

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012523\  
 Data File : PL080516.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2023 09:54  
 Operator : AR\AJ  
 Sample : PB150419BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 25 20:49:18 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... | 3.356  | 2.688  | 35010546 | 33032689 | 16.323 | 15.039    |
| 2)                          | SA Decachlor... | 8.791  | 7.836  | 31042456 | 38510523 | 17.731 | 16.164    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.197  | 0        | 65825    | N.D.   | 0.021 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.543f | 0        | 216378   | N.D.   | 0.072 #   |
| 4)                          | MA Heptachlor   | 4.697f | 0.000  | 187466   | 0        | 0.063  | N.D. #    |
| 5)                          | MB Aldrin       | 5.053  | 4.153  | 452637   | 7143652  | 0.165  | 2.422 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.823  | 0        | 285315   | N.D.   | 0.214 #   |
| 7)                          | B delta-BHC     | 4.575  | 4.046  | 1764929  | 1790348  | 0.610  | 0.621     |
| 8)                          | B Heptachlo...  | 5.479  | 0.000  | 43840174 | 0        | 16.946 | N.D. #    |
| 9)                          | A Endosulfan I  | 5.853  | 0.000  | 2003767  | 0        | 0.849  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.738  | 4.879f | 323565   | 309650   | 0.128  | 0.109     |
| 11)                         | B alpha-Chl...  | 0.000  | 4.940f | 0        | 3977527  | N.D.   | 1.388 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.181f | 0        | 1500946  | N.D.   | 0.636 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.302f | 0        | 6806620  | N.D.   | 2.516 #   |
| 14)                         | MA Endrin       | 0.000  | 5.567  | 0        | 4363826  | N.D.   | 1.880 #   |
| 15)                         | B Endosulfa...  | 6.565f | 5.848  | 1534109  | 379603   | 0.669  | 0.182 #   |
| 16)                         | A 4,4'-DDD      | 6.508  | 0.000  | 4424421  | 0        | 2.415  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.840f | 5.949  | 1144234  | 143045   | 0.551  | 0.068 #   |
| 19)                         | B Endosulfa...  | 6.933  | 6.259  | 270968   | 95982    | 0.131  | 0.041 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.535  | 0        | 153278   | N.D.   | 0.126 #   |
| 22)                         | Mirex           | 7.922f | 6.935  | 2563835  | -257806  | 1.491  | N.D. #    |
| 24)                         | Chlordane-2     | 5.034  | 4.287f | 305023   | 10692267 | 3.163  | 118.595 # |
| 25)                         | Chlordane-3     | 5.738  | 4.879f | 323565   | 309650   | 0.958  | 1.174     |
| 26)                         | Chlordane-4     | 0.000  | 4.940f | 0        | 3977527  | N.D.   | 14.770 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.654f | 0        | 564217   | N.D.   | 7.929 #   |
| -----                       |                 |        |        |          |          |        |           |

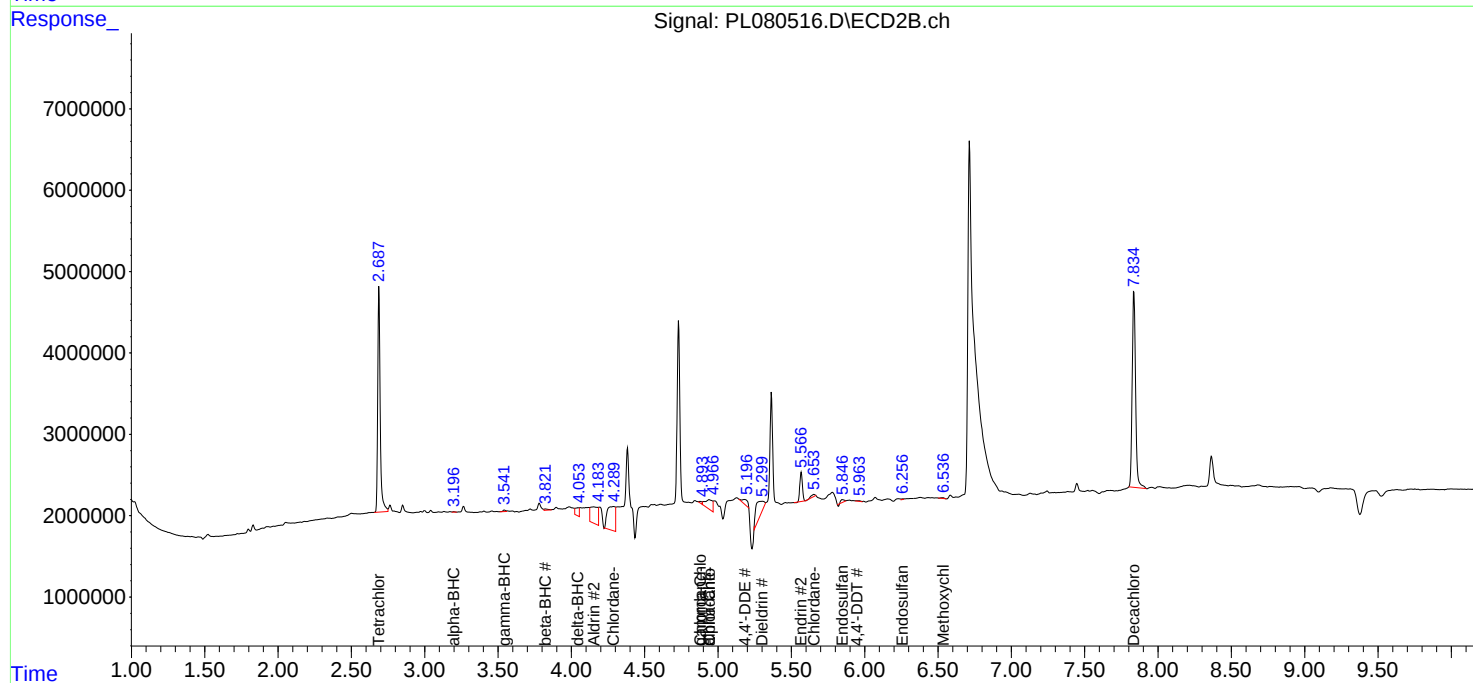
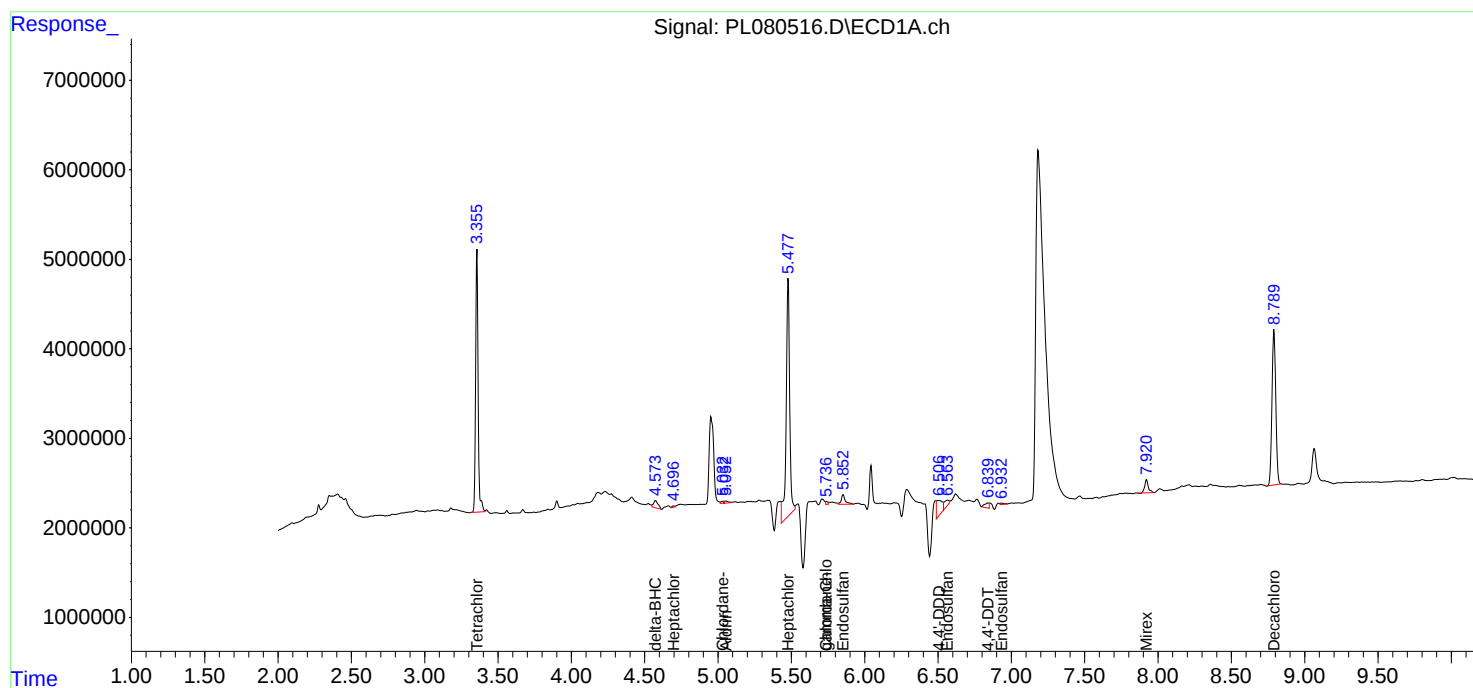
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

