

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072921\  
 Data File : PL068571.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2021 19:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 01:24:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.641  | 5.569  | 24581648 | 56869599 | 57.276   | 55.731     |
| 28)                         | SA Decachlor... | 10.416 | 11.492 | 29734651 | 48924412 | 52.869   | 54.849     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.348  | 6.149  | 33977488 | 77909191 | 58.042   | 57.302     |
| 3)                          | MA gamma-BHC... | 5.771  | 6.545  | 32732945 | 72727433 | 57.583   | 56.369     |
| 4)                          | MA Heptachlor   | 6.183  | 7.195  | 33593995 | 70824584 | 55.116   | 54.342     |
| 5)                          | MB Aldrin       | 6.508  | 7.566  | 32124248 | 66805300 | 57.165   | 56.306     |
| 6)                          | B beta-BHC      | 6.151  | 6.798  | 16723899 | 35026393 | 57.152   | 49.580     |
| 7)                          | B delta-BHC     | 6.412  | 7.066  | 32527384 | 68412160 | 58.217   | 55.837     |
| 8)                          | B Heptachlo...  | 7.085  | 8.032  | 30947734 | 63089833 | 55.706   | 55.801     |
| 9)                          | A Endosulfan I  | 7.488  | 8.438  | 29148533 | 57764870 | 55.177   | 56.105     |
| 10)                         | B gamma-Chl...  | 7.363  | 8.301  | 31661360 | 63308361 | 55.181   | 56.214     |
| 11)                         | B alpha-Chl...  | 7.432  | 8.383  | 31555365 | 62575565 | 54.941   | 55.637     |
| 12)                         | B 4,4'-DDE      | 7.646  | 8.569  | 28290016 | 58300718 | 56.140   | 56.571     |
| 13)                         | MA Dieldrin     | 7.775  | 8.727  | 30089919 | 59946820 | 55.900   | 56.519     |
| 14)                         | MA Endrin       | 8.066  | 8.967  | 25103966 | 44961344 | 50.199   | 50.283     |
| 15)                         | B Endosulfa...  | 8.376  | 9.200  | 26654666 | 49598835 | 53.989   | 54.721     |
| 16)                         | A 4,4'-DDD      | 8.232  | 9.109  | 27006833 | 52318645 | 60.461   | 61.444     |
| 17)                         | MA 4,4'-DDT     | 8.494  | 9.426  | 22758798 | 43566116 | 45.373   | 46.158     |
| 18)                         | B Endrin al...  | 8.564  | 9.335  | 21283724 | 39229544 | 53.728   | 54.431     |
| 19)                         | B Endosulfa...  | 8.795  | 9.572  | 28043353 | 49034593 | 53.368   | 54.454     |
| 20)                         | A Methoxychlor  | 9.088  | 9.911  | 13911810 | 22398262 | 44.474   | 44.088     |
| 21)                         | B Endrin ke...  | 9.315  | 10.070 | 34049745 | 57132578 | 57.505   | 57.286     |
| 22)                         | Mirex           | 9.504  | 10.538 | 26446285 | 40934639 | 53.554   | 52.912     |
| 24)                         | Chlordane-2     | 6.656  | 7.566f | 347017   | 66805300 | 16.180   | 1605.704 # |
| 25)                         | Chlordane-3     | 7.363  | 8.301  | 31661360 | 63308361 | 587.913  | 408.785 #  |
| 26)                         | Chlordane-4     | 7.432  | 8.383  | 31555365 | 62575565 | 558.900  | 333.771 #  |
| 27)                         | Chlordane-5     | 8.376  | 0.000  | 26654666 | 0        | 1324.373 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

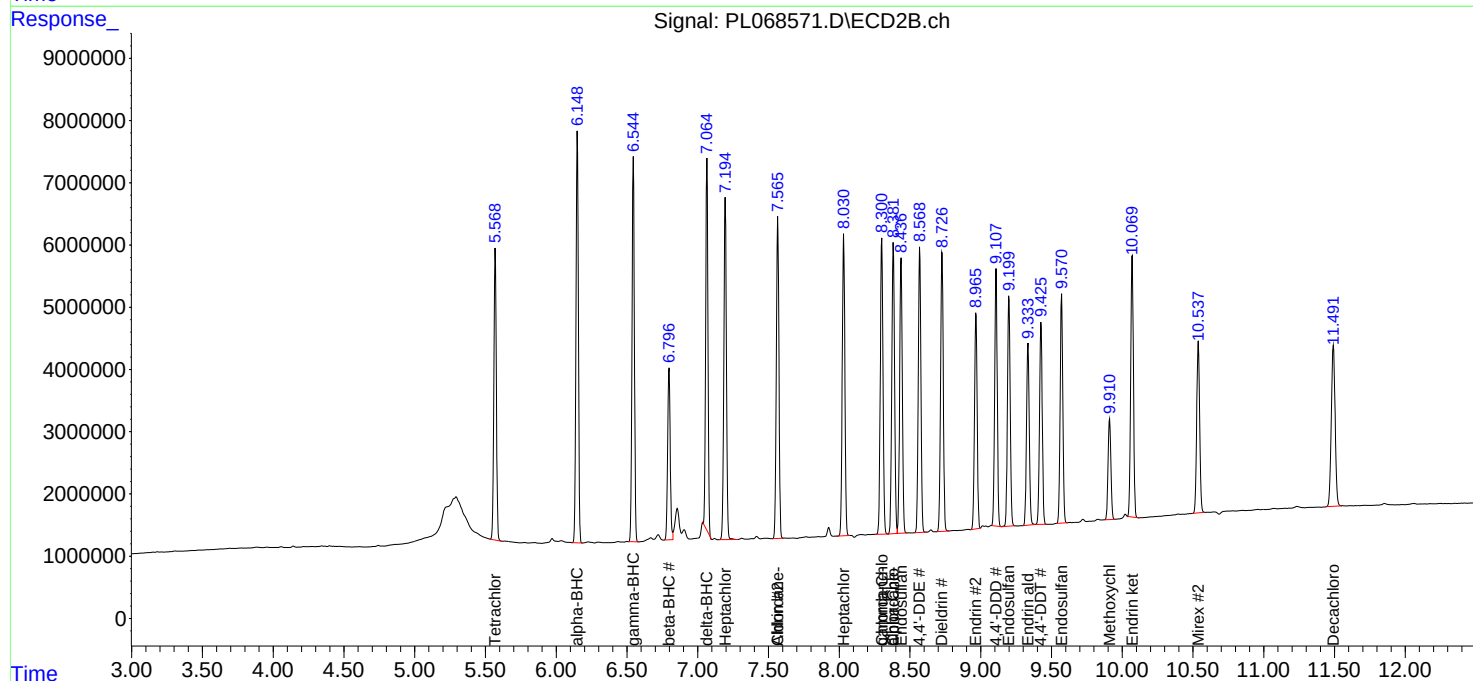
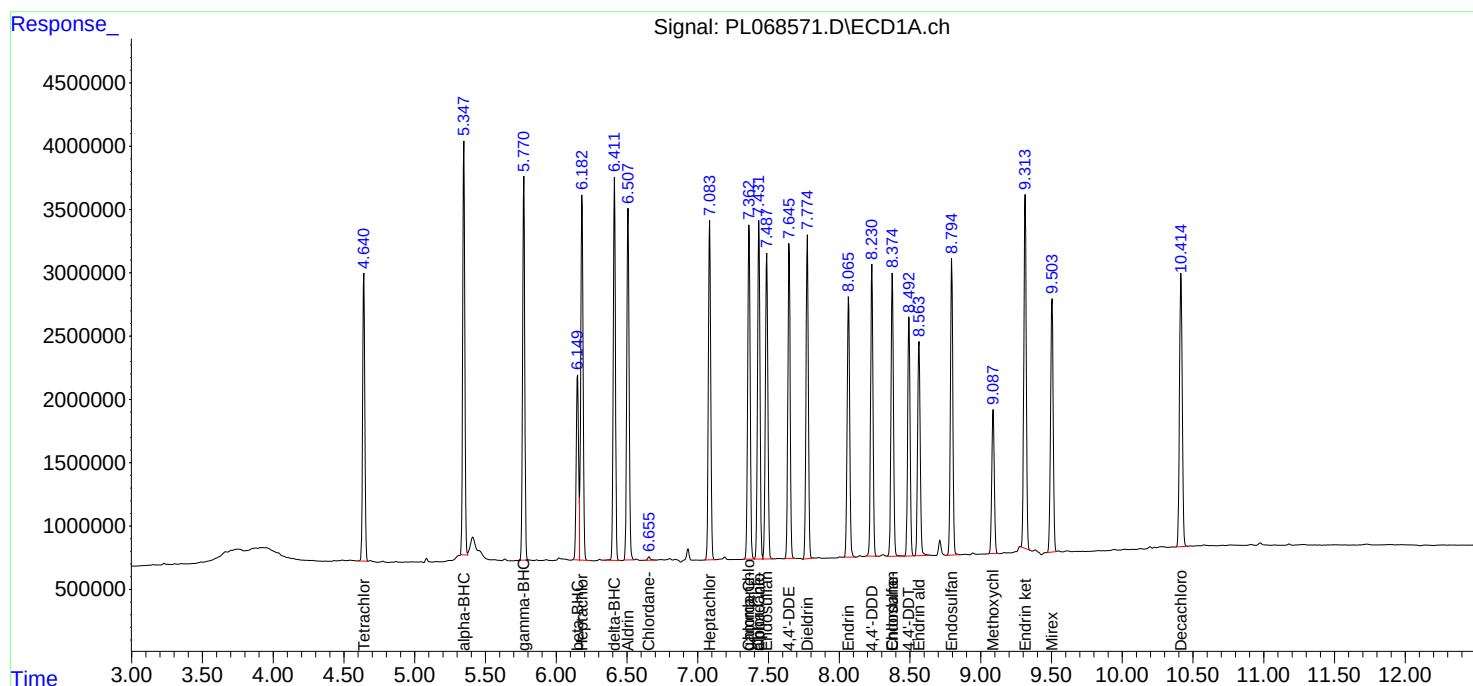
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

