

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070622\  
 Data File : PL076264.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2022 11:28  
 Operator : AR\AJ  
 Sample : PB146012BS  
 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: Jul 07 00:09:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 24 02:17:51 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... | 5.638  | 4.623  | 11111432 | 30548063 | 14.691   | 16.107    |
| 28)                         | SA Decachlor... | 11.624 | 10.361 | 10565794 | 27770235 | 16.791   | 18.081    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.221  | 5.324  | 43387432 | 116.8E6  | 43.925   | 47.768    |
| 3)                          | MA gamma-BHC... | 6.619  | 5.744  | 40485880 | 108.3E6  | 43.732   | 46.855    |
| 4)                          | MA Heptachlor   | 7.273  | 6.151  | 40199056 | 107.6E6  | 43.822   | 47.447    |
| 5)                          | MB Aldrin       | 7.646  | 6.474  | 36981273 | 98625660 | 44.552   | 47.770    |
| 6)                          | B beta-BHC      | 6.872  | 6.124  | 19595452 | 47625314 | 44.742   | 45.656    |
| 7)                          | B delta-BHC     | 7.142  | 6.384  | 37370450 | 105.7E6  | 47.861   | 46.771    |
| 8)                          | B Heptachlo...  | 8.114  | 7.048  | 34641515 | 90441800 | 43.508   | 47.144    |
| 9)                          | A Endosulfan I  | 8.522  | 7.449  | 32103678 | 84374648 | 44.410   | 48.054    |
| 10)                         | B gamma-Chl...  | 8.384  | 7.324  | 34083542 | 91688140 | 43.850   | 47.698    |
| 11)                         | B alpha-Chl...  | 8.466  | 7.393  | 34335129 | 90752561 | 44.213   | 47.415    |
| 12)                         | B 4,4'-DDE      | 8.651  | 7.606  | 30270327 | 81414584 | 44.785   | 47.966    |
| 13)                         | MA Dieldrin     | 8.811  | 7.734  | 32569251 | 86371124 | 44.363   | 47.998    |
| 14)                         | MA Endrin       | 9.053  | 8.025  | 25870063 | 68622310 | 41.492   | 45.156    |
| 15)                         | B Endosulfa...  | 9.287  | 8.335  | 28367927 | 71173843 | 44.712   | 47.089    |
| 16)                         | A 4,4'-DDD      | 9.193  | 8.189  | 26150746 | 68210512 | 46.119   | 49.178    |
| 17)                         | MA 4,4'-DDT     | 9.512  | 8.449  | 27556077 | 67981634 | 45.139   | 45.964    |
| 18)                         | B Endrin al...  | 9.421  | 8.523  | 22695429 | 56066751 | 43.939   | 46.965    |
| 19)                         | B Endosulfa...  | 9.660  | 8.752  | 28477791 | 72561302 | 44.421   | 47.294    |
| 20)                         | A Methoxychlor  | 9.997  | 9.041  | 15182309 | 36026804 | 44.262   | 42.306    |
| 21)                         | B Endrin ke...  | 10.161 | 9.270  | 33413940 | 82193918 | 46.358   | 49.751    |
| 22)                         | Mirex           | 10.633 | 9.455  | 23423045 | 58288662 | 43.549   | 43.558    |
| 23)                         | Chlordane-1     | 0.000  | 5.953  | 0        | 2494247  | N.D.     | 44.550 #  |
| 24)                         | Chlordane-2     | 7.646f | 0.000  | 36981273 | 0        | 1219.087 | N.D. #    |
| 25)                         | Chlordane-3     | 8.384  | 7.324  | 34083542 | 91688140 | 335.170  | 519.882 # |
| 26)                         | Chlordane-4     | 8.466  | 7.393  | 34335129 | 90752561 | 275.786  | 481.397 # |
| 27)                         | Chlordane-5     | 0.000  | 8.124  | 0        | 27574    | N.D.     | 0.603 #   |
| -----                       |                 |        |        |          |          |          |           |

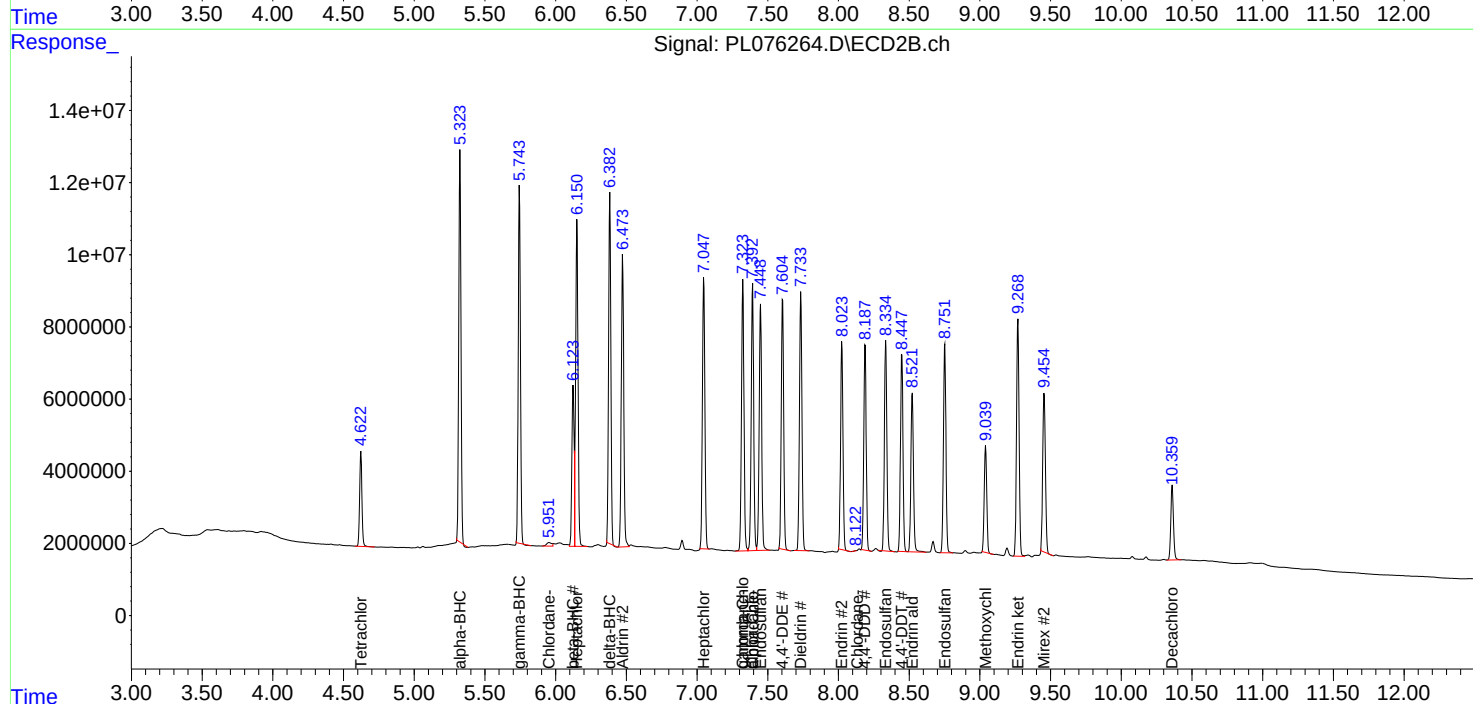
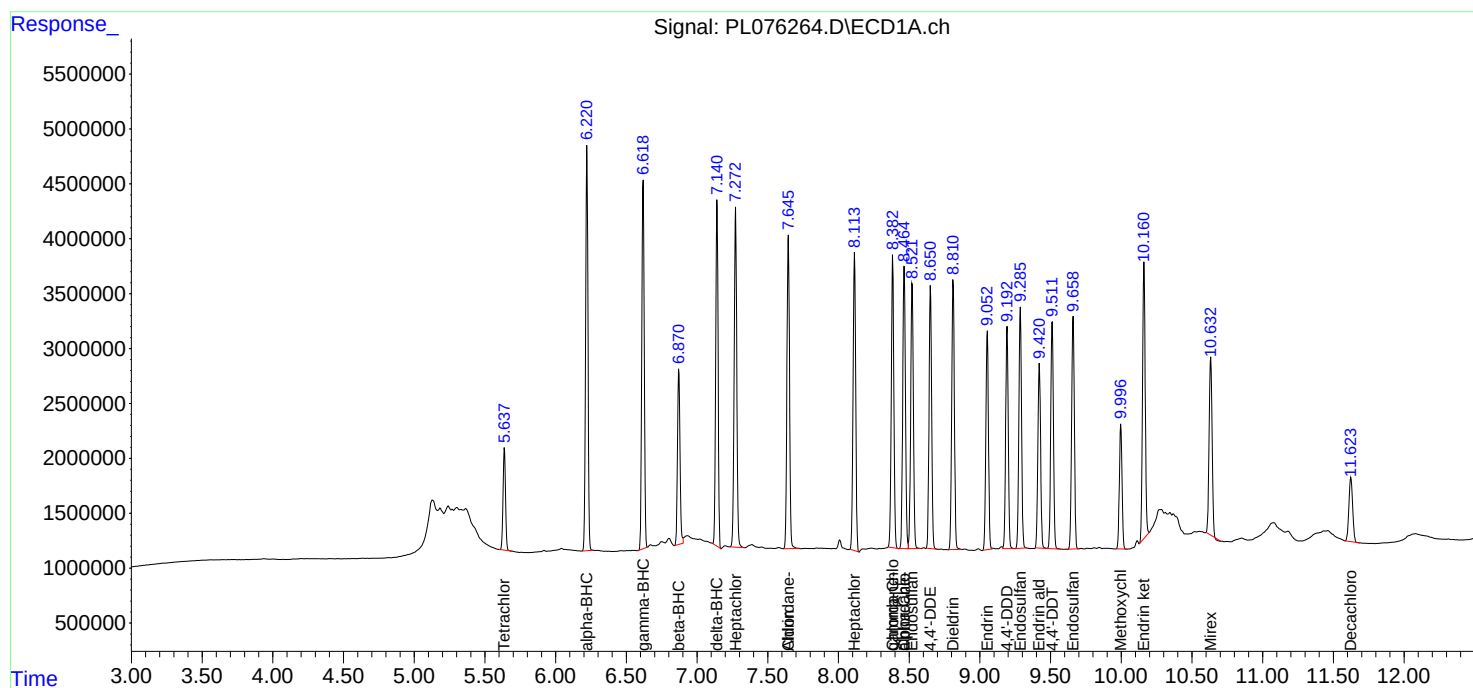
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

