

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062922\  
 Data File : PL076108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2022 15:11  
 Operator : AR\AJ  
 Sample : N3214-02  
 Misc : PEST LOQ 5 PPB  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 30 00:15:50 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  | 4.632  | 14701570 | 34944135 | 19.438  | 18.425   |
| 2)                          | SA Decachlor... | 11.632 | 10.371 | 13489540 | 29968567 | 21.437  | 19.512   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 6.225  | 5.333  | 4532118  | 10768242 | 4.588   | 4.406    |
| 3)                          | MA gamma-BHC... | 6.623  | 5.753  | 4413369  | 11377059 | 4.767   | 4.921    |
| 4)                          | MA Heptachlor   | 7.277  | 6.160  | 5134300  | 11914555 | 5.597   | 5.252    |
| 5)                          | MB Aldrin       | 7.651  | 6.484  | 4374112  | 10434088 | 5.270   | 5.054    |
| 6)                          | B beta-BHC      | 6.876  | 6.133  | 2404910  | 5854601  | 5.491   | 5.613    |
| 7)                          | B delta-BHC     | 7.145  | 6.392  | 4074891  | 10861046 | 5.219   | 4.808    |
| 8)                          | B Heptachlo...  | 8.119  | 7.057  | 4762931  | 10594328 | 5.982   | 5.522    |
| 9)                          | A Endosulfan I  | 8.527  | 7.459  | 4004003  | 9568076  | 5.539   | 5.449    |
| 10)                         | B gamma-Chl...  | 8.389  | 7.333  | 4376899  | 10492000 | 5.631   | 5.458    |
| 11)                         | B alpha-Chl...  | 8.470  | 7.402  | 4305088  | 10565484 | 5.544   | 5.520    |
| 12)                         | B 4,4'-DDE      | 8.656  | 7.614  | 3477628  | 8596495  | 5.145   | 5.065    |
| 13)                         | MA Dieldrin     | 8.817  | 7.744  | 3900419  | 9654521  | 5.313   | 5.365    |
| 14)                         | MA Endrin       | 9.058  | 8.035  | 3235579  | 8606170  | 5.189   | 5.663    |
| 15)                         | B Endosulfa...  | 9.292  | 8.344  | 3673635  | 8344103  | 5.790   | 5.520    |
| 16)                         | A 4,4'-DDD      | 9.197  | 8.198  | 3031219  | 7203784  | 5.346   | 5.194    |
| 17)                         | MA 4,4'-DDT     | 9.517  | 8.458  | 3395928  | 7465947  | 5.563   | 5.048    |
| 18)                         | B Endrin al...  | 9.426  | 8.531  | 2880780  | 6600315  | 5.577   | 5.529    |
| 19)                         | B Endosulfa...  | 9.665  | 8.762  | 3675367  | 8745677  | 5.733   | 5.700    |
| 20)                         | A Methoxychlor  | 10.002 | 9.050  | 2025035  | 4691961  | 5.904   | 5.510    |
| 21)                         | B Endrin ke...  | 10.167 | 9.279  | 4559186  | 8806133  | 6.325   | 5.330    |
| 22)                         | Mirex           | 10.638 | 9.465  | 3468604  | 8204680  | 6.449   | 6.131    |
| 24)                         | Chlordane-2     | 7.651f | 0.000  | 4374112  | 0        | 144.193 | N.D. #   |
| 25)                         | Chlordane-3     | 8.389  | 7.333  | 4376899  | 10492000 | 43.041  | 59.491 # |
| 26)                         | Chlordane-4     | 8.470  | 7.402  | 4305088  | 10565484 | 34.579  | 56.045 # |
| -----                       |                 |        |        |          |          |         |          |

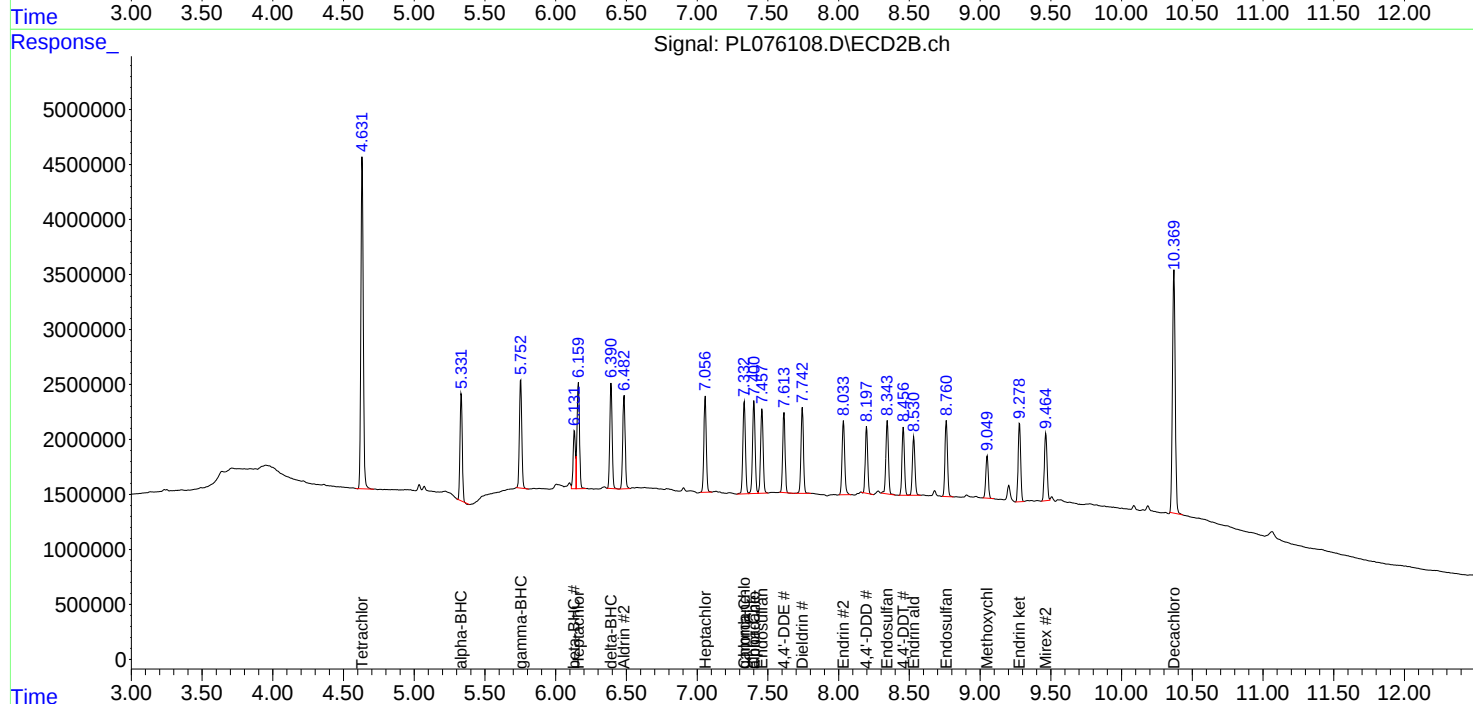
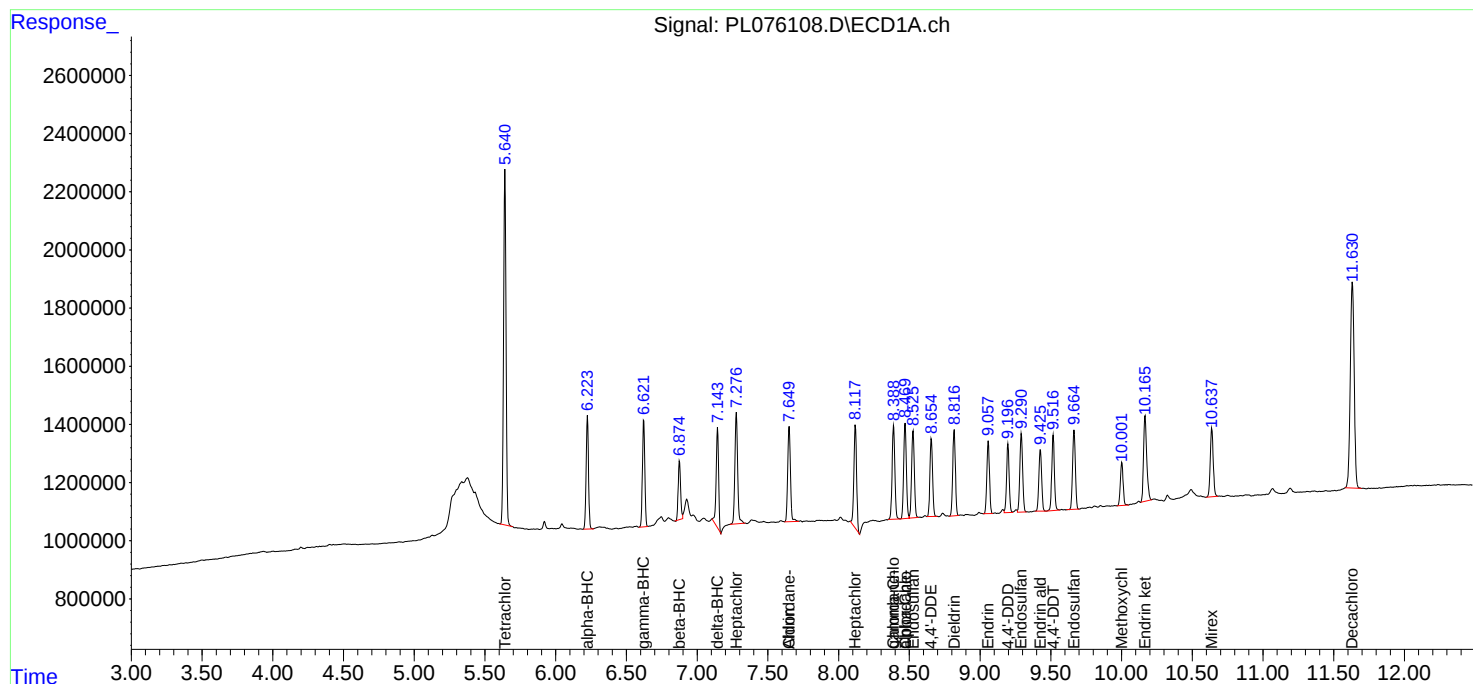
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

