

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095352.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 17:46  
 Operator : AR\AJ  
 Sample : Q1848-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 01:27:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|-----------|----------|---------|-----------|
| -----                       |                 |        |        |           |          |         |           |
| System Monitoring Compounds |                 |        |        |           |          |         |           |
| 1)                          | SA Tetrachlo... | 3.594  | 2.905  | 59209535  | 65821432 | 18.136  | 20.700    |
| 28)                         | SA Decachlor... | 9.118  | 8.066f | -48603086 | 98862815 | N.D.    | 33.408    |
| Target Compounds            |                 |        |        |           |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.445f | 0         | 15045283 | N.D.    | 3.382 #   |
| 3)                          | MA gamma-BHC... | 4.348f | 3.753  | 45559424  | 27149986 | 9.624   | 6.173 #   |
| 4)                          | MA Heptachlor   | 0.000  | 4.116  | 0         | 5275876  | N.D.    | 1.211 #   |
| 5)                          | MB Aldrin       | 5.317  | 4.394  | 17847622  | 28115050 | 3.886   | 6.831 #   |
| 6)                          | B beta-BHC      | 0.000  | 4.063f | 0         | 10770762 | N.D.    | 5.189 #   |
| 7)                          | B delta-BHC     | 4.822  | 0.000  | 8260262   | 0        | 1.776   | N.D. #    |
| 8)                          | Heptachlo...    | 5.731  | 4.889  | 45013877  | 14398635 | 11.239  | 3.728 #   |
| 9)                          | A Endosulfan I  | 6.145f | 5.281  | 72273985  | 307.0E6  | 19.032  | 83.871 #  |
| 10)                         | B gamma-Chl...  | 5.991  | 5.144  | 107.4E6   | 44382352 | 26.321  | 10.951 #  |
| 11)                         | B alpha-Chl...  | 6.075  | 5.208  | 117.5E6   | 82947310 | 28.891  | 20.835 #  |
| 12)                         | B 4,4'-DDE      | 6.242  | 5.396  | 30046449  | 17293515 | 7.664   | 4.252 #   |
| 13)                         | MA Dieldrin     | 6.396  | 5.527  | 31300439  | 82466470 | 8.120   | 20.277 #  |
| 14)                         | MA Endrin       | 6.620  | 0.000  | 76843599  | 0        | 24.129  | N.D. #    |
| 15)                         | B Endosulfa...  | 0.000  | 6.095  | 0         | 77872780 | N.D.    | 21.685 #  |
| 16)                         | A 4,4'-DDD      | 6.768f | 5.932f | 66489249  | 11903968 | 23.487  | 3.644 #   |
| 17)                         | MA 4,4'-DDT     | 7.068  | 6.196  | 26401066  | 112.9E6  | 9.268   | 32.859 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.271  | 0         | 39558076 | N.D.    | 15.138 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.509  | 0         | 33690369 | N.D.    | 10.154 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.753f | 0         | 33846536 | N.D.    | 17.745 #  |
| 21)                         | B Endrin ke...  | 7.656f | 0.000  | 9285684   | 0        | 3.257   | N.D. #    |
| 22)                         | Mirex           | 8.151  | 0.000  | 14255816  | 0        | 6.000   | N.D. #    |
| 23)                         | Chlordane-1     | 4.761  | 3.921  | 8610335   | 23178118 | 44.041  | 149.887 # |
| 24)                         | Chlordane-2     | 5.285  | 4.513  | 14634137  | 7183948  | 69.122  | 39.037 #  |
| 25)                         | Chlordane-3     | 5.991  | 5.144  | 107.4E6   | 44382352 | 137.848 | 85.909 #  |
| 26)                         | Chlordane-4     | 6.075  | 5.208  | 117.5E6   | 82947310 | 124.583 | 190.854 # |
| 27)                         | Chlordane-5     | 6.918  | 6.095  | 16645618  | 77872780 | 109.809 | 421.529 # |
| -----                       |                 |        |        |           |          |         |           |

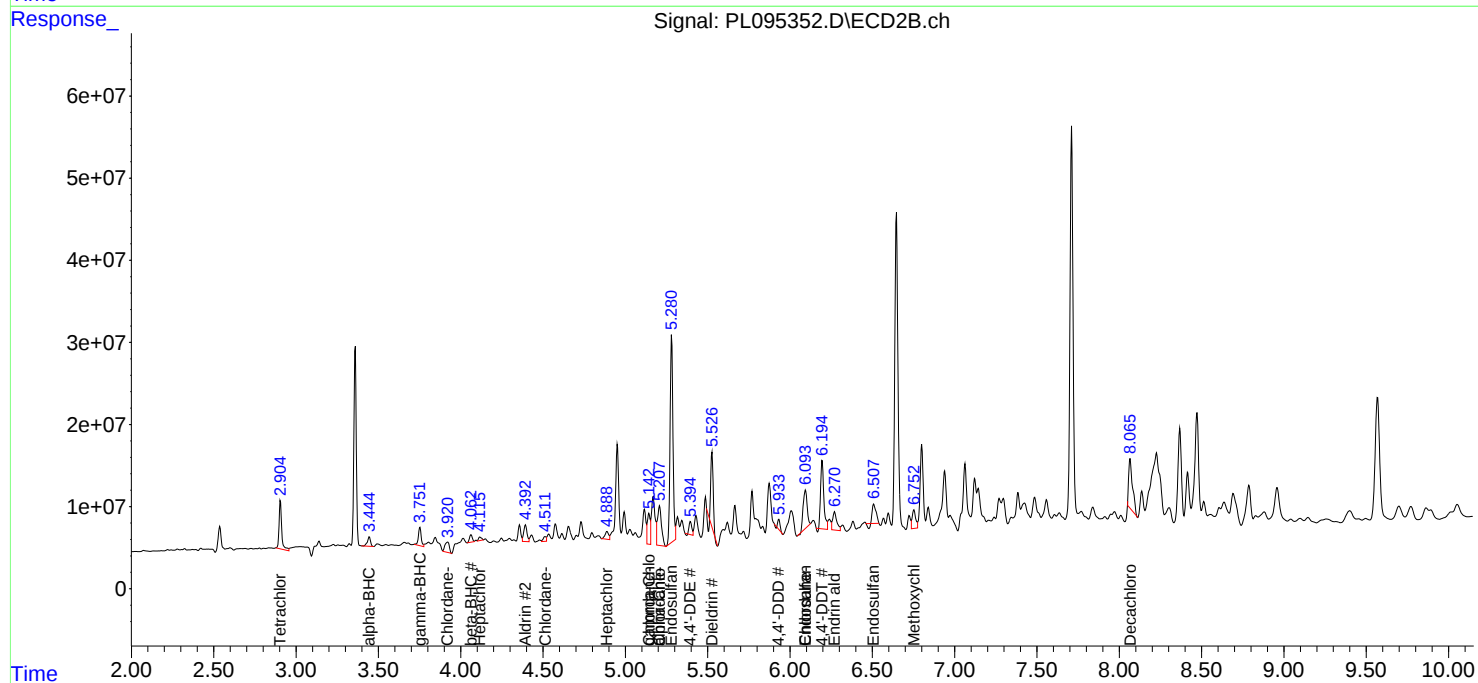
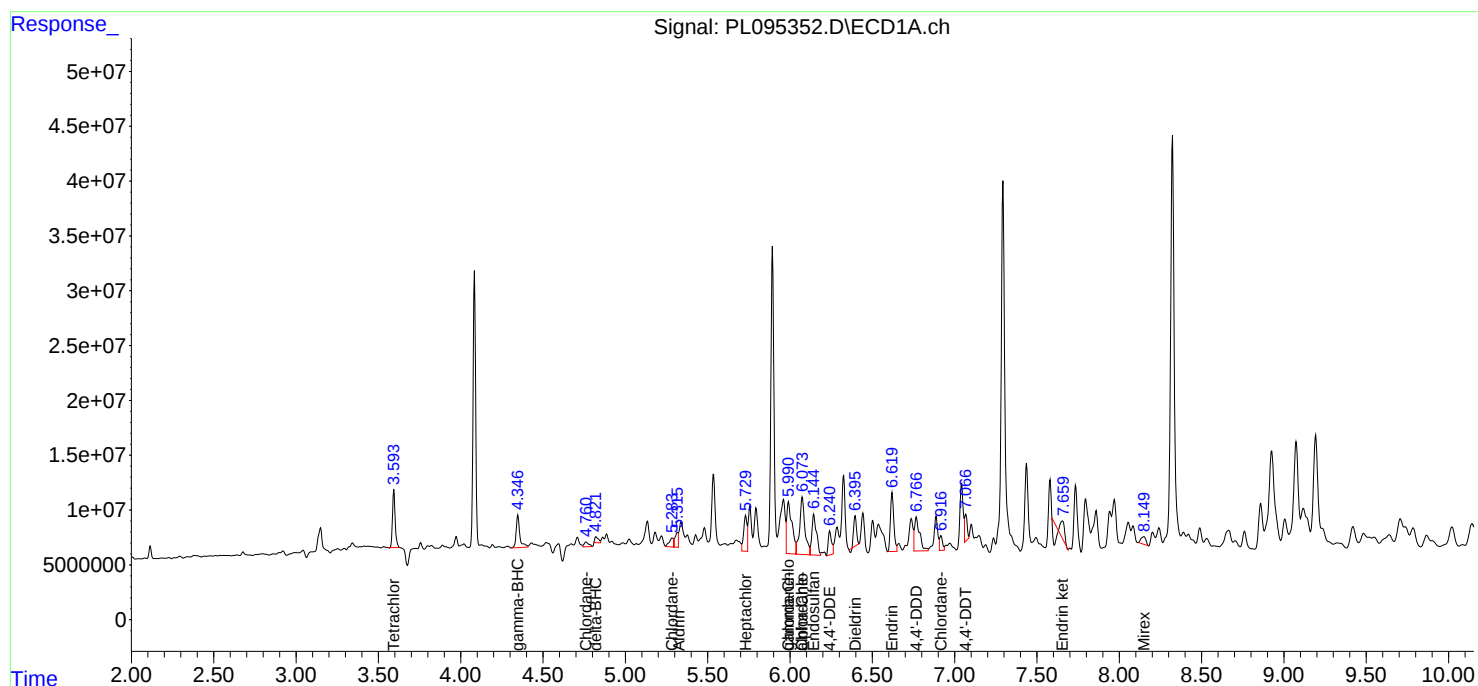
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

