

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070522\  
 Data File : PL076237.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jul 2022 10:02  
 Operator : AR\AJ  
 Sample : PB145757BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 06 02:50:14 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... | 5.646  | 4.630  | 12197382 | 31058855 | 16.127   | 16.376    |
| 28)                         | SA Decachlor... | 11.636 | 10.369 | 12085175 | 28699477 | 19.205   | 18.686    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.230  | 5.332  | 51871092 | 126.7E6  | 52.513   | 51.844    |
| 3)                          | MA gamma-BHC... | 6.628  | 5.752  | 48254574 | 118.9E6  | 52.124   | 51.441    |
| 4)                          | MA Heptachlor   | 7.282  | 6.159  | 47367038 | 112.6E6  | 51.636   | 49.643    |
| 5)                          | MB Aldrin       | 7.656  | 6.483  | 45263890 | 108.9E6  | 54.530   | 52.738    |
| 6)                          | B beta-BHC      | 6.880  | 6.132  | 23696369 | 49750246 | 54.105   | 47.693    |
| 7)                          | B delta-BHC     | 7.150  | 6.392  | 43994275 | 116.1E6  | 56.345   | 51.385    |
| 8)                          | B Heptachlo...  | 8.122  | 7.057  | 40086618 | 98641353 | 50.346   | 51.418    |
| 9)                          | A Endosulfan I  | 8.531  | 7.458  | 37946462 | 91372195 | 52.493   | 52.040    |
| 10)                         | B gamma-Chl...  | 8.393  | 7.333  | 40645599 | 101.2E6  | 52.293   | 52.642    |
| 11)                         | B alpha-Chl...  | 8.474  | 7.402  | 41002063 | 99572022 | 52.798   | 52.023    |
| 12)                         | B 4,4'-DDE      | 8.660  | 7.614  | 36652504 | 89579841 | 54.228   | 52.777    |
| 13)                         | MA Dieldrin     | 8.821  | 7.743  | 39857832 | 95425097 | 54.291   | 53.030    |
| 14)                         | MA Endrin       | 9.062  | 8.033  | 33187848 | 82501557 | 53.228   | 54.288    |
| 15)                         | B Endosulfa...  | 9.296  | 8.343  | 35058272 | 80778680 | 55.256   | 53.443    |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.197  | 30793767 | 72982934 | 54.307   | 52.619    |
| 17)                         | MA 4,4'-DDT     | 9.521  | 8.457  | 33775417 | 76439833 | 55.327   | 51.683    |
| 18)                         | B Endrin al...  | 9.430  | 8.531  | 28776995 | 64857270 | 55.713   | 54.328    |
| 19)                         | B Endosulfa...  | 9.668  | 8.761  | 34318395 | 80604528 | 53.532   | 52.537    |
| 20)                         | A Methoxychlor  | 10.006 | 9.049  | 18986704 | 41696842 | 55.353   | 48.964    |
| 21)                         | B Endrin ke...  | 10.170 | 9.279  | 41400128 | 89405138 | 57.438   | 54.115    |
| 22)                         | Mirex           | 10.642 | 9.464  | 29468755 | 70180378 | 54.790   | 52.445    |
| 24)                         | Chlordane-2     | 7.656f | 0.000  | 45263890 | 0        | 1492.124 | N.D. #    |
| 25)                         | Chlordane-3     | 8.393  | 7.333  | 40645599 | 101.2E6  | 399.700  | 573.770 # |
| 26)                         | Chlordane-4     | 8.474  | 7.402  | 41002063 | 99572022 | 329.336  | 528.180 # |
| -----                       |                 |        |        |          |          |          |           |

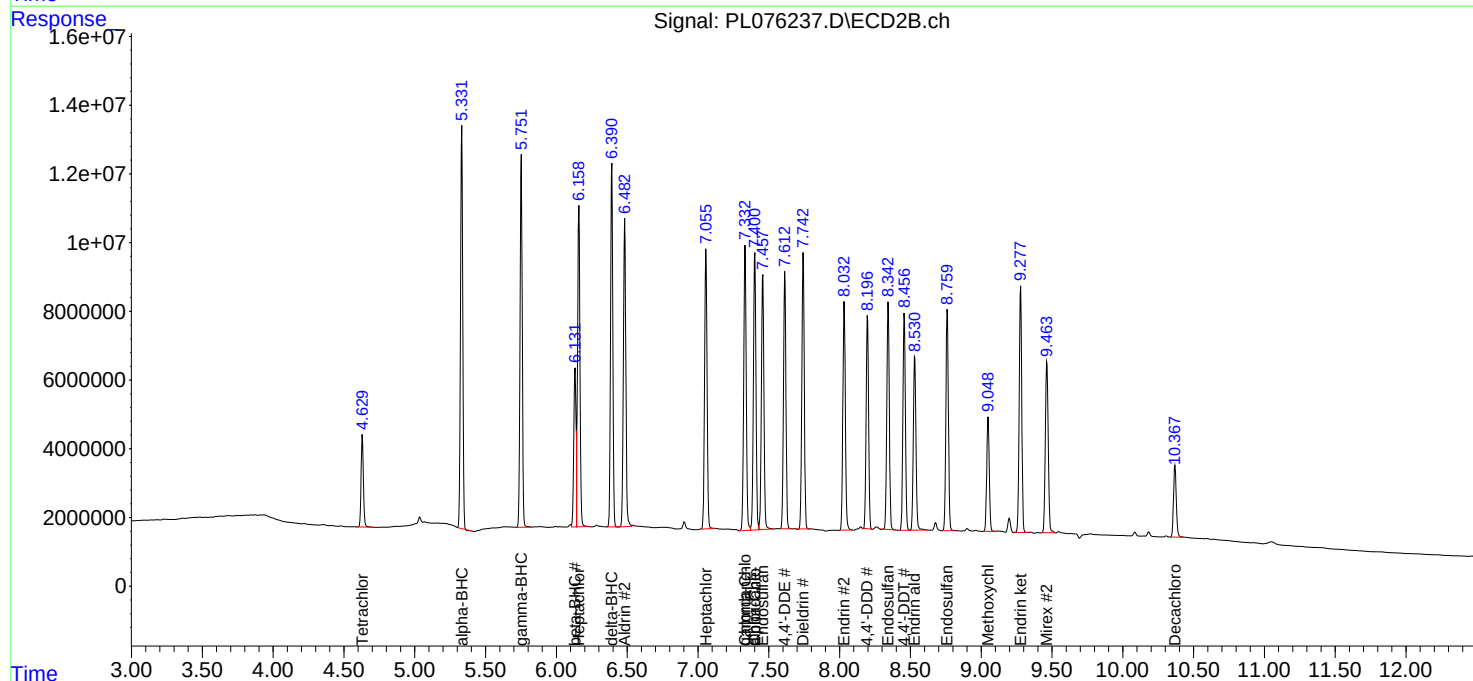
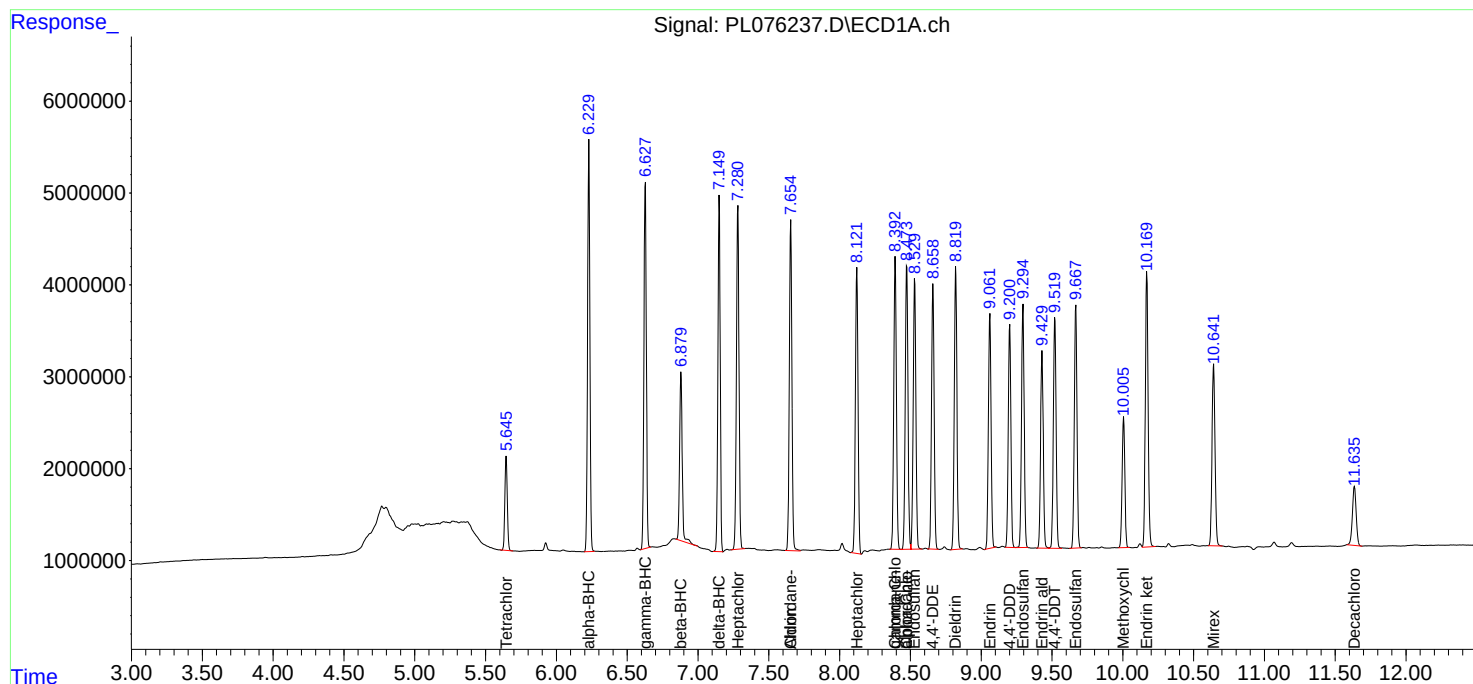
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

