

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
 Data File : PL080437.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jan 2023 22:33  
 Operator : AR\AJ  
 Sample : 01232-08  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 21 06:16:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 20 17:01:11 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... | 3.352  | 2.690  | 42880051 | 45080316 | 19.992 | 20.524   |
| 28)                         | SA Decachlor... | 8.790  | 7.839  | 32371088 | 44303924 | 18.490 | 18.595   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.174f | 0        | 82868    | N.D.   | 0.026 #  |
| 3)                          | MA gamma-BHC... | 4.146f | 3.521  | 746805   | 1288885  | 0.254  | 0.431 #  |
| 4)                          | MA Heptachlor   | 4.697f | 3.862  | 45810    | 198475   | 0.016  | 0.062 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.154  | 0        | 217436   | N.D.   | 0.074 #  |
| 6)                          | B beta-BHC      | 4.314  | 3.826  | 785836   | 97057    | 0.576  | 0.073 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.042  | 0        | 70557    | N.D.   | 0.024 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.003  | 0        | 484722   | N.D.   | 0.186 #  |
| 10)                         | B gamma-Chl...  | 5.730  | 4.894  | 2971896  | 2762835  | 1.177  | 0.975    |
| 11)                         | B alpha-Chl...  | 5.812  | 4.957  | 4503926  | 2856473  | 1.784  | 0.997 #  |
| 12)                         | B 4,4'-DDE      | 5.987  | 5.150  | 6674463  | 6863678  | 2.997  | 2.910    |
| 13)                         | MA Dieldrin     | 6.130  | 5.277  | 446510   | 704129   | 0.187  | 0.260 #  |
| 14)                         | MA Endrin       | 0.000  | 5.566  | 0        | 1595918  | N.D.   | 0.688 #  |
| 15)                         | B Endosulfa...  | 6.558f | 5.851  | 449439   | 334923   | 0.196  | 0.161    |
| 16)                         | A 4,4'-DDD      | 6.503  | 0.000  | 197391   | 0        | 0.108  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.814  | 5.955  | 10625669 | 10693219 | 5.114  | 5.088    |
| 18)                         | B Endrin al...  | 0.000  | 6.054f | 0        | 379318   | N.D.   | 0.208 #  |
| 19)                         | B Endosulfa...  | 6.950  | 6.248  | -138668  | 320576   | N.D.   | 0.138    |
| 21)                         | B Endrin ke...  | 7.416  | 6.748  | 163007   | 26922    | 0.074  | 0.011 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.668f | 0        | 2556     | N.D.   | 0.031 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.242f | 0        | 578639   | N.D.   | 6.418 #  |
| 25)                         | Chlordane-3     | 5.730  | 4.894  | 2971896  | 2762835  | 8.795  | 10.475   |
| 26)                         | Chlordane-4     | 5.812  | 4.957  | 4503926  | 2856473  | 10.440 | 10.607   |
| 27)                         | Chlordane-5     | 0.000  | 5.626  | 0        | 855668   | N.D.   | 12.025 # |
| -----                       |                 |        |        |          |          |        |          |

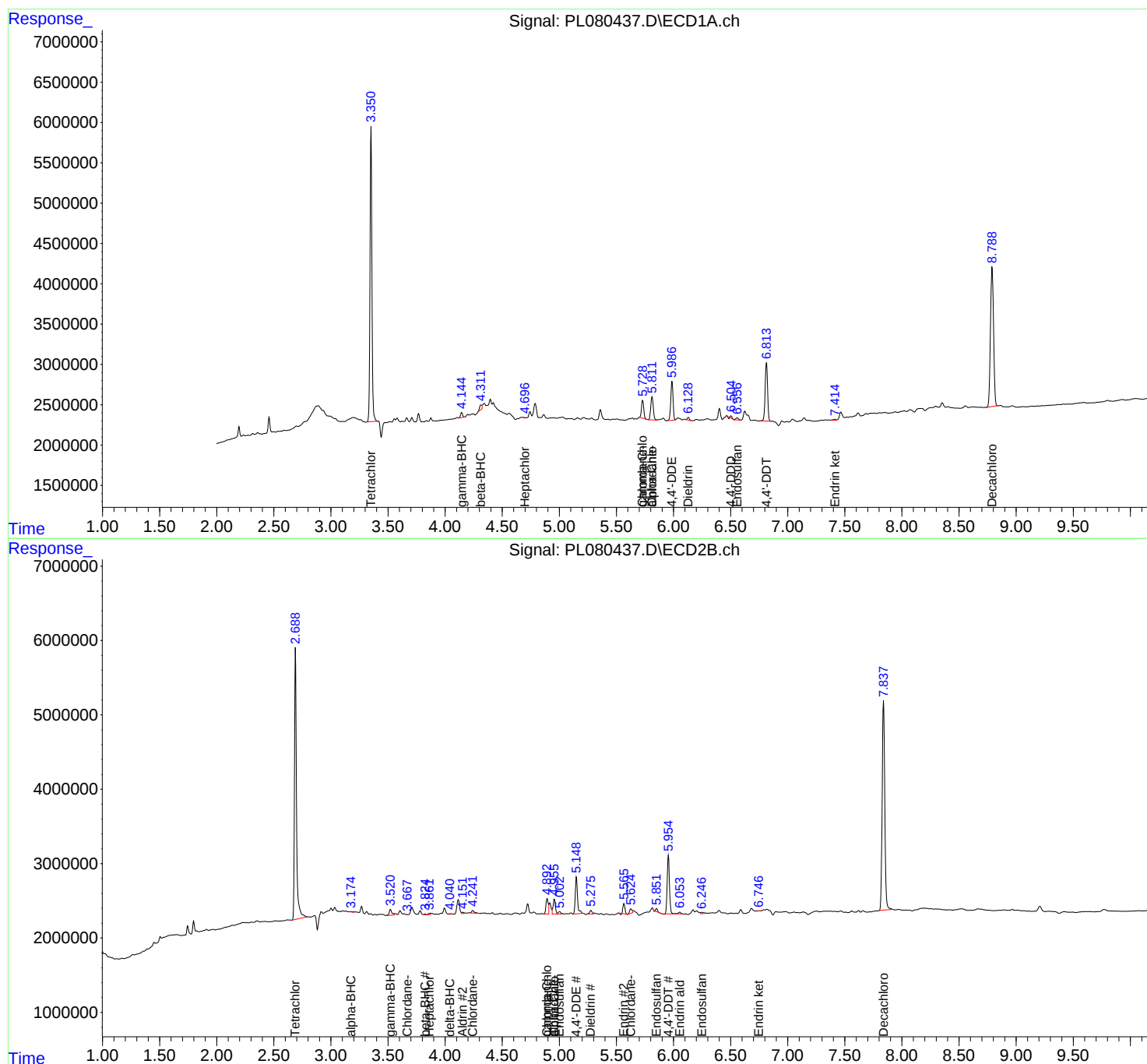
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

