

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063022\  
 Data File : PL076139.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2022 16:54  
 Operator : AR\AJ  
 Sample : PB145485BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 00:12:56 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... | 5.641  | 4.631  | 13177478 | 31958749 | 17.423   | 16.850    |
| 28)                         | SA Decachlor... | 11.631 | 10.369 | 12596728 | 28629498 | 20.018   | 18.640    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.225  | 5.332  | 54990744 | 130.8E6  | 55.672   | 53.510    |
| 3)                          | MA gamma-BHC... | 6.623  | 5.753  | 51838460 | 121.6E6  | 55.995   | 52.594    |
| 4)                          | MA Heptachlor   | 7.277  | 6.160  | 52006881 | 119.6E6  | 56.693   | 52.726    |
| 5)                          | MB Aldrin       | 7.650  | 6.483  | 48494307 | 112.4E6  | 58.422   | 54.428    |
| 6)                          | B beta-BHC      | 6.875  | 6.132  | 23732868 | 52071601 | 54.189   | 49.919    |
| 7)                          | B delta-BHC     | 7.145  | 6.392  | 49758895 | 121.7E6  | 63.728   | 53.879    |
| 8)                          | B Heptachlo...  | 8.118  | 7.056  | 45544828 | 104.7E6  | 57.202   | 54.578    |
| 9)                          | A Endosulfan I  | 8.526  | 7.458  | 41600245 | 95609401 | 57.547   | 54.453    |
| 10)                         | B gamma-Chl...  | 8.389  | 7.332  | 45130210 | 105.2E6  | 58.063   | 54.704    |
| 11)                         | B alpha-Chl...  | 8.470  | 7.401  | 44956506 | 103.3E6  | 57.891   | 53.978    |
| 12)                         | B 4,4'-DDE      | 8.656  | 7.613  | 40017769 | 93560162 | 59.206   | 55.122    |
| 13)                         | MA Dieldrin     | 8.817  | 7.743  | 43850793 | 100.8E6  | 59.730   | 56.018    |
| 14)                         | MA Endrin       | 9.058  | 8.033  | 36539721 | 87344513 | 58.604   | 57.475    |
| 15)                         | B Endosulfa...  | 9.291  | 8.344  | 37684762 | 84566745 | 59.396   | 55.949    |
| 16)                         | A 4,4'-DDD      | 9.198  | 8.197  | 33852773 | 77497993 | 59.702   | 55.874    |
| 17)                         | MA 4,4'-DDT     | 9.516  | 8.457  | 36167278 | 79621870 | 59.245   | 53.835    |
| 18)                         | B Endrin al...  | 9.426  | 8.531  | 31143115 | 68179538 | 60.293   | 57.111    |
| 19)                         | B Endosulfa...  | 9.665  | 8.761  | 36994687 | 83691698 | 57.706   | 54.549    |
| 20)                         | A Methoxychlor  | 10.002 | 9.049  | 20150973 | 44303768 | 58.748   | 52.025    |
| 21)                         | B Endrin ke...  | 10.166 | 9.278  | 41886529 | 91898394 | 58.113   | 55.625    |
| 22)                         | Mirex           | 10.639 | 9.464  | 31356720 | 71746888 | 58.300   | 53.615    |
| 24)                         | Chlordane-2     | 7.650f | 0.000  | 48494307 | 0        | 1598.615 | N.D. #    |
| 25)                         | Chlordane-3     | 8.389  | 7.332  | 45130210 | 105.2E6  | 443.801  | 596.245 # |
| 26)                         | Chlordane-4     | 8.470  | 7.401  | 44956506 | 103.3E6  | 361.098  | 548.030 # |
| -----                       |                 |        |        |          |          |          |           |

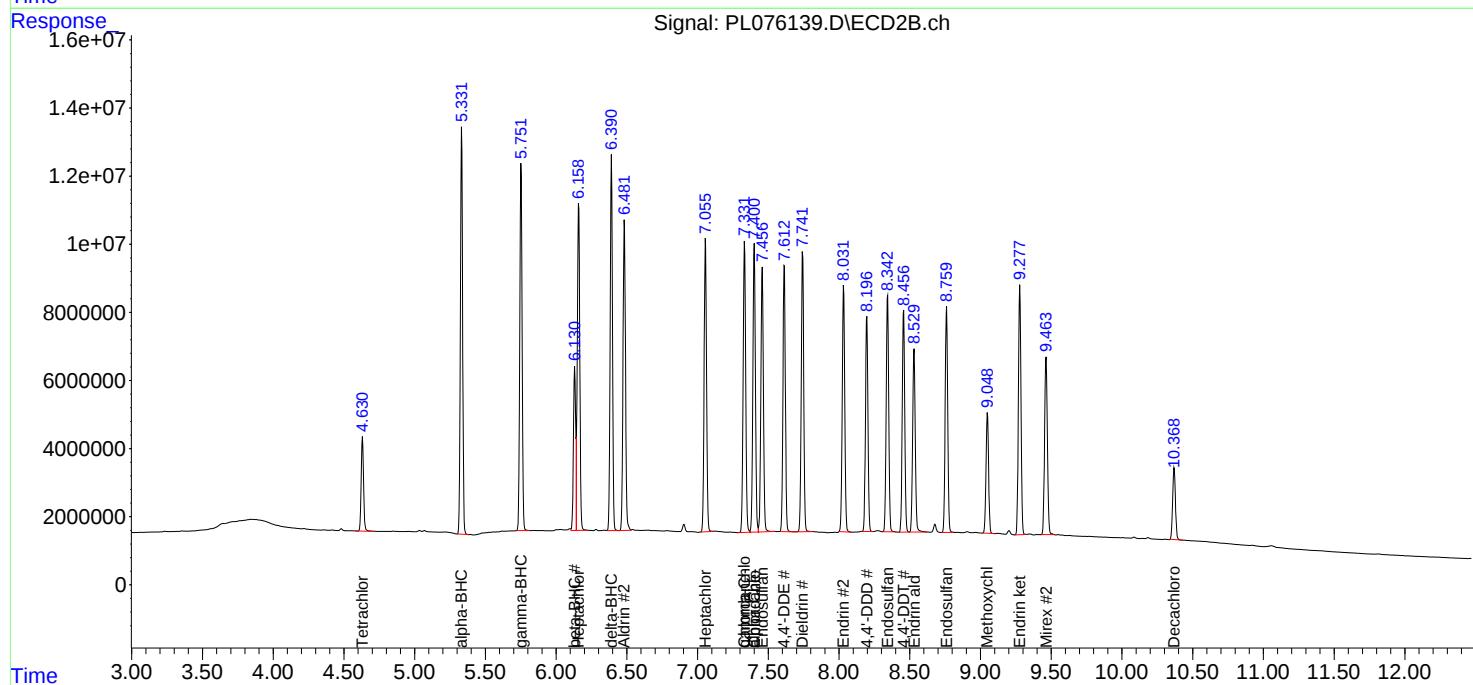
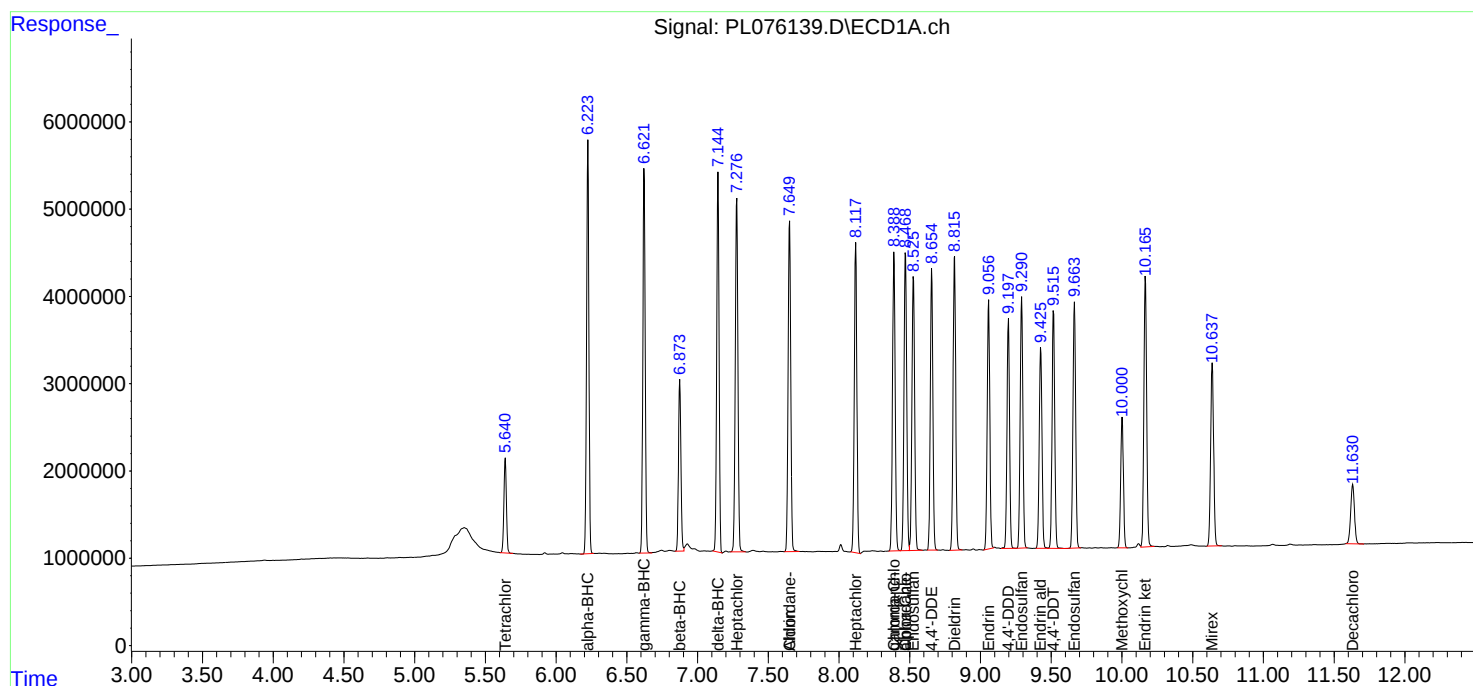
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

