

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091621\  
 Data File : PL069881.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2021 12:50  
 Operator : AR\AJ  
 Sample : PB139132BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB139132BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 13:35:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 13 17:55:23 2021  
 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... | 4.636  | 5.568  | 8341281  | 24728251 | 20.474   | 20.315     |
| 28)                         | SA Decachlor... | 10.401 | 11.494 | 12524602 | 20708417 | 17.007   | 18.123     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.342  | 6.149  | 30769982 | 93665171 | 56.132   | 55.626     |
| 3)                          | MA gamma-BHC... | 5.765  | 6.545  | 30371266 | 86709206 | 53.200   | 53.714     |
| 4)                          | MA Heptachlor   | 6.176  | 7.195  | 33484330 | 83054837 | 49.384   | 52.831     |
| 5)                          | MB Aldrin       | 6.500  | 7.566  | 30510627 | 75478206 | 51.568   | 50.317     |
| 6)                          | B beta-BHC      | 6.145  | 6.799  | 15484421 | 54161172 | 41.424   | 70.861 #   |
| 7)                          | B delta-BHC     | 6.406  | 7.067  | 30774945 | 84765578 | 52.134   | 50.888     |
| 8)                          | B Heptachlo...  | 7.076  | 8.033  | 30860507 | 68595626 | 50.533   | 53.474     |
| 9)                          | A Endosulfan I  | 7.479  | 8.439  | 29403542 | 64005821 | 49.596   | 49.472     |
| 10)                         | B gamma-Chl...  | 7.353  | 8.303  | 32185029 | 68814921 | 50.193   | 51.513     |
| 11)                         | B alpha-Chl...  | 7.423  | 8.384  | 32138533 | 68201362 | 49.444   | 50.101     |
| 12)                         | B 4,4'-DDE      | 7.636  | 8.571  | 28549572 | 66676507 | 50.360   | 50.466     |
| 13)                         | MA Dieldrin     | 7.765  | 8.728  | 30766982 | 66508392 | 49.681   | 50.312     |
| 14)                         | MA Endrin       | 8.056  | 8.967  | 29111201 | 55977426 | 48.891   | 49.680     |
| 15)                         | B Endosulfa...  | 8.366  | 9.202  | 28101977 | 55409535 | 48.659   | 49.127     |
| 16)                         | A 4,4'-DDD      | 8.221  | 9.111  | 24634117 | 52438869 | 49.914   | 49.258     |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.428  | 27743023 | 53940680 | 48.381   | 48.180     |
| 18)                         | B Endrin al...  | 8.555  | 9.336  | 24852712 | 47372914 | 47.604   | 48.062     |
| 19)                         | B Endosulfa...  | 8.785  | 9.574  | 30234153 | 54192116 | 46.843   | 48.123     |
| 20)                         | A Methoxychlor  | 9.077  | 9.914  | 17053926 | 27972753 | 45.457   | 46.343     |
| 21)                         | B Endrin ke...  | 9.304  | 10.073 | 34176660 | 57999175 | 47.383   | 47.049     |
| 22)                         | Mirex           | 9.491  | 10.540 | 30107779 | 43301572 | 45.696   | 46.283     |
| 24)                         | Chlordane-2     | 0.000  | 7.566f | 0        | 75478206 | N.D.     | 1456.334 # |
| 25)                         | Chlordane-3     | 7.353  | 8.303  | 32185029 | 68814921 | 513.919  | 362.775 #  |
| 26)                         | Chlordane-4     | 7.423  | 8.384  | 32138533 | 68201362 | 477.149  | 292.885 #  |
| 27)                         | Chlordane-5     | 8.366  | 0.000  | 28101977 | 0        | 1133.958 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

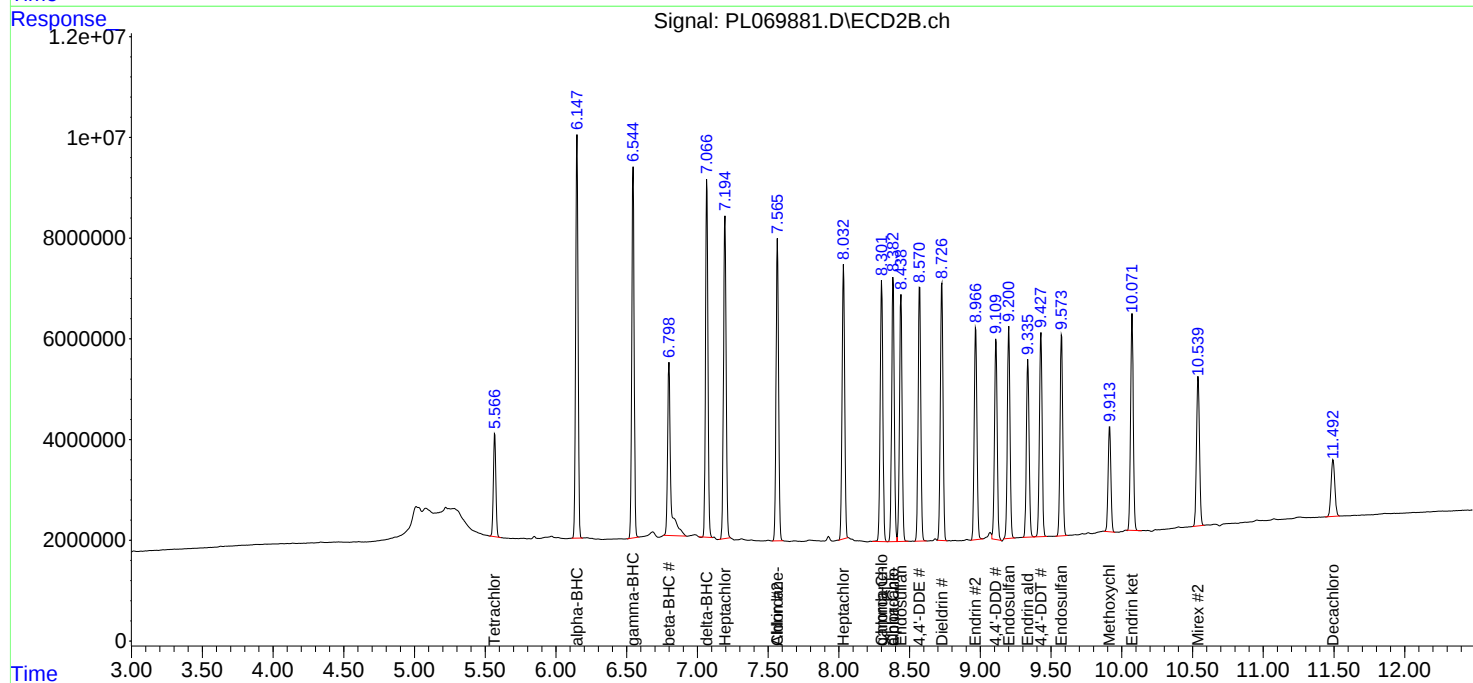
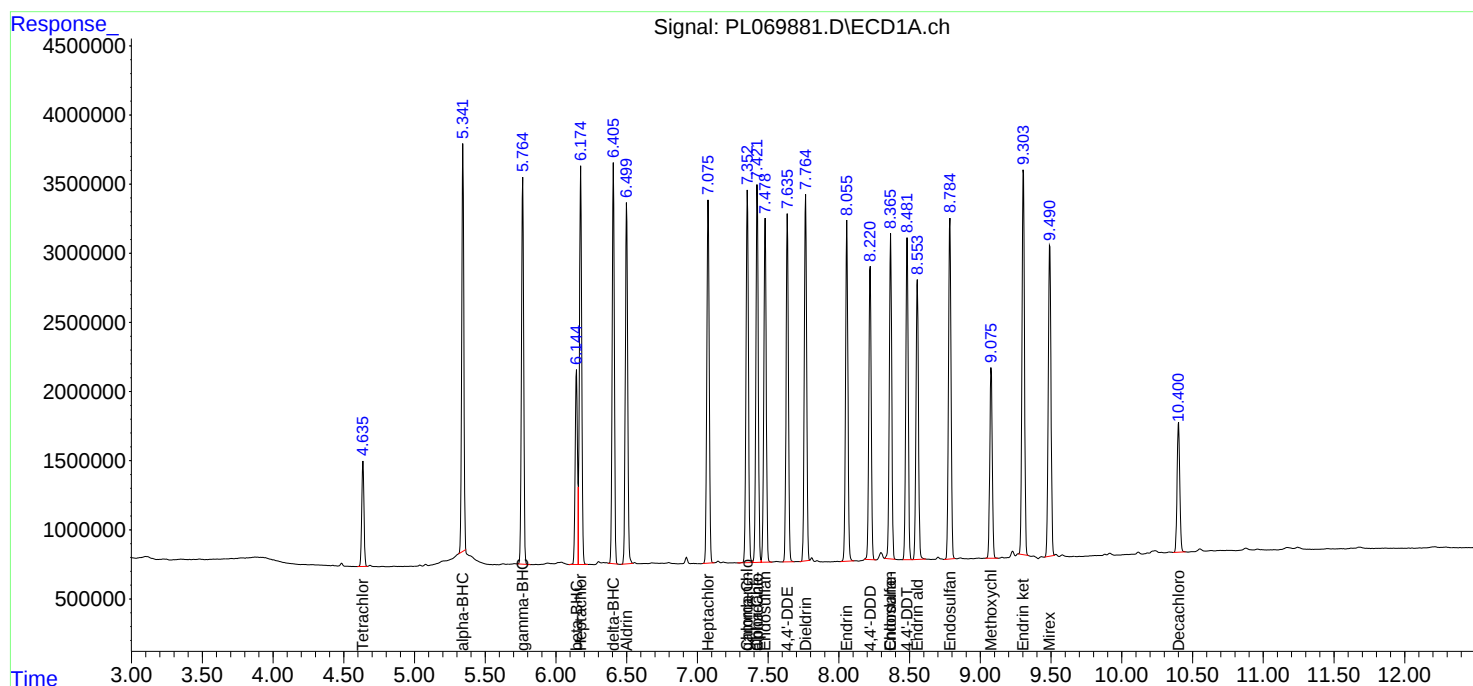
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