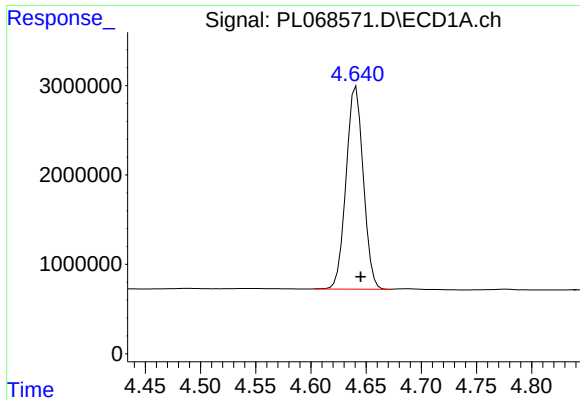
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072921\  
Data File : PL068571.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jul 2021 19:51  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 01:24:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 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

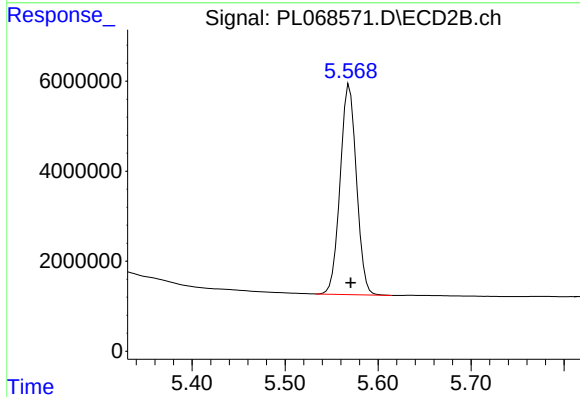




#1 Tetrachloro-m-xylene

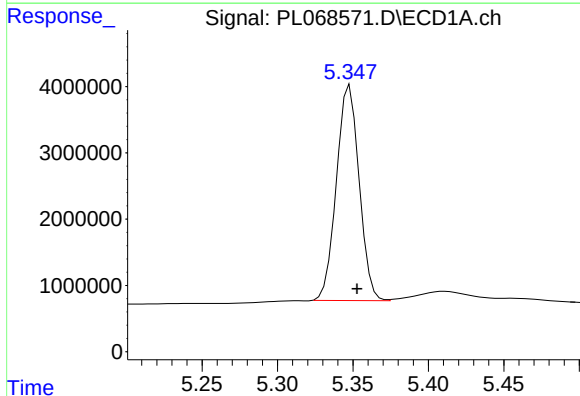
R.T.: 4.641 min  
Delta R.T.: -0.004 min  
Response: 24581648  
Conc: 57.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



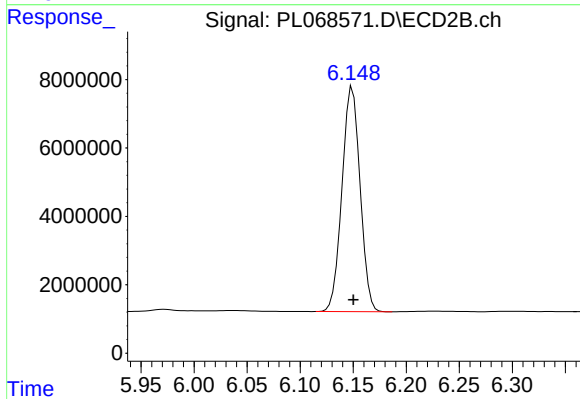
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: -0.001 min  
Response: 56869599  
Conc: 55.73 ng/ml



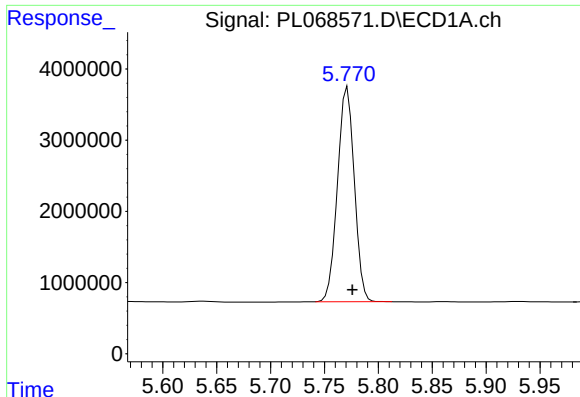
#2 alpha-BHC

R.T.: 5.348 min  
Delta R.T.: -0.005 min  
Response: 33977488  
Conc: 58.04 ng/ml



