

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080904.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 10:52  
 Operator : AR\AJ  
 Sample : 01529-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 20:27:54 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... | 3.351  | 2.688  | 43443171 | 36481547 | 20.255  | 16.609   |
| 2)                          | SA Decachlor... | 8.788  | 7.829  | 11896298 | 4527541  | 6.795   | 1.900 #  |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.182  | 0        | 262259   | N.D.    | 0.082 #  |
| 3)                          | MA gamma-BHC... | 4.100f | 3.521  | -557697  | 2966641  | N.D.    | 0.993    |
| 4)                          | MA Heptachlor   | 4.697f | 3.878f | 8230013  | 220818   | 2.785   | 0.069 #  |
| 5)                          | MB Aldrin       | 5.078f | 4.149  | 3302072  | 1549301  | 1.207   | 0.525 #  |
| 6)                          | B beta-BHC      | 4.340  | 3.839f | -81131   | 950852   | N.D.    | 0.712    |
| 7)                          | B delta-BHC     | 4.593f | 4.052  | 5234350  | 11092093 | 1.808   | 3.845 #  |
| 8)                          | Heptachlo...    | 5.499f | 0.000  | 2670342  | 0        | 1.032   | N.D. #   |
| 9)                          | A Endosulfan I  | 5.844  | 5.032f | 2941862  | 10197479 | 1.246   | 3.920 #  |
| 10)                         | B gamma-Chl...  | 5.734  | 4.921f | 11277953 | 1617185  | 4.465   | 0.571 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.942f | 0        | 5543801  | N.D.    | 1.935 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.156  | 0        | 141410   | N.D.    | 0.060 #  |
| 13)                         | MA Dieldrin     | 6.142  | 5.278  | 6332527  | 7236319  | 2.646   | 2.675    |
| 14)                         | MA Endrin       | 6.372  | 5.581f | 38694655 | 5520150  | 17.892  | 2.378 #  |
| 15)                         | B Endosulfa...  | 6.607f | 0.000  | 14325171 | 0        | 6.249   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.479f | 0.000  | 3967715  | 0        | 2.166   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.832f | 5.978f | 1010984  | 25670268 | 0.487   | 12.215 # |
| 20)                         | A Methoxychlor  | 7.308  | 6.548  | 64098174 | 16070490 | 58.097  | 13.243 # |
| 21)                         | B Endrin ke...  | 7.410  | 6.753  | 5468929  | 371579   | 2.479   | 0.146 #  |
| 23)                         | Chlordane-1     | 4.480f | 3.688  | 295485   | 2018790  | 3.469   | 24.793 # |
| 24)                         | Chlordane-2     | 5.014  | 0.000  | 12842661 | 0        | 133.154 | N.D. #   |
| 25)                         | Chlordane-3     | 5.734  | 4.921f | 11277953 | 1617185  | 33.375  | 6.132 #  |
| 26)                         | Chlordane-4     | 5.844f | 4.942f | 2941862  | 5543801  | 6.819   | 20.586 # |
| 27)                         | Chlordane-5     | 6.655  | 5.623  | 18157356 | 2728872  | 257.801 | 38.351 # |
| -----                       |                 |        |        |          |          |         |          |

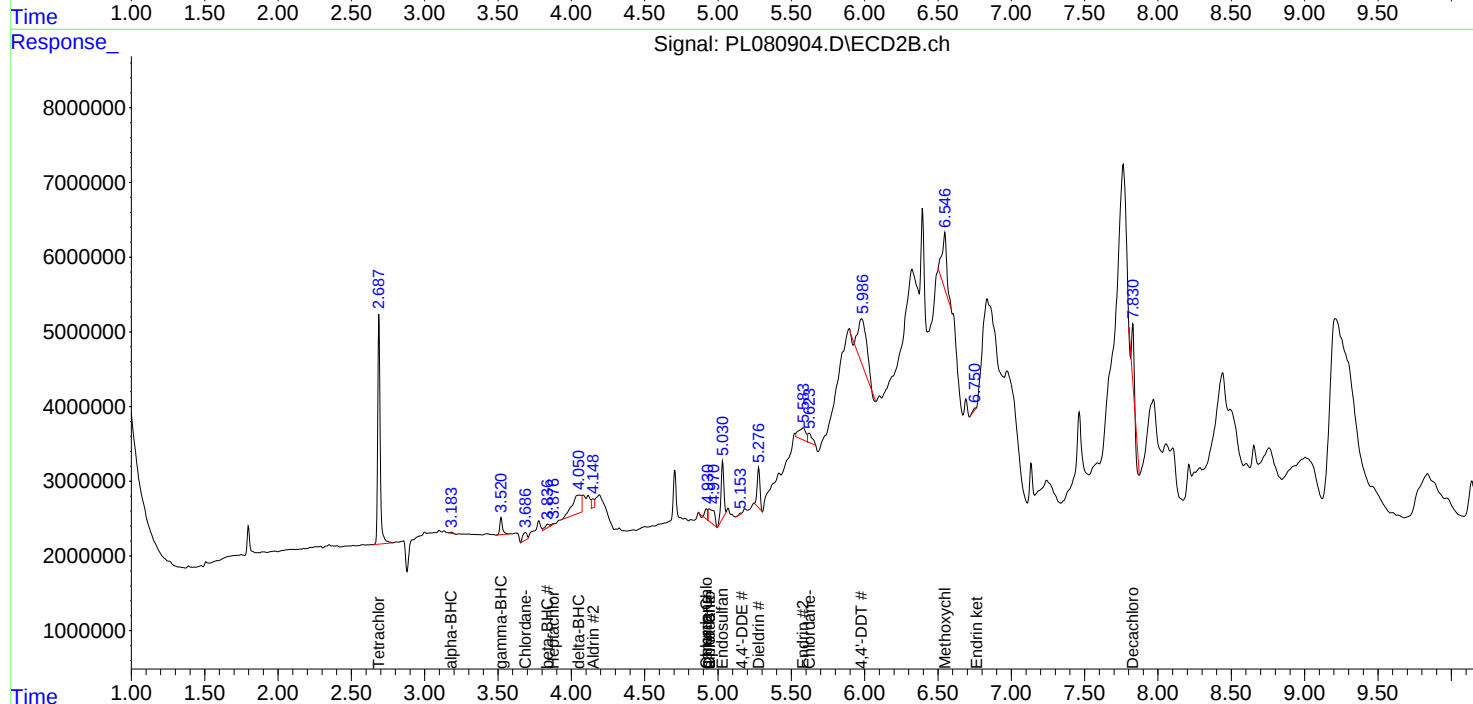
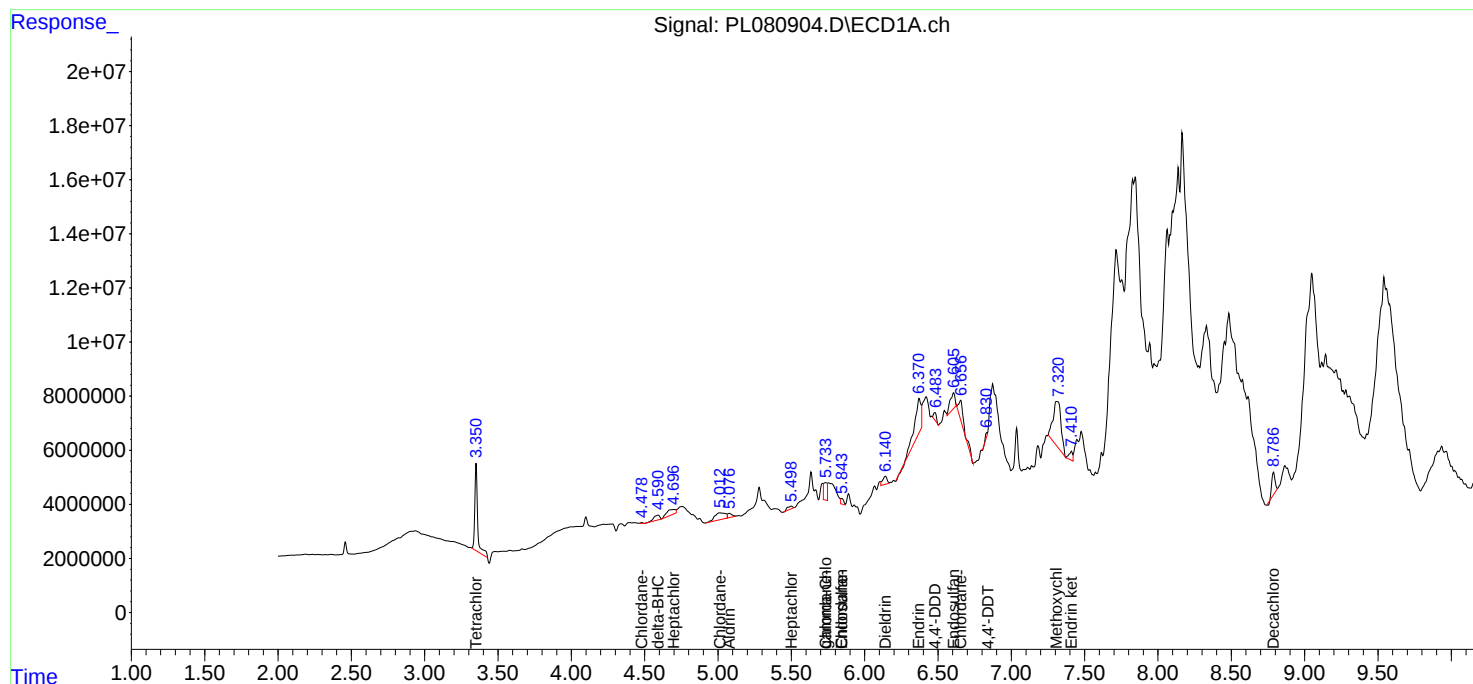
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

