

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032222\  
 Data File : PL073563.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Mar 2022 12:18  
 Operator : AR\AJ  
 Sample : N1958-16MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 23 01:41:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 2022  
 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... | 4.652  | 5.488  | 5903659  | 32788868 | 18.432   | 19.978     |
| 28)                         | SA Decachlor... | 10.423 | 11.332 | 10739888 | 37558906 | 21.121   | 21.004     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.360  | 6.051  | 21585590 | 131.1E6  | 52.366   | 58.255     |
| 3)                          | MA gamma-BHC... | 5.783  | 6.441  | 21674419 | 121.4E6  | 51.960   | 56.863     |
| 4)                          | MA Heptachlor   | 6.194  | 7.101  | 23070659 | 130.1E6  | 51.132   | 55.504     |
| 5)                          | MB Aldrin       | 6.519  | 7.469  | 21202907 | 120.2E6  | 51.318   | 57.388     |
| 6)                          | B beta-BHC      | 6.163  | 6.677  | 10675469 | 55047530 | 51.849   | 52.810     |
| 7)                          | B delta-BHC     | 6.424  | 6.945  | 21473425 | 121.3E6  | 53.463   | 56.340     |
| 8)                          | B Heptachlo...  | 7.096  | 7.925  | 22219399 | 113.7E6  | 51.556   | 56.935     |
| 9)                          | A Endosulfan I  | 7.499  | 8.326  | 21281233 | 102.8E6  | 51.878   | 56.313     |
| 10)                         | B gamma-Chl...  | 7.373  | 8.193  | 22607453 | 114.9E6  | 51.698   | 56.276     |
| 11)                         | B alpha-Chl...  | 7.443  | 8.276  | 22794345 | 112.0E6  | 51.579   | 56.007     |
| 12)                         | B 4,4'-DDE      | 7.657  | 8.461  | 18958557 | 102.8E6  | 52.833   | 57.332     |
| 13)                         | MA Dieldrin     | 7.785  | 8.611  | 21843910 | 104.8E6  | 52.431   | 56.789     |
| 14)                         | MA Endrin       | 8.076  | 8.846  | 20233518 | 83936809 | 52.148   | 54.525     |
| 15)                         | B Endosulfa...  | 8.387  | 9.070  | 20363302 | 84536841 | 52.096   | 55.043     |
| 16)                         | A 4,4'-DDD      | 8.242  | 8.988  | 17766760 | 82999239 | 54.711   | 56.860     |
| 17)                         | MA 4,4'-DDT     | 8.503  | 9.307  | 18630603 | 85847719 | 49.264   | 52.521     |
| 18)                         | B Endrin al...  | 8.575  | 9.202  | 16014284 | 58760562 | 50.638   | 47.917     |
| 19)                         | B Endosulfa...  | 8.806  | 9.440  | 21981813 | 86112193 | 52.037   | 54.637     |
| 20)                         | A Methoxychlor  | 9.099  | 9.787  | 12148976 | 44136192 | 47.358   | 48.982     |
| 21)                         | B Endrin ke...  | 9.324  | 9.928  | 26900192 | 91760467 | 54.985   | 55.592     |
| 22)                         | Mirex           | 9.512  | 10.404 | 26802924 | 82957775 | 56.839   | 61.068     |
| 24)                         | Chlordane-2     | 0.000  | 7.469f | 0        | 120.2E6  | N.D.     | 1672.734 # |
| 25)                         | Chlordane-3     | 7.373  | 8.193  | 22607453 | 114.9E6  | 553.641  | 423.924    |
| 26)                         | Chlordane-4     | 7.443  | 8.276  | 22794345 | 112.0E6  | 514.303  | 338.157 #  |
| 27)                         | Chlordane-5     | 8.387  | 0.000  | 20363302 | 0        | 1243.539 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

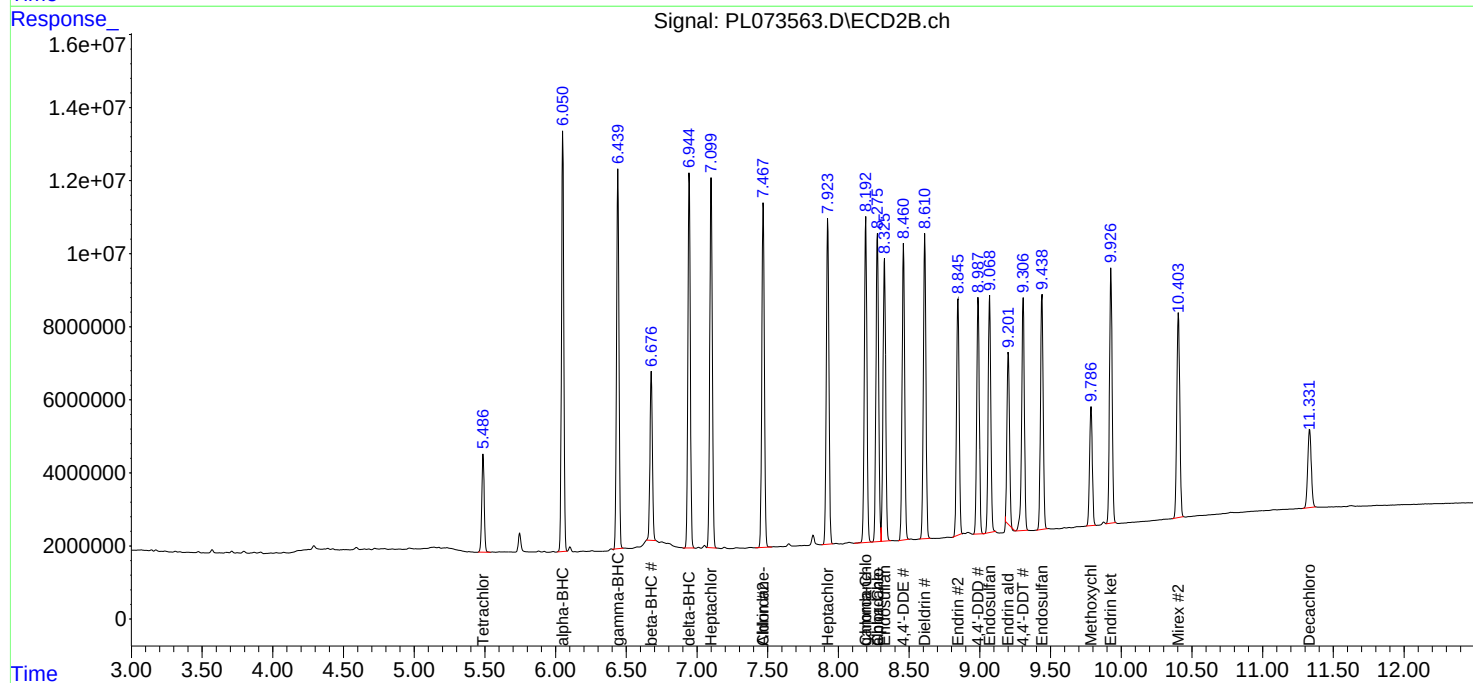
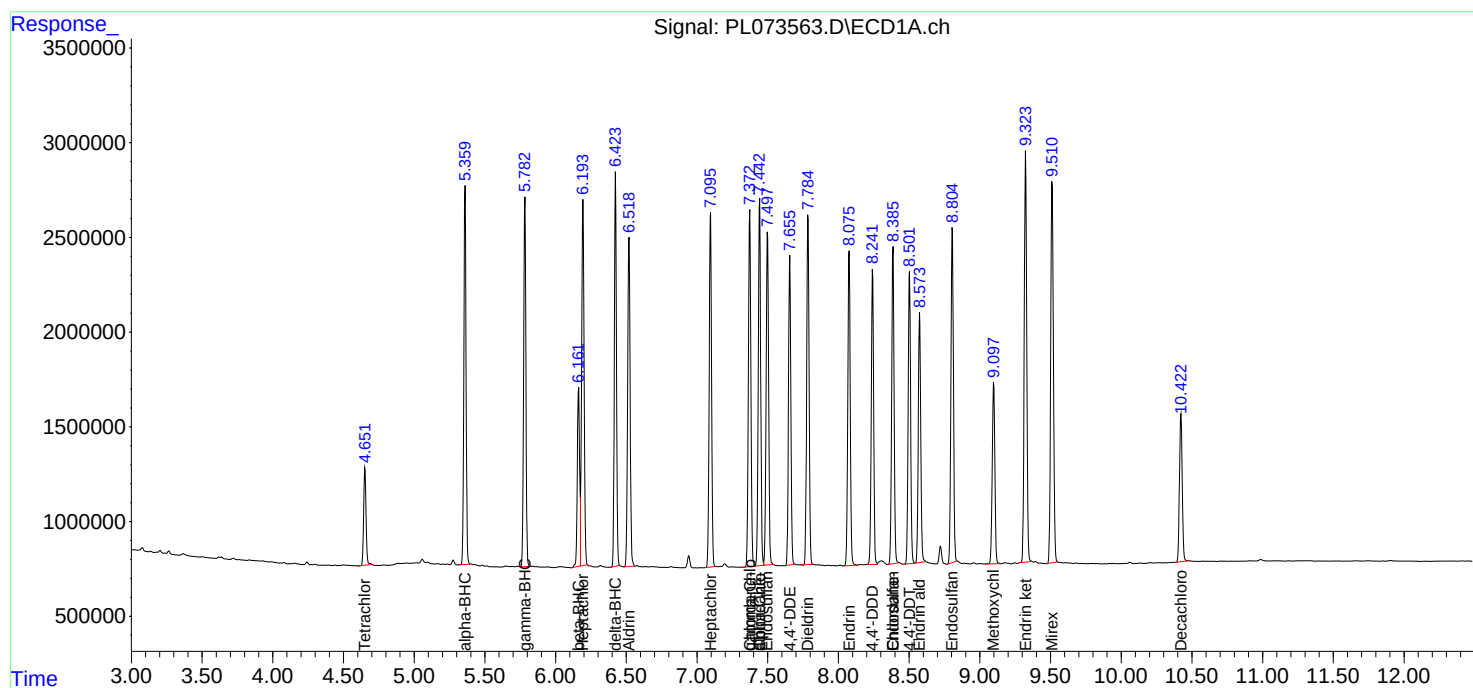
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