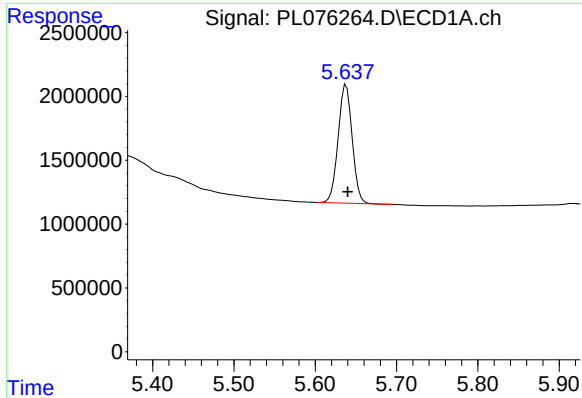
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070622\  
Data File : PL076264.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2022 11:28  
Operator : AR\AJ  
Sample : PB146012BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 07 00:09:04 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 24 02:17:51 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

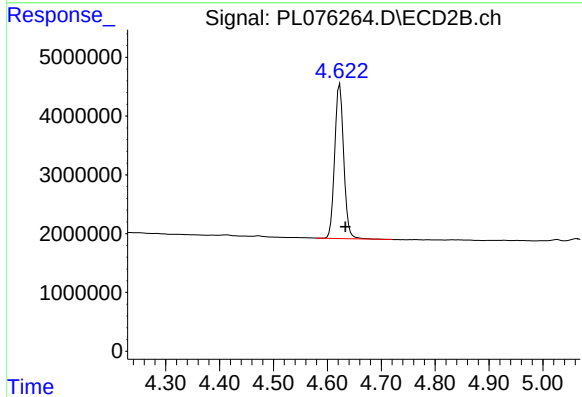




#1 Tetrachloro-m-xylene

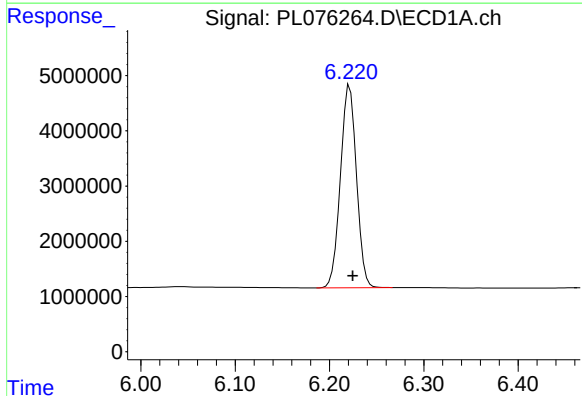
R.T.: 5.638 min  
Delta R.T.: -0.002 min  
Response: 11111432  
Conc: 14.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



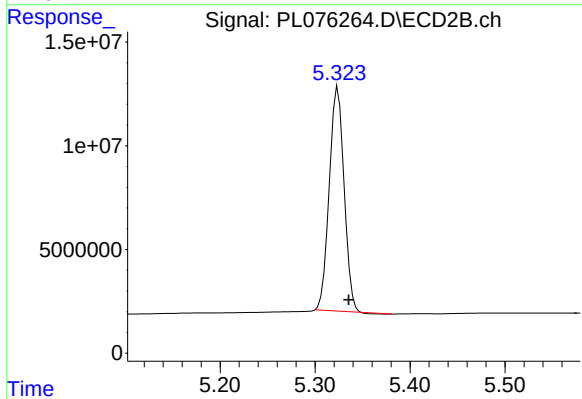
#1 Tetrachloro-m-xylene

R.T.: 4.623 min  
Delta R.T.: -0.011 min  
Response: 30548063  
Conc: 16.11 ng/ml



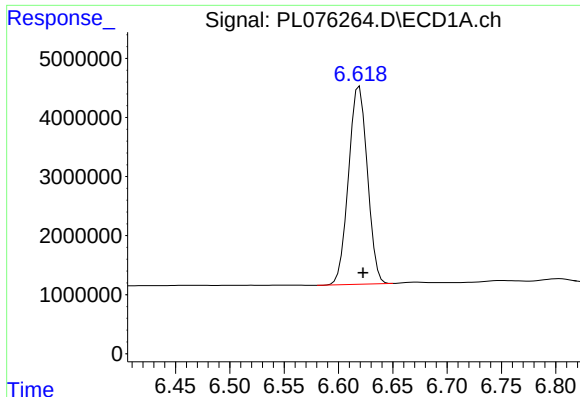
#2 alpha-BHC

R.T.: 6.221 min  
Delta R.T.: -0.003 min  
Response: 43387432  
Conc: 43.92 ng/ml



#2 alpha-BHC

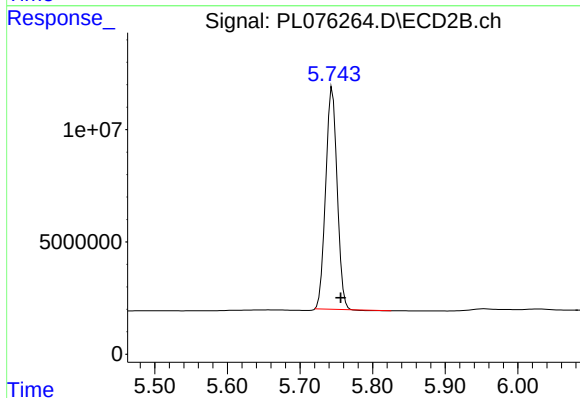
R.T.: 5.324 min  
Delta R.T.: -0.011 min  
Response: 116757527  
Conc: 47.77 ng/ml