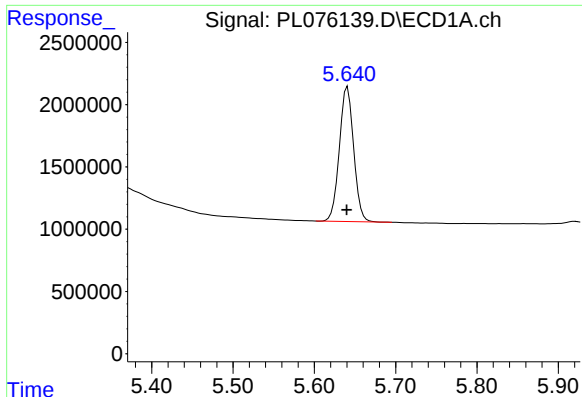
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063022\  
Data File : PL076139.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2022 16:54  
Operator : AR\AJ  
Sample : PB145485BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 00:12:56 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

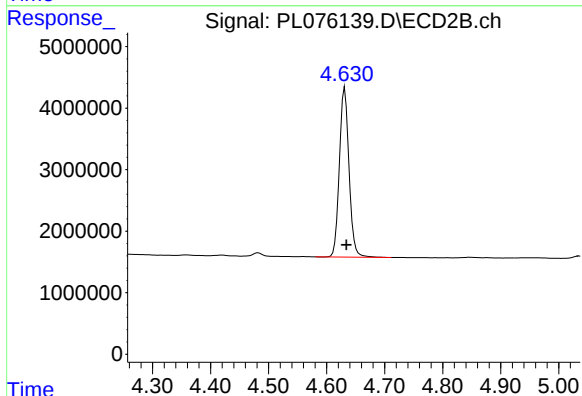




#1 Tetrachloro-m-xylene

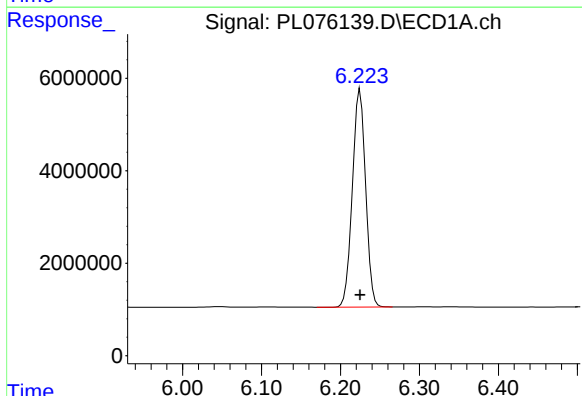
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 13177478  
Conc: 17.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



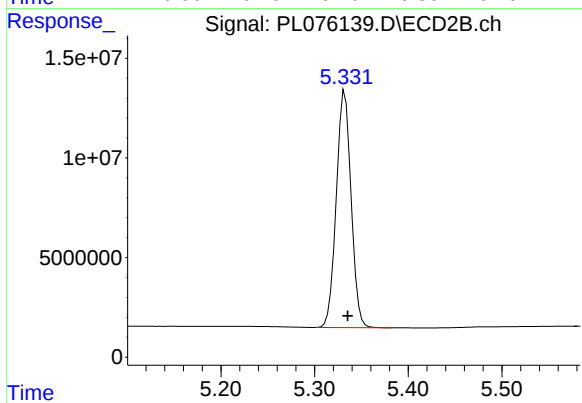
#1 Tetrachloro-m-xylene

R.T.: 4.631 min  
Delta R.T.: -0.003 min  
Response: 31958749  
Conc: 16.85 ng/ml



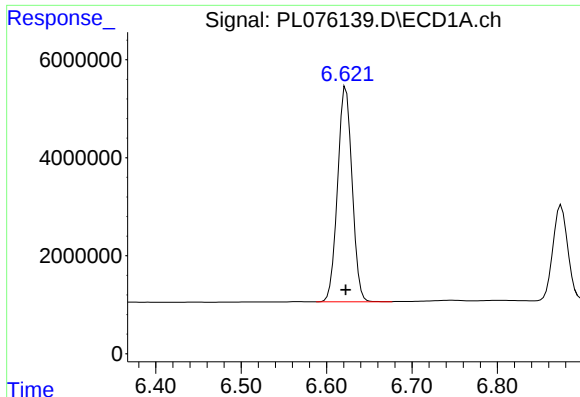
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 54990744  
Conc: 55.67 ng/ml