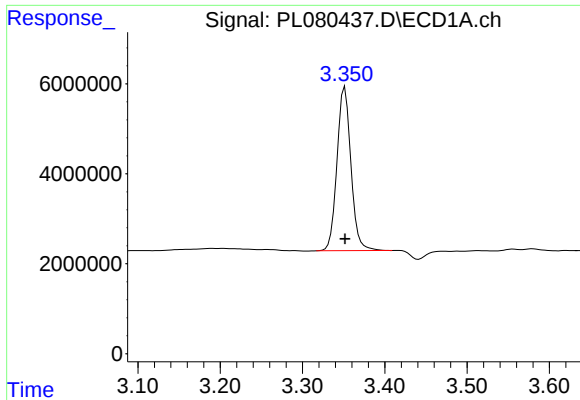
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
Data File : PL080437.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jan 2023 22:33  
Operator : AR\AJ  
Sample : 01232-08  
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ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Jan 21 06:16:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 20 17:01:11 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

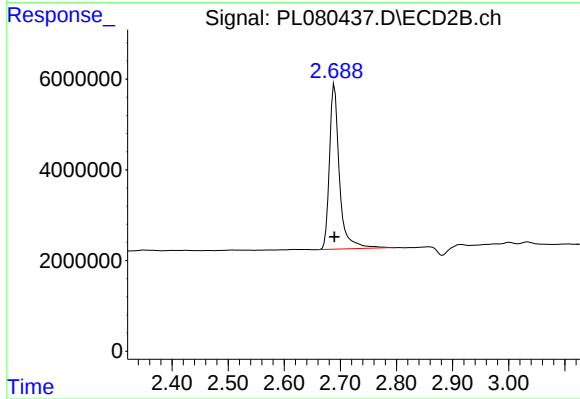




#1 Tetrachloro-m-xylene

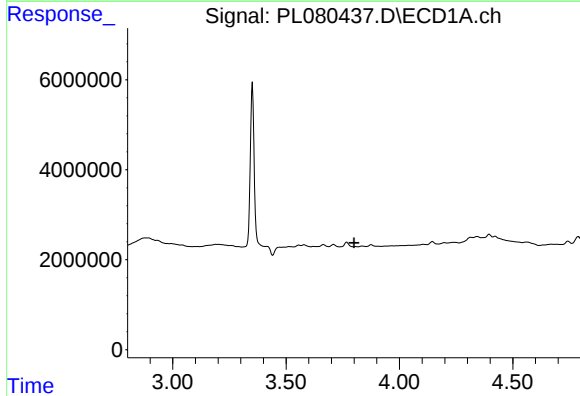
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 42880051  
Conc: 19.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



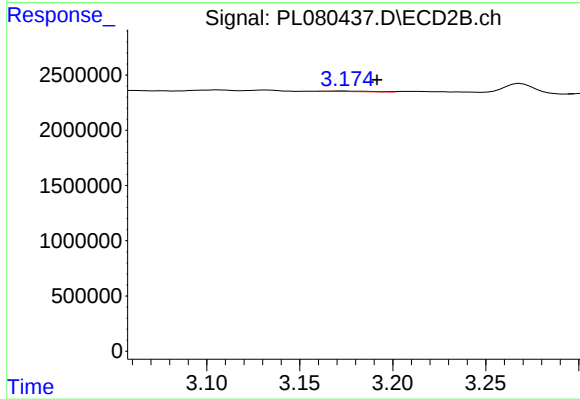
#1 Tetrachloro-m-xylene

R.T.: 2.690 min  
Delta R.T.: 0.000 min  
Response: 45080316  
Conc: 20.52 ng/ml



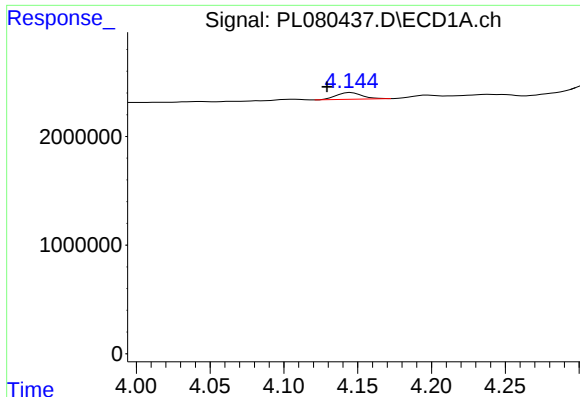
#2 alpha-BHC

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



#2 alpha-BHC

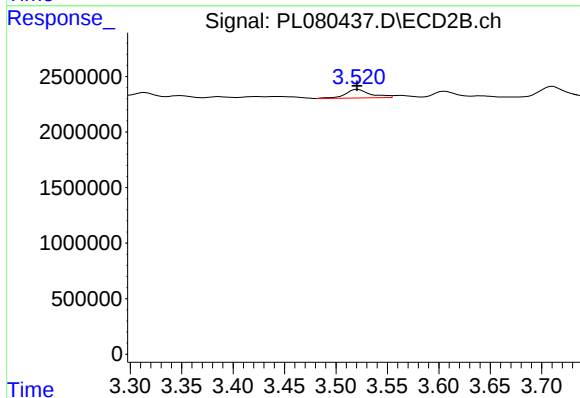
R.T.: 3.174 min  
Delta R.T.: -0.017 min  
Response: 82868  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

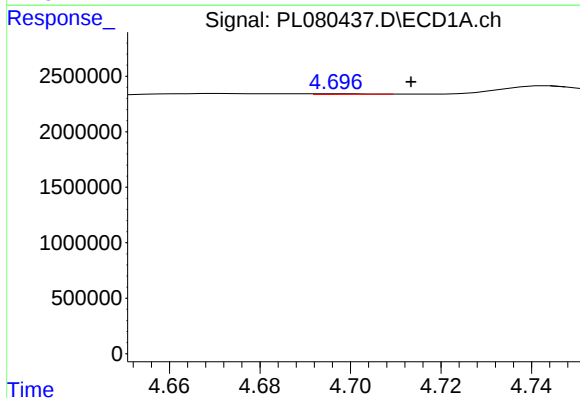
R.T.: 4.146 min  
Delta R.T.: 0.016 min  
Response: 746805  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



