

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083554.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2023 19:38  
 Operator : AR\AJ  
 Sample : 03296-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:17:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 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... | 3.455  | 2.753  | 38253017 | 42026363 | 17.307 | 18.042   |
| 2)                          | SA Decachlor... | 8.991  | 7.962  | 39413300 | 50650552 | 20.683 | 20.622   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.229  | 0.000  | 224281   | 0        | 0.079  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.829  | 3.947  | 321817   | 6528465  | 0.116  | 2.109 #  |
| 5)                          | MB Aldrin       | 5.154f | 4.208f | 955230   | 1303800  | 0.368  | 0.433    |
| 6)                          | B beta-BHC      | 4.454  | 3.915f | 2362305  | 3377086  | 1.826  | 2.263    |
| 7)                          | B delta-BHC     | 4.694  | 4.147f | 138758   | 110235   | 0.050  | 0.034 #  |
| 8)                          | B Heptachlo...  | 5.605  | 4.729  | 2174767  | 429175   | 0.857  | 0.150 #  |
| 10)                         | B gamma-Chl...  | 5.865  | 4.989  | 10585785 | 9497570  | 4.400  | 3.210 #  |
| 11)                         | B alpha-Chl...  | 5.949  | 5.053  | 13540171 | 14027712 | 5.716  | 4.742    |
| 12)                         | B 4,4'-DDE      | 6.125  | 5.258  | 2838851  | 4579657  | 1.406  | 1.793 #  |
| 13)                         | MA Dieldrin     | 6.273  | 5.381  | 1424112  | 7475393  | 0.634  | 2.666 #  |
| 14)                         | MA Endrin       | 6.503  | 5.663  | 1693686  | -339018  | 0.960  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.718  | 5.948  | 2010845  | 4127387  | 1.077  | 1.739 #  |
| 16)                         | A 4,4'-DDD      | 6.652  | 5.810  | 12380052 | 818388   | 7.251  | 0.371 #  |
| 17)                         | MA 4,4'-DDT     | 6.955  | 6.057  | 3434877  | 23351433 | 2.040  | 11.184 # |
| 18)                         | B Endrin al...  | 0.000  | 6.158f | 0        | 4909438  | N.D.   | 2.598 #  |
| 19)                         | B Endosulfa...  | 7.072  | 6.360  | 3297265  | 8963842  | 1.717  | 3.702 #  |
| 21)                         | B Endrin ke...  | 7.552  | 0.000  | 12255357 | 0        | 5.720  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.051  | 0        | 130772   | N.D.   | 0.054 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.766  | 0        | 2311280  | N.D.   | 23.579 # |
| 24)                         | Chlordane-2     | 5.154  | 4.355  | 955230   | 1303702  | 8.804  | 10.842   |
| 25)                         | Chlordane-3     | 5.865  | 4.989  | 10585785 | 9497570  | 27.704 | 28.987   |
| 26)                         | Chlordane-4     | 5.949  | 5.053  | 13540171 | 14027712 | 29.281 | 41.615 # |
| 27)                         | Chlordane-5     | 6.773f | 5.948  | 2592913  | 4127387  | 32.668 | 37.124   |
| -----                       |                 |        |        |          |          |        |          |

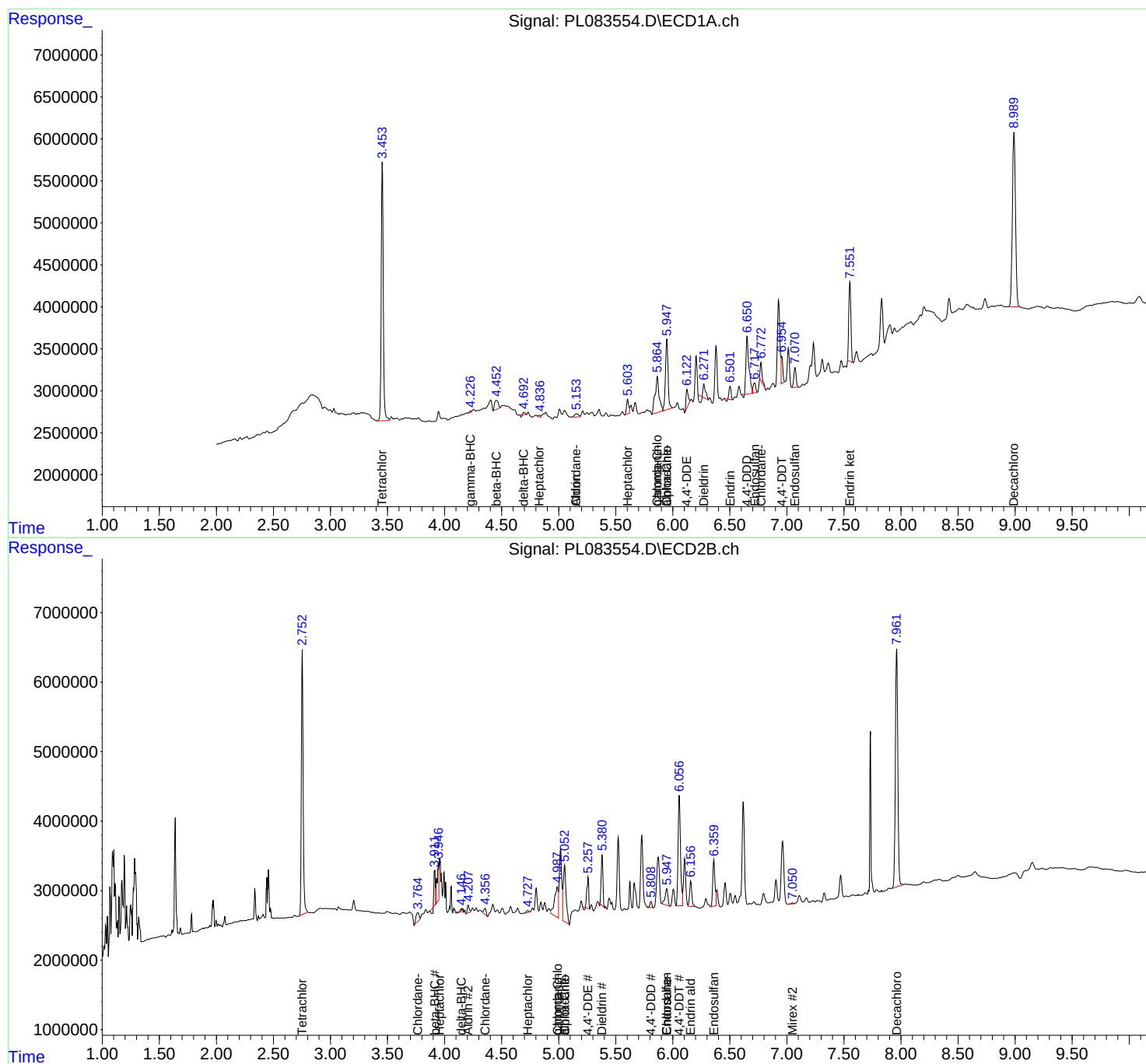
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

