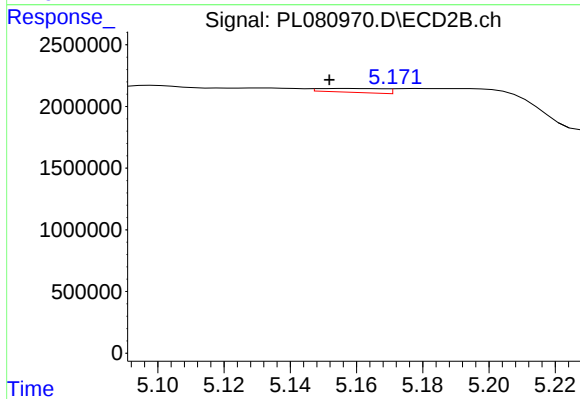
#11 alpha-Chlordane

R.T.: 4.954 min  
Delta R.T.: -0.005 min  
Response: 353968  
Conc: 0.12 ng/ml



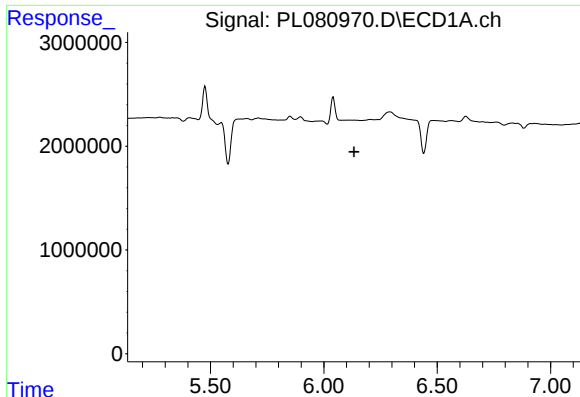
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

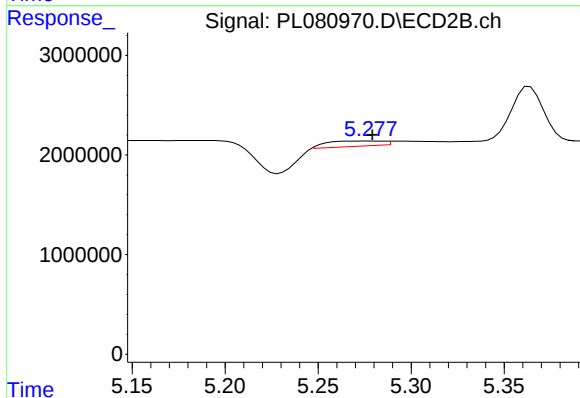
R.T.: 5.158 min  
Delta R.T.: 0.006 min  
Response: 427622  
Conc: 0.18 ng/ml



#13 Dieldrin

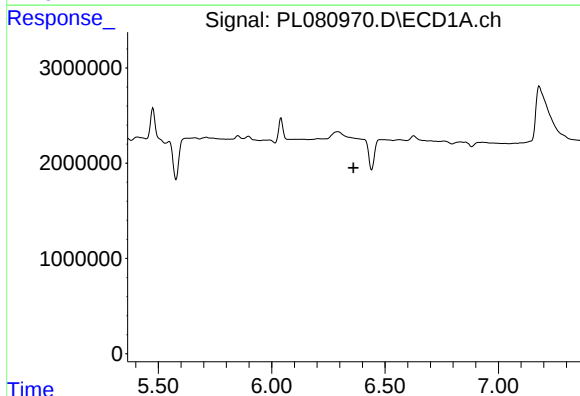
R.T.: 0.000 min  
Exp R.T. : 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