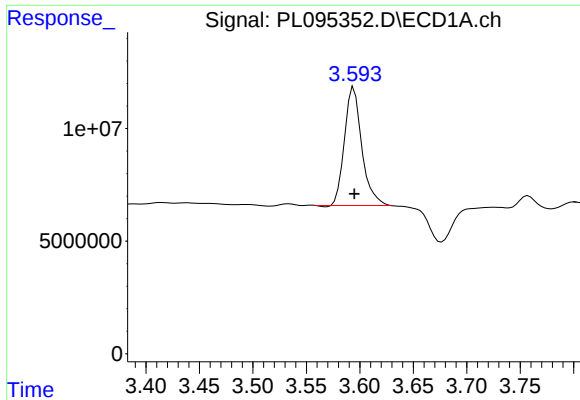
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095352.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 17:46  
Operator : AR\AJ  
Sample : Q1848-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 01:27:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

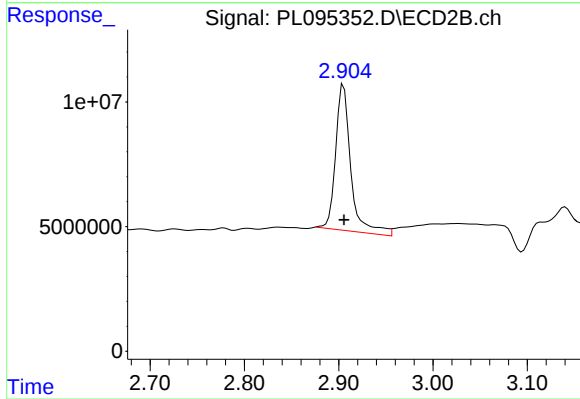




#1 Tetrachloro-m-xylene

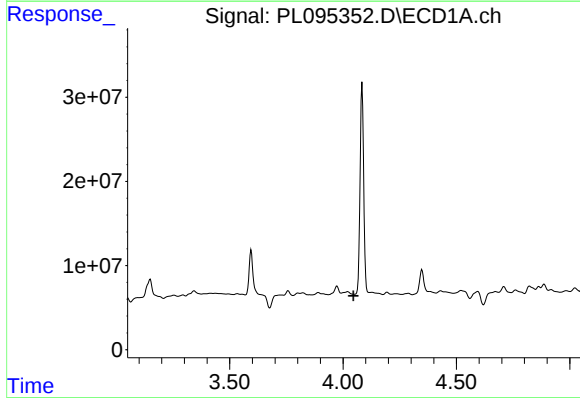
R.T.: 3.594 min  
Delta R.T.: 0.000 min  
Response: 59209535  
Conc: 18.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



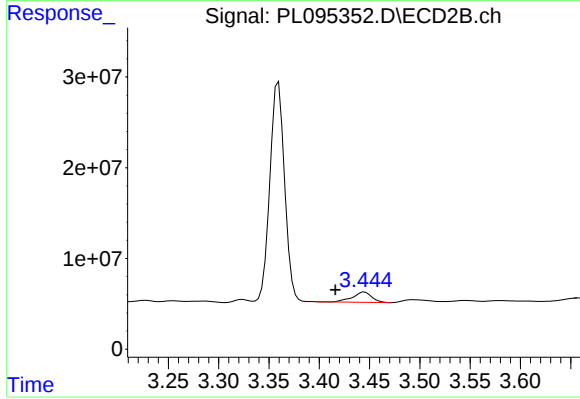
#1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 65821432  
Conc: 20.70 ng/ml



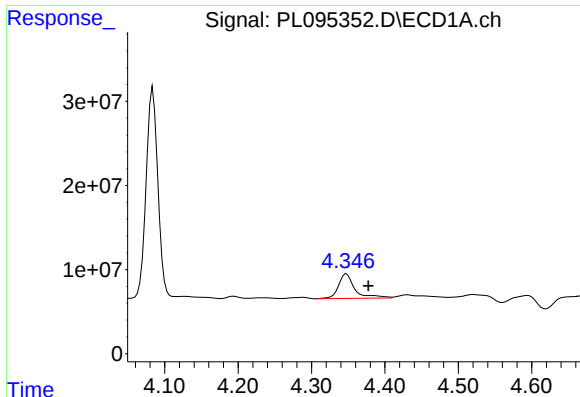
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.046 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

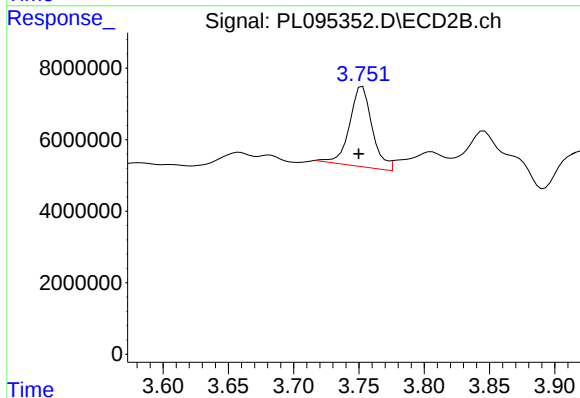
R.T.: 3.445 min  
Delta R.T.: 0.029 min  
Response: 15045283  
Conc: 3.38 ng/ml