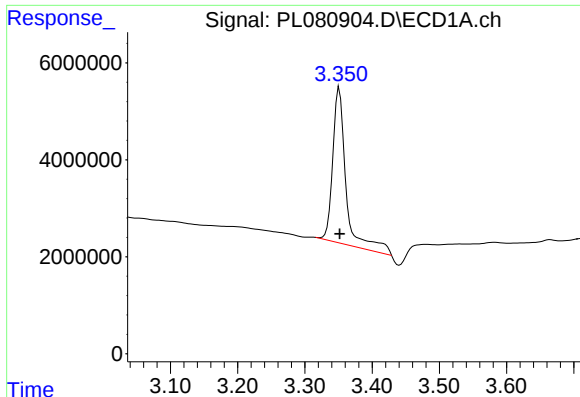
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080904.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2023 10:52  
Operator : AR\AJ  
Sample : 01529-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:27:54 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

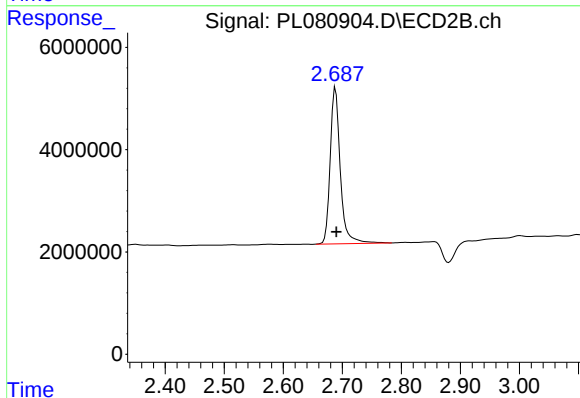




#1 Tetrachloro-m-xylene

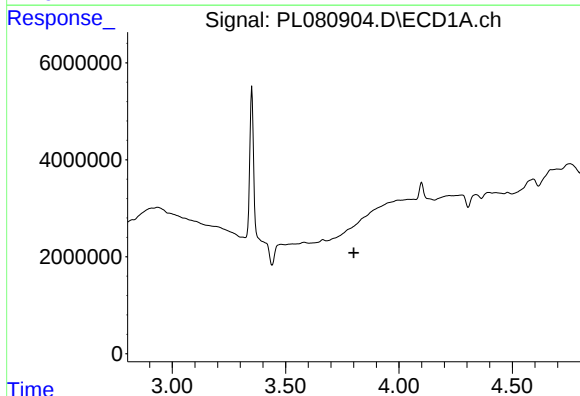
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 43443171  
Conc: 20.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



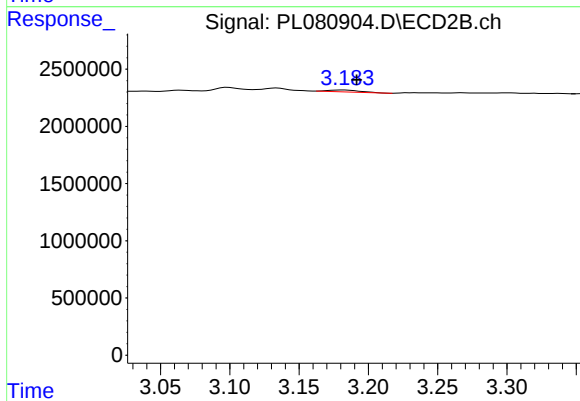
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.001 min  
Response: 36481547  
Conc: 16.61 ng/ml



