

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063022\  
 Data File : PL076121.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2022 09:48  
 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 01 00:05:24 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... | 5.649  | 4.633  | 39181347 | 89827412 | 51.805  | 47.362    |
| 2)                          | SA Decachlor... | 11.639 | 10.374 | 31518999 | 69744811 | 50.089  | 45.410    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 6.232  | 5.334  | 52411245 | 116.9E6  | 53.060  | 47.815    |
| 3)                          | MA gamma-BHC... | 6.630  | 5.755  | 48919905 | 109.8E6  | 52.843  | 47.477    |
| 4)                          | MA Heptachlor   | 7.285  | 6.162  | 48629375 | 106.6E6  | 53.012  | 47.007    |
| 5)                          | MB Aldrin       | 7.657  | 6.486  | 43947687 | 98502039 | 52.944  | 47.711    |
| 6)                          | B beta-BHC      | 6.883  | 6.134  | 23853836 | 47161515 | 54.465  | 45.212    |
| 7)                          | B delta-BHC     | 7.153  | 6.394  | 44989323 | 107.4E6  | 57.619  | 47.538    |
| 8)                          | B Heptachlo...  | 8.125  | 7.060  | 37881315 | 89640460 | 47.577  | 46.726    |
| 9)                          | A Endosulfan I  | 8.533  | 7.462  | 37741173 | 82873155 | 52.209  | 47.199    |
| 10)                         | B gamma-Chl...  | 8.395  | 7.336  | 40698039 | 91570099 | 52.360  | 47.636    |
| 11)                         | B alpha-Chl...  | 8.477  | 7.405  | 41067242 | 90136834 | 52.882  | 47.094    |
| 12)                         | B 4,4'-DDE      | 8.662  | 7.618  | 35862637 | 80131604 | 53.059  | 47.210    |
| 13)                         | MA Dieldrin     | 8.823  | 7.747  | 38802243 | 83405179 | 52.854  | 46.350    |
| 14)                         | MA Endrin       | 9.064  | 8.037  | 31331131 | 72605524 | 50.250  | 47.777    |
| 15)                         | B Endosulfa...  | 9.297  | 8.347  | 32674537 | 69431827 | 51.499  | 45.936    |
| 16)                         | A 4,4'-DDD      | 9.205  | 8.201  | 29923026 | 66698724 | 52.772  | 48.088    |
| 17)                         | MA 4,4'-DDT     | 9.523  | 8.461  | 32572965 | 68182791 | 53.358  | 46.100    |
| 18)                         | B Endrin al...  | 9.433  | 8.535  | 26277197 | 54752719 | 50.873  | 45.864    |
| 19)                         | B Endosulfa...  | 9.671  | 8.765  | 32613302 | 70874006 | 50.872  | 46.195    |
| 20)                         | A Methoxychlor  | 10.007 | 9.054  | 17787713 | 37740861 | 51.858  | 44.319    |
| 21)                         | B Endrin ke...  | 10.172 | 9.283  | 39561964 | 80483934 | 54.888  | 48.716    |
| 22)                         | Mirex           | 10.645 | 9.469  | 27713003 | 62510600 | 51.525  | 46.713    |
| 24)                         | Chlordane-2     | 0.000  | 6.660f | 0        | 3544447  | N.D.    | 50.973 #  |
| 25)                         | Chlordane-3     | 8.395  | 7.336  | 40698039 | 91570099 | 400.216 | 519.213 # |
| 26)                         | Chlordane-4     | 8.477  | 7.405  | 41067242 | 90136834 | 329.859 | 478.131 # |
| 27)                         | Chlordane-5     | 0.000  | 8.138f | 0        | 1438251  | N.D.    | 31.435 #  |
| -----                       |                 |        |        |          |          |         |           |

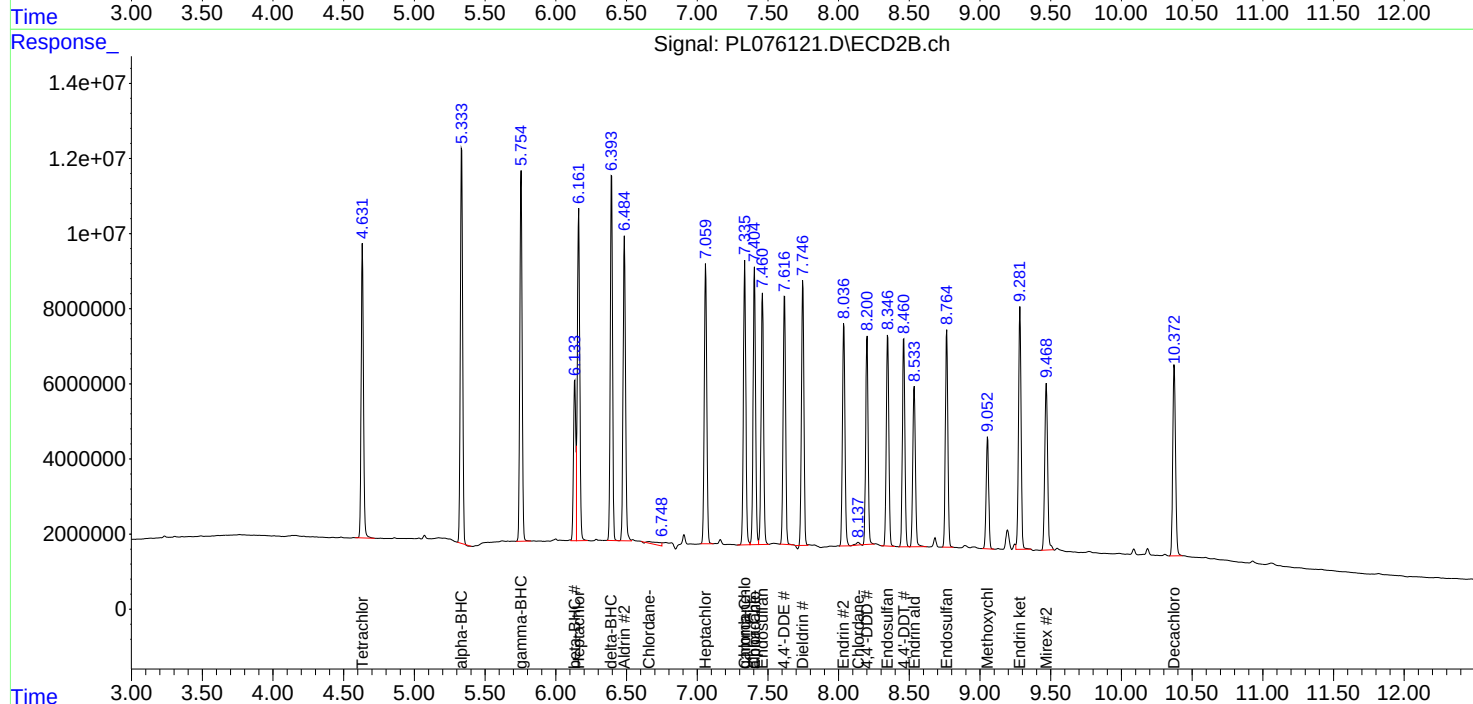
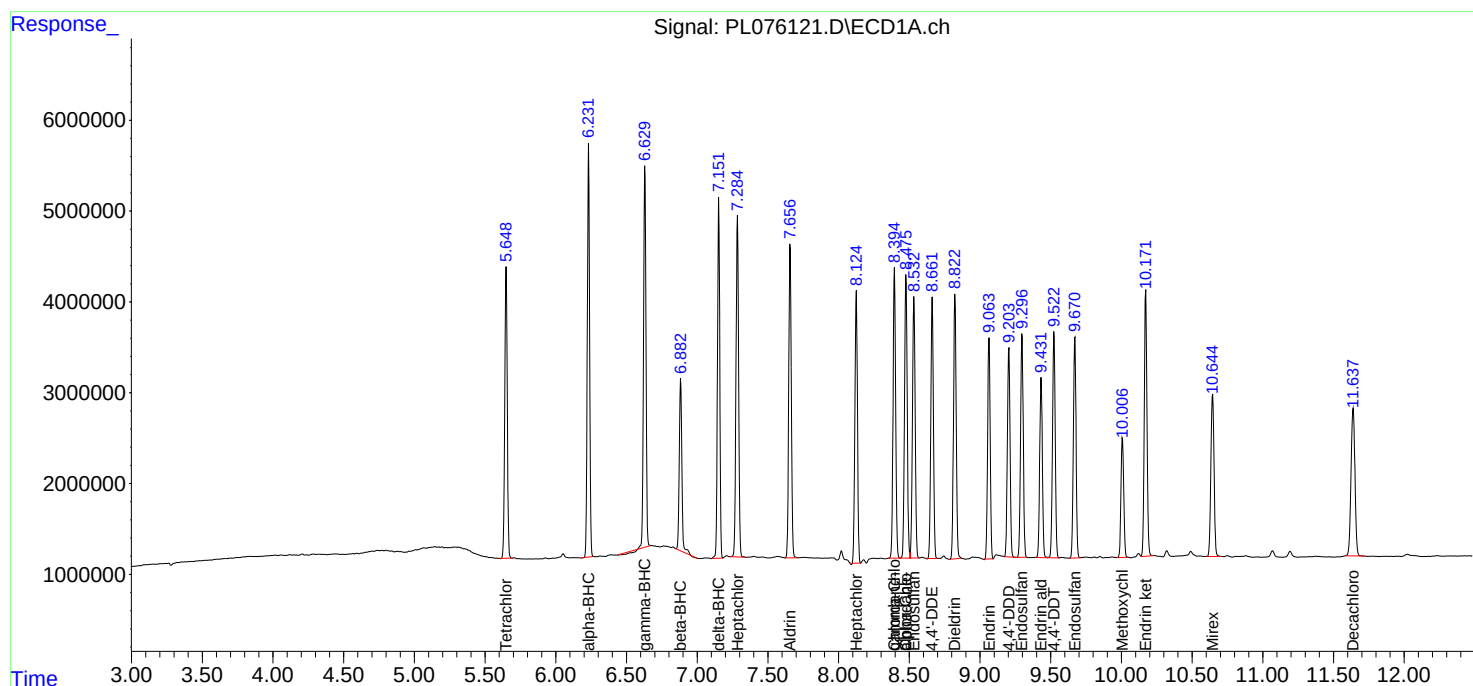
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