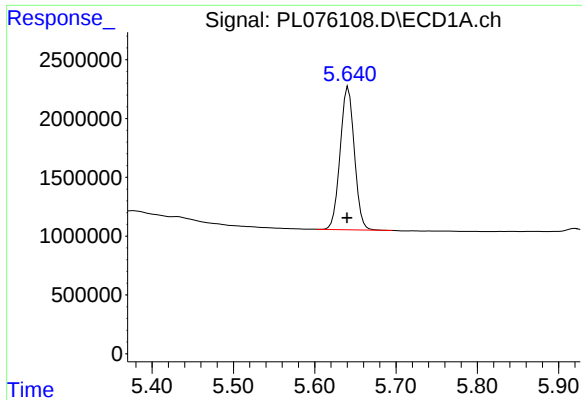
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062922\  
Data File : PL076108.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2022 15:11  
Operator : AR\AJ  
Sample : N3214-02  
Misc : PEST LOQ 5 PPB  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 30 00:15:50 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 24 02:17:51 2022  
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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

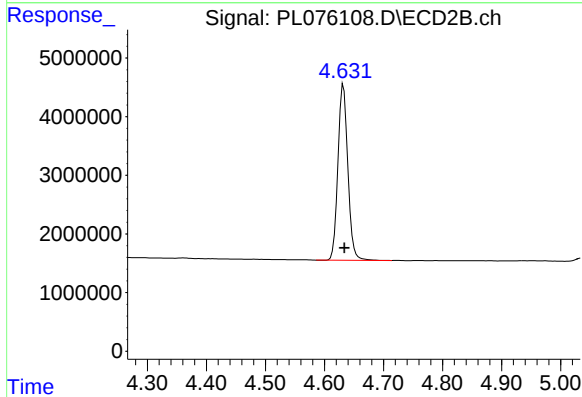




#1 Tetrachloro-m-xylene

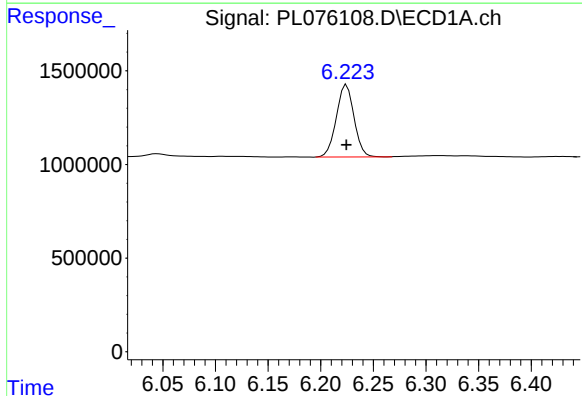
R.T.: 5.641 min  
Delta R.T.: 0.001 min  
Response: 14701570  
Conc: 19.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



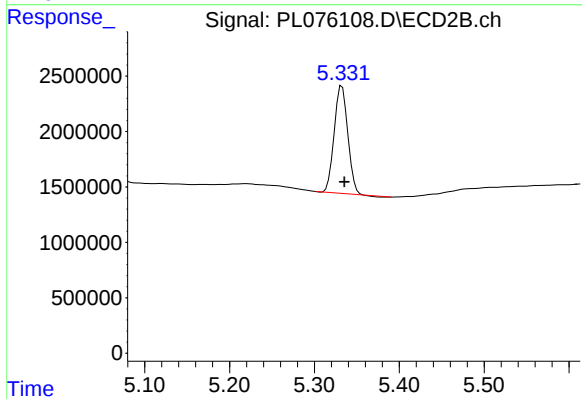
#1 Tetrachloro-m-xylene

R.T.: 4.632 min  
Delta R.T.: -0.002 min  
Response: 34944135  
Conc: 18.42 ng/ml



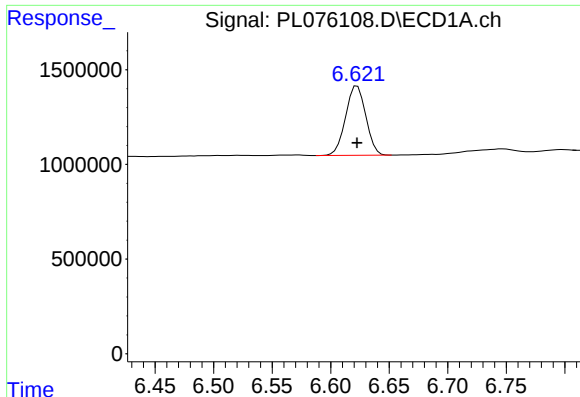
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 4532118  
Conc: 4.59 ng/ml



