

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071321\  
 Data File : PL068103.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jul 2021 16:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 05:08:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071221.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 14 04:57:48 2021  
 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... | 4.673  | 5.582  | 27322702 | 54087474 | 49.366   | 52.890     |
| 28)                         | SA Decachlor... | 10.473 | 11.505 | 26560044 | 40317002 | 47.859   | 51.738     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.380  | 6.162  | 37363936 | 73273873 | 51.209   | 55.360     |
| 3)                          | MA gamma-BHC... | 5.802  | 6.558  | 36183127 | 68259357 | 50.467   | 54.787     |
| 4)                          | MA Heptachlor   | 6.216  | 7.207  | 34506597 | 63700207 | 47.133   | 52.056     |
| 5)                          | MB Aldrin       | 6.542  | 7.579  | 34555516 | 61395567 | 50.313   | 55.466     |
| 6)                          | B beta-BHC      | 6.180  | 6.809  | 17182476 | 32625461 | 47.841   | 49.123     |
| 7)                          | B delta-BHC     | 6.443  | 7.077  | 35885085 | 65711087 | 51.510   | 55.252     |
| 8)                          | B Heptachlo...  | 7.119  | 8.044  | 32337677 | 56685905 | 50.095   | 54.994     |
| 9)                          | A Endosulfan I  | 7.523  | 8.450  | 30073249 | 50727680 | 49.906   | 54.401     |
| 10)                         | B gamma-Chl...  | 7.397  | 8.313  | 33958633 | 57257611 | 51.555   | 55.883     |
| 11)                         | B alpha-Chl...  | 7.467  | 8.394  | 33772436 | 57182287 | 51.066   | 56.263     |
| 12)                         | B 4,4'-DDE      | 7.682  | 8.581  | 30464470 | 50633847 | 50.791   | 55.099     |
| 13)                         | MA Dieldrin     | 7.810  | 8.739  | 31384641 | 51848587 | 49.792   | 54.389     |
| 14)                         | MA Endrin       | 8.102  | 8.979  | 27583420 | 41438884 | 49.522   | 52.613     |
| 15)                         | B Endosulfa...  | 8.414  | 9.212  | 26841085 | 41874097 | 51.104   | 52.922     |
| 16)                         | A 4,4'-DDD      | 8.269  | 9.120  | 26986838 | 42763800 | 53.450   | 54.936     |
| 17)                         | MA 4,4'-DDT     | 8.532  | 9.437  | 24741749 | 39678498 | 45.840   | 47.752     |
| 18)                         | B Endrin al...  | 8.603  | 9.346  | 20875050 | 33674861 | 50.082   | 52.766     |
| 19)                         | B Endosulfa...  | 8.835  | 9.584  | 26801479 | 41991710 | 48.957   | 52.259     |
| 20)                         | A Methoxychlor  | 9.132  | 9.922  | 14157834 | 20822797 | 45.287   | 47.611     |
| 21)                         | B Endrin ke...  | 9.357  | 10.082 | 31061321 | 45589381 | 51.294   | 52.548     |
| 22)                         | Mirex           | 9.548  | 10.550 | 24503783 | 34847390 | 49.211   | 51.685     |
| 24)                         | Chlordane-2     | 6.700  | 7.579f | 421631   | 61395567 | 17.906   | 1549.237 # |
| 25)                         | Chlordane-3     | 7.397  | 8.313  | 33958633 | 57257611 | 529.320  | 407.845    |
| 26)                         | Chlordane-4     | 7.467  | 8.394  | 33772436 | 57182287 | 501.497  | 338.946 #  |
| 27)                         | Chlordane-5     | 8.414  | 0.000  | 26841085 | 0        | 1185.921 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

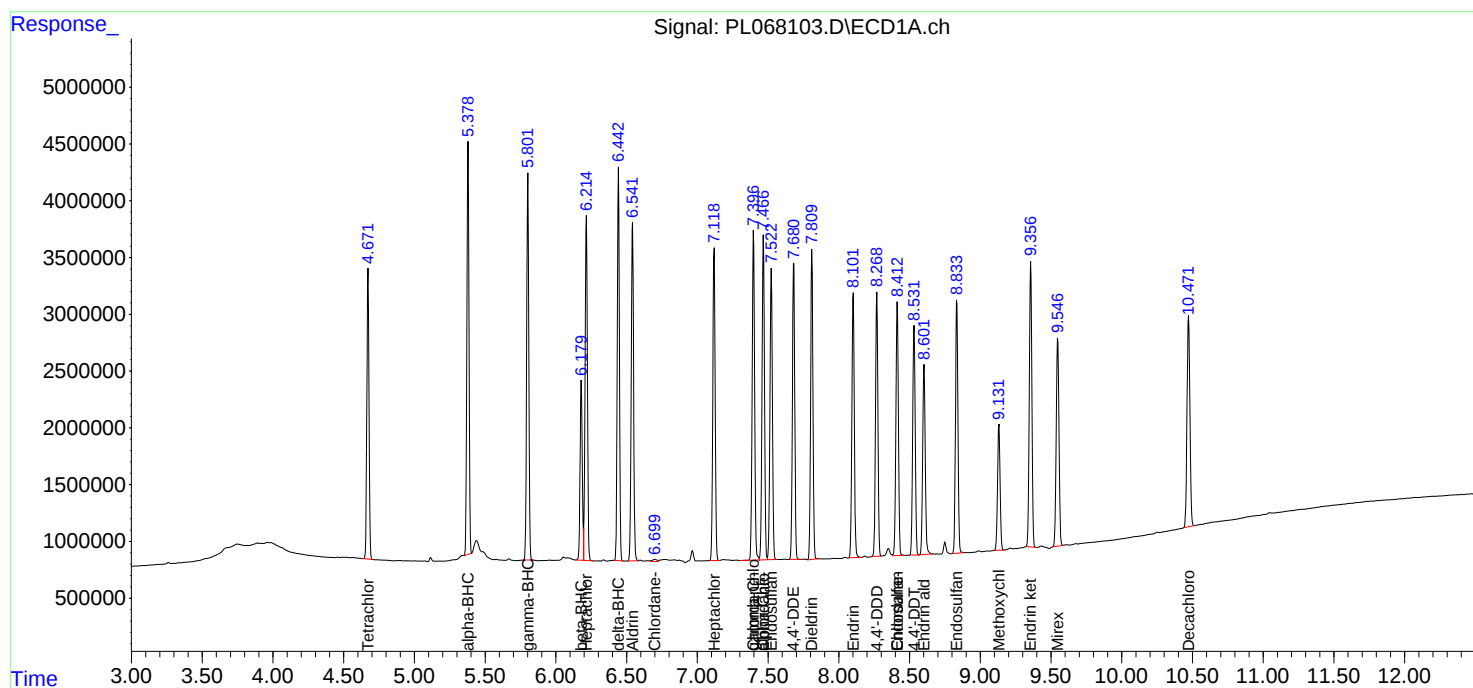
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