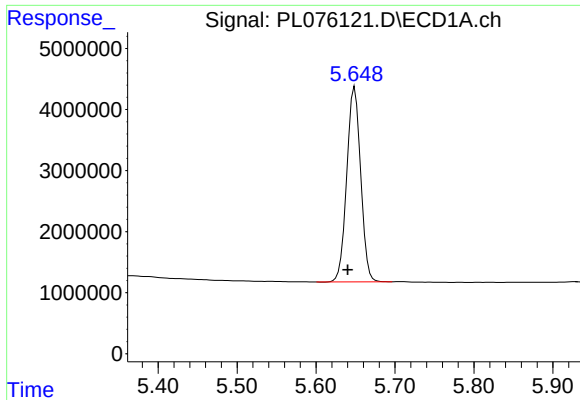
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063022\  
Data File : PL076121.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2022 09:48  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 00:05:24 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

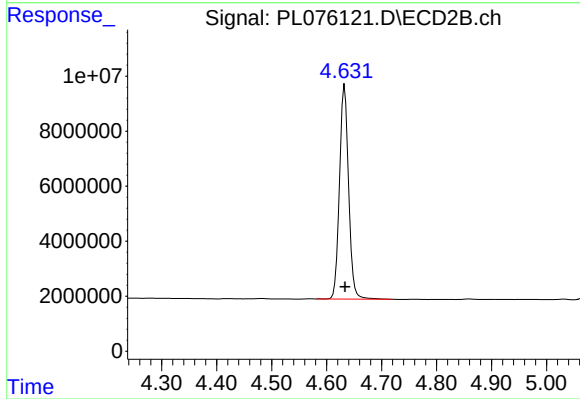




#1 Tetrachloro-m-xylene

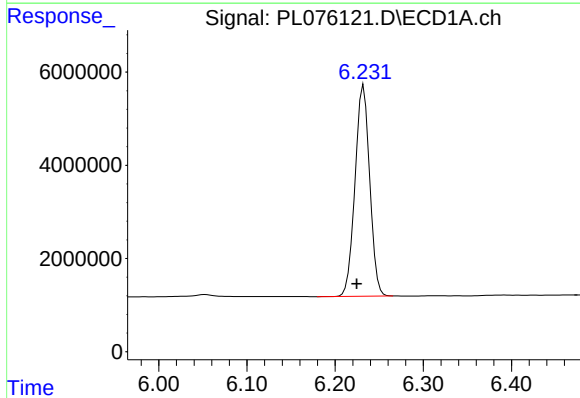
R.T.: 5.649 min  
Delta R.T.: 0.009 min  
Response: 39181347  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



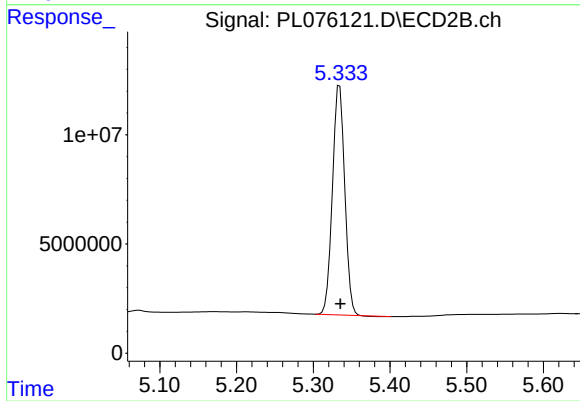
#1 Tetrachloro-m-xylene

R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 89827412  
Conc: 47.36 ng/ml



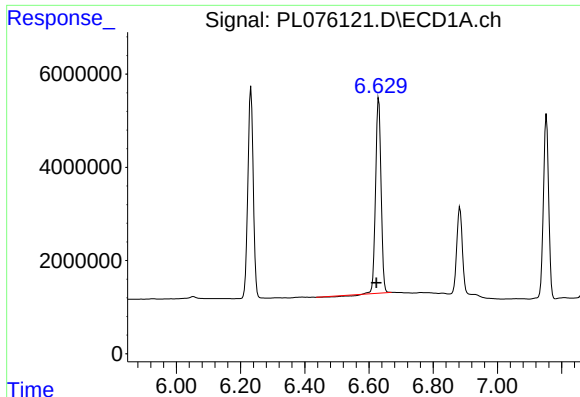
#2 alpha-BHC

R.T.: 6.232 min  
Delta R.T.: 0.008 min  
Response: 52411245  
Conc: 53.06 ng/ml



#2 alpha-BHC

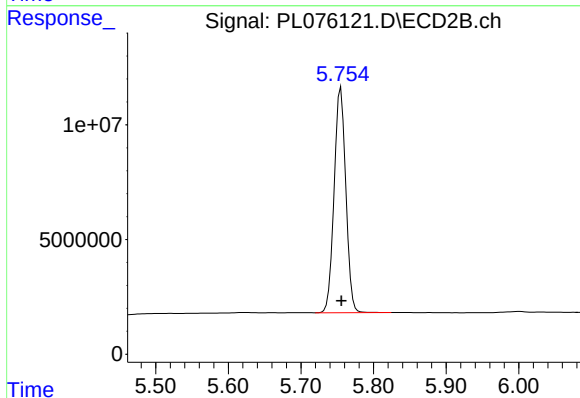
R.T.: 5.334 min  
Delta R.T.: -0.001 min  
Response: 116870614  
Conc: 47.81 ng/ml