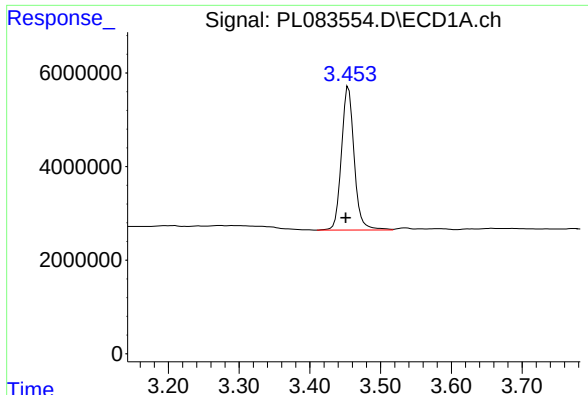
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
Data File : PL083554.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2023 19:38  
Operator : AR\AJ  
Sample : 03296-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 04:17:37 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 17 12:34:26 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

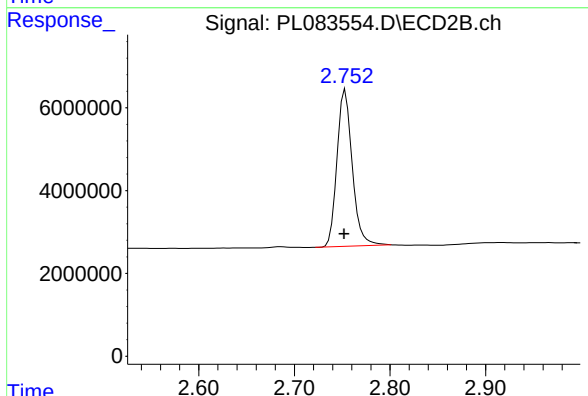




#1 Tetrachloro-m-xylene

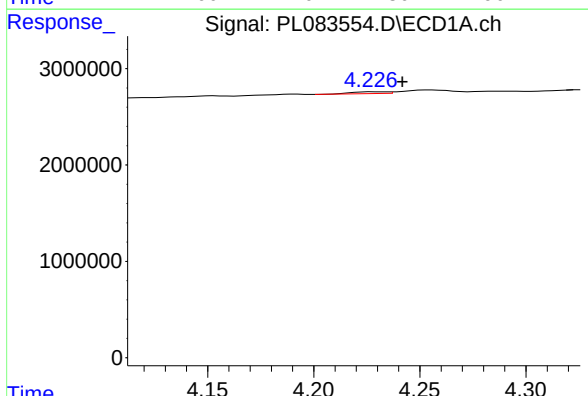
R.T.: 3.455 min  
Delta R.T.: 0.004 min  
Response: 38253017  
Conc: 17.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



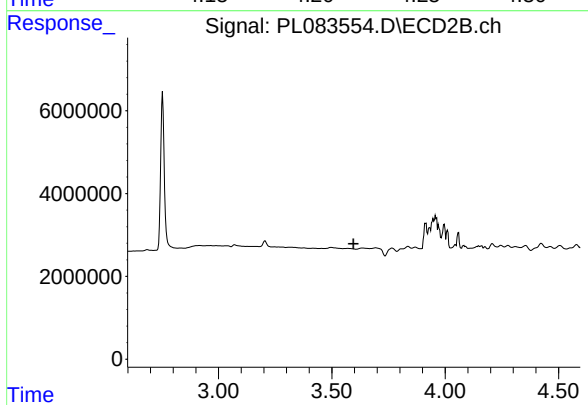
#1 Tetrachloro-m-xylene

R.T.: 2.753 min  
Delta R.T.: 0.001 min  
Response: 42026363  
Conc: 18.04 ng/ml



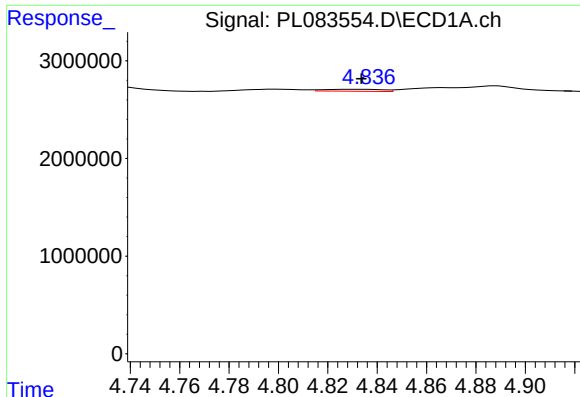
#3 gamma-BHC (Lindane)

R.T.: 4.229 min  
Delta R.T.: -0.013 min  
Response: 224281  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

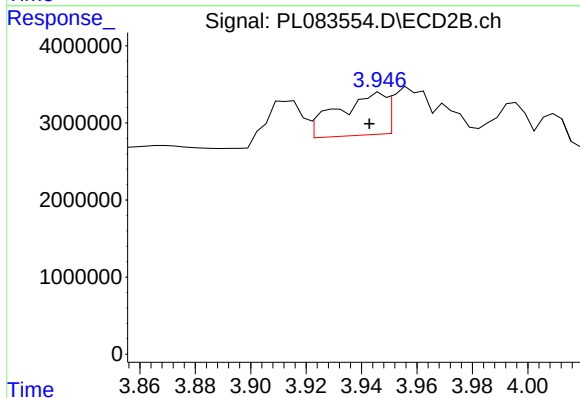
R.T.: 0.000 min  
Exp R.T. : 3.596 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

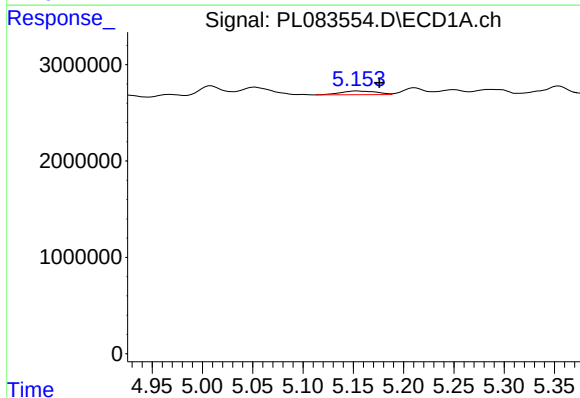
R.T.: 4.829 min  
Delta R.T.: -0.004 min  
Response: 321817  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