#3 gamma-BHC (Lindane)

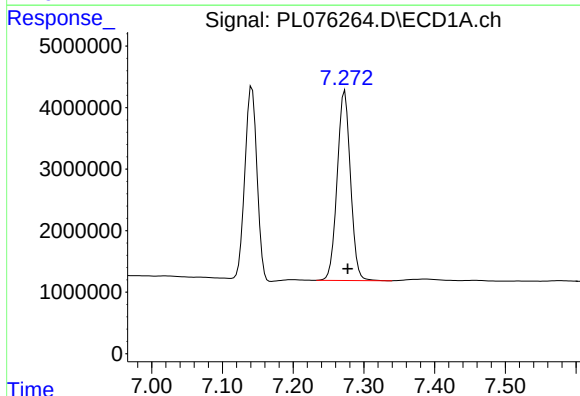
R.T.: 6.619 min  
Delta R.T.: -0.003 min  
Response: 40485880  
Conc: 43.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



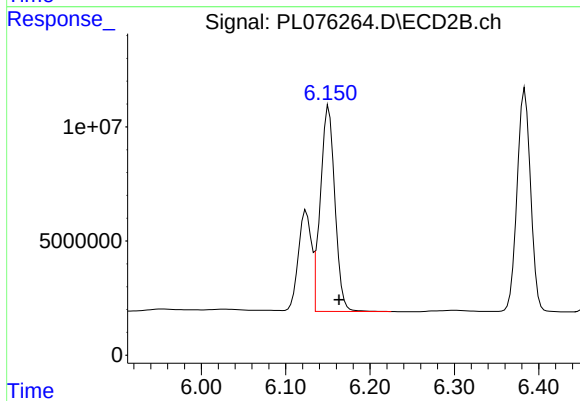
#3 gamma-BHC (Lindane)

R.T.: 5.744 min  
Delta R.T.: -0.012 min  
Response: 108322701  
Conc: 46.86 ng/ml



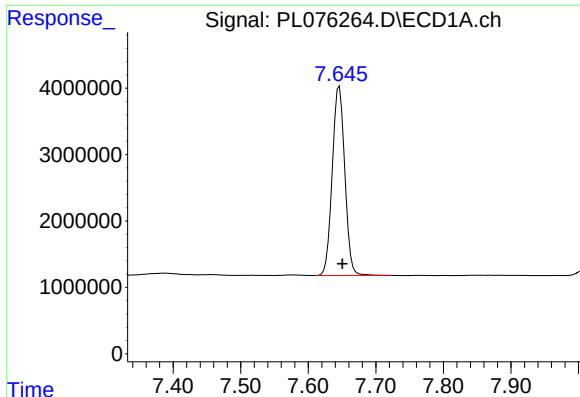
#4 Heptachlor

R.T.: 7.273 min  
Delta R.T.: -0.004 min  
Response: 40199056  
Conc: 43.82 ng/ml



#4 Heptachlor

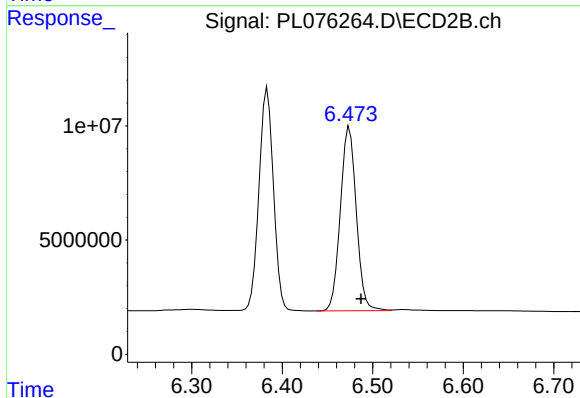
R.T.: 6.151 min  
Delta R.T.: -0.012 min  
Response: 107645400  
Conc: 47.45 ng/ml



#5 Aldrin

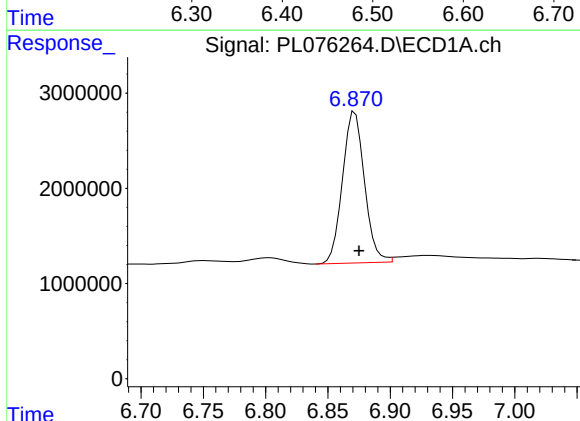
R.T.: 7.646 min  
Delta R.T.: -0.005 min  
Response: 36981273  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



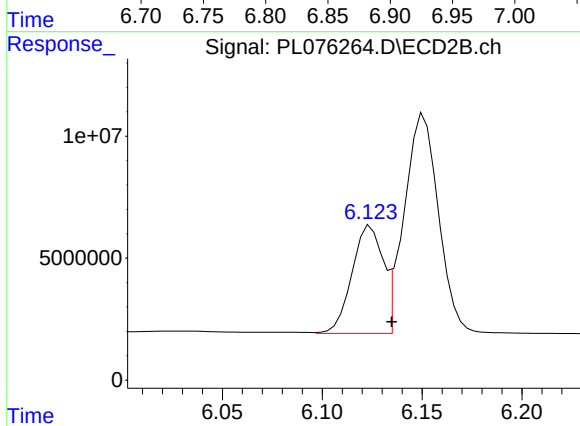
#5 Aldrin

R.T.: 6.474 min  
Delta R.T.: -0.013 min  
Response: 98625660  
Conc: 47.77 ng/ml



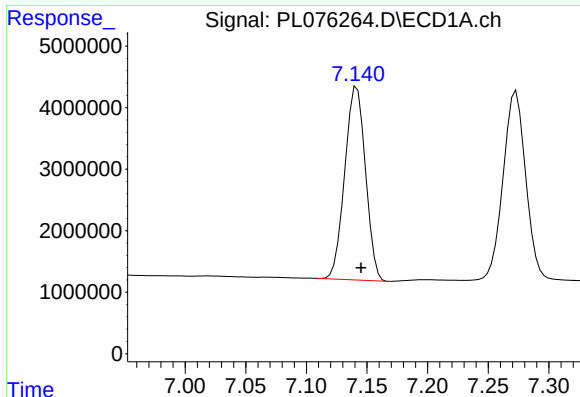
#6 beta-BHC

R.T.: 6.872 min  
Delta R.T.: -0.003 min  
Response: 19595452  
Conc: 44.74 ng/ml



#6 beta-BHC

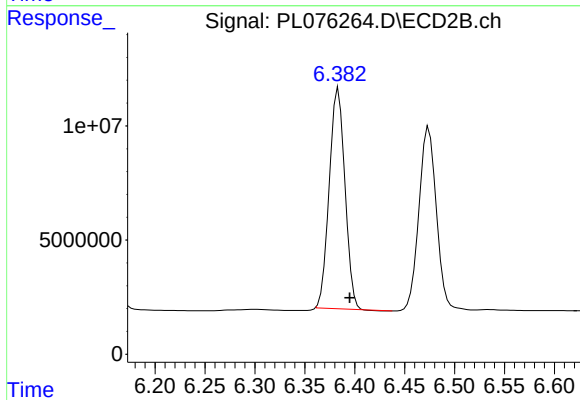
R.T.: 6.124 min  
Delta R.T.: -0.010 min  
Response: 47625314  
Conc: 45.66 ng/ml