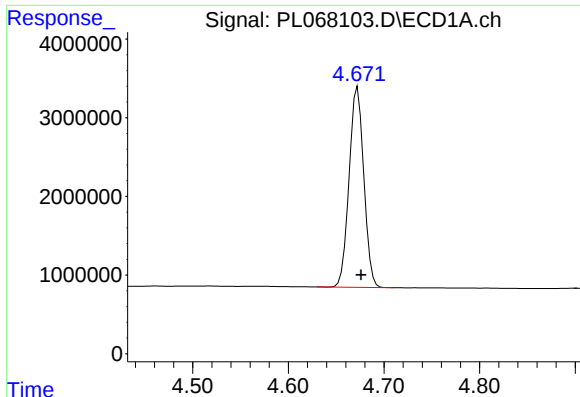
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071321\  
Data File : PL068103.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jul 2021 16:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 14 05:08:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071221.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 14 04:57:48 2021  
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

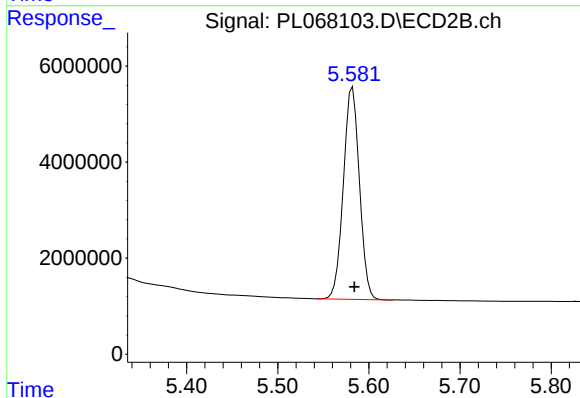




#1 Tetrachloro-m-xylene

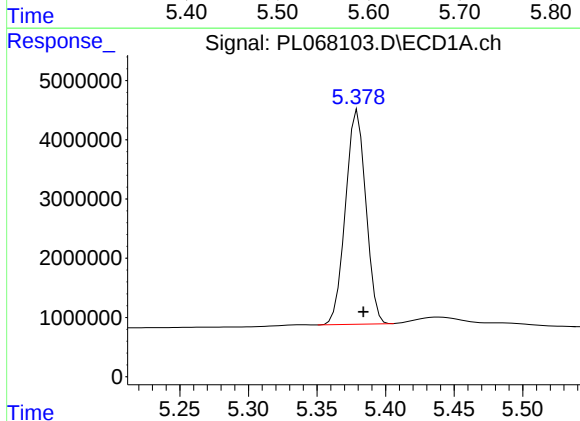
R.T.: 4.673 min  
Delta R.T.: -0.003 min  
Response: 27322702  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



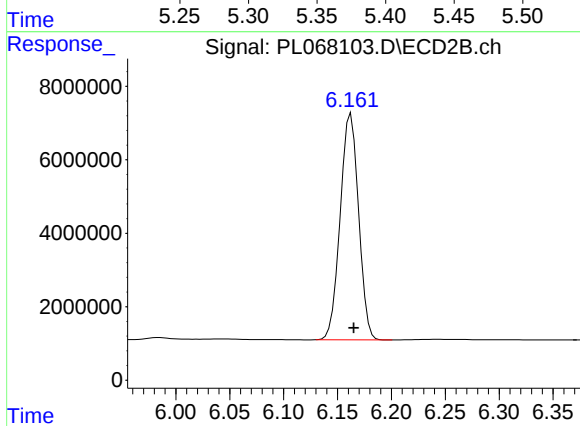
#1 Tetrachloro-m-xylene

R.T.: 5.582 min  
Delta R.T.: -0.002 min  
Response: 54087474  
Conc: 52.89 ng/ml



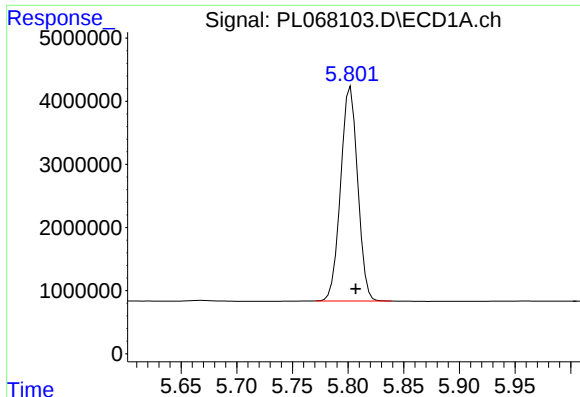
#2 alpha-BHC

R.T.: 5.380 min  
Delta R.T.: -0.004 min  
Response: 37363936  
Conc: 51.21 ng/ml



#2 alpha-BHC

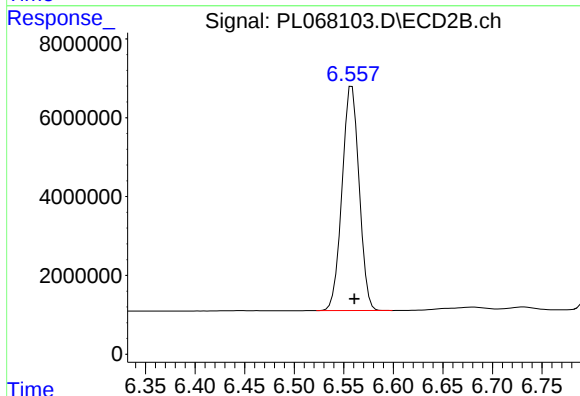
R.T.: 6.162 min  
Delta R.T.: -0.003 min  
Response: 73273873  
Conc: 55.36 ng/ml



#3 gamma-BHC (Lindane)

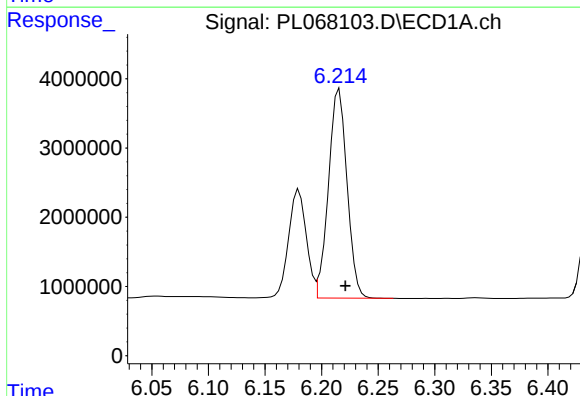
R.T.: 5.802 min  
Delta R.T.: -0.004 min  
Response: 36183127  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



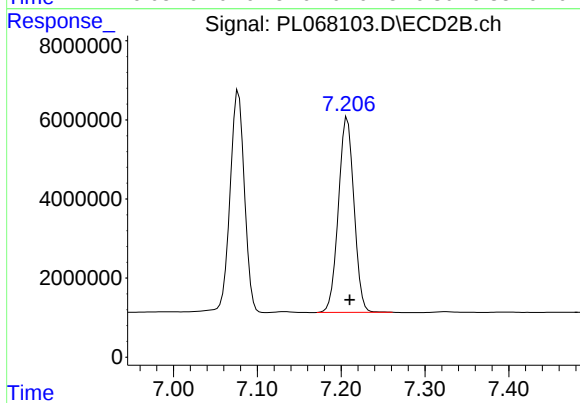
#3 gamma-BHC (Lindane)

R.T.: 6.558 min  
Delta R.T.: -0.003 min  
Response: 68259357  
Conc: 54.79 ng/ml