#2 alpha-BHC

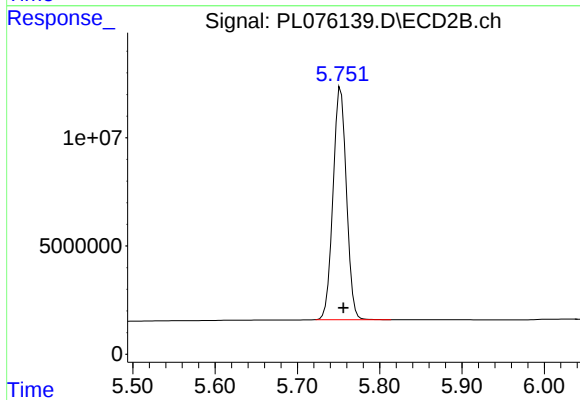
R.T.: 5.332 min  
Delta R.T.: -0.003 min  
Response: 130790191  
Conc: 53.51 ng/ml



#3 gamma-BHC (Lindane)

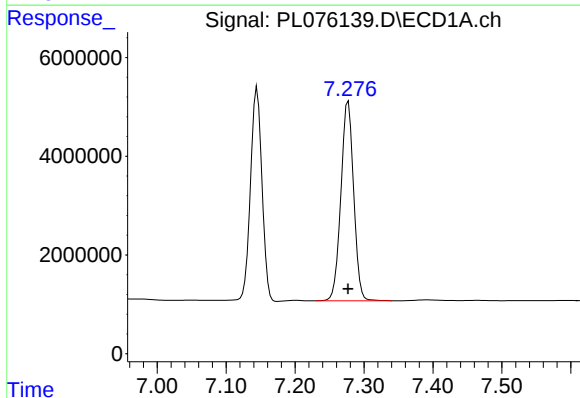
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 51838460  
Conc: 56.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



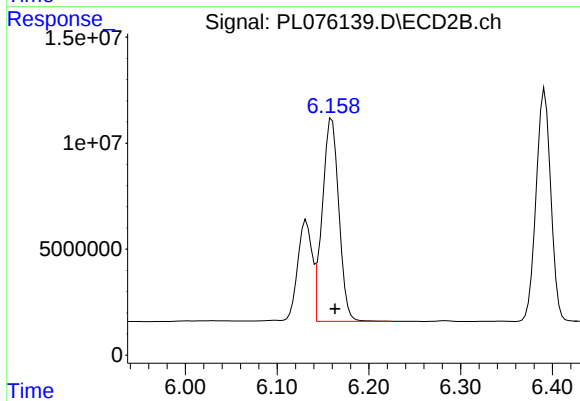
#3 gamma-BHC (Lindane)

R.T.: 5.753 min  
Delta R.T.: -0.003 min  
Response: 121588086  
Conc: 52.59 ng/ml



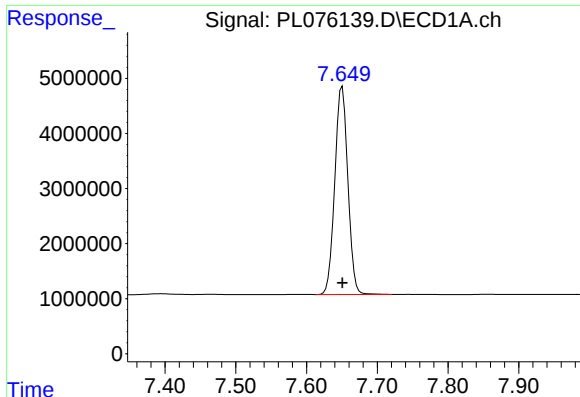
#4 Heptachlor

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 52006881  
Conc: 56.69 ng/ml



#4 Heptachlor

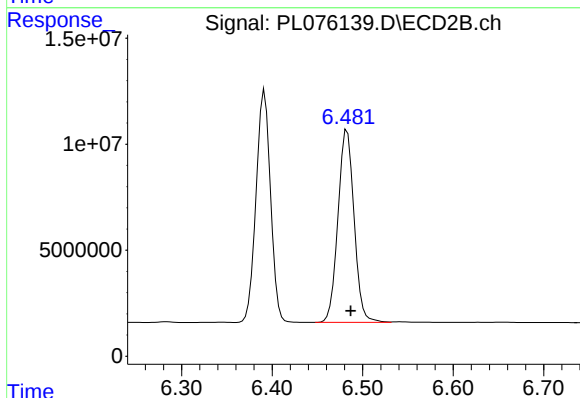
R.T.: 6.160 min  
Delta R.T.: -0.004 min  
Response: 119621090  
Conc: 52.73 ng/ml



#5 Aldrin

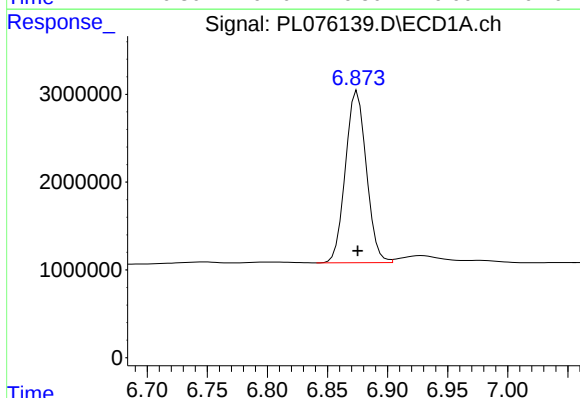
R.T.: 7.650 min  
Delta R.T.: 0.000 min  
Response: 48494307  
Conc: 58.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



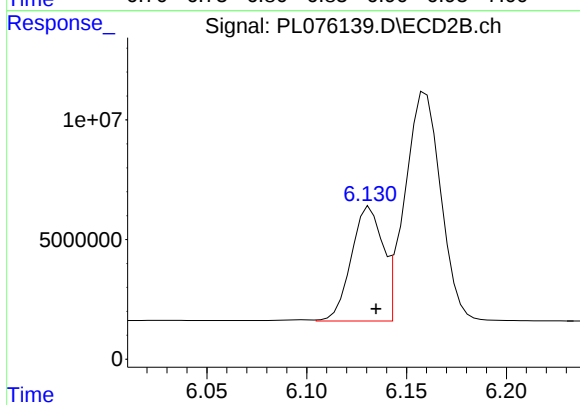
#5 Aldrin

R.T.: 6.483 min  
Delta R.T.: -0.004 min  
Response: 112370342  
Conc: 54.43 ng/ml



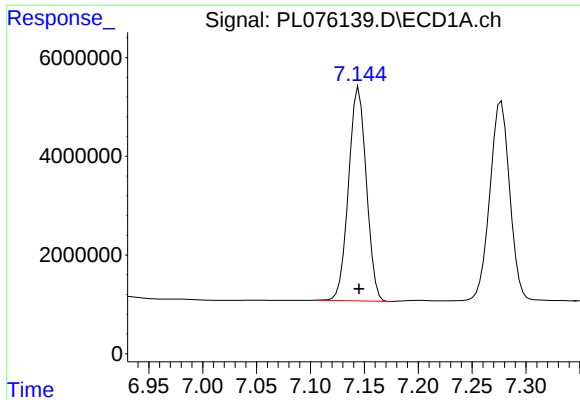
#6 beta-BHC

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 23732868  
Conc: 54.19 ng/ml