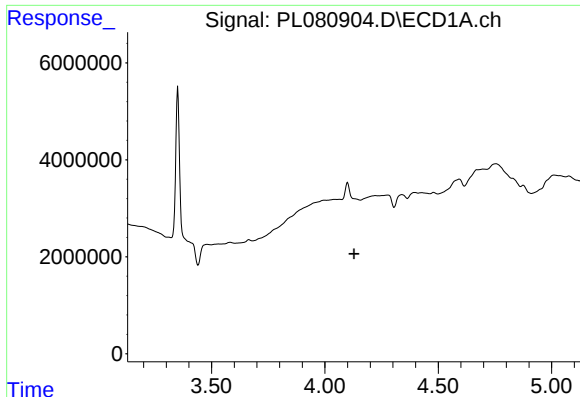
#2 alpha-BHC

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



#2 alpha-BHC

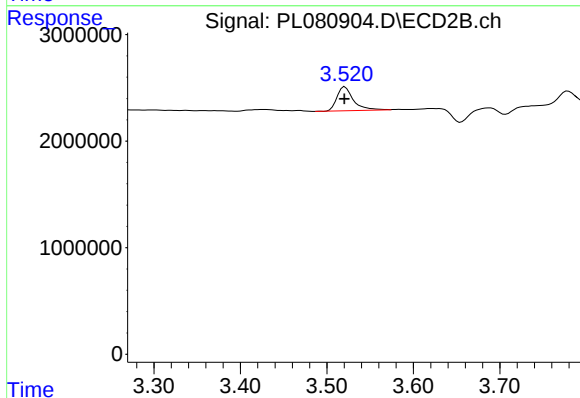
R.T.: 3.182 min  
Delta R.T.: -0.010 min  
Response: 262259  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

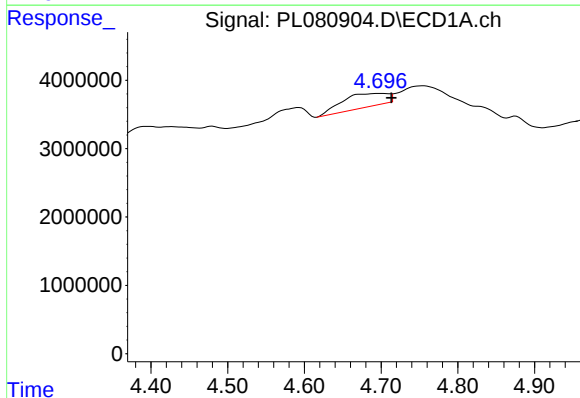
R.T.: 4.100 min  
Delta R.T.: -0.029 min  
Response: -557697  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



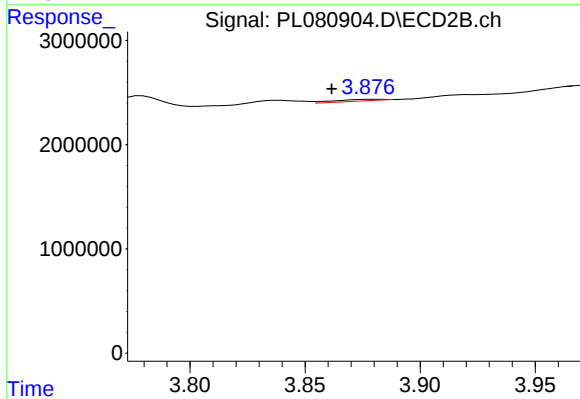
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: 0.000 min  
Response: 2966641  
Conc: 0.99 ng/ml



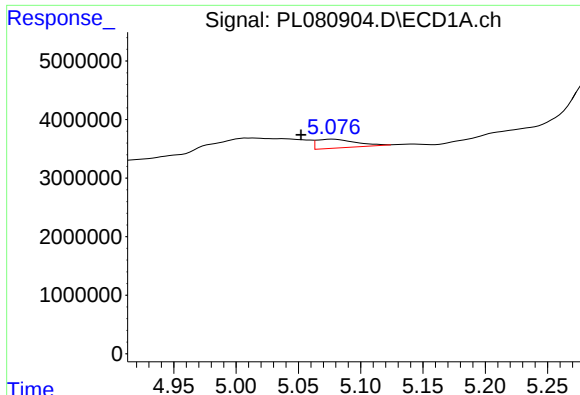
#4 Heptachlor

R.T.: 4.697 min  
Delta R.T.: -0.016 min  
Response: 8230013  
Conc: 2.78 ng/ml



#4 Heptachlor

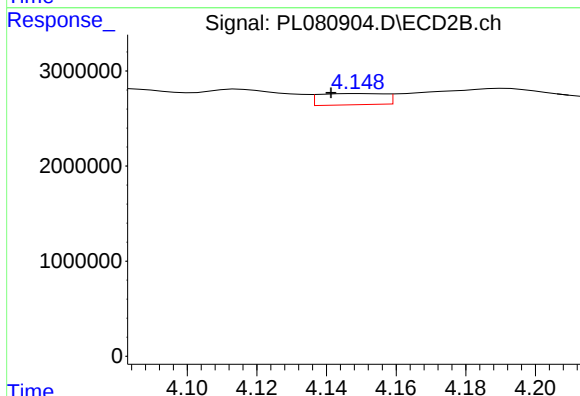
R.T.: 3.878 min  
Delta R.T.: 0.017 min  
Response: 220818  
Conc: 0.07 ng/ml



#5 Aldrin

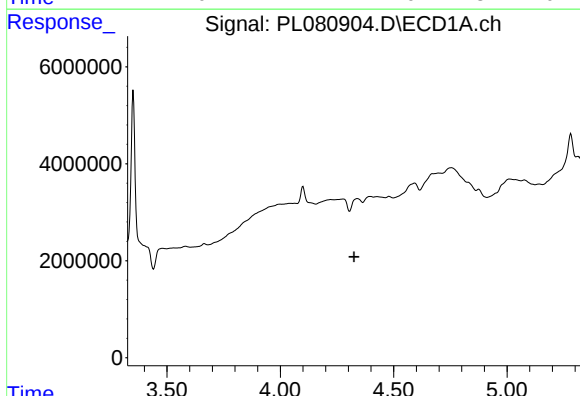
R.T.: 5.078 min  
Delta R.T.: 0.025 min  
Response: 3302072  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



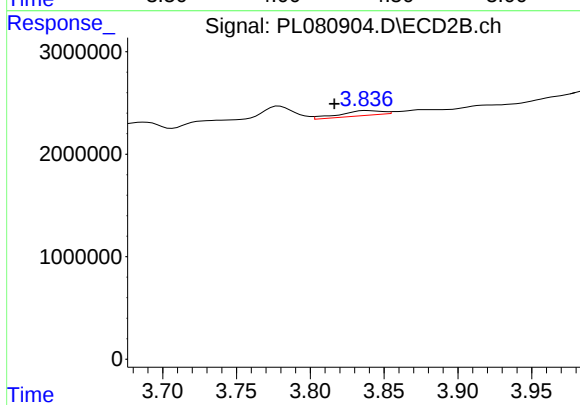
#5 Aldrin

R.T.: 4.149 min  
Delta R.T.: 0.008 min  
Response: 1549301  
Conc: 0.53 ng/ml



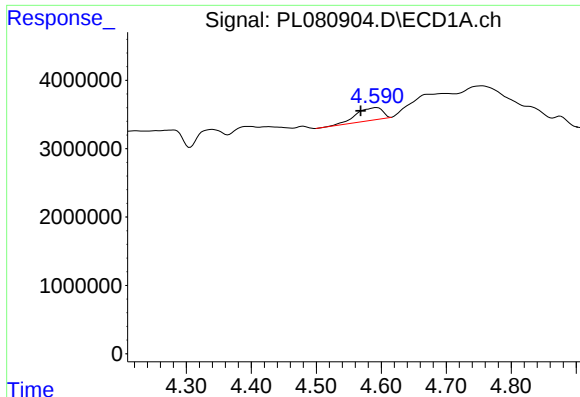
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.015 min  
Response: -81131  
Conc: N.D.