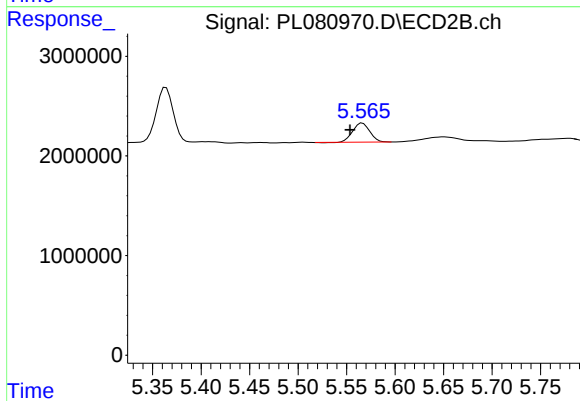
#13 Dieldrin

R.T.: 5.278 min  
Delta R.T.: 0.000 min  
Response: 1124280  
Conc: 0.42 ng/ml



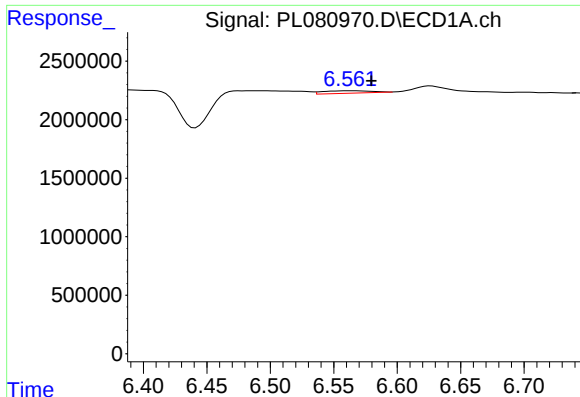
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.361 min  
Response: 0  
Conc: N.D.



#14 Endrin

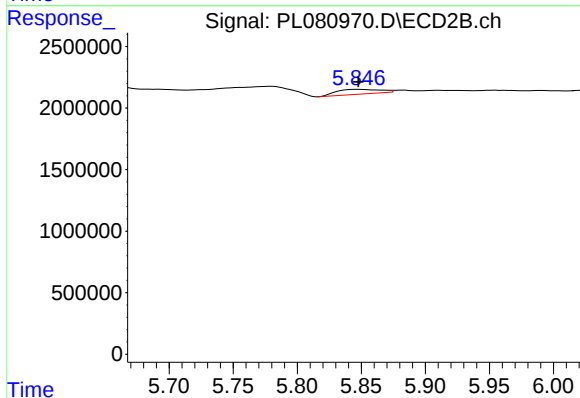
R.T.: 5.566 min  
Delta R.T.: 0.013 min  
Response: 2342572  
Conc: 1.01 ng/ml



#15 Endosulfan II

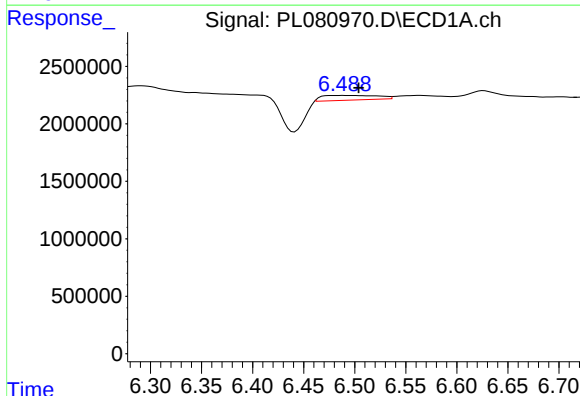
R.T.: 6.564 min  
Delta R.T.: -0.016 min  
Response: 535018  
Conc: 0.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