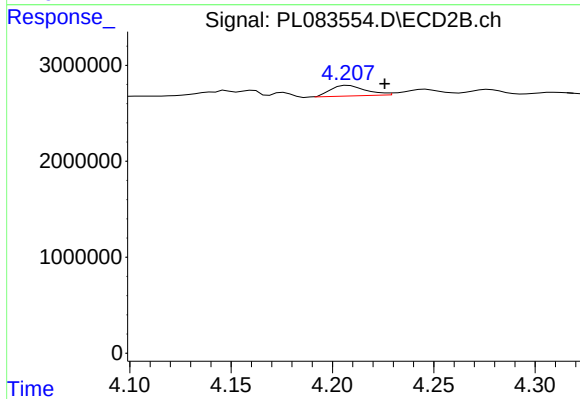
#4 Heptachlor

R.T.: 3.947 min  
Delta R.T.: 0.004 min  
Response: 6528465  
Conc: 2.11 ng/ml



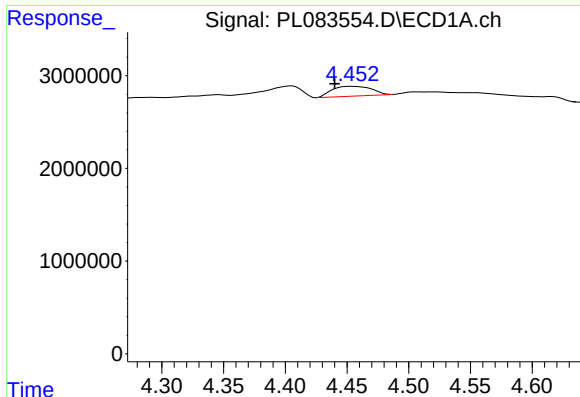
#5 Aldrin

R.T.: 5.154 min  
Delta R.T.: -0.022 min  
Response: 955230  
Conc: 0.37 ng/ml



#5 Aldrin

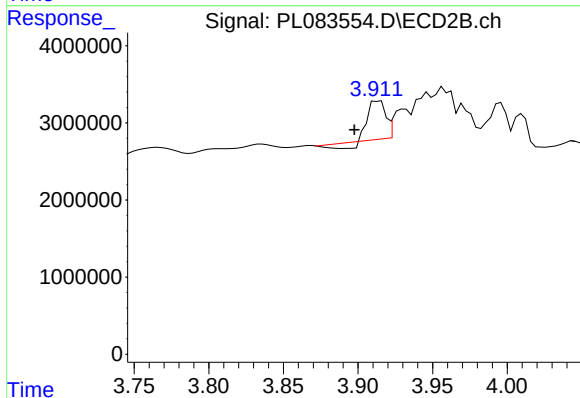
R.T.: 4.208 min  
Delta R.T.: -0.018 min  
Response: 1303800  
Conc: 0.43 ng/ml



#6 beta-BHC

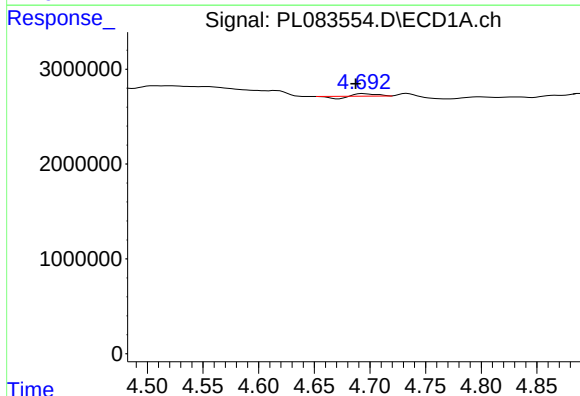
R.T.: 4.454 min  
Delta R.T.: 0.014 min  
Response: 2362305  
Conc: 1.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



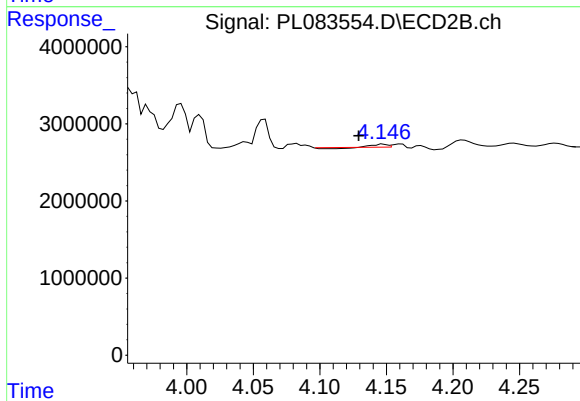
#6 beta-BHC

R.T.: 3.915 min  
Delta R.T.: 0.017 min  
Response: 3377086  
Conc: 2.26 ng/ml



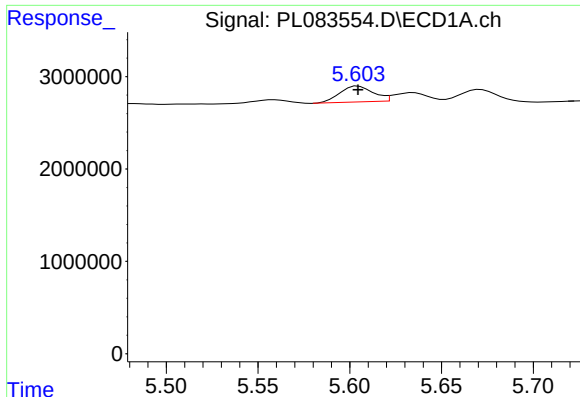
#7 delta-BHC

R.T.: 4.694 min  
Delta R.T.: 0.006 min  
Response: 138758  
Conc: 0.05 ng/ml



#7 delta-BHC

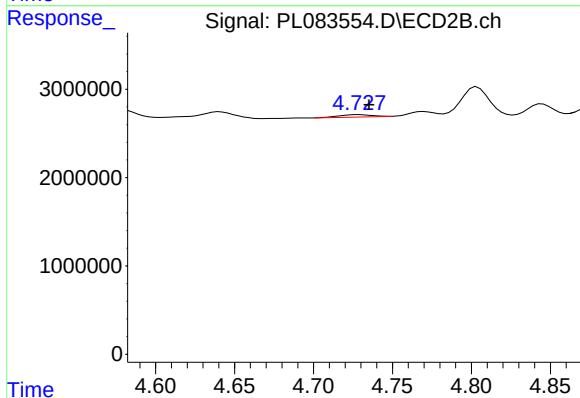
R.T.: 4.147 min  
Delta R.T.: 0.018 min  
Response: 110235  
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