#2 alpha-BHC

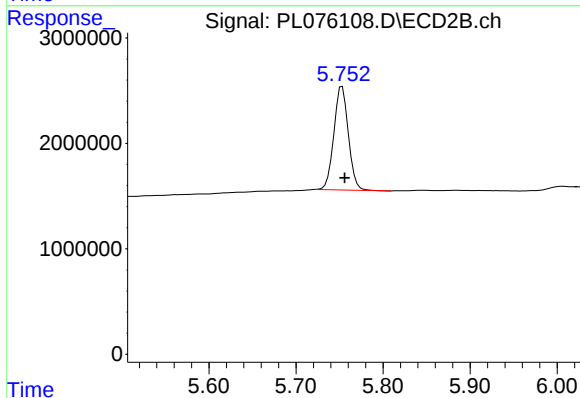
R.T.: 5.333 min  
Delta R.T.: -0.003 min  
Response: 10768242  
Conc: 4.41 ng/ml



#3 gamma-BHC (Lindane)

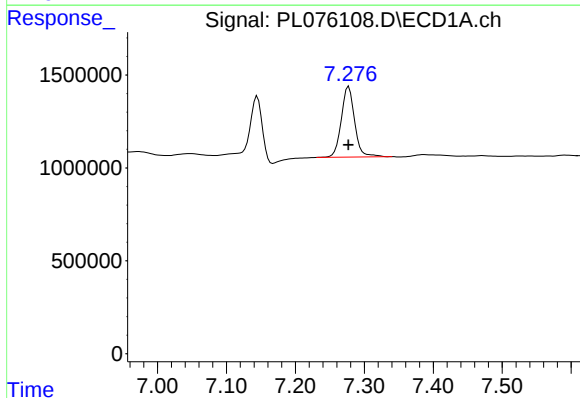
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 4413369  
Conc: 4.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



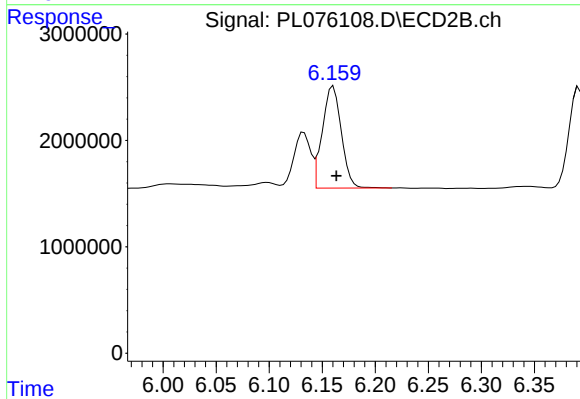
#3 gamma-BHC (Lindane)

R.T.: 5.753 min  
Delta R.T.: -0.003 min  
Response: 11377059  
Conc: 4.92 ng/ml



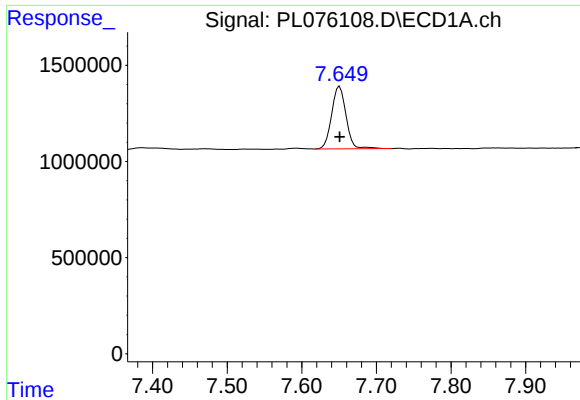
#4 Heptachlor

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 5134300  
Conc: 5.60 ng/ml



#4 Heptachlor

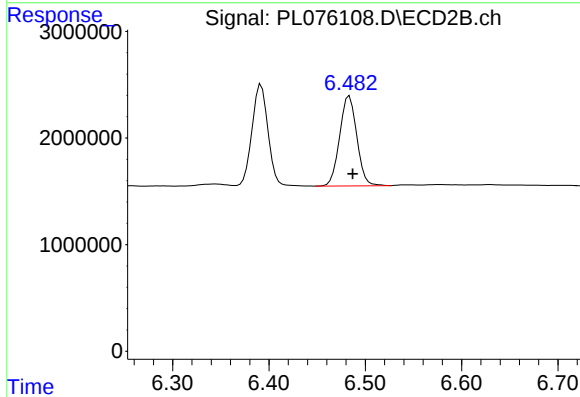
R.T.: 6.160 min  
Delta R.T.: -0.003 min  
Response: 11914555  
Conc: 5.25 ng/ml



#5 Aldrin

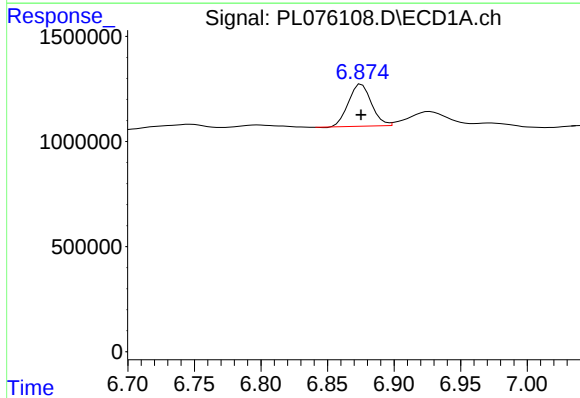
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 4374112  
Conc: 5.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



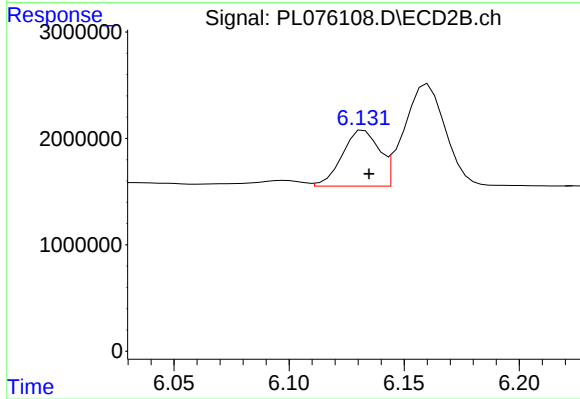
#5 Aldrin

R.T.: 6.484 min  
Delta R.T.: -0.003 min  
Response: 10434088  
Conc: 5.05 ng/ml



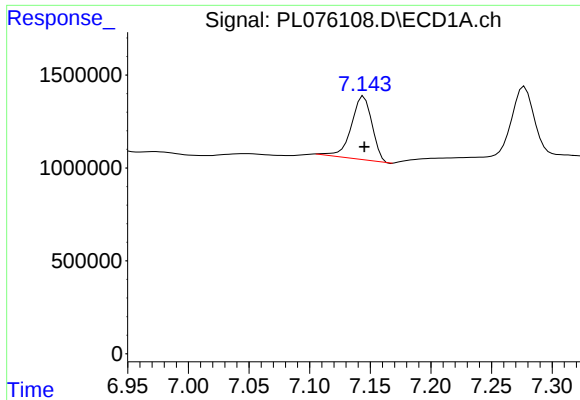
#6 beta-BHC

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 2404910  
Conc: 5.49 ng/ml



#6 beta-BHC

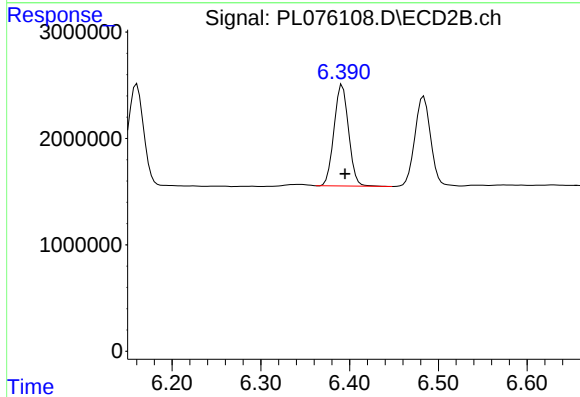
R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 5854601  
Conc: 5.61 ng/ml