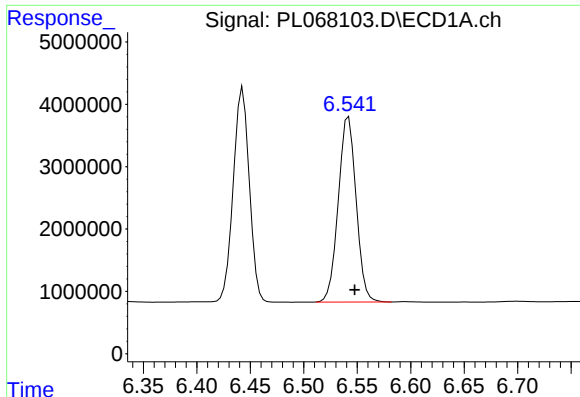
#4 Heptachlor

R.T.: 6.216 min  
Delta R.T.: -0.006 min  
Response: 34506597  
Conc: 47.13 ng/ml



#4 Heptachlor

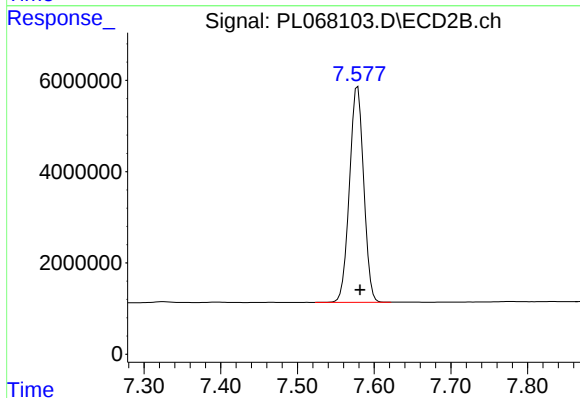
R.T.: 7.207 min  
Delta R.T.: -0.003 min  
Response: 63700207  
Conc: 52.06 ng/ml



#5 Aldrin

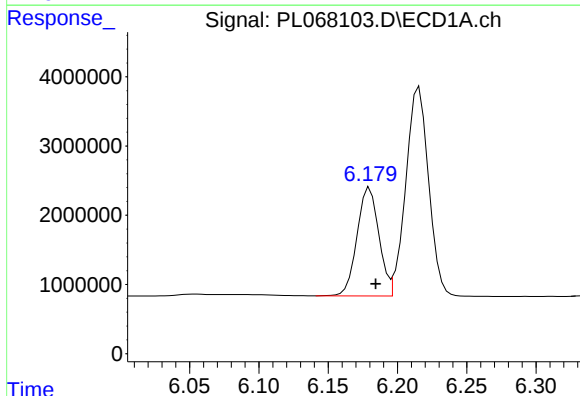
R.T.: 6.542 min  
Delta R.T.: -0.006 min  
Response: 34555516  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



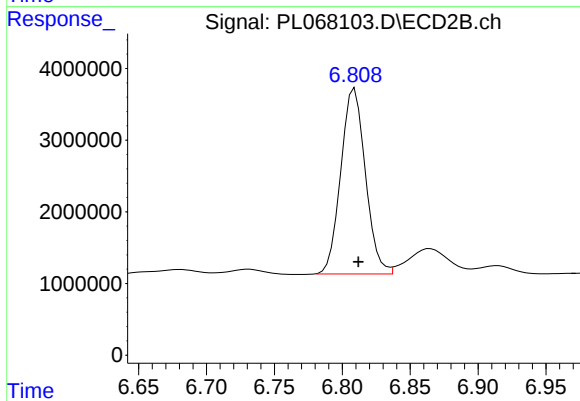
#5 Aldrin

R.T.: 7.579 min  
Delta R.T.: -0.003 min  
Response: 61395567  
Conc: 55.47 ng/ml



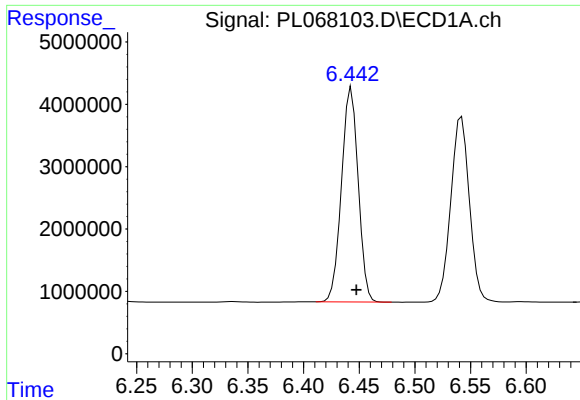
#6 beta-BHC

R.T.: 6.180 min  
Delta R.T.: -0.004 min  
Response: 17182476  
Conc: 47.84 ng/ml



#6 beta-BHC

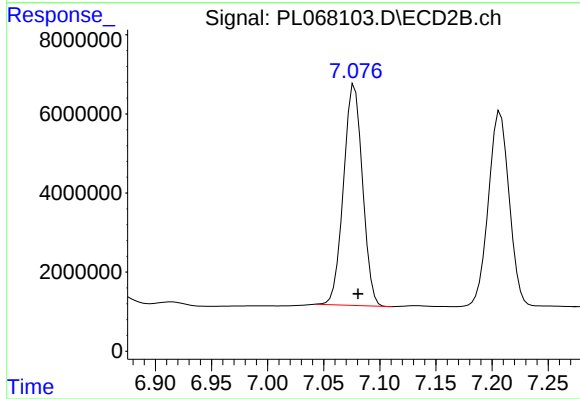
R.T.: 6.809 min  
Delta R.T.: -0.003 min  
Response: 32625461  
Conc: 49.12 ng/ml



#7 delta-BHC

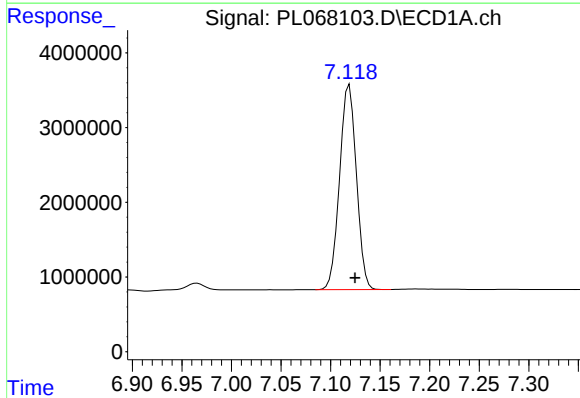
R.T.: 6.443 min  
Delta R.T.: -0.004 min  
Response: 35885085  
Conc: 51.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



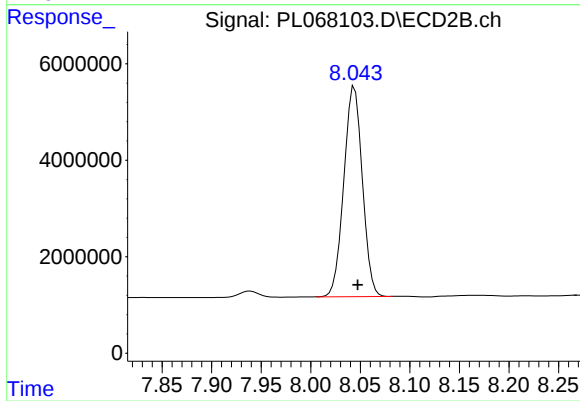
#7 delta-BHC

R.T.: 7.077 min  
Delta R.T.: -0.003 min  
Response: 65711087  
Conc: 55.25 ng/ml