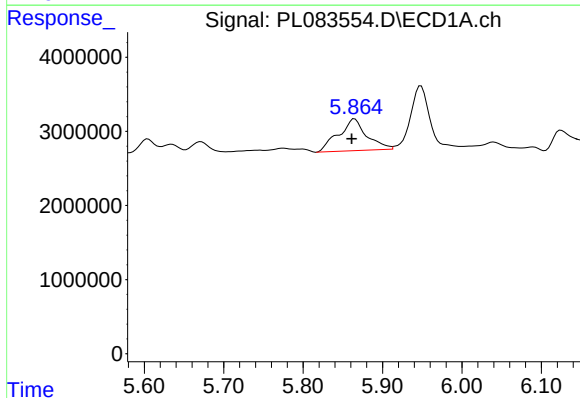
R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 2174767  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



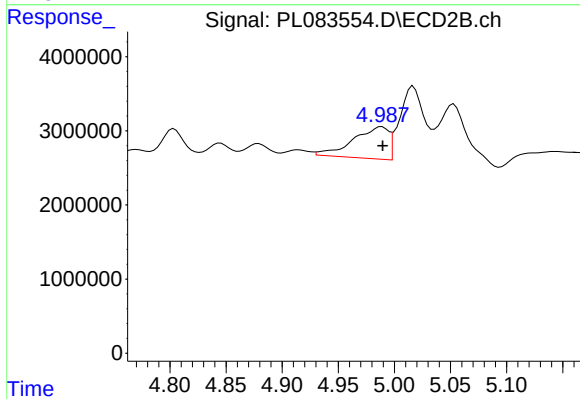
#8 Heptachlor epoxide

R.T.: 4.729 min  
Delta R.T.: -0.007 min  
Response: 429175  
Conc: 0.15 ng/ml



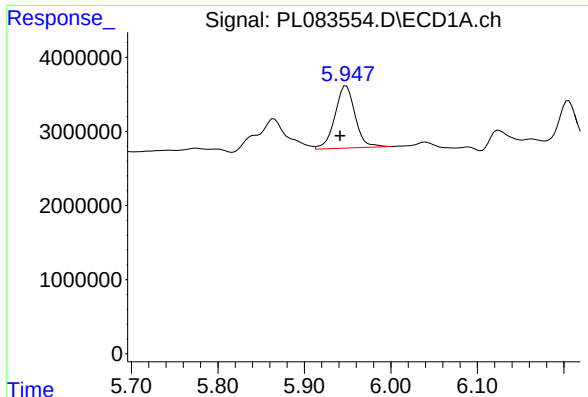
#10 gamma-Chlordane

R.T.: 5.865 min  
Delta R.T.: 0.004 min  
Response: 10585785  
Conc: 4.40 ng/ml



#10 gamma-Chlordane

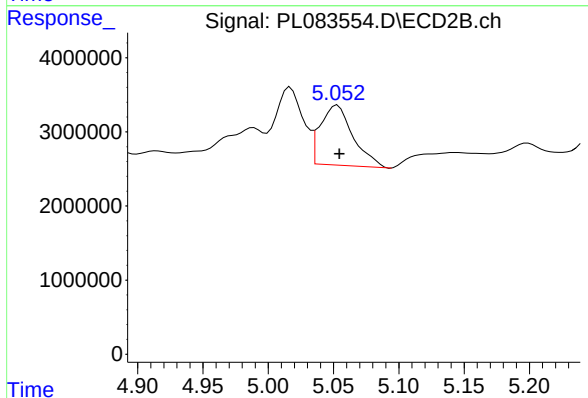
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 9497570  
Conc: 3.21 ng/ml



#11 alpha-Chlordane

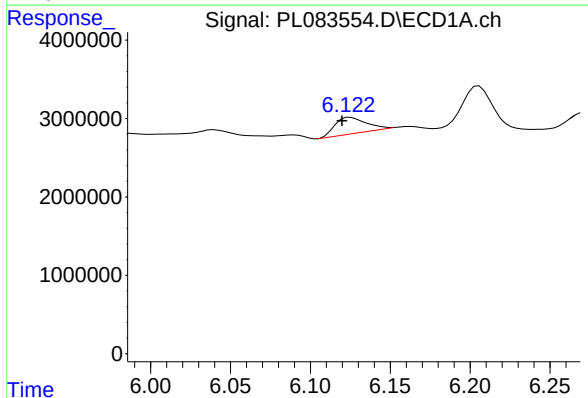
R.T.: 5.949 min  
Delta R.T.: 0.007 min  
Response: 13540171  
Conc: 5.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



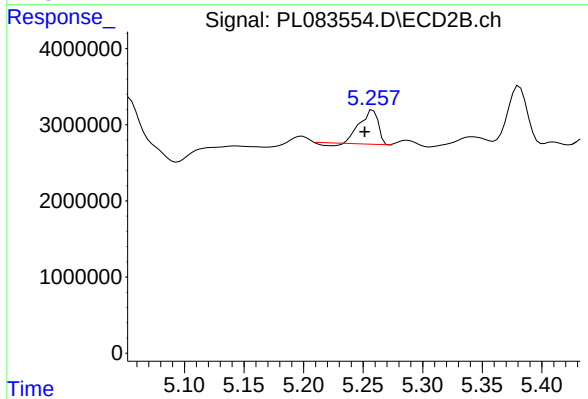
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 14027712  
Conc: 4.74 ng/ml



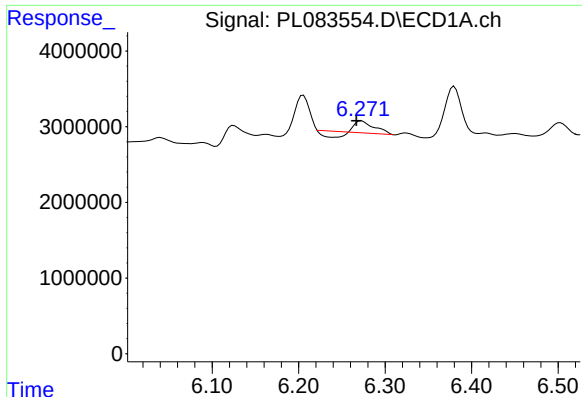
#12 4,4'-DDE

R.T.: 6.125 min  
Delta R.T.: 0.005 min  
Response: 2838851  
Conc: 1.41 ng/ml



#12 4,4'-DDE

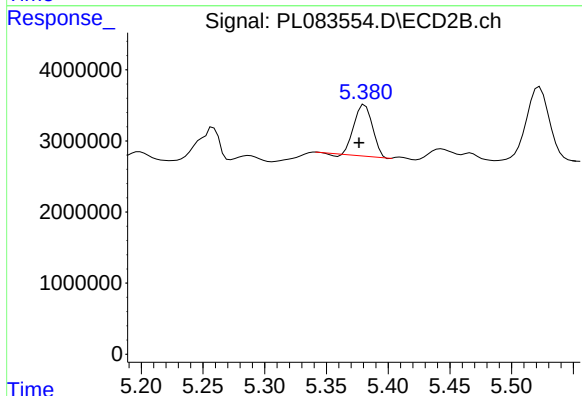
R.T.: 5.258 min  
Delta R.T.: 0.007 min  
Response: 4579657  
Conc: 1.79 ng/ml