#6 beta-BHC

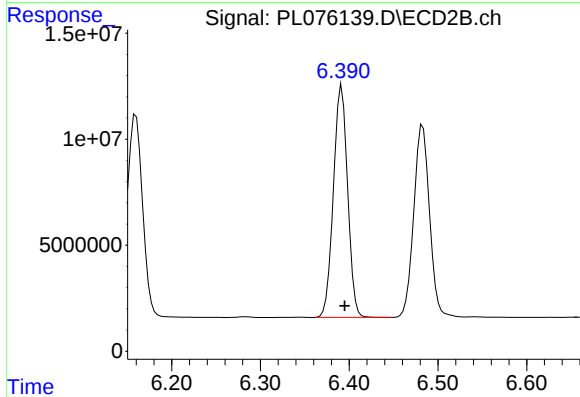
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 52071601  
Conc: 49.92 ng/ml



#7 delta-BHC

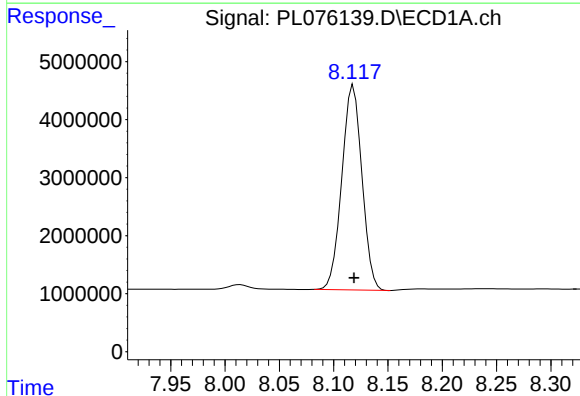
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 49758895  
Conc: 63.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



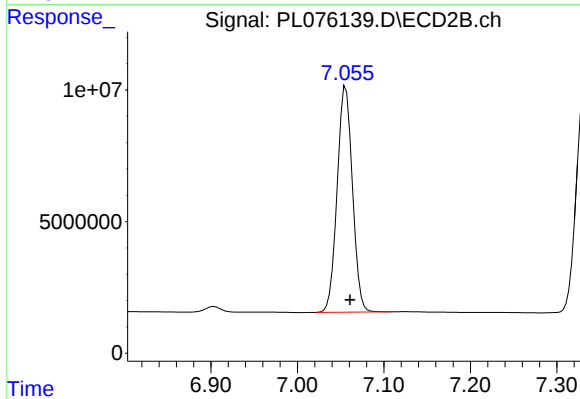
#7 delta-BHC

R.T.: 6.392 min  
Delta R.T.: -0.003 min  
Response: 121707221  
Conc: 53.88 ng/ml



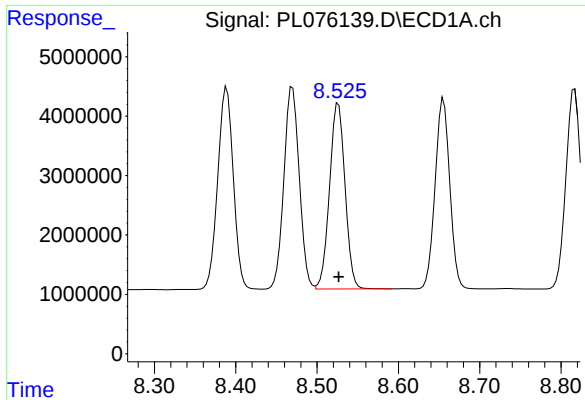
#8 Heptachlor epoxide

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 45544828  
Conc: 57.20 ng/ml



#8 Heptachlor epoxide

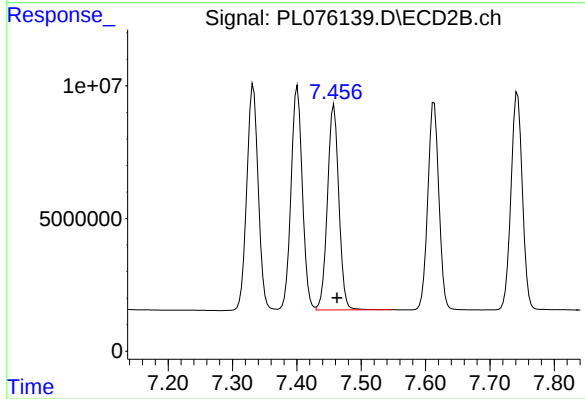
R.T.: 7.056 min  
Delta R.T.: -0.005 min  
Response: 104703817  
Conc: 54.58 ng/ml



#9 Endosulfan I

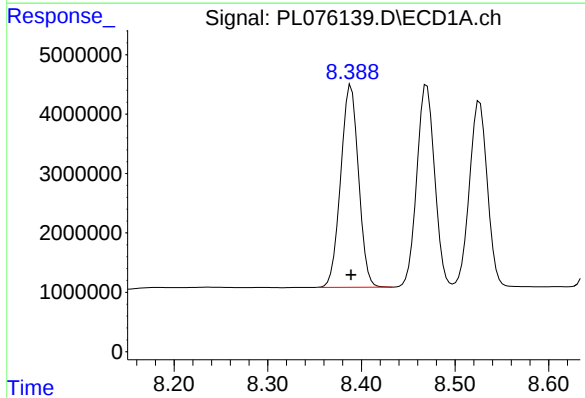
R.T.: 8.526 min  
Delta R.T.: 0.000 min  
Response: 41600245  
Conc: 57.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



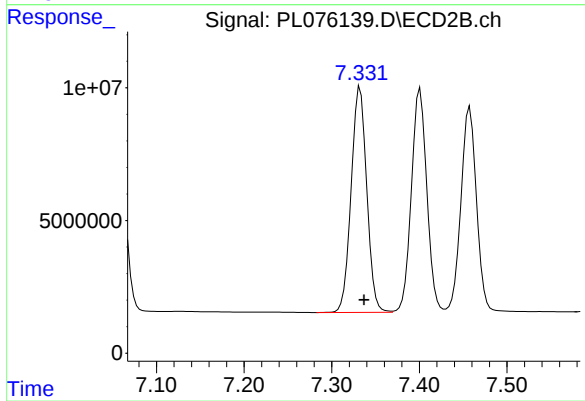
#9 Endosulfan I

R.T.: 7.458 min  
Delta R.T.: -0.005 min  
Response: 95609401  
Conc: 54.45 ng/ml



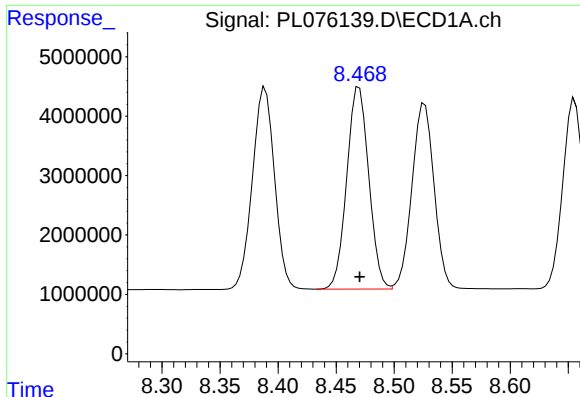
#10 gamma-Chlordane

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 45130210  
Conc: 58.06 ng/ml