#7 delta-BHC

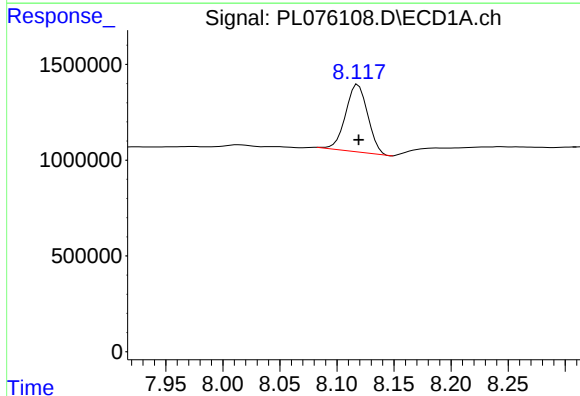
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 4074891  
Conc: 5.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



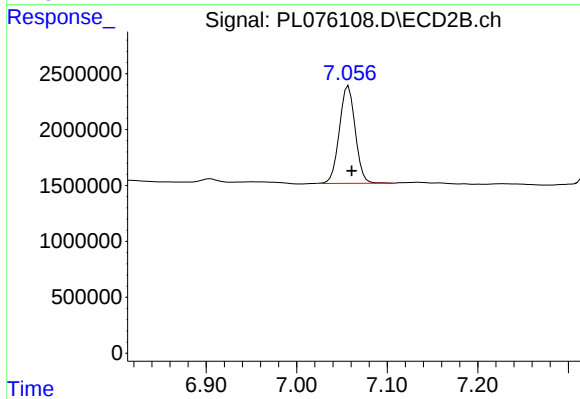
#7 delta-BHC

R.T.: 6.392 min  
Delta R.T.: -0.003 min  
Response: 10861046  
Conc: 4.81 ng/ml



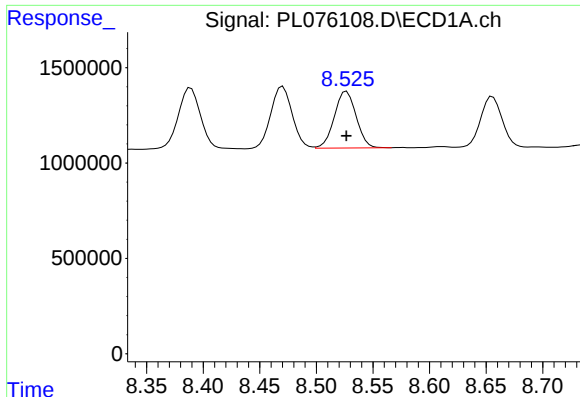
#8 Heptachlor epoxide

R.T.: 8.119 min  
Delta R.T.: 0.000 min  
Response: 4762931  
Conc: 5.98 ng/ml



#8 Heptachlor epoxide

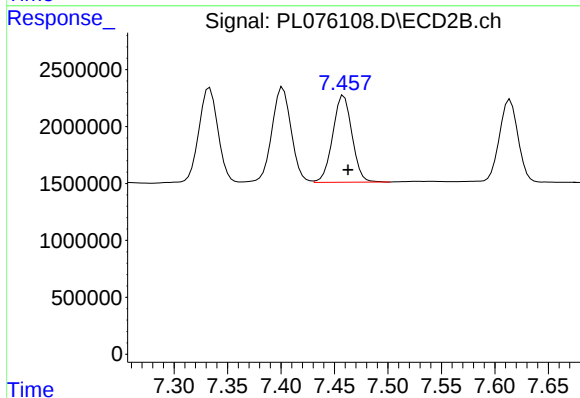
R.T.: 7.057 min  
Delta R.T.: -0.004 min  
Response: 10594328  
Conc: 5.52 ng/ml



#9 Endosulfan I

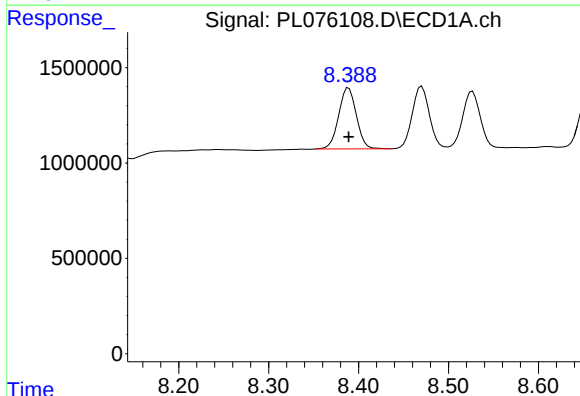
R.T.: 8.527 min  
Delta R.T.: 0.000 min  
Response: 4004003  
Conc: 5.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



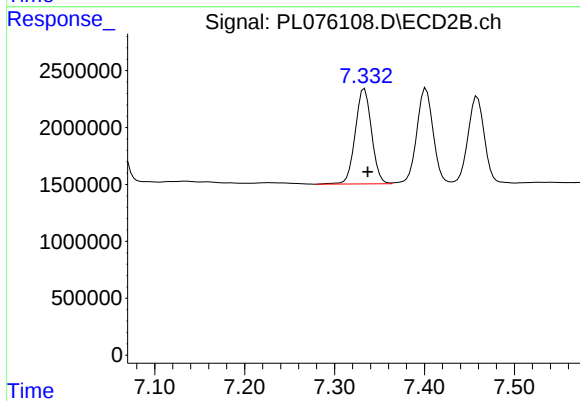
#9 Endosulfan I

R.T.: 7.459 min  
Delta R.T.: -0.004 min  
Response: 9568076  
Conc: 5.45 ng/ml



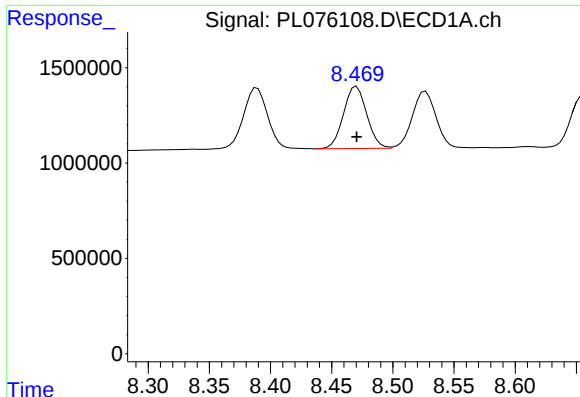
#10 gamma-Chlordane

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 4376899  
Conc: 5.63 ng/ml



#10 gamma-Chlordane

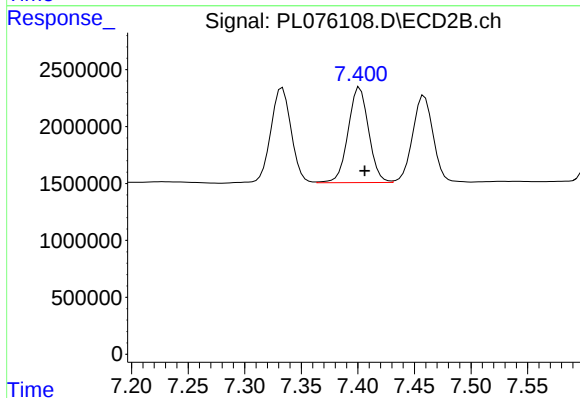
R.T.: 7.333 min  
Delta R.T.: -0.004 min  
Response: 10492000  
Conc: 5.46 ng/ml



