

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062722\  
 Data File : PL076051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2022 15:20  
 Operator : AR\AJ  
 Sample : N3503-01MS 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 00:19:16 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... | 5.640  | 4.632  | 3055104  | 8127805  | 4.039   | 4.285     |
| 28)                         | SA Decachlor... | 11.631 | 10.372 | 3100379  | 6398800  | 4.927   | 4.166     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 6.224  | 5.333  | 10535686 | 26831690 | 10.666  | 10.978    |
| 3)                          | MA gamma-BHC... | 6.622  | 5.754  | 10359526 | 26022135 | 11.190  | 11.256    |
| 4)                          | MA Heptachlor   | 7.277  | 6.161  | 10029358 | 25047547 | 10.933  | 11.040    |
| 5)                          | MB Aldrin       | 7.650  | 6.484  | 9611134  | 24240836 | 11.579  | 11.741    |
| 6)                          | B beta-BHC      | 6.875  | 6.133  | 5111974  | 12976235 | 11.672  | 12.440    |
| 7)                          | B delta-BHC     | 7.145  | 6.392  | 9287652  | 24704830 | 11.895  | 10.937    |
| 8)                          | B Heptachlo...  | 8.118  | 7.058  | 9418924  | 23010649 | 11.830  | 11.995    |
| 9)                          | A Endosulfan I  | 8.526  | 7.460  | 8087181  | 20658765 | 11.187  | 11.766    |
| 10)                         | B gamma-Chl...  | 8.389  | 7.334  | 9751715  | 24896250 | 12.546  | 12.951    |
| 11)                         | B alpha-Chl...  | 8.470  | 7.403  | 9679468  | 23779188 | 12.464  | 12.424    |
| 12)                         | B 4,4'-DDE      | 8.656  | 7.616  | 7337443  | 19335500 | 10.856  | 11.392    |
| 13)                         | MA Dieldrin     | 8.817  | 7.745  | 8259422  | 21307243 | 11.250  | 11.841    |
| 14)                         | MA Endrin       | 9.058  | 8.035  | 6903152  | 18746544 | 11.072  | 12.336    |
| 15)                         | B Endosulfa...  | 9.291  | 8.345  | 7509018  | 18075820 | 11.835  | 11.959    |
| 16)                         | A 4,4'-DDD      | 9.198  | 8.199  | 6508858  | 15769980 | 11.479  | 11.370    |
| 17)                         | MA 4,4'-DDT     | 9.517  | 8.459  | 6149574  | 14081327 | 10.074  | 9.521     |
| 18)                         | B Endrin al...  | 9.426  | 8.532  | 5188030  | 12336965 | 10.044  | 10.334    |
| 19)                         | B Endosulfa...  | 9.665  | 8.763  | 7485161  | 17282616 | 11.676  | 11.265    |
| 20)                         | A Methoxychlor  | 10.003 | 9.051  | 3582140  | 9403425  | 10.443  | 11.042    |
| 21)                         | B Endrin ke...  | 10.167 | 9.280  | 8214459  | 17528312 | 11.397  | 10.610    |
| 22)                         | Mirex           | 10.640 | 9.467  | 7000718  | 15611348 | 13.016  | 11.666    |
| 23)                         | Chlordane-1     | 0.000  | 5.950  | 0        | 323216   | N.D.    | 5.773 #   |
| 24)                         | Chlordane-2     | 7.650f | 0.000  | 9611134  | 0        | 316.831 | N.D. #    |
| 25)                         | Chlordane-3     | 8.389  | 7.334  | 9751715  | 24896250 | 95.896  | 141.165 # |
| 26)                         | Chlordane-4     | 8.470  | 7.403  | 9679468  | 23779188 | 77.747  | 126.137 # |
| 27)                         | Chlordane-5     | 0.000  | 8.117  | 0        | 271770   | N.D.    | 5.940 #   |
| -----                       |                 |        |        |          |          |         |           |

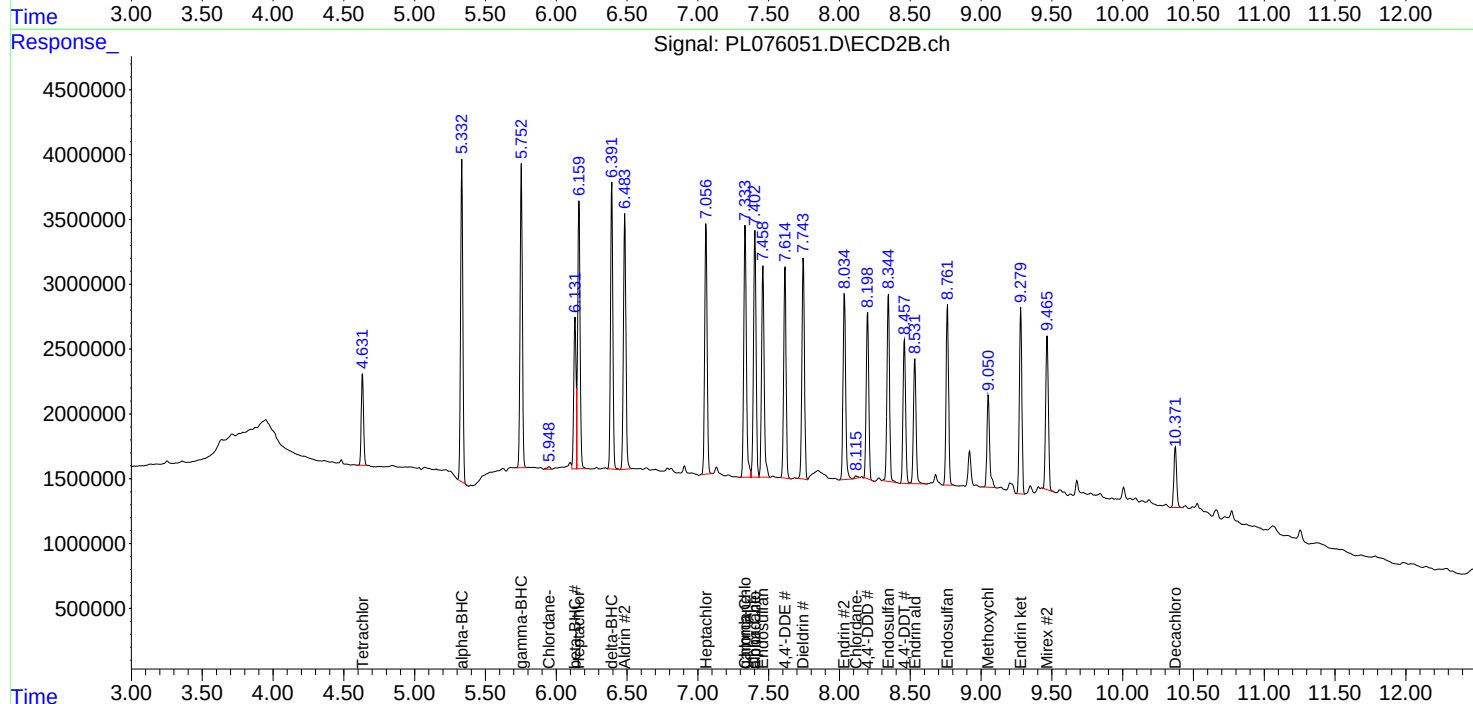
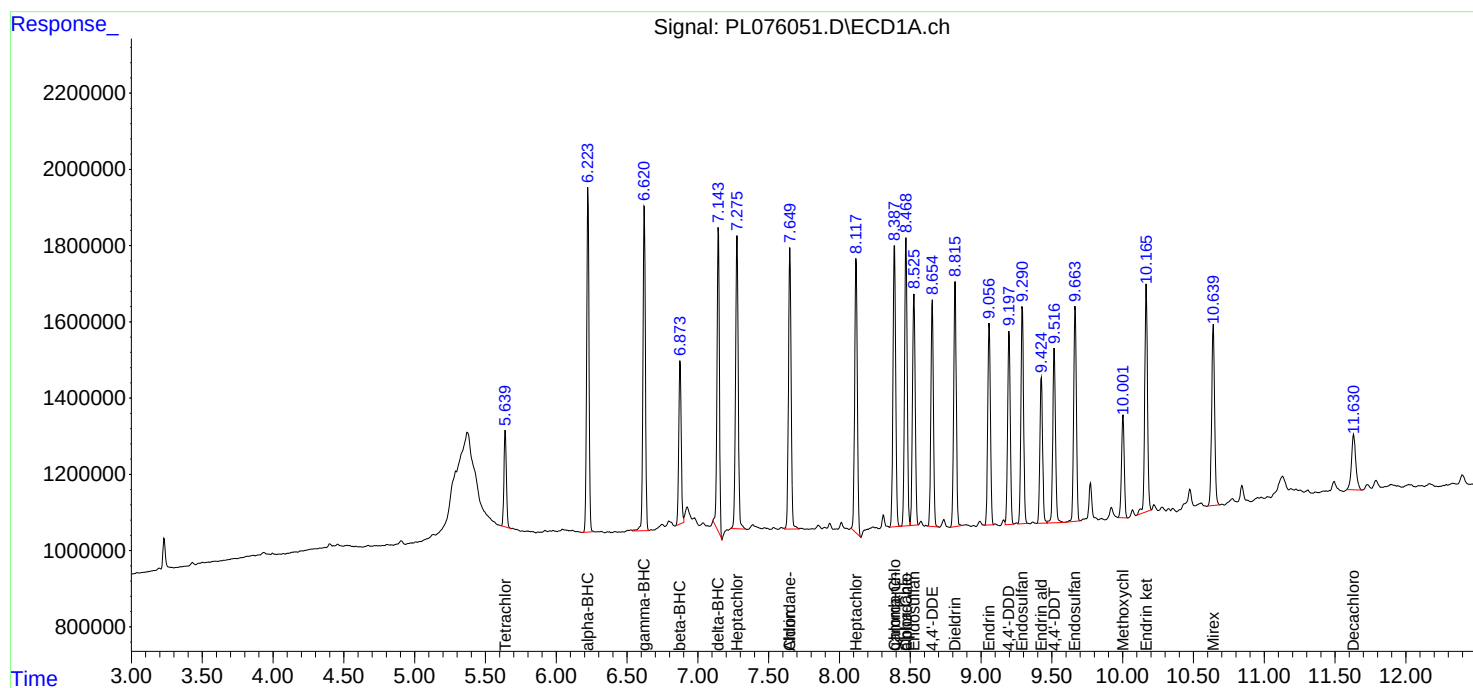
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