#2 alpha-BHC

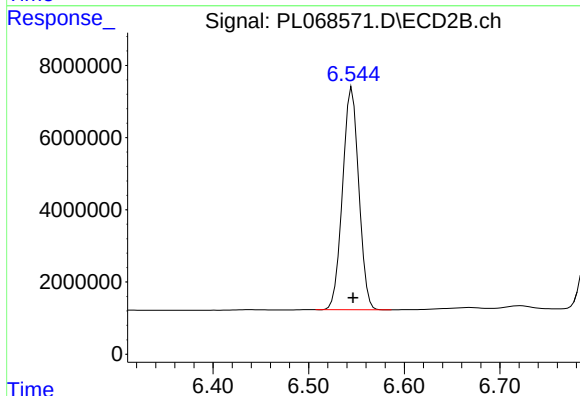
R.T.: 6.149 min  
Delta R.T.: -0.001 min  
Response: 77909191  
Conc: 57.30 ng/ml



#3 gamma-BHC (Lindane)

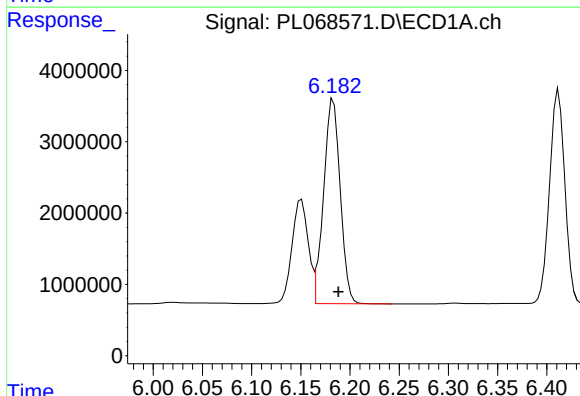
R.T.: 5.771 min  
Delta R.T.: -0.004 min  
Response: 32732945  
Conc: 57.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



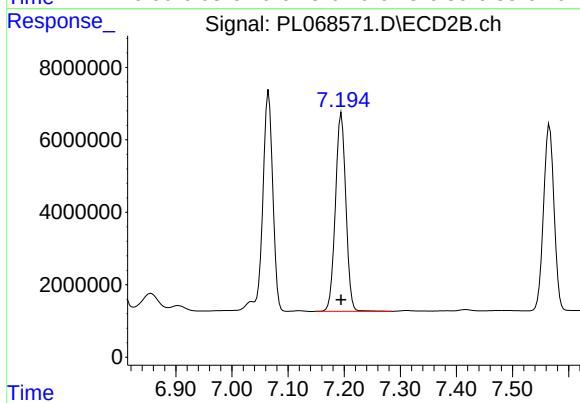
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: -0.001 min  
Response: 72727433  
Conc: 56.37 ng/ml



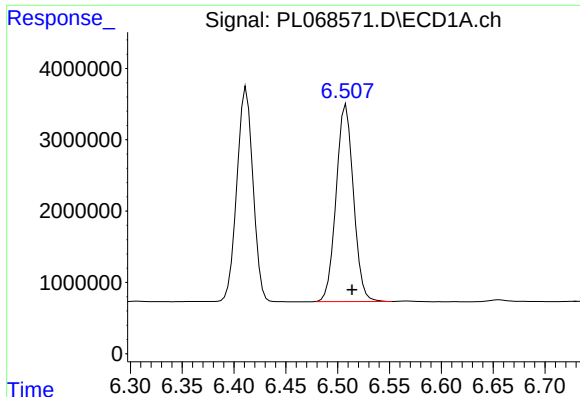
#4 Heptachlor

R.T.: 6.183 min  
Delta R.T.: -0.005 min  
Response: 33593995  
Conc: 55.12 ng/ml



#4 Heptachlor

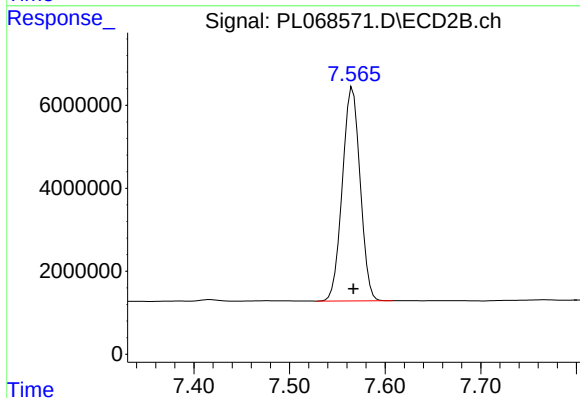
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 70824584  
Conc: 54.34 ng/ml



#5 Aldrin

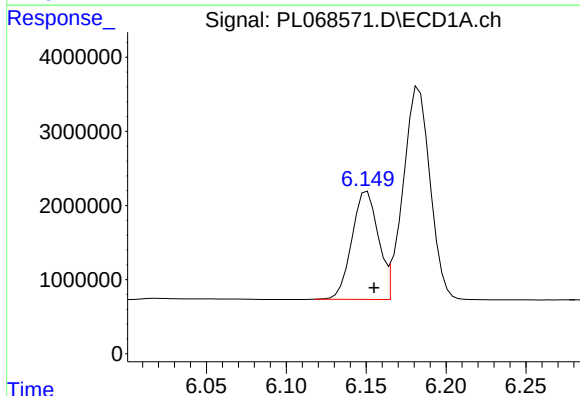
R.T.: 6.508 min  
Delta R.T.: -0.006 min  
Response: 32124248  
Conc: 57.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



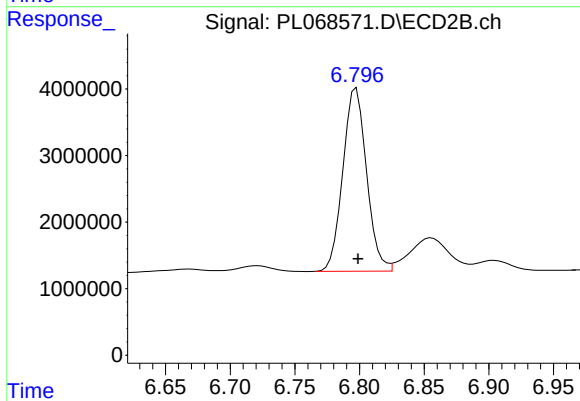
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: -0.001 min  
Response: 66805300  
Conc: 56.31 ng/ml



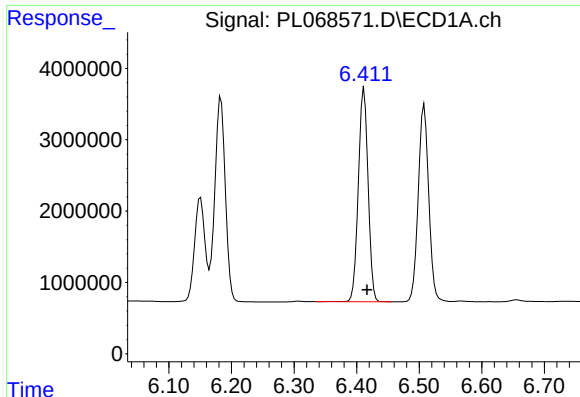
#6 beta-BHC

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 16723899  
Conc: 57.15 ng/ml