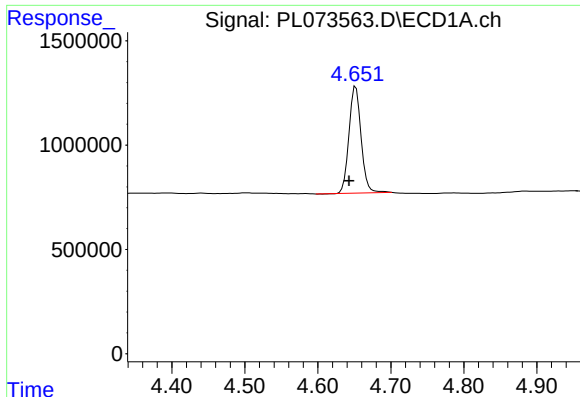
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032222\  
Data File : PL073563.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Mar 2022 12:18  
Operator : AR\AJ  
Sample : N1958-16MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 23 01:41:09 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 04:12:46 2022  
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

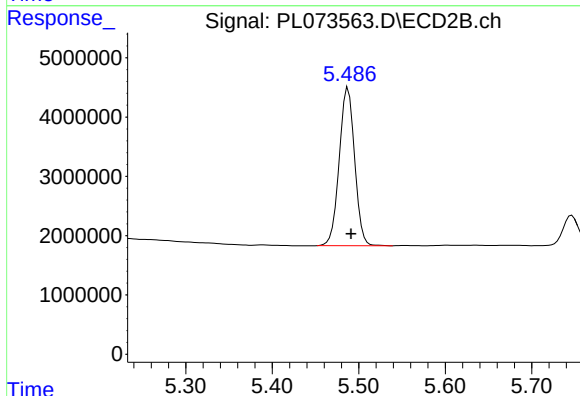




#1 Tetrachloro-m-xylene

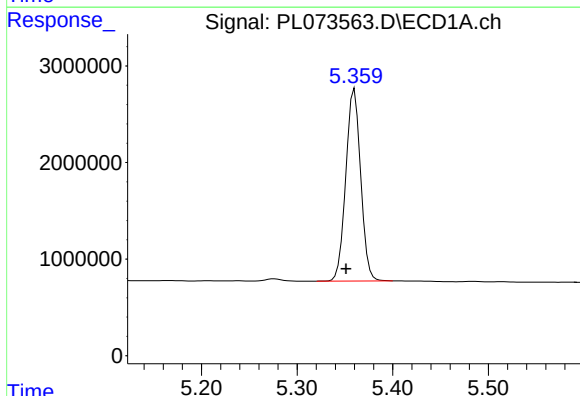
R.T.: 4.652 min  
Delta R.T.: 0.009 min  
Response: 5903659  
Conc: 18.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



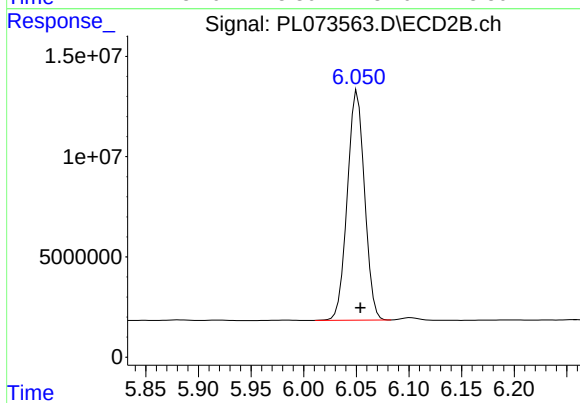
#1 Tetrachloro-m-xylene

R.T.: 5.488 min  
Delta R.T.: -0.003 min  
Response: 32788868  
Conc: 19.98 ng/ml



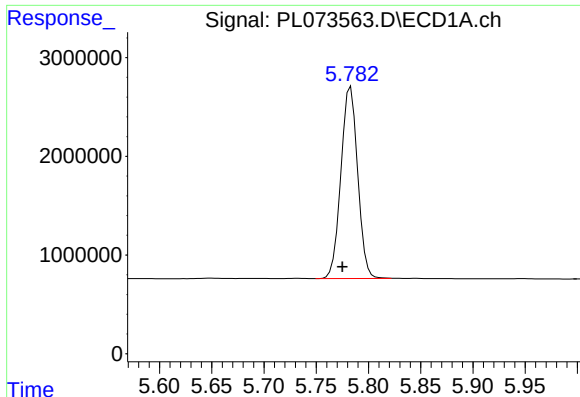
#2 alpha-BHC

R.T.: 5.360 min  
Delta R.T.: 0.009 min  
Response: 21585590  
Conc: 52.37 ng/ml



#2 alpha-BHC

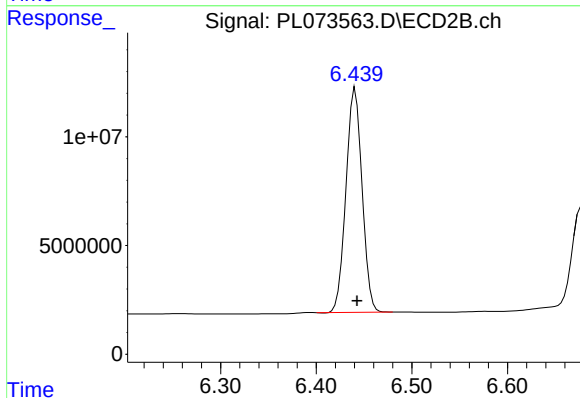
R.T.: 6.051 min  
Delta R.T.: -0.003 min  
Response: 131052854  
Conc: 58.25 ng/ml