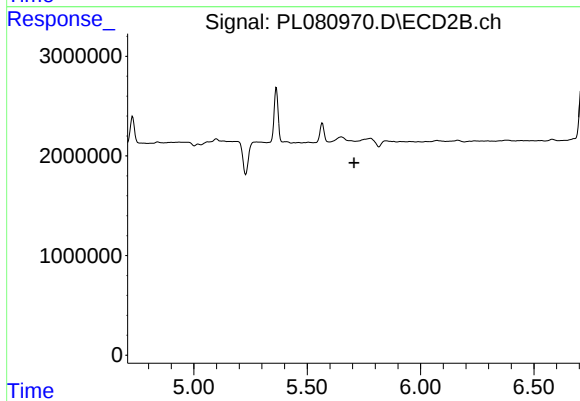
#15 Endosulfan II

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 895636  
Conc: 0.43 ng/ml



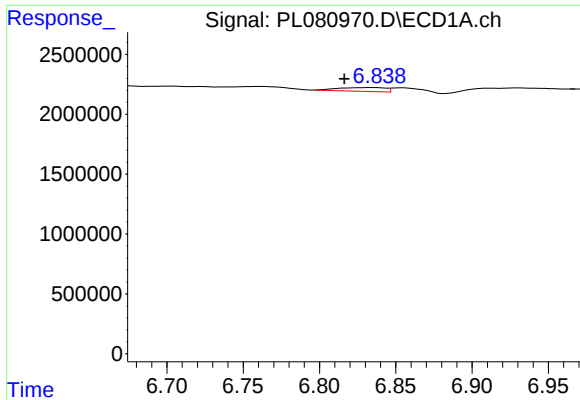
#16 4,4'-DDD

R.T.: 6.489 min  
Delta R.T.: -0.015 min  
Response: 1544202  
Conc: 0.84 ng/ml



#16 4,4'-DDD

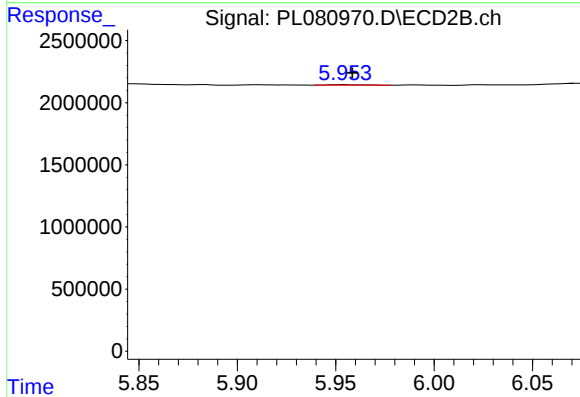
R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

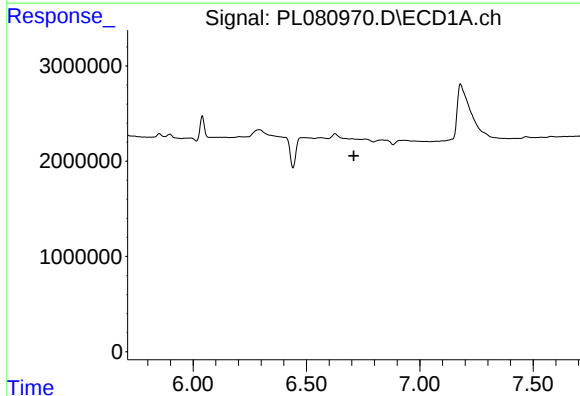
R.T.: 6.834 min  
Delta R.T.: 0.018 min  
Response: 693136  
Conc: 0.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



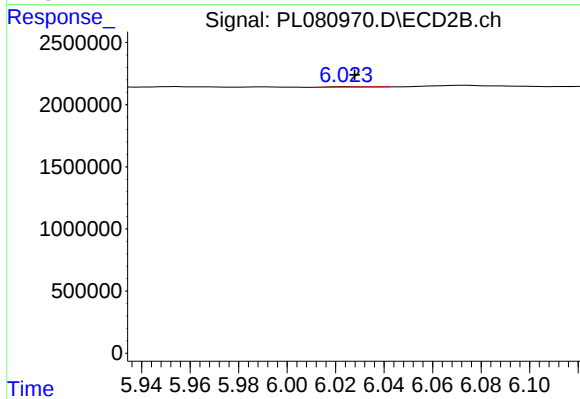
#17 4,4'-DDT

R.T.: 5.954 min  
Delta R.T.: -0.004 min  
Response: 60278  
Conc: 0.03 ng/ml



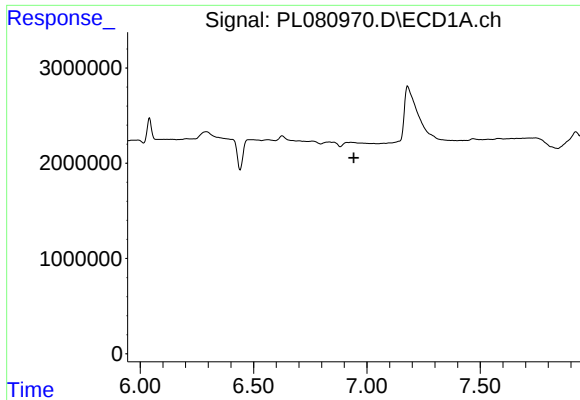
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.709 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

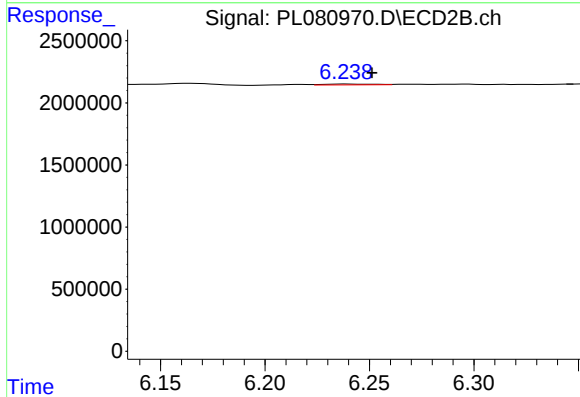
R.T.: 6.024 min  
Delta R.T.: -0.003 min  
Response: 33073  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