#6 beta-BHC

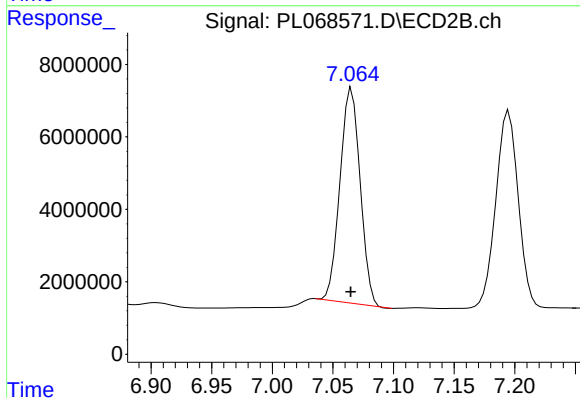
R.T.: 6.798 min  
Delta R.T.: -0.001 min  
Response: 35026393  
Conc: 49.58 ng/ml



#7 delta-BHC

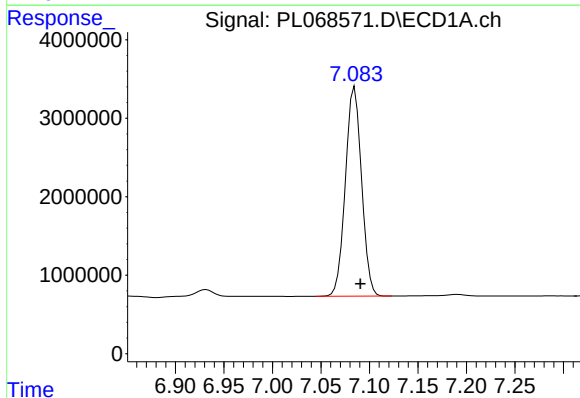
R.T.: 6.412 min  
Delta R.T.: -0.005 min  
Response: 32527384  
Conc: 58.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



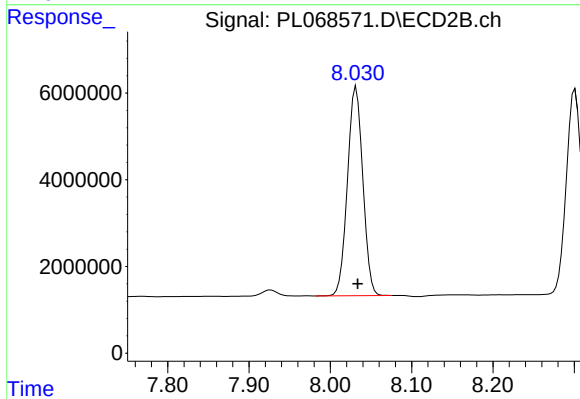
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 68412160  
Conc: 55.84 ng/ml



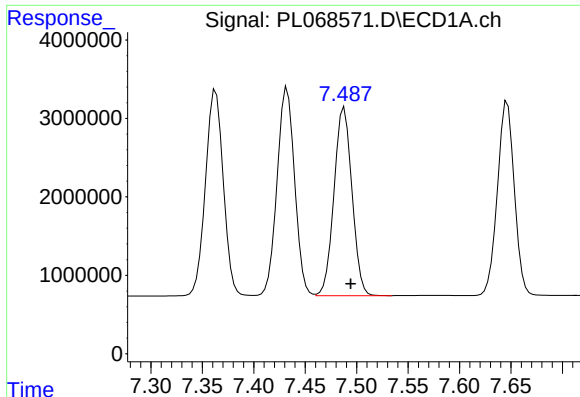
#8 Heptachlor epoxide

R.T.: 7.085 min  
Delta R.T.: -0.006 min  
Response: 30947734  
Conc: 55.71 ng/ml



#8 Heptachlor epoxide

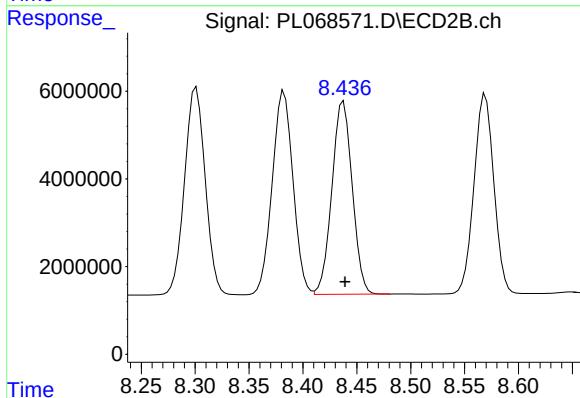
R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 63089833  
Conc: 55.80 ng/ml



#9 Endosulfan I

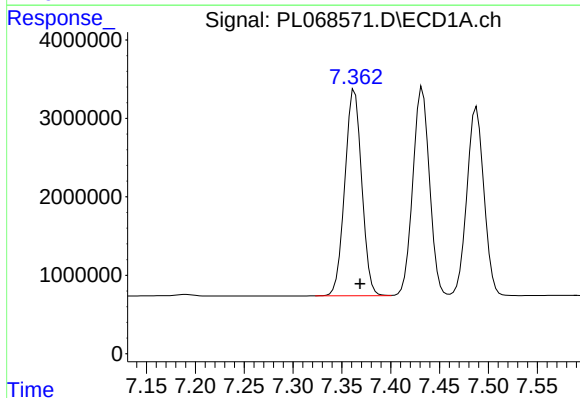
R.T.: 7.488 min  
Delta R.T.: -0.006 min  
Response: 29148533  
Conc: 55.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



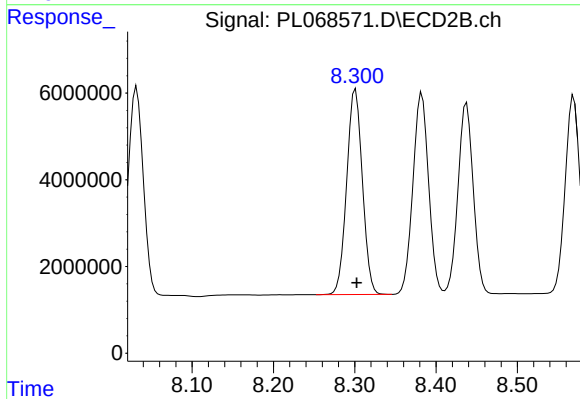
#9 Endosulfan I

R.T.: 8.438 min  
Delta R.T.: -0.001 min  
Response: 57764870  
Conc: 56.10 ng/ml



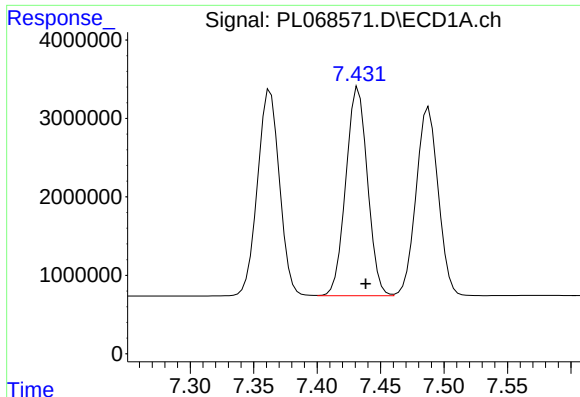
#10 gamma-Chlordane

R.T.: 7.363 min  
Delta R.T.: -0.006 min  
Response: 31661360  
Conc: 55.18 ng/ml