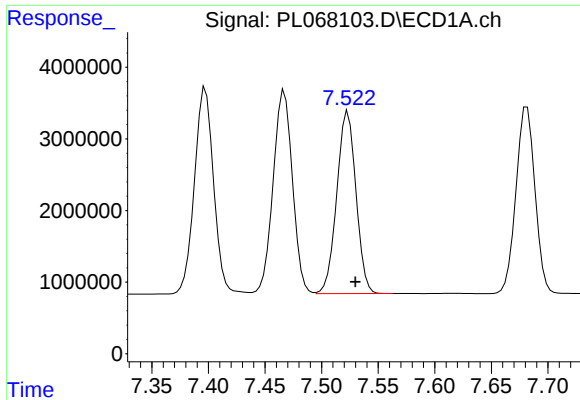
#8 Heptachlor epoxide

R.T.: 7.119 min  
Delta R.T.: -0.006 min  
Response: 32337677  
Conc: 50.10 ng/ml



#8 Heptachlor epoxide

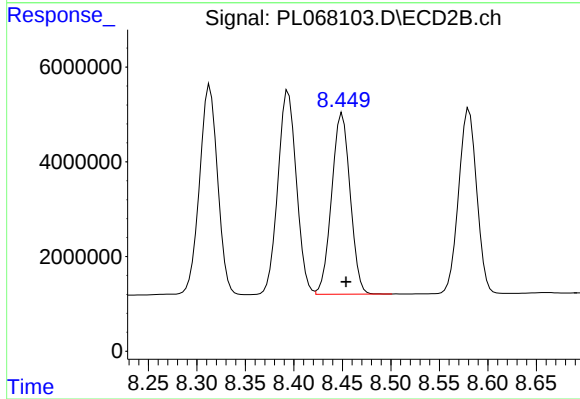
R.T.: 8.044 min  
Delta R.T.: -0.003 min  
Response: 56685905  
Conc: 54.99 ng/ml



#9 Endosulfan I

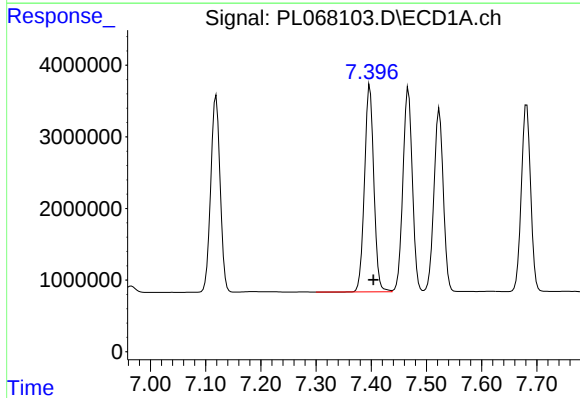
R.T.: 7.523 min  
Delta R.T.: -0.007 min  
Response: 30073249  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



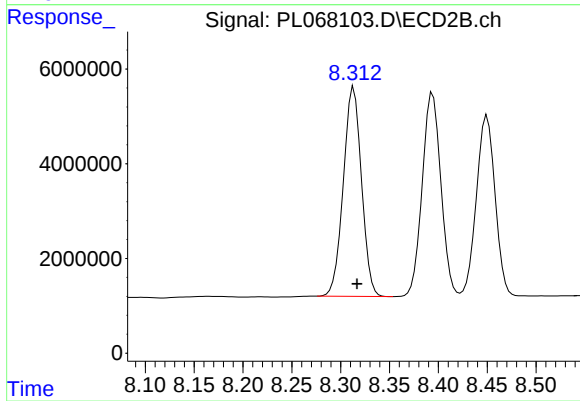
#9 Endosulfan I

R.T.: 8.450 min  
Delta R.T.: -0.004 min  
Response: 50727680  
Conc: 54.40 ng/ml



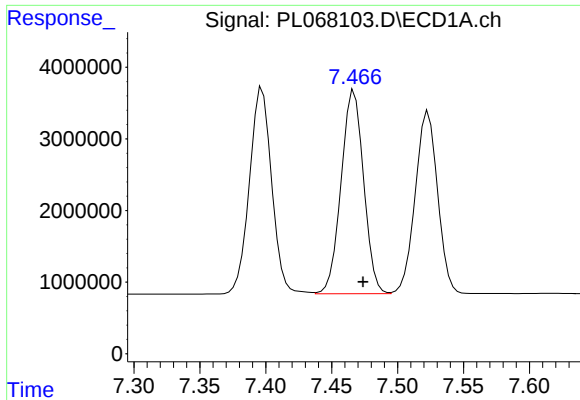
#10 gamma-Chlordane

R.T.: 7.397 min  
Delta R.T.: -0.007 min  
Response: 33958633  
Conc: 51.56 ng/ml



#10 gamma-Chlordane

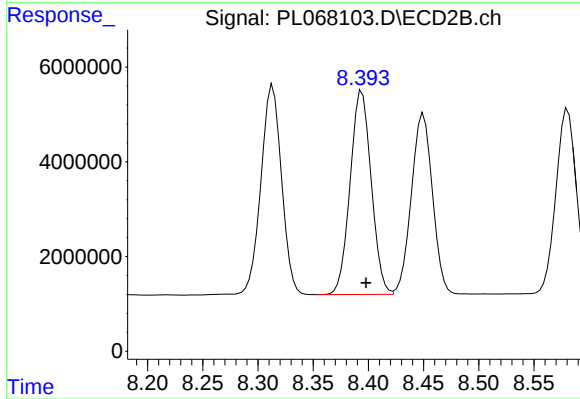
R.T.: 8.313 min  
Delta R.T.: -0.003 min  
Response: 57257611  
Conc: 55.88 ng/ml



#11 alpha-Chlordane

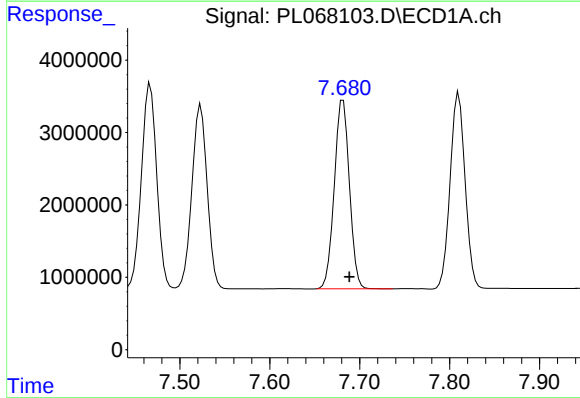
R.T.: 7.467 min  
Delta R.T.: -0.007 min  
Response: 33772436  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