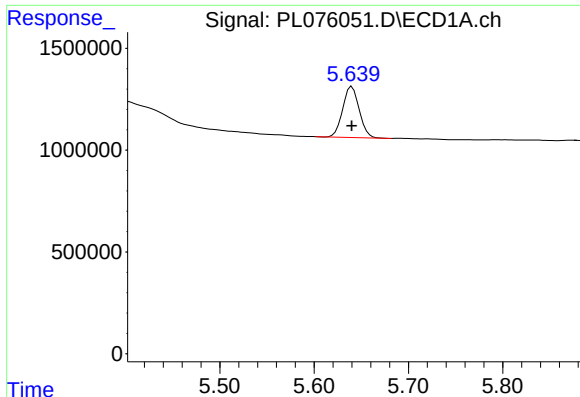
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062722\  
Data File : PL076051.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2022 15:20  
Operator : AR\AJ  
Sample : N3503-01MS 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 00:19:16 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

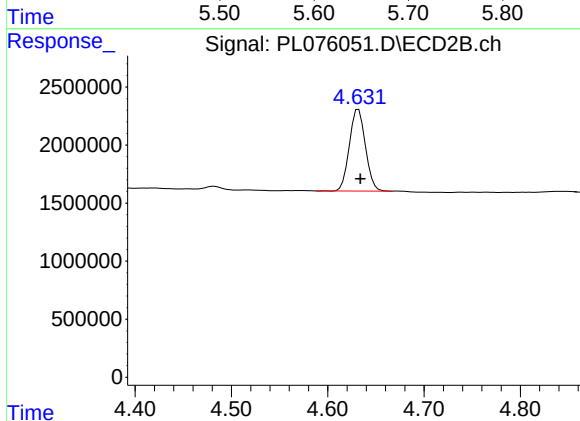




#1 Tetrachloro-m-xylene

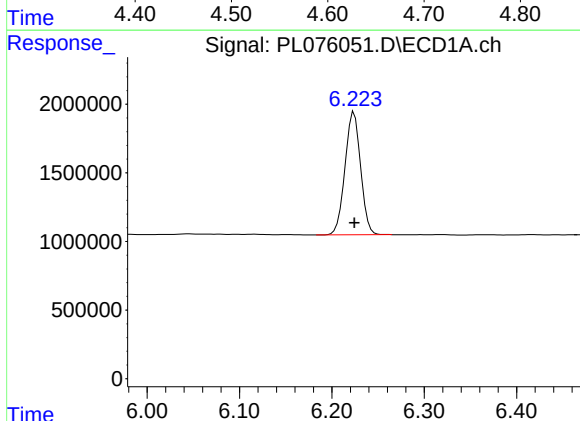
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 3055104  
Conc: 4.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



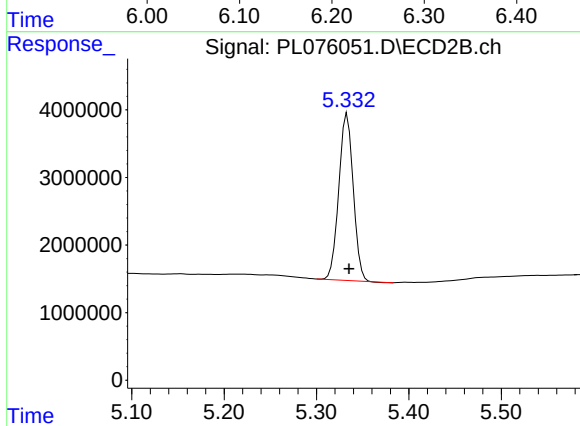
#1 Tetrachloro-m-xylene

R.T.: 4.632 min  
Delta R.T.: -0.002 min  
Response: 8127805  
Conc: 4.29 ng/ml



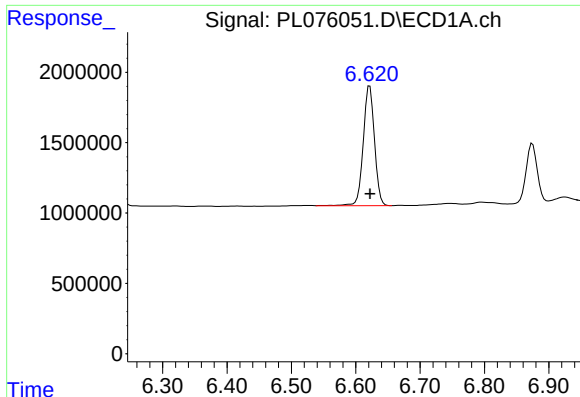
#2 alpha-BHC

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 10535686  
Conc: 10.67 ng/ml



#2 alpha-BHC

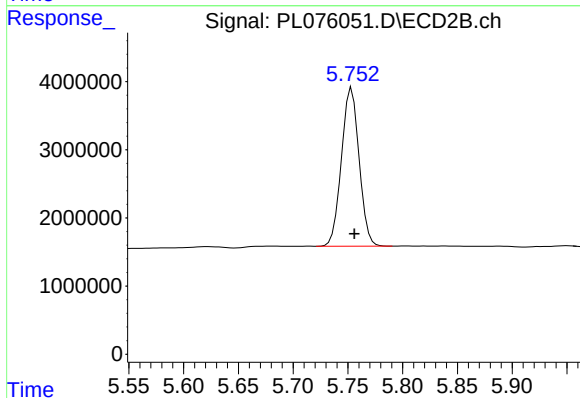
R.T.: 5.333 min  
Delta R.T.: -0.002 min  
Response: 26831690  
Conc: 10.98 ng/ml