#3 gamma-BHC (Lindane)

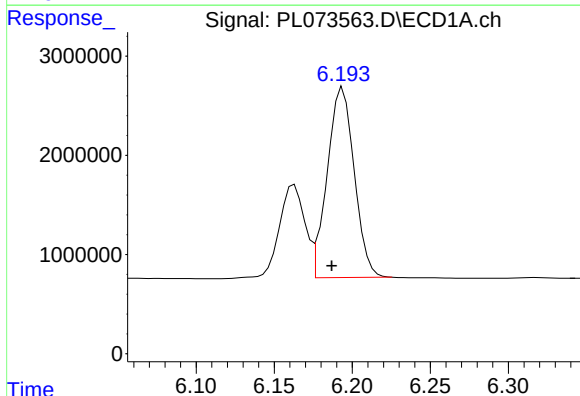
R.T.: 5.783 min  
Delta R.T.: 0.008 min  
Response: 21674419  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



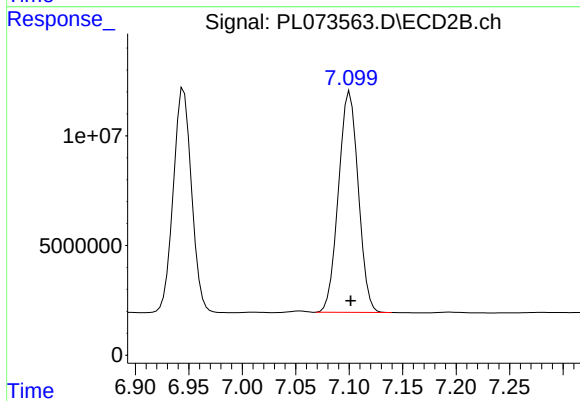
#3 gamma-BHC (Lindane)

R.T.: 6.441 min  
Delta R.T.: -0.002 min  
Response: 121407017  
Conc: 56.86 ng/ml



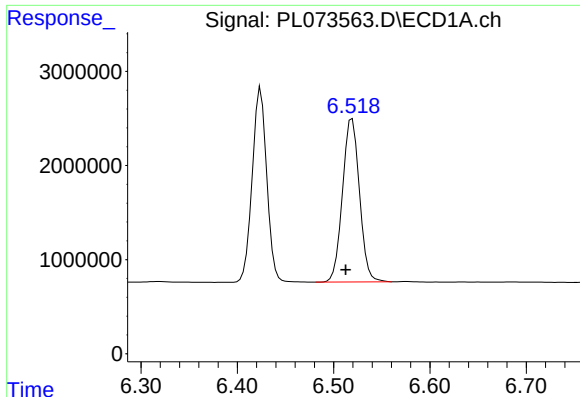
#4 Heptachlor

R.T.: 6.194 min  
Delta R.T.: 0.007 min  
Response: 23070659  
Conc: 51.13 ng/ml



#4 Heptachlor

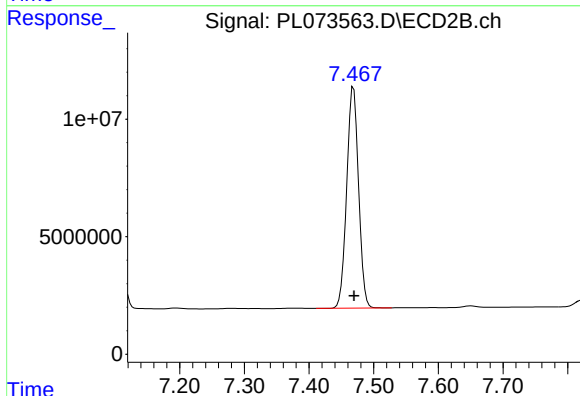
R.T.: 7.101 min  
Delta R.T.: 0.000 min  
Response: 130052186  
Conc: 55.50 ng/ml



#5 Aldrin

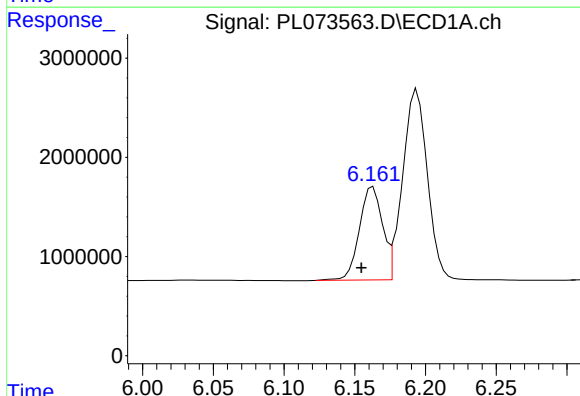
R.T.: 6.519 min  
Delta R.T.: 0.007 min  
Response: 21202907  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



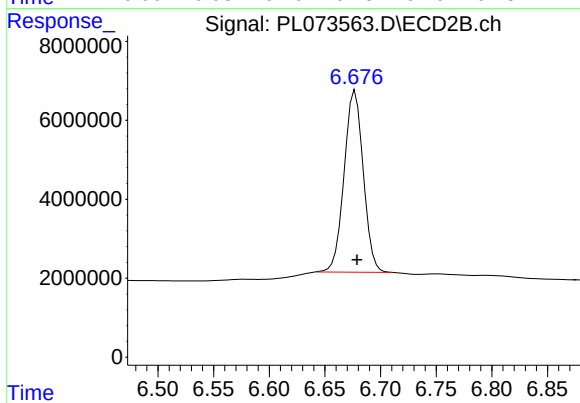
#5 Aldrin

R.T.: 7.469 min  
Delta R.T.: -0.001 min  
Response: 120225628  
Conc: 57.39 ng/ml



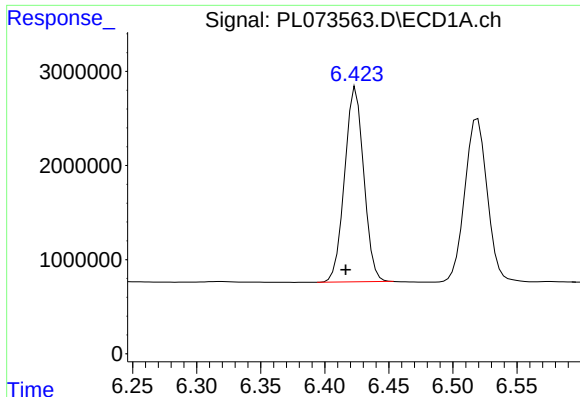
#6 beta-BHC

R.T.: 6.163 min  
Delta R.T.: 0.008 min  
Response: 10675469  
Conc: 51.85 ng/ml



#6 beta-BHC

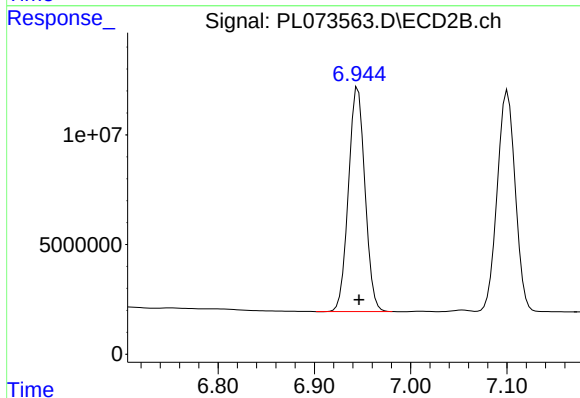
R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 55047530  
Conc: 52.81 ng/ml