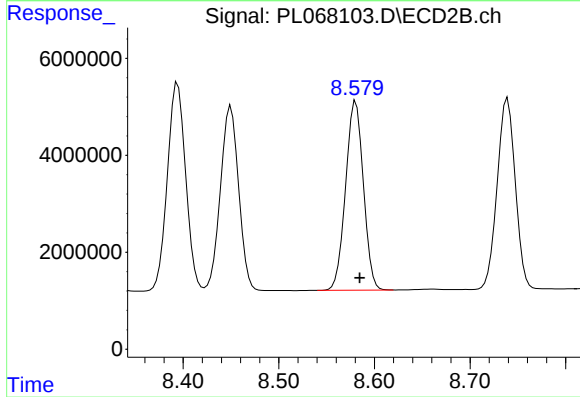
#11 alpha-Chlordane

R.T.: 8.394 min  
Delta R.T.: -0.004 min  
Response: 57182287  
Conc: 56.26 ng/ml



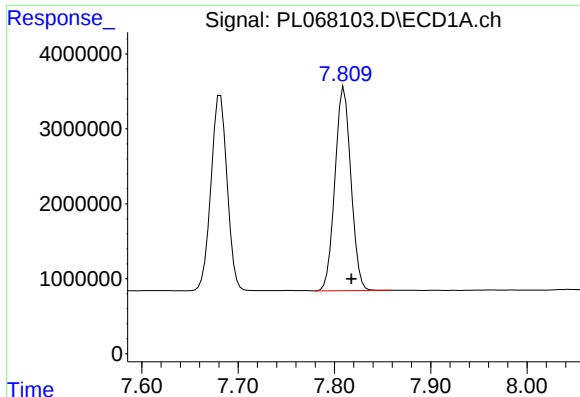
#12 4,4'-DDE

R.T.: 7.682 min  
Delta R.T.: -0.007 min  
Response: 30464470  
Conc: 50.79 ng/ml



#12 4,4'-DDE

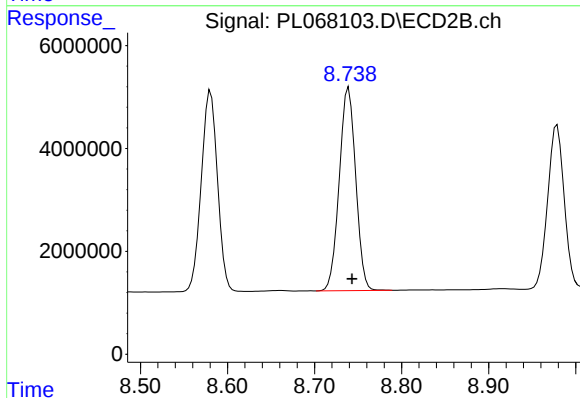
R.T.: 8.581 min  
Delta R.T.: -0.004 min  
Response: 50633847  
Conc: 55.10 ng/ml



#13 Dieldrin

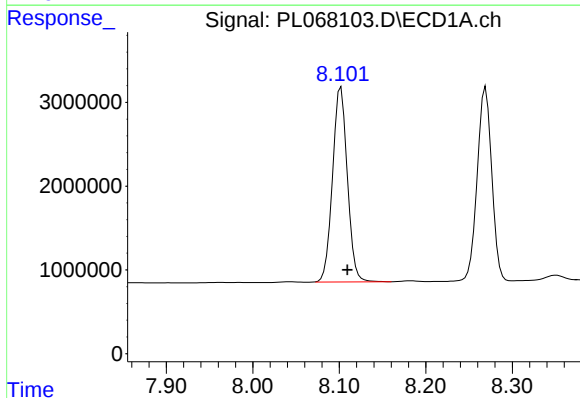
R.T.: 7.810 min  
Delta R.T.: -0.007 min  
Response: 31384641  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



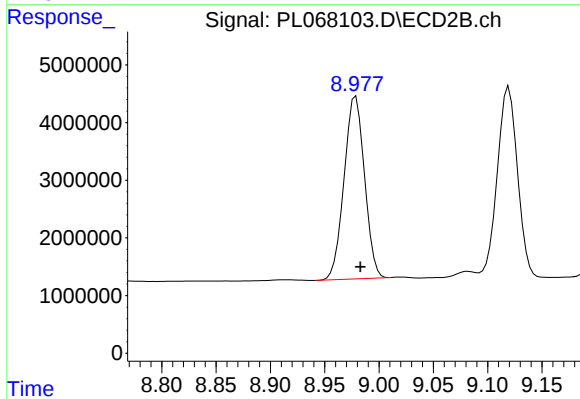
#13 Dieldrin

R.T.: 8.739 min  
Delta R.T.: -0.004 min  
Response: 51848587  
Conc: 54.39 ng/ml



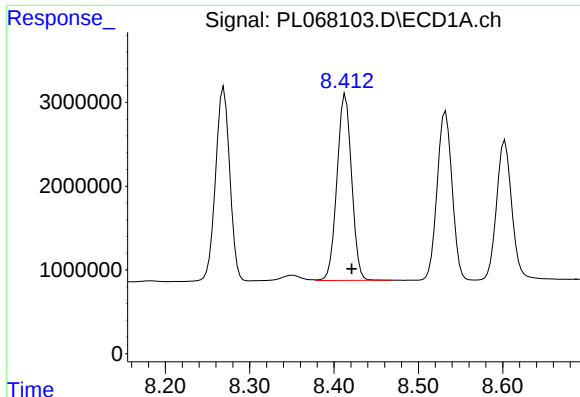
#14 Endrin

R.T.: 8.102 min  
Delta R.T.: -0.007 min  
Response: 27583420  
Conc: 49.52 ng/ml



#14 Endrin

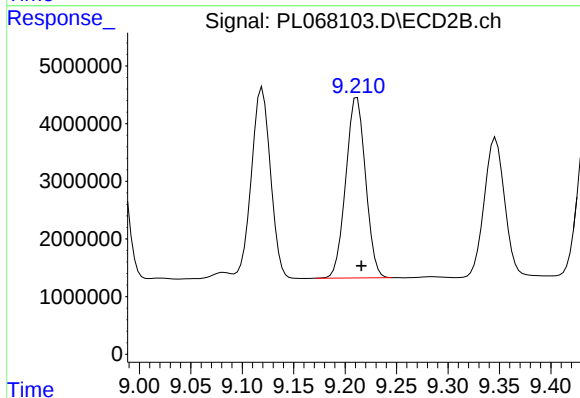
R.T.: 8.979 min  
Delta R.T.: -0.004 min  
Response: 41438884  
Conc: 52.61 ng/ml



#15 Endosulfan II

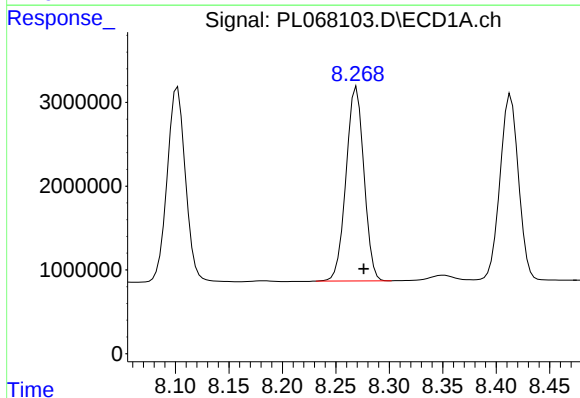
R.T.: 8.414 min  
Delta R.T.: -0.007 min  
Response: 26841085  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