#7 delta-BHC

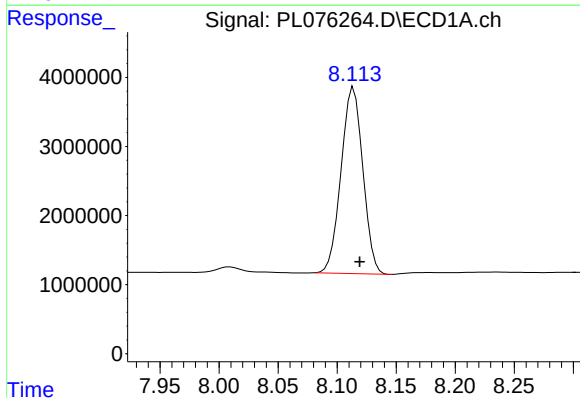
R.T.: 7.142 min  
Delta R.T.: -0.003 min  
Response: 37370450  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



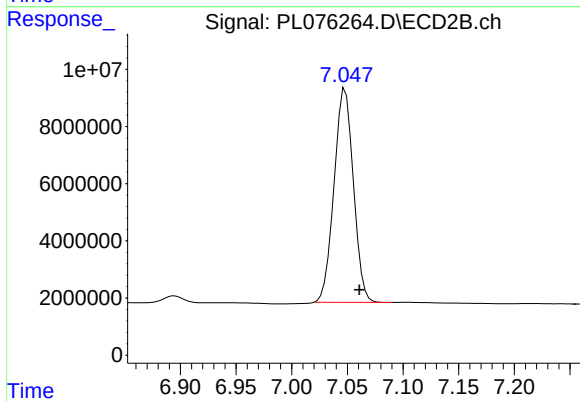
#7 delta-BHC

R.T.: 6.384 min  
Delta R.T.: -0.011 min  
Response: 105651143  
Conc: 46.77 ng/ml



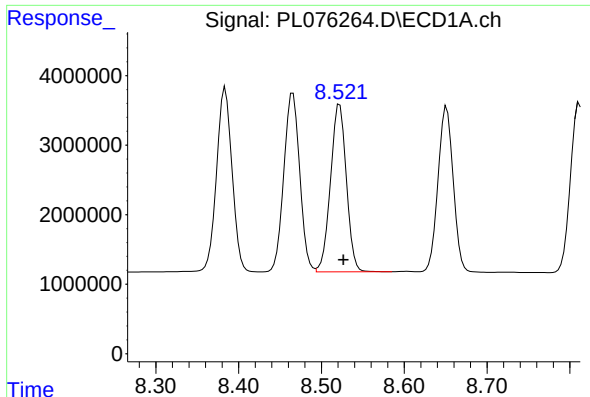
#8 Heptachlor epoxide

R.T.: 8.114 min  
Delta R.T.: -0.005 min  
Response: 34641515  
Conc: 43.51 ng/ml



#8 Heptachlor epoxide

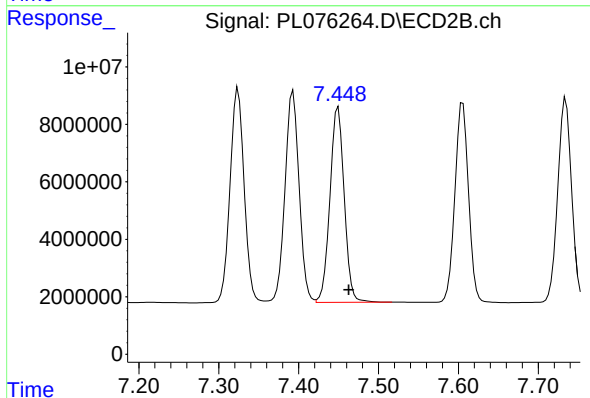
R.T.: 7.048 min  
Delta R.T.: -0.013 min  
Response: 90441800  
Conc: 47.14 ng/ml



#9 Endosulfan I

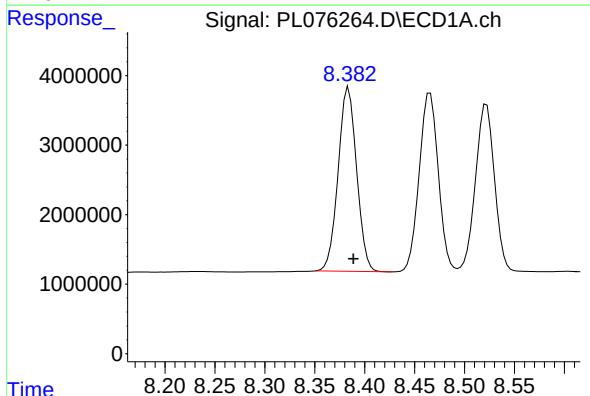
R.T.: 8.522 min  
Delta R.T.: -0.005 min  
Response: 32103678  
Conc: 44.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



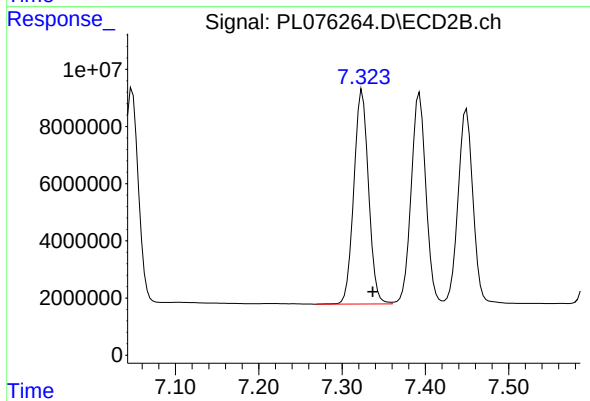
#9 Endosulfan I

R.T.: 7.449 min  
Delta R.T.: -0.013 min  
Response: 84374648  
Conc: 48.05 ng/ml



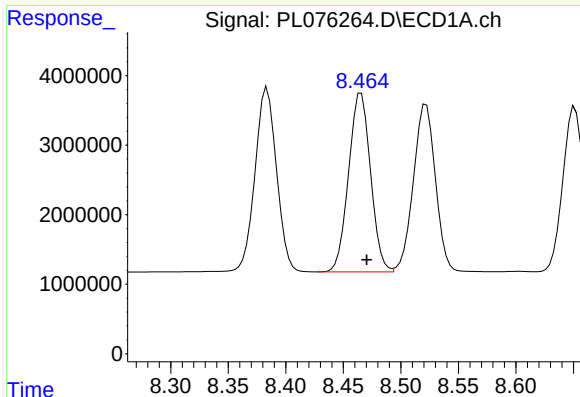
#10 gamma-Chlordane

R.T.: 8.384 min  
Delta R.T.: -0.005 min  
Response: 34083542  
Conc: 43.85 ng/ml



#10 gamma-Chlordane

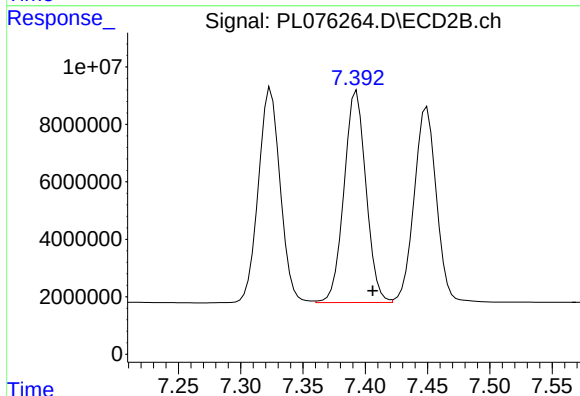
R.T.: 7.324 min  
Delta R.T.: -0.013 min  
Response: 91688140  
Conc: 47.70 ng/ml