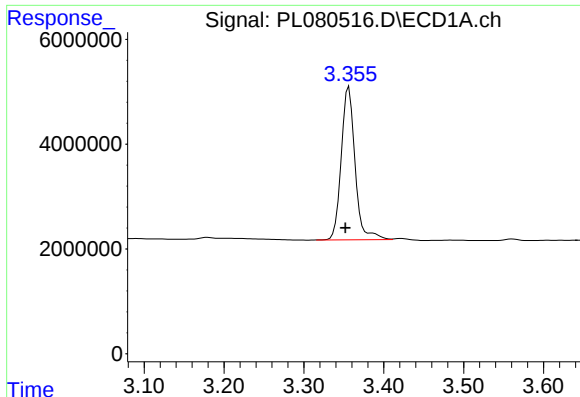
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012523\  
Data File : PL080516.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2023 09:54  
Operator : AR\AJ  
Sample : PB150419BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 25 20:49:18 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

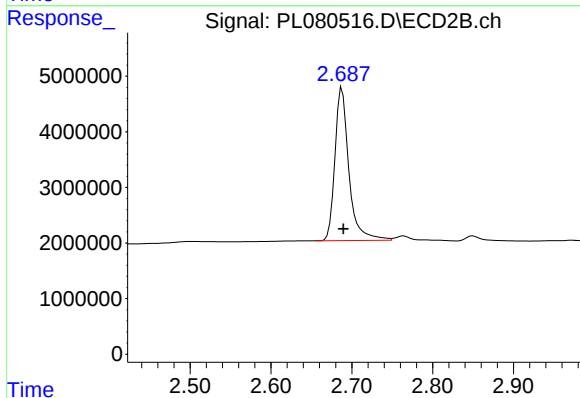




#1 Tetrachloro-m-xylene

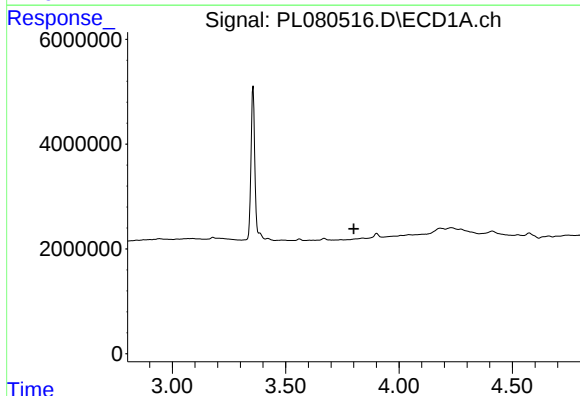
R.T.: 3.356 min  
Delta R.T.: 0.004 min  
Response: 35010546  
Conc: 16.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



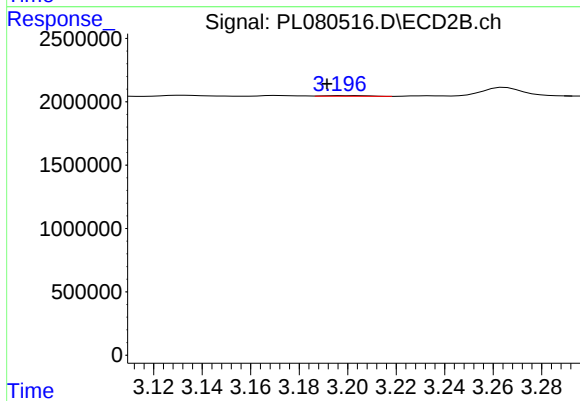
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.002 min  
Response: 33032689  
Conc: 15.04 ng/ml