#6 beta-BHC

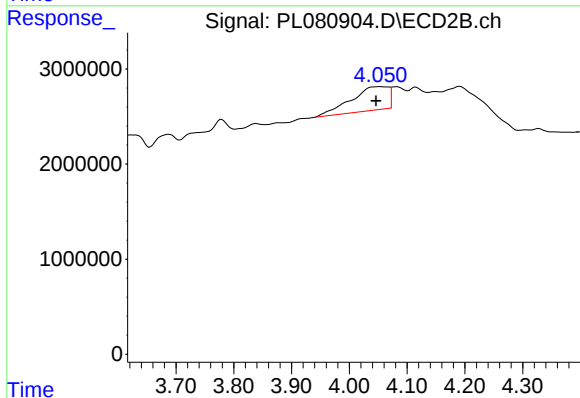
R.T.: 3.839 min  
Delta R.T.: 0.022 min  
Response: 950852  
Conc: 0.71 ng/ml



#7 delta-BHC

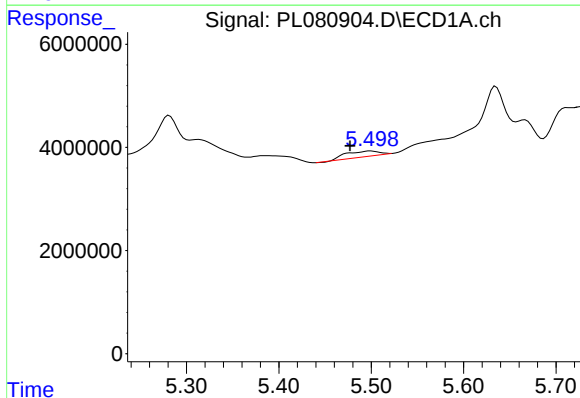
R.T.: 4.593 min  
Delta R.T.: 0.024 min  
Response: 5234350  
Conc: 1.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



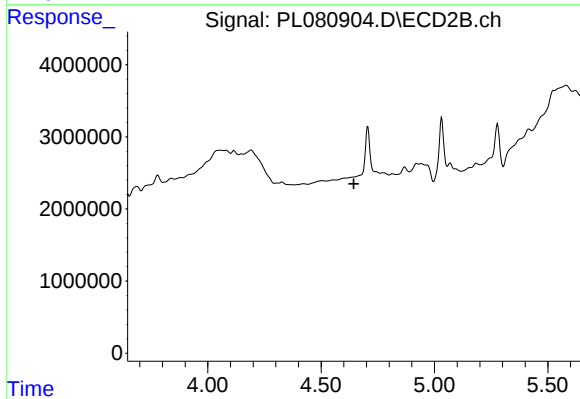
#7 delta-BHC

R.T.: 4.052 min  
Delta R.T.: 0.006 min  
Response: 11092093  
Conc: 3.85 ng/ml



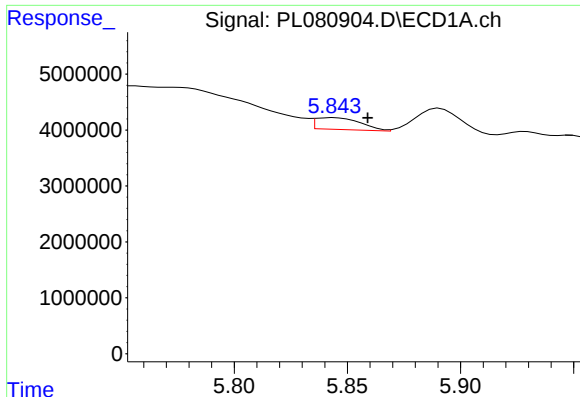
#8 Heptachlor epoxide

R.T.: 5.499 min  
Delta R.T.: 0.022 min  
Response: 2670342  
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

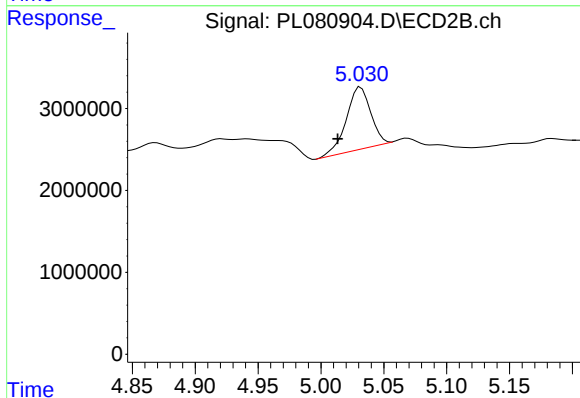
R.T.: 0.000 min  
Exp R.T. : 4.644 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

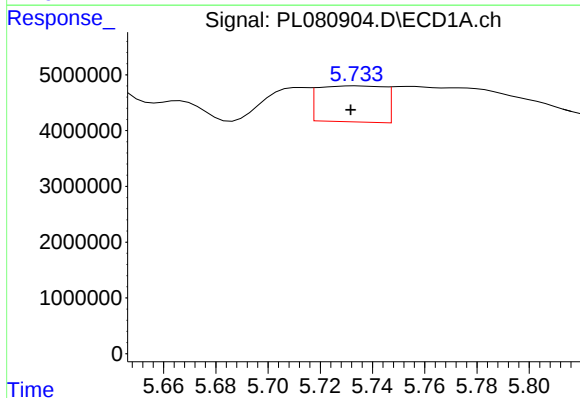
R.T.: 5.844 min  
Delta R.T.: -0.015 min  
Response: 2941862  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