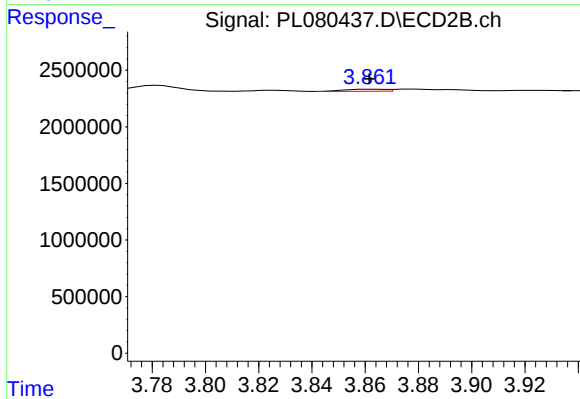
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: 0.000 min  
Response: 1288885  
Conc: 0.43 ng/ml



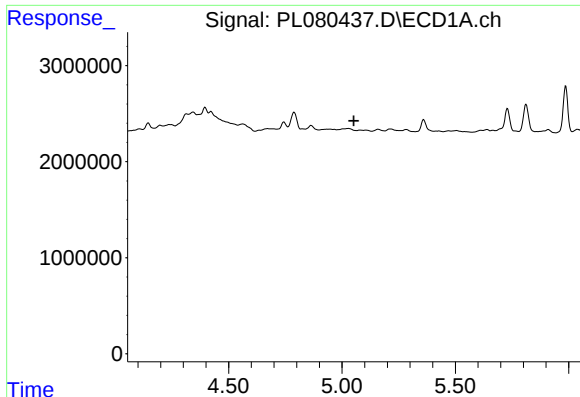
#4 Heptachlor

R.T.: 4.697 min  
Delta R.T.: -0.017 min  
Response: 45810  
Conc: 0.02 ng/ml



#4 Heptachlor

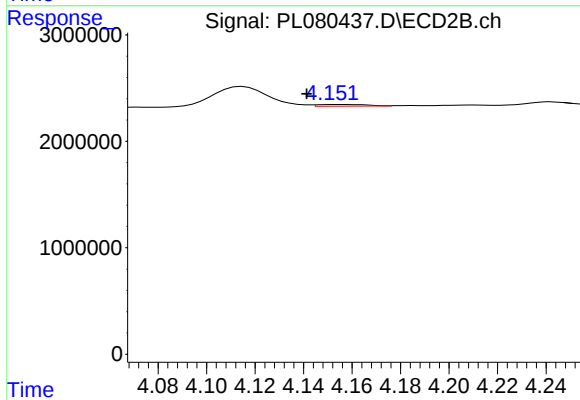
R.T.: 3.862 min  
Delta R.T.: 0.000 min  
Response: 198475  
Conc: 0.06 ng/ml



#5 Aldrin

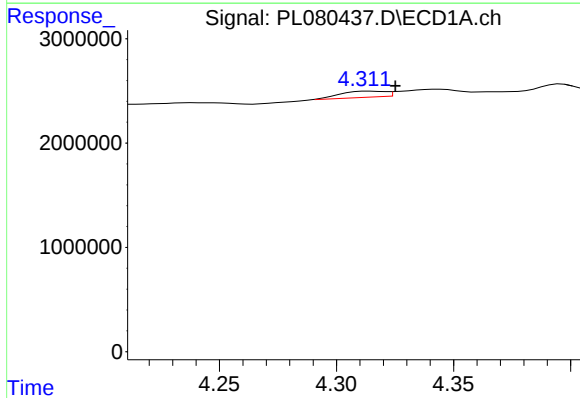
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



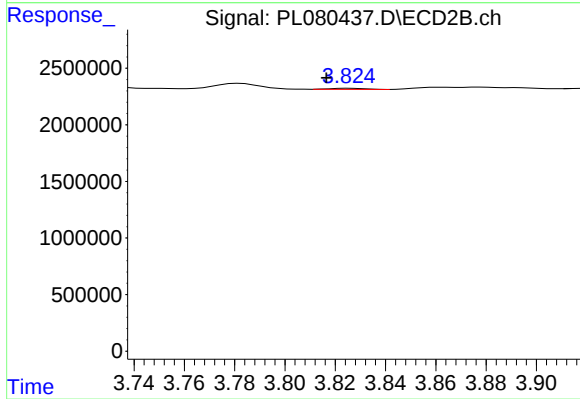
#5 Aldrin

R.T.: 4.154 min  
Delta R.T.: 0.013 min  
Response: 217436  
Conc: 0.07 ng/ml



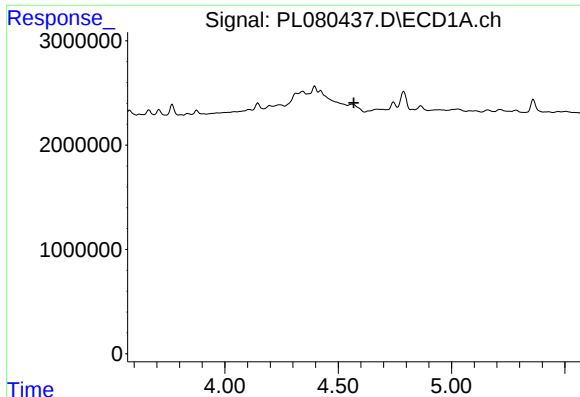
#6 beta-BHC

R.T.: 4.314 min  
Delta R.T.: -0.011 min  
Response: 785836  
Conc: 0.58 ng/ml



#6 beta-BHC

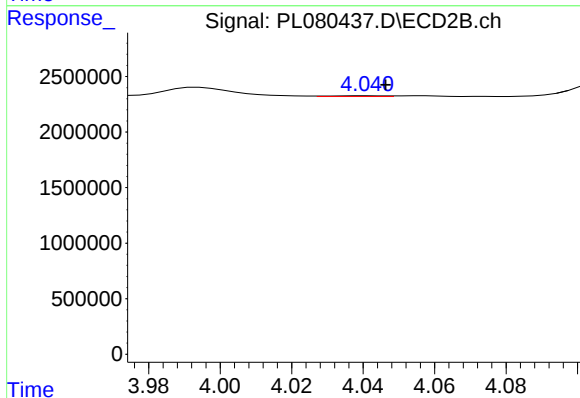
R.T.: 3.826 min  
Delta R.T.: 0.009 min  
Response: 97057  
Conc: 0.07 ng/ml