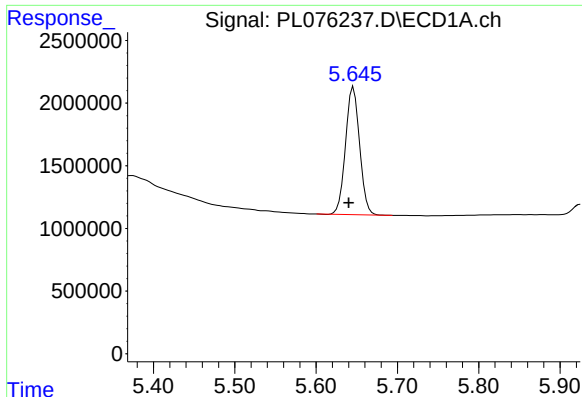
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070522\  
Data File : PL076237.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jul 2022 10:02  
Operator : AR\AJ  
Sample : PB145757BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 06 02:50:14 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

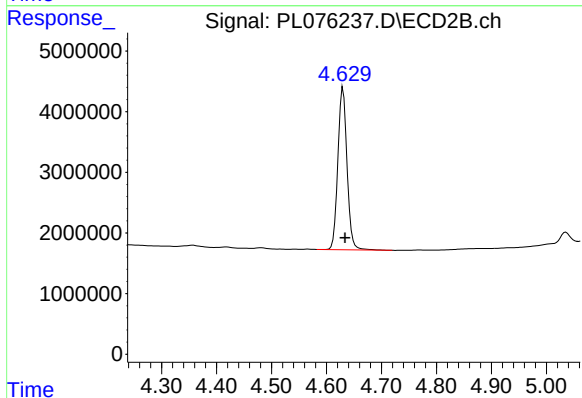




#1 Tetrachloro-m-xylene

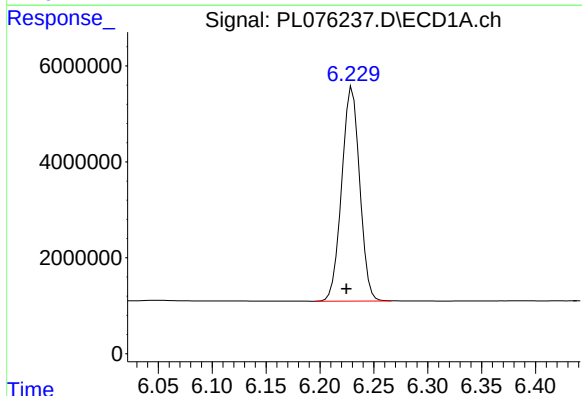
R.T.: 5.646 min  
Delta R.T.: 0.006 min  
Response: 12197382  
Conc: 16.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



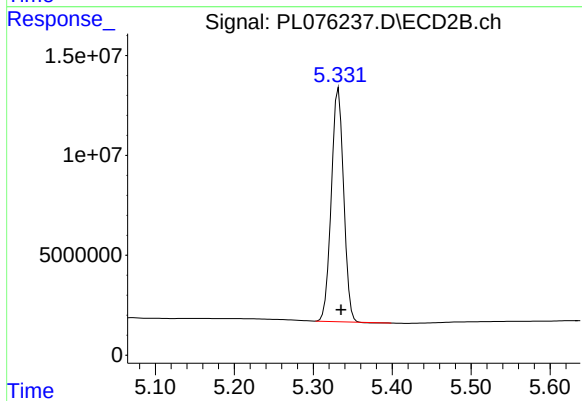
#1 Tetrachloro-m-xylene

R.T.: 4.630 min  
Delta R.T.: -0.004 min  
Response: 31058855  
Conc: 16.38 ng/ml



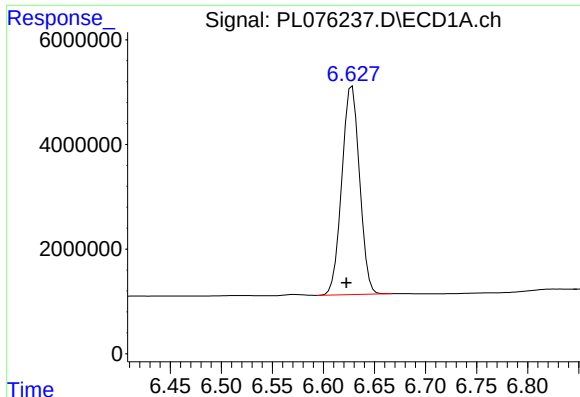
#2 alpha-BHC

R.T.: 6.230 min  
Delta R.T.: 0.005 min  
Response: 51871092  
Conc: 52.51 ng/ml



#2 alpha-BHC

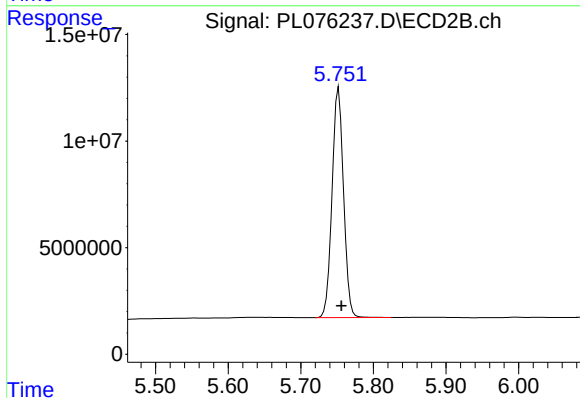
R.T.: 5.332 min  
Delta R.T.: -0.003 min  
Response: 126719447  
Conc: 51.84 ng/ml