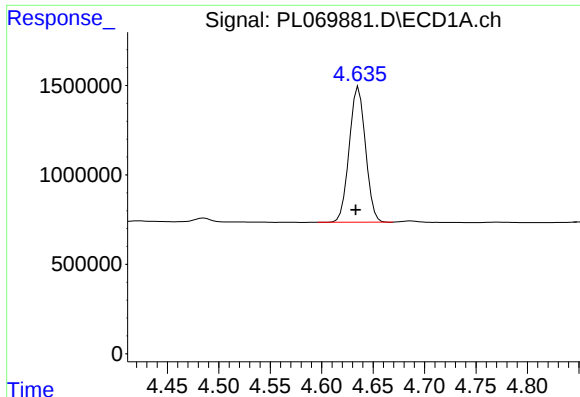
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091621\  
 Data File : PL069881.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2021 12:50  
 Operator : AR\AJ  
 Sample : PB139132BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB139132BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 13:35:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 13 17:55:23 2021  
 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

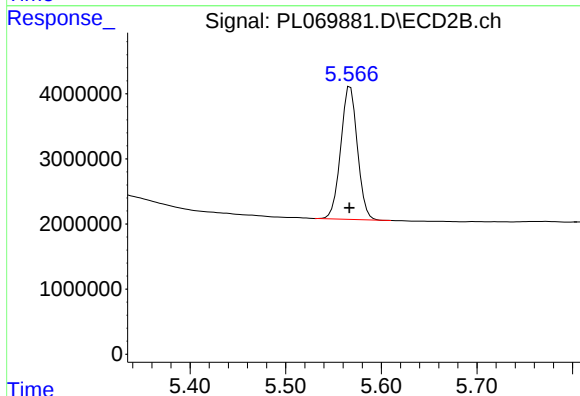




#1 Tetrachloro-m-xylene

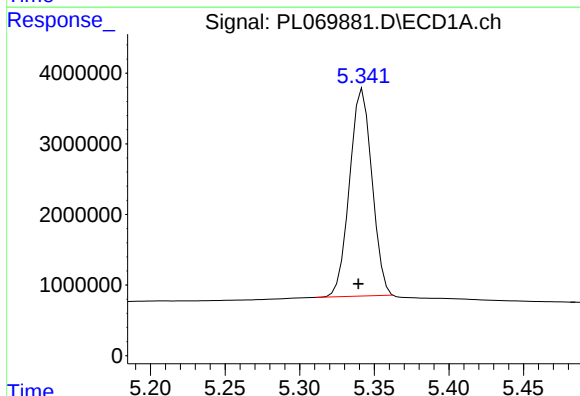
R.T.: 4.636 min  
Delta R.T.: 0.003 min  
Response: 8341281  
Conc: 20.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



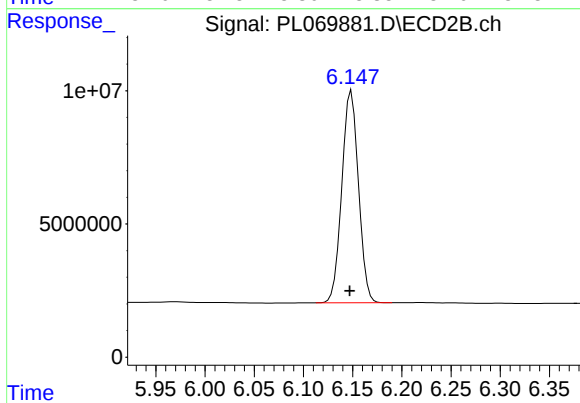
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: 0.001 min  
Response: 24728251  
Conc: 20.32 ng/ml



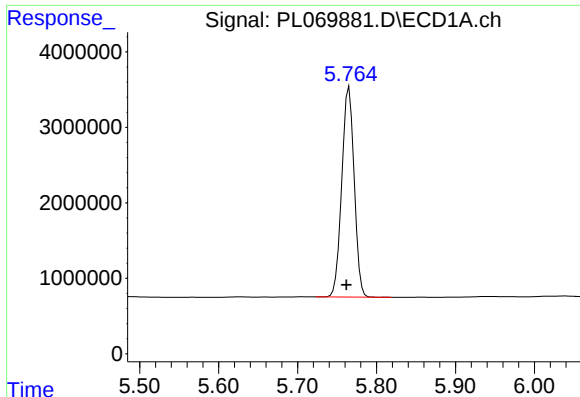
#2 alpha-BHC

R.T.: 5.342 min  
Delta R.T.: 0.003 min  
Response: 30769982  
Conc: 56.13 ng/ml



#2 alpha-BHC

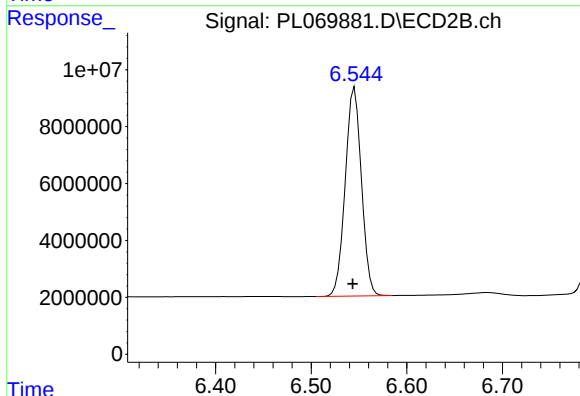
R.T.: 6.149 min  
Delta R.T.: 0.002 min  
Response: 93665171  
Conc: 55.63 ng/ml