#7 delta-BHC

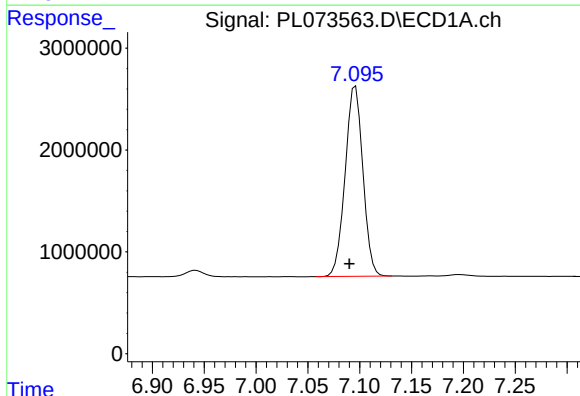
R.T.: 6.424 min  
Delta R.T.: 0.008 min  
Response: 21473425  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



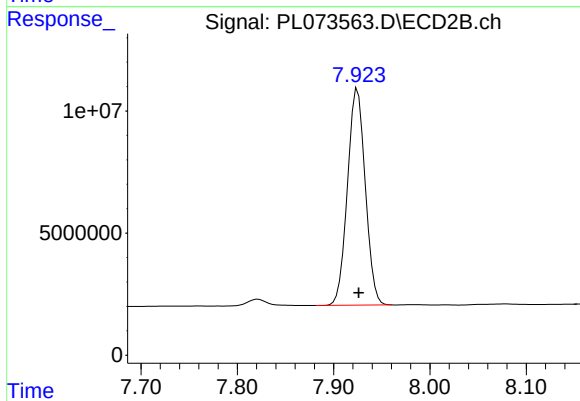
#7 delta-BHC

R.T.: 6.945 min  
Delta R.T.: -0.001 min  
Response: 121332647  
Conc: 56.34 ng/ml



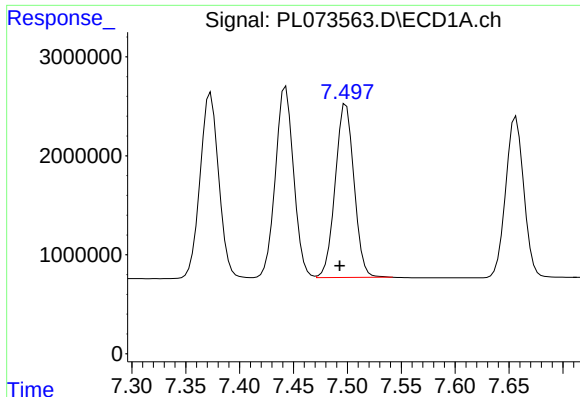
#8 Heptachlor epoxide

R.T.: 7.096 min  
Delta R.T.: 0.006 min  
Response: 22219399  
Conc: 51.56 ng/ml



#8 Heptachlor epoxide

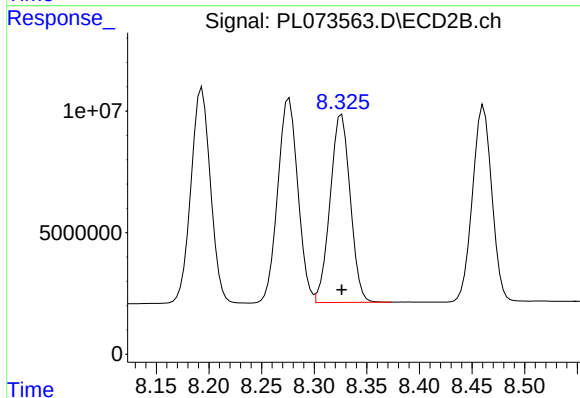
R.T.: 7.925 min  
Delta R.T.: -0.001 min  
Response: 113716631  
Conc: 56.93 ng/ml



#9 Endosulfan I

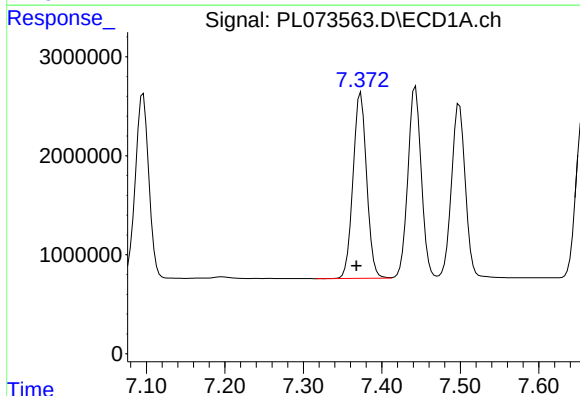
R.T.: 7.499 min  
Delta R.T.: 0.006 min  
Response: 21281233  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



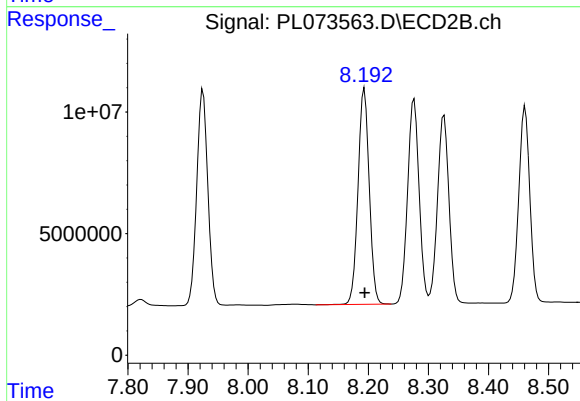
#9 Endosulfan I

R.T.: 8.326 min  
Delta R.T.: 0.000 min  
Response: 102794108  
Conc: 56.31 ng/ml



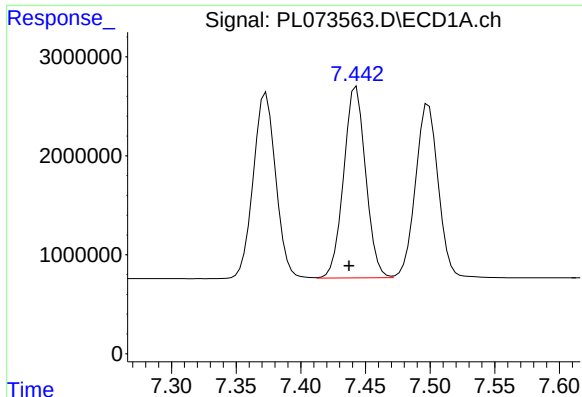
#10 gamma-Chlordane

R.T.: 7.373 min  
Delta R.T.: 0.006 min  
Response: 22607453  
Conc: 51.70 ng/ml



#10 gamma-Chlordane

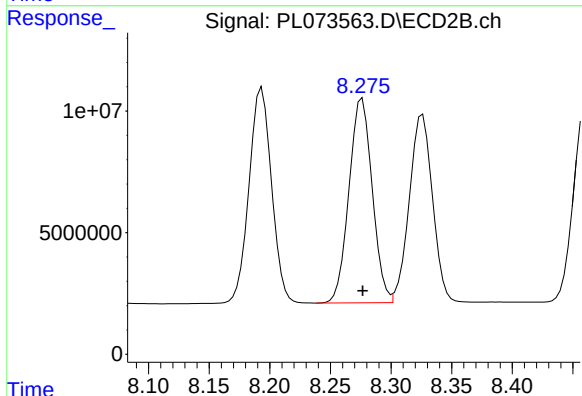
R.T.: 8.193 min  
Delta R.T.: 0.000 min  
Response: 114939378  
Conc: 56.28 ng/ml