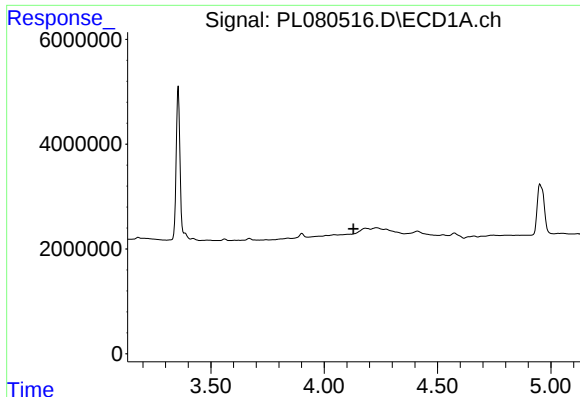
#2 alpha-BHC

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



#2 alpha-BHC

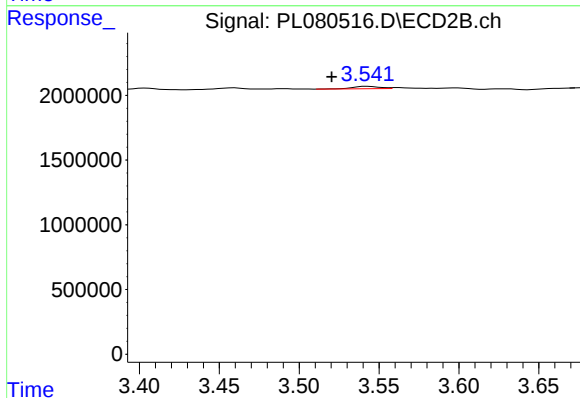
R.T.: 3.197 min  
Delta R.T.: 0.006 min  
Response: 65825  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

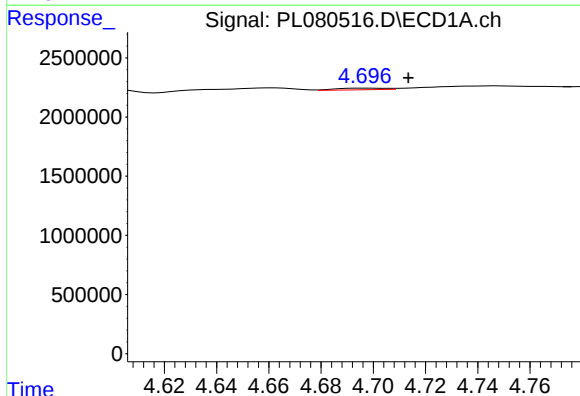
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



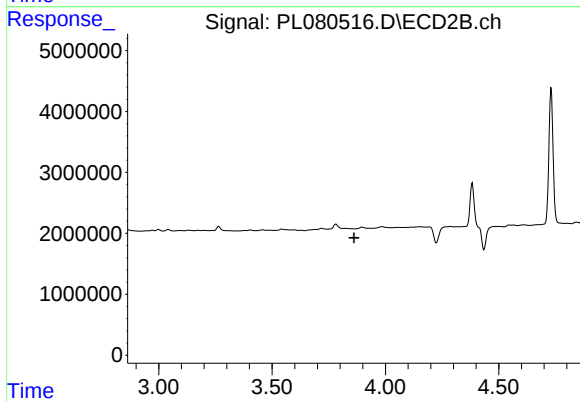
#3 gamma-BHC (Lindane)

R.T.: 3.543 min  
Delta R.T.: 0.022 min  
Response: 216378  
Conc: 0.07 ng/ml



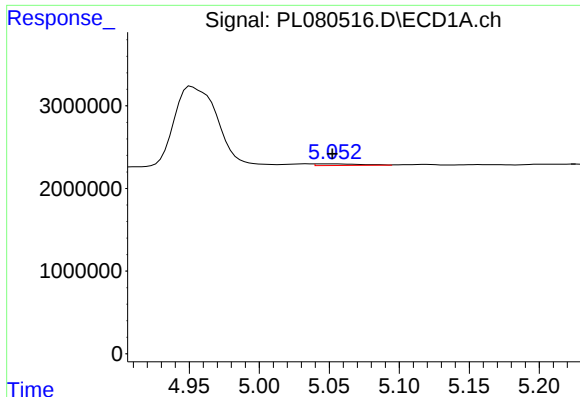
#4 Heptachlor

R.T.: 4.697 min  
Delta R.T.: -0.016 min  
Response: 187466  
Conc: 0.06 ng/ml



#4 Heptachlor

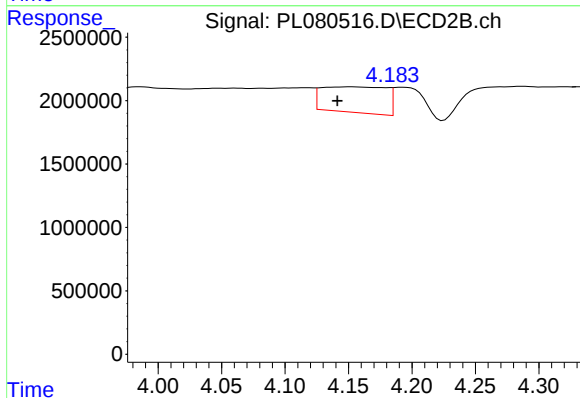
R.T.: 0.000 min  
Exp R.T.: 3.862 min  
Response: 0  
Conc: N.D.



#5 Aldrin

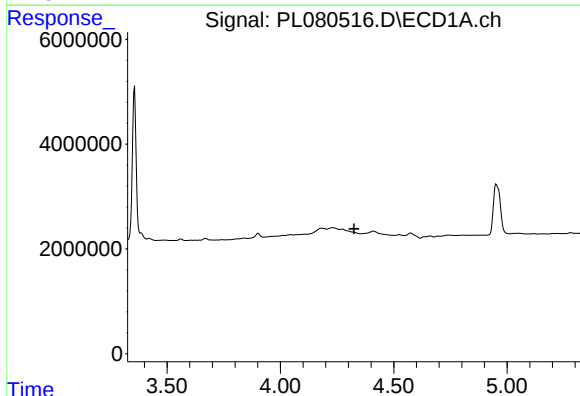
R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 452637  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



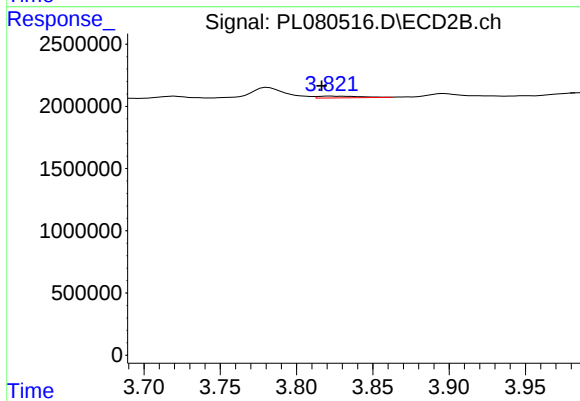
#5 Aldrin

R.T.: 4.153 min  
Delta R.T.: 0.011 min  
Response: 7143652  
Conc: 2.42 ng/ml



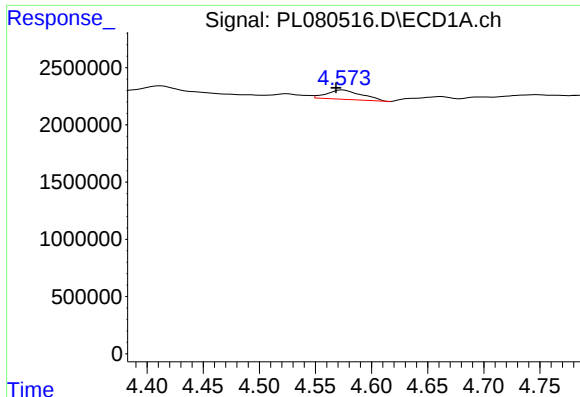
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.325 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