#7 delta-BHC

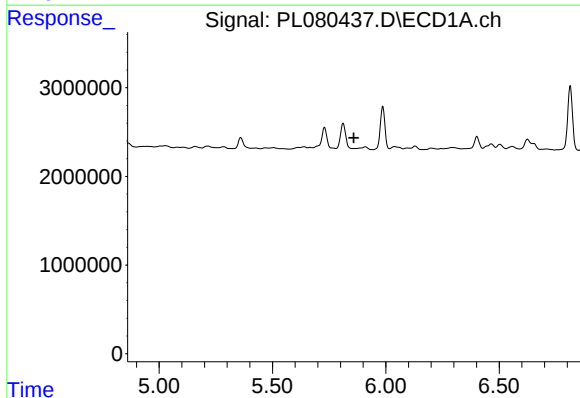
R.T.: 0.000 min  
Exp R.T.: 4.568 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



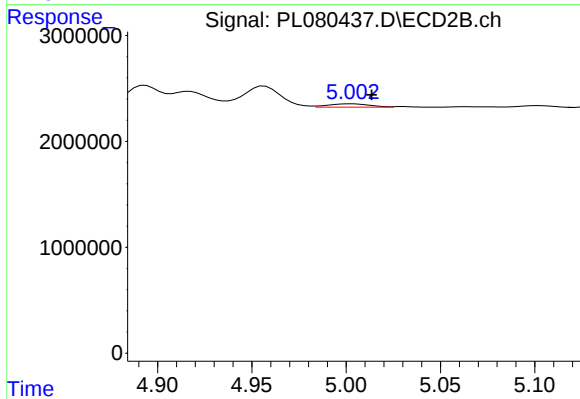
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 70557  
Conc: 0.02 ng/ml



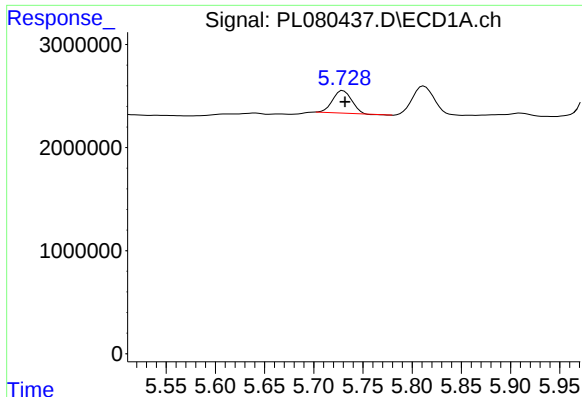
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

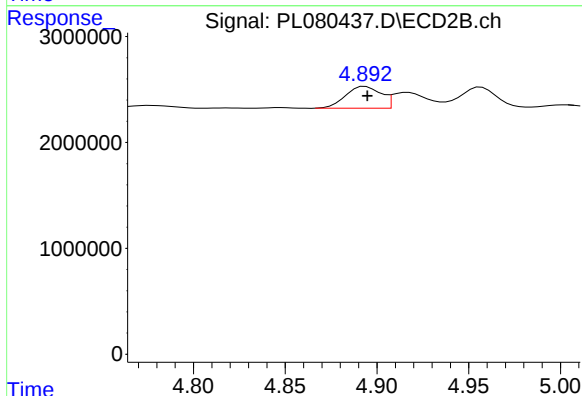
R.T.: 5.003 min  
Delta R.T.: -0.010 min  
Response: 484722  
Conc: 0.19 ng/ml



#10 gamma-Chlordane

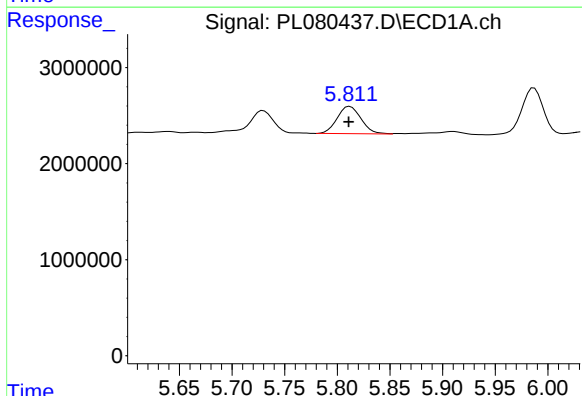
R.T.: 5.730 min  
Delta R.T.: -0.002 min  
Response: 2971896  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



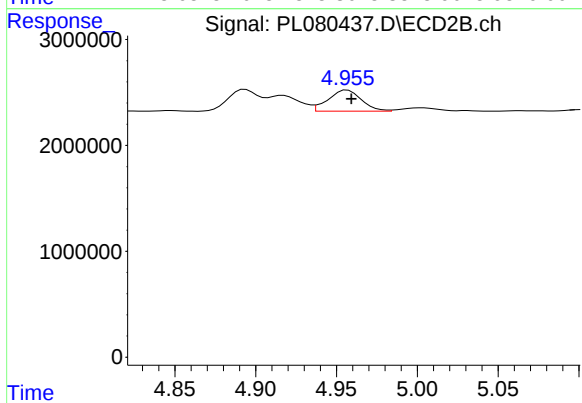
#10 gamma-Chlordane

R.T.: 4.894 min  
Delta R.T.: -0.001 min  
Response: 2762835  
Conc: 0.97 ng/ml



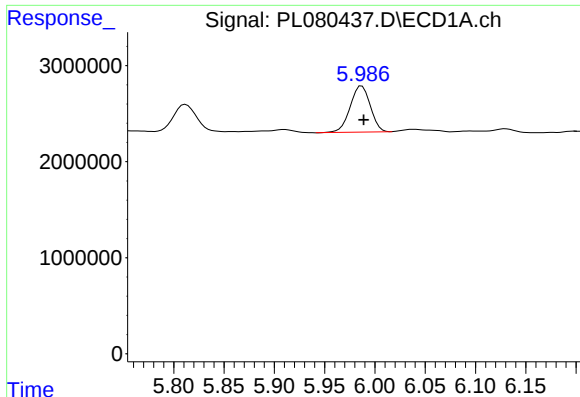
#11 alpha-Chlordane

R.T.: 5.812 min  
Delta R.T.: 0.001 min  
Response: 4503926  
Conc: 1.78 ng/ml



#11 alpha-Chlordane

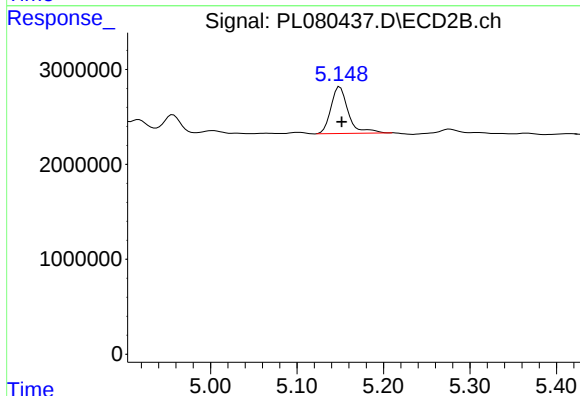
R.T.: 4.957 min  
Delta R.T.: -0.002 min  
Response: 2856473  
Conc: 1.00 ng/ml