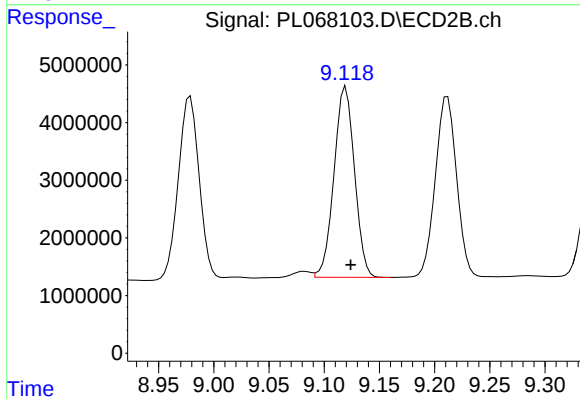
#15 Endosulfan II

R.T.: 9.212 min  
Delta R.T.: -0.004 min  
Response: 41874097  
Conc: 52.92 ng/ml



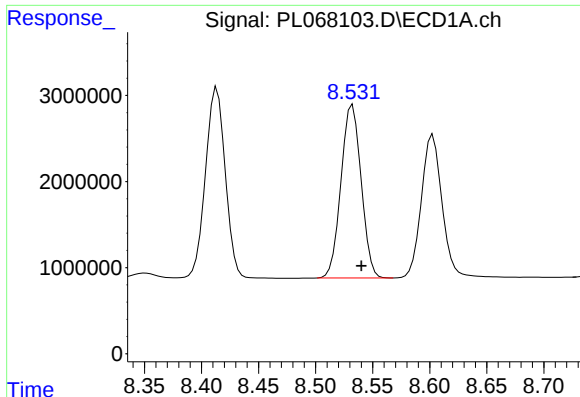
#16 4,4'-DDD

R.T.: 8.269 min  
Delta R.T.: -0.007 min  
Response: 26986838  
Conc: 53.45 ng/ml



#16 4,4'-DDD

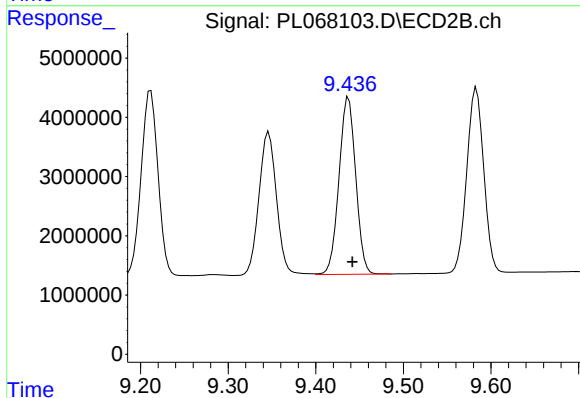
R.T.: 9.120 min  
Delta R.T.: -0.004 min  
Response: 42763800  
Conc: 54.94 ng/ml



#17 4,4'-DDT

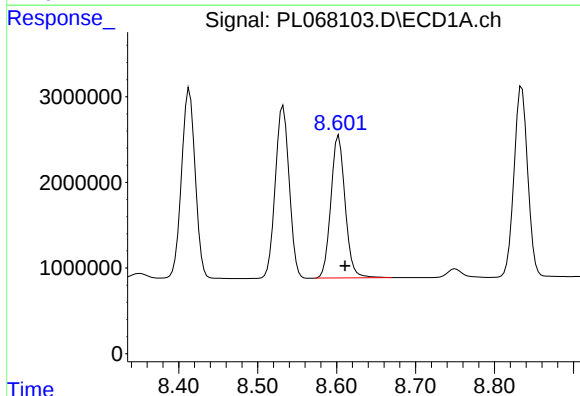
R.T.: 8.532 min  
Delta R.T.: -0.008 min  
Response: 24741749  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



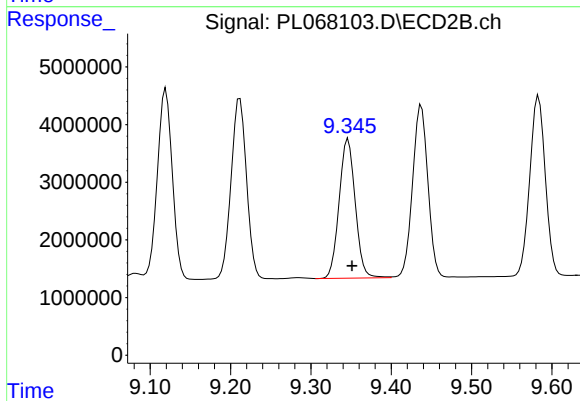
#17 4,4'-DDT

R.T.: 9.437 min  
Delta R.T.: -0.004 min  
Response: 39678498  
Conc: 47.75 ng/ml



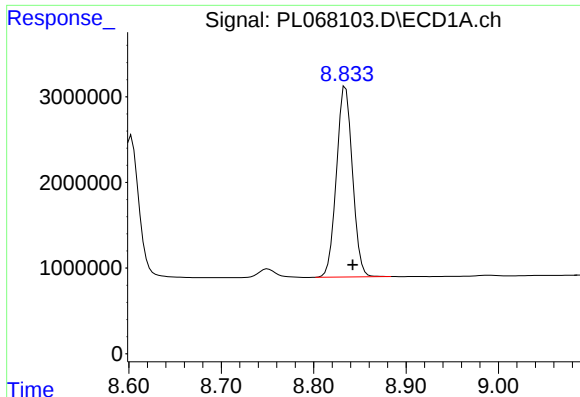
#18 Endrin aldehyde

R.T.: 8.603 min  
Delta R.T.: -0.008 min  
Response: 20875050  
Conc: 50.08 ng/ml



#18 Endrin aldehyde

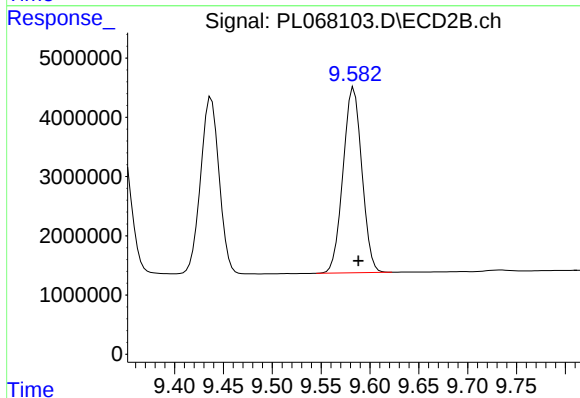
R.T.: 9.346 min  
Delta R.T.: -0.005 min  
Response: 33674861  
Conc: 52.77 ng/ml



#19 Endosulfan Sulfate

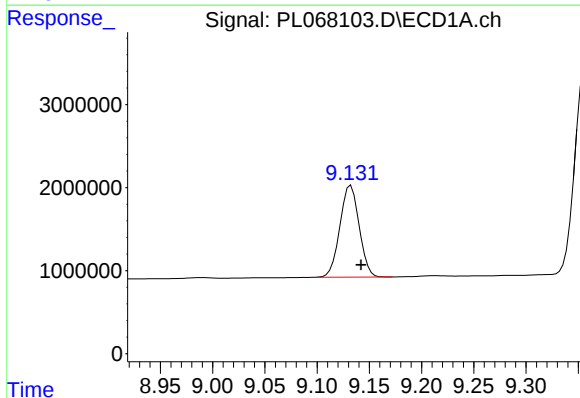
R.T.: 8.835 min  
Delta R.T.: -0.008 min  
Response: 26801479  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