#3 gamma-BHC (Lindane)

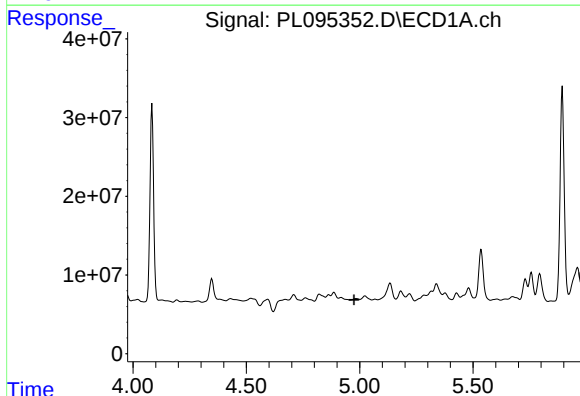
R.T.: 4.348 min  
Delta R.T.: -0.030 min  
Response: 45559424  
Conc: 9.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



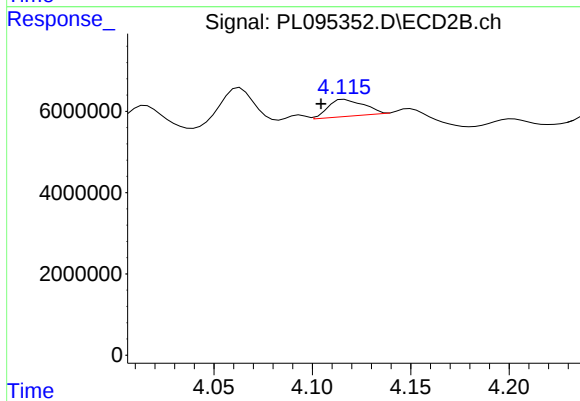
#3 gamma-BHC (Lindane)

R.T.: 3.753 min  
Delta R.T.: 0.003 min  
Response: 27149986  
Conc: 6.17 ng/ml



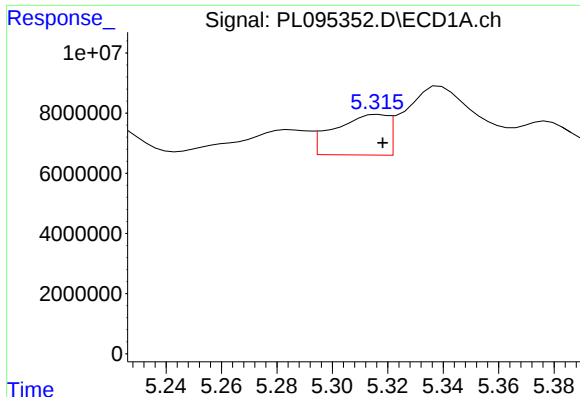
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.976 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

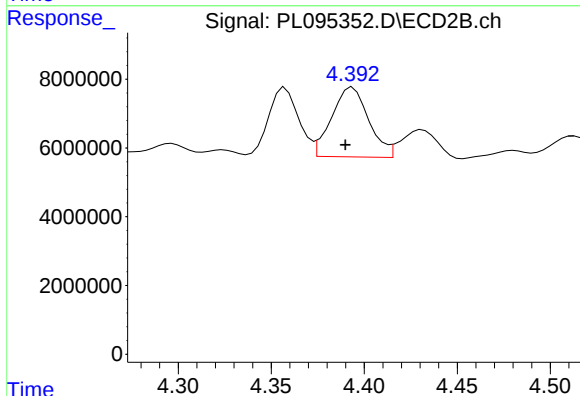
R.T.: 4.116 min  
Delta R.T.: 0.012 min  
Response: 5275876  
Conc: 1.21 ng/ml



#5 Aldrin

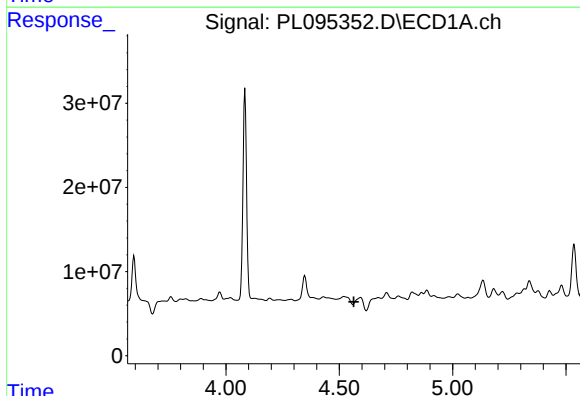
R.T.: 5.317 min  
Delta R.T.: -0.001 min  
Response: 17847622  
Conc: 3.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



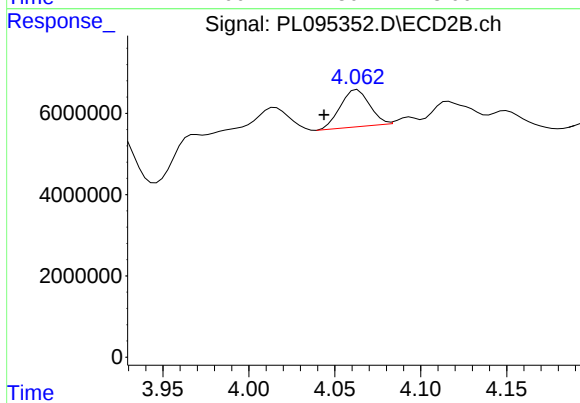
#5 Aldrin

R.T.: 4.394 min  
Delta R.T.: 0.004 min  
Response: 28115050  
Conc: 6.83 ng/ml



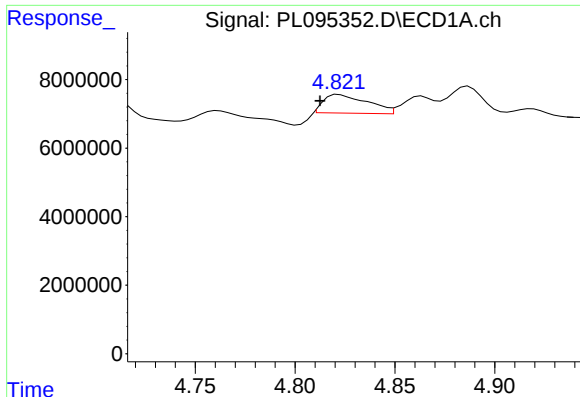
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.564 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

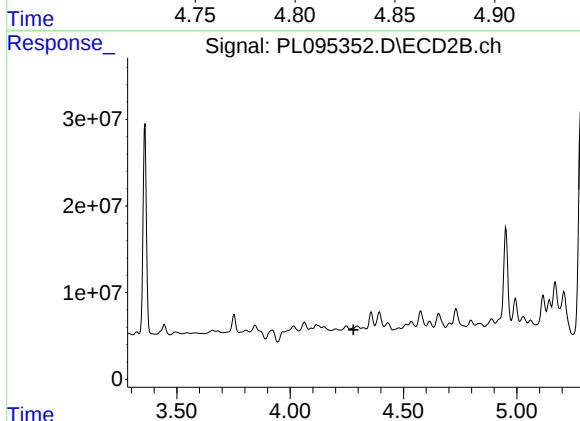
R.T.: 4.063 min  
Delta R.T.: 0.019 min  
Response: 10770762  
Conc: 5.19 ng/ml