#12 4,4'-DDE

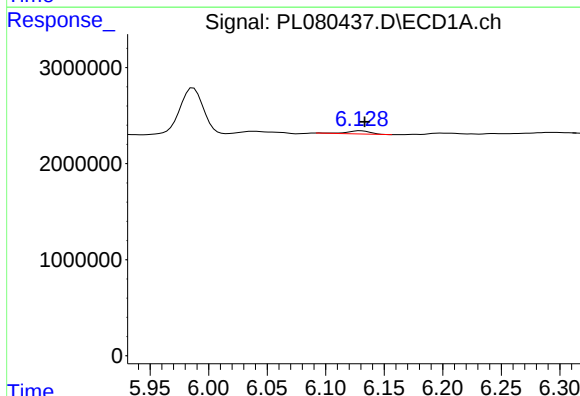
R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 6674463  
Conc: 3.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



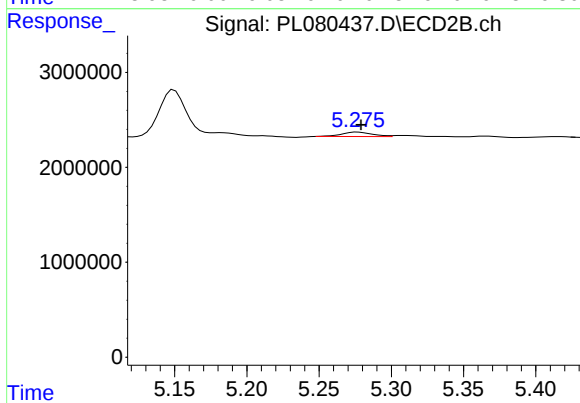
#12 4,4'-DDE

R.T.: 5.150 min  
Delta R.T.: -0.002 min  
Response: 6863678  
Conc: 2.91 ng/ml



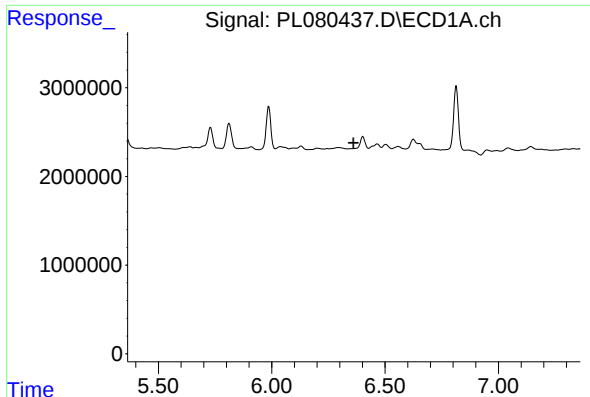
#13 Dieldrin

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 446510  
Conc: 0.19 ng/ml



#13 Dieldrin

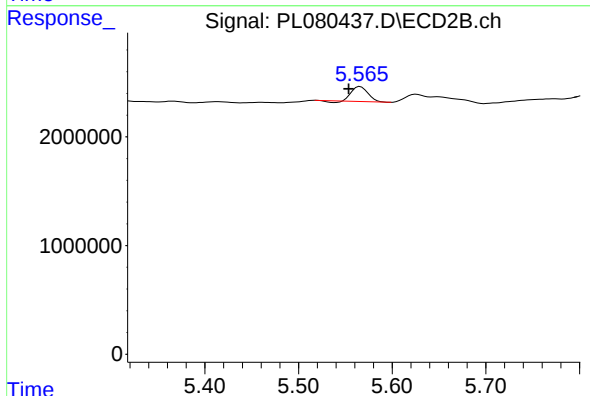
R.T.: 5.277 min  
Delta R.T.: -0.003 min  
Response: 704129  
Conc: 0.26 ng/ml



#14 Endrin

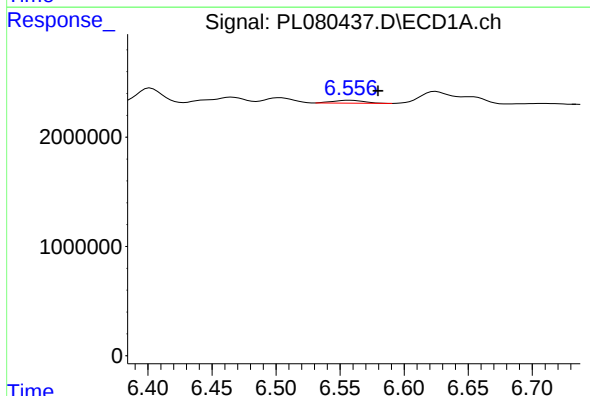
R.T.: 0.000 min  
Exp R.T.: 6.361 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