#3 gamma-BHC (Lindane)

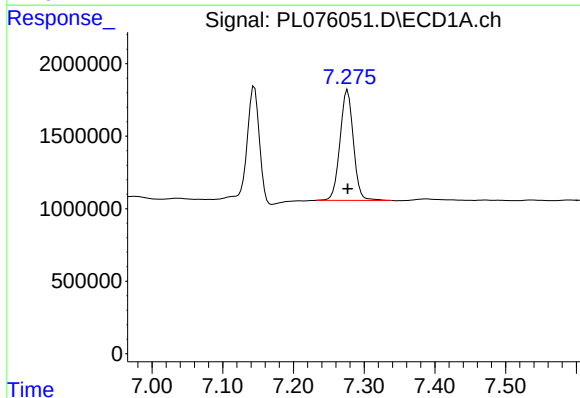
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 10359526  
Conc: 11.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



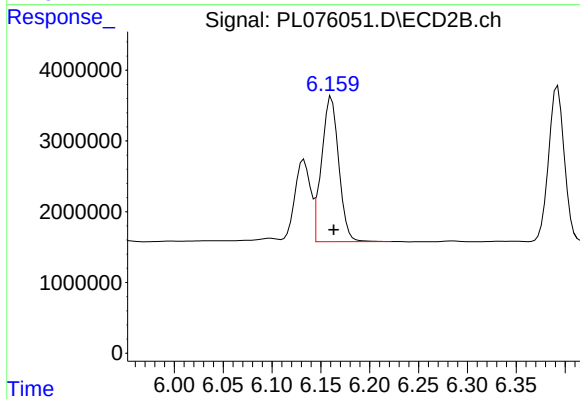
#3 gamma-BHC (Lindane)

R.T.: 5.754 min  
Delta R.T.: -0.002 min  
Response: 26022135  
Conc: 11.26 ng/ml



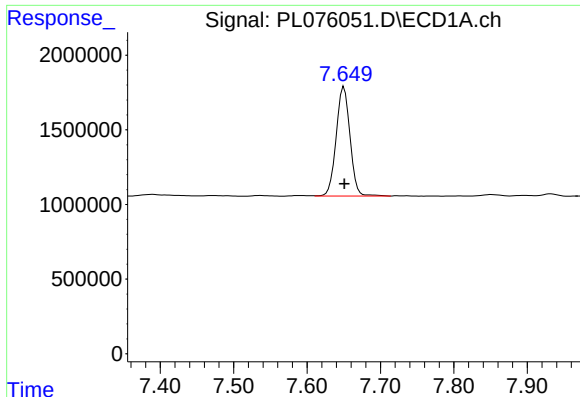
#4 Heptachlor

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 10029358  
Conc: 10.93 ng/ml



#4 Heptachlor

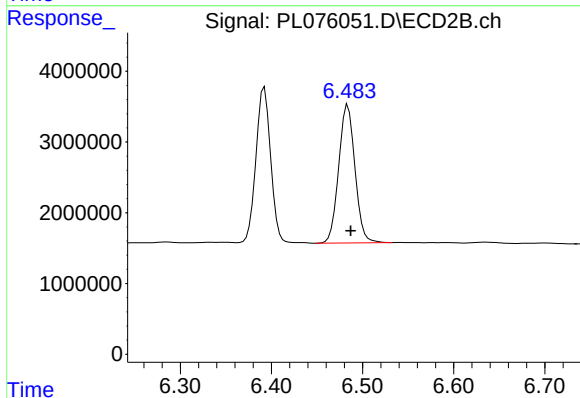
R.T.: 6.161 min  
Delta R.T.: -0.002 min  
Response: 25047547  
Conc: 11.04 ng/ml



#5 Aldrin

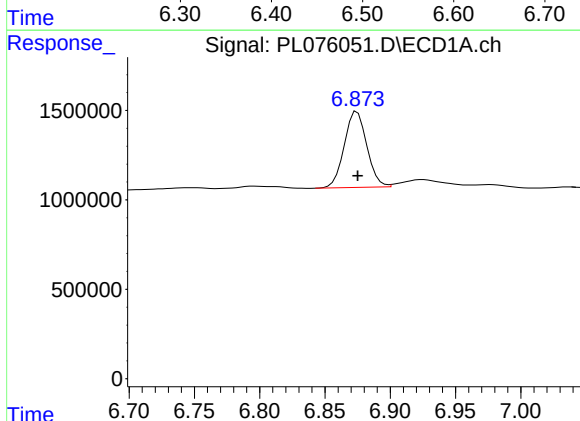
R.T.: 7.650 min  
Delta R.T.: 0.000 min  
Response: 9611134  
Conc: 11.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



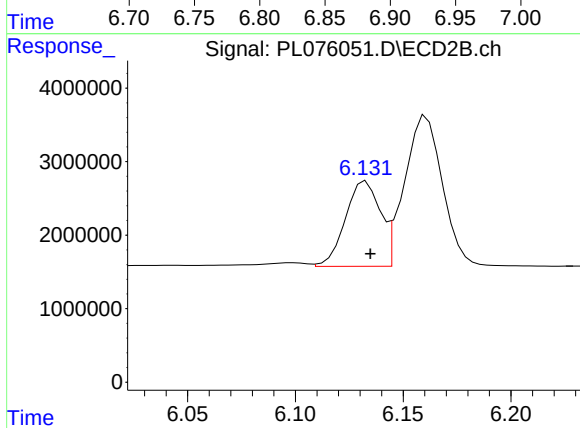
#5 Aldrin

R.T.: 6.484 min  
Delta R.T.: -0.003 min  
Response: 24240836  
Conc: 11.74 ng/ml



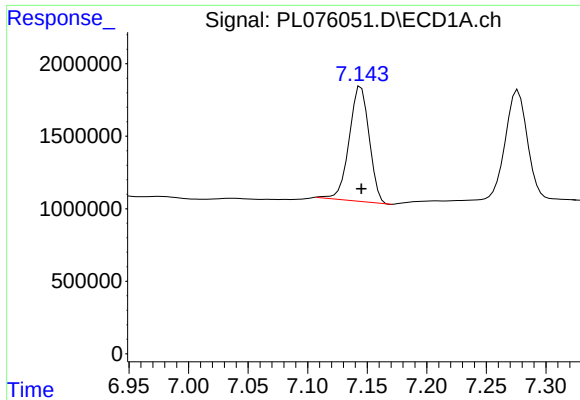
#6 beta-BHC

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 5111974  
Conc: 11.67 ng/ml



#6 beta-BHC

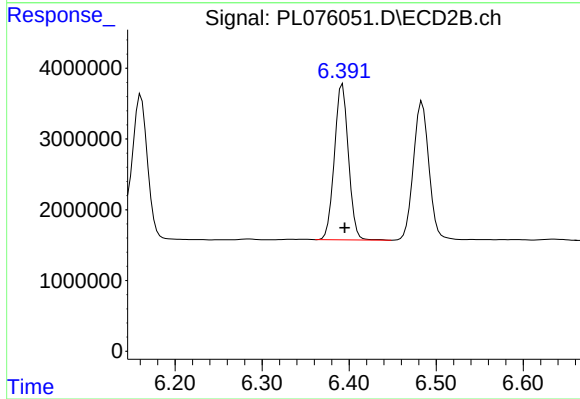
R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 12976235  
Conc: 12.44 ng/ml