#10 gamma-Chlordane

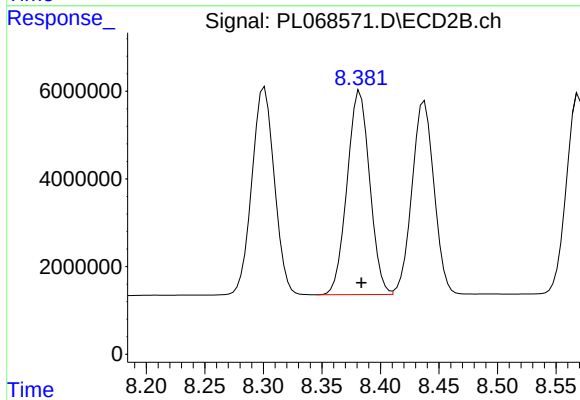
R.T.: 8.301 min  
Delta R.T.: -0.001 min  
Response: 63308361  
Conc: 56.21 ng/ml



#11 alpha-Chlordane

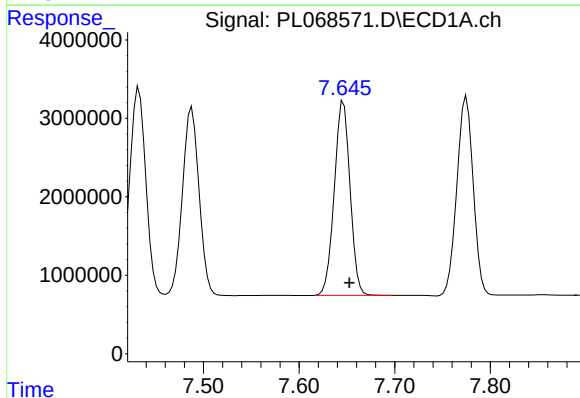
R.T.: 7.432 min  
Delta R.T.: -0.006 min  
Response: 31555365  
Conc: 54.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



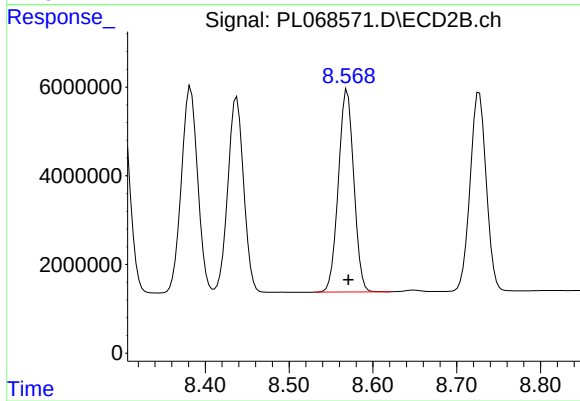
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: -0.001 min  
Response: 62575565  
Conc: 55.64 ng/ml



#12 4,4'-DDE

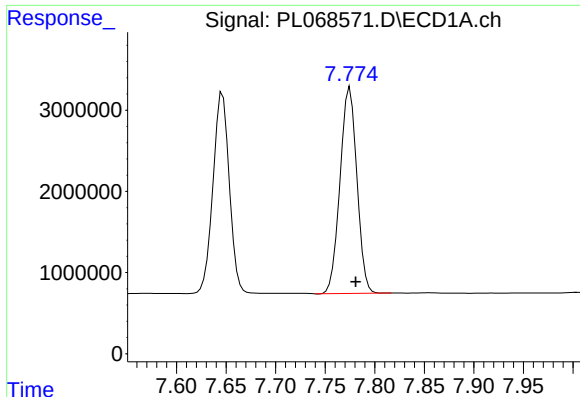
R.T.: 7.646 min  
Delta R.T.: -0.006 min  
Response: 28290016  
Conc: 56.14 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.001 min  
Response: 58300718  
Conc: 56.57 ng/ml

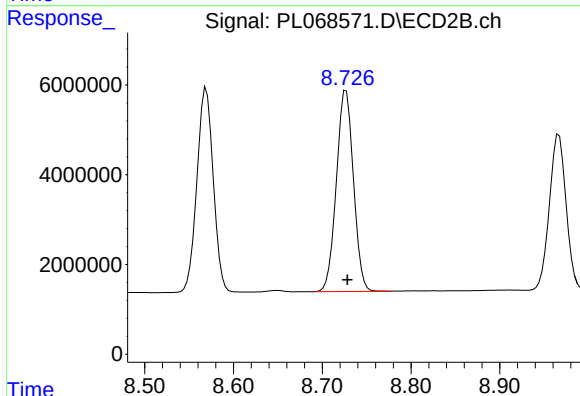




#13 Dieldrin

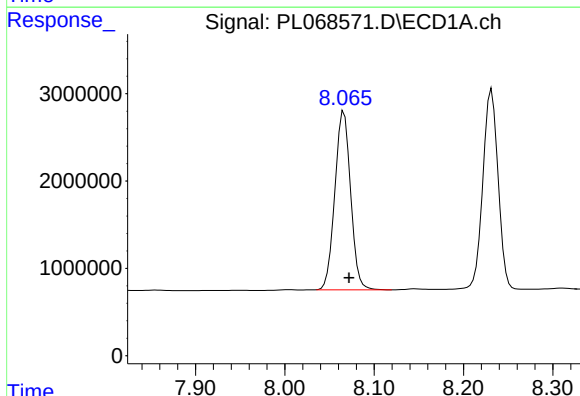
R.T.: 7.775 min  
Delta R.T.: -0.006 min  
Response: 30089919  
Conc: 55.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



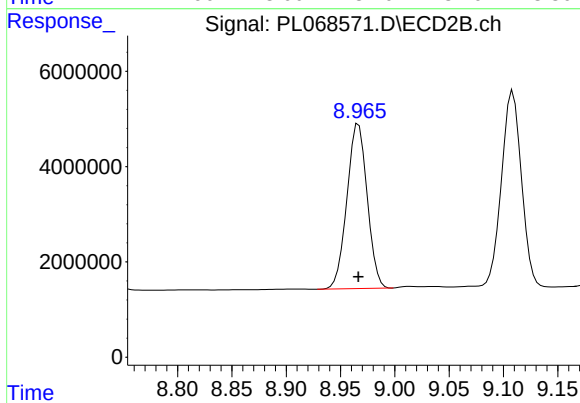
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: -0.002 min  
Response: 59946820  
Conc: 56.52 ng/ml



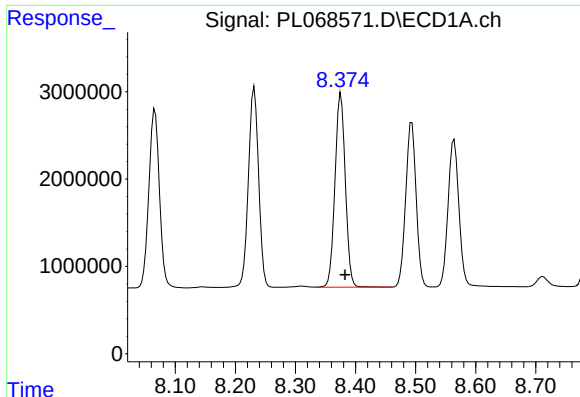
#14 Endrin

R.T.: 8.066 min  
Delta R.T.: -0.006 min  
Response: 25103966  
Conc: 50.20 ng/ml