#3 gamma-BHC (Lindane)

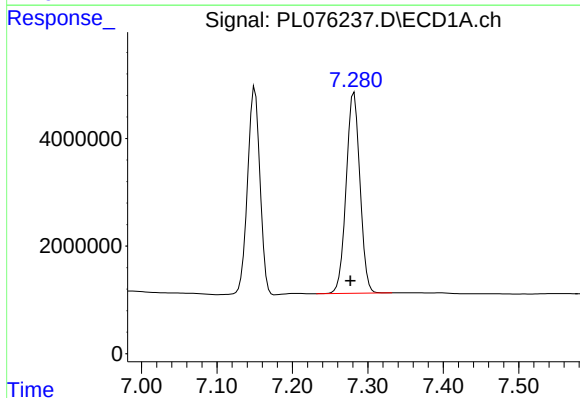
R.T.: 6.628 min  
Delta R.T.: 0.006 min  
Response: 48254574  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



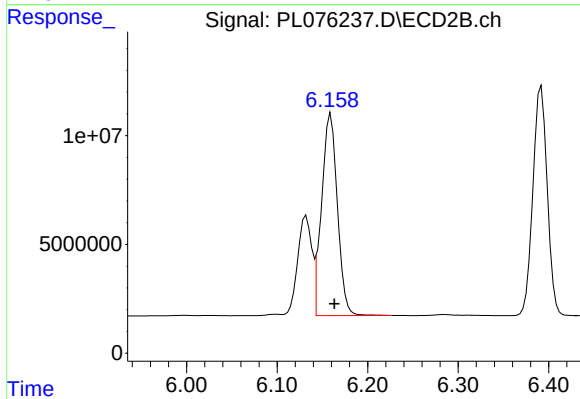
#3 gamma-BHC (Lindane)

R.T.: 5.752 min  
Delta R.T.: -0.004 min  
Response: 118922874  
Conc: 51.44 ng/ml



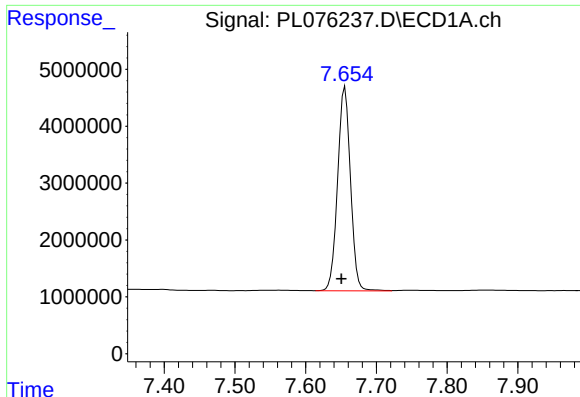
#4 Heptachlor

R.T.: 7.282 min  
Delta R.T.: 0.005 min  
Response: 47367038  
Conc: 51.64 ng/ml



#4 Heptachlor

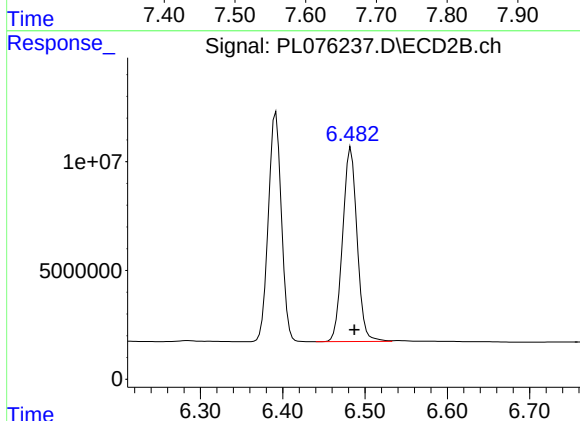
R.T.: 6.159 min  
Delta R.T.: -0.004 min  
Response: 112626144  
Conc: 49.64 ng/ml



#5 Aldrin

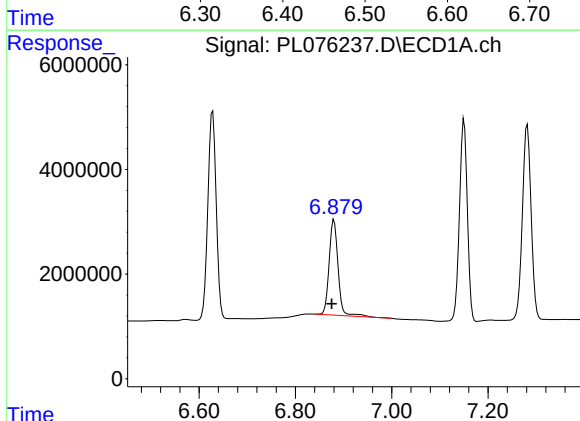
R.T.: 7.656 min  
Delta R.T.: 0.005 min  
Response: 45263890  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



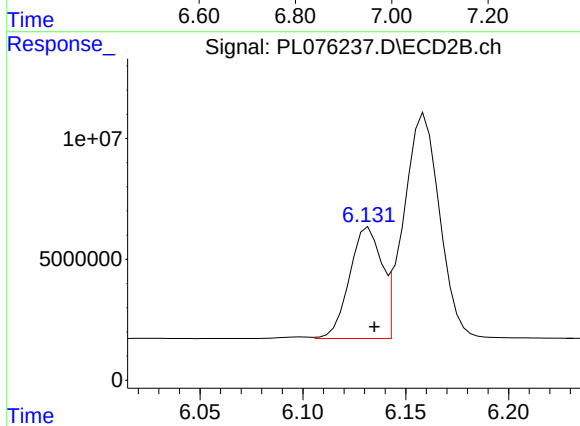
#5 Aldrin

R.T.: 6.483 min  
Delta R.T.: -0.004 min  
Response: 108881170  
Conc: 52.74 ng/ml