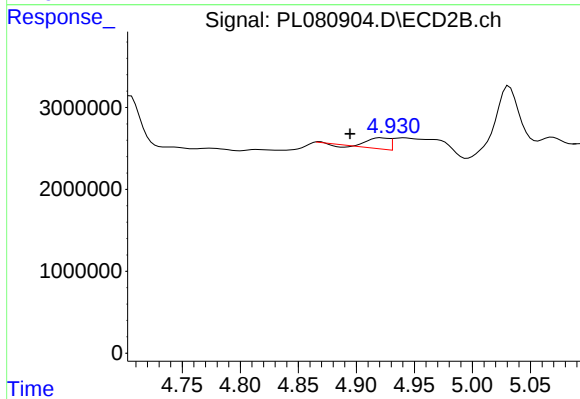
#9 Endosulfan I

R.T.: 5.032 min  
Delta R.T.: 0.018 min  
Response: 10197479  
Conc: 3.92 ng/ml



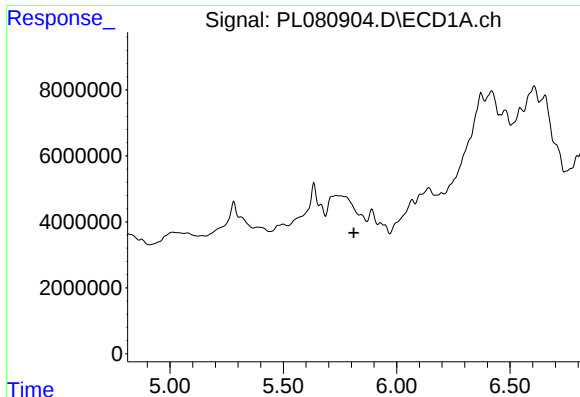
#10 gamma-Chlordane

R.T.: 5.734 min  
Delta R.T.: 0.002 min  
Response: 11277953  
Conc: 4.47 ng/ml



#10 gamma-Chlordane

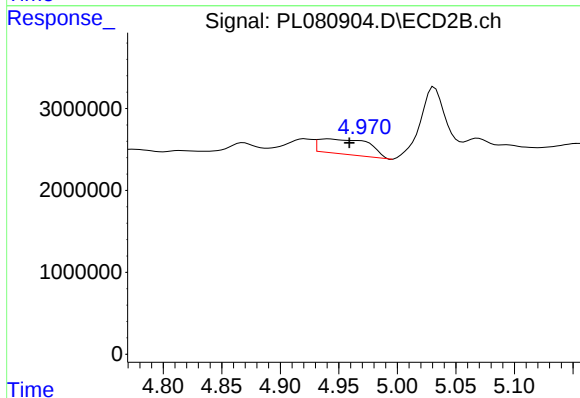
R.T.: 4.921 min  
Delta R.T.: 0.026 min  
Response: 1617185  
Conc: 0.57 ng/ml



#11 alpha-Chlordane

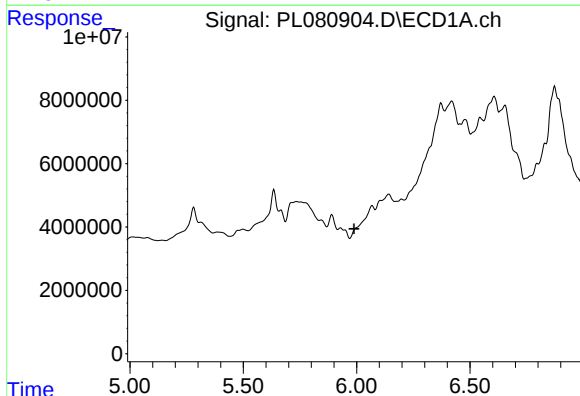
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



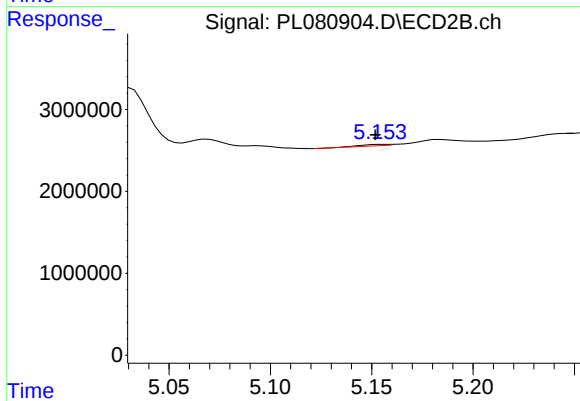
#11 alpha-Chlordane

R.T.: 4.942 min  
Delta R.T.: -0.017 min  
Response: 5543801  
Conc: 1.94 ng/ml



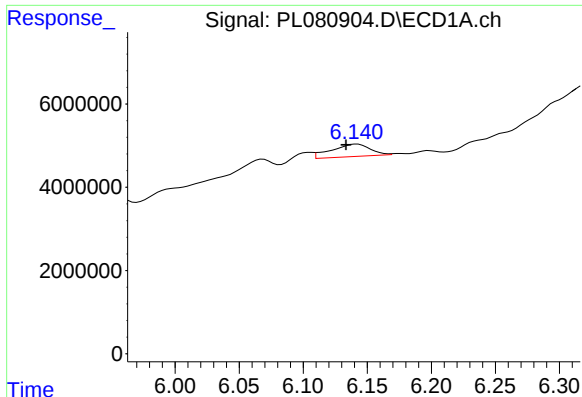
#12 4,4'-DDE

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



#12 4,4'-DDE

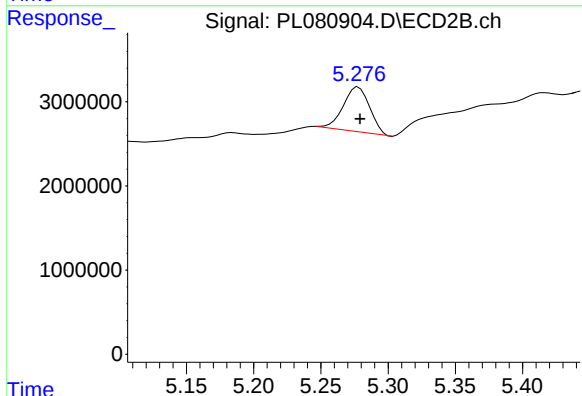
R.T.: 5.156 min  
Delta R.T.: 0.004 min  
Response: 141410  
Conc: 0.06 ng/ml



#13 Dieldrin

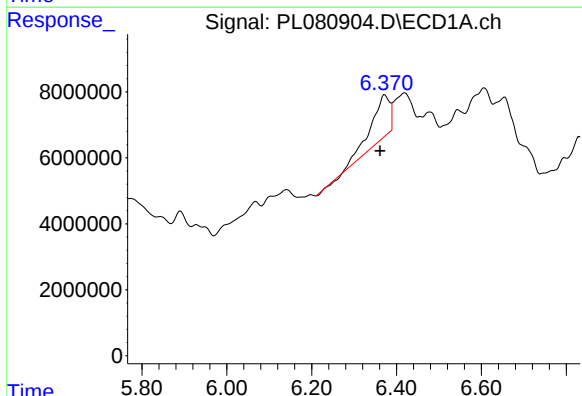
R.T.: 6.142 min  
Delta R.T.: 0.008 min  
Response: 6332527  
Conc: 2.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