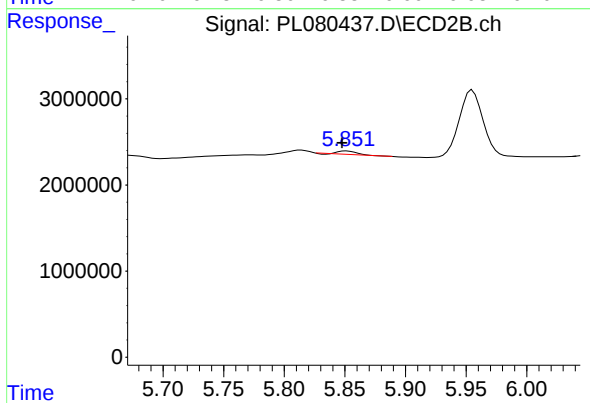
#14 Endrin

R.T.: 5.566 min  
Delta R.T.: 0.012 min  
Response: 1595918  
Conc: 0.69 ng/ml



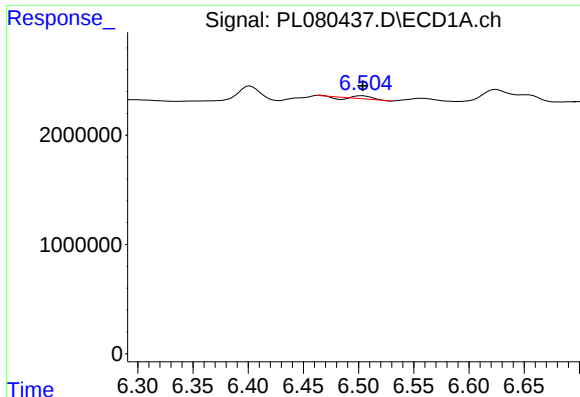
#15 Endosulfan II

R.T.: 6.558 min  
Delta R.T.: -0.022 min  
Response: 449439  
Conc: 0.20 ng/ml



#15 Endosulfan II

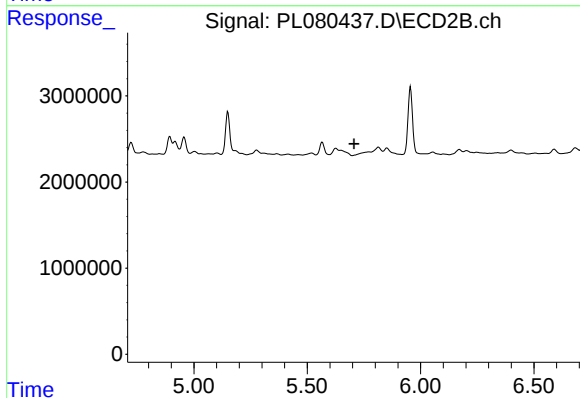
R.T.: 5.851 min  
Delta R.T.: 0.004 min  
Response: 334923  
Conc: 0.16 ng/ml



#16 4,4'-DDD

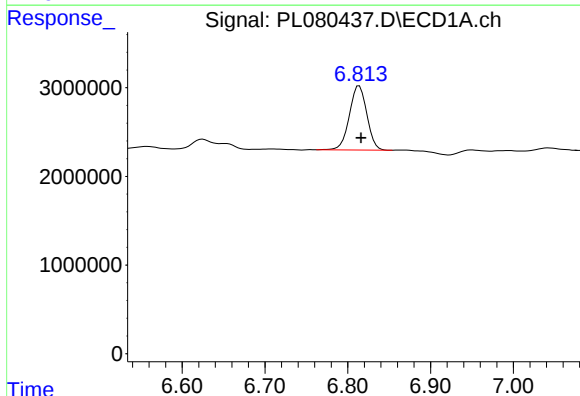
R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 197391  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



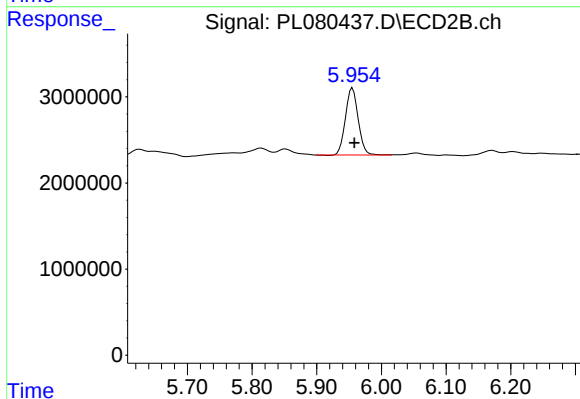
#16 4,4'-DDD

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



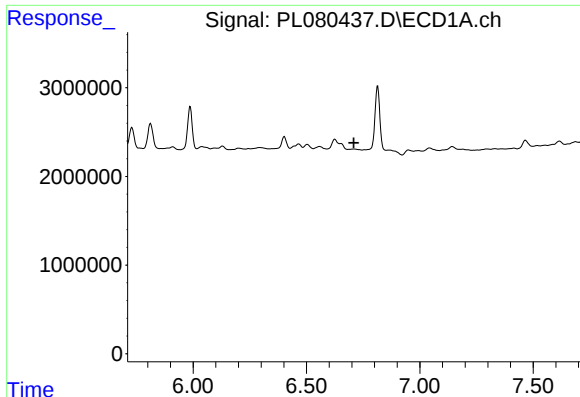
#17 4,4'-DDT

R.T.: 6.814 min  
Delta R.T.: -0.002 min  
Response: 10625669  
Conc: 5.11 ng/ml



#17 4,4'-DDT

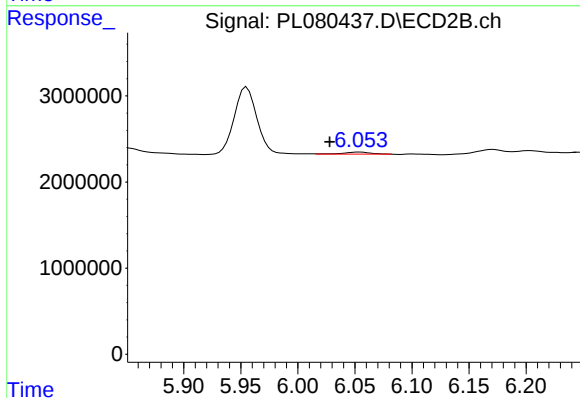
R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 10693219  
Conc: 5.09 ng/ml



#18 Endrin aldehyde

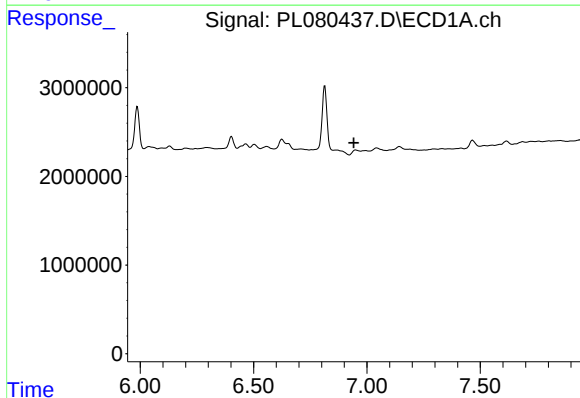
R.T.: 0.000 min  
Exp R.T.: 6.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