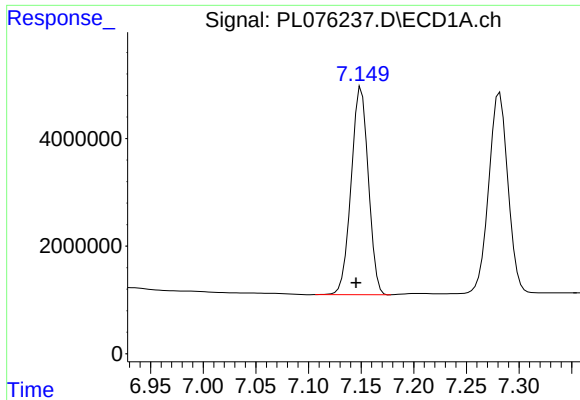
#6 beta-BHC

R.T.: 6.880 min  
Delta R.T.: 0.005 min  
Response: 23696369  
Conc: 54.11 ng/ml



#6 beta-BHC

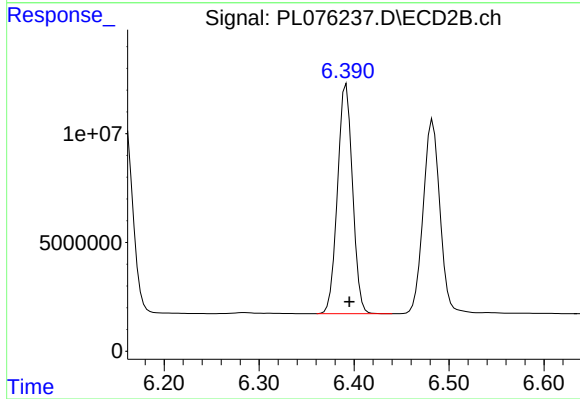
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 49750246  
Conc: 47.69 ng/ml



#7 delta-BHC

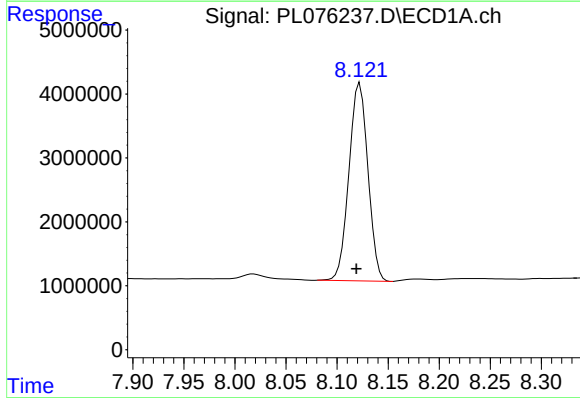
R.T.: 7.150 min  
Delta R.T.: 0.005 min  
Response: 43994275  
Conc: 56.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



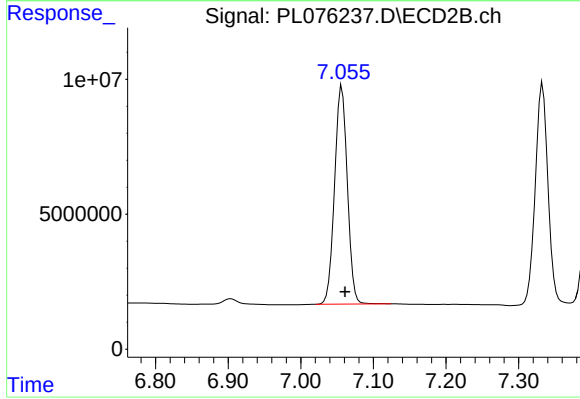
#7 delta-BHC

R.T.: 6.392 min  
Delta R.T.: -0.003 min  
Response: 116071970  
Conc: 51.38 ng/ml



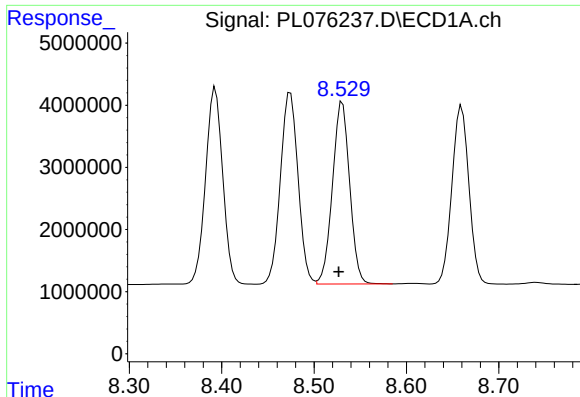
#8 Heptachlor epoxide

R.T.: 8.122 min  
Delta R.T.: 0.003 min  
Response: 40086618  
Conc: 50.35 ng/ml



#8 Heptachlor epoxide

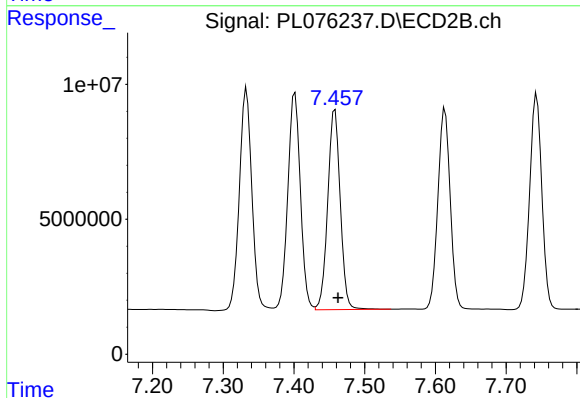
R.T.: 7.057 min  
Delta R.T.: -0.004 min  
Response: 98641353  
Conc: 51.42 ng/ml



#9 Endosulfan I

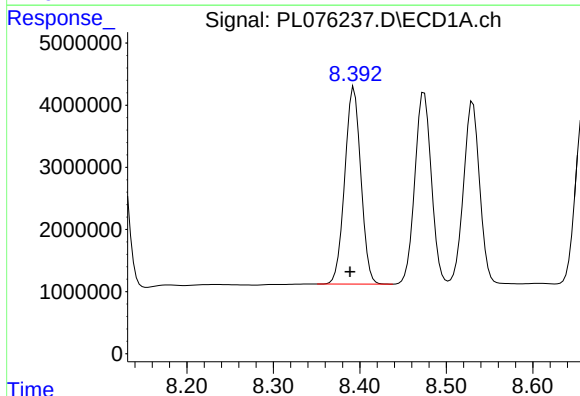
R.T.: 8.531 min  
Delta R.T.: 0.004 min  
Response: 37946462  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



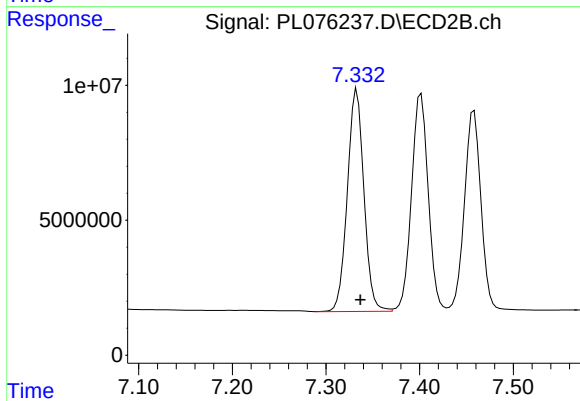
#9 Endosulfan I

R.T.: 7.458 min  
Delta R.T.: -0.004 min  
Response: 91372195  
Conc: 52.04 ng/ml