#7 delta-BHC

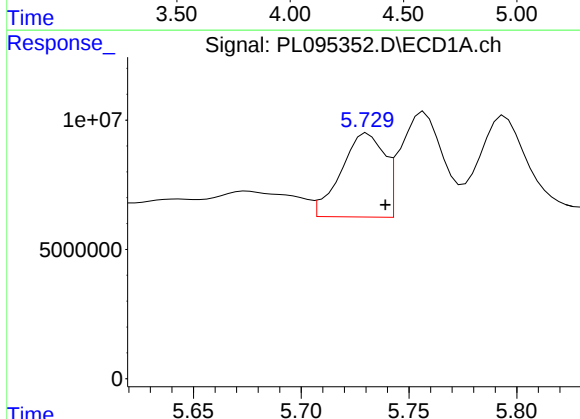
R.T.: 4.822 min  
Delta R.T.: 0.010 min  
Response: 8260262  
Conc: 1.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



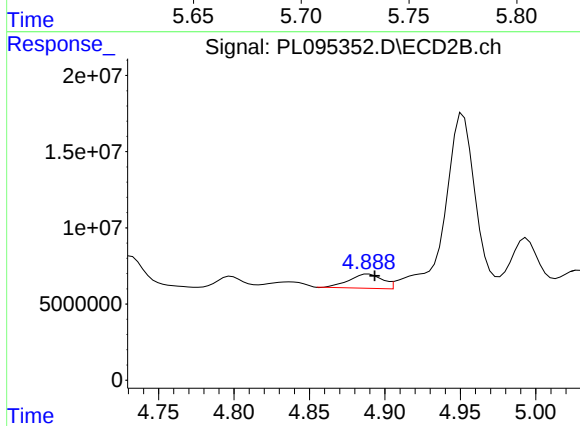
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.280 min  
Response: 0  
Conc: N.D.



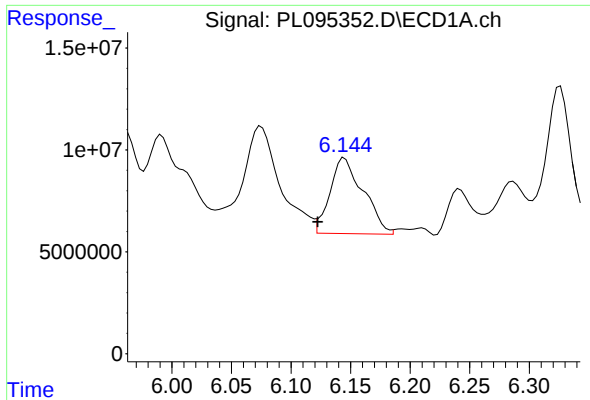
#8 Heptachlor epoxide

R.T.: 5.731 min  
Delta R.T.: -0.008 min  
Response: 45013877  
Conc: 11.24 ng/ml



#8 Heptachlor epoxide

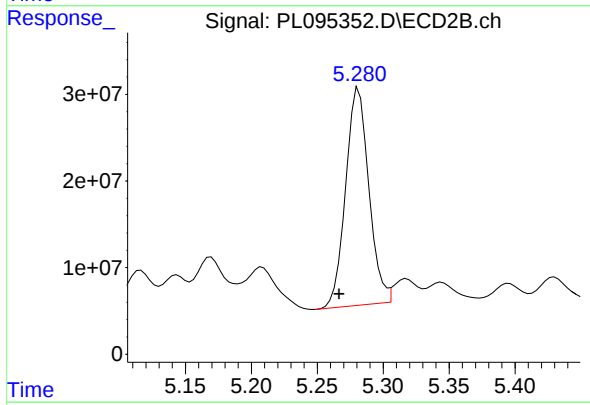
R.T.: 4.889 min  
Delta R.T.: -0.004 min  
Response: 14398635  
Conc: 3.73 ng/ml



#9 Endosulfan I

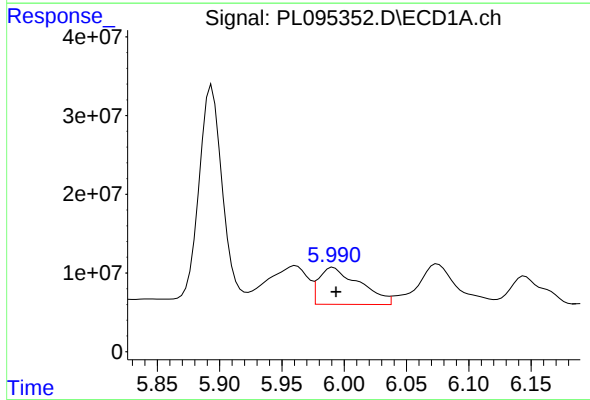
R.T.: 6.145 min  
Delta R.T.: 0.022 min  
Response: 72273985  
Conc: 19.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



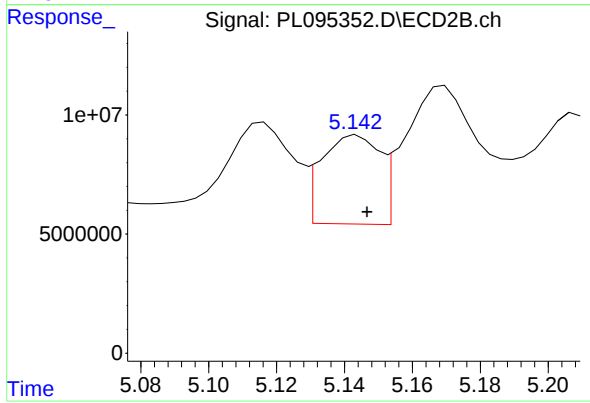
#9 Endosulfan I

R.T.: 5.281 min  
Delta R.T.: 0.015 min  
Response: 307004952  
Conc: 83.87 ng/ml



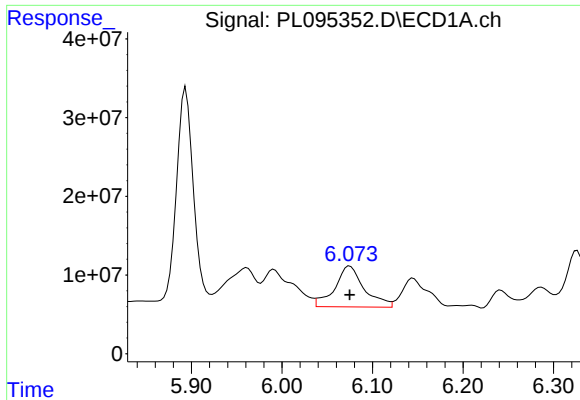
#10 gamma-Chlordane

R.T.: 5.991 min  
Delta R.T.: -0.002 min  
Response: 107373160  
Conc: 26.32 ng/ml



#10 gamma-Chlordane

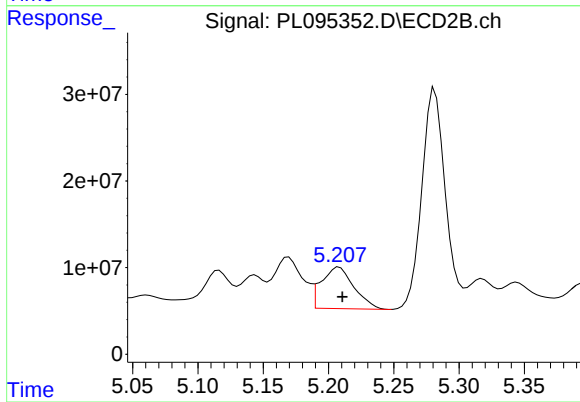
R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 44382352  
Conc: 10.95 ng/ml