#14 Endrin

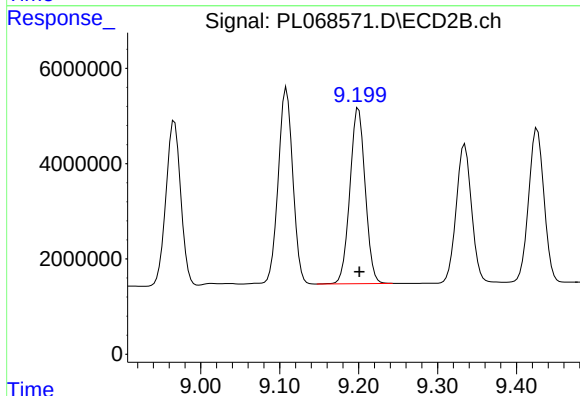
R.T.: 8.967 min  
Delta R.T.: 0.000 min  
Response: 44961344  
Conc: 50.28 ng/ml



#15 Endosulfan II

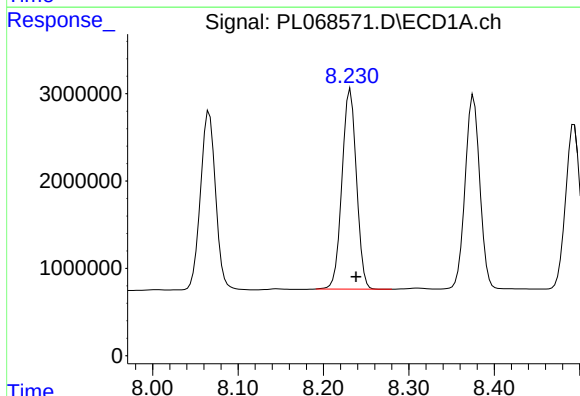
R.T.: 8.376 min  
Delta R.T.: -0.007 min  
Response: 26654666  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



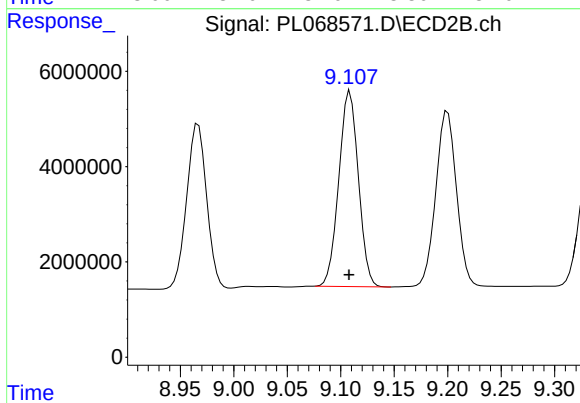
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 49598835  
Conc: 54.72 ng/ml



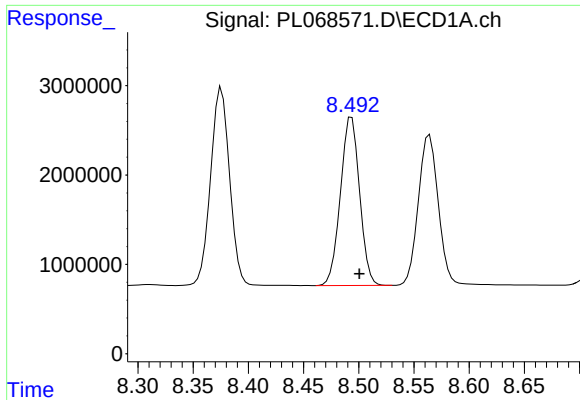
#16 4,4'-DDD

R.T.: 8.232 min  
Delta R.T.: -0.007 min  
Response: 27006833  
Conc: 60.46 ng/ml



#16 4,4'-DDD

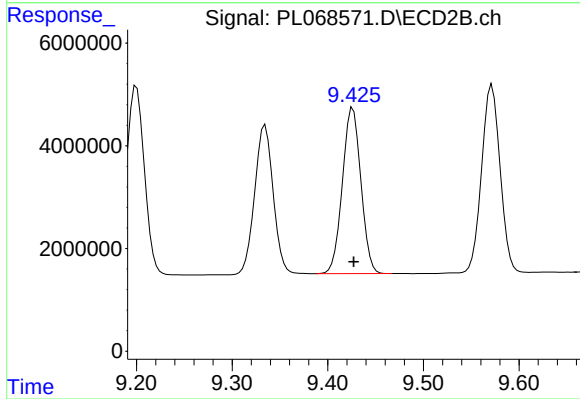
R.T.: 9.109 min  
Delta R.T.: 0.000 min  
Response: 52318645  
Conc: 61.44 ng/ml



#17 4,4'-DDT

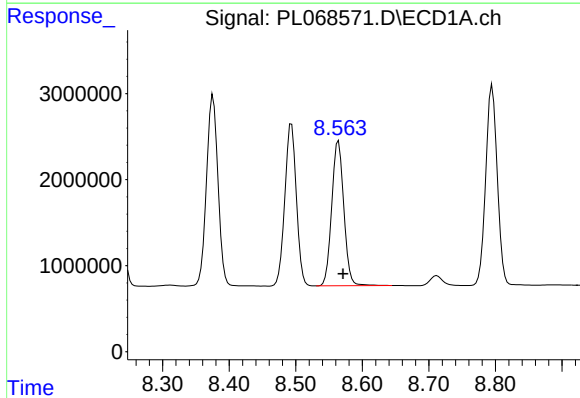
R.T.: 8.494 min  
Delta R.T.: -0.007 min  
Response: 22758798  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



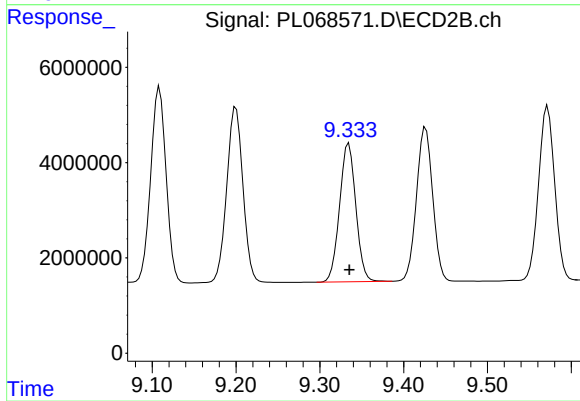
#17 4,4'-DDT

R.T.: 9.426 min  
Delta R.T.: 0.000 min  
Response: 43566116  
Conc: 46.16 ng/ml



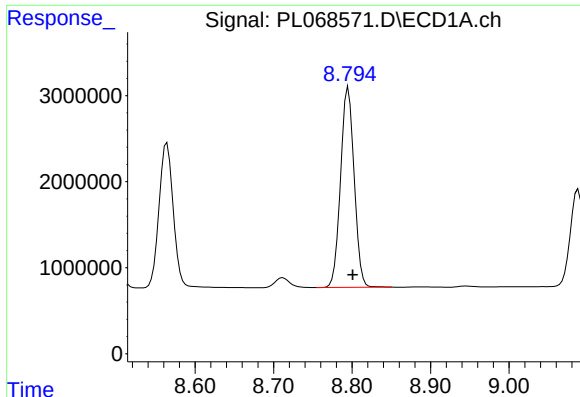
#18 Endrin aldehyde

R.T.: 8.564 min  
Delta R.T.: -0.007 min  
Response: 21283724  
Conc: 53.73 ng/ml