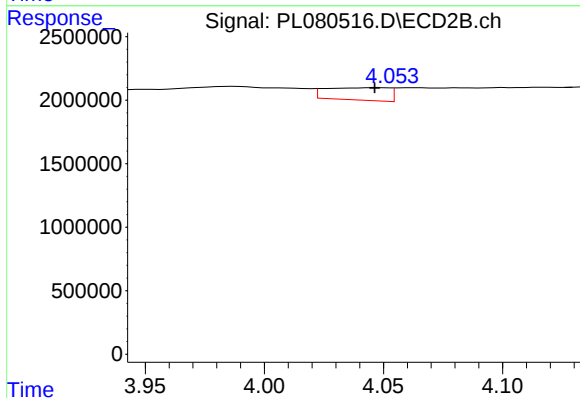
R.T.: 3.823 min  
Delta R.T.: 0.006 min  
Response: 285315  
Conc: 0.21 ng/ml



#7 delta-BHC

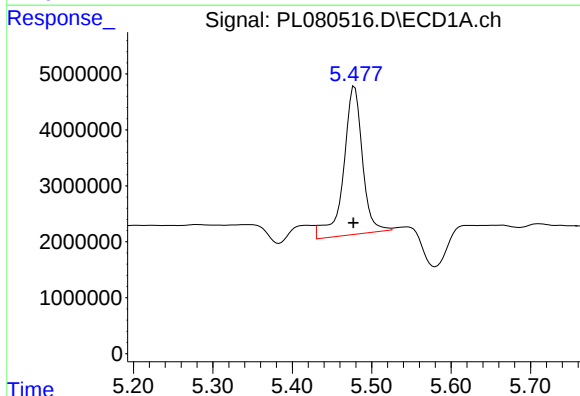
R.T.: 4.575 min  
Delta R.T.: 0.006 min  
Response: 1764929  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



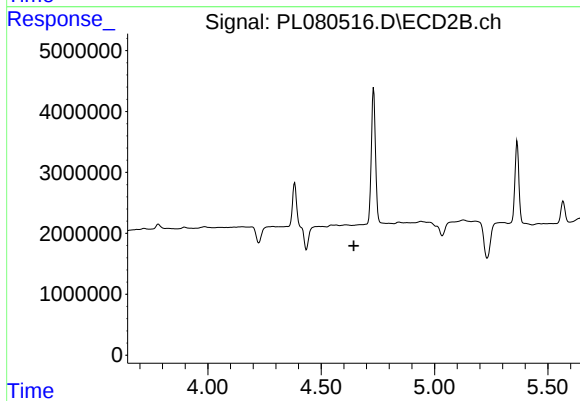
#7 delta-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 1790348  
Conc: 0.62 ng/ml



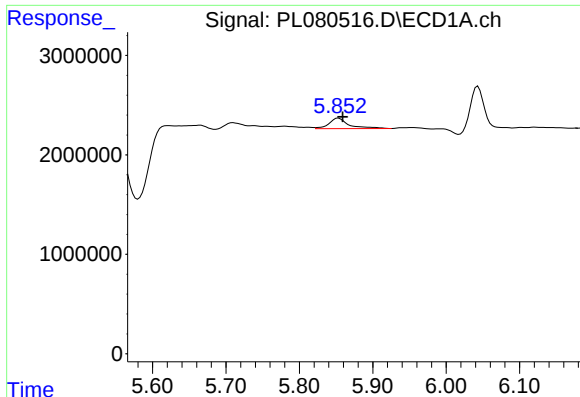
#8 Heptachlor epoxide

R.T.: 5.479 min  
Delta R.T.: 0.001 min  
Response: 43840174  
Conc: 16.95 ng/ml



#8 Heptachlor epoxide

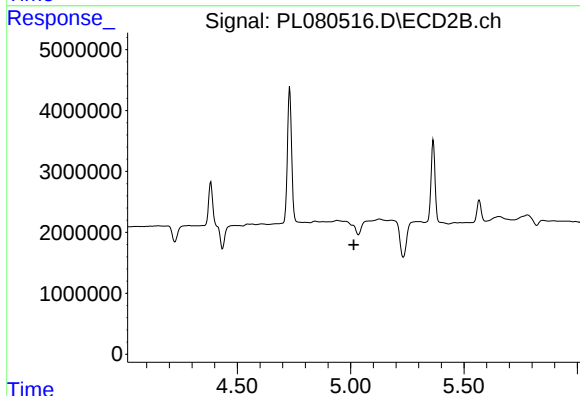
R.T.: 0.000 min  
Exp R.T. : 4.644 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

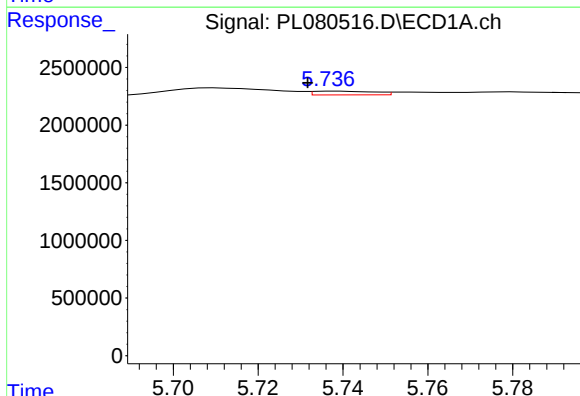
R.T.: 5.853 min  
Delta R.T.: -0.006 min  
Response: 2003767  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



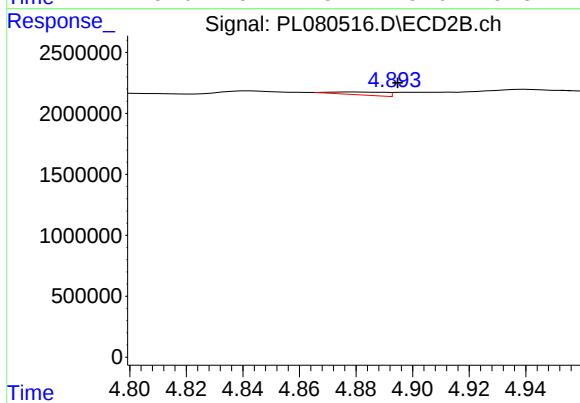
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.013 min  
Response: 0  
Conc: N.D.