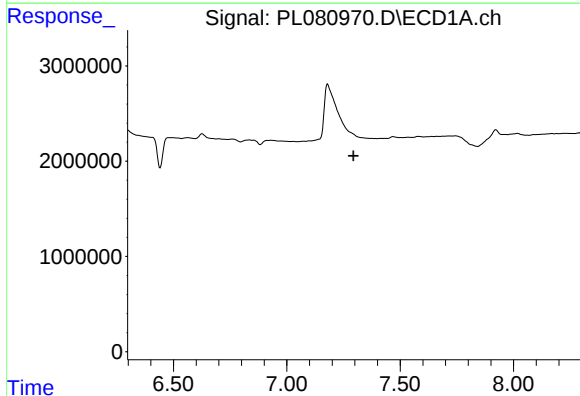
R.T.: 0.000 min  
Exp R.T. : 6.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



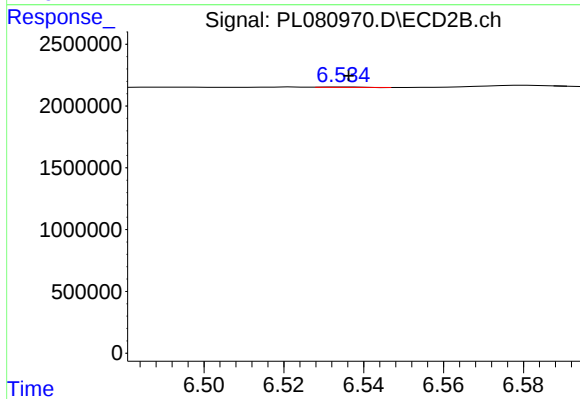
#19 Endosulfan Sulfate

R.T.: 6.239 min  
Delta R.T.: -0.012 min  
Response: 121534  
Conc: 0.05 ng/ml



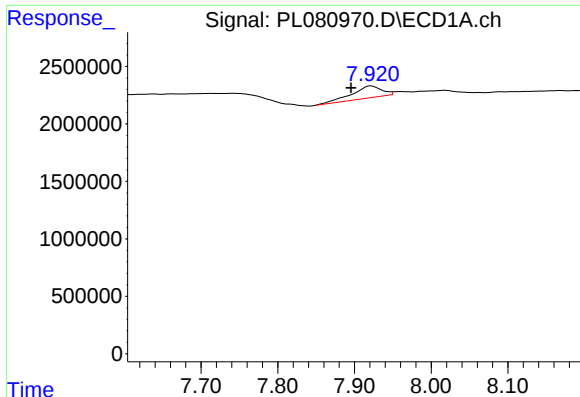
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.294 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

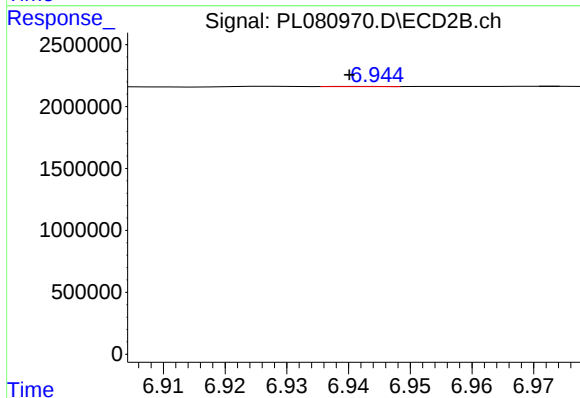
R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 26120  
Conc: 0.02 ng/ml



#22 Mirex

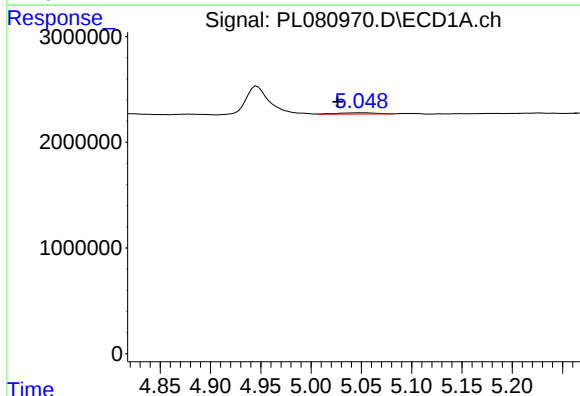
R.T.: 7.922 min  
Delta R.T.: 0.026 min  
Response: 2800217  
Conc: 1.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