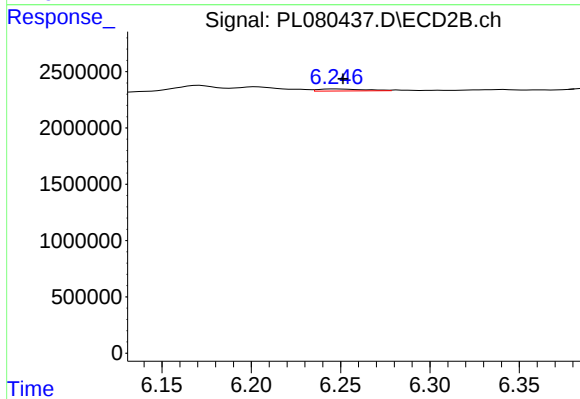
#18 Endrin aldehyde

R.T.: 6.054 min  
Delta R.T.: 0.027 min  
Response: 379318  
Conc: 0.21 ng/ml



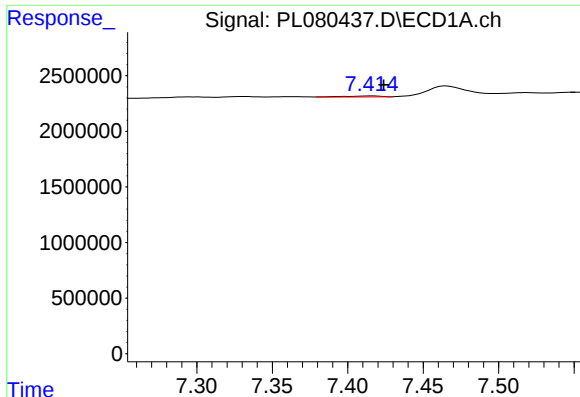
#19 Endosulfan Sulfate

R.T.: 6.950 min  
Delta R.T.: 0.007 min  
Response: -138668  
Conc: N.D.



#19 Endosulfan Sulfate

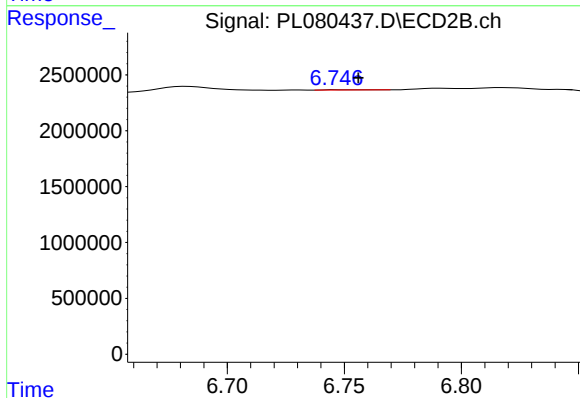
R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 320576  
Conc: 0.14 ng/ml



#21 Endrin ketone

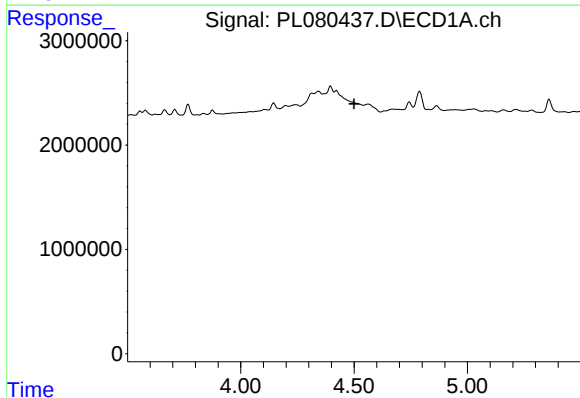
R.T.: 7.416 min  
Delta R.T.: -0.007 min  
Response: 163007  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



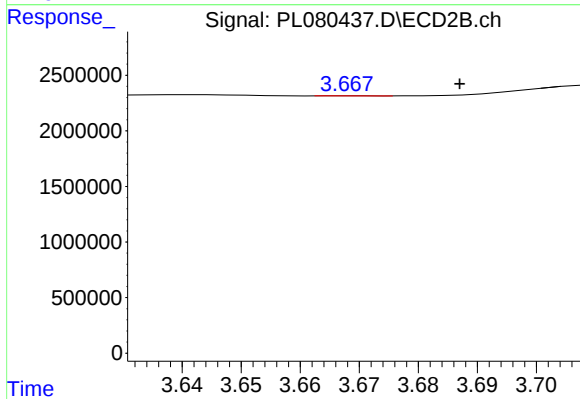
#21 Endrin ketone

R.T.: 6.748 min  
Delta R.T.: -0.008 min  
Response: 26922  
Conc: 0.01 ng/ml



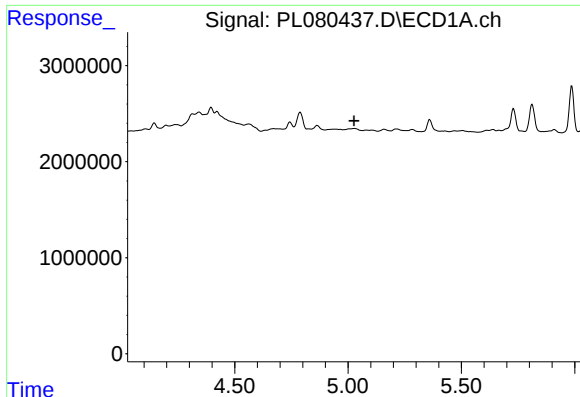
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.500 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

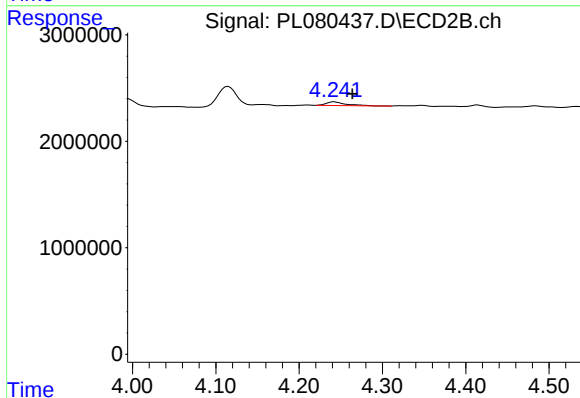
R.T.: 3.668 min  
Delta R.T.: -0.019 min  
Response: 2556  
Conc: 0.03 ng/ml



#24 Chlordane-2

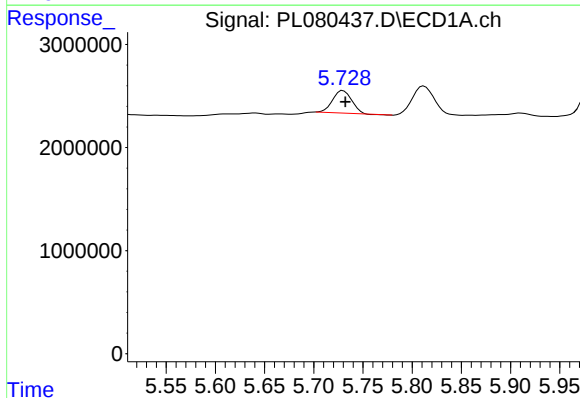
R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