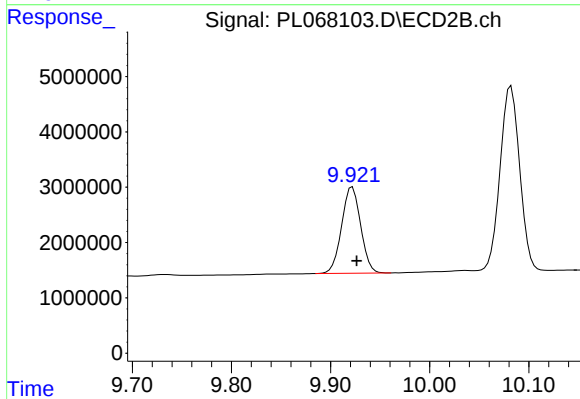
#19 Endosulfan Sulfate

R.T.: 9.584 min  
Delta R.T.: -0.005 min  
Response: 41991710  
Conc: 52.26 ng/ml



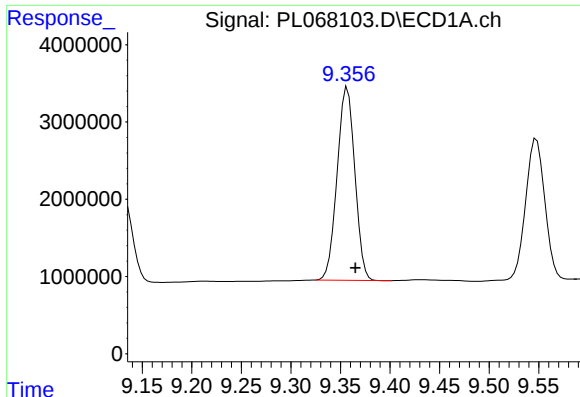
#20 Methoxychlor

R.T.: 9.132 min  
Delta R.T.: -0.010 min  
Response: 14157834  
Conc: 45.29 ng/ml



#20 Methoxychlor

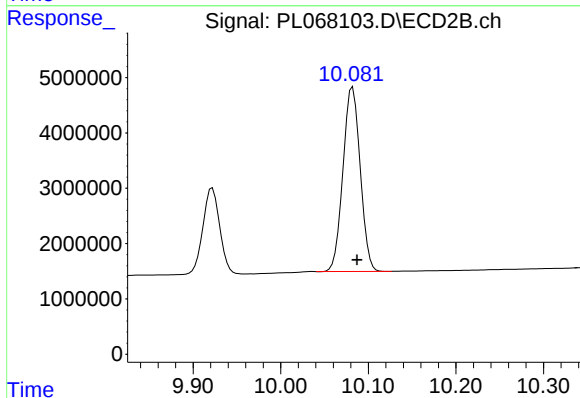
R.T.: 9.922 min  
Delta R.T.: -0.004 min  
Response: 20822797  
Conc: 47.61 ng/ml



#21 Endrin ketone

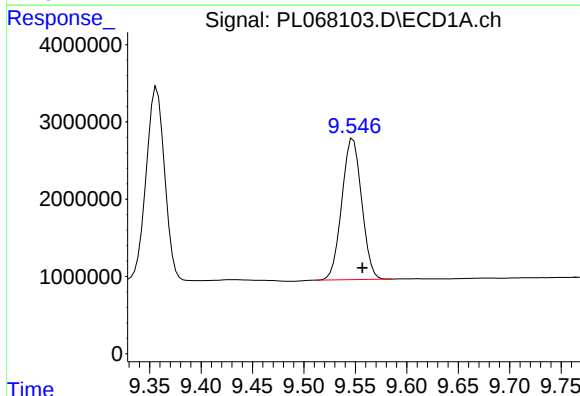
R.T.: 9.357 min  
Delta R.T.: -0.008 min  
Response: 31061321  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



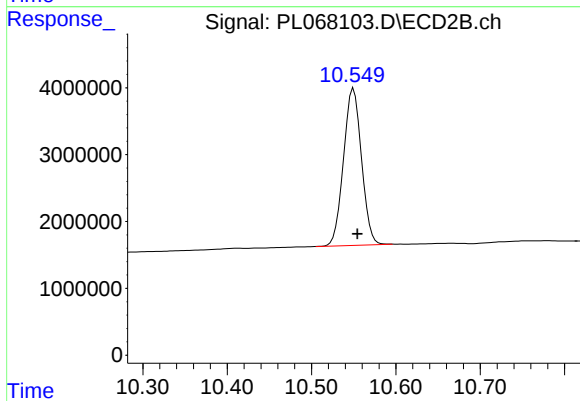
#21 Endrin ketone

R.T.: 10.082 min  
Delta R.T.: -0.005 min  
Response: 45589381  
Conc: 52.55 ng/ml



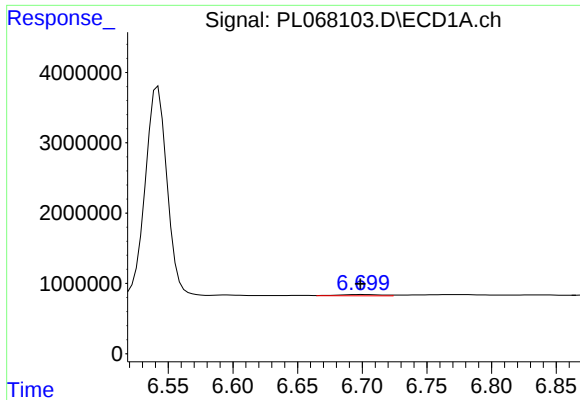
#22 Mirex

R.T.: 9.548 min  
Delta R.T.: -0.009 min  
Response: 24503783  
Conc: 49.21 ng/ml



#22 Mirex

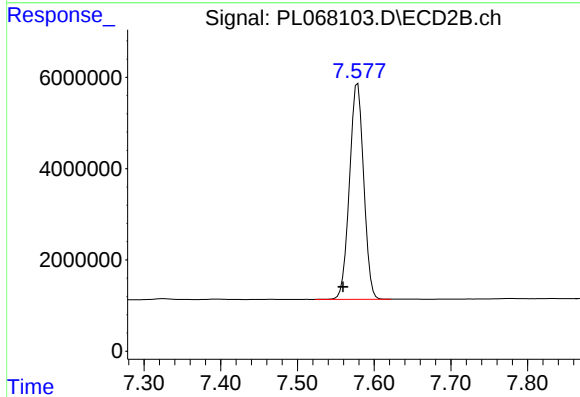
R.T.: 10.550 min  
Delta R.T.: -0.005 min  
Response: 34847390  
Conc: 51.68 ng/ml



#24 Chlordane-2

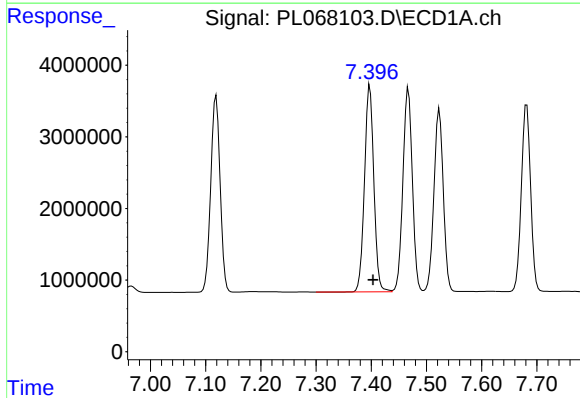
R.T.: 6.700 min  
Delta R.T.: 0.002 min  
Response: 421631  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