#10 gamma-Chlordane

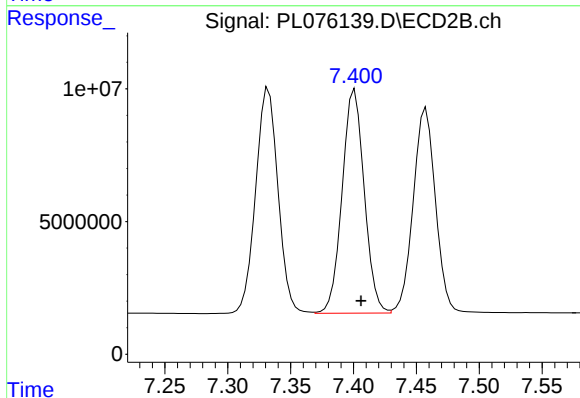
R.T.: 7.332 min  
Delta R.T.: -0.004 min  
Response: 105155840  
Conc: 54.70 ng/ml



#11 alpha-Chlordane

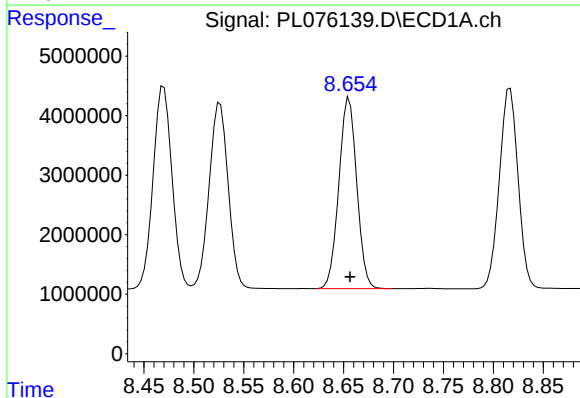
R.T.: 8.470 min  
Delta R.T.: 0.000 min  
Response: 44956506  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



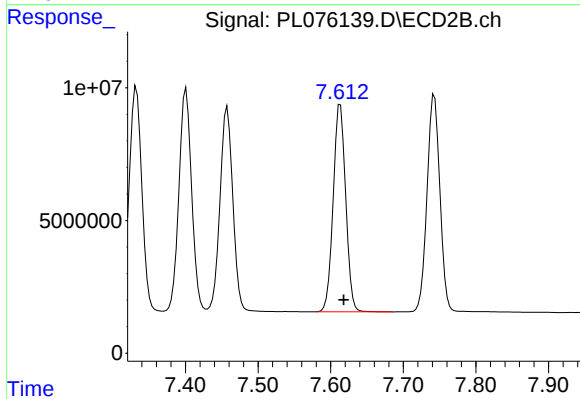
#11 alpha-Chlordane

R.T.: 7.401 min  
Delta R.T.: -0.005 min  
Response: 103314053  
Conc: 53.98 ng/ml



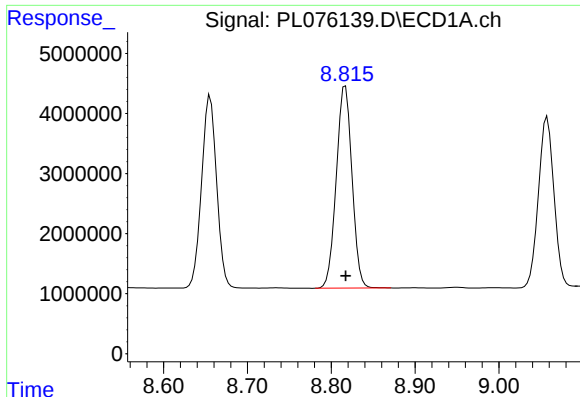
#12 4,4'-DDE

R.T.: 8.656 min  
Delta R.T.: 0.000 min  
Response: 40017769  
Conc: 59.21 ng/ml



#12 4,4'-DDE

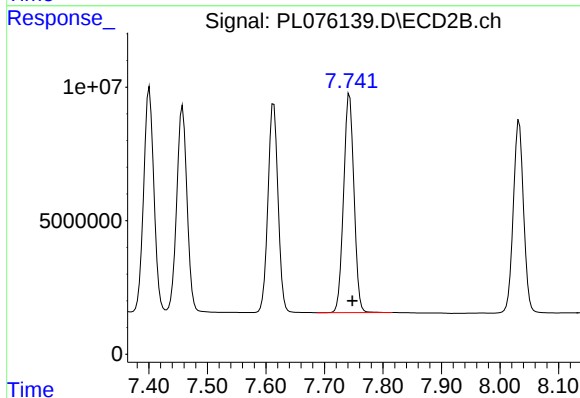
R.T.: 7.613 min  
Delta R.T.: -0.005 min  
Response: 93560162  
Conc: 55.12 ng/ml



#13 Dieldrin

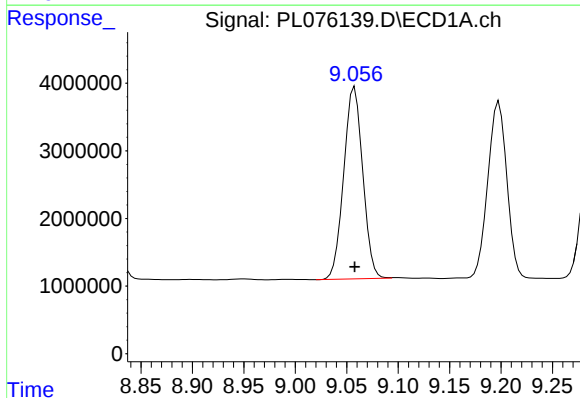
R.T.: 8.817 min  
Delta R.T.: 0.000 min  
Response: 43850793  
Conc: 59.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



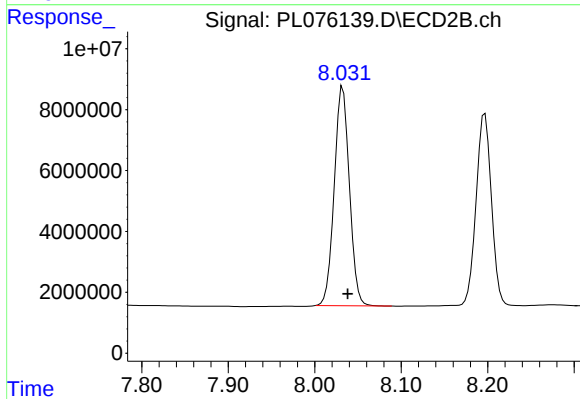
#13 Dieldrin

R.T.: 7.743 min  
Delta R.T.: -0.005 min  
Response: 100802450  
Conc: 56.02 ng/ml