#11 alpha-Chlordane

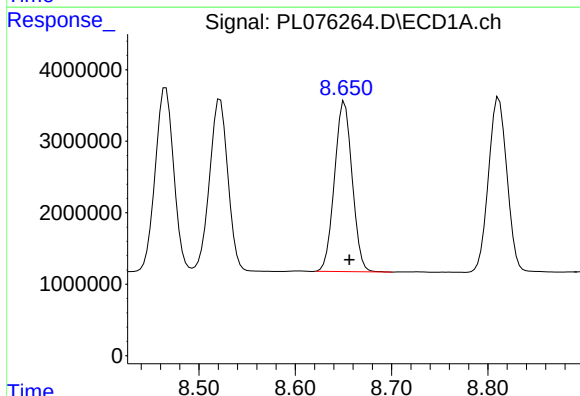
R.T.: 8.466 min  
Delta R.T.: -0.005 min  
Response: 34335129  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



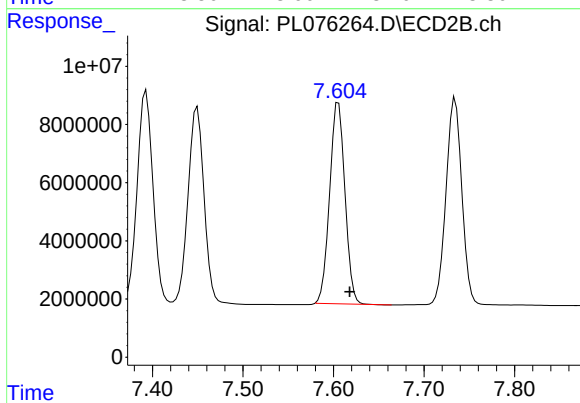
#11 alpha-Chlordane

R.T.: 7.393 min  
Delta R.T.: -0.013 min  
Response: 90752561  
Conc: 47.42 ng/ml



#12 4,4'-DDE

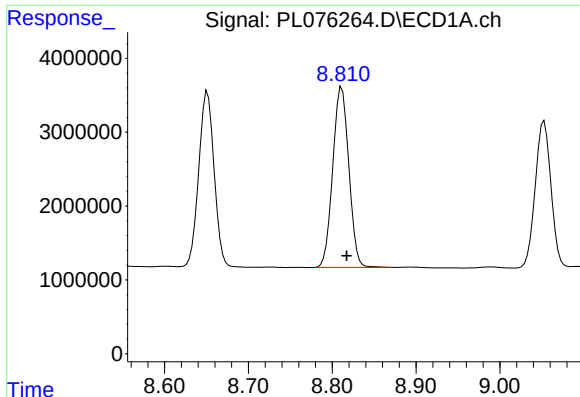
R.T.: 8.651 min  
Delta R.T.: -0.005 min  
Response: 30270327  
Conc: 44.79 ng/ml



#12 4,4'-DDE

R.T.: 7.606 min  
Delta R.T.: -0.013 min  
Response: 81414584  
Conc: 47.97 ng/ml

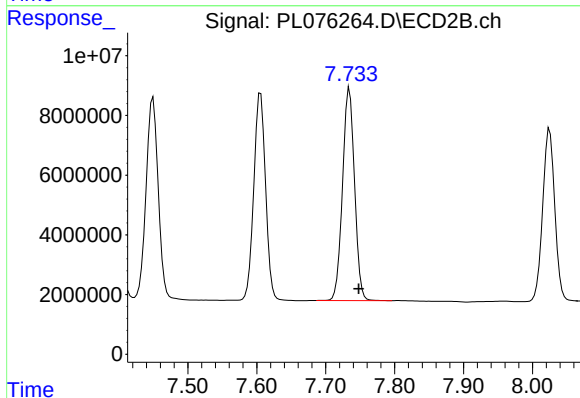




#13 Dieldrin

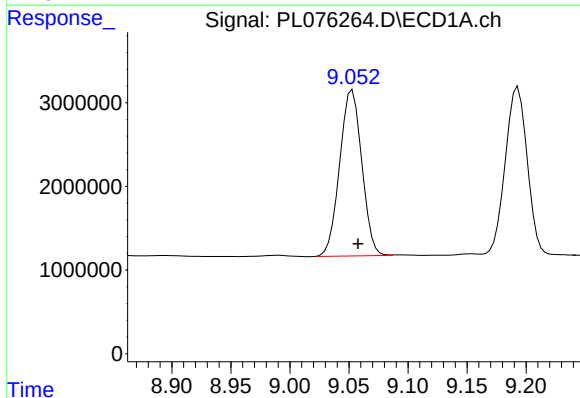
R.T.: 8.811 min  
Delta R.T.: -0.006 min  
Response: 32569251  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



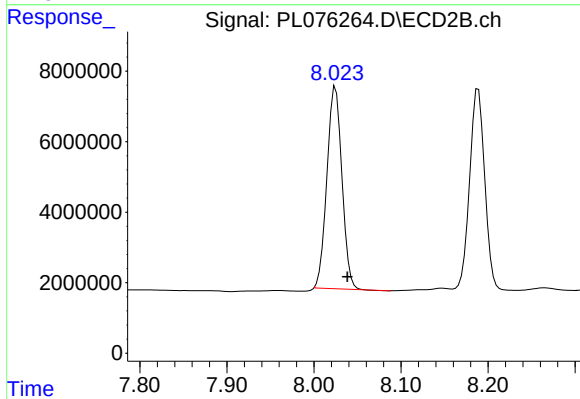
#13 Dieldrin

R.T.: 7.734 min  
Delta R.T.: -0.013 min  
Response: 86371124  
Conc: 48.00 ng/ml



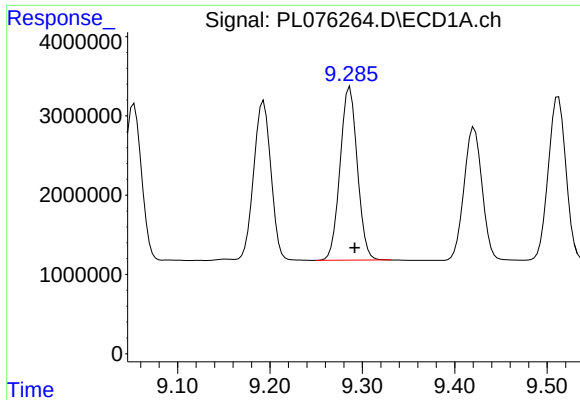
#14 Endrin

R.T.: 9.053 min  
Delta R.T.: -0.005 min  
Response: 25870063  
Conc: 41.49 ng/ml



#14 Endrin

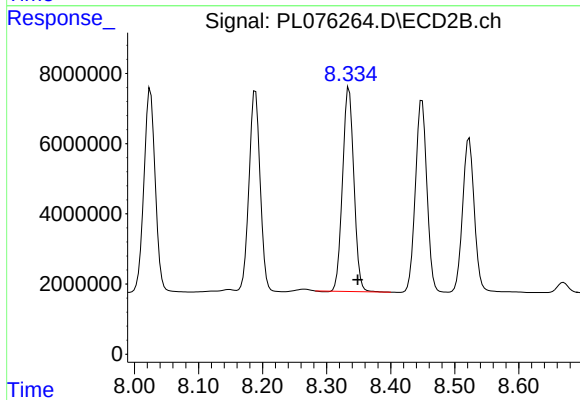
R.T.: 8.025 min  
Delta R.T.: -0.014 min  
Response: 68622310  
Conc: 45.16 ng/ml



#15 Endosulfan II

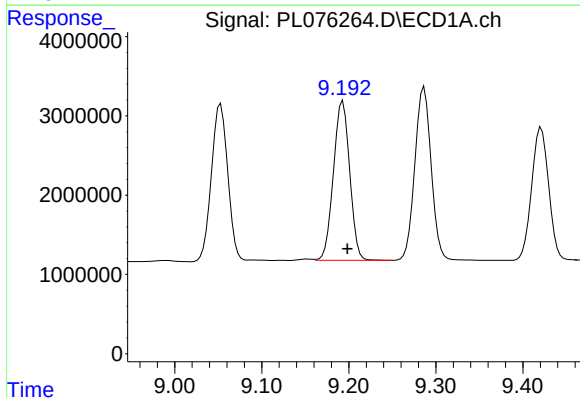
R.T.: 9.287 min  
Delta R.T.: -0.005 min  
Response: 28367927  
Conc: 44.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