#3 gamma-BHC (Lindane)

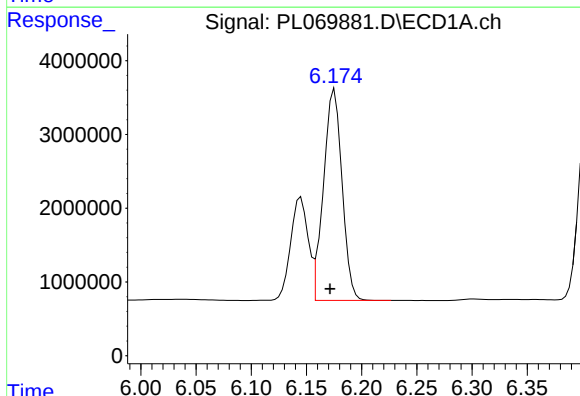
R.T.: 5.765 min  
Delta R.T.: 0.003 min  
Response: 30371266  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



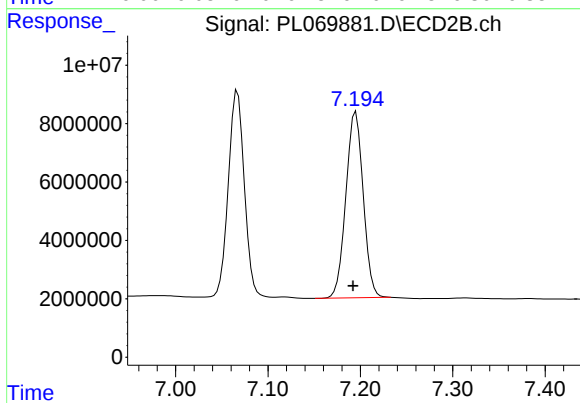
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: 0.002 min  
Response: 86709206  
Conc: 53.71 ng/ml



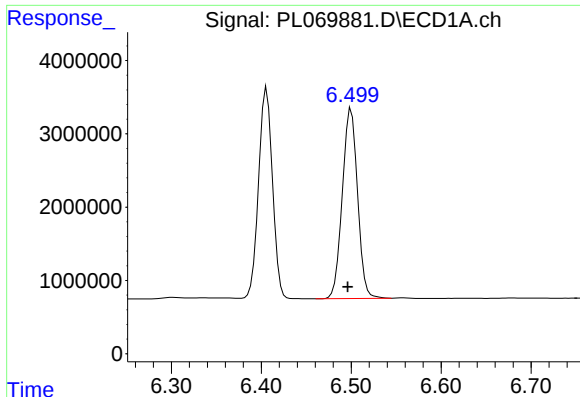
#4 Heptachlor

R.T.: 6.176 min  
Delta R.T.: 0.004 min  
Response: 33484330  
Conc: 49.38 ng/ml



#4 Heptachlor

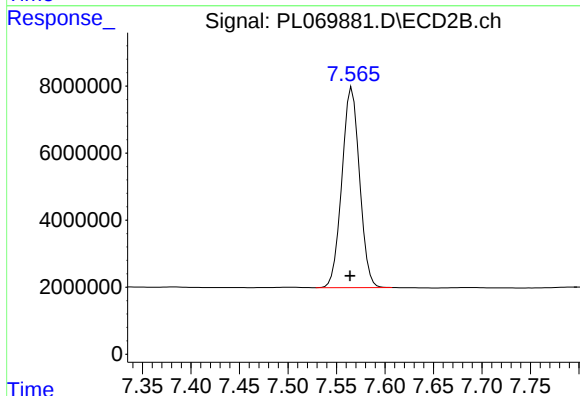
R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 83054837  
Conc: 52.83 ng/ml



#5 Aldrin

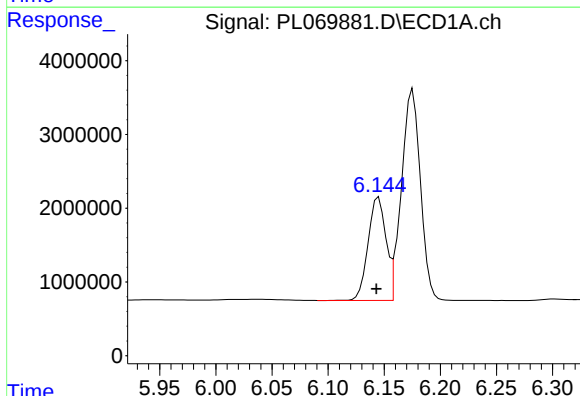
R.T.: 6.500 min  
Delta R.T.: 0.004 min  
Response: 30510627  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



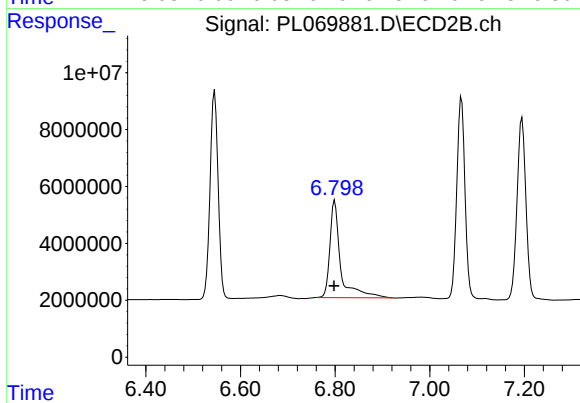
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: 0.002 min  
Response: 75478206  
Conc: 50.32 ng/ml



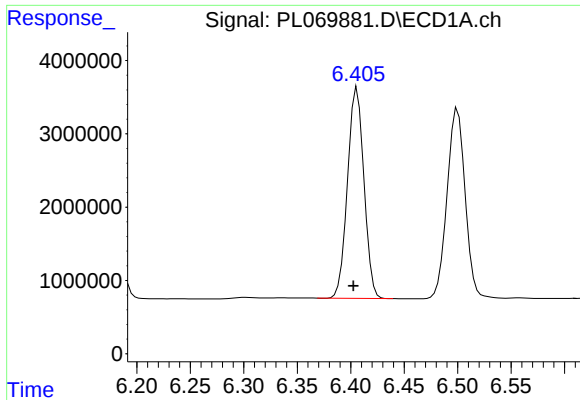
#6 beta-BHC

R.T.: 6.145 min  
Delta R.T.: 0.002 min  
Response: 15484421  
Conc: 41.42 ng/ml



#6 beta-BHC

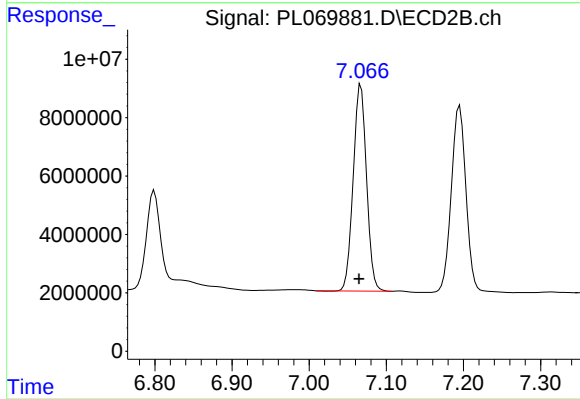
R.T.: 6.799 min  
Delta R.T.: 0.001 min  
Response: 54161172  
Conc: 70.86 ng/ml