#7 delta-BHC

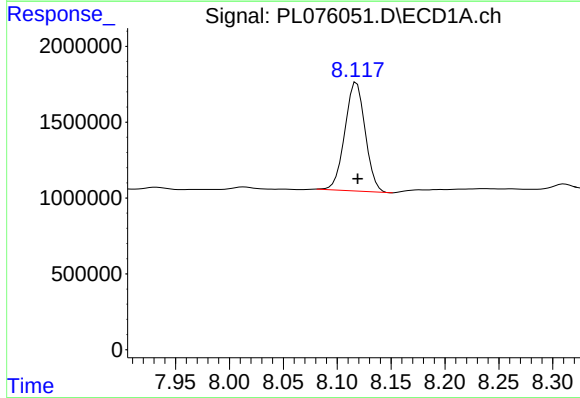
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 9287652  
Conc: 11.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



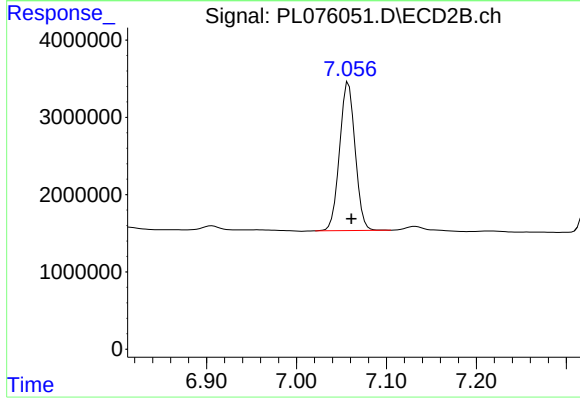
#7 delta-BHC

R.T.: 6.392 min  
Delta R.T.: -0.003 min  
Response: 24704830  
Conc: 10.94 ng/ml



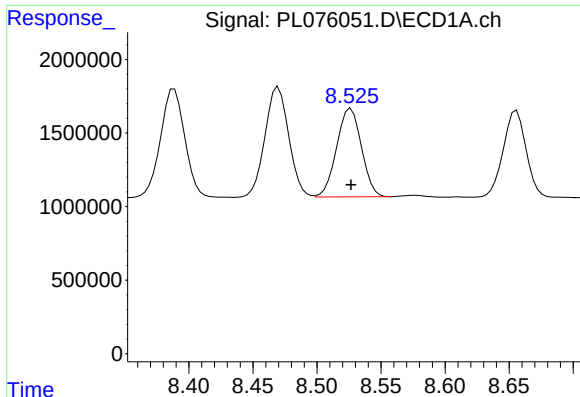
#8 Heptachlor epoxide

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 9418924  
Conc: 11.83 ng/ml



#8 Heptachlor epoxide

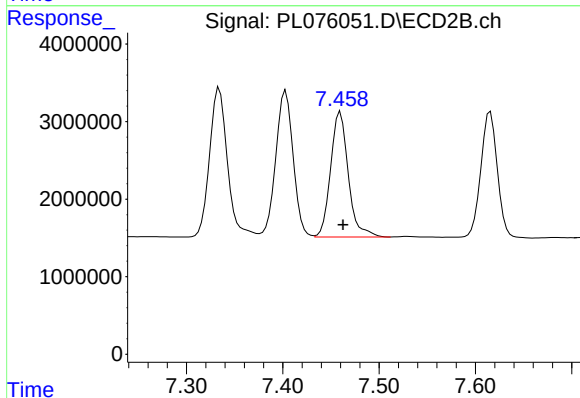
R.T.: 7.058 min  
Delta R.T.: -0.003 min  
Response: 23010649  
Conc: 11.99 ng/ml



#9 Endosulfan I

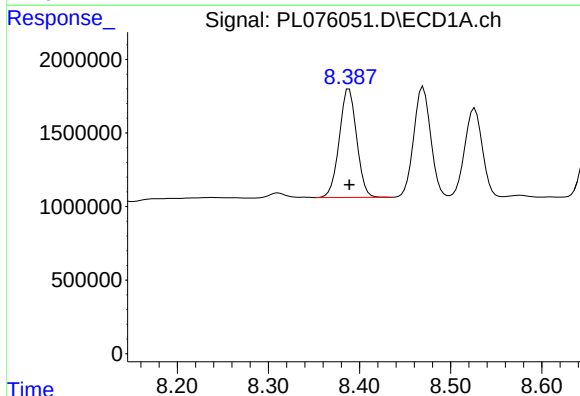
R.T.: 8.526 min  
Delta R.T.: 0.000 min  
Response: 8087181  
Conc: 11.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



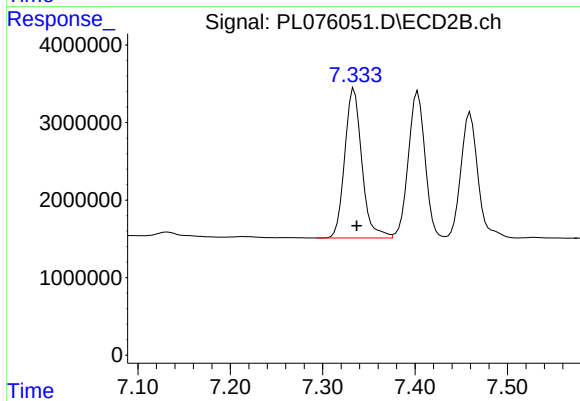
#9 Endosulfan I

R.T.: 7.460 min  
Delta R.T.: -0.003 min  
Response: 20658765  
Conc: 11.77 ng/ml



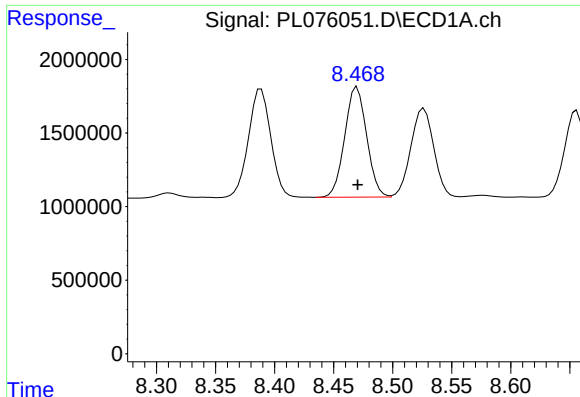
#10 gamma-Chlordane

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 9751715  
Conc: 12.55 ng/ml



#10 gamma-Chlordane

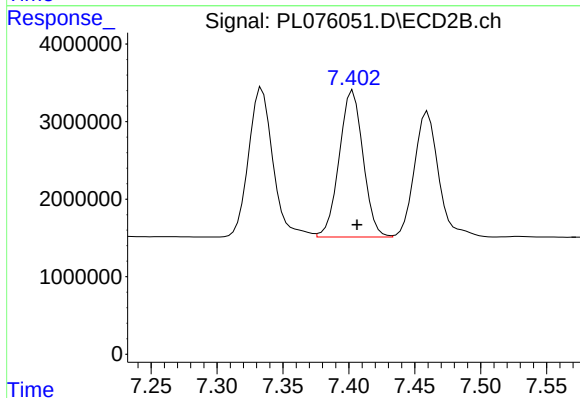
R.T.: 7.334 min  
Delta R.T.: -0.003 min  
Response: 24896250  
Conc: 12.95 ng/ml



#11 alpha-Chlordane

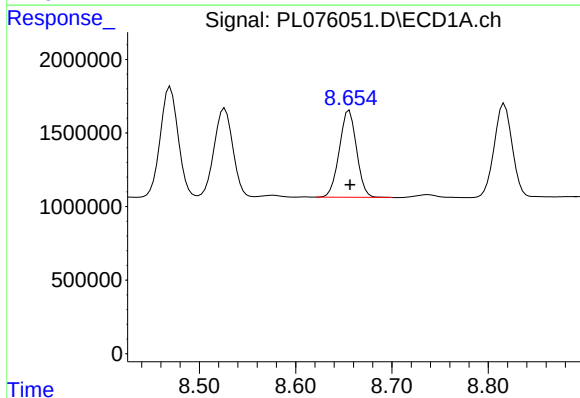
R.T.: 8.470 min  
Delta R.T.: 0.000 min  
Response: 9679468  
Conc: 12.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