#11 alpha-Chlordane

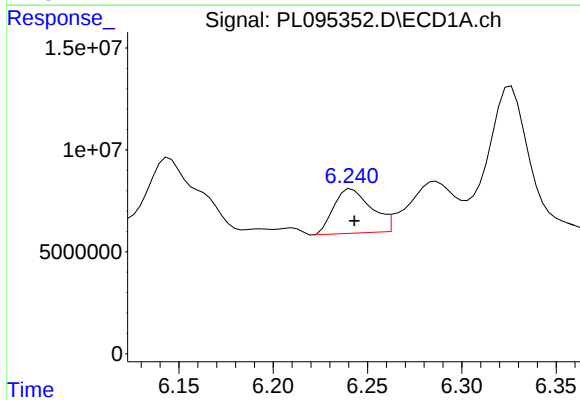
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 117472660  
Conc: 28.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



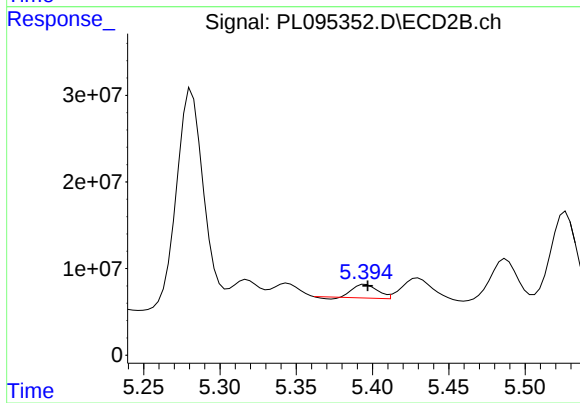
#11 alpha-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 82947310  
Conc: 20.84 ng/ml



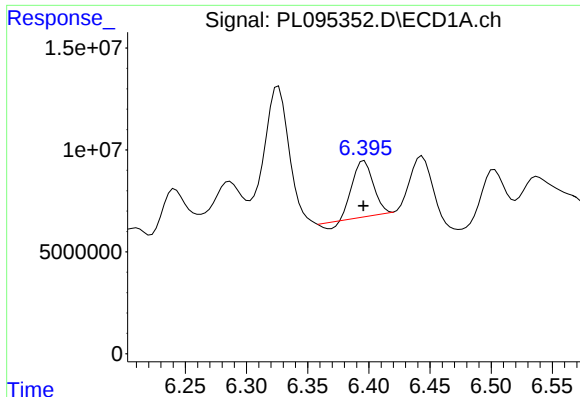
#12 4,4'-DDE

R.T.: 6.242 min  
Delta R.T.: -0.002 min  
Response: 30046449  
Conc: 7.66 ng/ml



#12 4,4'-DDE

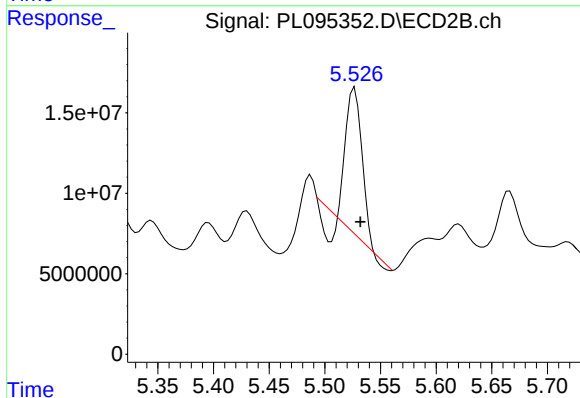
R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 17293515  
Conc: 4.25 ng/ml



#13 Dieldrin

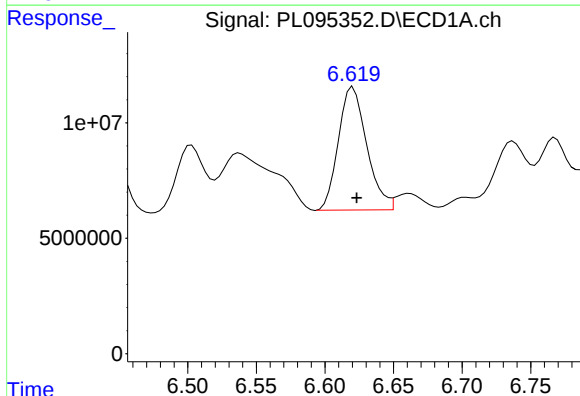
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 31300439  
Conc: 8.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



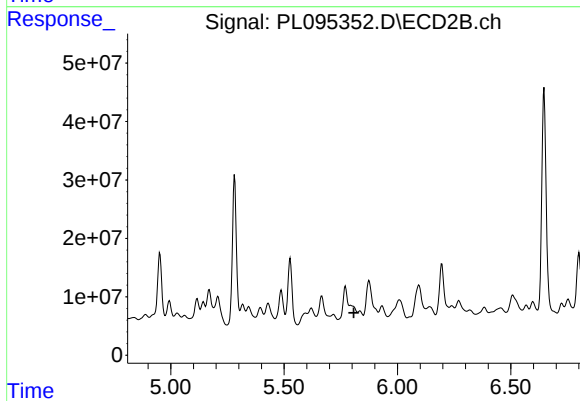
#13 Dieldrin

R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 82466470  
Conc: 20.28 ng/ml



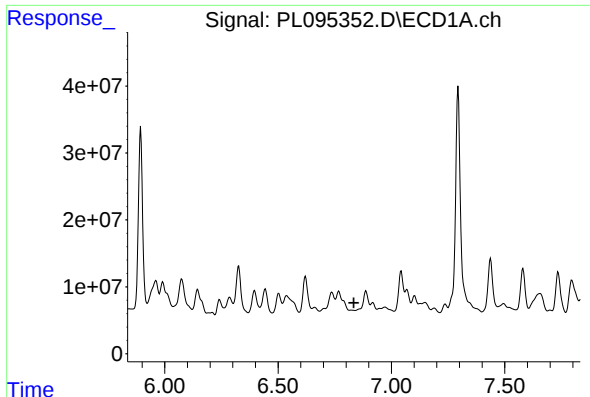
#14 Endrin

R.T.: 6.620 min  
Delta R.T.: -0.003 min  
Response: 76843599  
Conc: 24.13 ng/ml



#14 Endrin

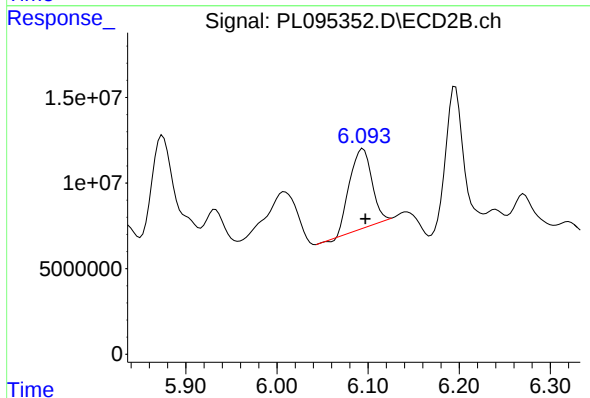
R.T.: 0.000 min  
Exp R.T.: 5.807 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

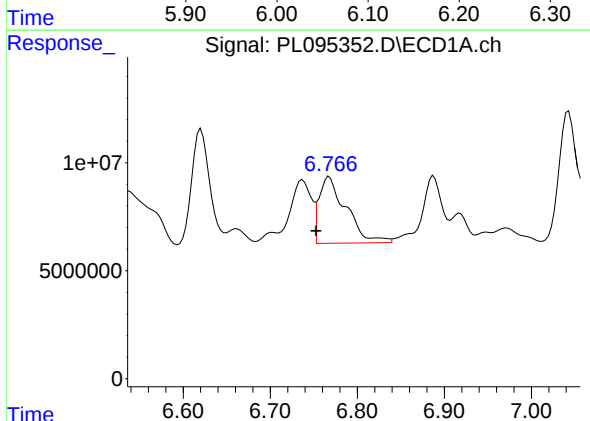
R.T.: 0.000 min  
Exp R.T.: 6.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