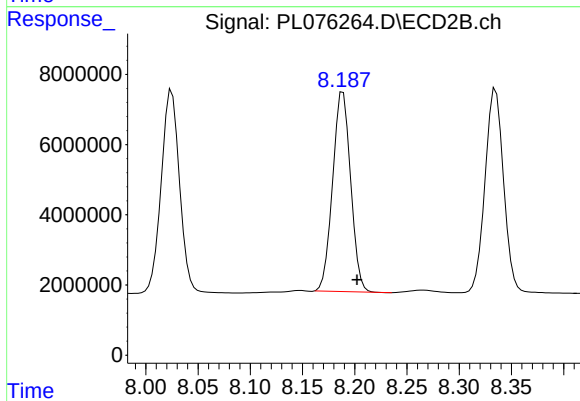
#15 Endosulfan II

R.T.: 8.335 min  
Delta R.T.: -0.014 min  
Response: 71173843  
Conc: 47.09 ng/ml



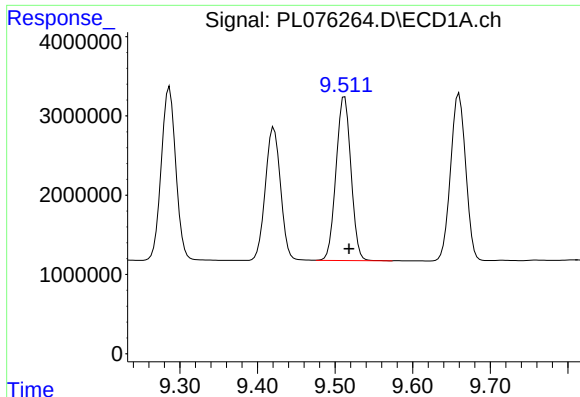
#16 4,4'-DDD

R.T.: 9.193 min  
Delta R.T.: -0.005 min  
Response: 26150746  
Conc: 46.12 ng/ml



#16 4,4'-DDD

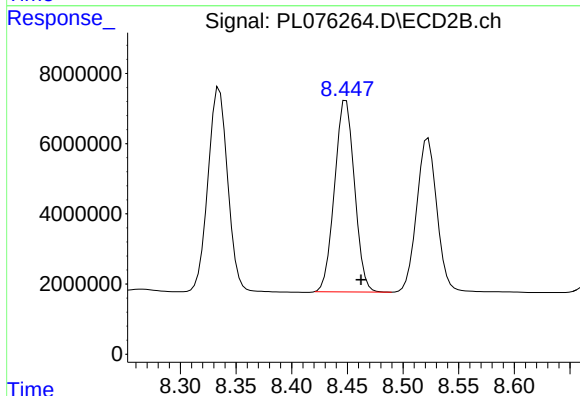
R.T.: 8.189 min  
Delta R.T.: -0.013 min  
Response: 68210512  
Conc: 49.18 ng/ml



#17 4,4'-DDT

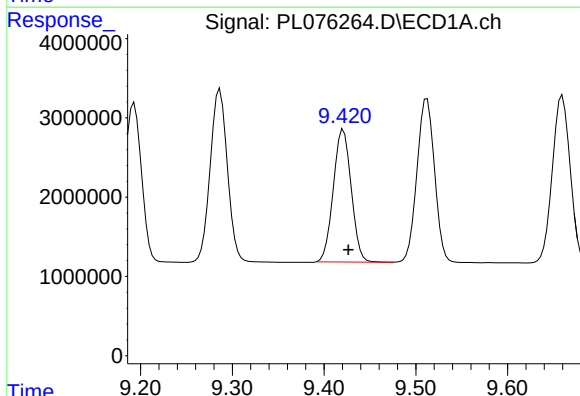
R.T.: 9.512 min  
Delta R.T.: -0.006 min  
Response: 27556077  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



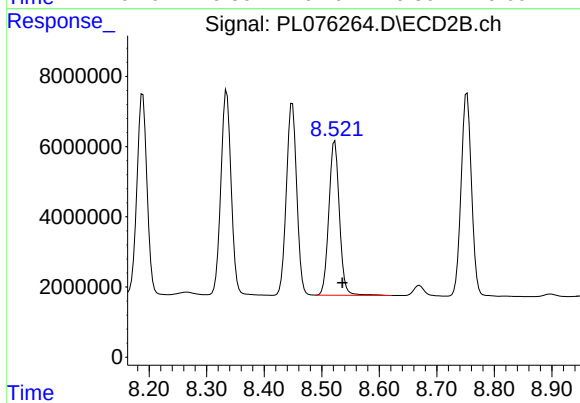
#17 4,4'-DDT

R.T.: 8.449 min  
Delta R.T.: -0.013 min  
Response: 67981634  
Conc: 45.96 ng/ml



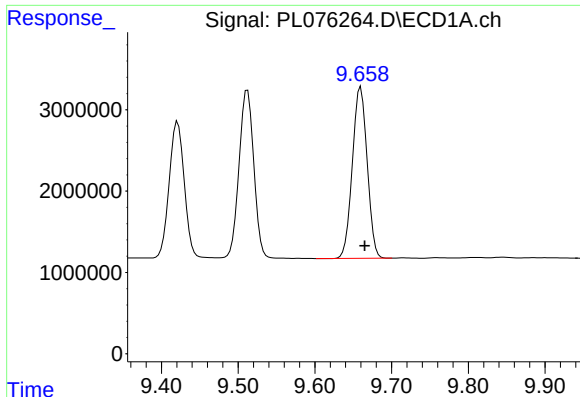
#18 Endrin aldehyde

R.T.: 9.421 min  
Delta R.T.: -0.005 min  
Response: 22695429  
Conc: 43.94 ng/ml



#18 Endrin aldehyde

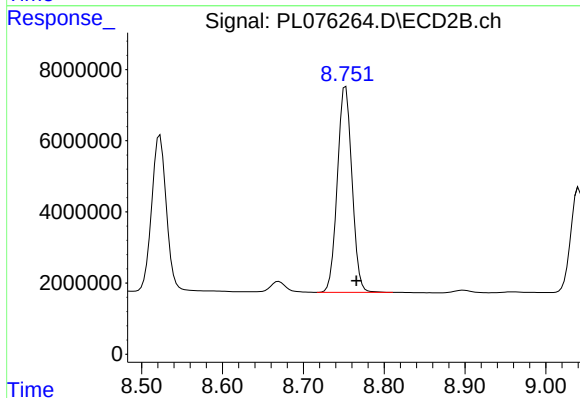
R.T.: 8.523 min  
Delta R.T.: -0.013 min  
Response: 56066751  
Conc: 46.96 ng/ml



#19 Endosulfan Sulfate

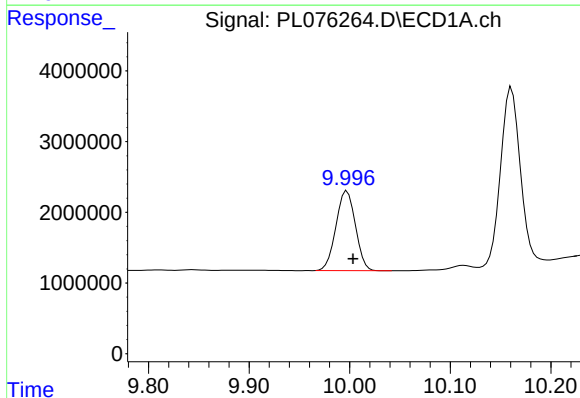
R.T.: 9.660 min  
Delta R.T.: -0.005 min  
Response: 28477791  
Conc: 44.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