#7 delta-BHC

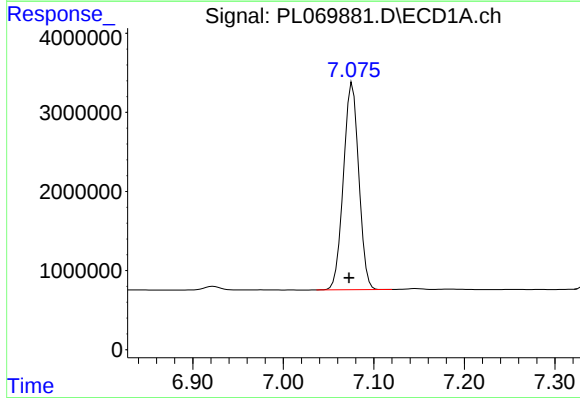
R.T.: 6.406 min  
Delta R.T.: 0.004 min  
Response: 30774945  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



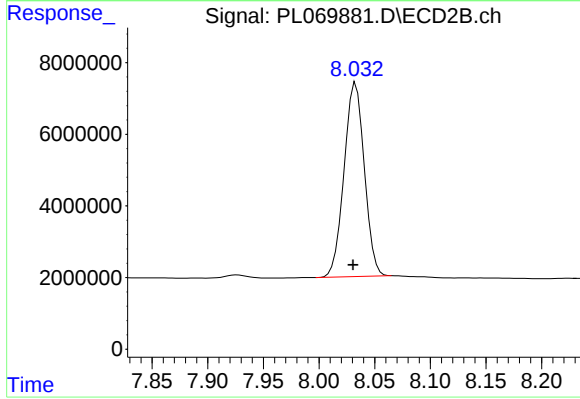
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 84765578  
Conc: 50.89 ng/ml



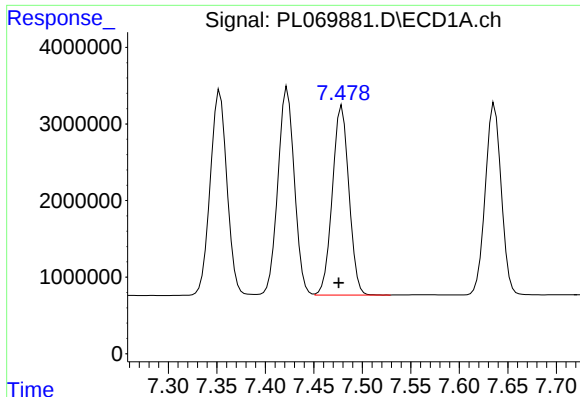
#8 Heptachlor epoxide

R.T.: 7.076 min  
Delta R.T.: 0.004 min  
Response: 30860507  
Conc: 50.53 ng/ml



#8 Heptachlor epoxide

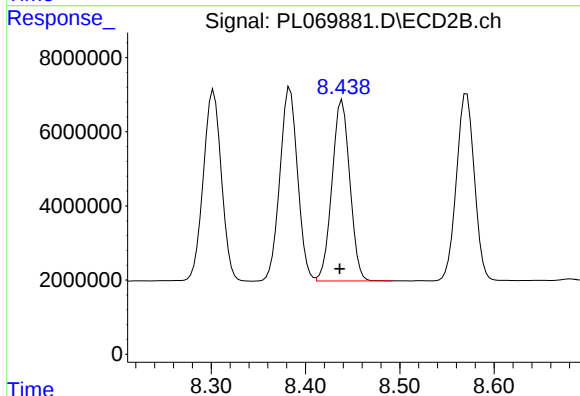
R.T.: 8.033 min  
Delta R.T.: 0.002 min  
Response: 68595626  
Conc: 53.47 ng/ml



#9 Endosulfan I

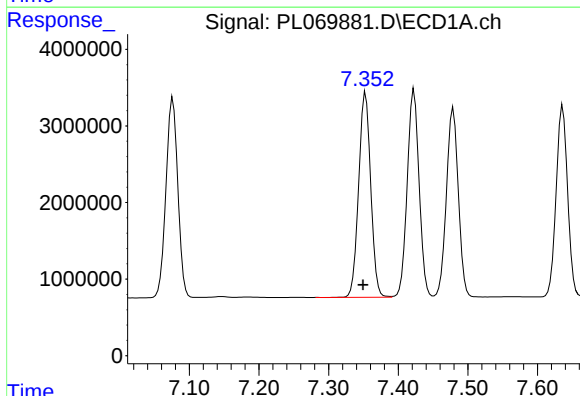
R.T.: 7.479 min  
Delta R.T.: 0.003 min  
Response: 29403542  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



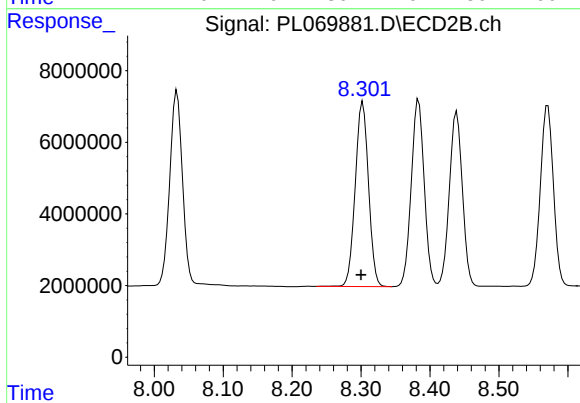
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.003 min  
Response: 64005821  
Conc: 49.47 ng/ml



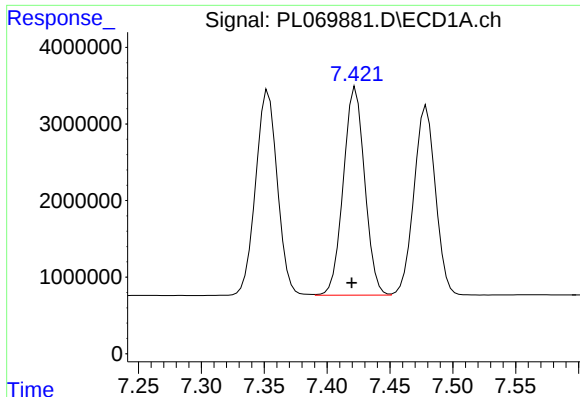
#10 gamma-Chlordane

R.T.: 7.353 min  
Delta R.T.: 0.004 min  
Response: 32185029  
Conc: 50.19 ng/ml



#10 gamma-Chlordane

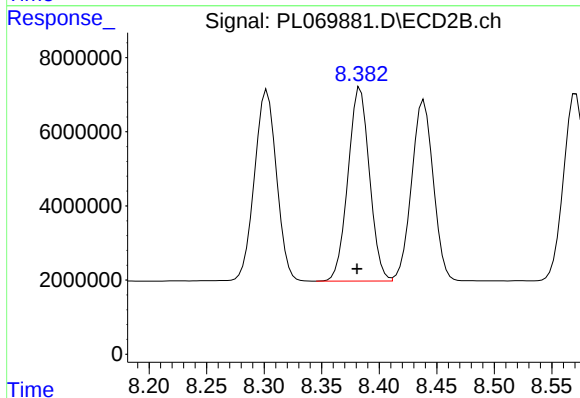
R.T.: 8.303 min  
Delta R.T.: 0.003 min  
Response: 68814921  
Conc: 51.51 ng/ml