#3 gamma-BHC (Lindane)

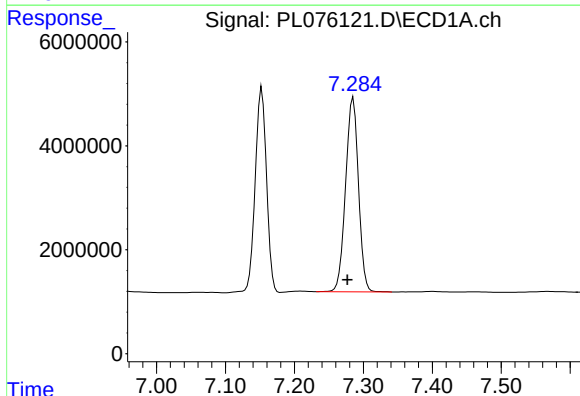
R.T.: 6.630 min  
Delta R.T.: 0.008 min  
Response: 48919905  
Conc: 52.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



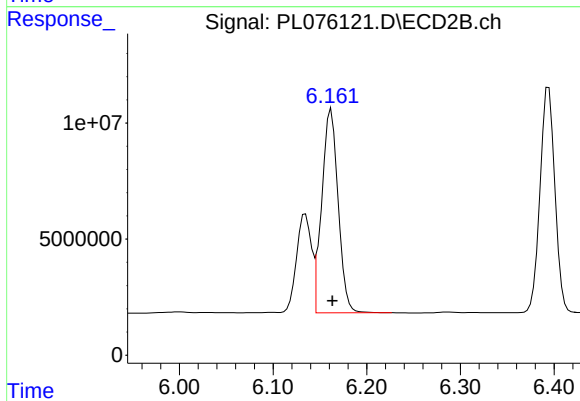
#3 gamma-BHC (Lindane)

R.T.: 5.755 min  
Delta R.T.: 0.000 min  
Response: 109758839  
Conc: 47.48 ng/ml



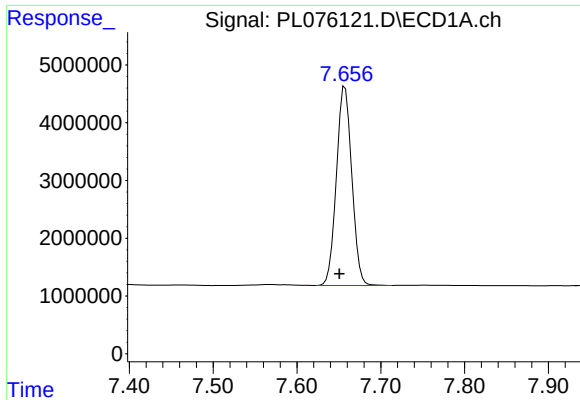
#4 Heptachlor

R.T.: 7.285 min  
Delta R.T.: 0.008 min  
Response: 48629375  
Conc: 53.01 ng/ml



#4 Heptachlor

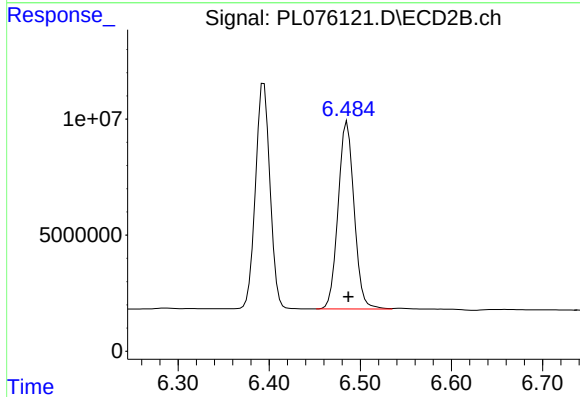
R.T.: 6.162 min  
Delta R.T.: -0.001 min  
Response: 106646010  
Conc: 47.01 ng/ml



#5 Aldrin

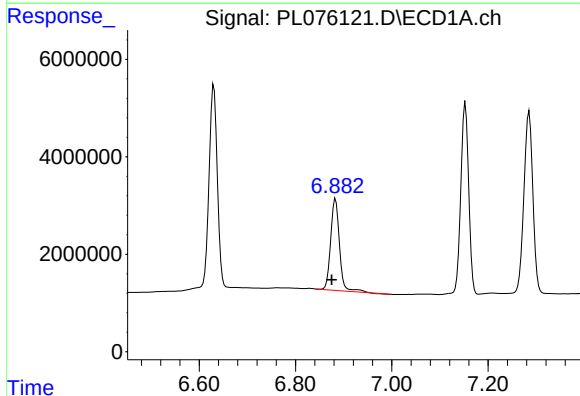
R.T.: 7.657 min  
Delta R.T.: 0.007 min  
Response: 43947687  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



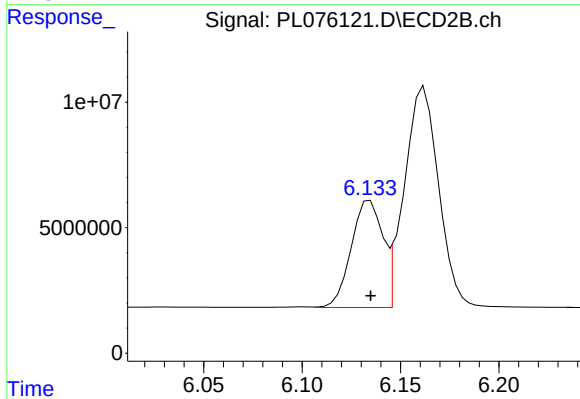
#5 Aldrin

R.T.: 6.486 min  
Delta R.T.: -0.001 min  
Response: 98502039  
Conc: 47.71 ng/ml



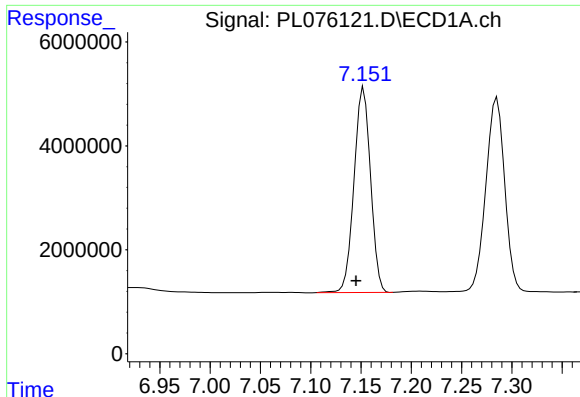
#6 beta-BHC

R.T.: 6.883 min  
Delta R.T.: 0.008 min  
Response: 23853836  
Conc: 54.46 ng/ml



#6 beta-BHC

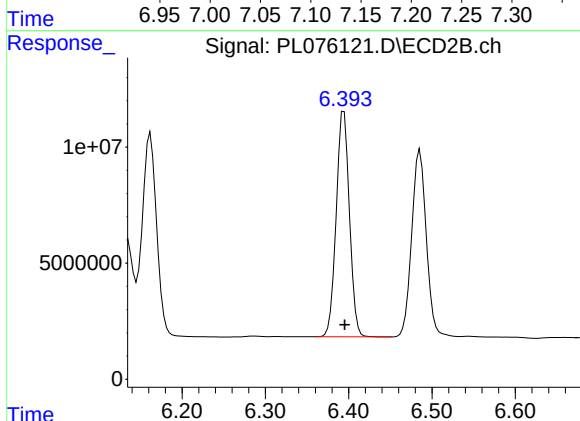
R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 47161515  
Conc: 45.21 ng/ml