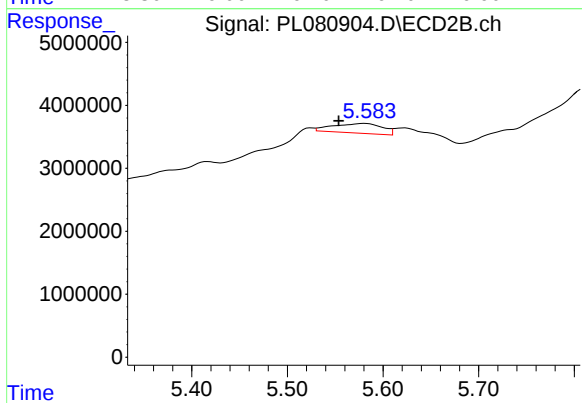
#13 Dieldrin

R.T.: 5.278 min  
Delta R.T.: -0.001 min  
Response: 7236319  
Conc: 2.68 ng/ml



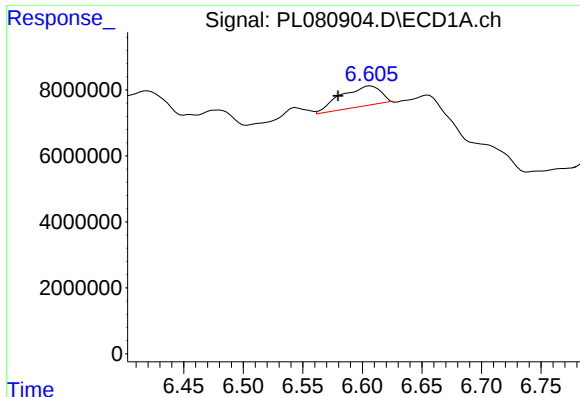
#14 Endrin

R.T.: 6.372 min  
Delta R.T.: 0.011 min  
Response: 38694655  
Conc: 17.89 ng/ml



#14 Endrin

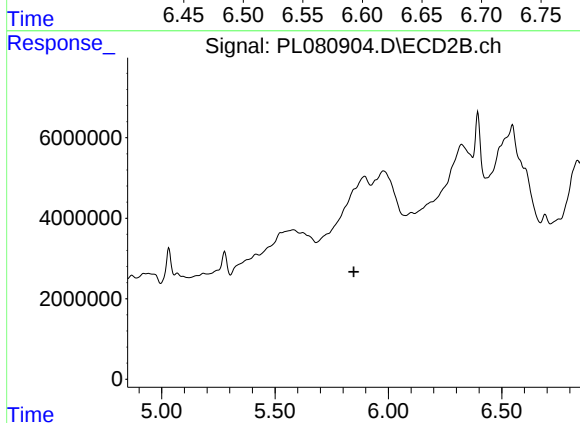
R.T.: 5.581 min  
Delta R.T.: 0.027 min  
Response: 5520150  
Conc: 2.38 ng/ml



#15 Endosulfan II

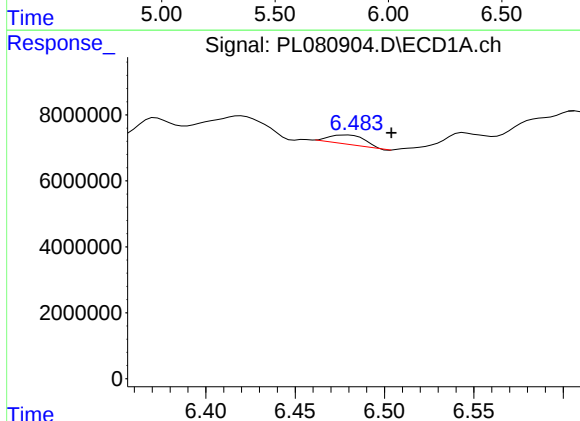
R.T.: 6.607 min  
Delta R.T.: 0.027 min  
Response: 14325171  
Conc: 6.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



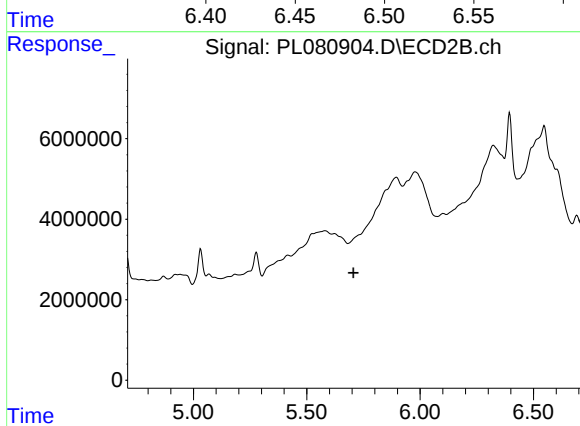
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.848 min  
Response: 0  
Conc: N.D.



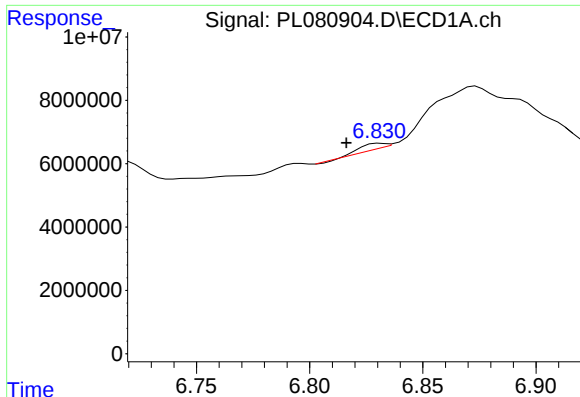
#16 4,4'-DDD

R.T.: 6.479 min  
Delta R.T.: -0.024 min  
Response: 3967715  
Conc: 2.17 ng/ml



#16 4,4'-DDD

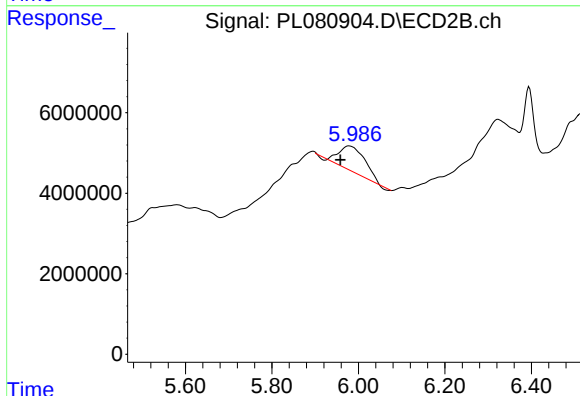
R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

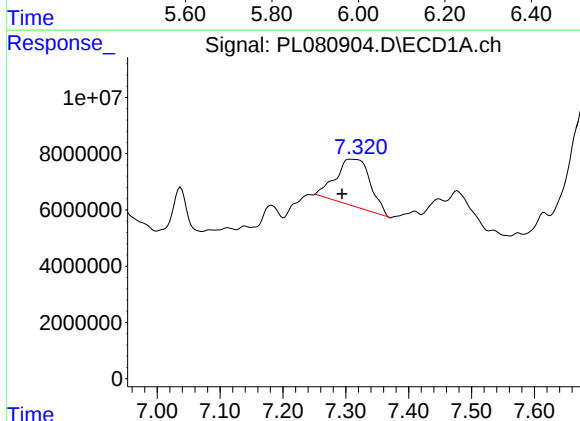
R.T.: 6.832 min  
Delta R.T.: 0.015 min  
Response: 1010984  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