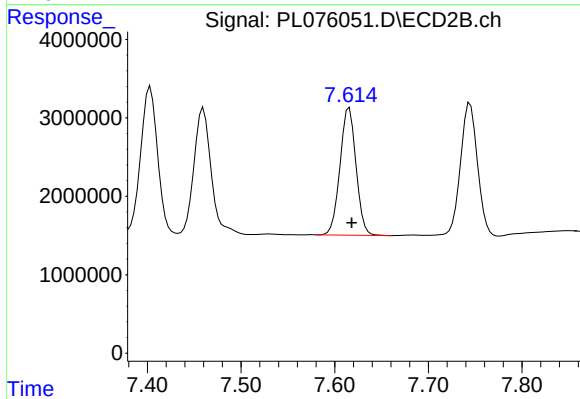
#11 alpha-Chlordane

R.T.: 7.403 min  
Delta R.T.: -0.003 min  
Response: 23779188  
Conc: 12.42 ng/ml



#12 4,4'-DDE

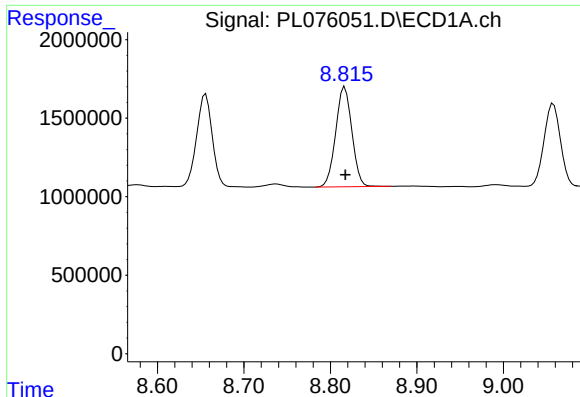
R.T.: 8.656 min  
Delta R.T.: 0.000 min  
Response: 7337443  
Conc: 10.86 ng/ml



#12 4,4'-DDE

R.T.: 7.616 min  
Delta R.T.: -0.002 min  
Response: 19335500  
Conc: 11.39 ng/ml

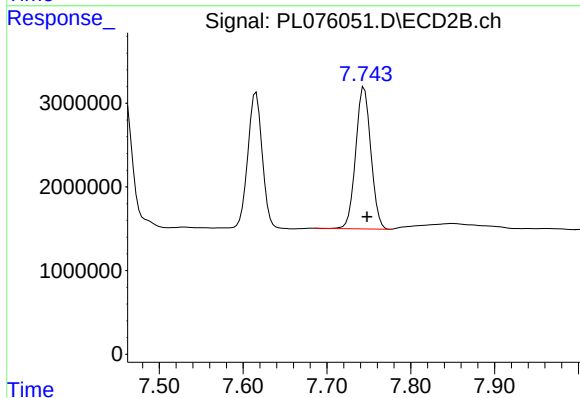




#13 Dieldrin

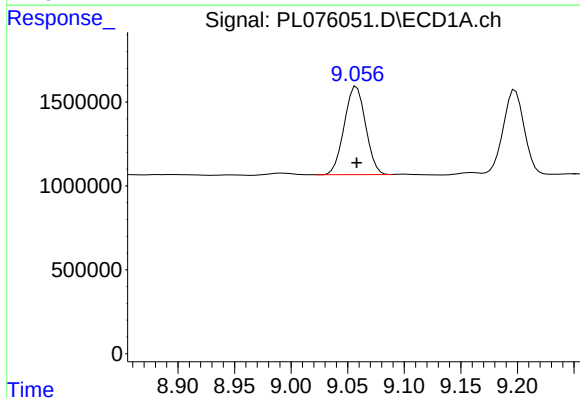
R.T.: 8.817 min  
Delta R.T.: 0.000 min  
Response: 8259422  
Conc: 11.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



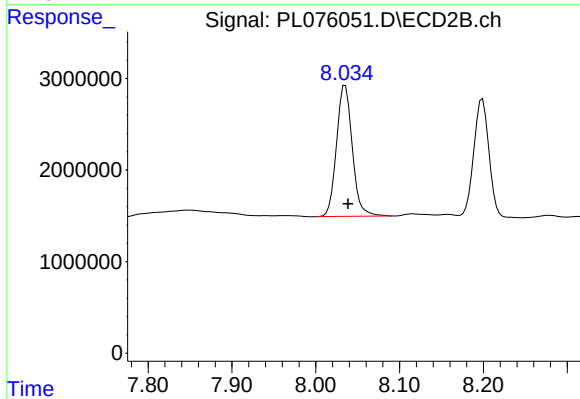
#13 Dieldrin

R.T.: 7.745 min  
Delta R.T.: -0.003 min  
Response: 21307243  
Conc: 11.84 ng/ml



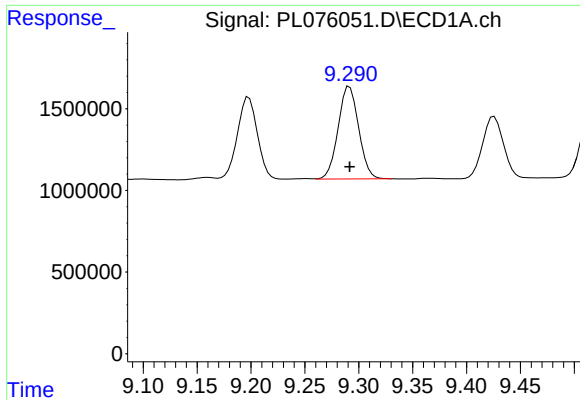
#14 Endrin

R.T.: 9.058 min  
Delta R.T.: 0.000 min  
Response: 6903152  
Conc: 11.07 ng/ml



#14 Endrin

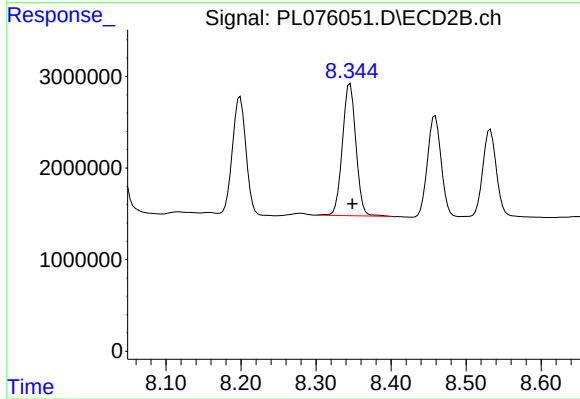
R.T.: 8.035 min  
Delta R.T.: -0.003 min  
Response: 18746544  
Conc: 12.34 ng/ml



#15 Endosulfan II

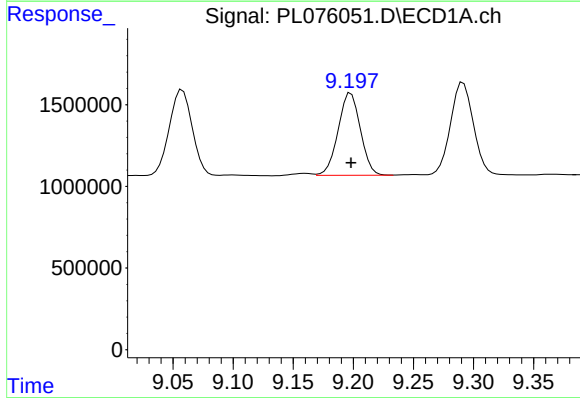
R.T.: 9.291 min  
Delta R.T.: 0.000 min  
Response: 7509018  
Conc: 11.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