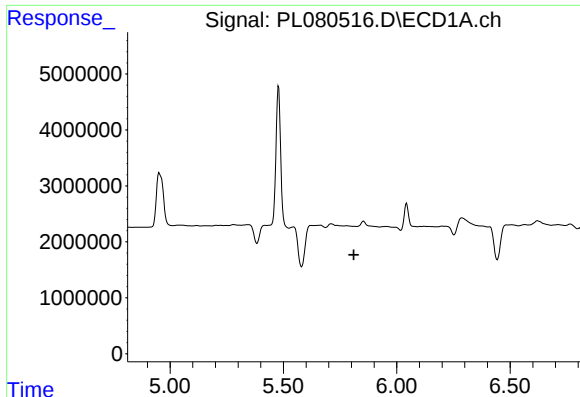
#10 gamma-Chlordane

R.T.: 5.738 min  
Delta R.T.: 0.007 min  
Response: 323565  
Conc: 0.13 ng/ml



#10 gamma-Chlordane

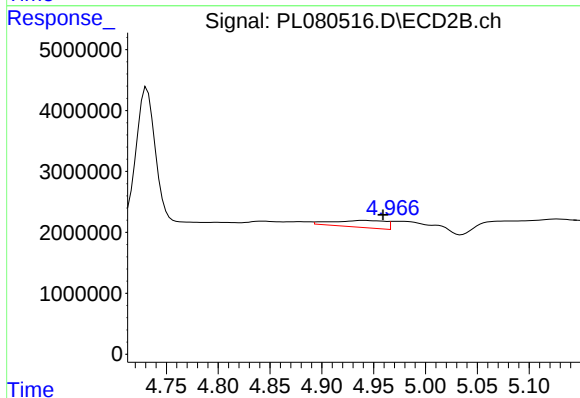
R.T.: 4.879 min  
Delta R.T.: -0.016 min  
Response: 309650  
Conc: 0.11 ng/ml



#11 alpha-Chlordane

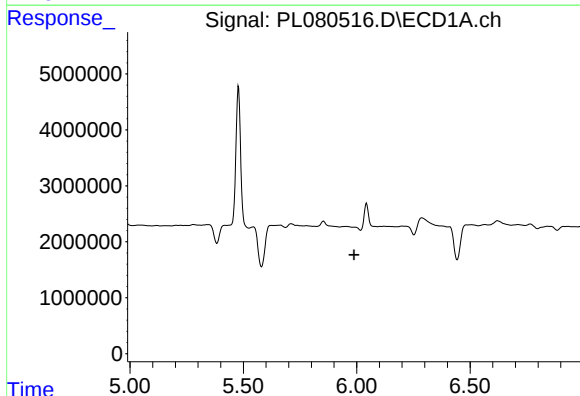
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



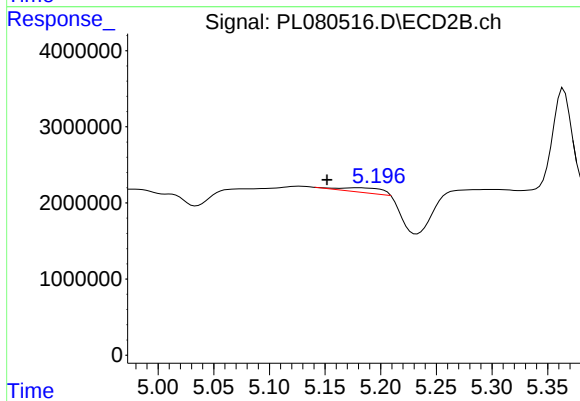
#11 alpha-Chlordane

R.T.: 4.940 min  
Delta R.T.: -0.019 min  
Response: 3977527  
Conc: 1.39 ng/ml



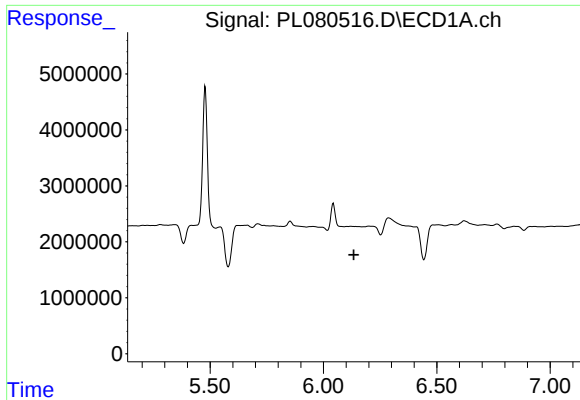
#12 4,4'-DDE

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



#12 4,4'-DDE

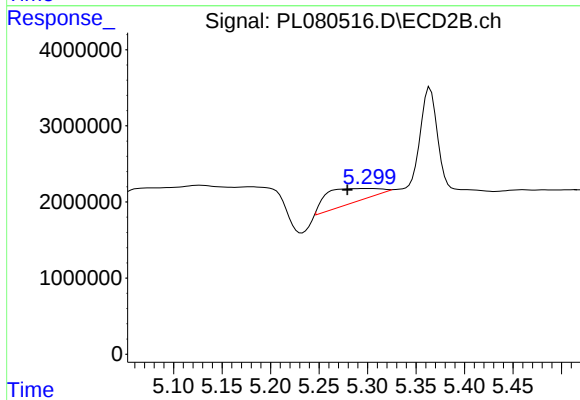
R.T.: 5.181 min  
Delta R.T.: 0.030 min  
Response: 1500946  
Conc: 0.64 ng/ml



#13 Dieldrin

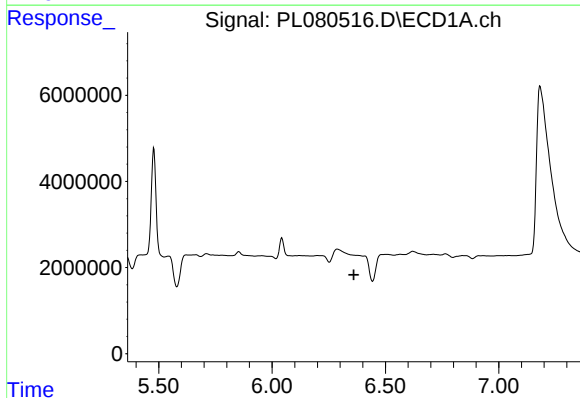
R.T.: 0.000 min  
Exp R.T. : 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