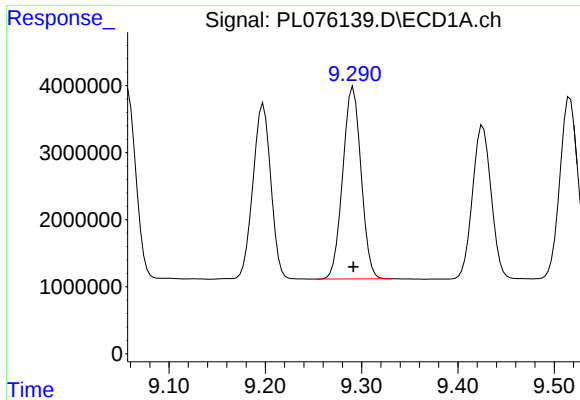
#14 Endrin

R.T.: 9.058 min  
Delta R.T.: 0.000 min  
Response: 36539721  
Conc: 58.60 ng/ml



#14 Endrin

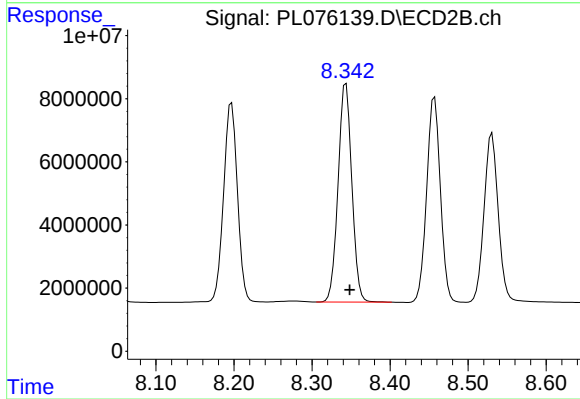
R.T.: 8.033 min  
Delta R.T.: -0.006 min  
Response: 87344513  
Conc: 57.48 ng/ml



#15 Endosulfan II

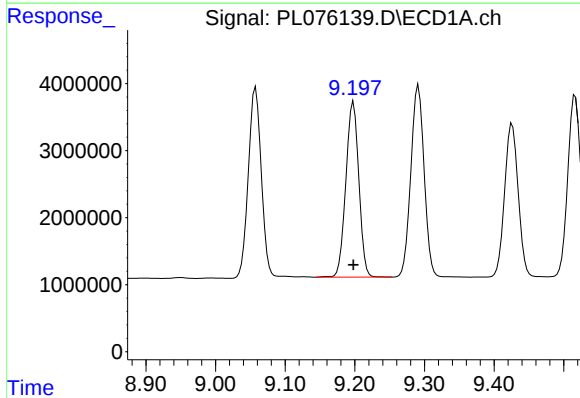
R.T.: 9.291 min  
Delta R.T.: 0.000 min  
Response: 37684762  
Conc: 59.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



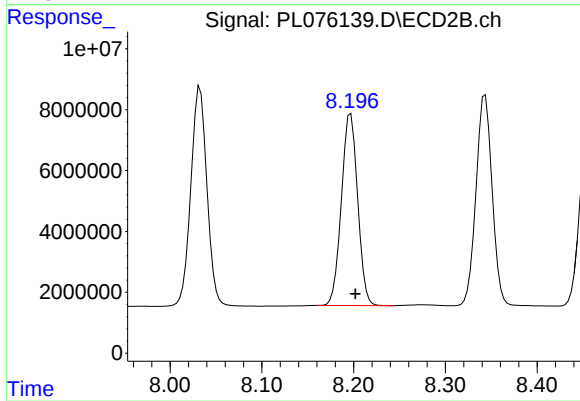
#15 Endosulfan II

R.T.: 8.344 min  
Delta R.T.: -0.005 min  
Response: 84566745  
Conc: 55.95 ng/ml



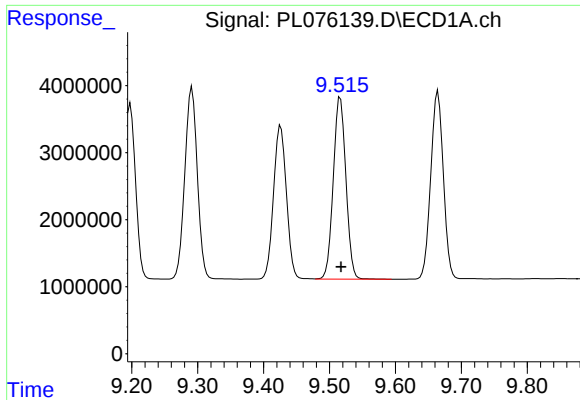
#16 4,4'-DDD

R.T.: 9.198 min  
Delta R.T.: 0.000 min  
Response: 33852773  
Conc: 59.70 ng/ml



#16 4,4'-DDD

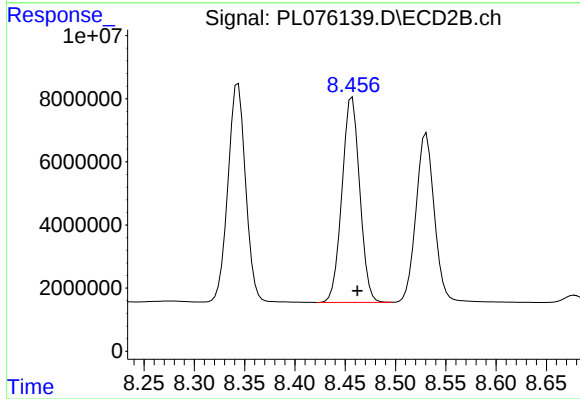
R.T.: 8.197 min  
Delta R.T.: -0.005 min  
Response: 77497993  
Conc: 55.87 ng/ml



#17 4,4'-DDT

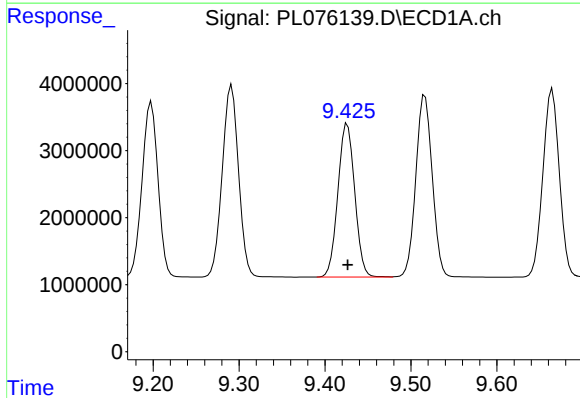
R.T.: 9.516 min  
Delta R.T.: -0.001 min  
Response: 36167278  
Conc: 59.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



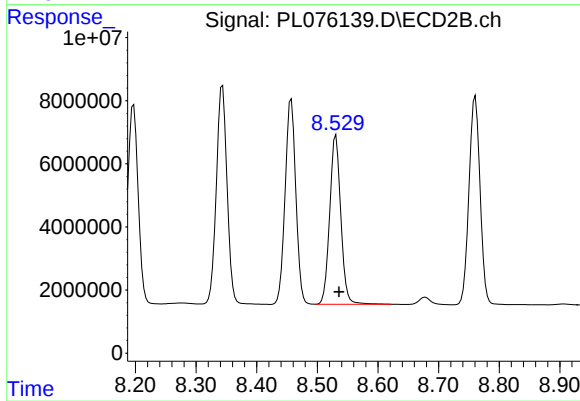
#17 4,4'-DDT

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 79621870  
Conc: 53.83 ng/ml