#13 Dieldrin

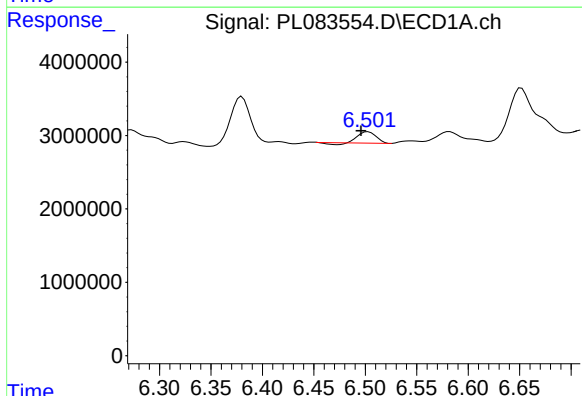
R.T.: 6.273 min  
Delta R.T.: 0.006 min  
Response: 1424112  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



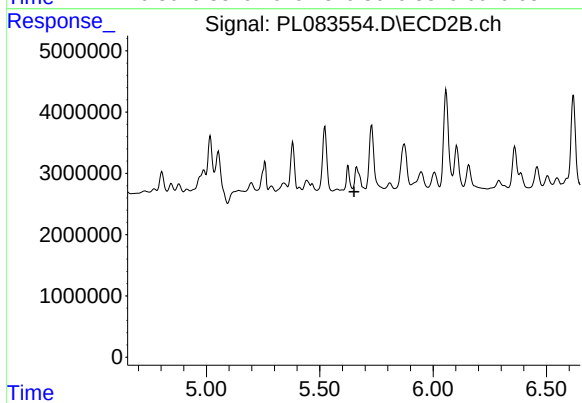
#13 Dieldrin

R.T.: 5.381 min  
Delta R.T.: 0.005 min  
Response: 7475393  
Conc: 2.67 ng/ml



#14 Endrin

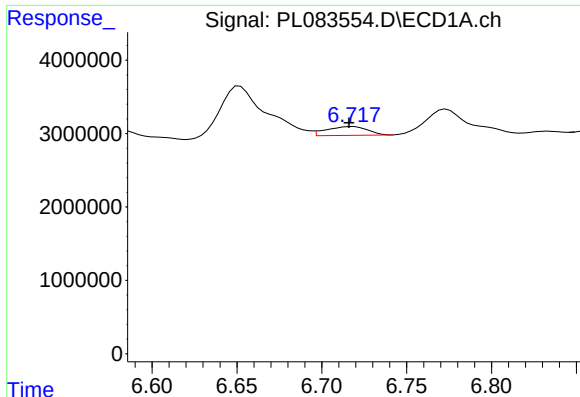
R.T.: 6.503 min  
Delta R.T.: 0.007 min  
Response: 1693686  
Conc: 0.96 ng/ml



#14 Endrin

R.T.: 5.663 min  
Delta R.T.: 0.011 min  
Response: -339018  
Conc: N.D.

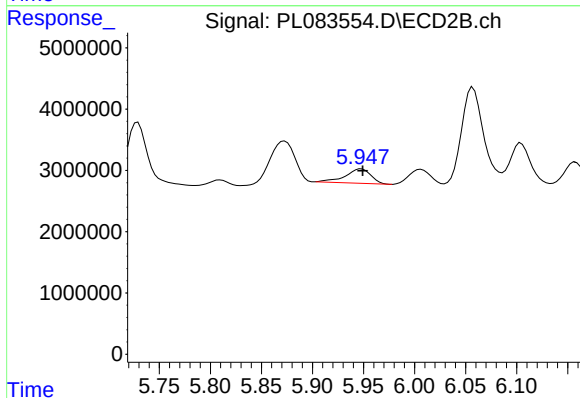




#15 Endosulfan II

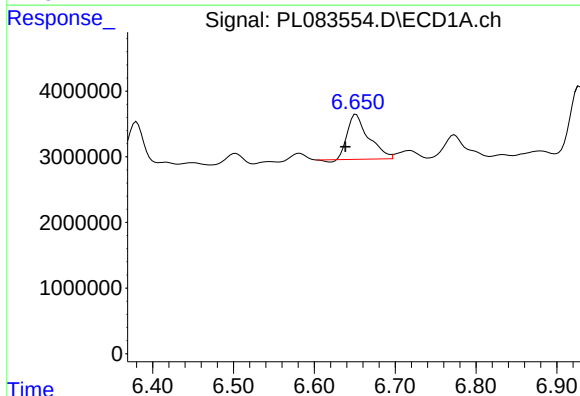
R.T.: 6.718 min  
Delta R.T.: 0.002 min  
Response: 2010845  
Conc: 1.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



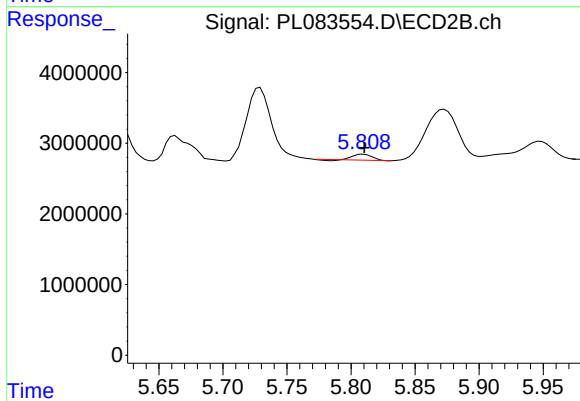
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: -0.002 min  
Response: 4127387  
Conc: 1.74 ng/ml