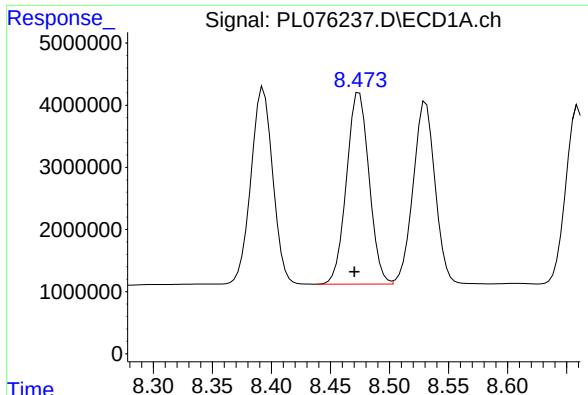
#10 gamma-Chlordane

R.T.: 8.393 min  
Delta R.T.: 0.004 min  
Response: 40645599  
Conc: 52.29 ng/ml



#10 gamma-Chlordane

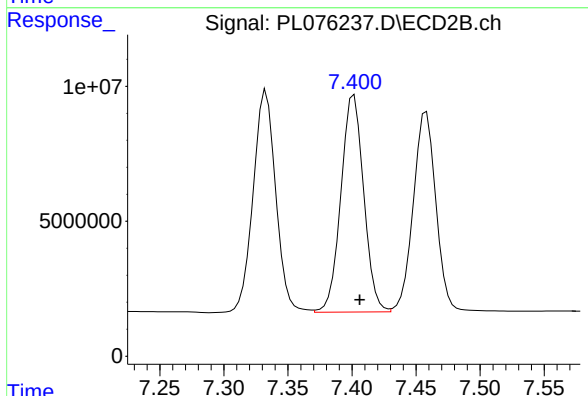
R.T.: 7.333 min  
Delta R.T.: -0.004 min  
Response: 101191938  
Conc: 52.64 ng/ml



#11 alpha-Chlordane

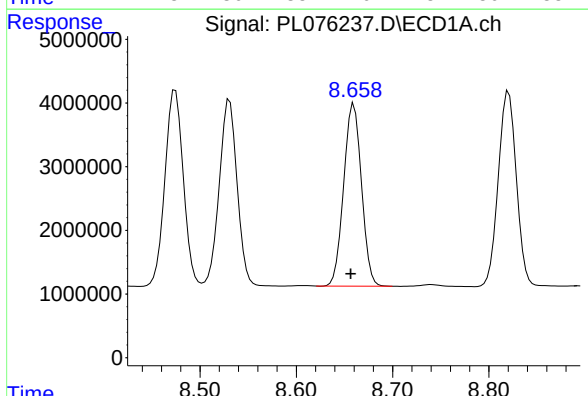
R.T.: 8.474 min  
Delta R.T.: 0.004 min  
Response: 41002063  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



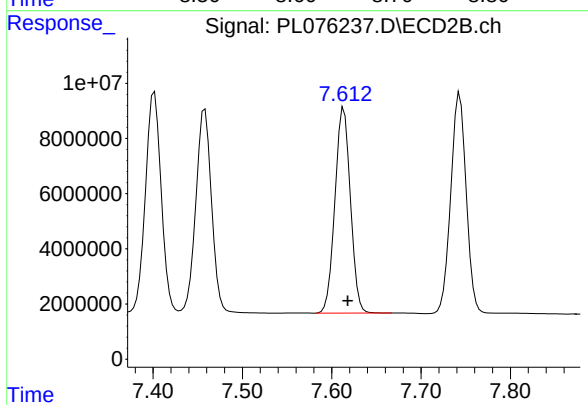
#11 alpha-Chlordane

R.T.: 7.402 min  
Delta R.T.: -0.005 min  
Response: 99572022  
Conc: 52.02 ng/ml



#12 4,4'-DDE

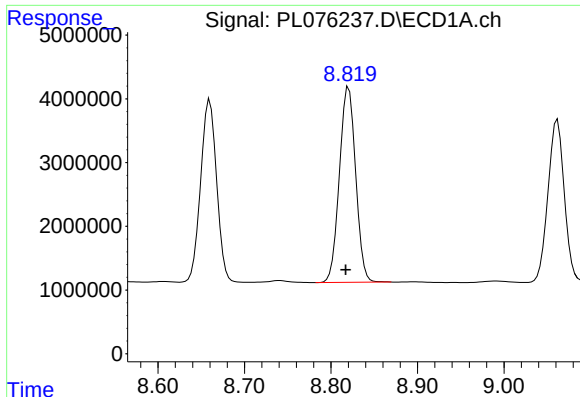
R.T.: 8.660 min  
Delta R.T.: 0.003 min  
Response: 36652504  
Conc: 54.23 ng/ml



#12 4,4'-DDE

R.T.: 7.614 min  
Delta R.T.: -0.004 min  
Response: 89579841  
Conc: 52.78 ng/ml

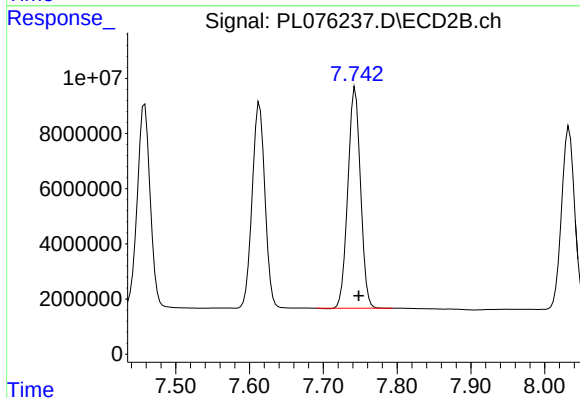




#13 Dieldrin

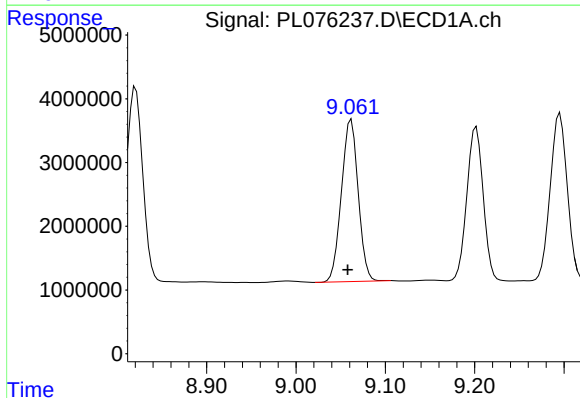
R.T.: 8.821 min  
Delta R.T.: 0.003 min  
Response: 39857832  
Conc: 54.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



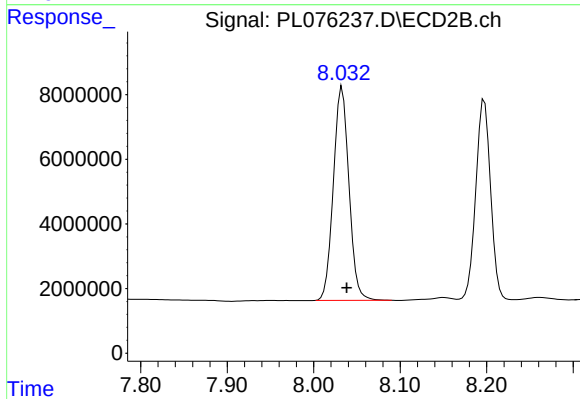
#13 Dieldrin

R.T.: 7.743 min  
Delta R.T.: -0.005 min  
Response: 95425097  
Conc: 53.03 ng/ml