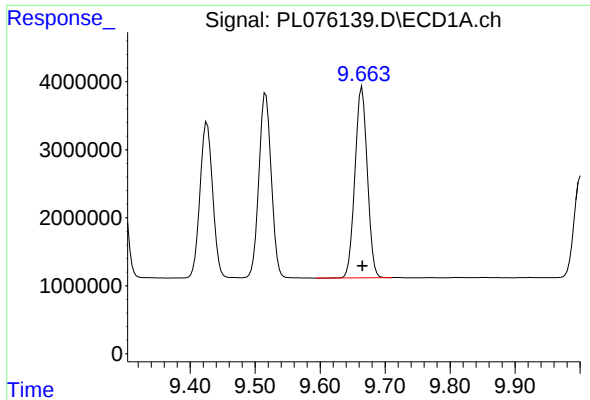
#18 Endrin aldehyde

R.T.: 9.426 min  
Delta R.T.: 0.000 min  
Response: 31143115  
Conc: 60.29 ng/ml



#18 Endrin aldehyde

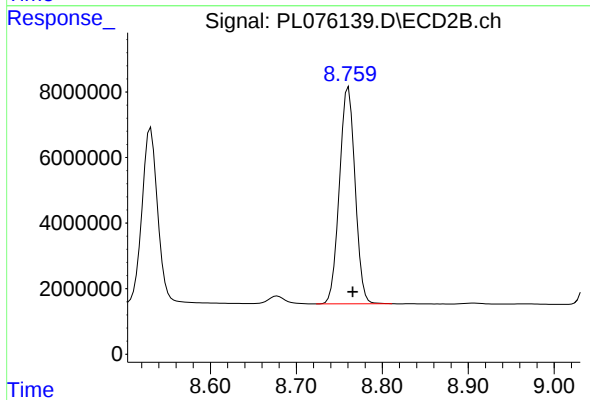
R.T.: 8.531 min  
Delta R.T.: -0.005 min  
Response: 68179538  
Conc: 57.11 ng/ml



#19 Endosulfan Sulfate

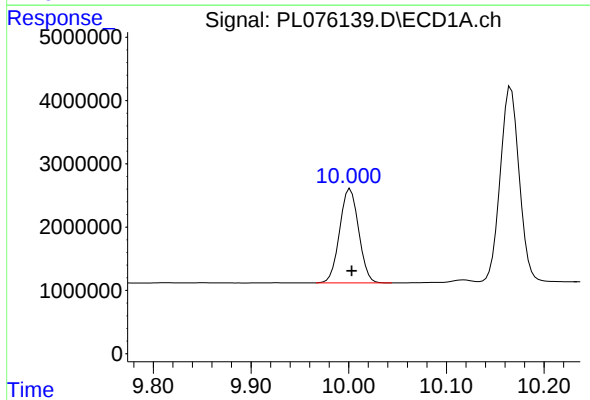
R.T.: 9.665 min  
Delta R.T.: 0.000 min  
Response: 36994687  
Conc: 57.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



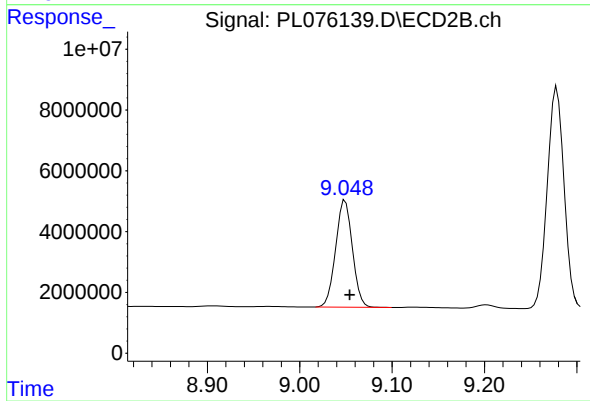
#19 Endosulfan Sulfate

R.T.: 8.761 min  
Delta R.T.: -0.005 min  
Response: 83691698  
Conc: 54.55 ng/ml



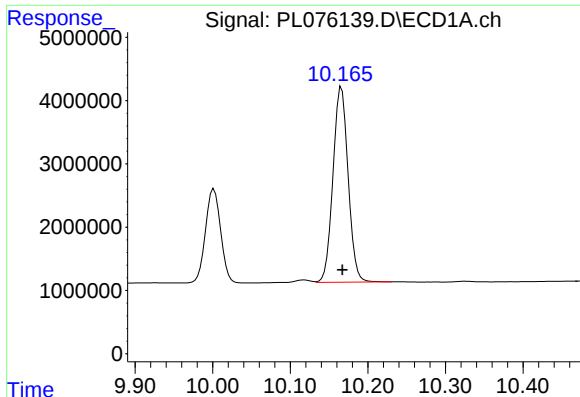
#20 Methoxychlor

R.T.: 10.002 min  
Delta R.T.: -0.001 min  
Response: 20150973  
Conc: 58.75 ng/ml



#20 Methoxychlor

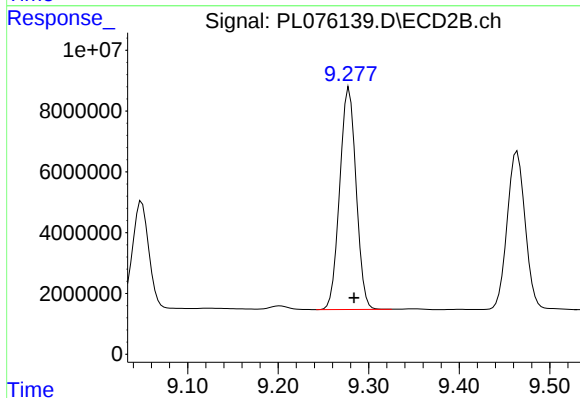
R.T.: 9.049 min  
Delta R.T.: -0.005 min  
Response: 44303768  
Conc: 52.03 ng/ml



#21 Endrin ketone

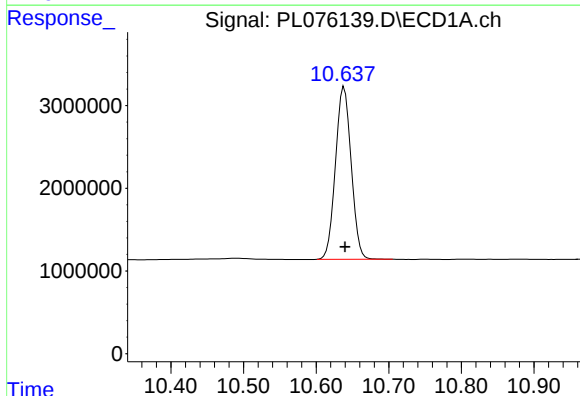
R.T.: 10.166 min  
Delta R.T.: -0.001 min  
Response: 41886529  
Conc: 58.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



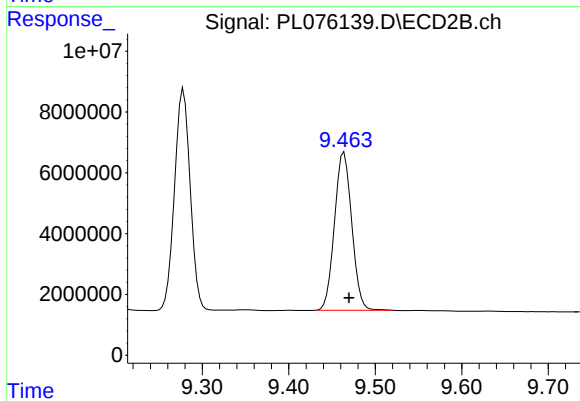
#21 Endrin ketone

R.T.: 9.278 min  
Delta R.T.: -0.006 min  
Response: 91898394  
Conc: 55.62 ng/ml