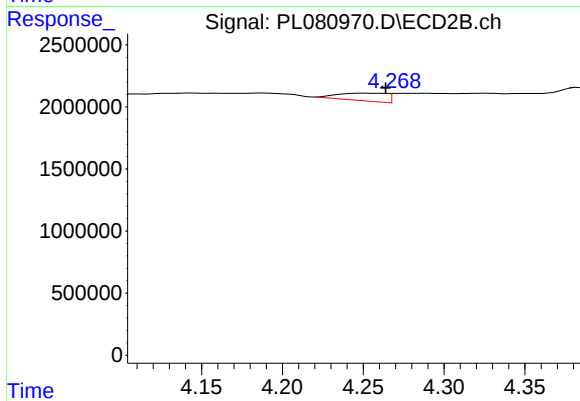
#22 Mirex

R.T.: 6.942 min  
Delta R.T.: 0.002 min  
Response: 4838  
Conc: 0.00 ng/ml



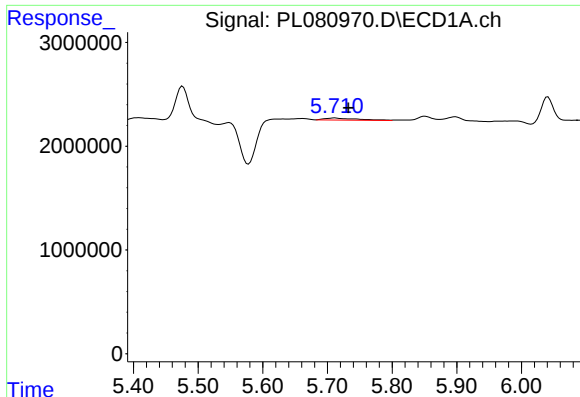
#24 Chlordane-2

R.T.: 5.049 min  
Delta R.T.: 0.023 min  
Response: 334251  
Conc: 3.47 ng/ml



#24 Chlordane-2

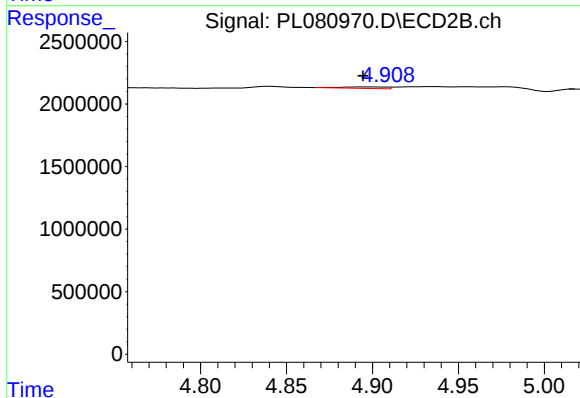
R.T.: 4.251 min  
Delta R.T.: -0.013 min  
Response: 1305782  
Conc: 14.48 ng/ml



#25 Chlordane-3

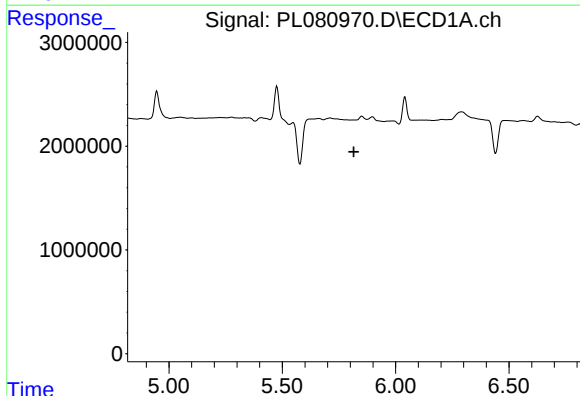
R.T.: 5.712 min  
Delta R.T.: -0.020 min  
Response: 677132  
Conc: 2.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