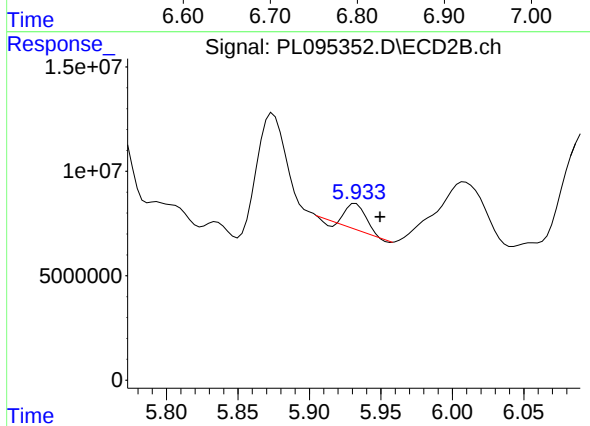
#15 Endosulfan II

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 77872780  
Conc: 21.68 ng/ml



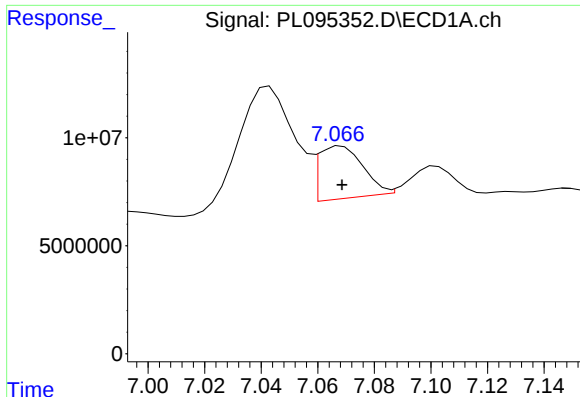
#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: 0.015 min  
Response: 66489249  
Conc: 23.49 ng/ml



#16 4,4'-DDD

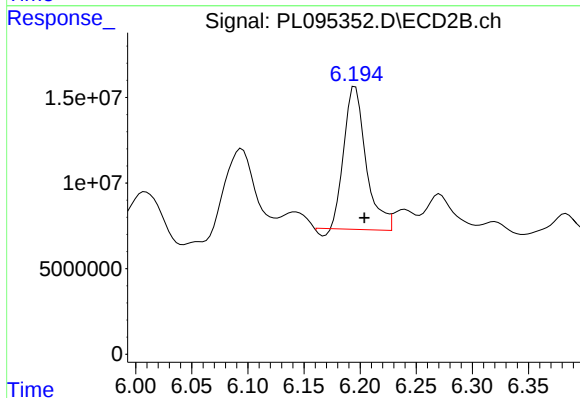
R.T.: 5.932 min  
Delta R.T.: -0.017 min  
Response: 11903968  
Conc: 3.64 ng/ml



#17 4,4'-DDT

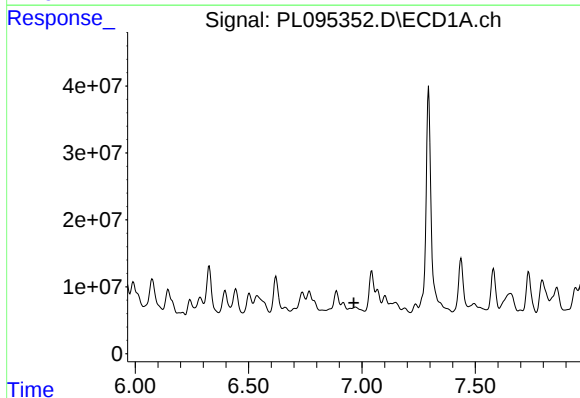
R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 26401066  
Conc: 9.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



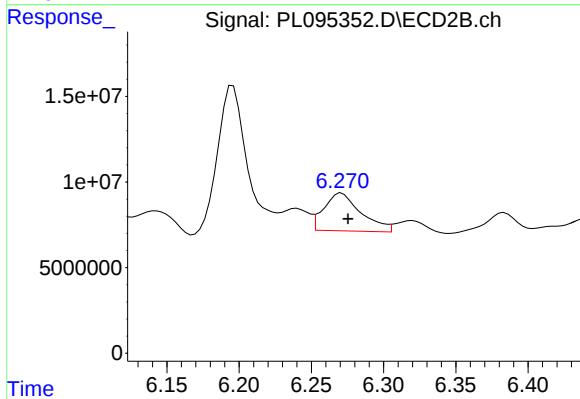
#17 4,4'-DDT

R.T.: 6.196 min  
Delta R.T.: -0.008 min  
Response: 112908882  
Conc: 32.86 ng/ml



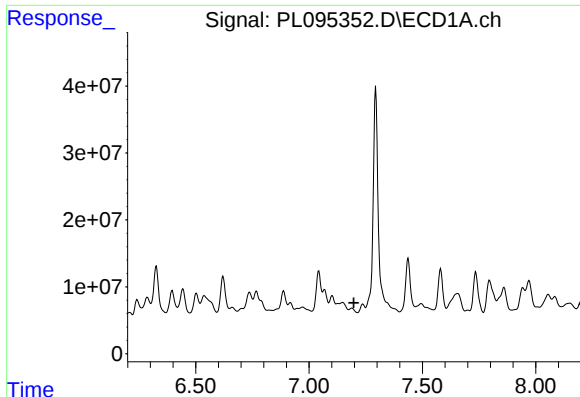
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.964 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

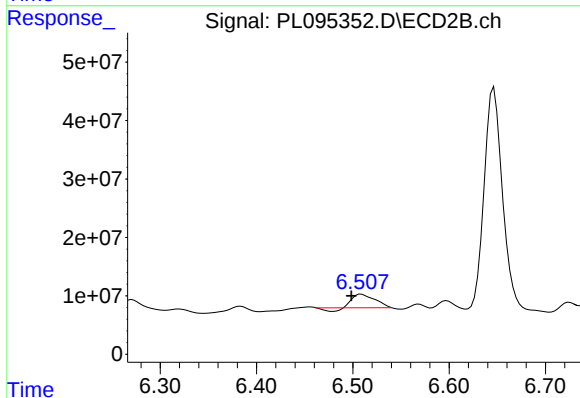
R.T.: 6.271 min  
Delta R.T.: -0.004 min  
Response: 39558076  
Conc: 15.14 ng/ml



#19 Endosulfan Sulfate

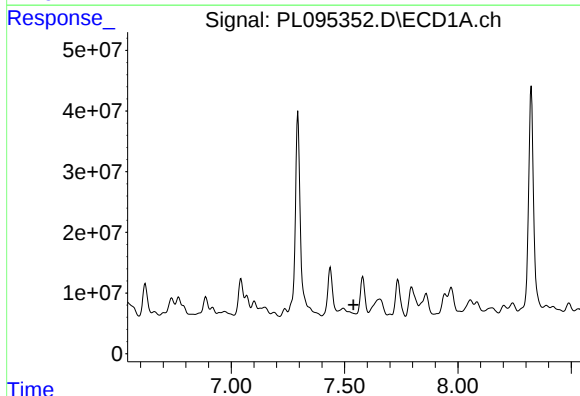
R.T.: 0.000 min  
Exp R.T.: 7.198 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