#11 alpha-Chlordane

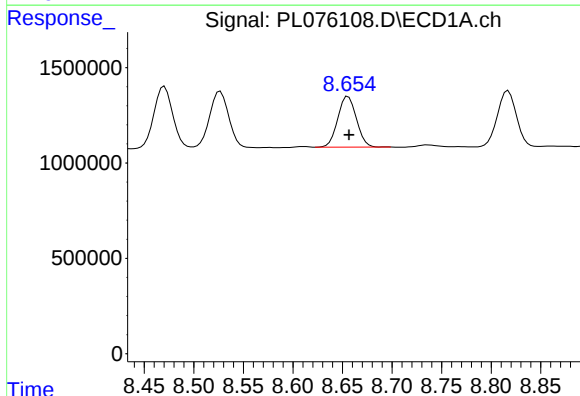
R.T.: 8.470 min  
Delta R.T.: 0.000 min  
Response: 4305088  
Conc: 5.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



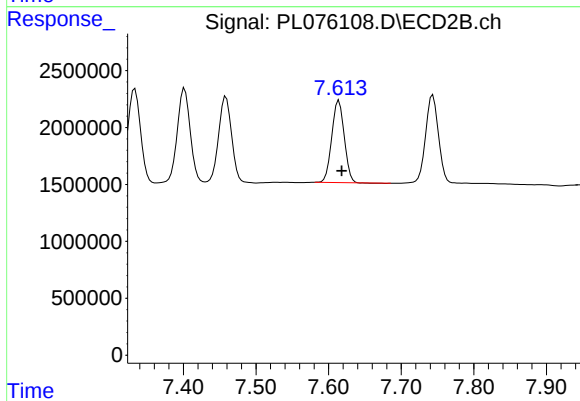
#11 alpha-Chlordane

R.T.: 7.402 min  
Delta R.T.: -0.004 min  
Response: 10565484  
Conc: 5.52 ng/ml



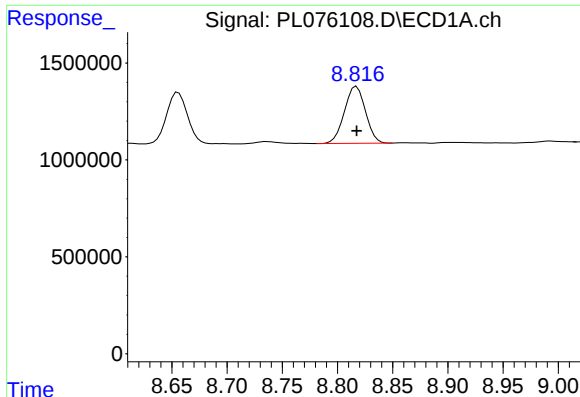
#12 4,4'-DDE

R.T.: 8.656 min  
Delta R.T.: 0.000 min  
Response: 3477628  
Conc: 5.15 ng/ml



#12 4,4'-DDE

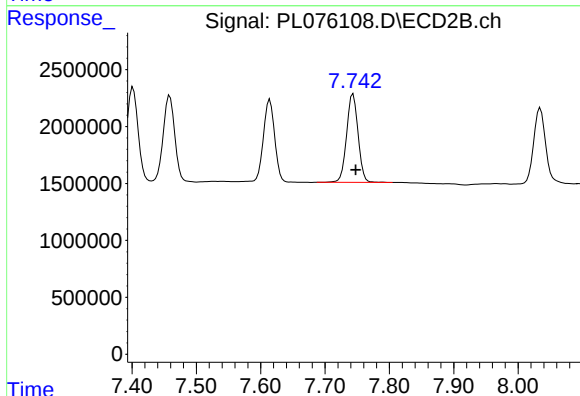
R.T.: 7.614 min  
Delta R.T.: -0.004 min  
Response: 8596495  
Conc: 5.06 ng/ml



#13 Dieldrin

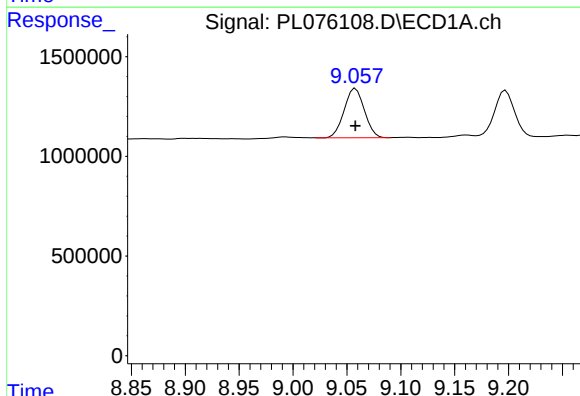
R.T.: 8.817 min  
Delta R.T.: 0.000 min  
Response: 3900419  
Conc: 5.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