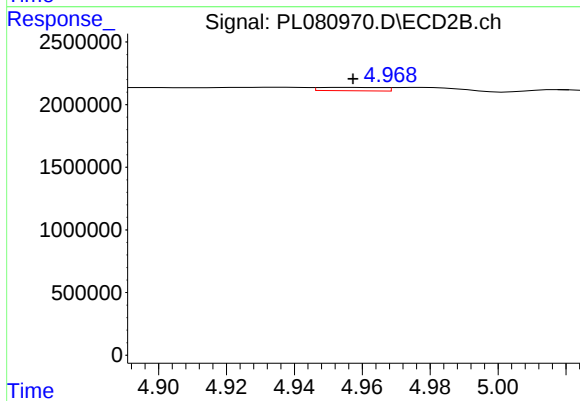
#25 Chlordane-3

R.T.: 4.900 min  
Delta R.T.: 0.005 min  
Response: 213468  
Conc: 0.81 ng/ml



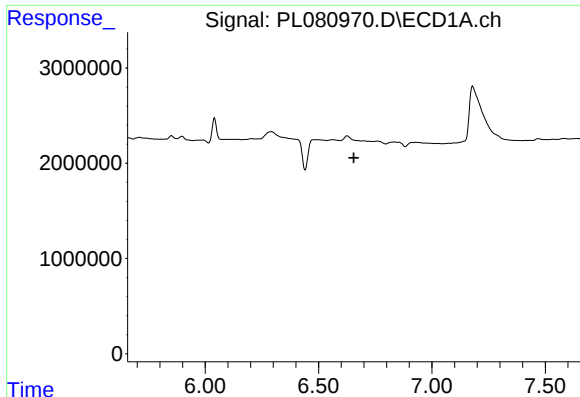
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.815 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

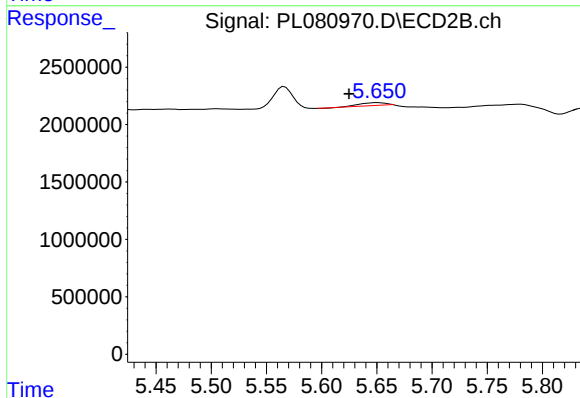
R.T.: 4.954 min  
Delta R.T.: -0.003 min  
Response: 353968  
Conc: 1.31 ng/ml



#27 Chlordane-5

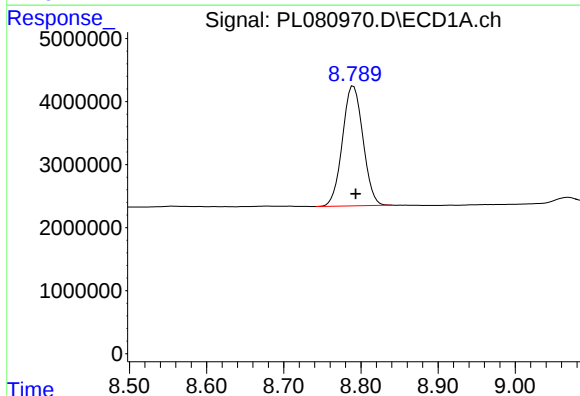
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



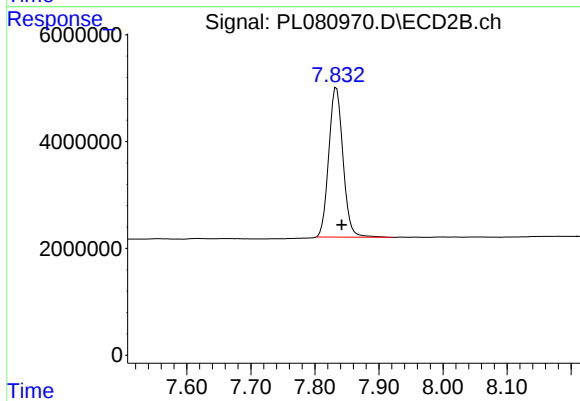
#27 Chlordane-5

R.T.: 5.651 min  
Delta R.T.: 0.026 min  
Response: 410453  
Conc: 5.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.790 min  
Delta R.T.: -0.003 min  
Response: 35143340  
Conc: 20.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min  
Delta R.T.: -0.008 min  
Response: 43163592  
Conc: 18.12 ng/ml