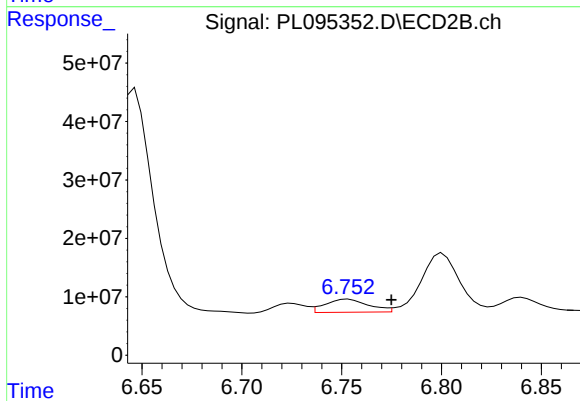
#19 Endosulfan Sulfate

R.T.: 6.509 min  
Delta R.T.: 0.010 min  
Response: 33690369  
Conc: 10.15 ng/ml



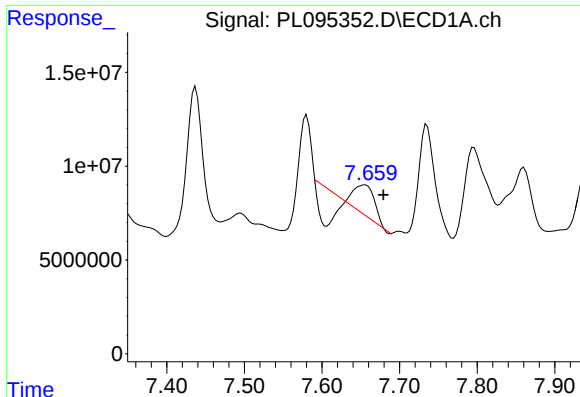
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.540 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

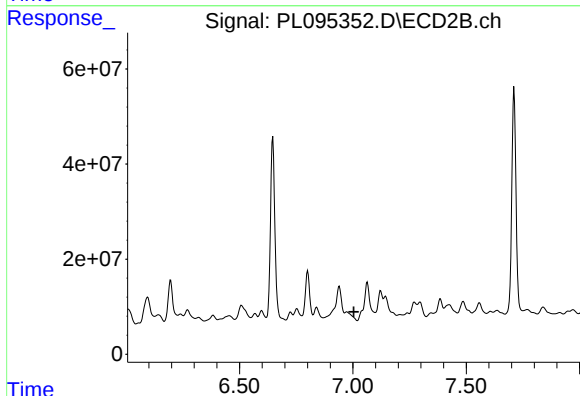
R.T.: 6.753 min  
Delta R.T.: -0.022 min  
Response: 33846536  
Conc: 17.74 ng/ml



#21 Endrin ketone

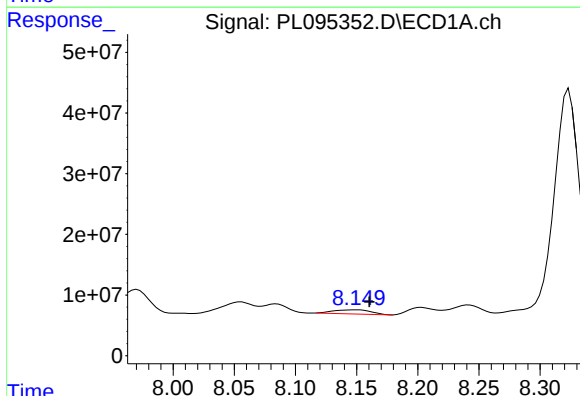
R.T.: 7.656 min  
Delta R.T.: -0.024 min  
Response: 9285684  
Conc: 3.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



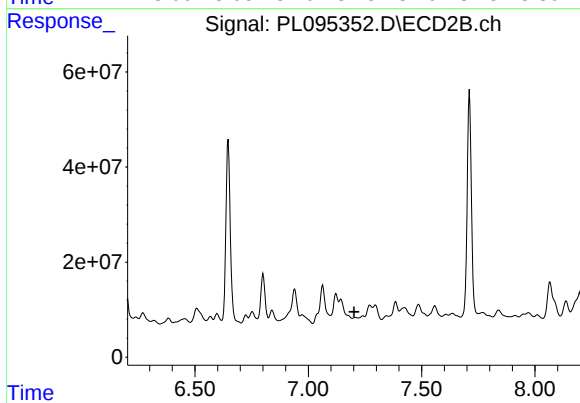
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.004 min  
Response: 0  
Conc: N.D.



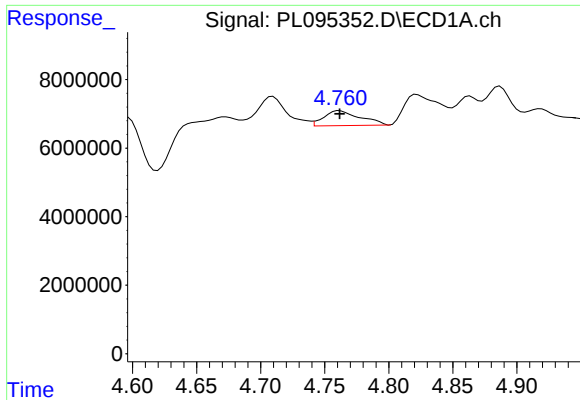
#22 Mirex

R.T.: 8.151 min  
Delta R.T.: -0.010 min  
Response: 14255816  
Conc: 6.00 ng/ml



#22 Mirex

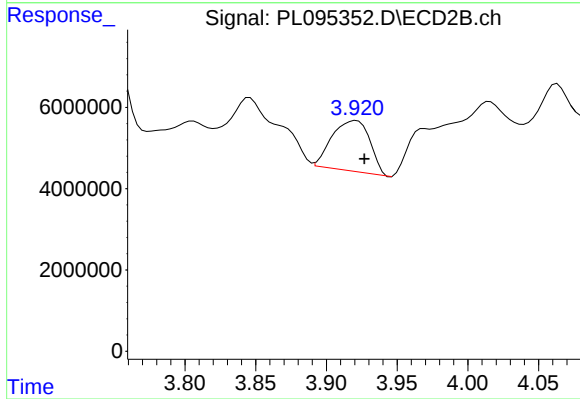
R.T.: 0.000 min  
Exp R.T. : 7.202 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

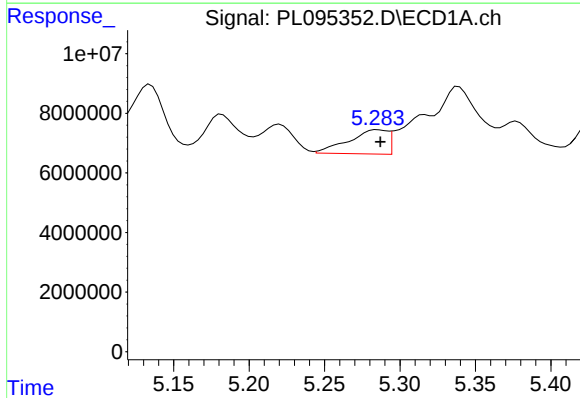
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 8610335  
Conc: 44.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



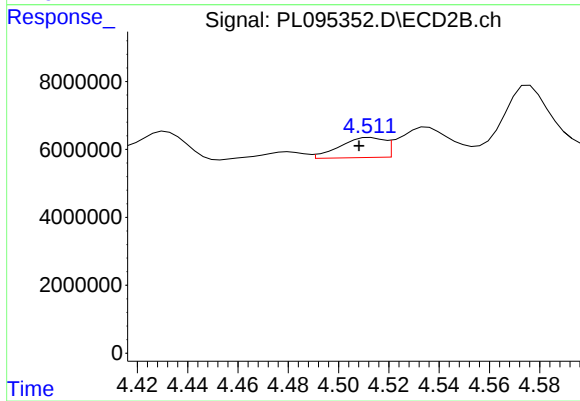
#23 Chlordane-1

R.T.: 3.921 min  
Delta R.T.: -0.006 min  
Response: 23178118  
Conc: 149.89 ng/ml