#11 alpha-Chlordane

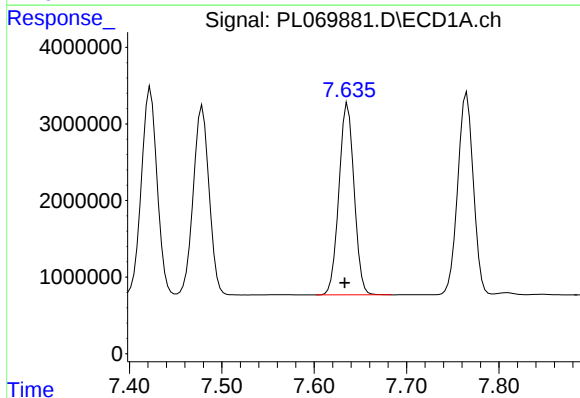
R.T.: 7.423 min  
Delta R.T.: 0.003 min  
Response: 32138533  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



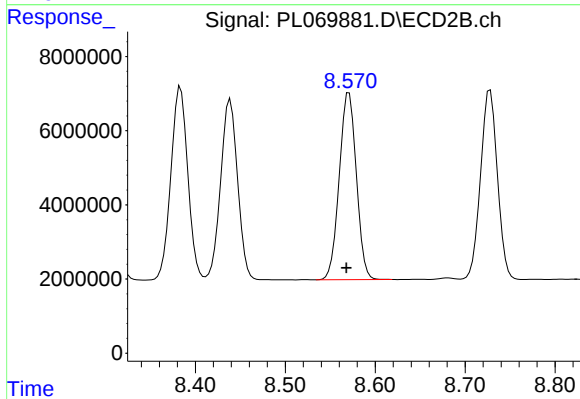
#11 alpha-Chlordane

R.T.: 8.384 min  
Delta R.T.: 0.003 min  
Response: 68201362  
Conc: 50.10 ng/ml



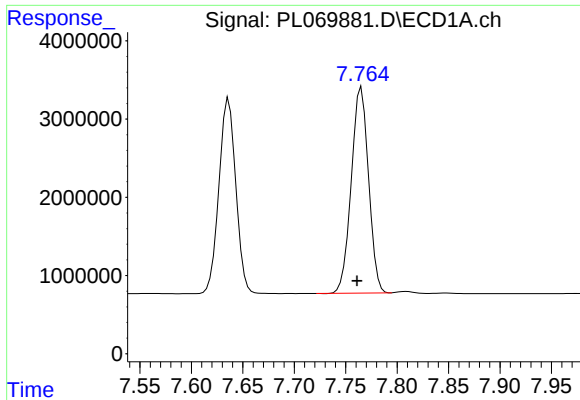
#12 4,4'-DDE

R.T.: 7.636 min  
Delta R.T.: 0.003 min  
Response: 28549572  
Conc: 50.36 ng/ml



#12 4,4'-DDE

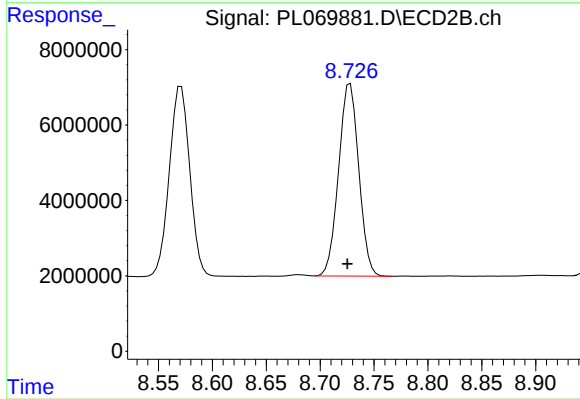
R.T.: 8.571 min  
Delta R.T.: 0.003 min  
Response: 66676507  
Conc: 50.47 ng/ml



#13 Dieldrin

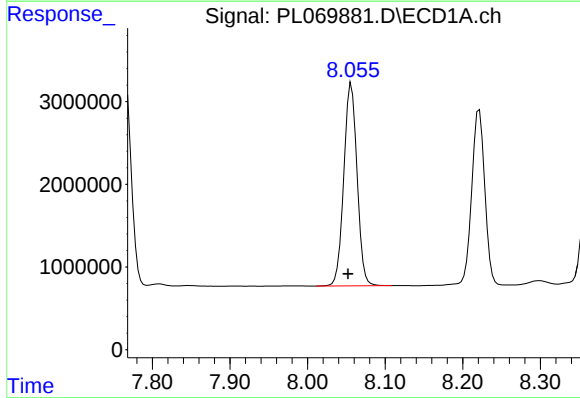
R.T.: 7.765 min  
Delta R.T.: 0.004 min  
Response: 30766982  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



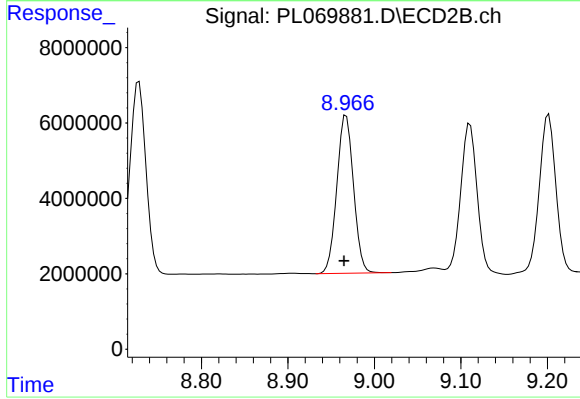
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.002 min  
Response: 66508392  
Conc: 50.31 ng/ml



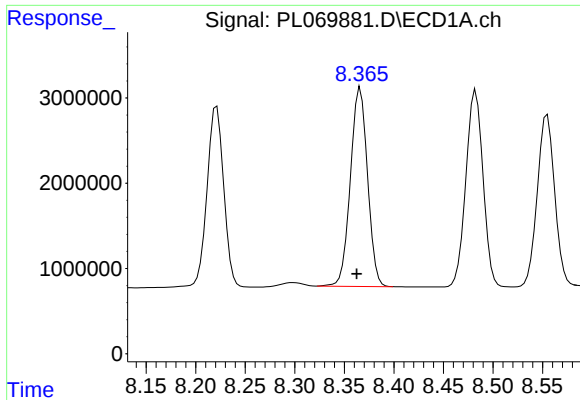
#14 Endrin

R.T.: 8.056 min  
Delta R.T.: 0.004 min  
Response: 29111201  
Conc: 48.89 ng/ml



#14 Endrin

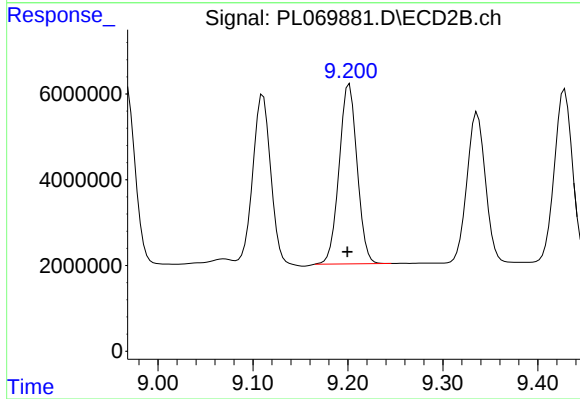
R.T.: 8.967 min  
Delta R.T.: 0.002 min  
Response: 55977426  
Conc: 49.68 ng/ml