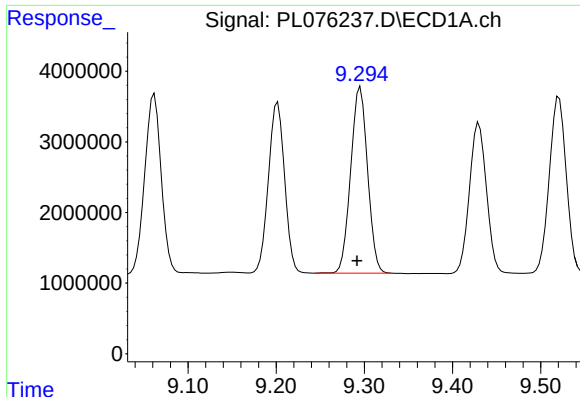
#14 Endrin

R.T.: 9.062 min  
Delta R.T.: 0.004 min  
Response: 33187848  
Conc: 53.23 ng/ml



#14 Endrin

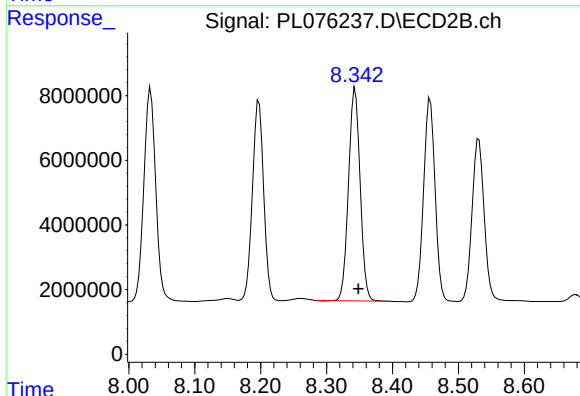
R.T.: 8.033 min  
Delta R.T.: -0.005 min  
Response: 82501557  
Conc: 54.29 ng/ml



#15 Endosulfan II

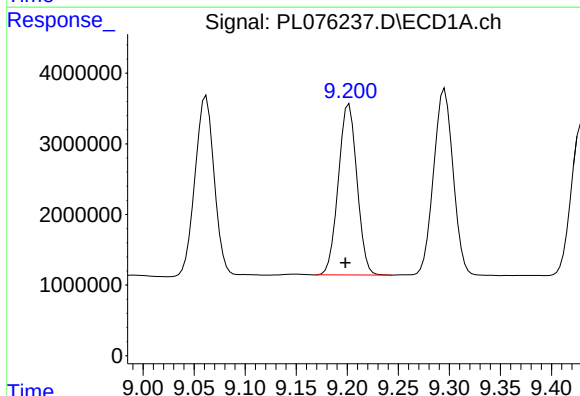
R.T.: 9.296 min  
Delta R.T.: 0.004 min  
Response: 35058272  
Conc: 55.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



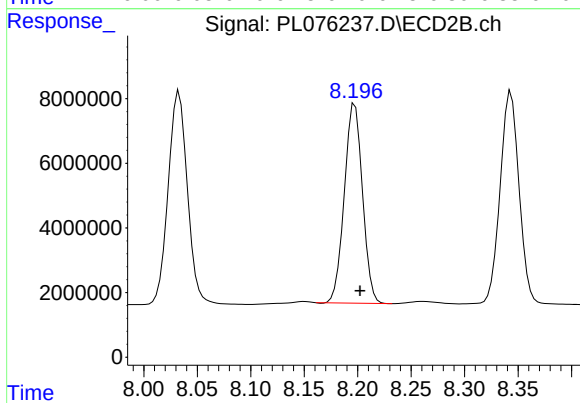
#15 Endosulfan II

R.T.: 8.343 min  
Delta R.T.: -0.005 min  
Response: 80778680  
Conc: 53.44 ng/ml



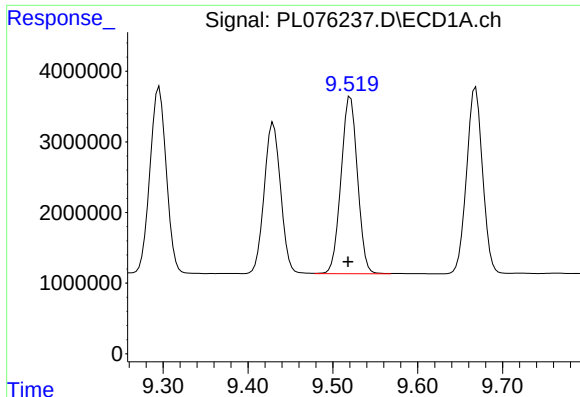
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: 0.004 min  
Response: 30793767  
Conc: 54.31 ng/ml



#16 4,4'-DDD

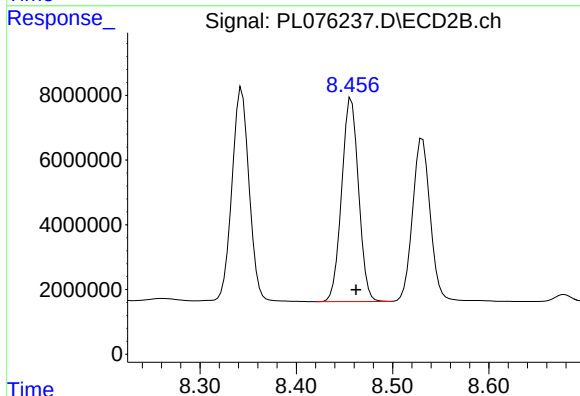
R.T.: 8.197 min  
Delta R.T.: -0.005 min  
Response: 72982934  
Conc: 52.62 ng/ml



#17 4,4'-DDT

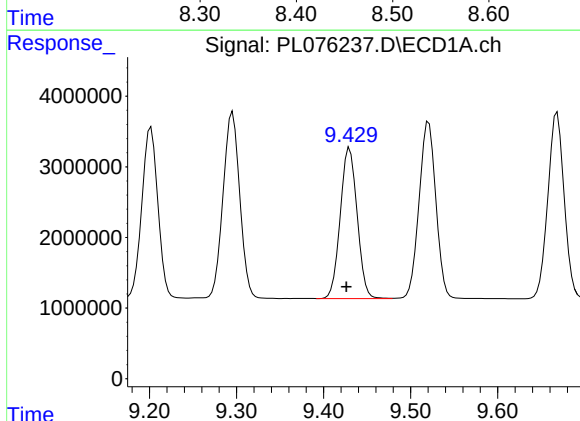
R.T.: 9.521 min  
Delta R.T.: 0.003 min  
Response: 33775417  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



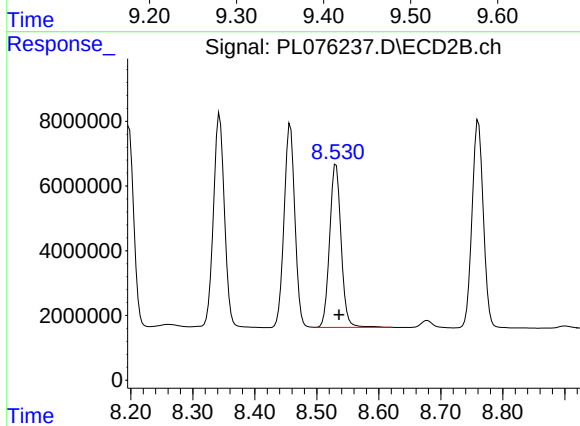
#17 4,4'-DDT

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 76439833  
Conc: 51.68 ng/ml