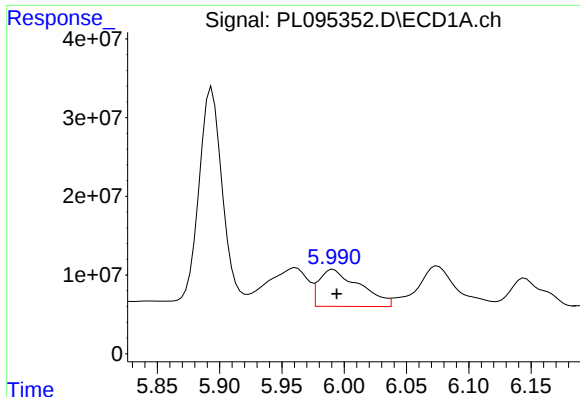
#24 Chlordane-2

R.T.: 5.285 min  
Delta R.T.: -0.002 min  
Response: 14634137  
Conc: 69.12 ng/ml



#24 Chlordane-2

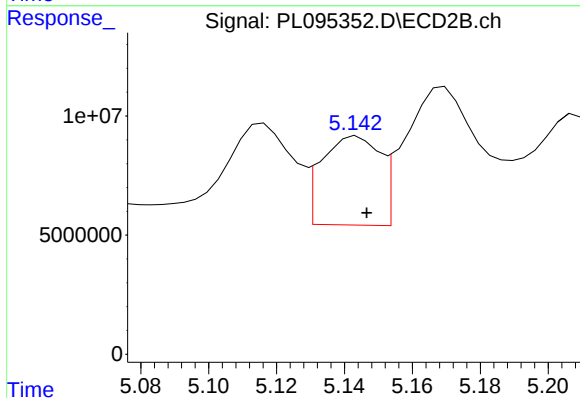
R.T.: 4.513 min  
Delta R.T.: 0.005 min  
Response: 7183948  
Conc: 39.04 ng/ml



#25 Chlordane-3

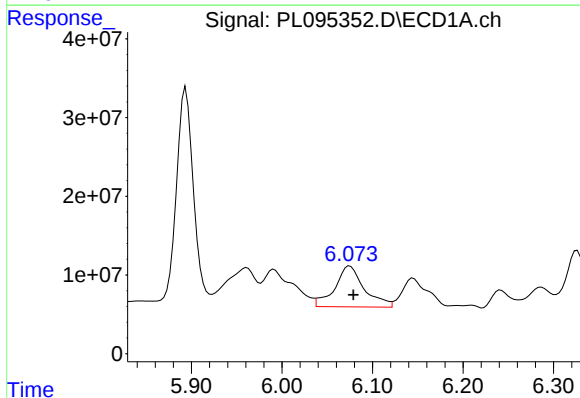
R.T.: 5.991 min  
Delta R.T.: -0.003 min  
Response: 107373160  
Conc: 137.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



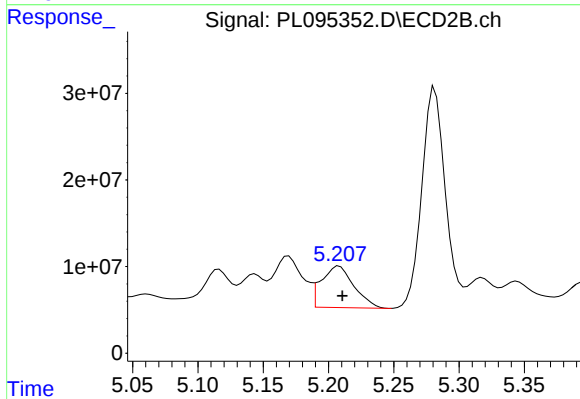
#25 Chlordane-3

R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 44382352  
Conc: 85.91 ng/ml



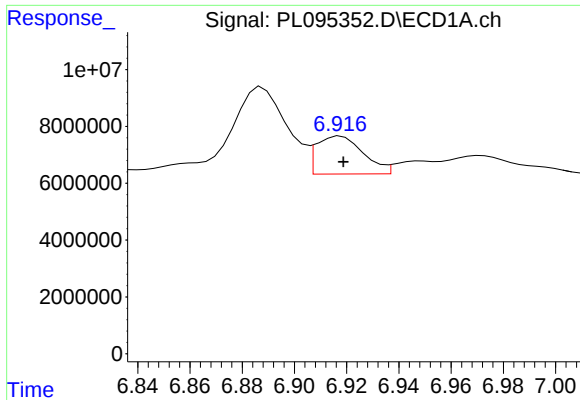
#26 Chlordane-4

R.T.: 6.075 min  
Delta R.T.: -0.004 min  
Response: 117472660  
Conc: 124.58 ng/ml



#26 Chlordane-4

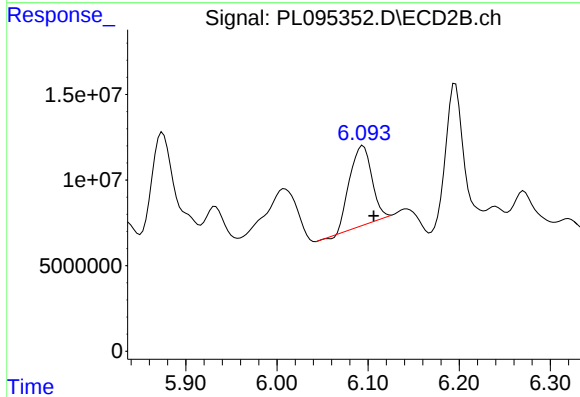
R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 82947310  
Conc: 190.85 ng/ml



#27 Chlordane-5

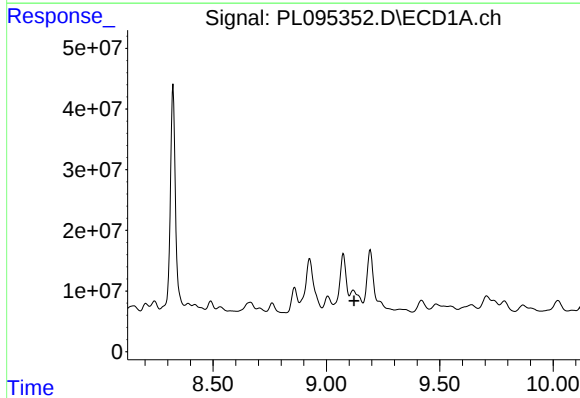
R.T.: 6.918 min  
Delta R.T.: 0.000 min  
Response: 16645618  
Conc: 109.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



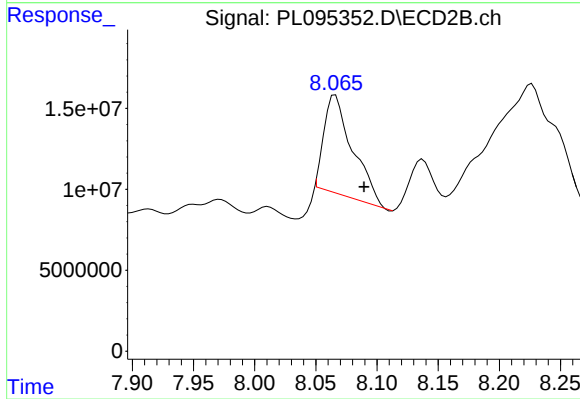
#27 Chlordane-5

R.T.: 6.095 min  
Delta R.T.: -0.012 min  
Response: 77872780  
Conc: 421.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min  
Delta R.T.: -0.004 min  
Response: -48603086  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: -0.024 min  
Response: 98862815  
Conc: 33.41 ng/ml