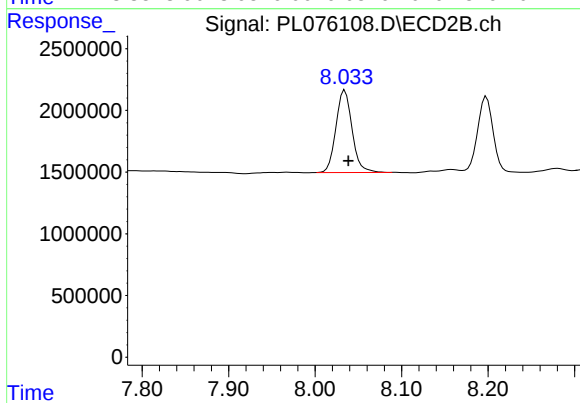
#13 Dieldrin

R.T.: 7.744 min  
Delta R.T.: -0.004 min  
Response: 9654521  
Conc: 5.37 ng/ml



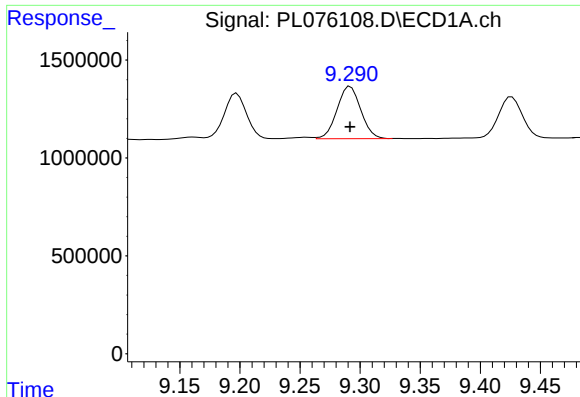
#14 Endrin

R.T.: 9.058 min  
Delta R.T.: 0.000 min  
Response: 3235579  
Conc: 5.19 ng/ml



#14 Endrin

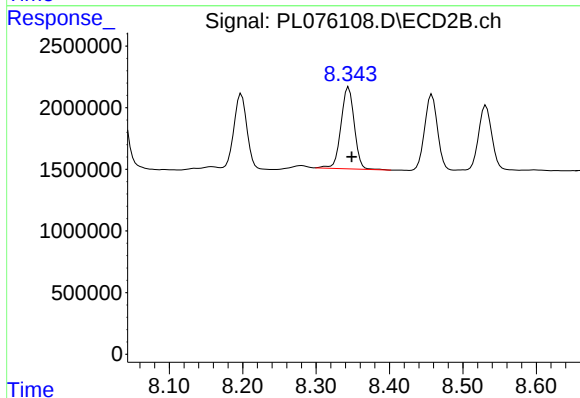
R.T.: 8.035 min  
Delta R.T.: -0.004 min  
Response: 8606170  
Conc: 5.66 ng/ml



#15 Endosulfan II

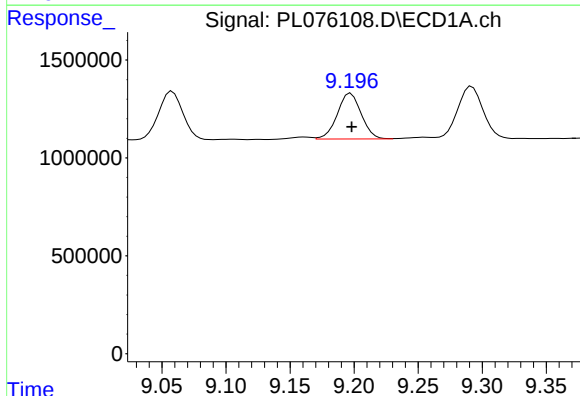
R.T.: 9.292 min  
Delta R.T.: 0.000 min  
Response: 3673635  
Conc: 5.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



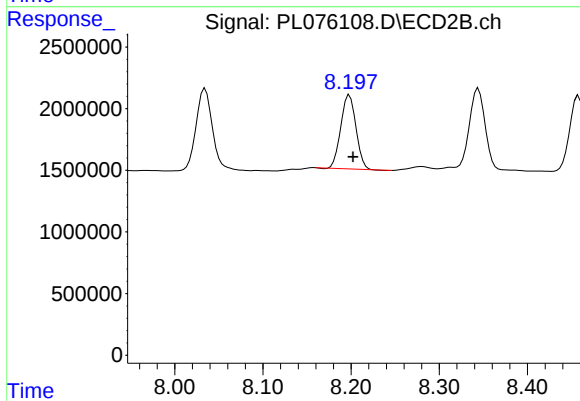
#15 Endosulfan II

R.T.: 8.344 min  
Delta R.T.: -0.004 min  
Response: 8344103  
Conc: 5.52 ng/ml



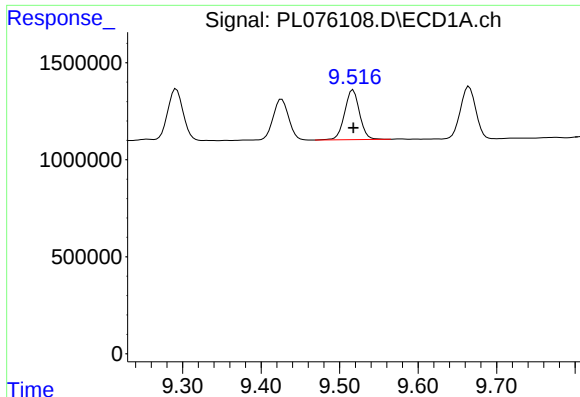
#16 4,4'-DDD

R.T.: 9.197 min  
Delta R.T.: 0.000 min  
Response: 3031219  
Conc: 5.35 ng/ml



#16 4,4'-DDD

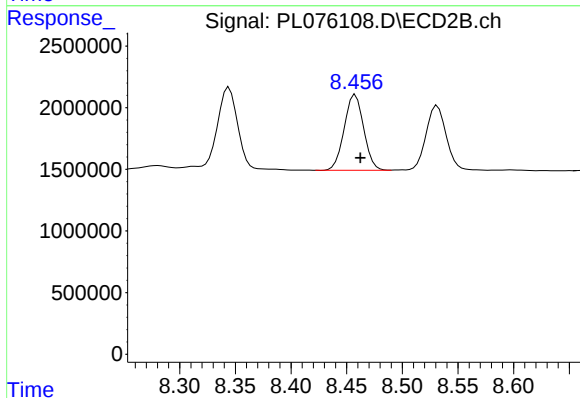
R.T.: 8.198 min  
Delta R.T.: -0.004 min  
Response: 7203784  
Conc: 5.19 ng/ml



#17 4,4'-DDT

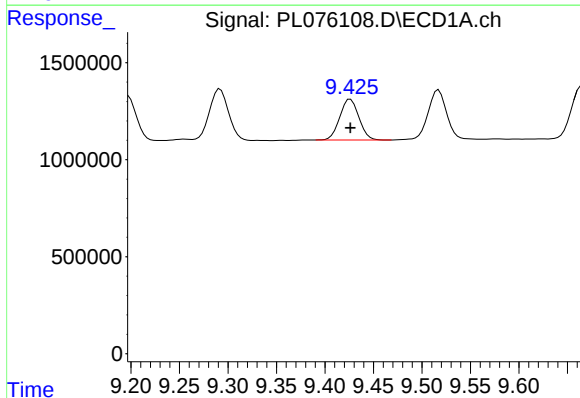
R.T.: 9.517 min  
Delta R.T.: 0.000 min  
Response: 3395928  
Conc: 5.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