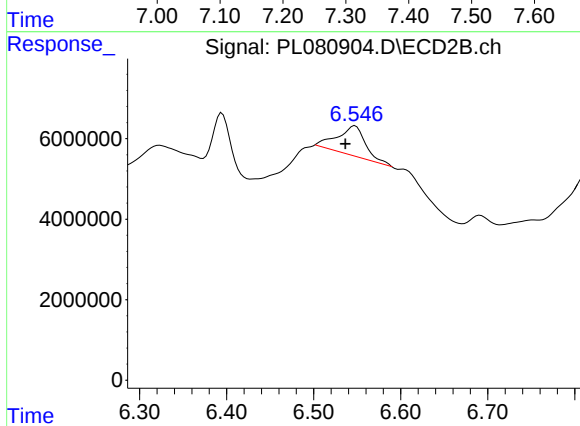
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: 0.020 min  
Response: 25670268  
Conc: 12.22 ng/ml



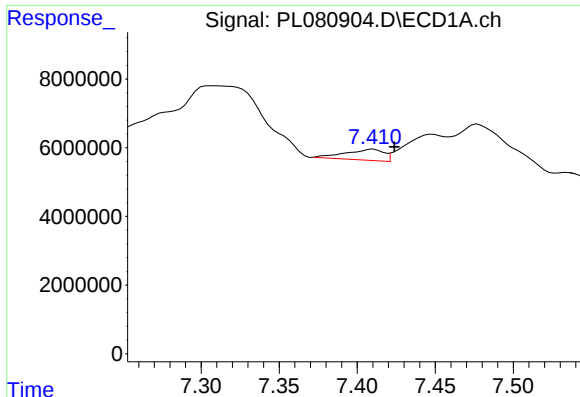
#20 Methoxychlor

R.T.: 7.308 min  
Delta R.T.: 0.013 min  
Response: 64098174  
Conc: 58.10 ng/ml



#20 Methoxychlor

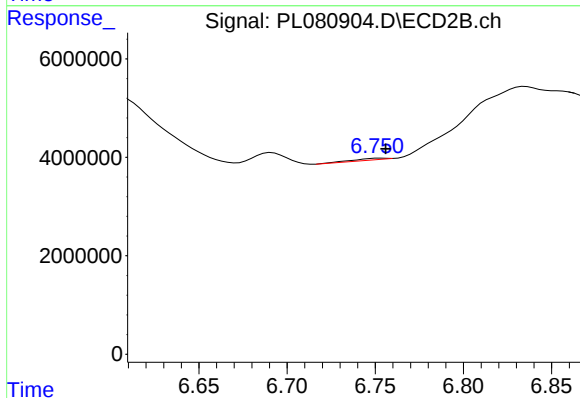
R.T.: 6.548 min  
Delta R.T.: 0.011 min  
Response: 16070490  
Conc: 13.24 ng/ml



#21 Endrin ketone

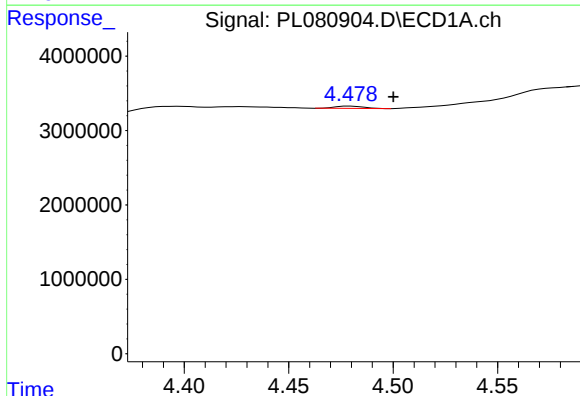
R.T.: 7.410 min  
Delta R.T.: -0.013 min  
Response: 5468929  
Conc: 2.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



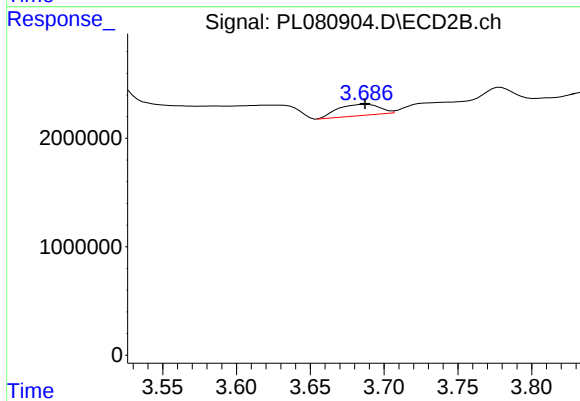
#21 Endrin ketone

R.T.: 6.753 min  
Delta R.T.: -0.003 min  
Response: 371579  
Conc: 0.15 ng/ml



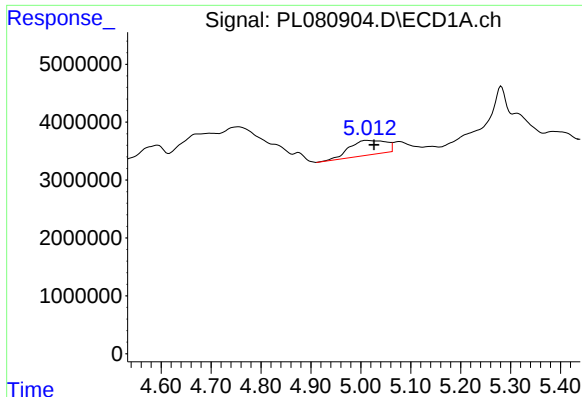
#23 Chlordane-1

R.T.: 4.480 min  
Delta R.T.: -0.020 min  
Response: 295485  
Conc: 3.47 ng/ml



#23 Chlordane-1

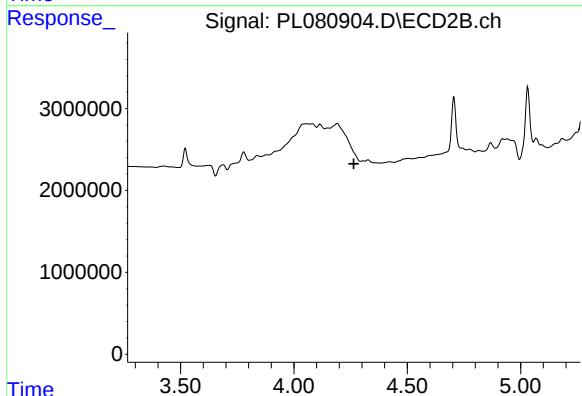
R.T.: 3.688 min  
Delta R.T.: 0.000 min  
Response: 2018790  
Conc: 24.79 ng/ml



#24 Chlordane-2

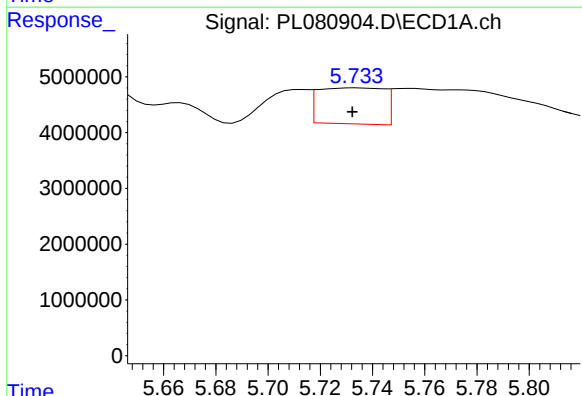
R.T.: 5.014 min  
Delta R.T.: -0.013 min  
Response: 12842661  
Conc: 133.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



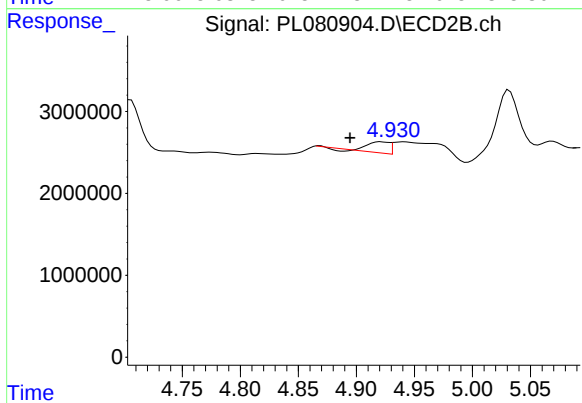
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.264 min  
Response: 0  
Conc: N.D.