#7 delta-BHC

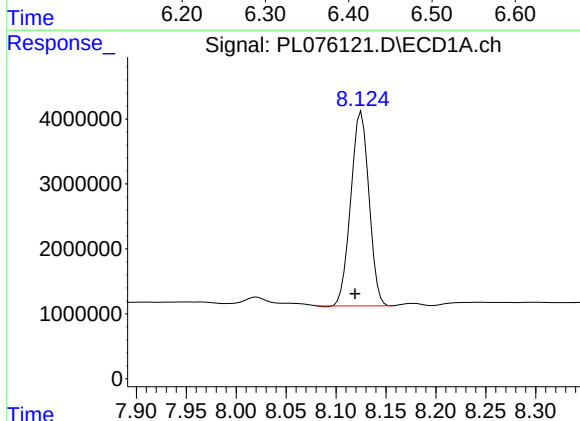
R.T.: 7.153 min  
Delta R.T.: 0.008 min  
Response: 44989323  
Conc: 57.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



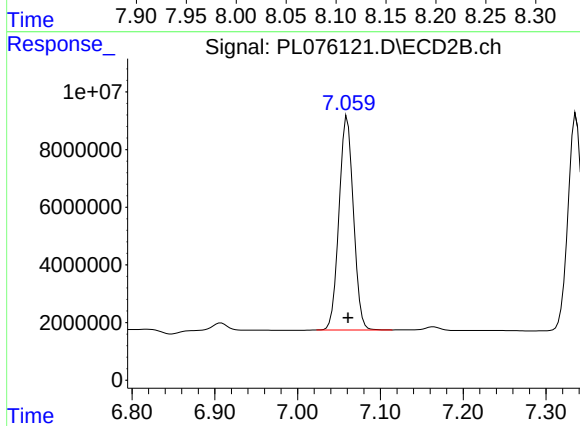
#7 delta-BHC

R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 107382360  
Conc: 47.54 ng/ml



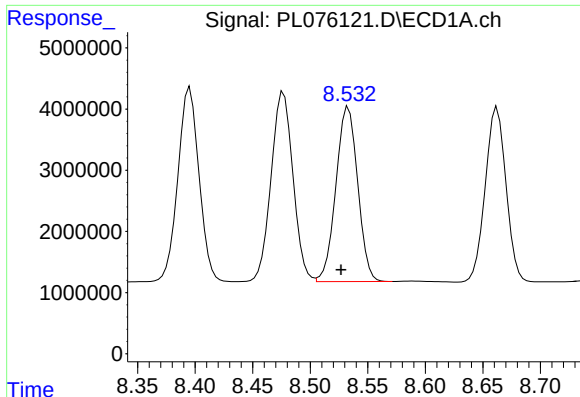
#8 Heptachlor epoxide

R.T.: 8.125 min  
Delta R.T.: 0.006 min  
Response: 37881315  
Conc: 47.58 ng/ml



#8 Heptachlor epoxide

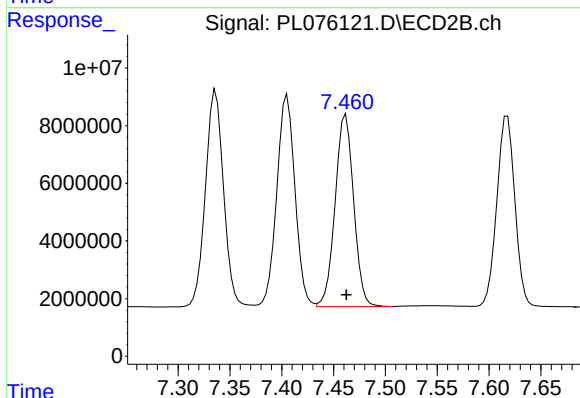
R.T.: 7.060 min  
Delta R.T.: -0.001 min  
Response: 89640460  
Conc: 46.73 ng/ml



#9 Endosulfan I

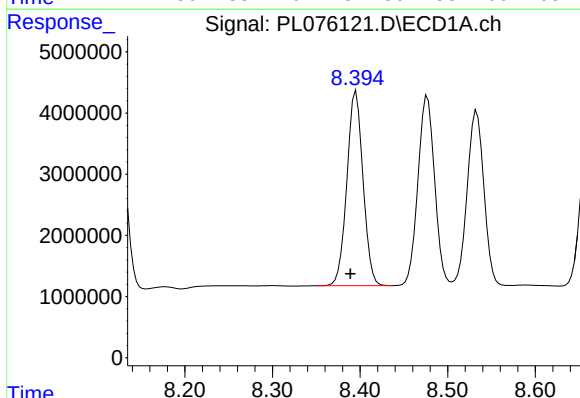
R.T.: 8.533 min  
Delta R.T.: 0.007 min  
Response: 37741173  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



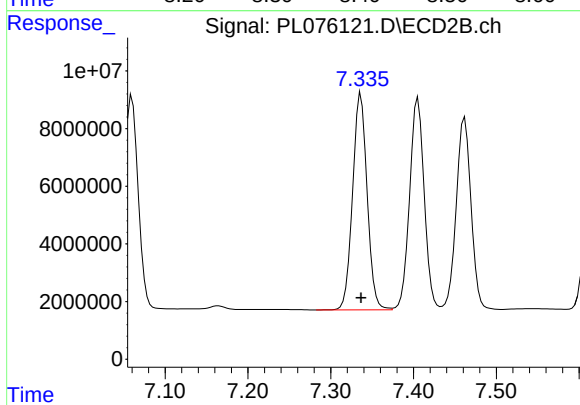
#9 Endosulfan I

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 82873155  
Conc: 47.20 ng/ml



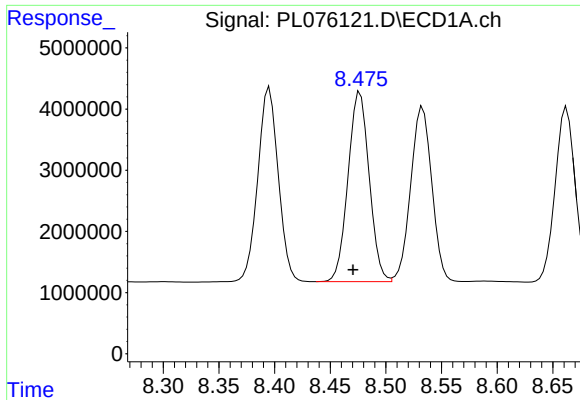
#10 gamma-Chlordane

R.T.: 8.395 min  
Delta R.T.: 0.006 min  
Response: 40698039  
Conc: 52.36 ng/ml



#10 gamma-Chlordane

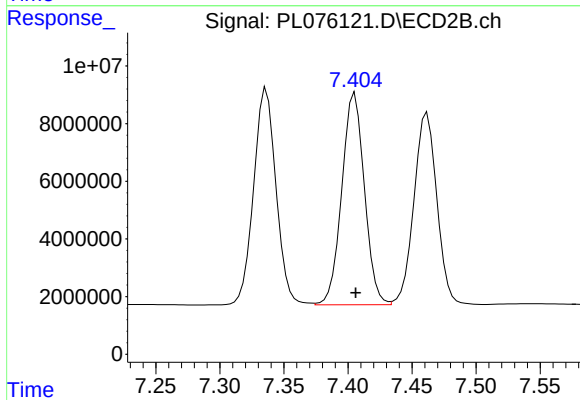
R.T.: 7.336 min  
Delta R.T.: 0.000 min  
Response: 91570099  
Conc: 47.64 ng/ml