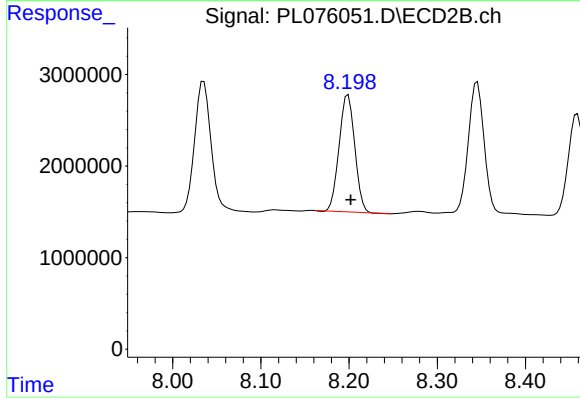
#15 Endosulfan II

R.T.: 8.345 min  
Delta R.T.: -0.003 min  
Response: 18075820  
Conc: 11.96 ng/ml



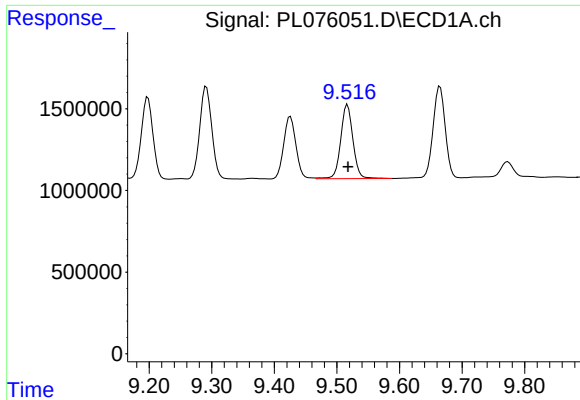
#16 4,4'-DDD

R.T.: 9.198 min  
Delta R.T.: 0.000 min  
Response: 6508858  
Conc: 11.48 ng/ml



#16 4,4'-DDD

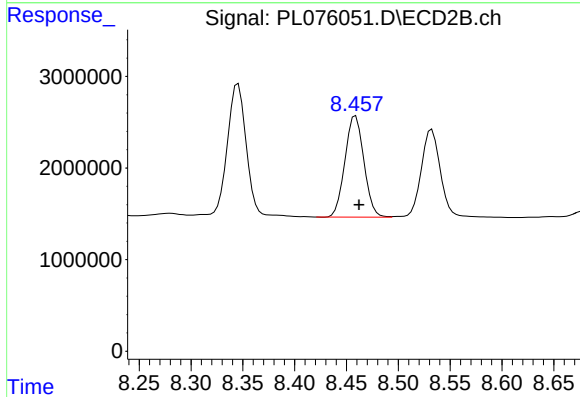
R.T.: 8.199 min  
Delta R.T.: -0.003 min  
Response: 15769980  
Conc: 11.37 ng/ml



#17 4,4'-DDT

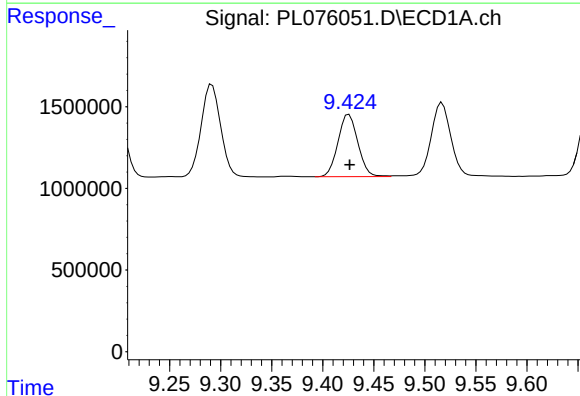
R.T.: 9.517 min  
Delta R.T.: 0.000 min  
Response: 6149574  
Conc: 10.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



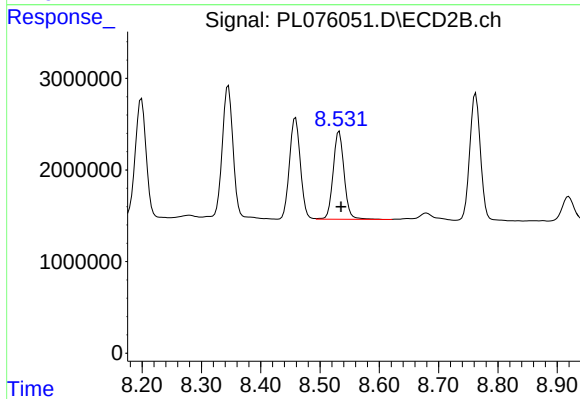
#17 4,4'-DDT

R.T.: 8.459 min  
Delta R.T.: -0.003 min  
Response: 14081327  
Conc: 9.52 ng/ml



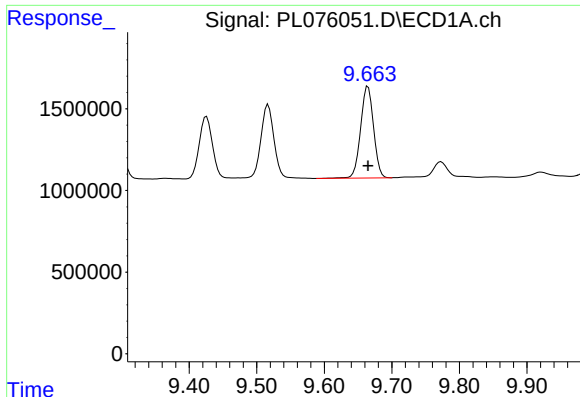
#18 Endrin aldehyde

R.T.: 9.426 min  
Delta R.T.: 0.000 min  
Response: 5188030  
Conc: 10.04 ng/ml



#18 Endrin aldehyde

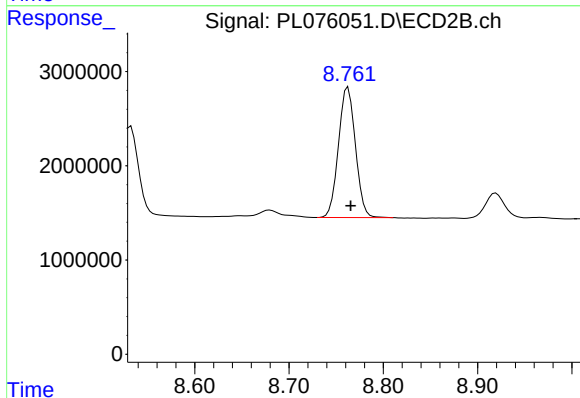
R.T.: 8.532 min  
Delta R.T.: -0.003 min  
Response: 12336965  
Conc: 10.33 ng/ml



#19 Endosulfan Sulfate

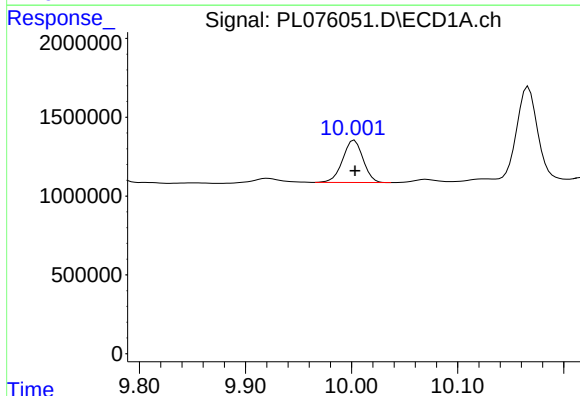
R.T.: 9.665 min  
Delta R.T.: 0.000 min  
Response: 7485161  
Conc: 11.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