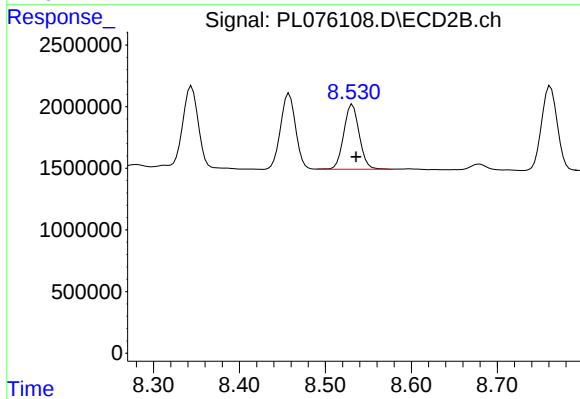
#17 4,4'-DDT

R.T.: 8.458 min  
Delta R.T.: -0.004 min  
Response: 7465947  
Conc: 5.05 ng/ml



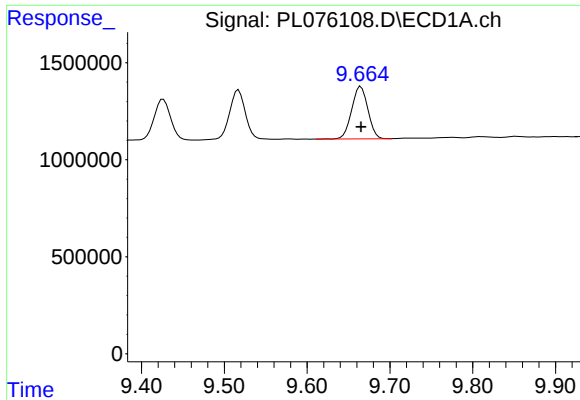
#18 Endrin aldehyde

R.T.: 9.426 min  
Delta R.T.: 0.000 min  
Response: 2880780  
Conc: 5.58 ng/ml



#18 Endrin aldehyde

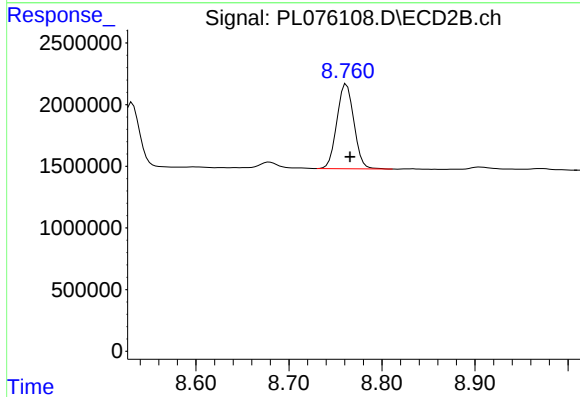
R.T.: 8.531 min  
Delta R.T.: -0.004 min  
Response: 6600315  
Conc: 5.53 ng/ml



#19 Endosulfan Sulfate

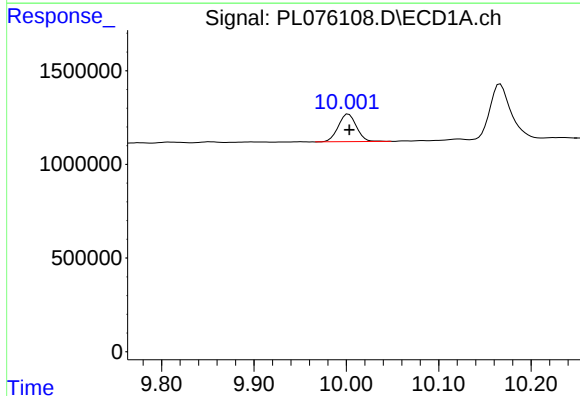
R.T.: 9.665 min  
Delta R.T.: 0.000 min  
Response: 3675367  
Conc: 5.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



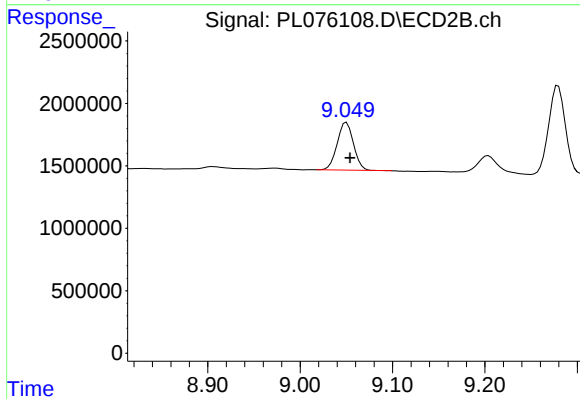
#19 Endosulfan Sulfate

R.T.: 8.762 min  
Delta R.T.: -0.004 min  
Response: 8745677  
Conc: 5.70 ng/ml



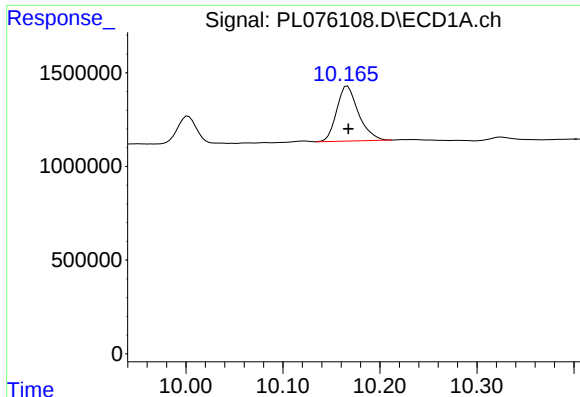
#20 Methoxychlor

R.T.: 10.002 min  
Delta R.T.: 0.000 min  
Response: 2025035  
Conc: 5.90 ng/ml



#20 Methoxychlor

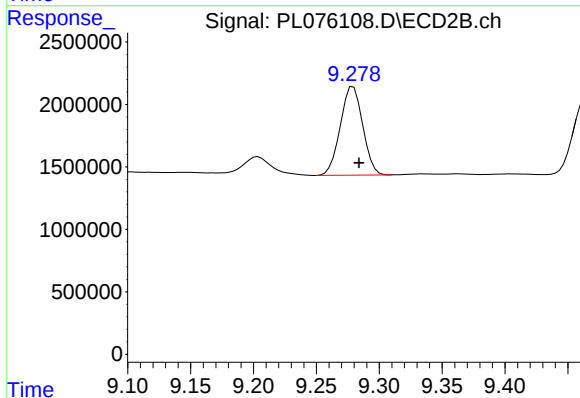
R.T.: 9.050 min  
Delta R.T.: -0.004 min  
Response: 4691961  
Conc: 5.51 ng/ml



#21 Endrin ketone

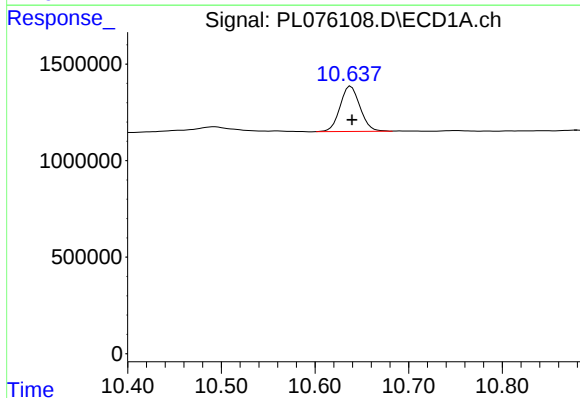
R.T.: 10.167 min  
Delta R.T.: 0.000 min  
Response: 4559186  
Conc: 6.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