#11 alpha-Chlordane

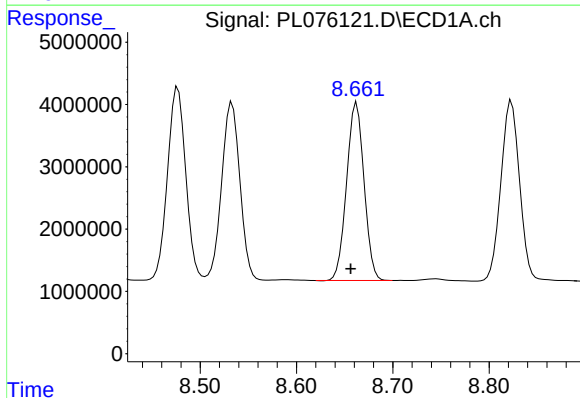
R.T.: 8.477 min  
Delta R.T.: 0.006 min  
Response: 41067242  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



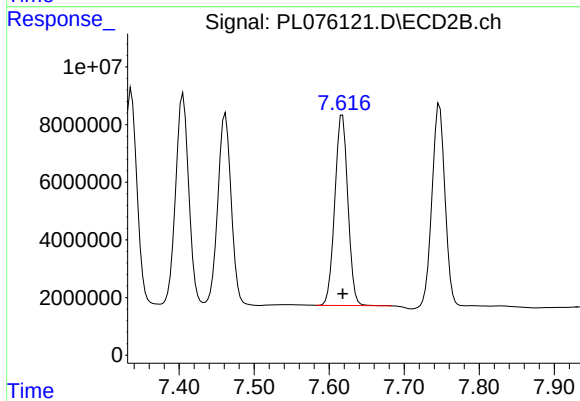
#11 alpha-Chlordane

R.T.: 7.405 min  
Delta R.T.: 0.000 min  
Response: 90136834  
Conc: 47.09 ng/ml



#12 4,4'-DDE

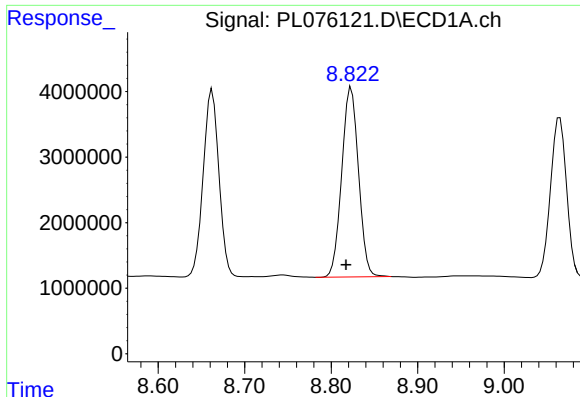
R.T.: 8.662 min  
Delta R.T.: 0.006 min  
Response: 35862637  
Conc: 53.06 ng/ml



#12 4,4'-DDE

R.T.: 7.618 min  
Delta R.T.: 0.000 min  
Response: 80131604  
Conc: 47.21 ng/ml

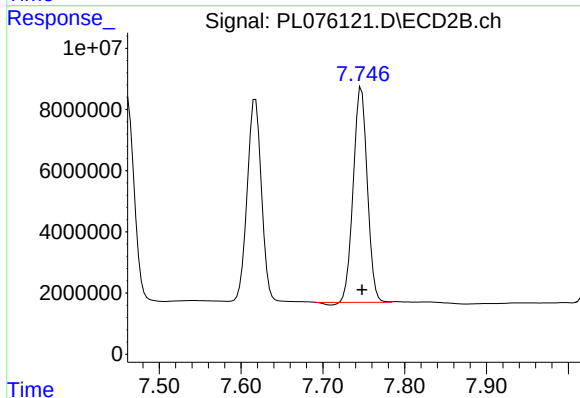




#13 Dieldrin

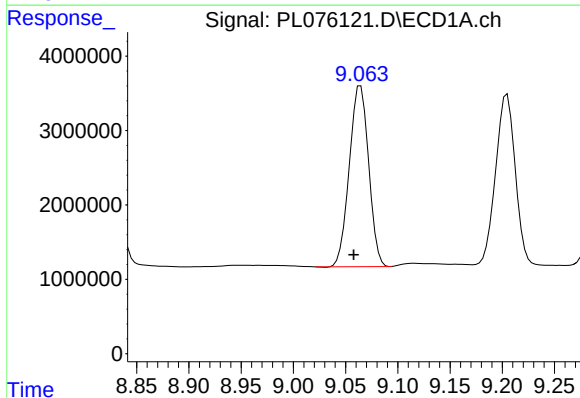
R.T.: 8.823 min  
Delta R.T.: 0.006 min  
Response: 38802243  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



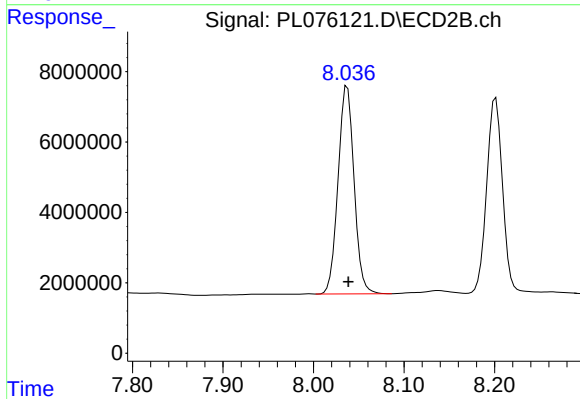
#13 Dieldrin

R.T.: 7.747 min  
Delta R.T.: 0.000 min  
Response: 83405179  
Conc: 46.35 ng/ml



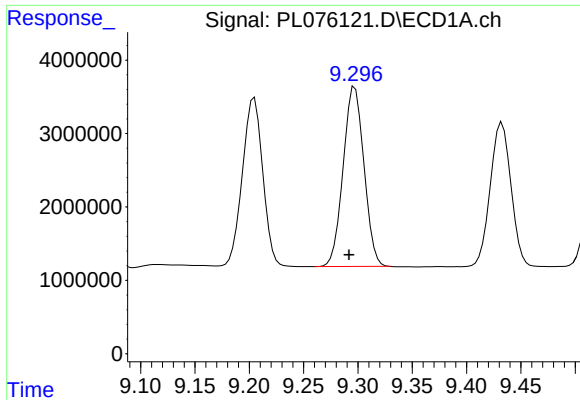
#14 Endrin

R.T.: 9.064 min  
Delta R.T.: 0.006 min  
Response: 31331131  
Conc: 50.25 ng/ml



#14 Endrin

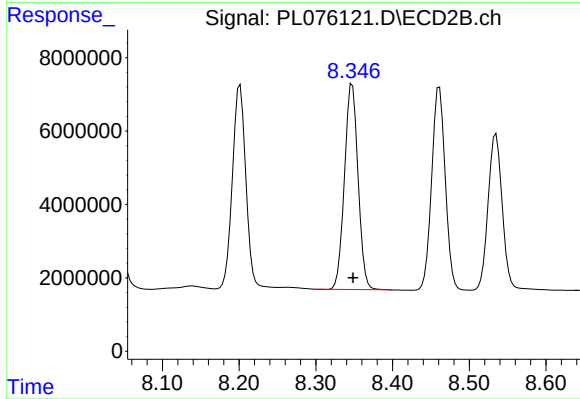
R.T.: 8.037 min  
Delta R.T.: -0.001 min  
Response: 72605524  
Conc: 47.78 ng/ml