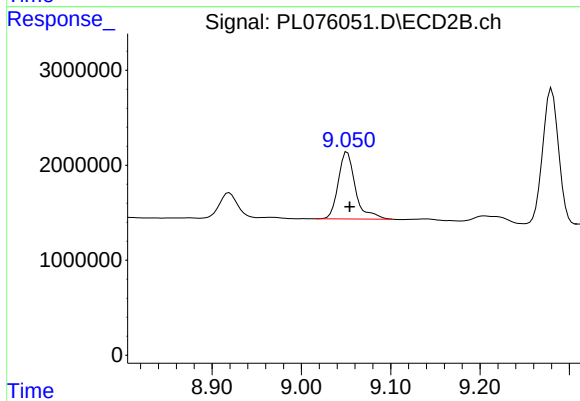
#19 Endosulfan Sulfate

R.T.: 8.763 min  
Delta R.T.: -0.003 min  
Response: 17282616  
Conc: 11.26 ng/ml



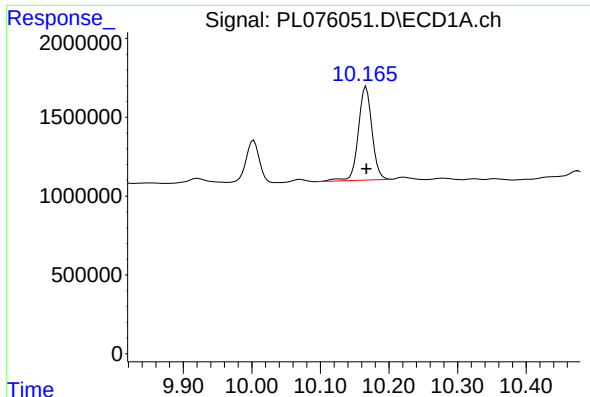
#20 Methoxychlor

R.T.: 10.003 min  
Delta R.T.: 0.000 min  
Response: 3582140  
Conc: 10.44 ng/ml



#20 Methoxychlor

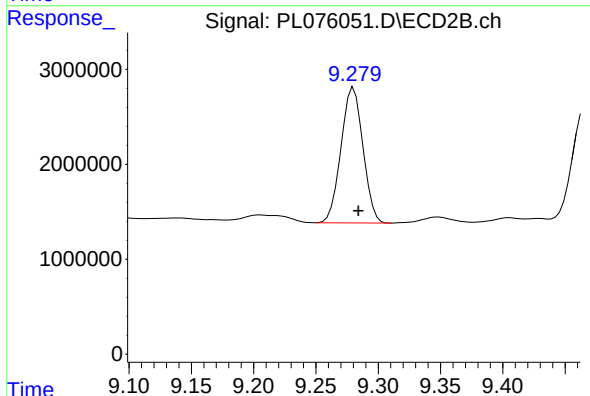
R.T.: 9.051 min  
Delta R.T.: -0.003 min  
Response: 9403425  
Conc: 11.04 ng/ml



#21 Endrin ketone

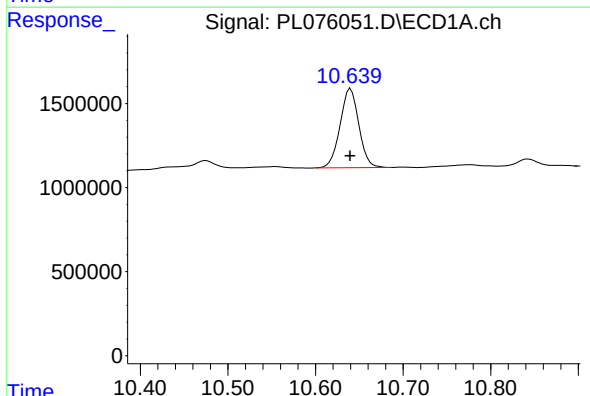
R.T.: 10.167 min  
Delta R.T.: 0.000 min  
Response: 8214459  
Conc: 11.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



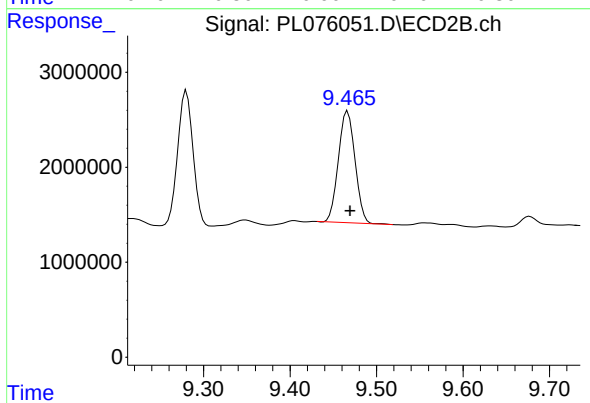
#21 Endrin ketone

R.T.: 9.280 min  
Delta R.T.: -0.004 min  
Response: 17528312  
Conc: 10.61 ng/ml



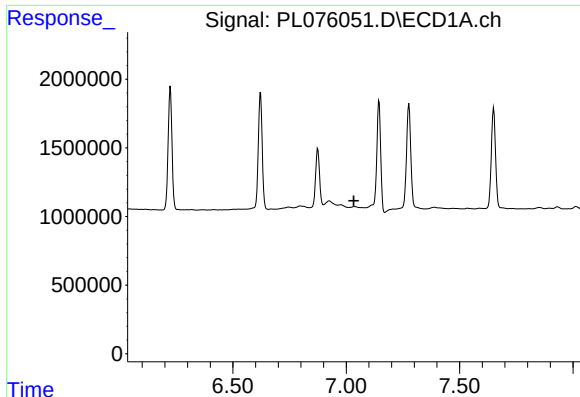
#22 Mirex

R.T.: 10.640 min  
Delta R.T.: 0.000 min  
Response: 7000718  
Conc: 13.02 ng/ml



#22 Mirex

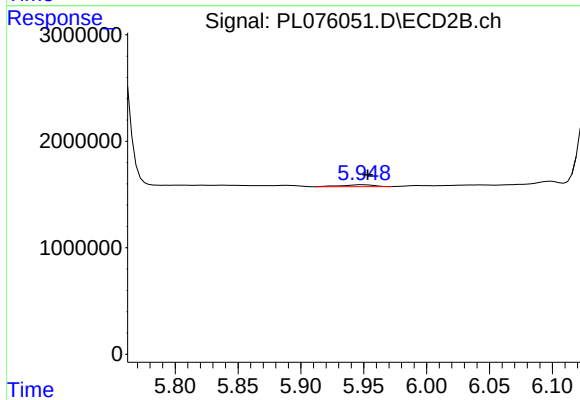
R.T.: 9.467 min  
Delta R.T.: -0.003 min  
Response: 15611348  
Conc: 11.67 ng/ml



#23 Chlordane-1

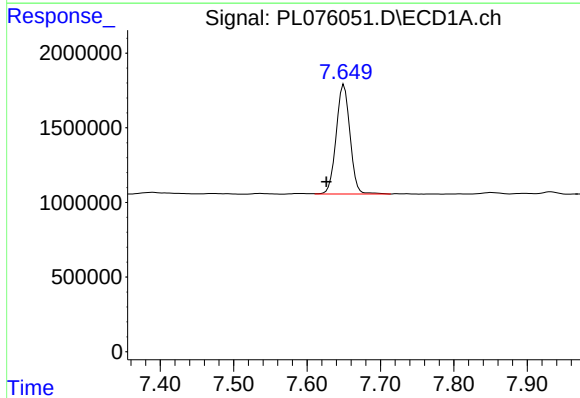
R.T.: 0.000 min  
Exp R.T.: 7.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