#15 Endosulfan II

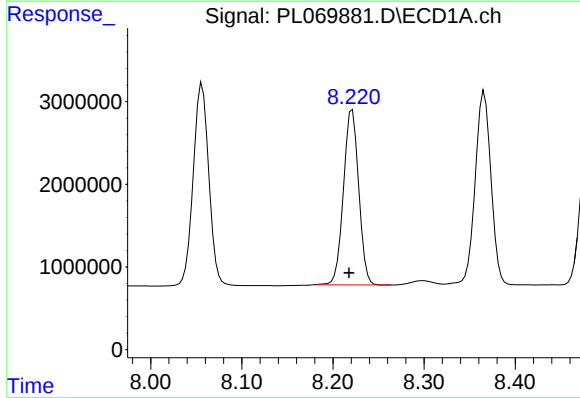
R.T.: 8.366 min  
Delta R.T.: 0.004 min  
Response: 28101977  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



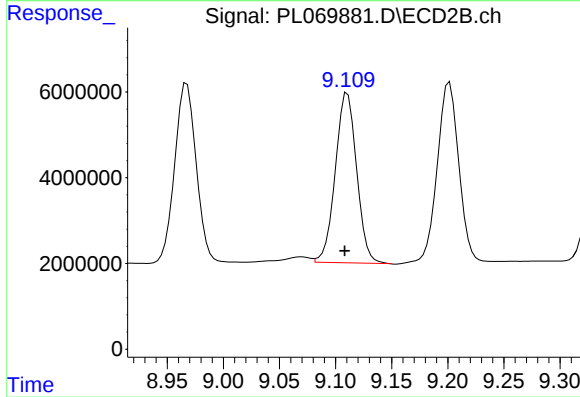
#15 Endosulfan II

R.T.: 9.202 min  
Delta R.T.: 0.002 min  
Response: 55409535  
Conc: 49.13 ng/ml



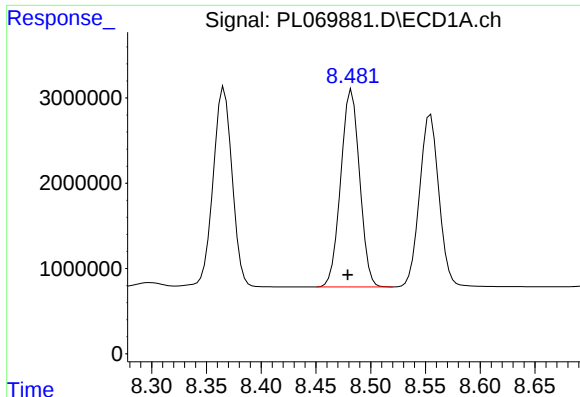
#16 4,4'-DDD

R.T.: 8.221 min  
Delta R.T.: 0.004 min  
Response: 24634117  
Conc: 49.91 ng/ml



#16 4,4'-DDD

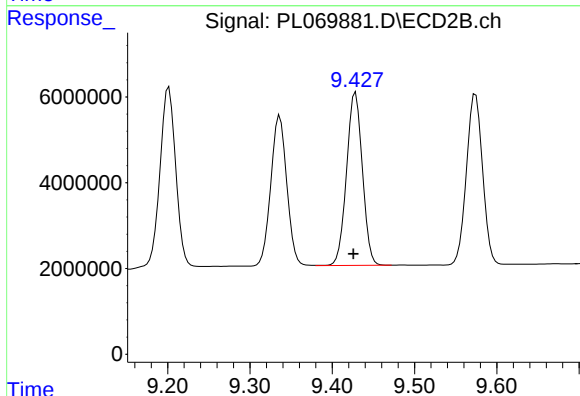
R.T.: 9.111 min  
Delta R.T.: 0.003 min  
Response: 52438869  
Conc: 49.26 ng/ml



#17 4,4'-DDT

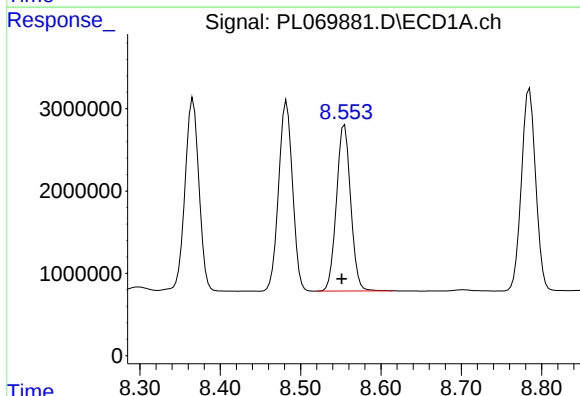
R.T.: 8.483 min  
Delta R.T.: 0.004 min  
Response: 27743023  
Conc: 48.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



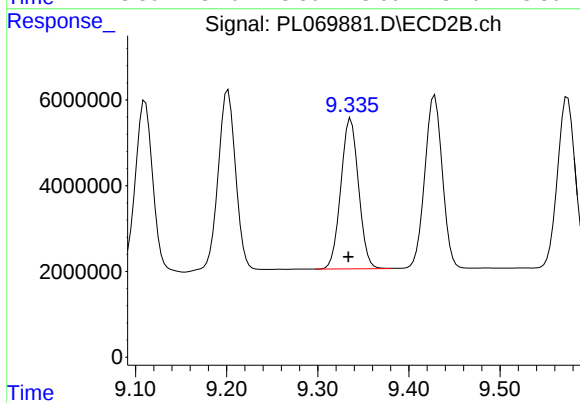
#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.003 min  
Response: 53940680  
Conc: 48.18 ng/ml



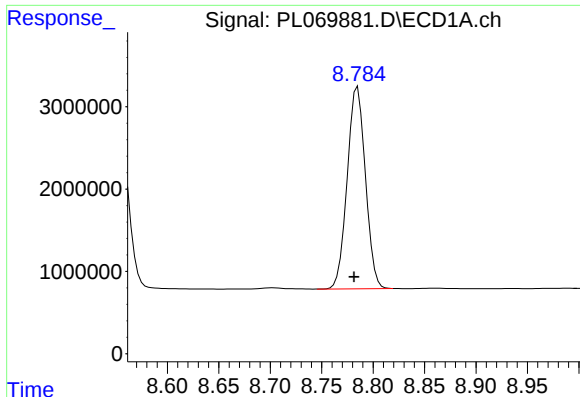
#18 Endrin aldehyde

R.T.: 8.555 min  
Delta R.T.: 0.003 min  
Response: 24852712  
Conc: 47.60 ng/ml



#18 Endrin aldehyde

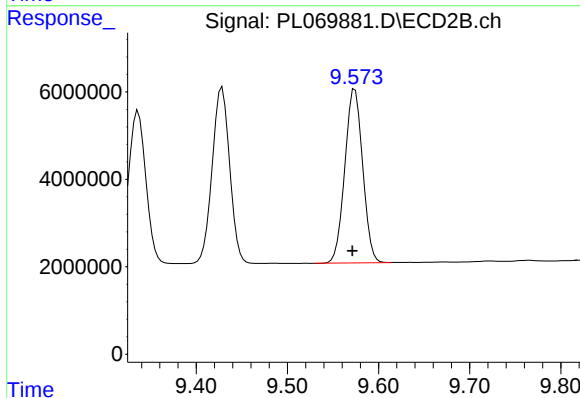
R.T.: 9.336 min  
Delta R.T.: 0.003 min  
Response: 47372914  
Conc: 48.06 ng/ml