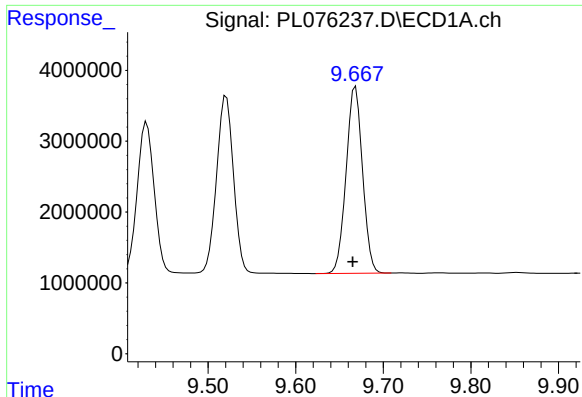
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: 0.004 min  
Response: 28776995  
Conc: 55.71 ng/ml



#18 Endrin aldehyde

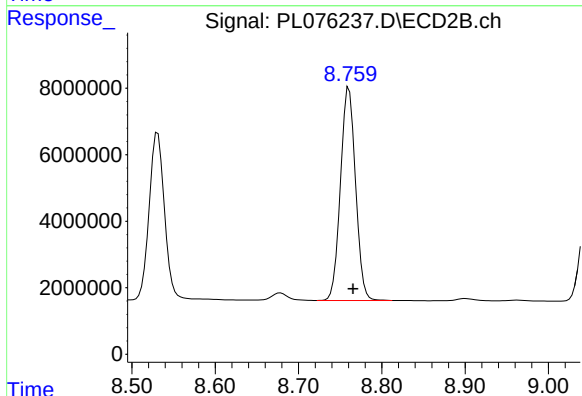
R.T.: 8.531 min  
Delta R.T.: -0.005 min  
Response: 64857270  
Conc: 54.33 ng/ml



#19 Endosulfan Sulfate

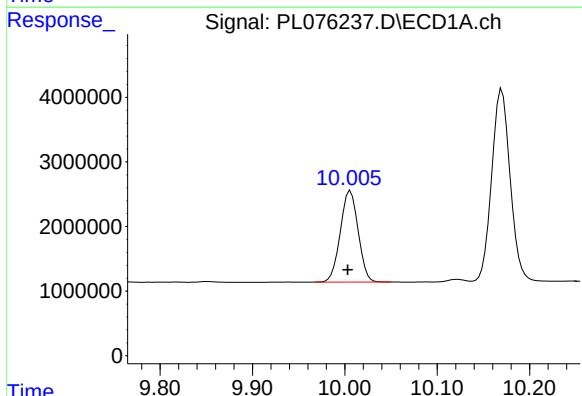
R.T.: 9.668 min  
Delta R.T.: 0.003 min  
Response: 34318395  
Conc: 53.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



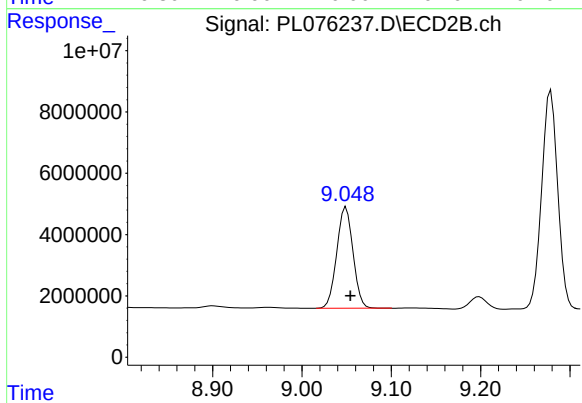
#19 Endosulfan Sulfate

R.T.: 8.761 min  
Delta R.T.: -0.005 min  
Response: 80604528  
Conc: 52.54 ng/ml



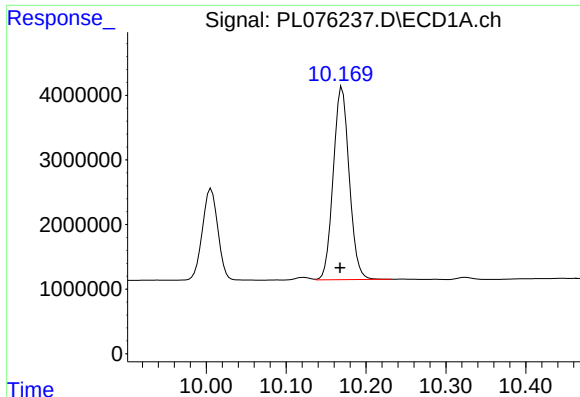
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: 0.003 min  
Response: 18986704  
Conc: 55.35 ng/ml



#20 Methoxychlor

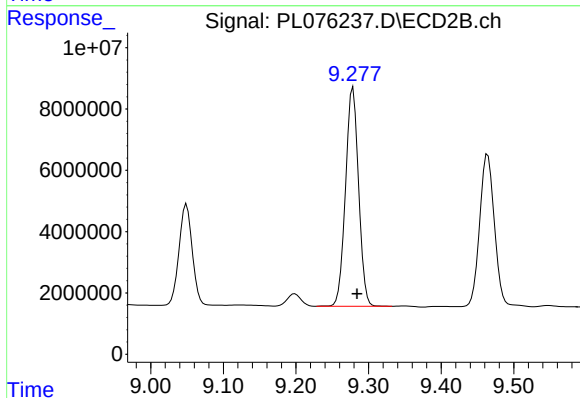
R.T.: 9.049 min  
Delta R.T.: -0.005 min  
Response: 41696842  
Conc: 48.96 ng/ml



#21 Endrin ketone

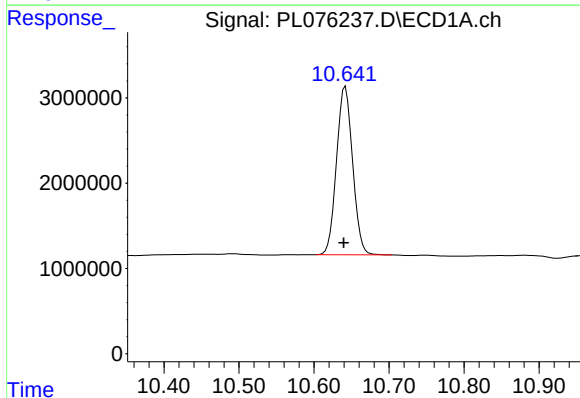
R.T.: 10.170 min  
Delta R.T.: 0.003 min  
Response: 41400128  
Conc: 57.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



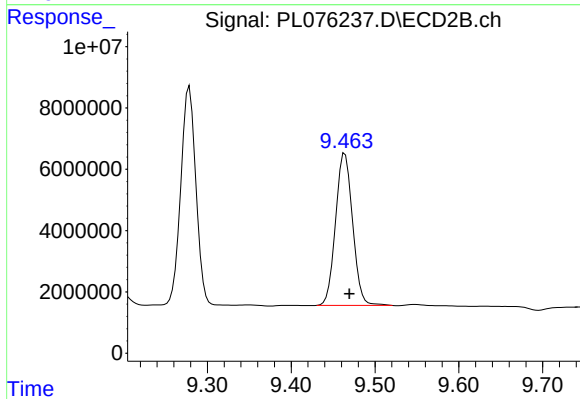
#21 Endrin ketone

R.T.: 9.279 min  
Delta R.T.: -0.005 min  
Response: 89405138  
Conc: 54.12 ng/ml