#15 Endosulfan II

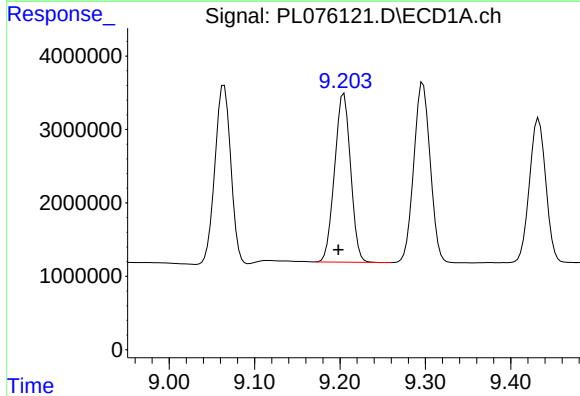
R.T.: 9.297 min  
Delta R.T.: 0.006 min  
Response: 32674537  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



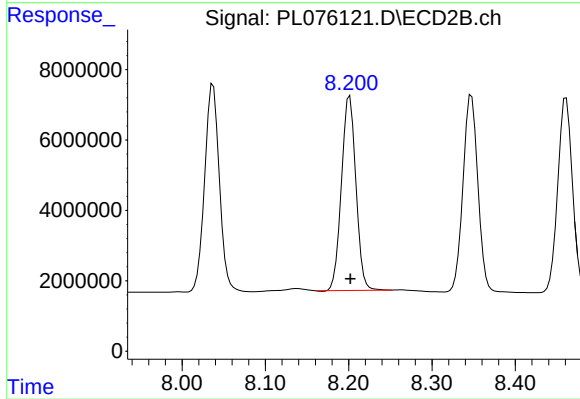
#15 Endosulfan II

R.T.: 8.347 min  
Delta R.T.: -0.001 min  
Response: 69431827  
Conc: 45.94 ng/ml



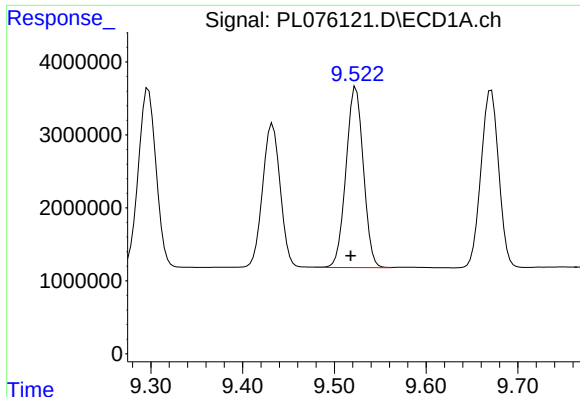
#16 4,4'-DDD

R.T.: 9.205 min  
Delta R.T.: 0.006 min  
Response: 29923026  
Conc: 52.77 ng/ml



#16 4,4'-DDD

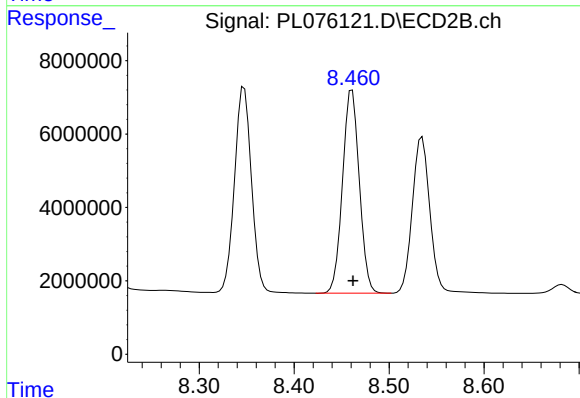
R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 66698724  
Conc: 48.09 ng/ml



#17 4,4'-DDT

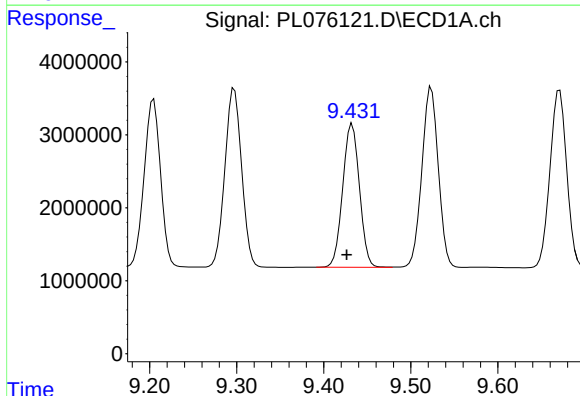
R.T.: 9.523 min  
Delta R.T.: 0.006 min  
Response: 32572965  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



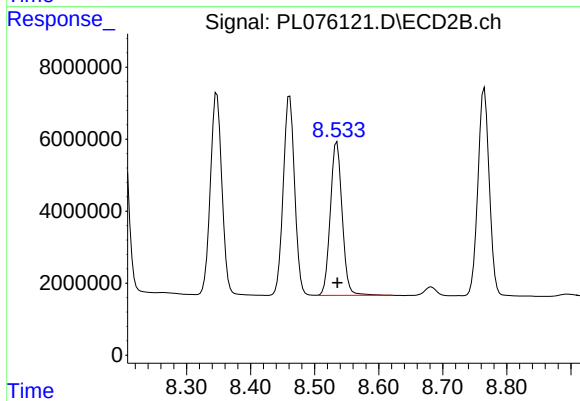
#17 4,4'-DDT

R.T.: 8.461 min  
Delta R.T.: -0.001 min  
Response: 68182791  
Conc: 46.10 ng/ml



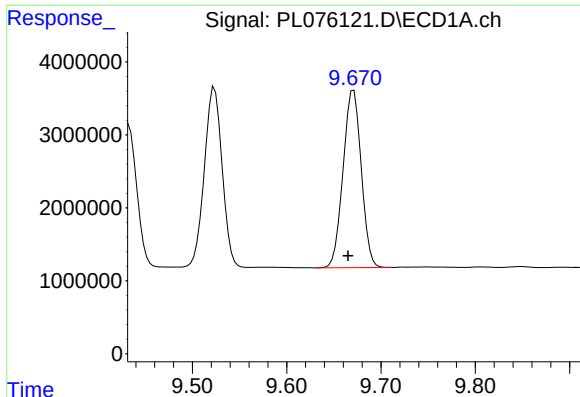
#18 Endrin aldehyde

R.T.: 9.433 min  
Delta R.T.: 0.006 min  
Response: 26277197  
Conc: 50.87 ng/ml



#18 Endrin aldehyde

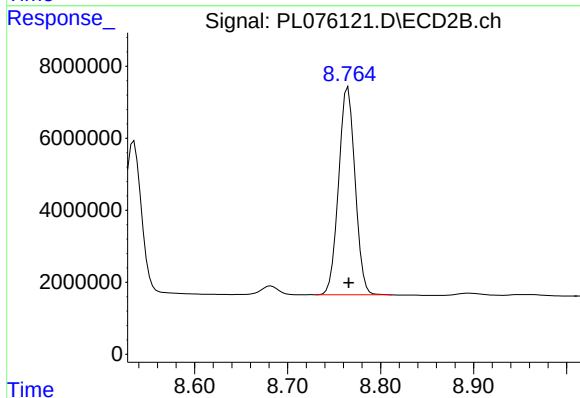
R.T.: 8.535 min  
Delta R.T.: 0.000 min  
Response: 54752719  
Conc: 45.86 ng/ml