#11 alpha-Chlordane

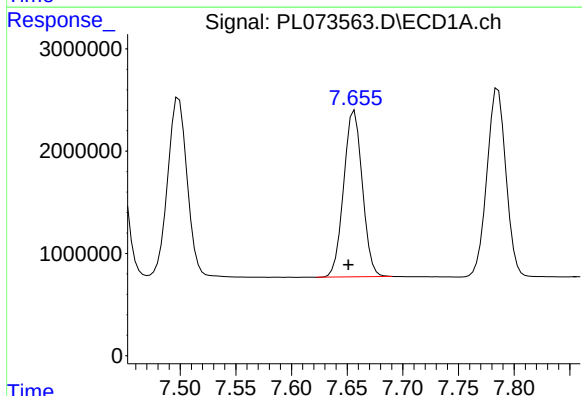
R.T.: 7.443 min  
Delta R.T.: 0.006 min  
Response: 22794345  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



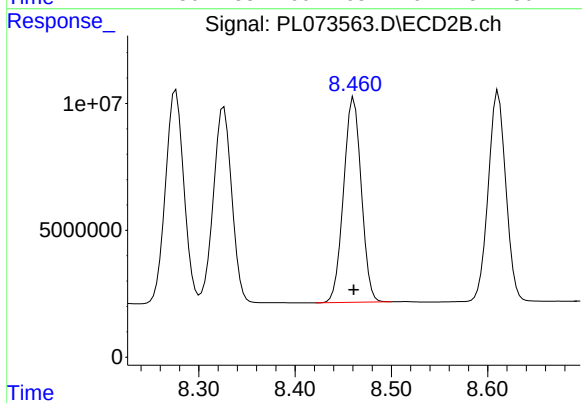
#11 alpha-Chlordane

R.T.: 8.276 min  
Delta R.T.: 0.000 min  
Response: 112015275  
Conc: 56.01 ng/ml



#12 4,4'-DDE

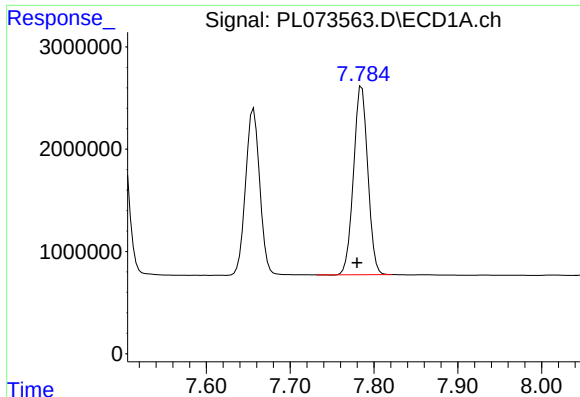
R.T.: 7.657 min  
Delta R.T.: 0.006 min  
Response: 18958557  
Conc: 52.83 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min  
Delta R.T.: 0.000 min  
Response: 102760797  
Conc: 57.33 ng/ml

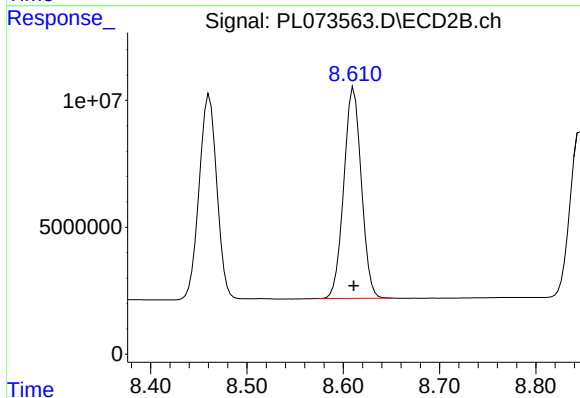




#13 Dieldrin

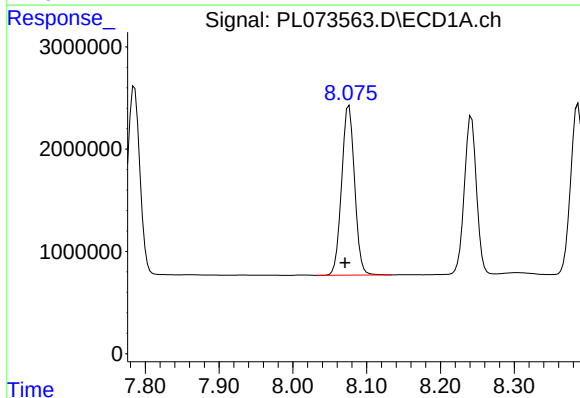
R.T.: 7.785 min  
Delta R.T.: 0.006 min  
Response: 21843910  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



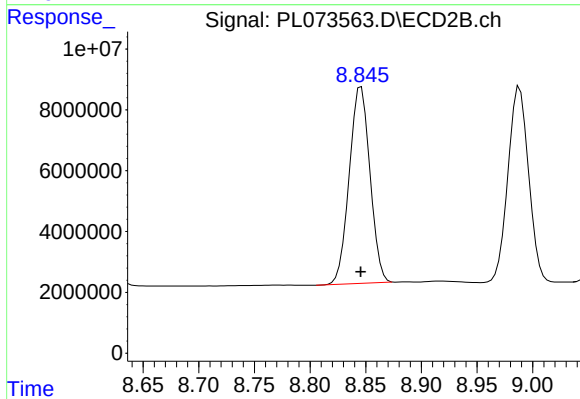
#13 Dieldrin

R.T.: 8.611 min  
Delta R.T.: 0.000 min  
Response: 104760299  
Conc: 56.79 ng/ml



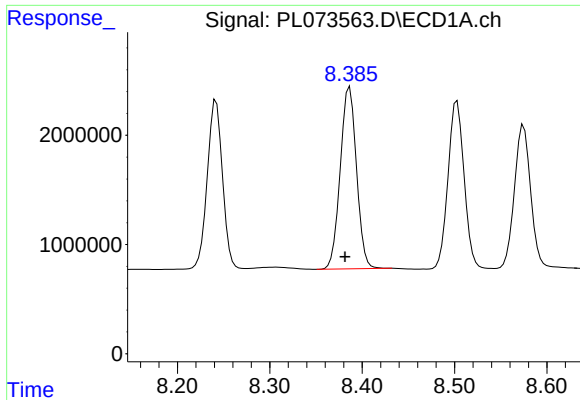
#14 Endrin

R.T.: 8.076 min  
Delta R.T.: 0.005 min  
Response: 20233518  
Conc: 52.15 ng/ml



#14 Endrin

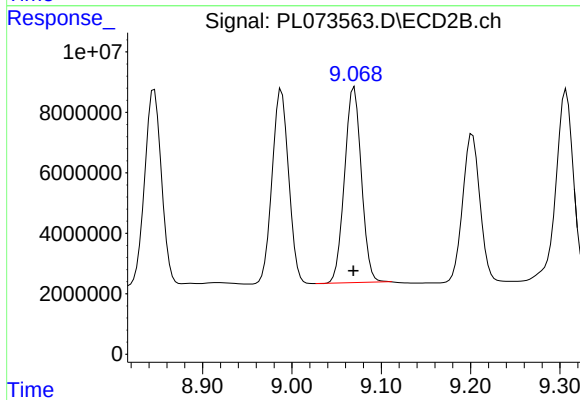
R.T.: 8.846 min  
Delta R.T.: 0.000 min  
Response: 83936809  
Conc: 54.53 ng/ml