#19 Endosulfan Sulfate

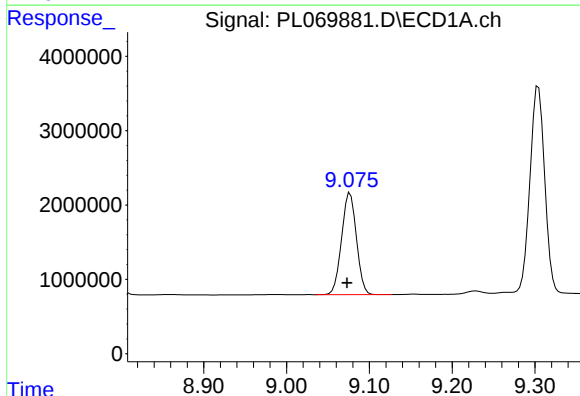
R.T.: 8.785 min  
Delta R.T.: 0.004 min  
Response: 30234153  
Conc: 46.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



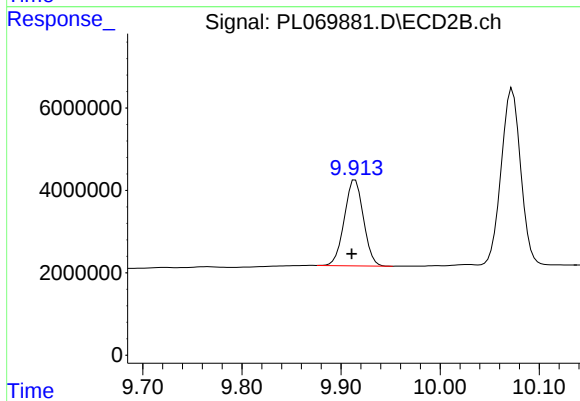
#19 Endosulfan Sulfate

R.T.: 9.574 min  
Delta R.T.: 0.003 min  
Response: 54192116  
Conc: 48.12 ng/ml



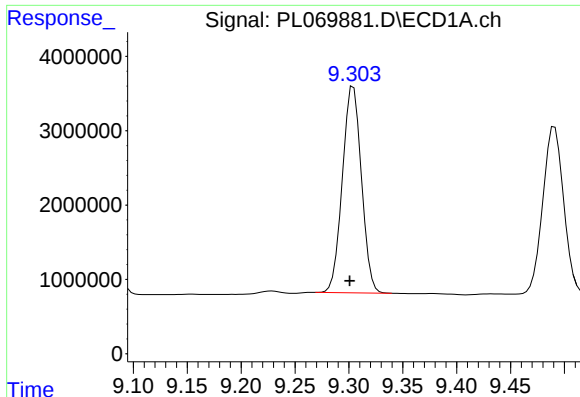
#20 Methoxychlor

R.T.: 9.077 min  
Delta R.T.: 0.004 min  
Response: 17053926  
Conc: 45.46 ng/ml



#20 Methoxychlor

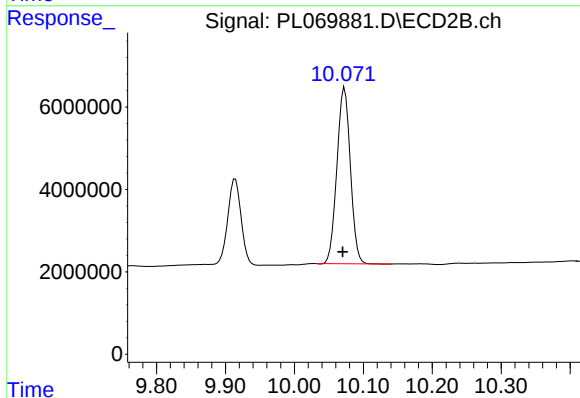
R.T.: 9.914 min  
Delta R.T.: 0.004 min  
Response: 27972753  
Conc: 46.34 ng/ml



#21 Endrin ketone

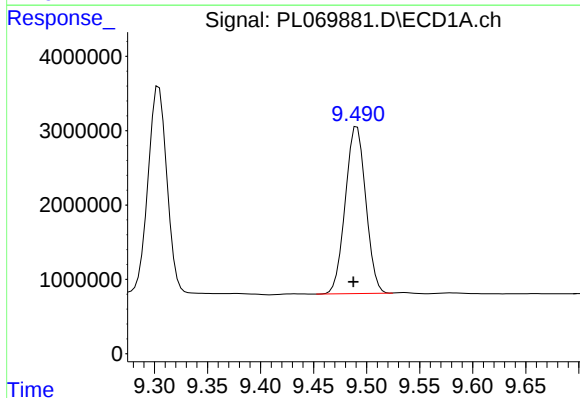
R.T.: 9.304 min  
Delta R.T.: 0.003 min  
Response: 34176660  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



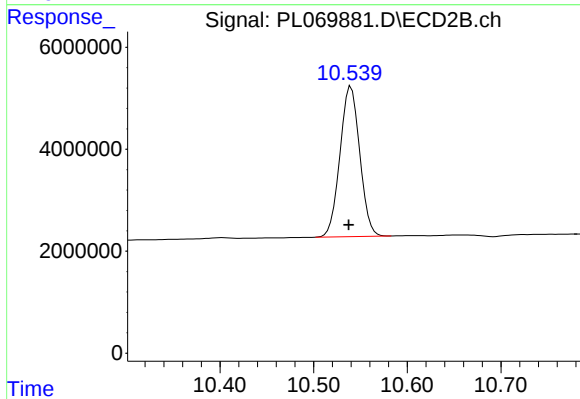
#21 Endrin ketone

R.T.: 10.073 min  
Delta R.T.: 0.003 min  
Response: 57999175  
Conc: 47.05 ng/ml



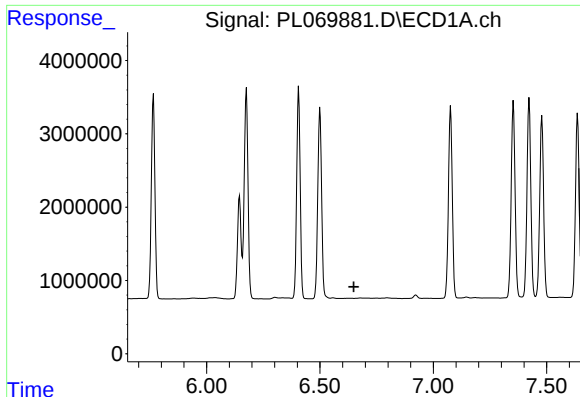
#22 Mirex

R.T.: 9.491 min  
Delta R.T.: 0.003 min  
Response: 30107779  
Conc: 45.70 ng/ml



#22 Mirex

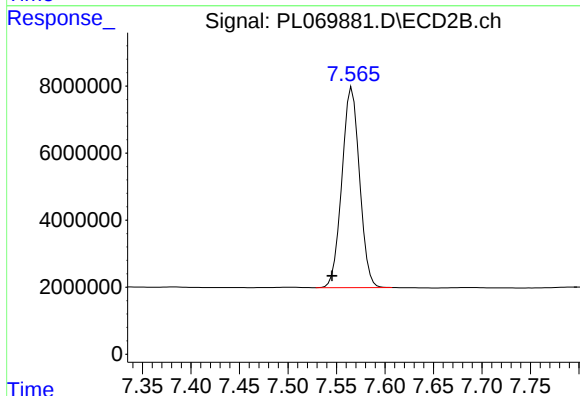
R.T.: 10.540 min  
Delta R.T.: 0.002 min  
Response: 43301572  
Conc: 46.28 ng/ml