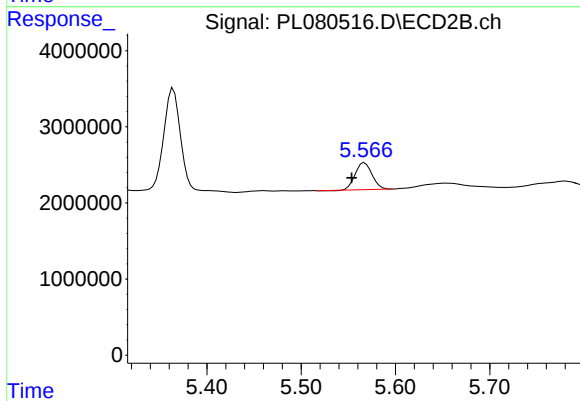
#13 Dieldrin

R.T.: 5.302 min  
Delta R.T.: 0.022 min  
Response: 6806620  
Conc: 2.52 ng/ml



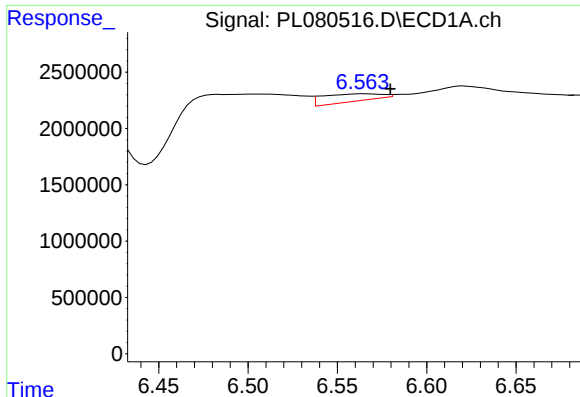
#14 Endrin

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



#14 Endrin

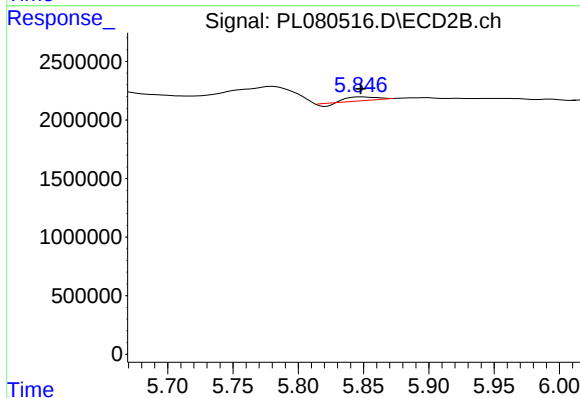
R.T.: 5.567 min  
Delta R.T.: 0.014 min  
Response: 4363826  
Conc: 1.88 ng/ml



#15 Endosulfan II

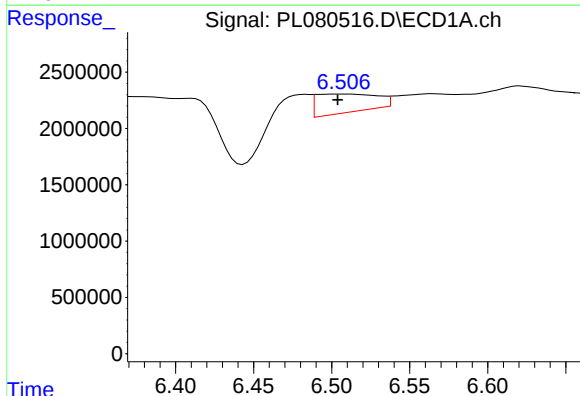
R.T.: 6.565 min  
Delta R.T.: -0.015 min  
Response: 1534109  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



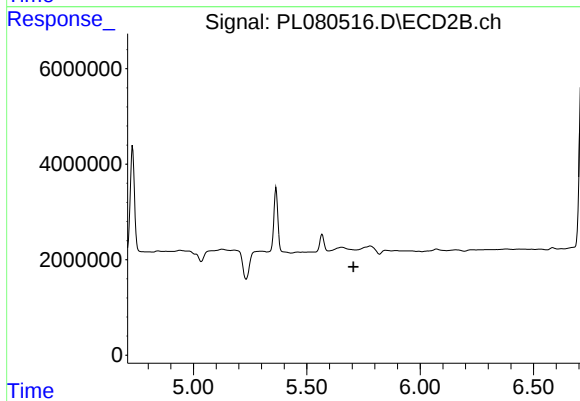
#15 Endosulfan II

R.T.: 5.848 min  
Delta R.T.: 0.000 min  
Response: 379603  
Conc: 0.18 ng/ml



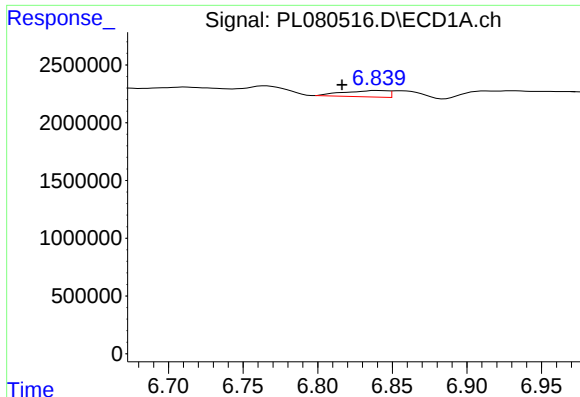
#16 4,4'-DDD

R.T.: 6.508 min  
Delta R.T.: 0.004 min  
Response: 4424421  
Conc: 2.42 ng/ml



#16 4,4'-DDD

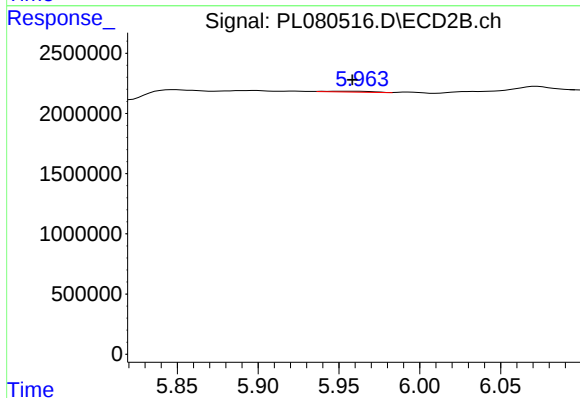
R.T.: 0.000 min  
Exp R.T.: 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

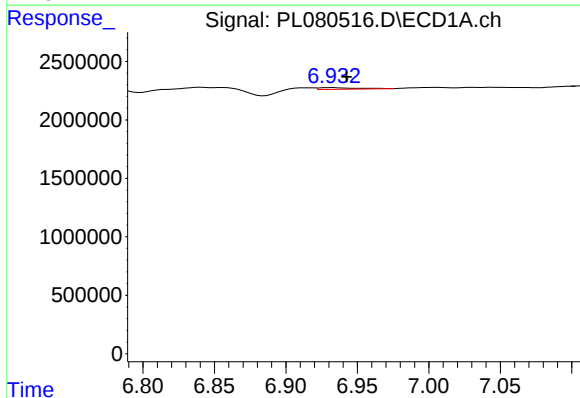
R.T.: 6.840 min  
Delta R.T.: 0.024 min  
Response: 1144234  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