#15 Endosulfan II

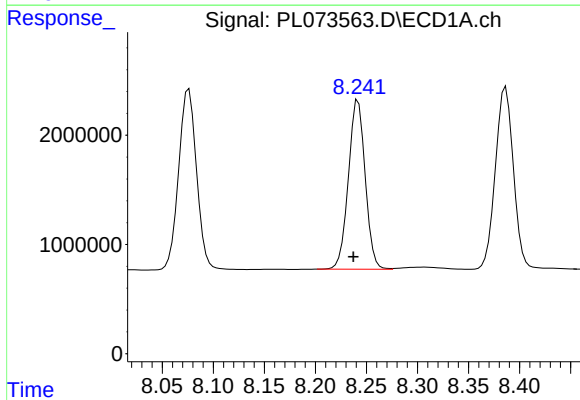
R.T.: 8.387 min  
Delta R.T.: 0.005 min  
Response: 20363302  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



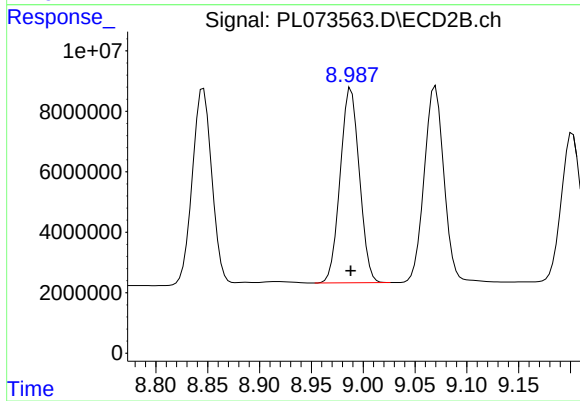
#15 Endosulfan II

R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 84536841  
Conc: 55.04 ng/ml



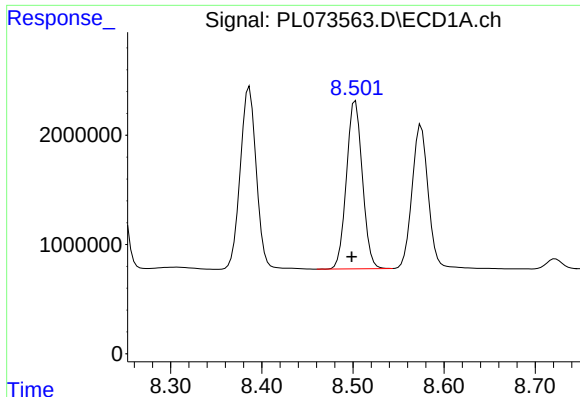
#16 4,4'-DDD

R.T.: 8.242 min  
Delta R.T.: 0.005 min  
Response: 17766760  
Conc: 54.71 ng/ml



#16 4,4'-DDD

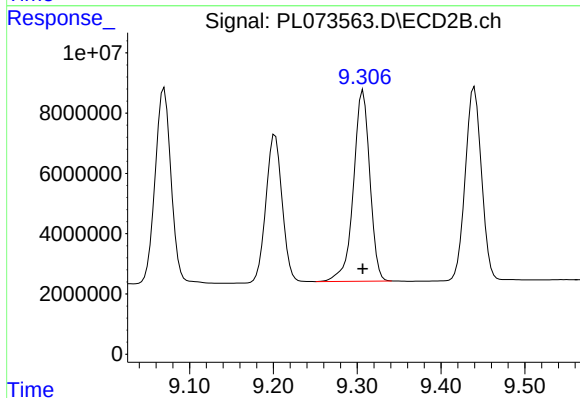
R.T.: 8.988 min  
Delta R.T.: 0.000 min  
Response: 82999239  
Conc: 56.86 ng/ml



#17 4,4'-DDT

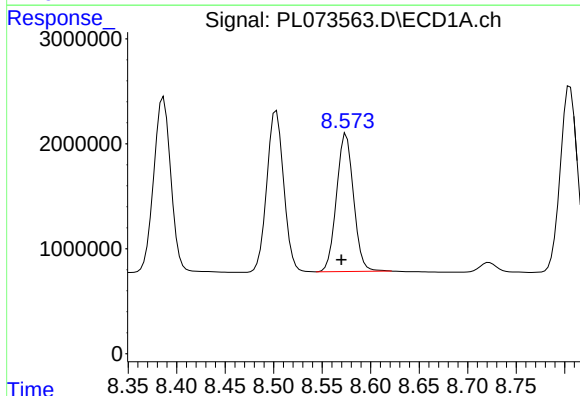
R.T.: 8.503 min  
Delta R.T.: 0.004 min  
Response: 18630603  
Conc: 49.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



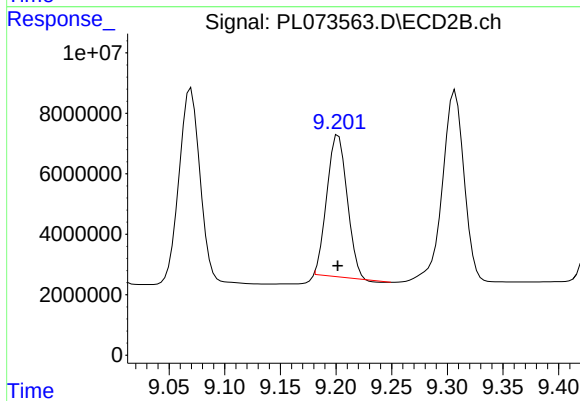
#17 4,4'-DDT

R.T.: 9.307 min  
Delta R.T.: 0.000 min  
Response: 85847719  
Conc: 52.52 ng/ml



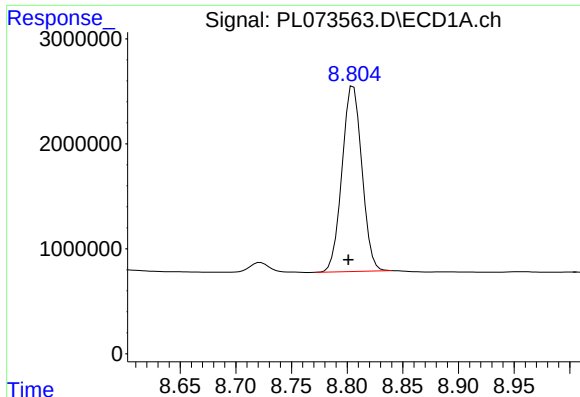
#18 Endrin aldehyde

R.T.: 8.575 min  
Delta R.T.: 0.005 min  
Response: 16014284  
Conc: 50.64 ng/ml



#18 Endrin aldehyde

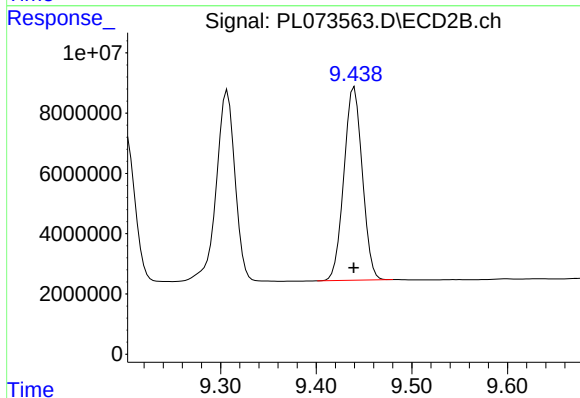
R.T.: 9.202 min  
Delta R.T.: 0.000 min  
Response: 58760562  
Conc: 47.92 ng/ml