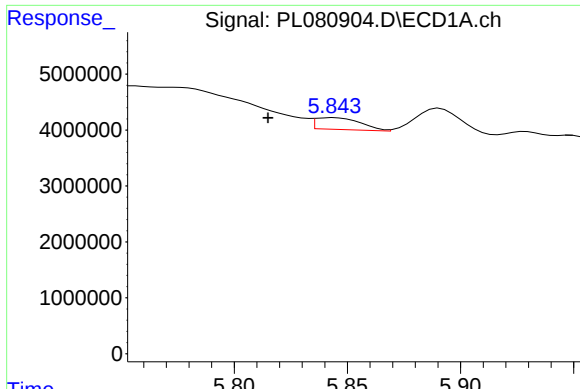
#25 Chlordane-3

R.T.: 5.734 min  
Delta R.T.: 0.001 min  
Response: 11277953  
Conc: 33.38 ng/ml



#25 Chlordane-3

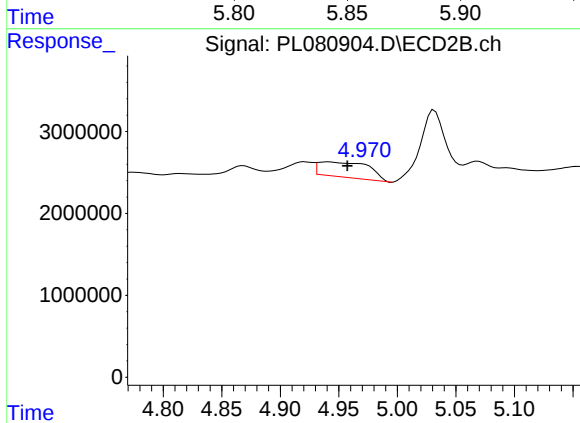
R.T.: 4.921 min  
Delta R.T.: 0.027 min  
Response: 1617185  
Conc: 6.13 ng/ml



#26 Chlordane-4

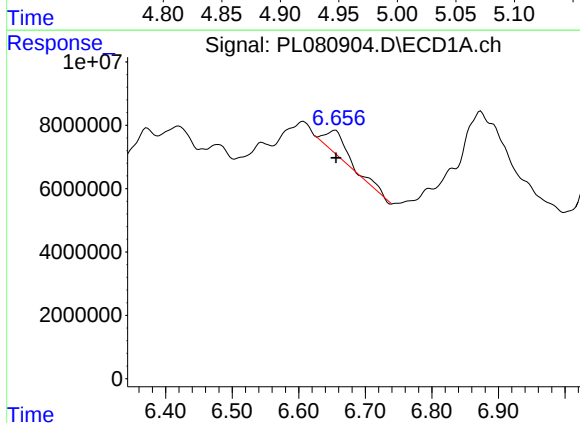
R.T.: 5.844 min  
Delta R.T.: 0.029 min  
Response: 2941862  
Conc: 6.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



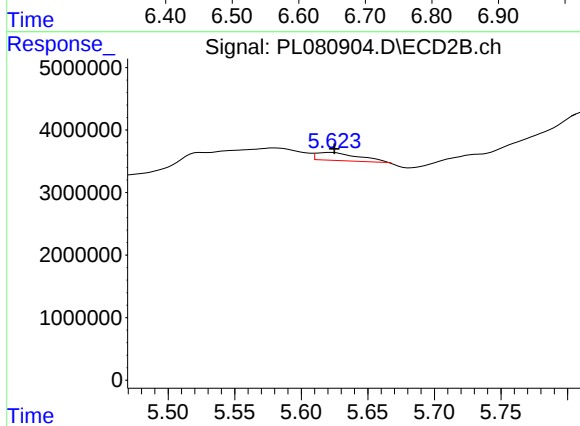
#26 Chlordane-4

R.T.: 4.942 min  
Delta R.T.: -0.016 min  
Response: 5543801  
Conc: 20.59 ng/ml



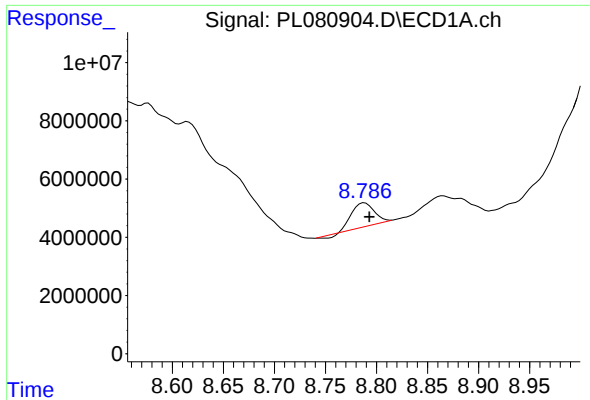
#27 Chlordane-5

R.T.: 6.655 min  
Delta R.T.: 0.000 min  
Response: 18157356  
Conc: 257.80 ng/ml



#27 Chlordane-5

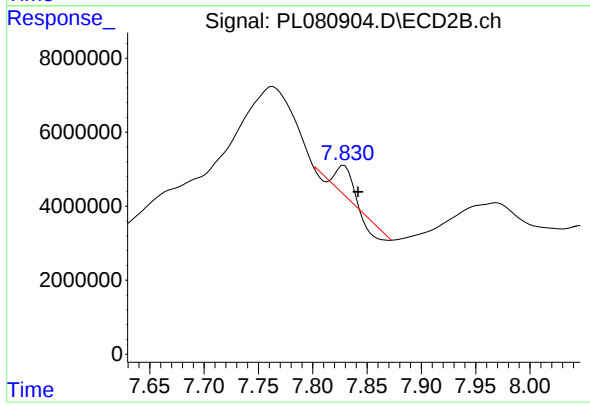
R.T.: 5.623 min  
Delta R.T.: -0.002 min  
Response: 2728872  
Conc: 38.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.005 min  
Response: 11896298  
Conc: 6.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.829 min  
Delta R.T.: -0.013 min  
Response: 4527541  
Conc: 1.90 ng/ml