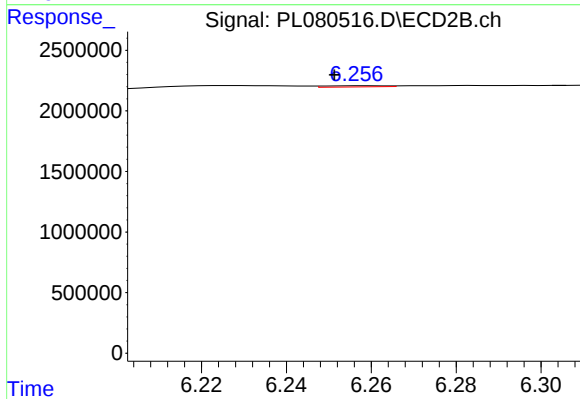
#17 4,4'-DDT

R.T.: 5.949 min  
Delta R.T.: -0.009 min  
Response: 143045  
Conc: 0.07 ng/ml



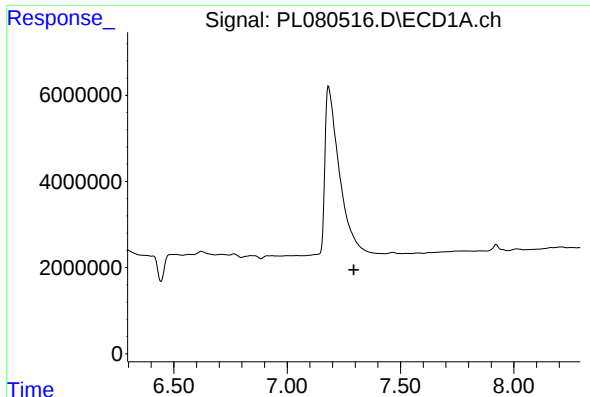
#19 Endosulfan Sulfate

R.T.: 6.933 min  
Delta R.T.: -0.010 min  
Response: 270968  
Conc: 0.13 ng/ml



#19 Endosulfan Sulfate

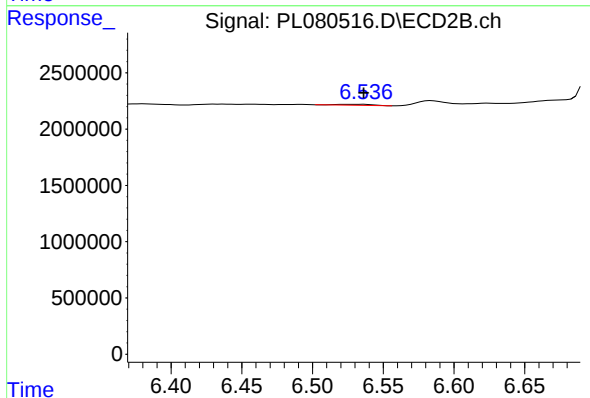
R.T.: 6.259 min  
Delta R.T.: 0.008 min  
Response: 95982  
Conc: 0.04 ng/ml



#20 Methoxychlor

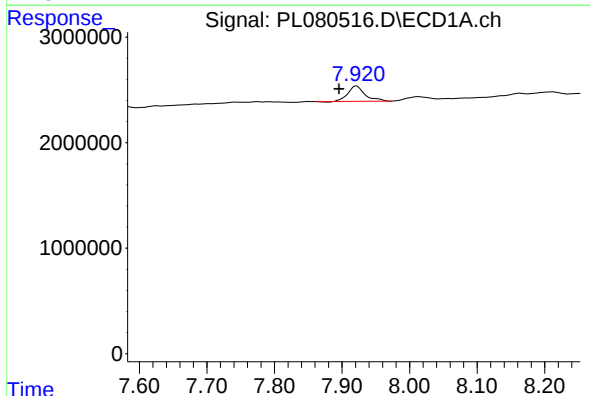
R.T.: 0.000 min  
Exp R.T.: 7.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



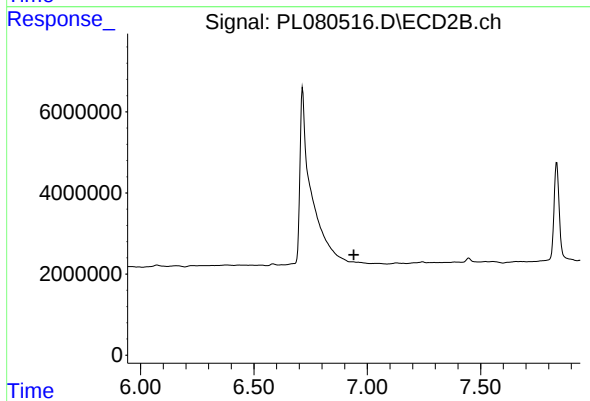
#20 Methoxychlor

R.T.: 6.535 min  
Delta R.T.: -0.001 min  
Response: 153278  
Conc: 0.13 ng/ml



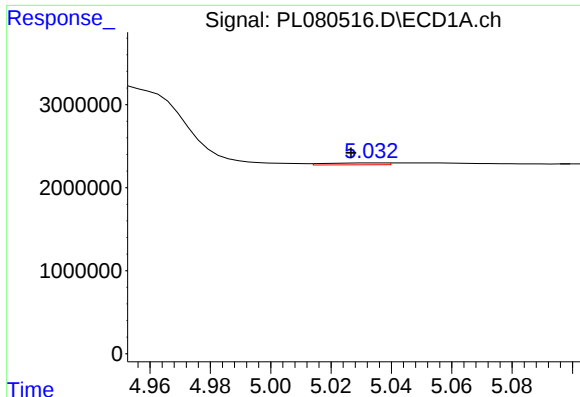
#22 Mirex

R.T.: 7.922 min  
Delta R.T.: 0.026 min  
Response: 2563835  
Conc: 1.49 ng/ml



#22 Mirex

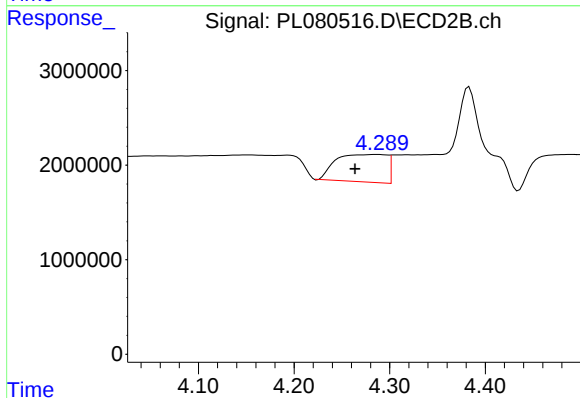
R.T.: 6.935 min  
Delta R.T.: -0.005 min  
Response: -257806  
Conc: N.D.