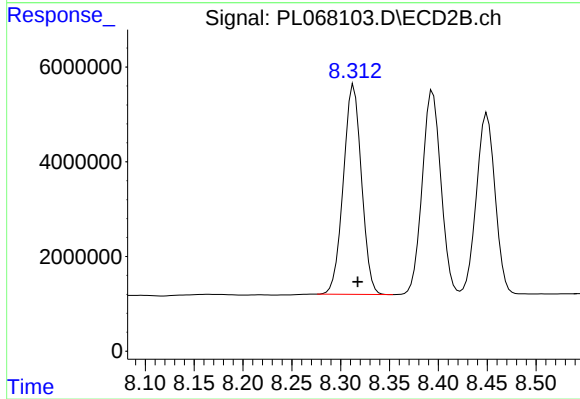
#24 Chlordane-2

R.T.: 7.579 min  
Delta R.T.: 0.019 min  
Response: 61395567  
Conc: 1549.24 ng/ml



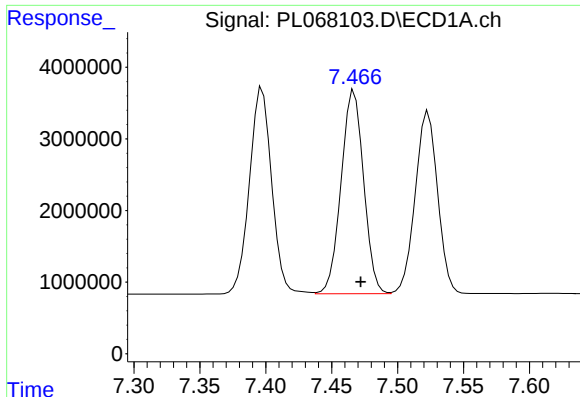
#25 Chlordane-3

R.T.: 7.397 min  
Delta R.T.: -0.006 min  
Response: 33958633  
Conc: 529.32 ng/ml



#25 Chlordane-3

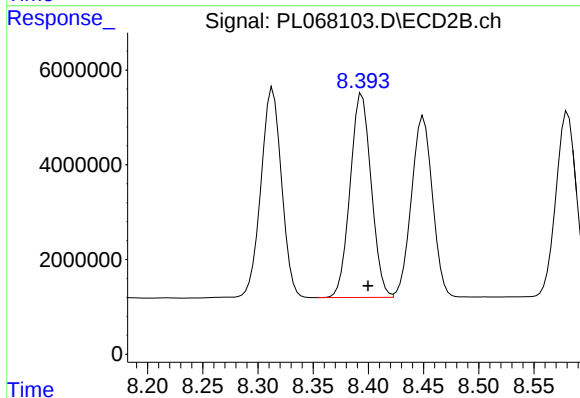
R.T.: 8.313 min  
Delta R.T.: -0.004 min  
Response: 57257611  
Conc: 407.85 ng/ml



#26 Chlordane-4

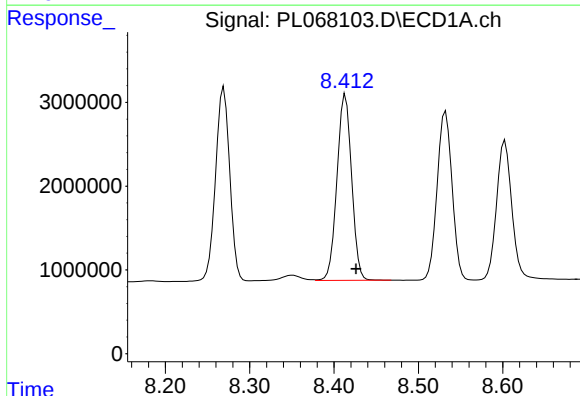
R.T.: 7.467 min  
Delta R.T.: -0.005 min  
Response: 33772436  
Conc: 501.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



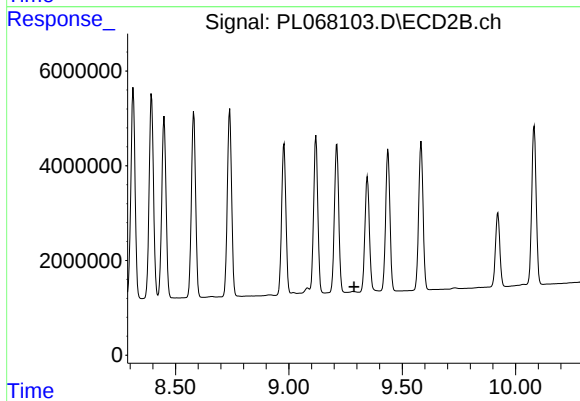
#26 Chlordane-4

R.T.: 8.394 min  
Delta R.T.: -0.005 min  
Response: 57182287  
Conc: 338.95 ng/ml



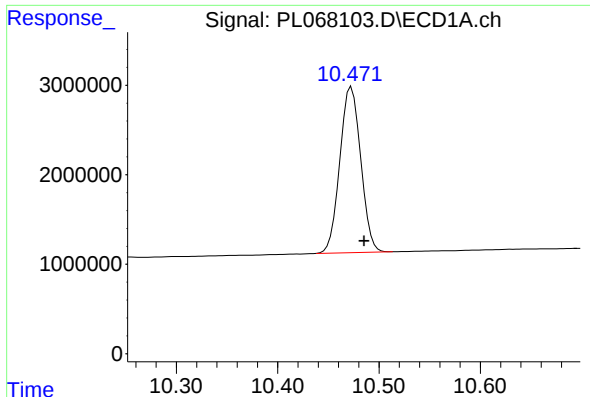
#27 Chlordane-5

R.T.: 8.414 min  
Delta R.T.: -0.012 min  
Response: 26841085  
Conc: 1185.92 ng/ml



#27 Chlordane-5

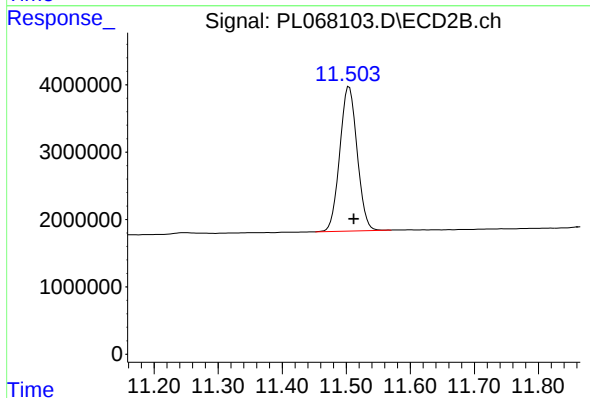
R.T.: 0.000 min  
Exp R.T.: 9.288 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.473 min  
Delta R.T.: -0.012 min  
Response: 26560044  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.505 min  
Delta R.T.: -0.007 min  
Response: 40317002  
Conc: 51.74 ng/ml