#18 Endrin aldehyde

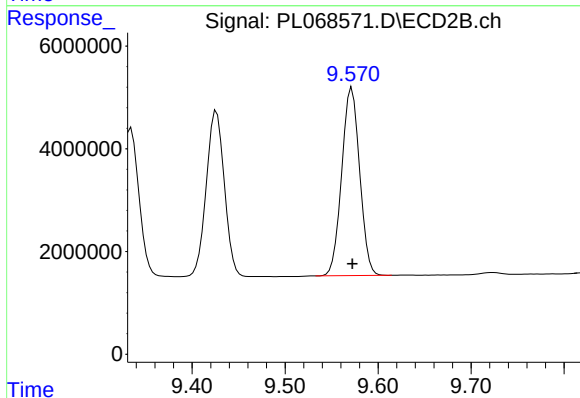
R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 39229544  
Conc: 54.43 ng/ml



#19 Endosulfan Sulfate

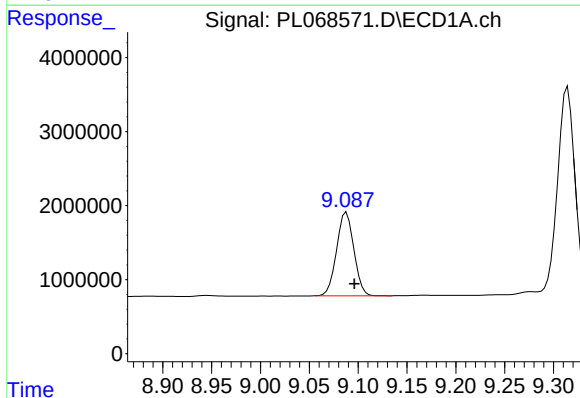
R.T.: 8.795 min  
Delta R.T.: -0.006 min  
Response: 28043353  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



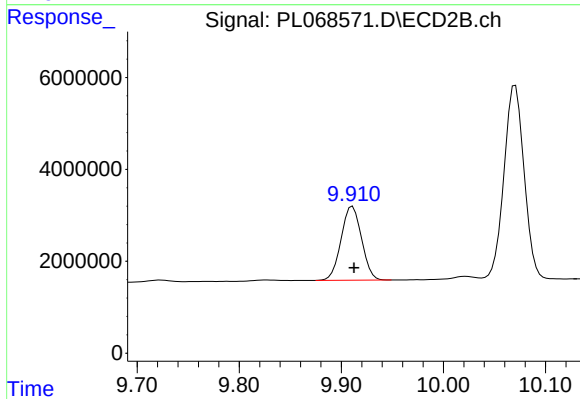
#19 Endosulfan Sulfate

R.T.: 9.572 min  
Delta R.T.: 0.000 min  
Response: 49034593  
Conc: 54.45 ng/ml



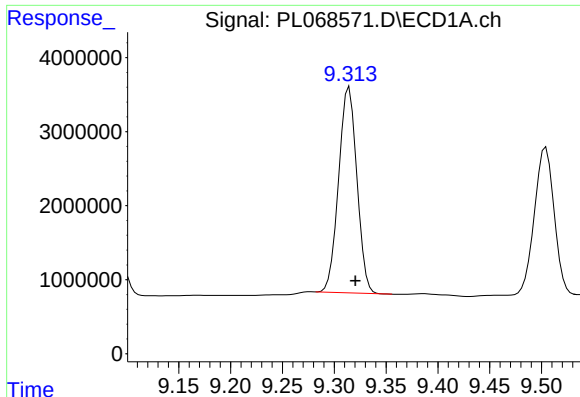
#20 Methoxychlor

R.T.: 9.088 min  
Delta R.T.: -0.008 min  
Response: 13911810  
Conc: 44.47 ng/ml



#20 Methoxychlor

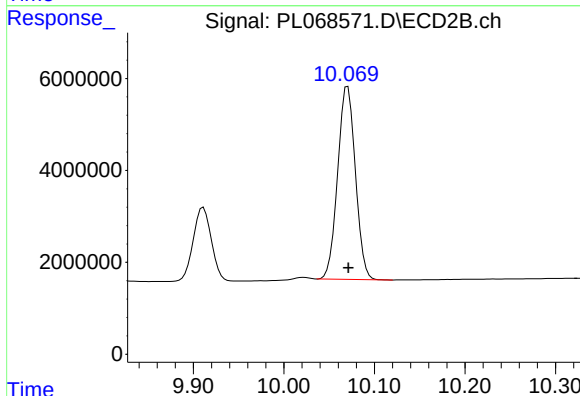
R.T.: 9.911 min  
Delta R.T.: -0.002 min  
Response: 22398262  
Conc: 44.09 ng/ml



#21 Endrin ketone

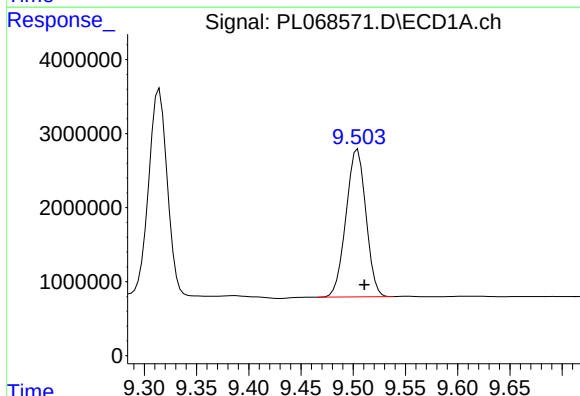
R.T.: 9.315 min  
Delta R.T.: -0.006 min  
Response: 34049745  
Conc: 57.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



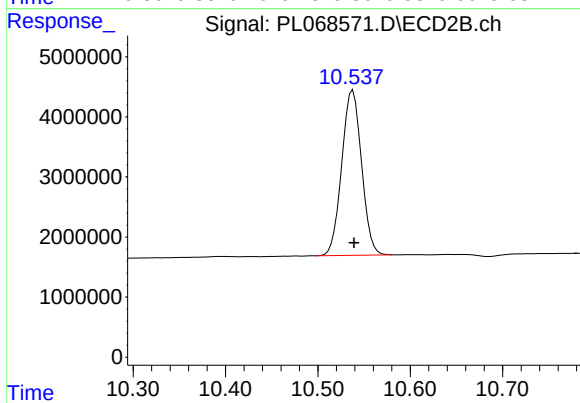
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: 0.000 min  
Response: 57132578  
Conc: 57.29 ng/ml