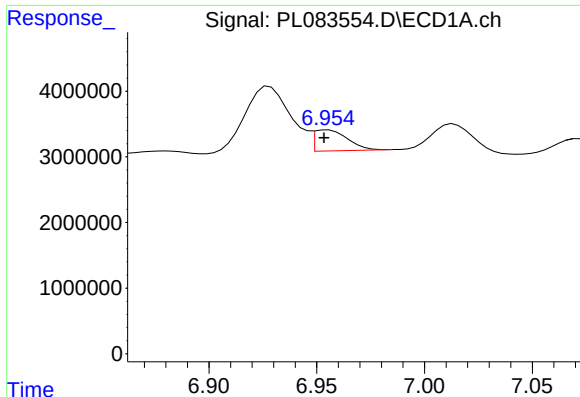
#16 4,4'-DDD

R.T.: 6.652 min  
Delta R.T.: 0.014 min  
Response: 12380052  
Conc: 7.25 ng/ml



#16 4,4'-DDD

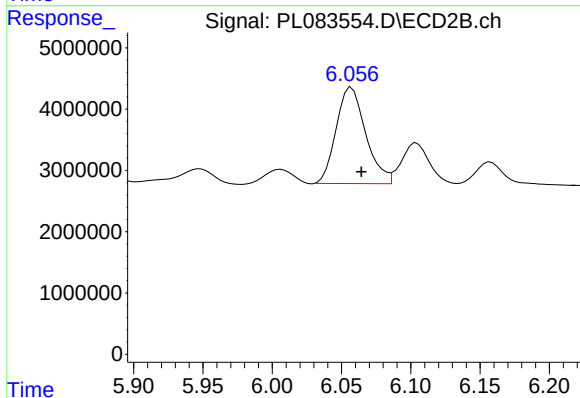
R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 818388  
Conc: 0.37 ng/ml



#17 4,4'-DDT

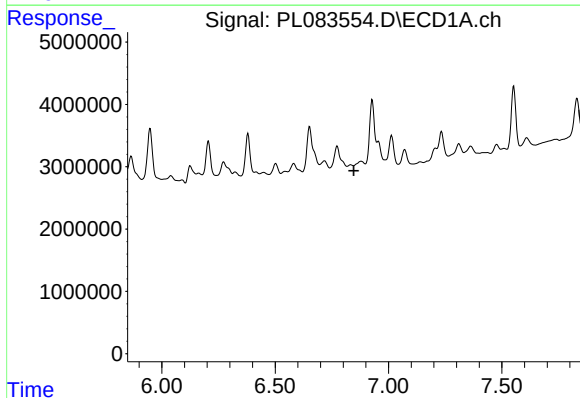
R.T.: 6.955 min  
Delta R.T.: 0.002 min  
Response: 3434877  
Conc: 2.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



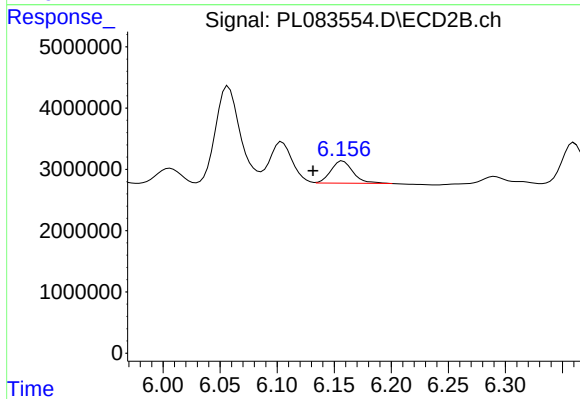
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: -0.007 min  
Response: 23351433  
Conc: 11.18 ng/ml



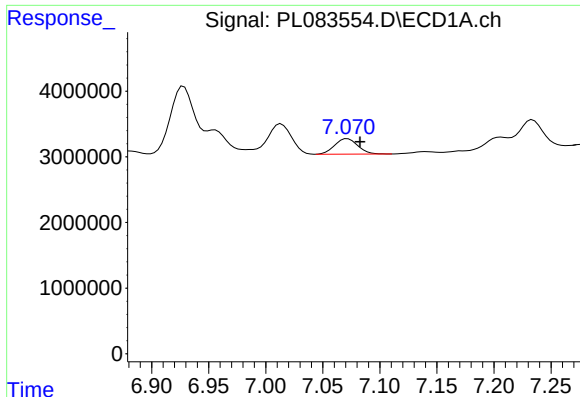
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.847 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

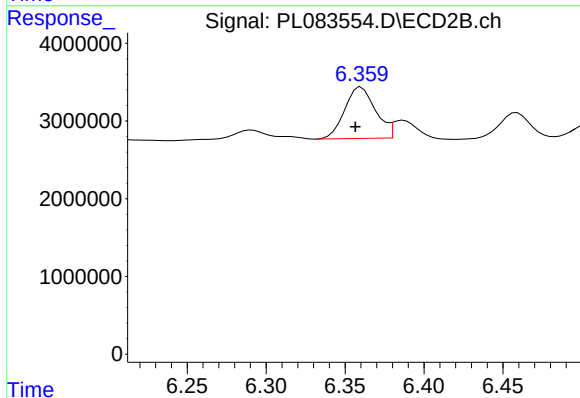
R.T.: 6.158 min  
Delta R.T.: 0.026 min  
Response: 4909438  
Conc: 2.60 ng/ml



#19 Endosulfan Sulfate

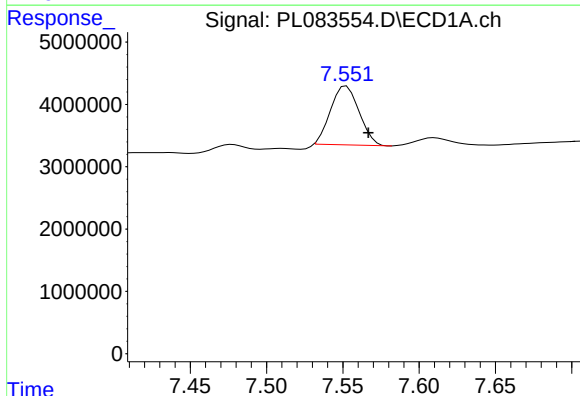
R.T.: 7.072 min  
Delta R.T.: -0.011 min  
Response: 3297265  
Conc: 1.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