#19 Endosulfan Sulfate

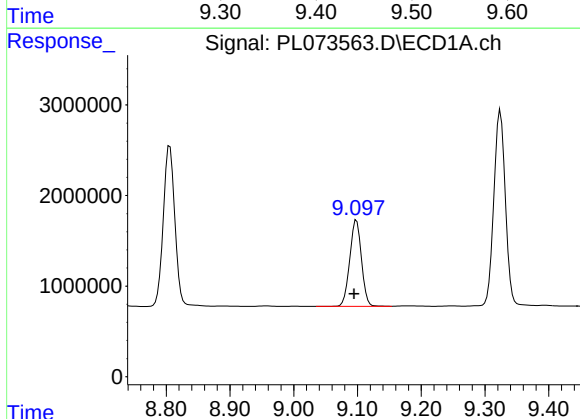
R.T.: 8.806 min  
Delta R.T.: 0.005 min  
Response: 21981813  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



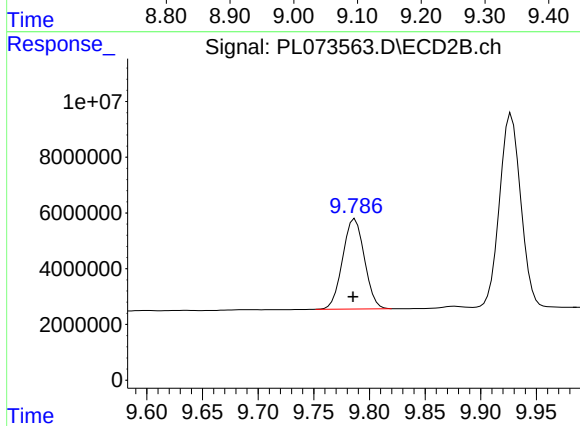
#19 Endosulfan Sulfate

R.T.: 9.440 min  
Delta R.T.: 0.000 min  
Response: 86112193  
Conc: 54.64 ng/ml



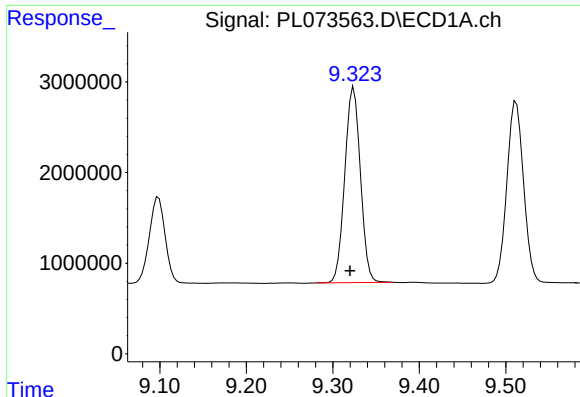
#20 Methoxychlor

R.T.: 9.099 min  
Delta R.T.: 0.004 min  
Response: 12148976  
Conc: 47.36 ng/ml



#20 Methoxychlor

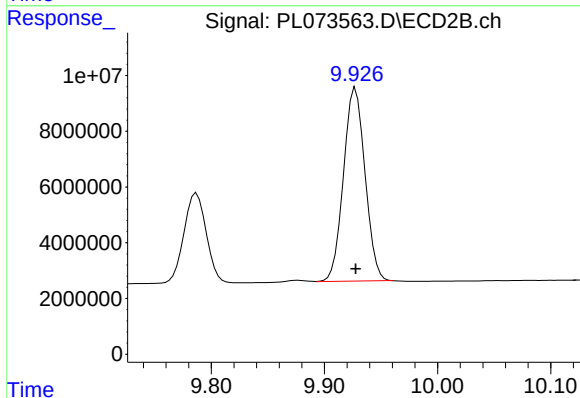
R.T.: 9.787 min  
Delta R.T.: 0.002 min  
Response: 44136192  
Conc: 48.98 ng/ml



#21 Endrin ketone

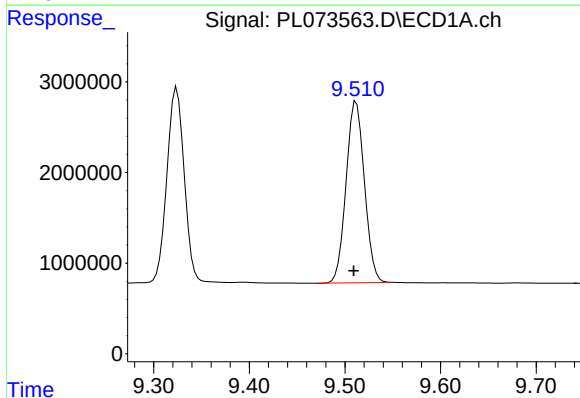
R.T.: 9.324 min  
Delta R.T.: 0.004 min  
Response: 26900192  
Conc: 54.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



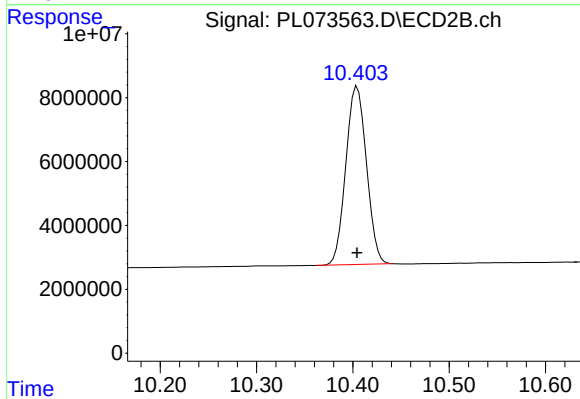
#21 Endrin ketone

R.T.: 9.928 min  
Delta R.T.: 0.000 min  
Response: 91760467  
Conc: 55.59 ng/ml



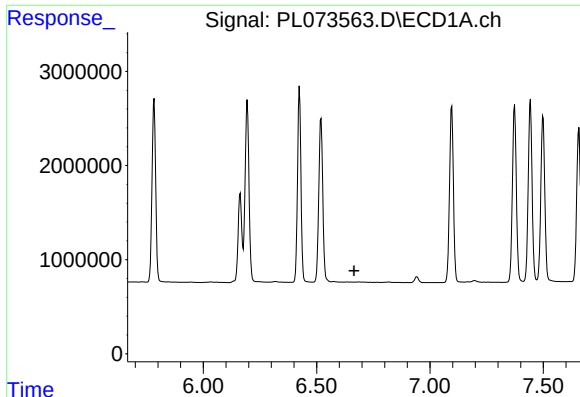
#22 Mirex

R.T.: 9.512 min  
Delta R.T.: 0.003 min  
Response: 26802924  
Conc: 56.84 ng/ml



#22 Mirex

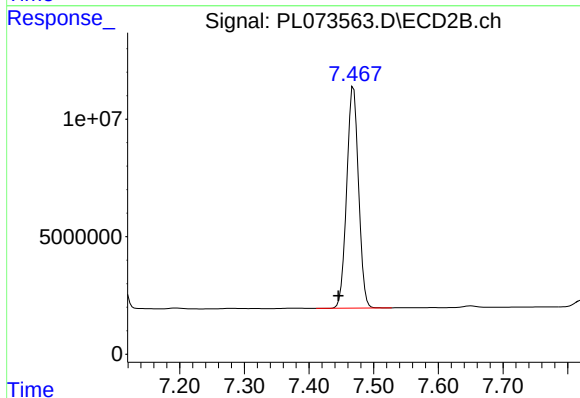
R.T.: 10.404 min  
Delta R.T.: 0.000 min  
Response: 82957775  
Conc: 61.07 ng/ml