#19 Endosulfan Sulfate

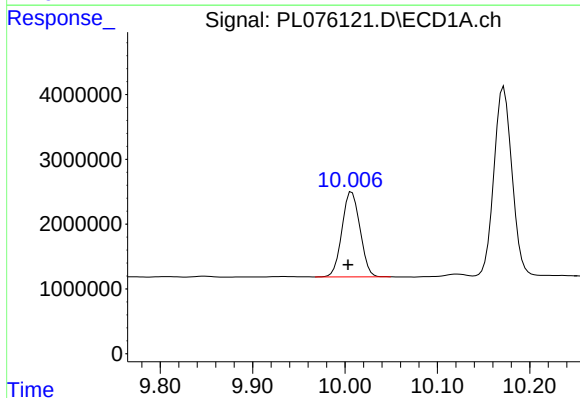
R.T.: 9.671 min  
Delta R.T.: 0.006 min  
Response: 32613302  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



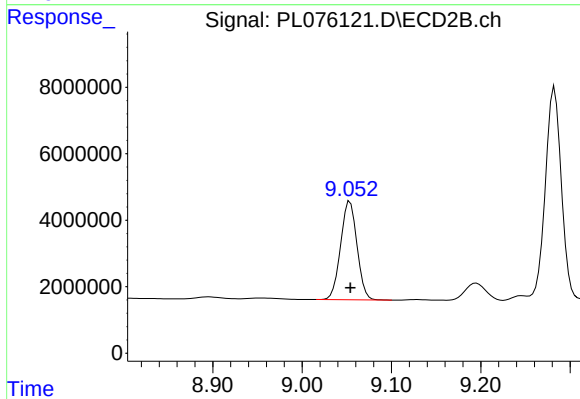
#19 Endosulfan Sulfate

R.T.: 8.765 min  
Delta R.T.: 0.000 min  
Response: 70874006  
Conc: 46.19 ng/ml



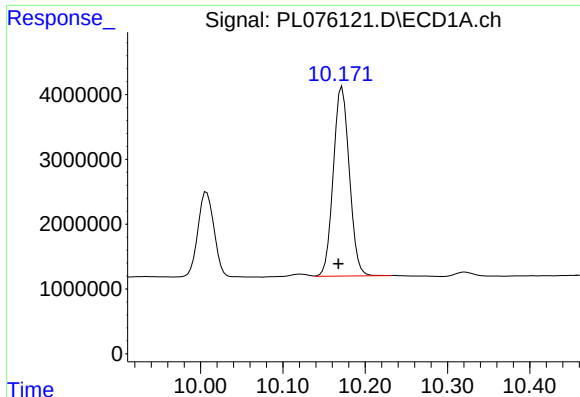
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: 0.004 min  
Response: 17787713  
Conc: 51.86 ng/ml



#20 Methoxychlor

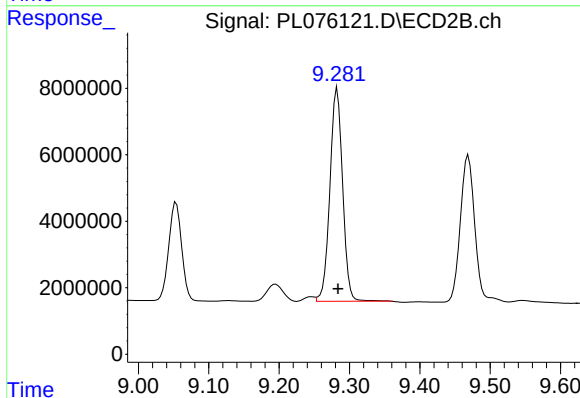
R.T.: 9.054 min  
Delta R.T.: 0.000 min  
Response: 37740861  
Conc: 44.32 ng/ml



#21 Endrin ketone

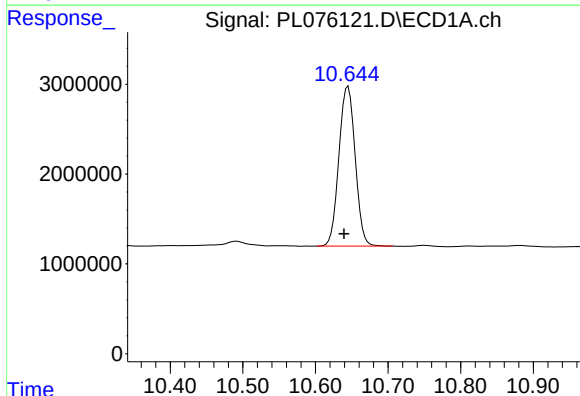
R.T.: 10.172 min  
Delta R.T.: 0.005 min  
Response: 39561964  
Conc: 54.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



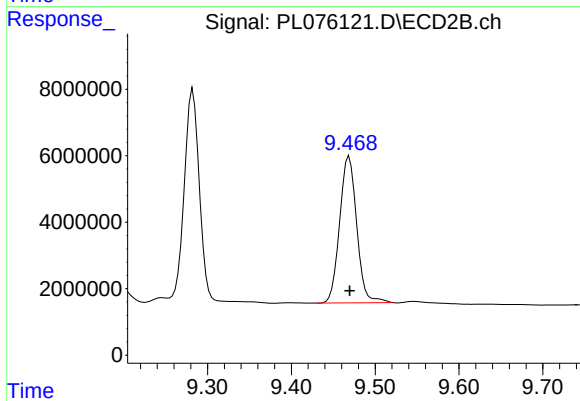
#21 Endrin ketone

R.T.: 9.283 min  
Delta R.T.: -0.001 min  
Response: 80483934  
Conc: 48.72 ng/ml



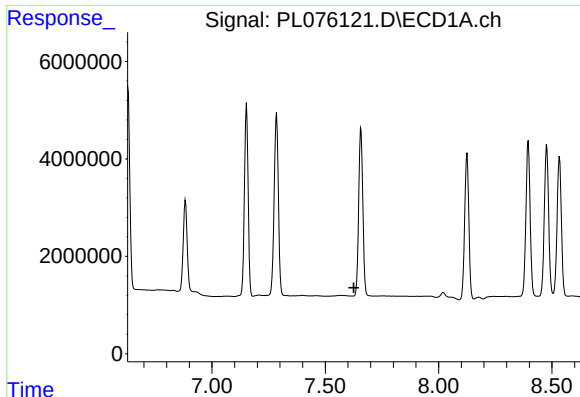
#22 Mirex

R.T.: 10.645 min  
Delta R.T.: 0.005 min  
Response: 27713003  
Conc: 51.53 ng/ml



#22 Mirex

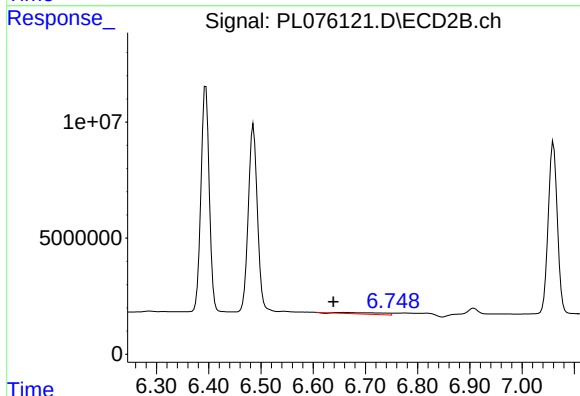
R.T.: 9.469 min  
Delta R.T.: 0.000 min  
Response: 62510600  
Conc: 46.71 ng/ml