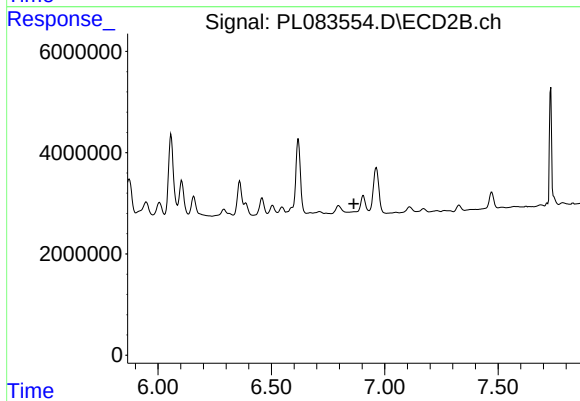
#19 Endosulfan Sulfate

R.T.: 6.360 min  
Delta R.T.: 0.004 min  
Response: 8963842  
Conc: 3.70 ng/ml



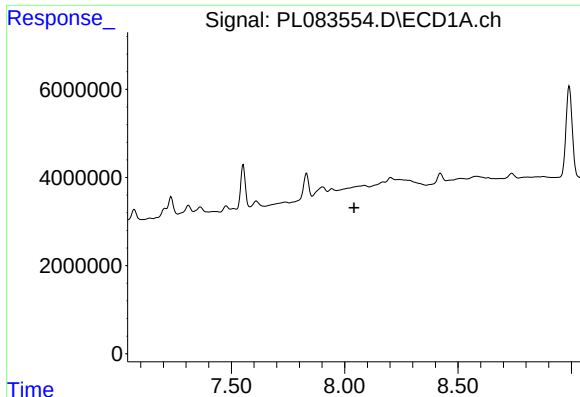
#21 Endrin ketone

R.T.: 7.552 min  
Delta R.T.: -0.014 min  
Response: 12255357  
Conc: 5.72 ng/ml



#21 Endrin ketone

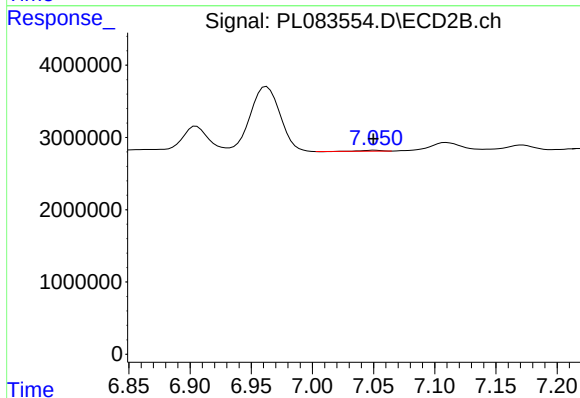
R.T.: 0.000 min  
Exp R.T. : 6.863 min  
Response: 0  
Conc: N.D.



#22 Mirex

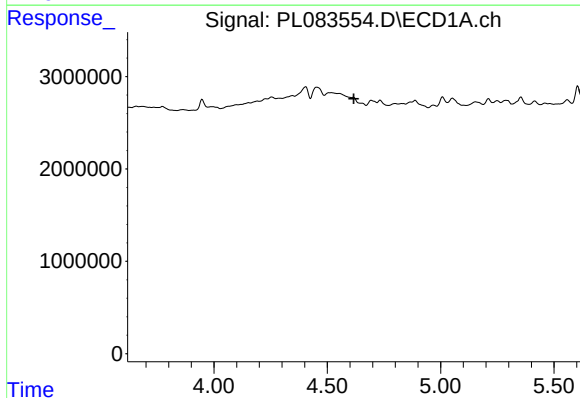
R.T.: 0.000 min  
Exp R.T.: 8.041 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



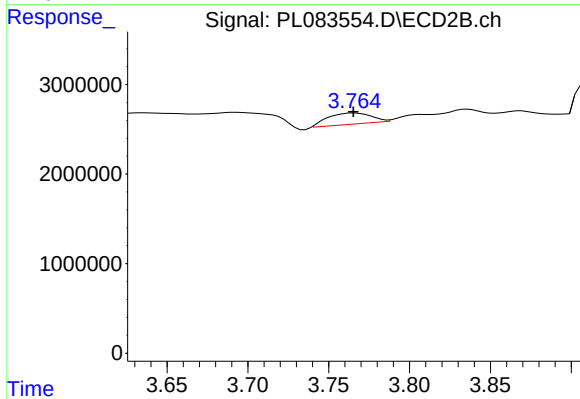
#22 Mirex

R.T.: 7.051 min  
Delta R.T.: 0.001 min  
Response: 130772  
Conc: 0.05 ng/ml



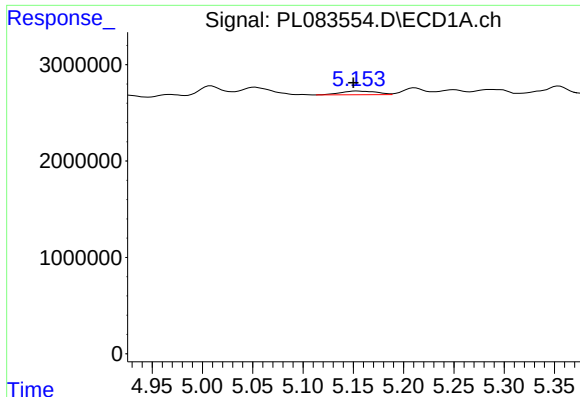
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

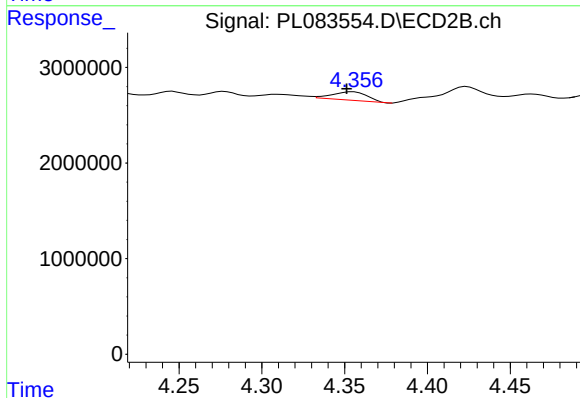
R.T.: 3.766 min  
Delta R.T.: 0.000 min  
Response: 2311280  
Conc: 23.58 ng/ml



#24 Chlordane-2

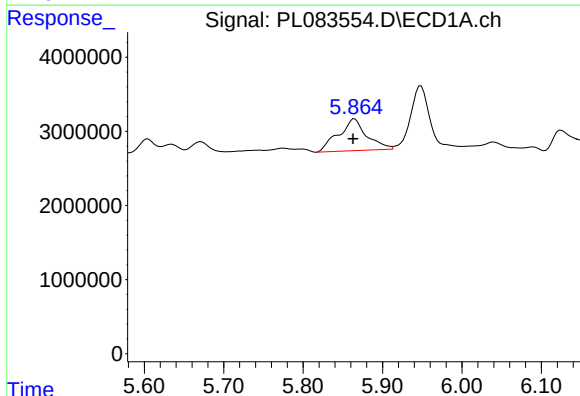
R.T.: 5.154 min  
Delta R.T.: 0.004 min  
Response: 955230  
Conc: 8.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