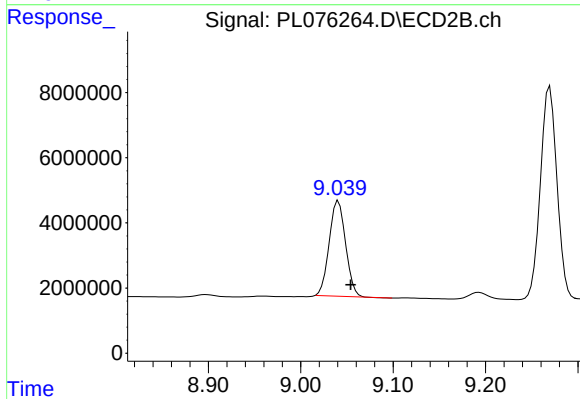
#19 Endosulfan Sulfate

R.T.: 8.752 min  
Delta R.T.: -0.013 min  
Response: 72561302  
Conc: 47.29 ng/ml



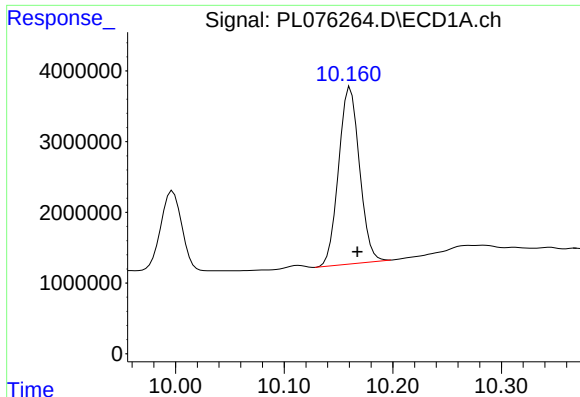
#20 Methoxychlor

R.T.: 9.997 min  
Delta R.T.: -0.006 min  
Response: 15182309  
Conc: 44.26 ng/ml



#20 Methoxychlor

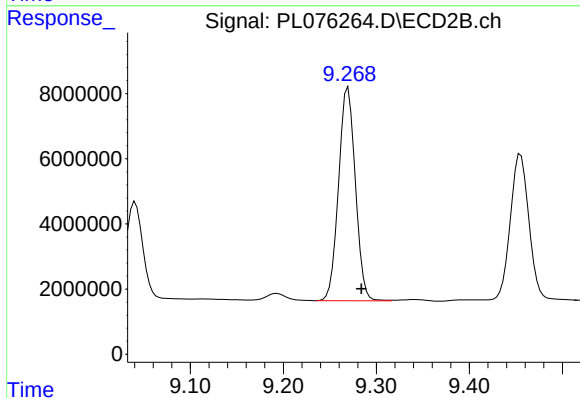
R.T.: 9.041 min  
Delta R.T.: -0.013 min  
Response: 36026804  
Conc: 42.31 ng/ml



#21 Endrin ketone

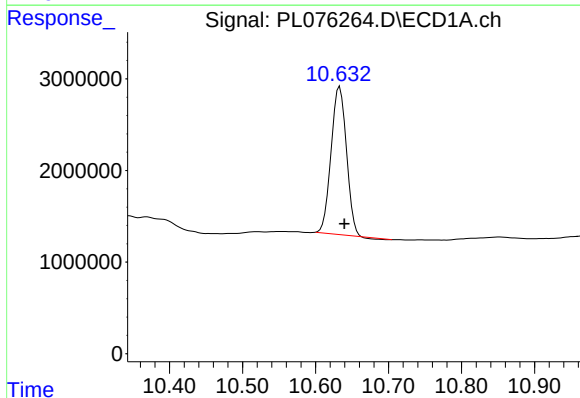
R.T.: 10.161 min  
Delta R.T.: -0.006 min  
Response: 33413940  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



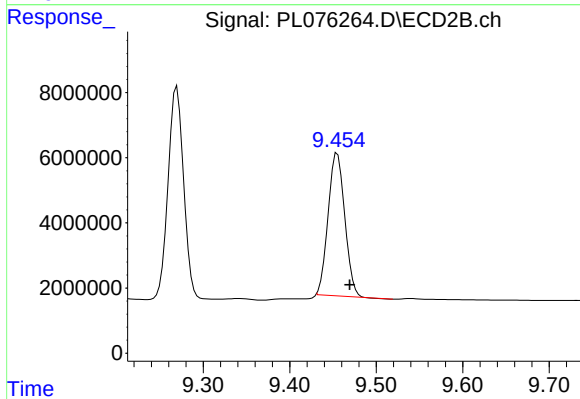
#21 Endrin ketone

R.T.: 9.270 min  
Delta R.T.: -0.014 min  
Response: 82193918  
Conc: 49.75 ng/ml



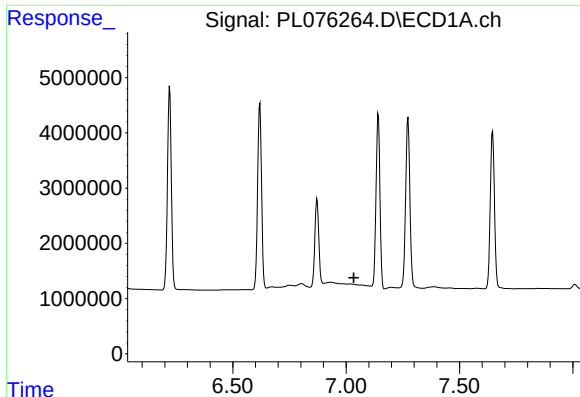
#22 Mirex

R.T.: 10.633 min  
Delta R.T.: -0.006 min  
Response: 23423045  
Conc: 43.55 ng/ml



#22 Mirex

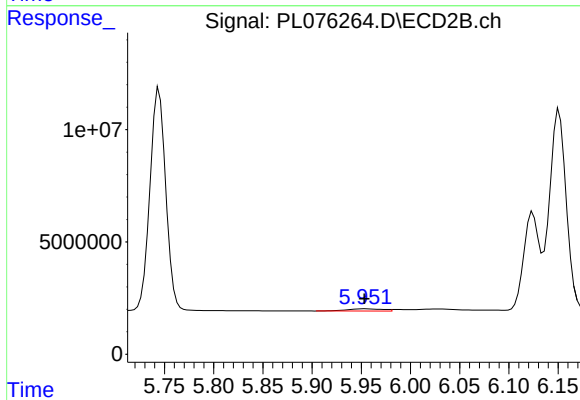
R.T.: 9.455 min  
Delta R.T.: -0.015 min  
Response: 58288662  
Conc: 43.56 ng/ml



#23 Chlordane-1

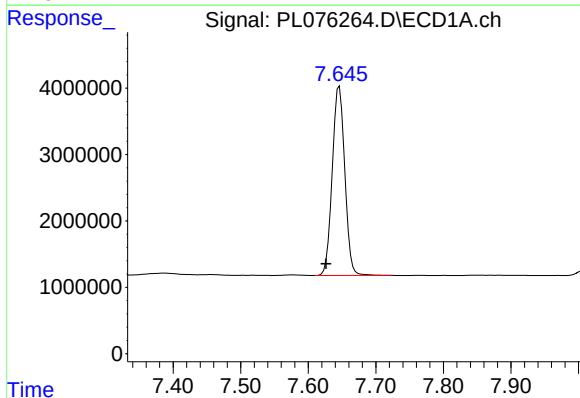
R.T.: 0.000 min  
Exp R.T.: 7.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



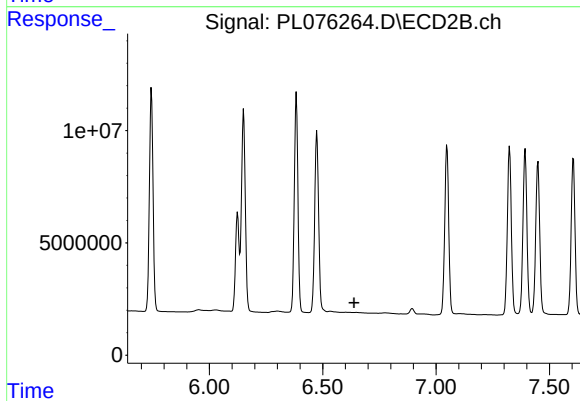
#23 Chlordane-1

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 2494247  
Conc: 44.55 ng/ml