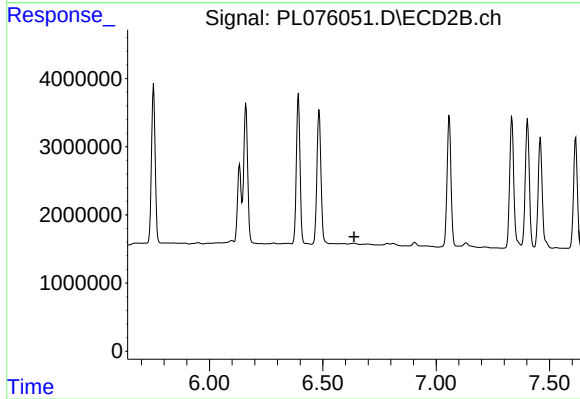
#23 Chlordane-1

R.T.: 5.950 min  
Delta R.T.: -0.004 min  
Response: 323216  
Conc: 5.77 ng/ml



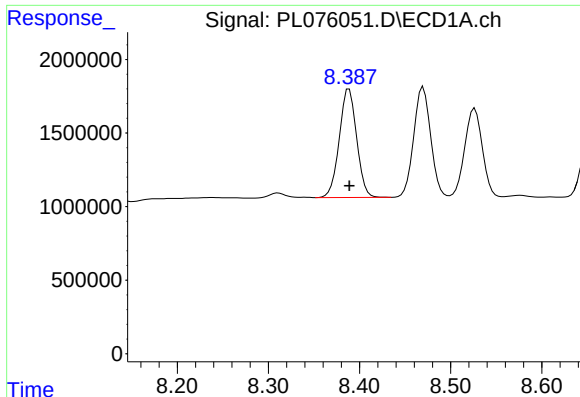
#24 Chlordane-2

R.T.: 7.650 min  
Delta R.T.: 0.024 min  
Response: 961134  
Conc: 316.83 ng/ml



#24 Chlordane-2

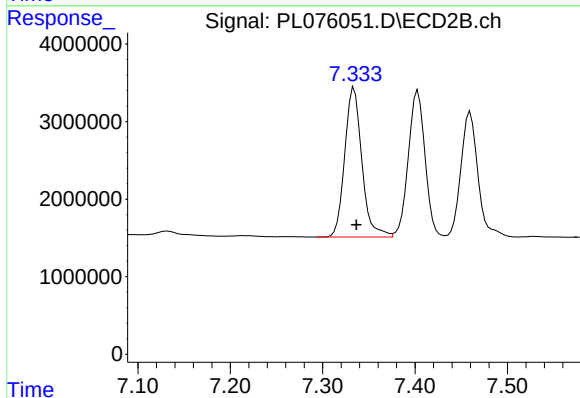
R.T.: 0.000 min  
Exp R.T.: 6.639 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

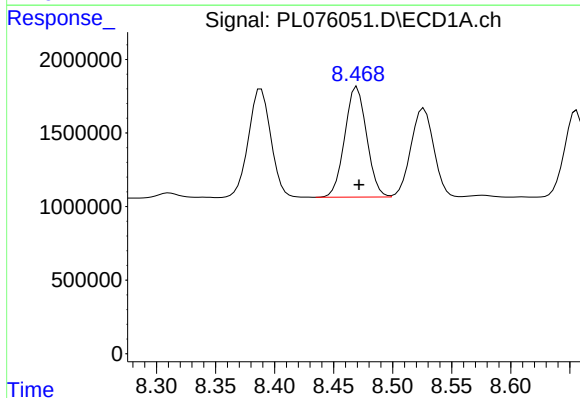
R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 9751715  
Conc: 95.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



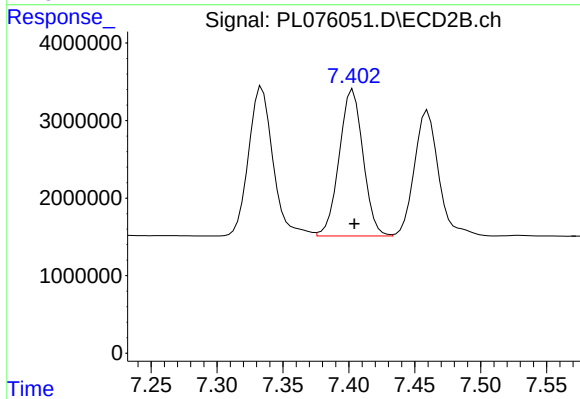
#25 Chlordane-3

R.T.: 7.334 min  
Delta R.T.: -0.003 min  
Response: 24896250  
Conc: 141.16 ng/ml



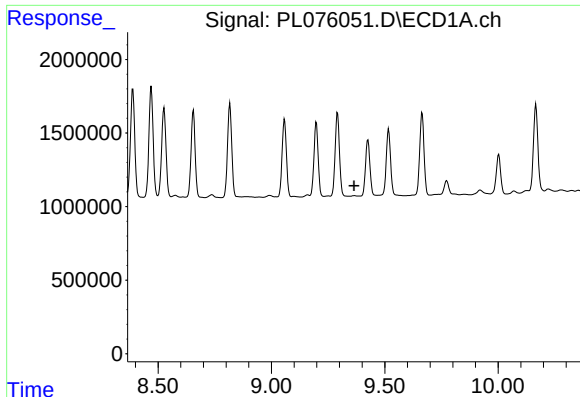
#26 Chlordane-4

R.T.: 8.470 min  
Delta R.T.: -0.002 min  
Response: 9679468  
Conc: 77.75 ng/ml



#26 Chlordane-4

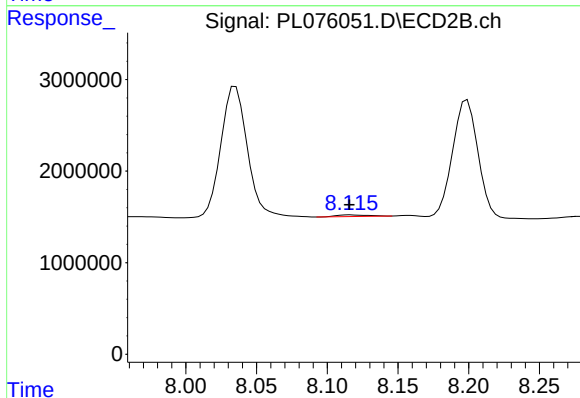
R.T.: 7.403 min  
Delta R.T.: -0.001 min  
Response: 23779188  
Conc: 126.14 ng/ml



#27 Chlordane-5

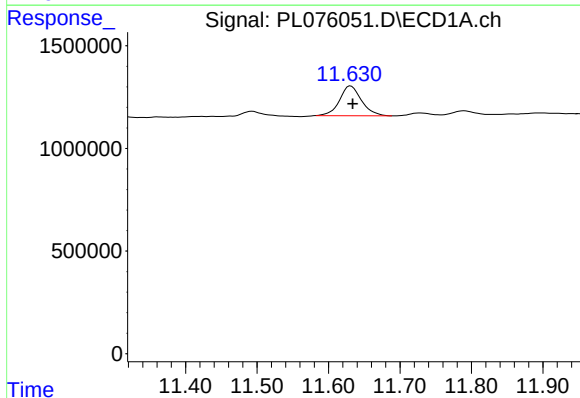
R.T.: 0.000 min  
Exp R.T.: 9.365 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



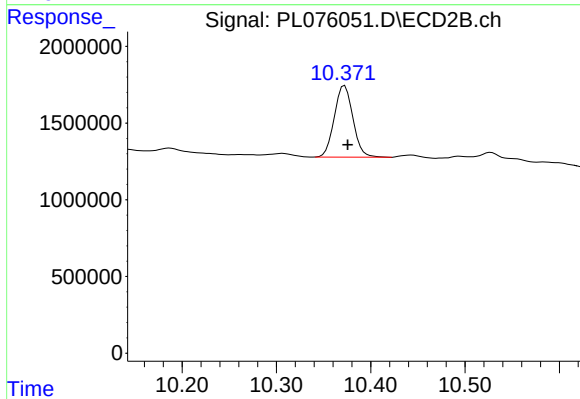
#27 Chlordane-5

R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: 271770  
Conc: 5.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.631 min  
Delta R.T.: -0.003 min  
Response: 3100379  
Conc: 4.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.372 min  
Delta R.T.: -0.003 min  
Response: 6398800  
Conc: 4.17 ng/ml