#24 Chlordane-2

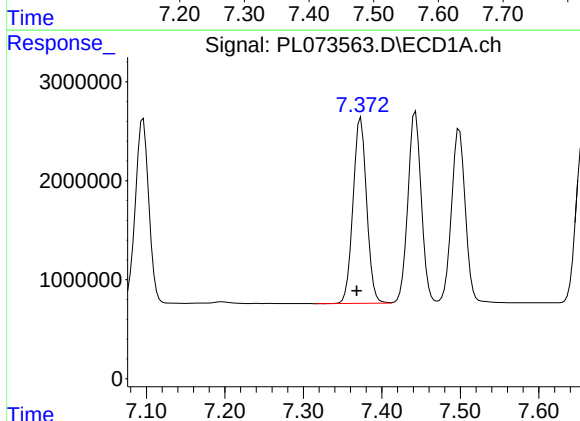
R.T.: 0.000 min  
Exp R.T.: 6.665 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



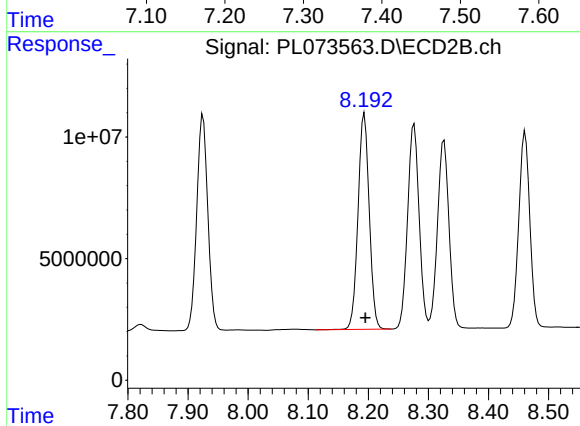
#24 Chlordane-2

R.T.: 7.469 min  
Delta R.T.: 0.023 min  
Response: 120225628  
Conc: 1672.73 ng/ml



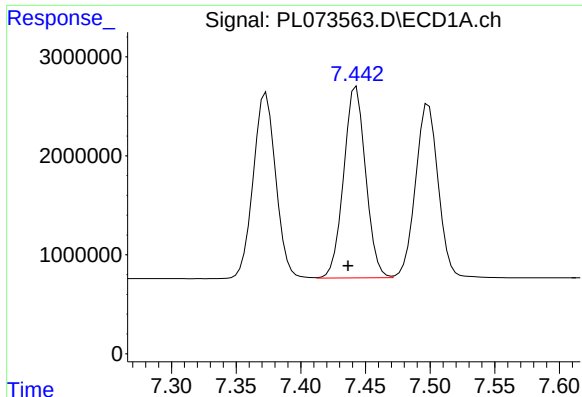
#25 Chlordane-3

R.T.: 7.373 min  
Delta R.T.: 0.005 min  
Response: 22607453  
Conc: 553.64 ng/ml



#25 Chlordane-3

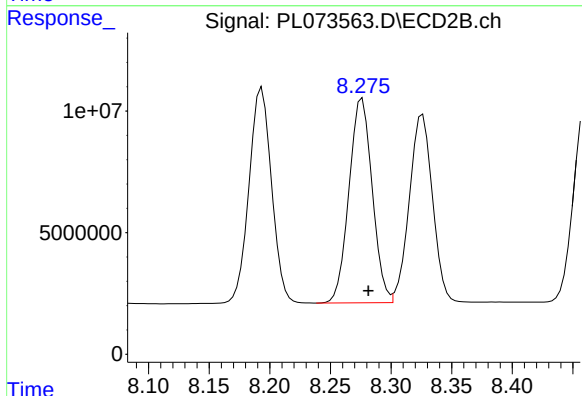
R.T.: 8.193 min  
Delta R.T.: -0.002 min  
Response: 114939378  
Conc: 423.92 ng/ml



#26 Chlordane-4

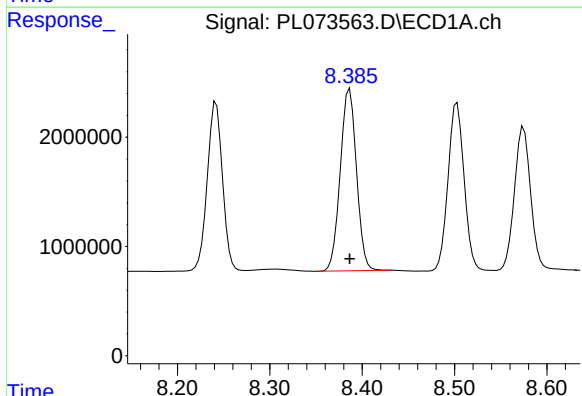
R.T.: 7.443 min  
Delta R.T.: 0.006 min  
Response: 22794345  
Conc: 514.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



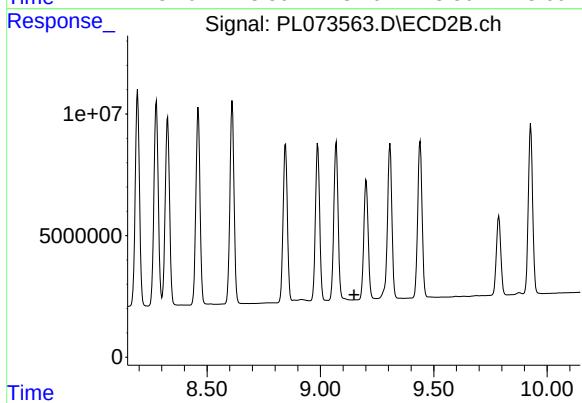
#26 Chlordane-4

R.T.: 8.276 min  
Delta R.T.: -0.005 min  
Response: 112015275  
Conc: 338.16 ng/ml



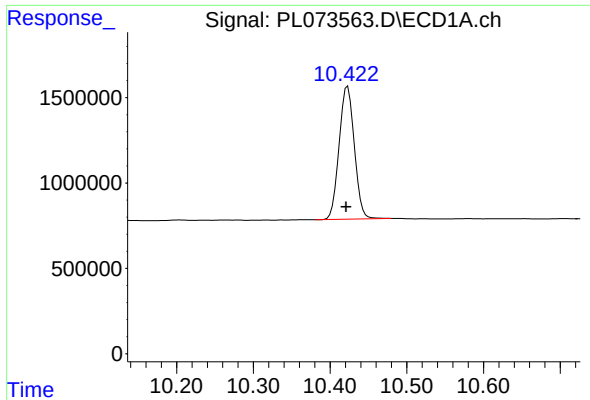
#27 Chlordane-5

R.T.: 8.387 min  
Delta R.T.: 0.000 min  
Response: 20363302  
Conc: 1243.54 ng/ml



#27 Chlordane-5

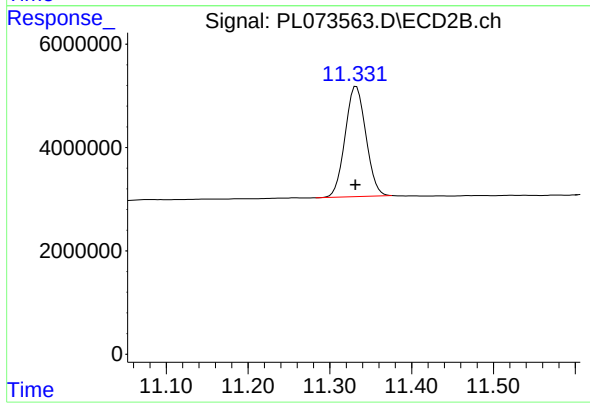
R.T.: 0.000 min  
Exp R.T. : 9.149 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: 0.002 min  
Response: 10739888  
Conc: 21.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.332 min  
Delta R.T.: 0.000 min  
Response: 37558906  
Conc: 21.00 ng/ml