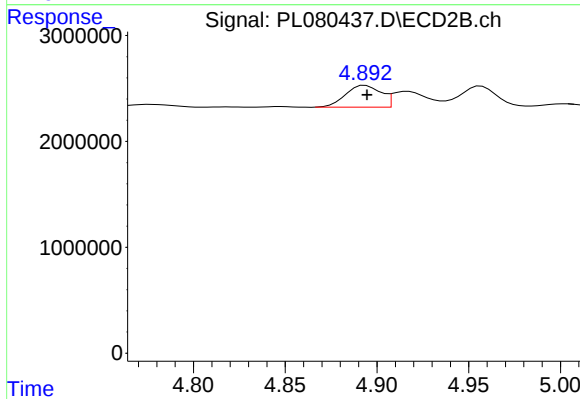
#24 Chlordane-2

R.T.: 4.242 min  
Delta R.T.: -0.021 min  
Response: 578639  
Conc: 6.42 ng/ml



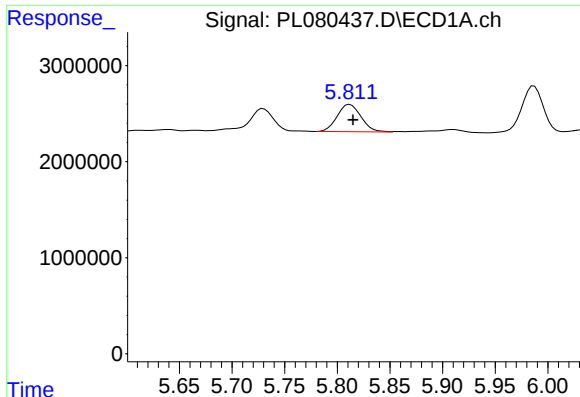
#25 Chlordane-3

R.T.: 5.730 min  
Delta R.T.: -0.002 min  
Response: 2971896  
Conc: 8.79 ng/ml



#25 Chlordane-3

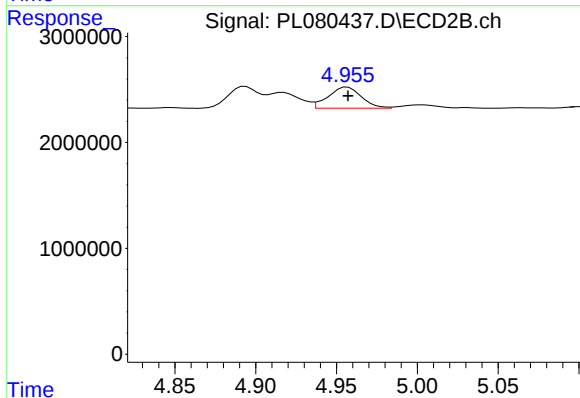
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 2762835  
Conc: 10.48 ng/ml



#26 Chlordane-4

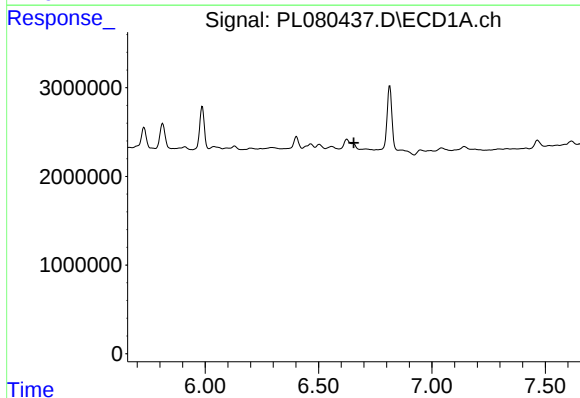
R.T.: 5.812 min  
Delta R.T.: -0.003 min  
Response: 4503926  
Conc: 10.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



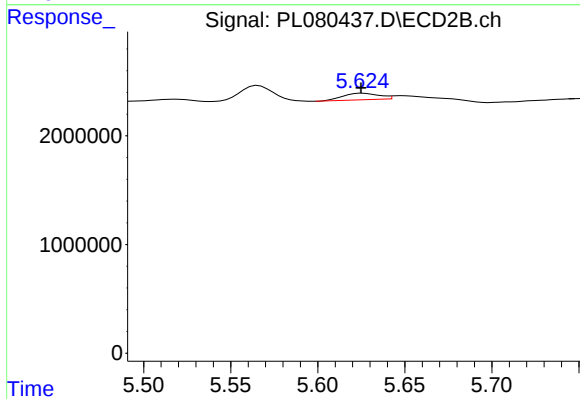
#26 Chlordane-4

R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 2856473  
Conc: 10.61 ng/ml



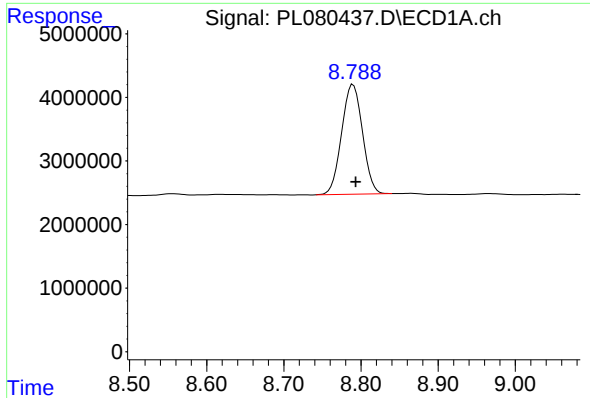
#27 Chlordane-5

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



#27 Chlordane-5

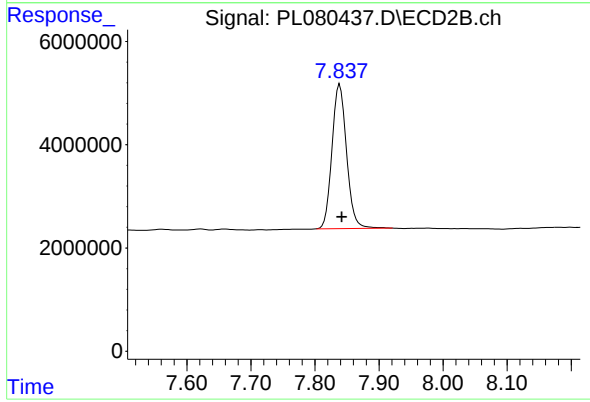
R.T.: 5.626 min  
Delta R.T.: 0.001 min  
Response: 855668  
Conc: 12.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.790 min  
Delta R.T.: -0.003 min  
Response: 32371088  
Conc: 18.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.839 min  
Delta R.T.: -0.003 min  
Response: 44303924  
Conc: 18.60 ng/ml