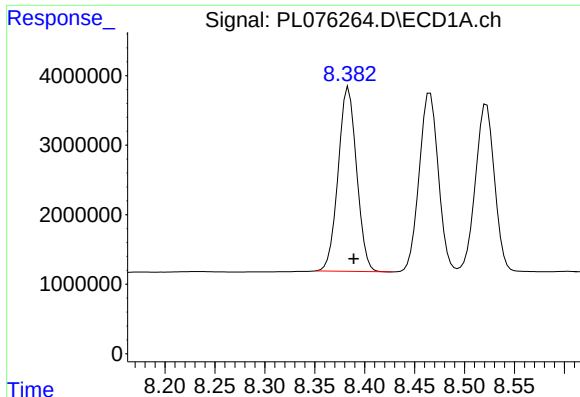
#24 Chlordane-2

R.T.: 7.646 min  
Delta R.T.: 0.019 min  
Response: 36981273  
Conc: 1219.09 ng/ml



#24 Chlordane-2

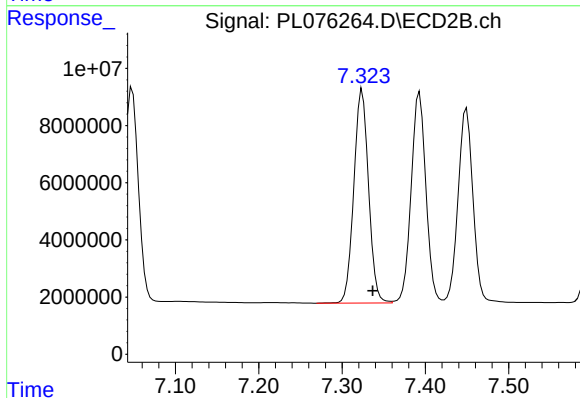
R.T.: 0.000 min  
Exp R.T.: 6.639 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

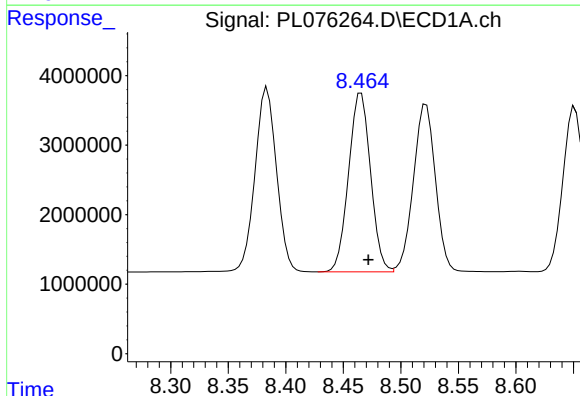
R.T.: 8.384 min  
Delta R.T.: -0.005 min  
Response: 34083542  
Conc: 335.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



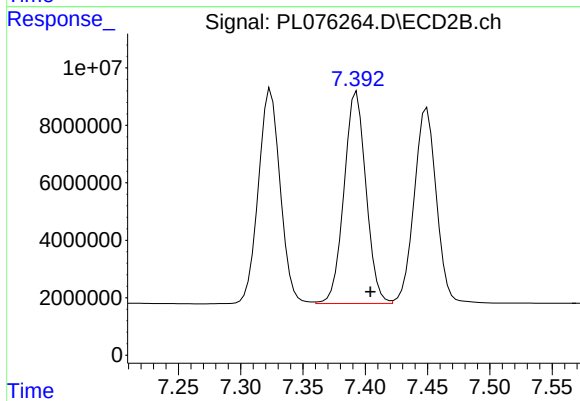
#25 Chlordane-3

R.T.: 7.324 min  
Delta R.T.: -0.012 min  
Response: 91688140  
Conc: 519.88 ng/ml



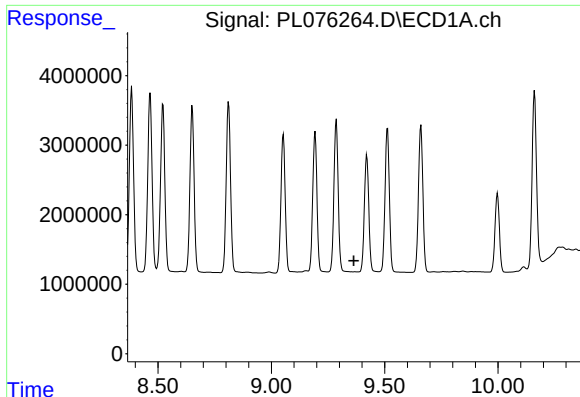
#26 Chlordane-4

R.T.: 8.466 min  
Delta R.T.: -0.006 min  
Response: 34335129  
Conc: 275.79 ng/ml



#26 Chlordane-4

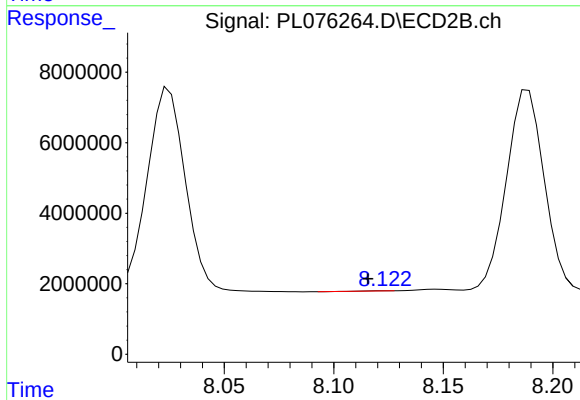
R.T.: 7.393 min  
Delta R.T.: -0.011 min  
Response: 90752561  
Conc: 481.40 ng/ml



#27 Chlordane-5

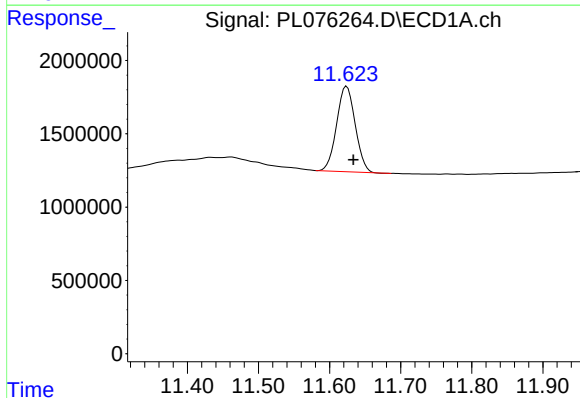
R.T.: 0.000 min  
Exp R.T.: 9.365 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



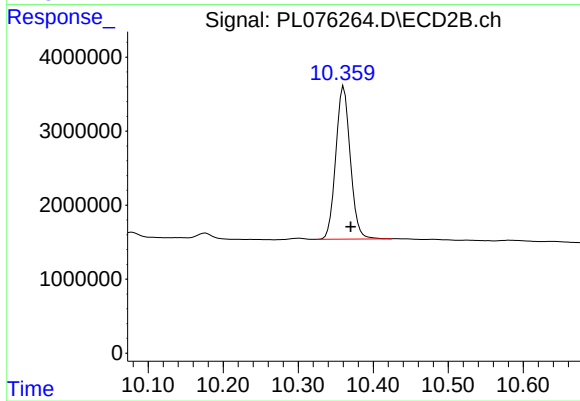
#27 Chlordane-5

R.T.: 8.124 min  
Delta R.T.: 0.008 min  
Response: 27574  
Conc: 0.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.624 min  
Delta R.T.: -0.010 min  
Response: 10565794  
Conc: 16.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.361 min  
Delta R.T.: -0.009 min  
Response: 27770235  
Conc: 18.08 ng/ml