#24 Chlordane-2

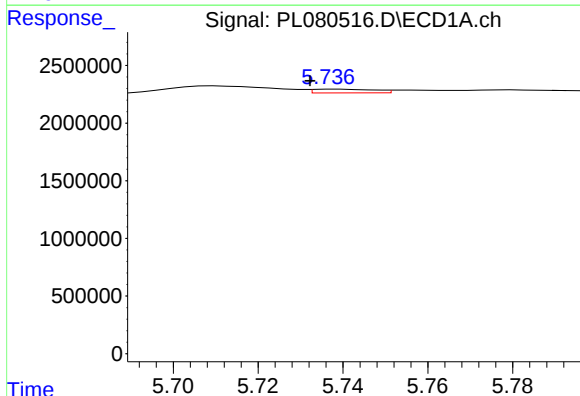
R.T.: 5.034 min  
Delta R.T.: 0.007 min  
Response: 305023  
Conc: 3.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



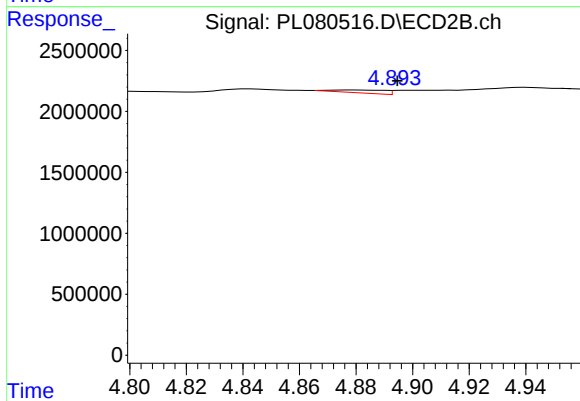
#24 Chlordane-2

R.T.: 4.287 min  
Delta R.T.: 0.023 min  
Response: 10692267  
Conc: 118.59 ng/ml



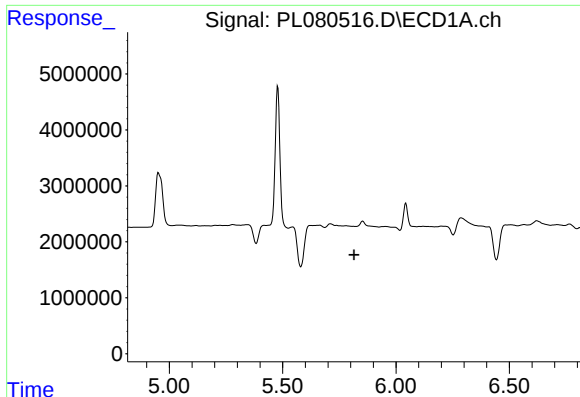
#25 Chlordane-3

R.T.: 5.738 min  
Delta R.T.: 0.006 min  
Response: 323565  
Conc: 0.96 ng/ml



#25 Chlordane-3

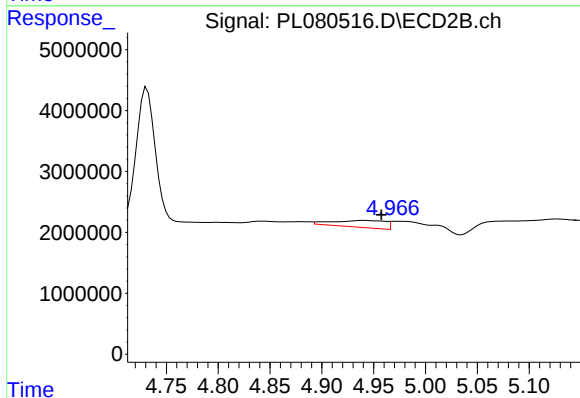
R.T.: 4.879 min  
Delta R.T.: -0.016 min  
Response: 309650  
Conc: 1.17 ng/ml



#26 Chlordane-4

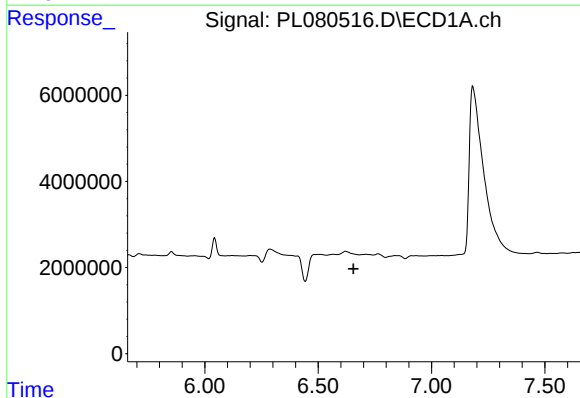
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



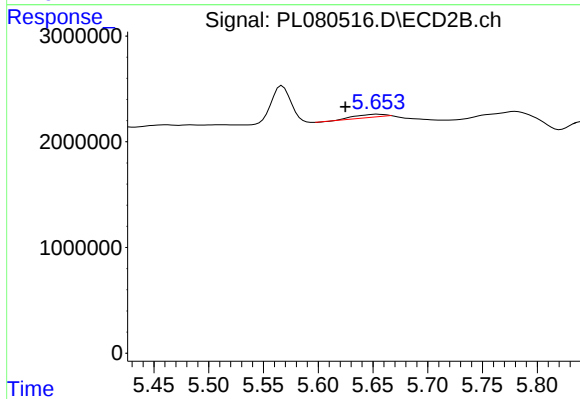
#26 Chlordane-4

R.T.: 4.940 min  
Delta R.T.: -0.017 min  
Response: 3977527  
Conc: 14.77 ng/ml



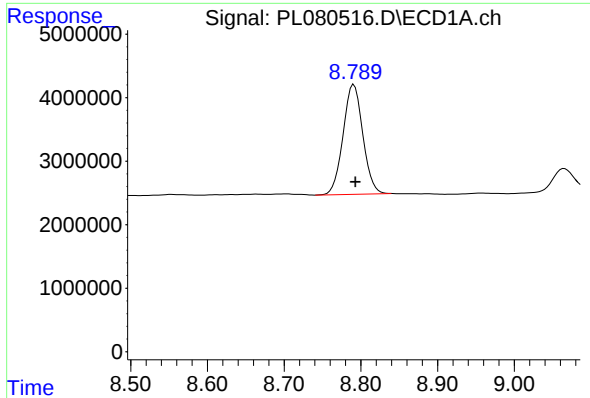
#27 Chlordane-5

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



#27 Chlordane-5

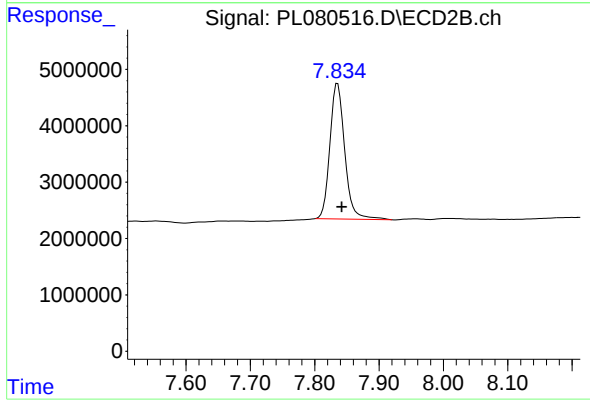
R.T.: 5.654 min  
Delta R.T.: 0.029 min  
Response: 564217  
Conc: 7.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.002 min  
Response: 31042456  
Conc: 17.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.836 min  
Delta R.T.: -0.006 min  
Response: 38510523  
Conc: 16.16 ng/ml