#24 Chlordane-2

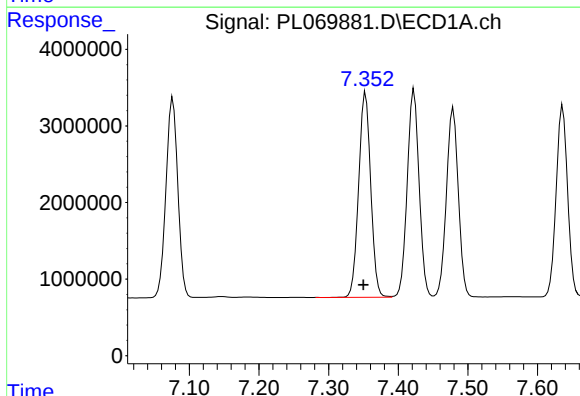
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



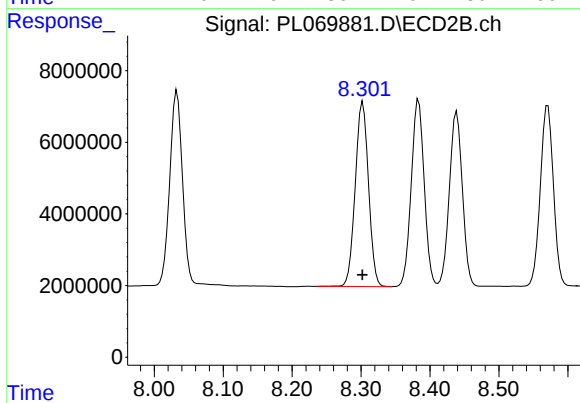
#24 Chlordane-2

R.T.: 7.566 min  
Delta R.T.: 0.021 min  
Response: 75478206  
Conc: 1456.33 ng/ml



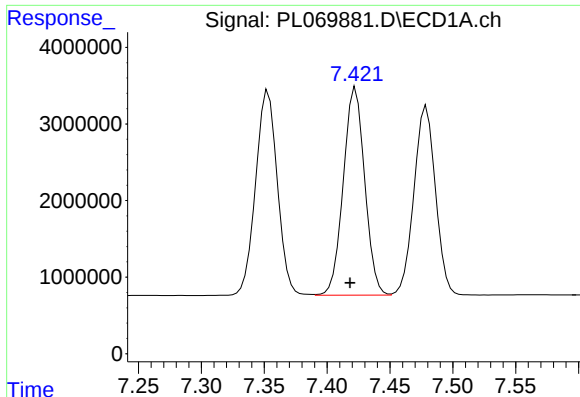
#25 Chlordane-3

R.T.: 7.353 min  
Delta R.T.: 0.003 min  
Response: 32185029  
Conc: 513.92 ng/ml



#25 Chlordane-3

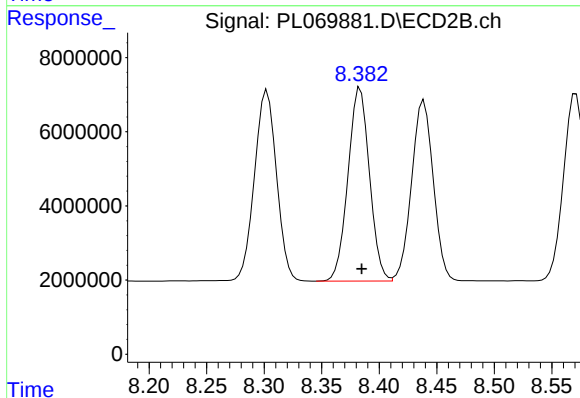
R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 68814921  
Conc: 362.78 ng/ml



#26 Chlordane-4

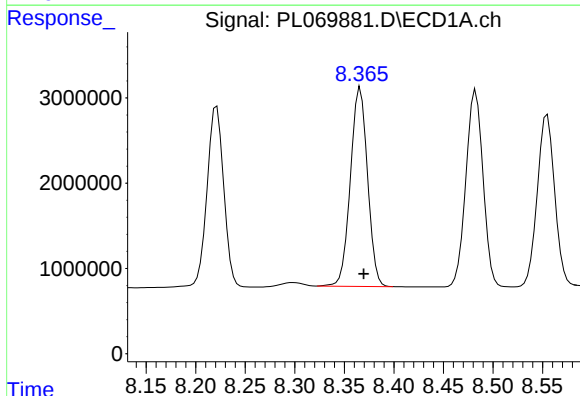
R.T.: 7.423 min  
Delta R.T.: 0.005 min  
Response: 32138533  
Conc: 477.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



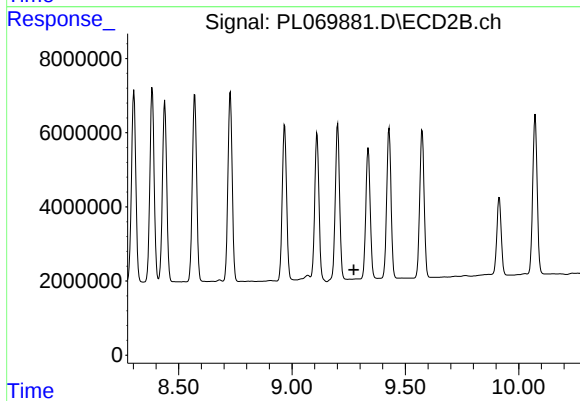
#26 Chlordane-4

R.T.: 8.384 min  
Delta R.T.: -0.001 min  
Response: 68201362  
Conc: 292.88 ng/ml



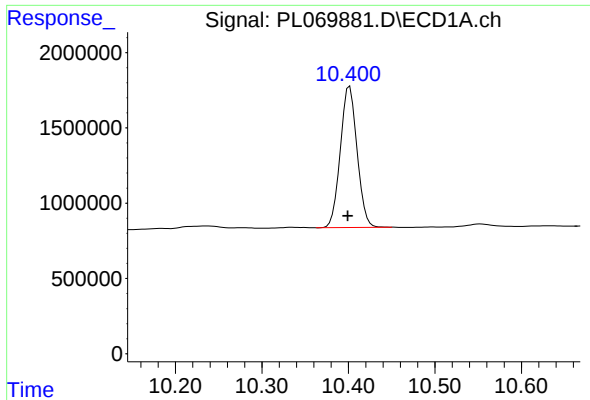
#27 Chlordane-5

R.T.: 8.366 min  
Delta R.T.: -0.003 min  
Response: 28101977  
Conc: 1133.96 ng/ml



#27 Chlordane-5

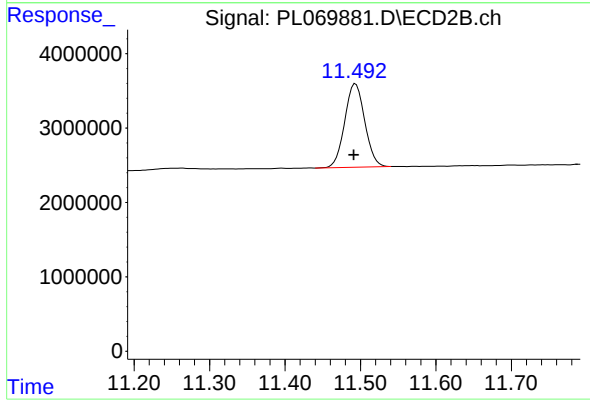
R.T.: 0.000 min  
Exp R.T.: 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.401 min  
Delta R.T.: 0.002 min  
Response: 12524602  
Conc: 17.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139132BSD



#28 Decachlorobiphenyl

R.T.: 11.494 min  
Delta R.T.: 0.002 min  
Response: 20708417  
Conc: 18.12 ng/ml