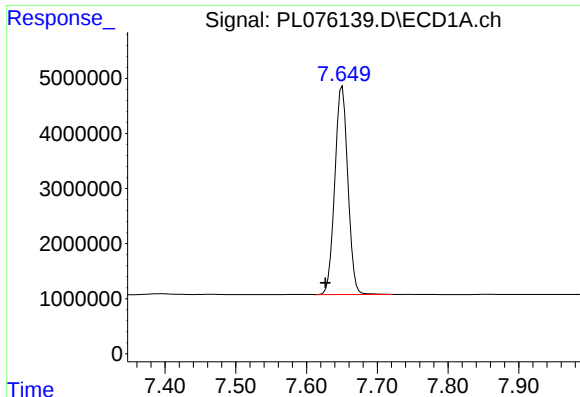
#22 Mirex

R.T.: 10.639 min  
Delta R.T.: -0.001 min  
Response: 31356720  
Conc: 58.30 ng/ml



#22 Mirex

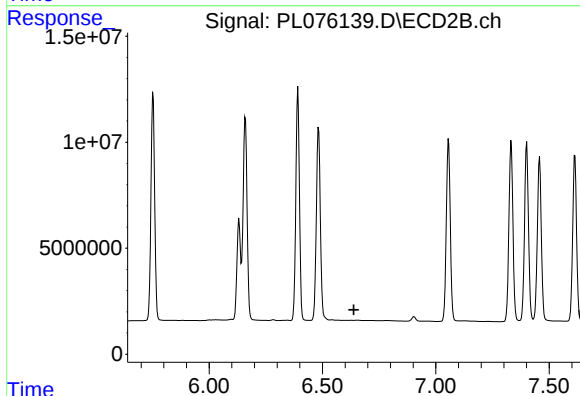
R.T.: 9.464 min  
Delta R.T.: -0.006 min  
Response: 71746888  
Conc: 53.62 ng/ml



#24 Chlordane-2

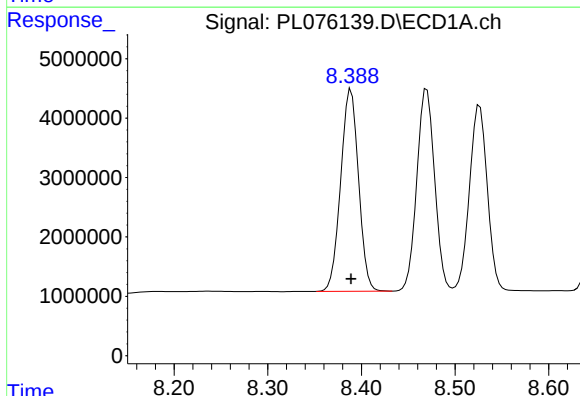
R.T.: 7.650 min  
Delta R.T.: 0.024 min  
Response: 48494307  
Conc: 1598.61 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



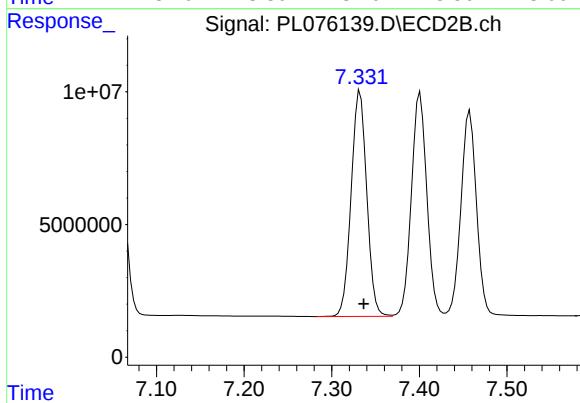
#24 Chlordane-2

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



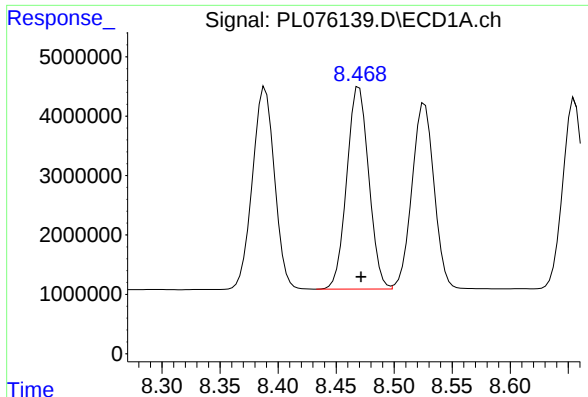
#25 Chlordane-3

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 45130210  
Conc: 443.80 ng/ml



#25 Chlordane-3

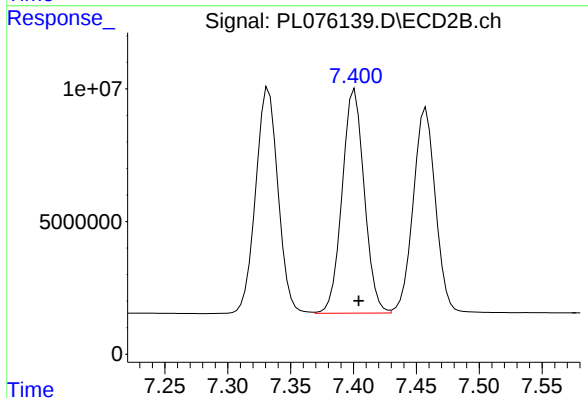
R.T.: 7.332 min  
Delta R.T.: -0.004 min  
Response: 105155840  
Conc: 596.25 ng/ml



#26 Chlordane-4

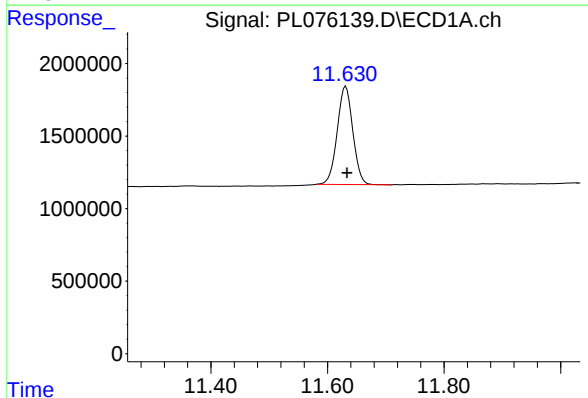
R.T.: 8.470 min  
Delta R.T.: -0.002 min  
Response: 44956506  
Conc: 361.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



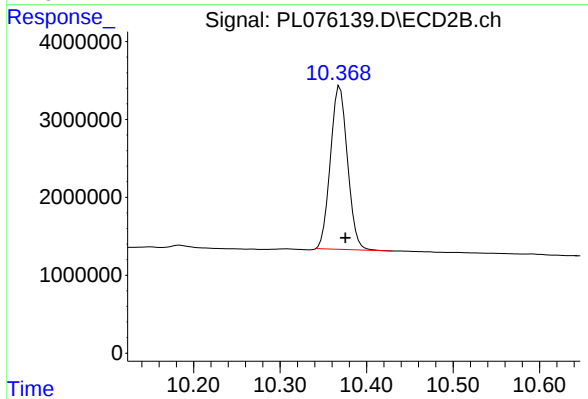
#26 Chlordane-4

R.T.: 7.401 min  
Delta R.T.: -0.003 min  
Response: 103314053  
Conc: 548.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.631 min  
Delta R.T.: -0.002 min  
Response: 12596728  
Conc: 20.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.369 min  
Delta R.T.: -0.006 min  
Response: 28629498  
Conc: 18.64 ng/ml