#24 Chlordane-2

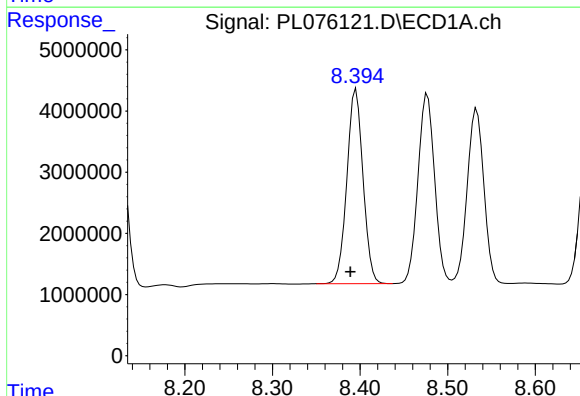
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



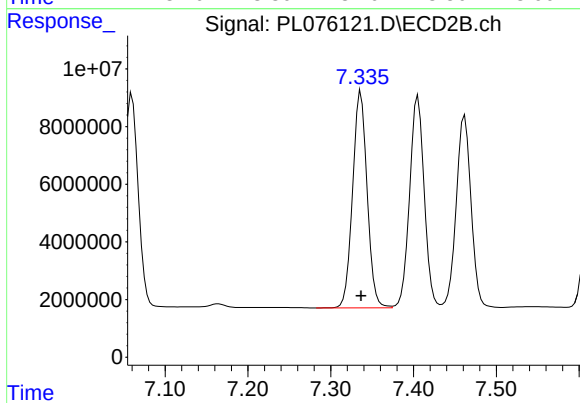
#24 Chlordane-2

R.T.: 6.660 min  
Delta R.T.: 0.021 min  
Response: 3544447  
Conc: 50.97 ng/ml



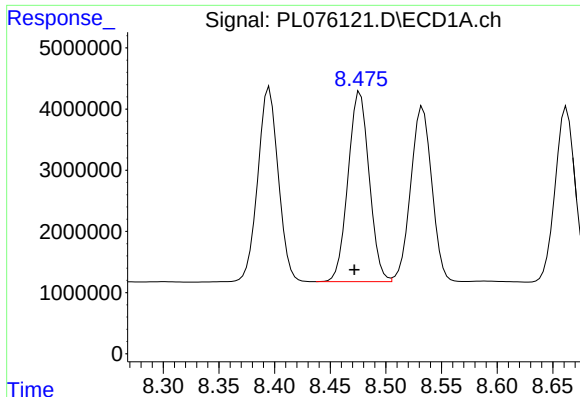
#25 Chlordane-3

R.T.: 8.395 min  
Delta R.T.: 0.006 min  
Response: 40698039  
Conc: 400.22 ng/ml



#25 Chlordane-3

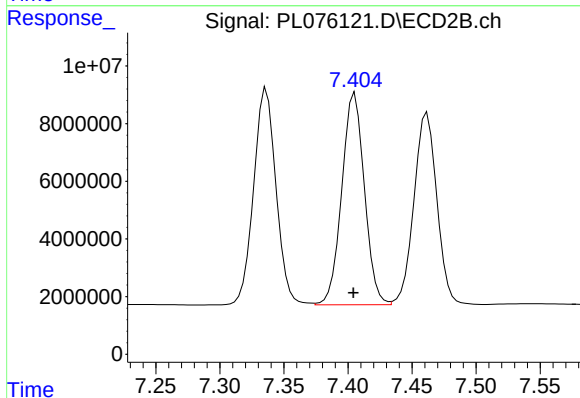
R.T.: 7.336 min  
Delta R.T.: 0.000 min  
Response: 91570099  
Conc: 519.21 ng/ml



#26 Chlordane-4

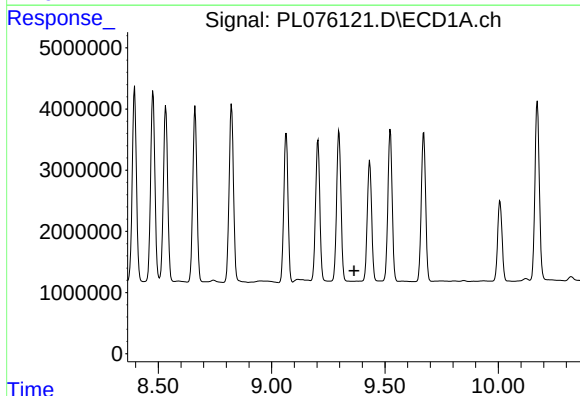
R.T.: 8.477 min  
Delta R.T.: 0.005 min  
Response: 41067242  
Conc: 329.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



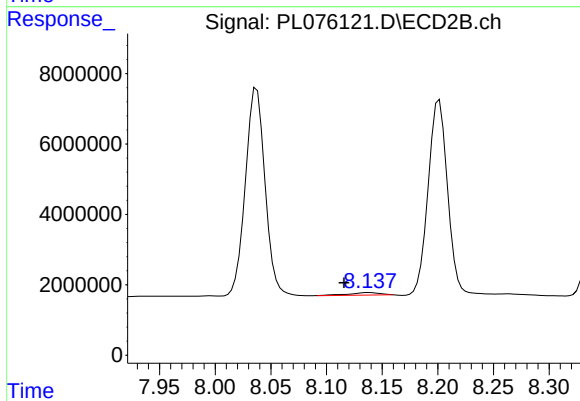
#26 Chlordane-4

R.T.: 7.405 min  
Delta R.T.: 0.001 min  
Response: 90136834  
Conc: 478.13 ng/ml



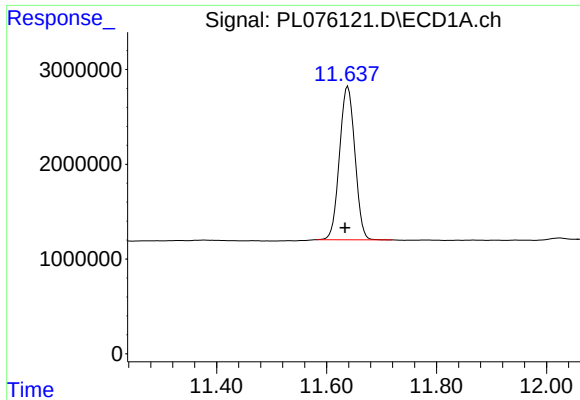
#27 Chlordane-5

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



#27 Chlordane-5

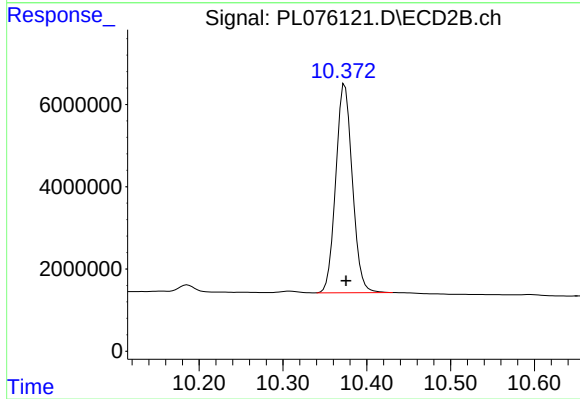
R.T.: 8.138 min  
Delta R.T.: 0.023 min  
Response: 1438251  
Conc: 31.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min  
Delta R.T.: 0.005 min  
Response: 31518999  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 10.374 min  
Delta R.T.: -0.002 min  
Response: 69744811  
Conc: 45.41 ng/ml