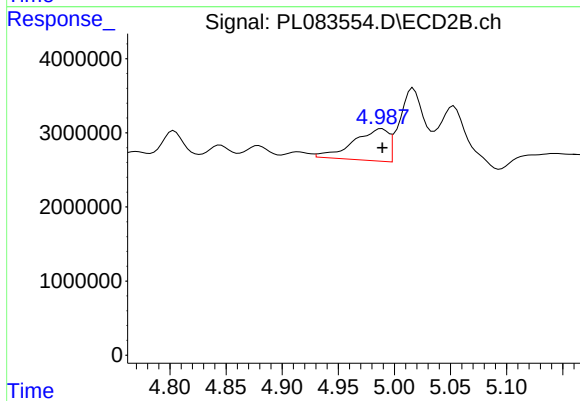
#24 Chlordane-2

R.T.: 4.355 min  
Delta R.T.: 0.004 min  
Response: 1303702  
Conc: 10.84 ng/ml



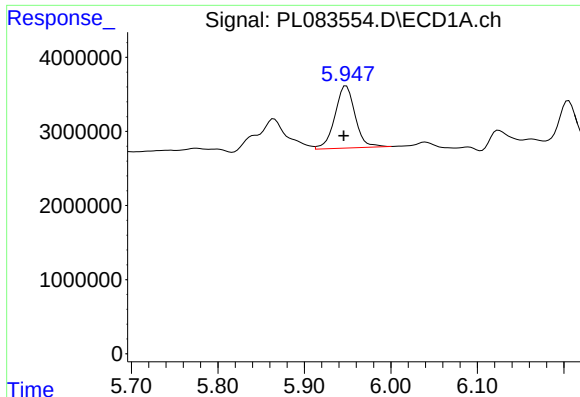
#25 Chlordane-3

R.T.: 5.865 min  
Delta R.T.: 0.002 min  
Response: 10585785  
Conc: 27.70 ng/ml



#25 Chlordane-3

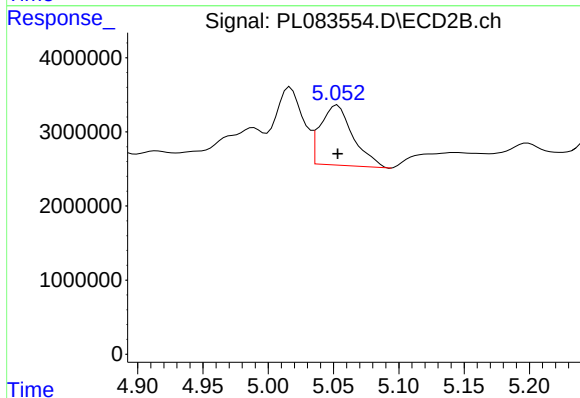
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 9497570  
Conc: 28.99 ng/ml



#26 Chlordane-4

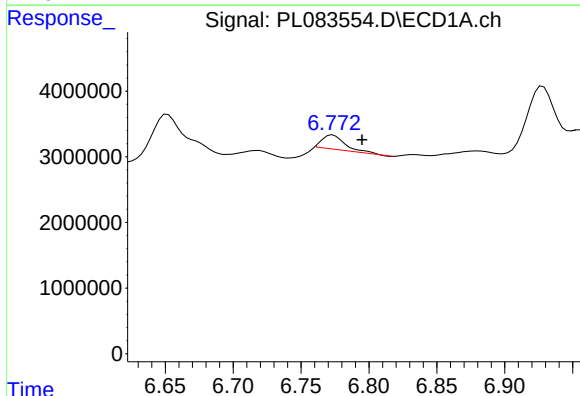
R.T.: 5.949 min  
Delta R.T.: 0.003 min  
Response: 13540171  
Conc: 29.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



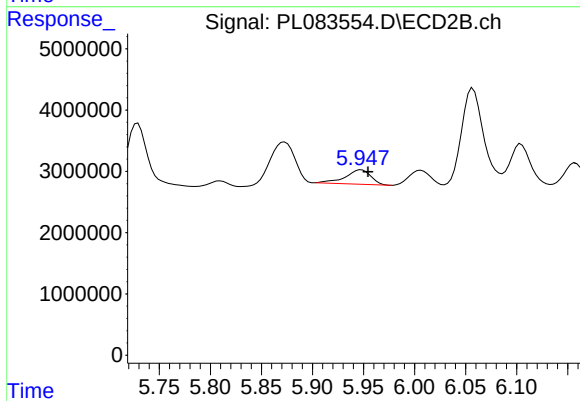
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 14027712  
Conc: 41.62 ng/ml



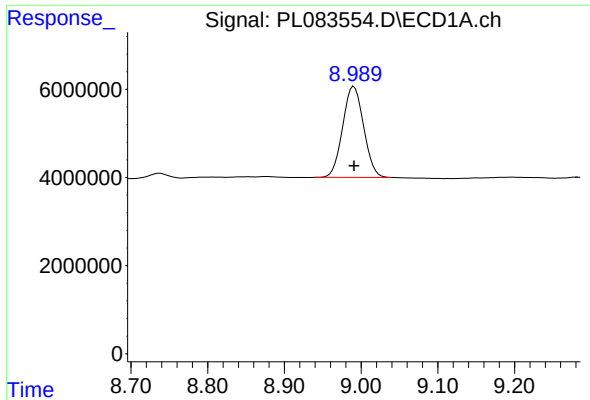
#27 Chlordane-5

R.T.: 6.773 min  
Delta R.T.: -0.022 min  
Response: 2592913  
Conc: 32.67 ng/ml



#27 Chlordane-5

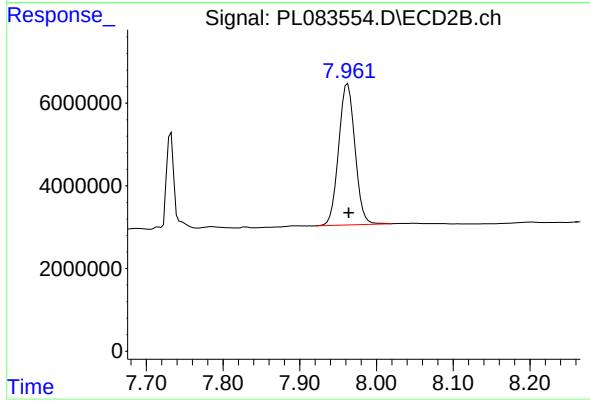
R.T.: 5.948 min  
Delta R.T.: -0.006 min  
Response: 4127387  
Conc: 37.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.000 min  
Response: 39413300  
Conc: 20.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.002 min  
Response: 50650552  
Conc: 20.62 ng/ml