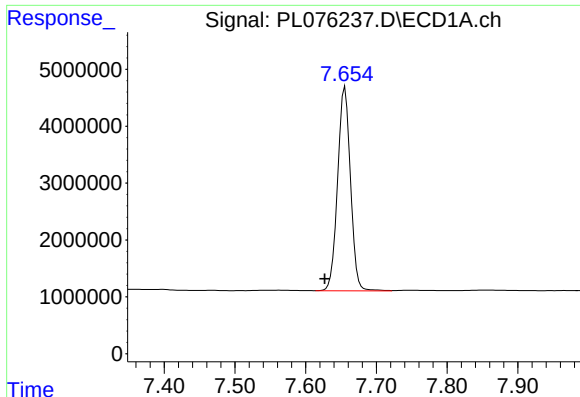
#22 Mirex

R.T.: 10.642 min  
Delta R.T.: 0.002 min  
Response: 29468755  
Conc: 54.79 ng/ml



#22 Mirex

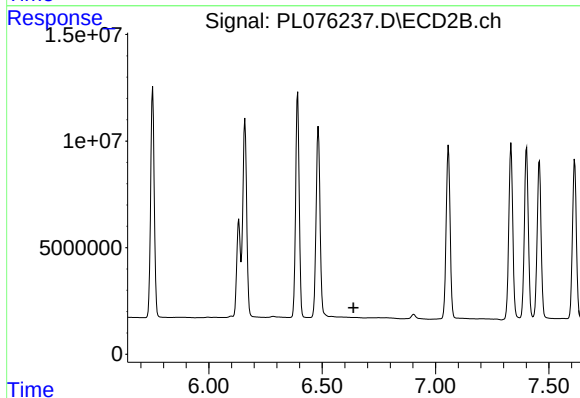
R.T.: 9.464 min  
Delta R.T.: -0.005 min  
Response: 70180378  
Conc: 52.44 ng/ml



#24 Chlordane-2

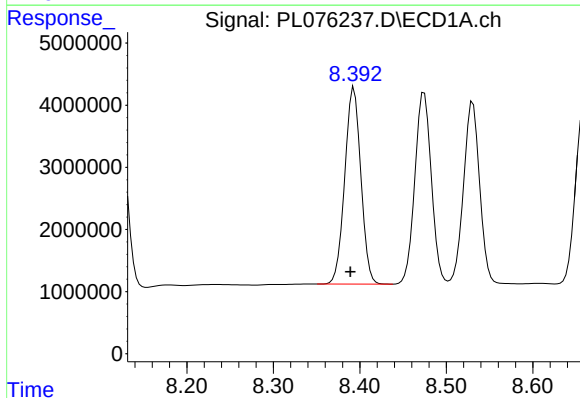
R.T.: 7.656 min  
Delta R.T.: 0.029 min  
Response: 45263890  
Conc: 1492.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



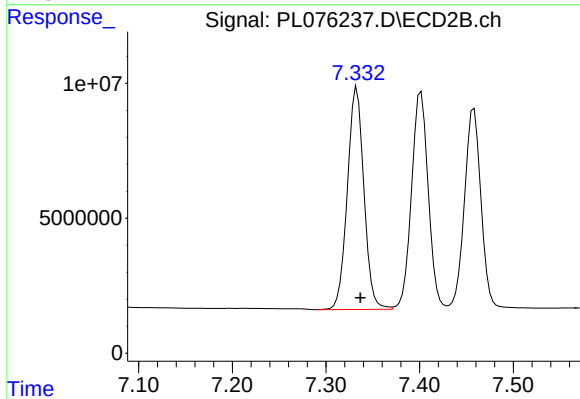
#24 Chlordane-2

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



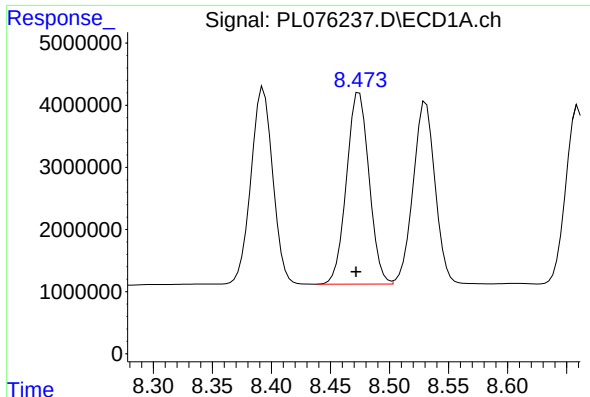
#25 Chlordane-3

R.T.: 8.393 min  
Delta R.T.: 0.004 min  
Response: 40645599  
Conc: 399.70 ng/ml



#25 Chlordane-3

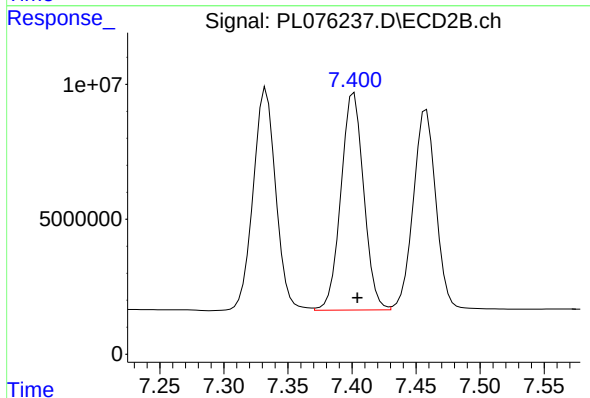
R.T.: 7.333 min  
Delta R.T.: -0.004 min  
Response: 101191938  
Conc: 573.77 ng/ml



#26 Chlordane-4

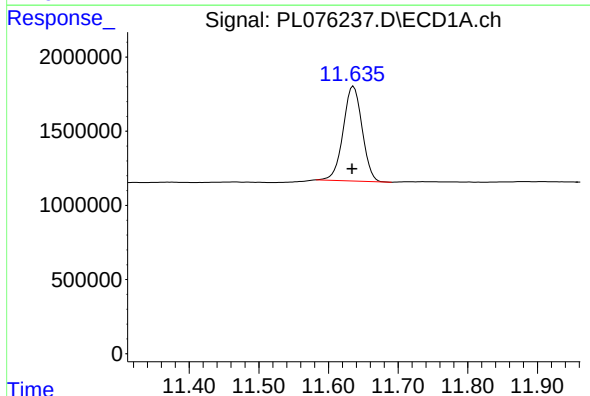
R.T.: 8.474 min  
Delta R.T.: 0.003 min  
Response: 41002063  
Conc: 329.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



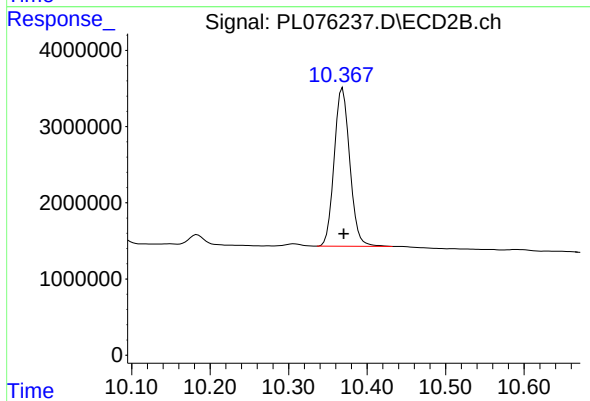
#26 Chlordane-4

R.T.: 7.402 min  
Delta R.T.: -0.003 min  
Response: 99572022  
Conc: 528.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min  
Delta R.T.: 0.002 min  
Response: 12085175  
Conc: 19.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.369 min  
Delta R.T.: -0.001 min  
Response: 28699477  
Conc: 18.69 ng/ml