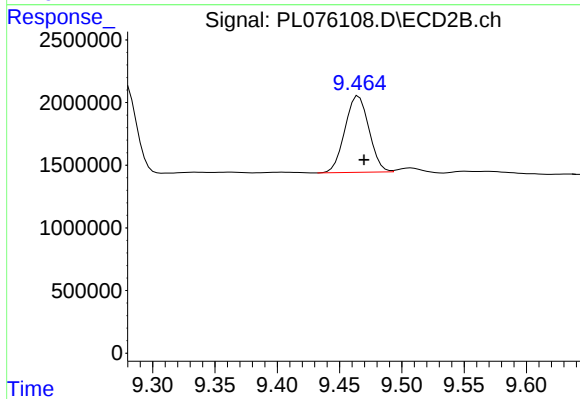
#21 Endrin ketone

R.T.: 9.279 min  
Delta R.T.: -0.005 min  
Response: 8806133  
Conc: 5.33 ng/ml



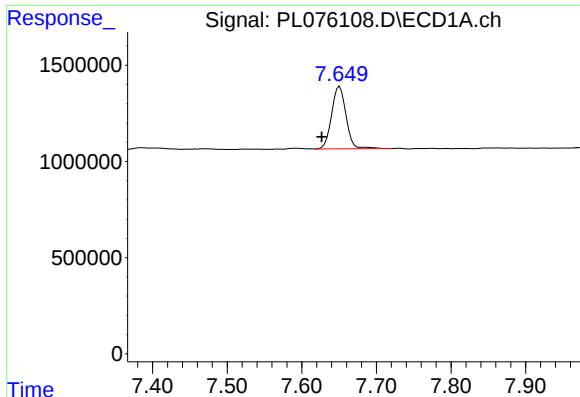
#22 Mirex

R.T.: 10.638 min  
Delta R.T.: -0.001 min  
Response: 3468604  
Conc: 6.45 ng/ml



#22 Mirex

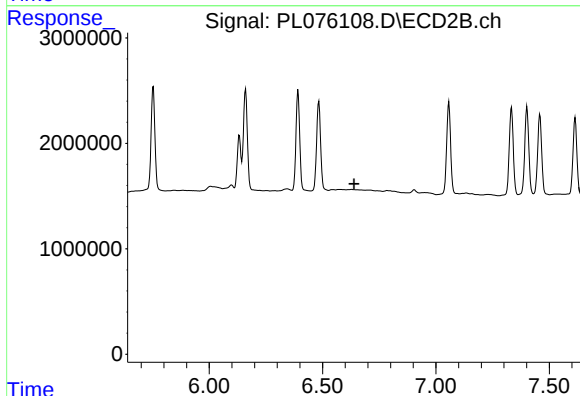
R.T.: 9.465 min  
Delta R.T.: -0.004 min  
Response: 8204680  
Conc: 6.13 ng/ml



#24 Chlordane-2

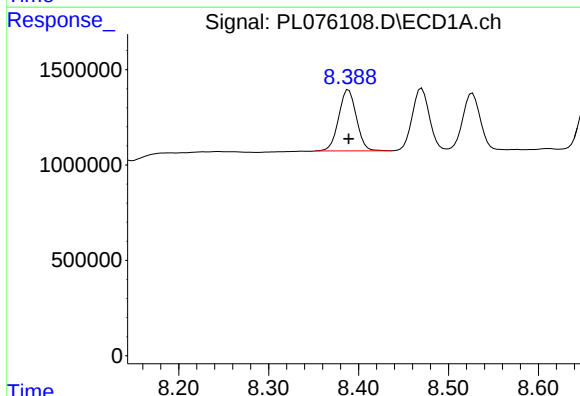
R.T.: 7.651 min  
Delta R.T.: 0.024 min  
Response: 4374112  
Conc: 144.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



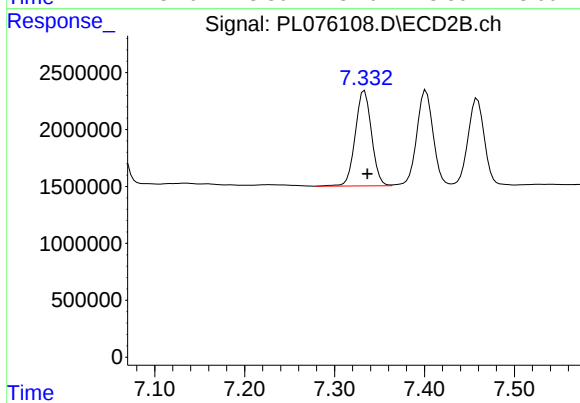
#24 Chlordane-2

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



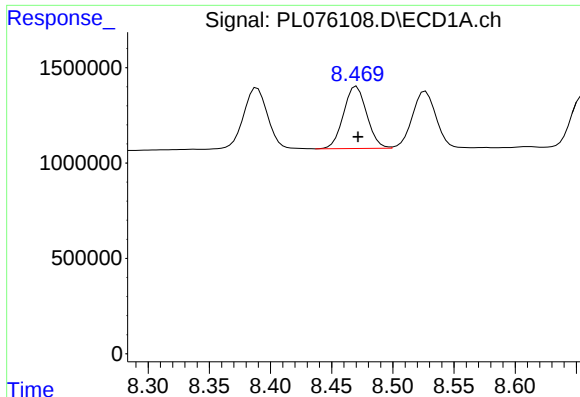
#25 Chlordane-3

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 4376899  
Conc: 43.04 ng/ml



#25 Chlordane-3

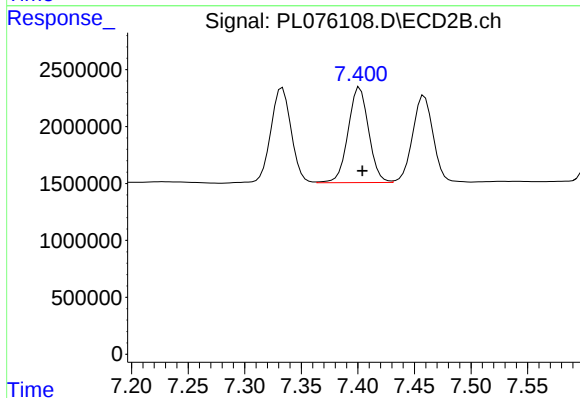
R.T.: 7.333 min  
Delta R.T.: -0.003 min  
Response: 10492000  
Conc: 59.49 ng/ml



#26 Chlordane-4

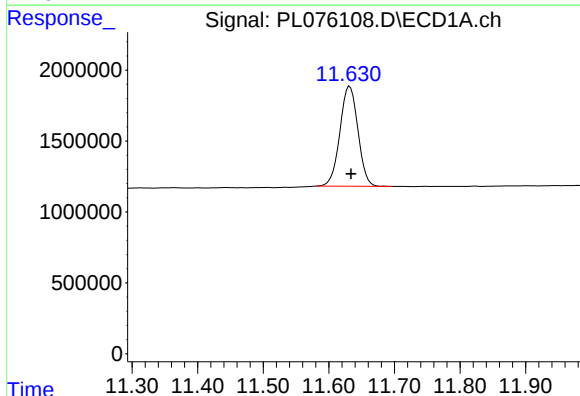
R.T.: 8.470 min  
Delta R.T.: -0.001 min  
Response: 4305088  
Conc: 34.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



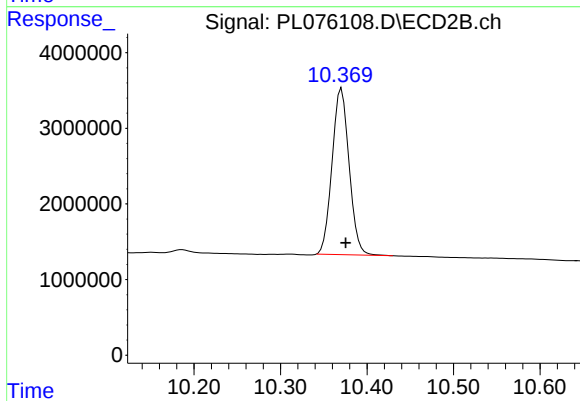
#26 Chlordane-4

R.T.: 7.402 min  
Delta R.T.: -0.002 min  
Response: 10565484  
Conc: 56.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.632 min  
Delta R.T.: -0.002 min  
Response: 13489540  
Conc: 21.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.371 min  
Delta R.T.: -0.005 min  
Response: 29968567  
Conc: 19.51 ng/ml