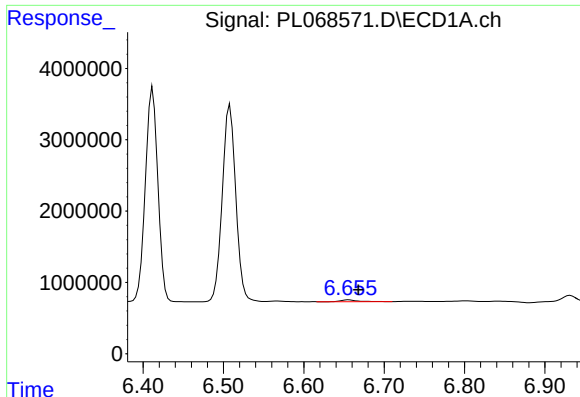
#22 Mirex

R.T.: 9.504 min  
Delta R.T.: -0.006 min  
Response: 26446285  
Conc: 53.55 ng/ml



#22 Mirex

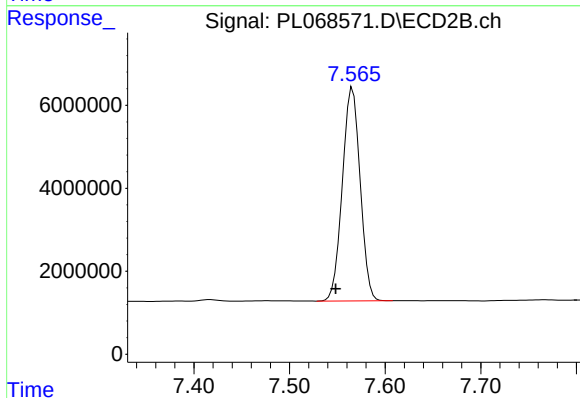
R.T.: 10.538 min  
Delta R.T.: -0.001 min  
Response: 40934639  
Conc: 52.91 ng/ml



#24 Chlordane-2

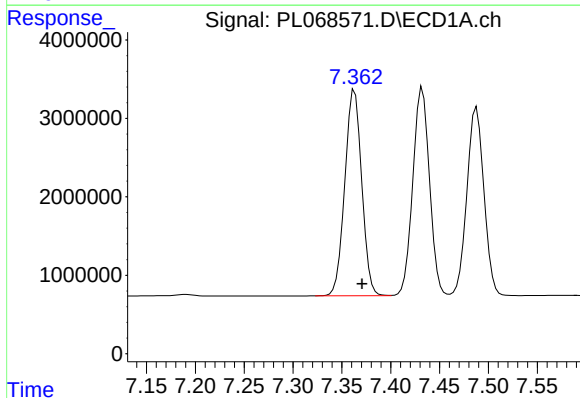
R.T.: 6.656 min  
Delta R.T.: -0.012 min  
Response: 347017  
Conc: 16.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



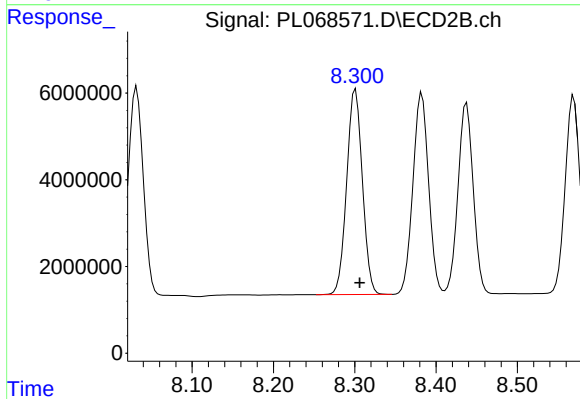
#24 Chlordane-2

R.T.: 7.566 min  
Delta R.T.: 0.018 min  
Response: 66805300  
Conc: 1605.70 ng/ml



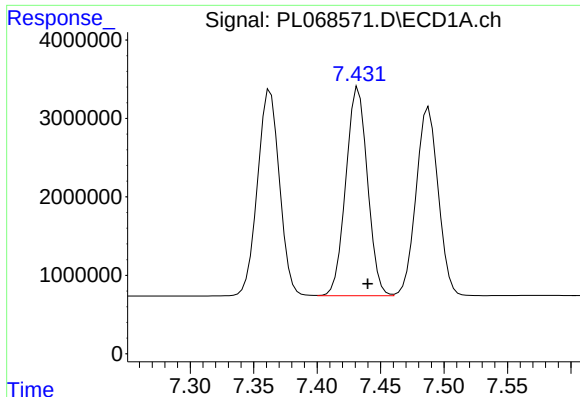
#25 Chlordane-3

R.T.: 7.363 min  
Delta R.T.: -0.008 min  
Response: 31661360  
Conc: 587.91 ng/ml



#25 Chlordane-3

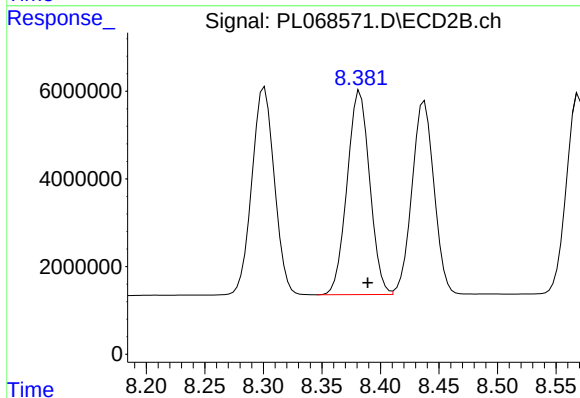
R.T.: 8.301 min  
Delta R.T.: -0.005 min  
Response: 63308361  
Conc: 408.78 ng/ml



#26 Chlordane-4

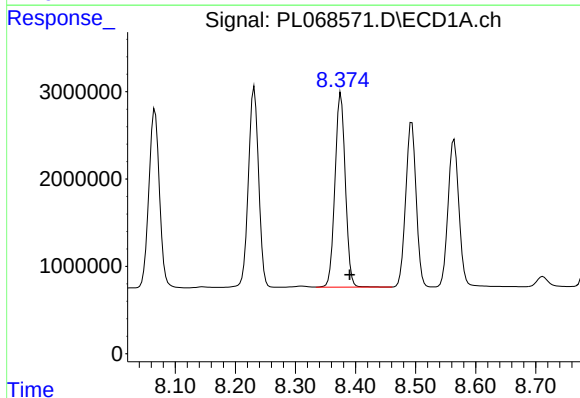
R.T.: 7.432 min  
Delta R.T.: -0.007 min  
Response: 31555365  
Conc: 558.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



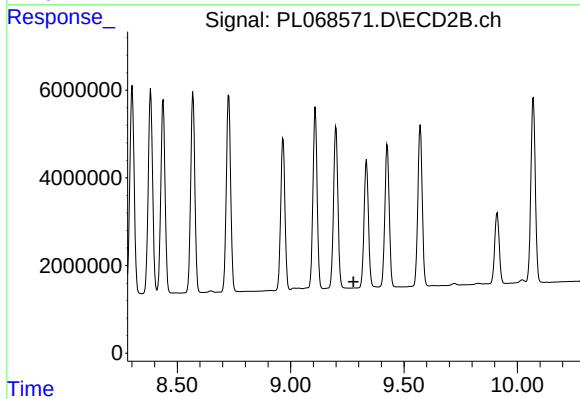
#26 Chlordane-4

R.T.: 8.383 min  
Delta R.T.: -0.007 min  
Response: 62575565  
Conc: 333.77 ng/ml



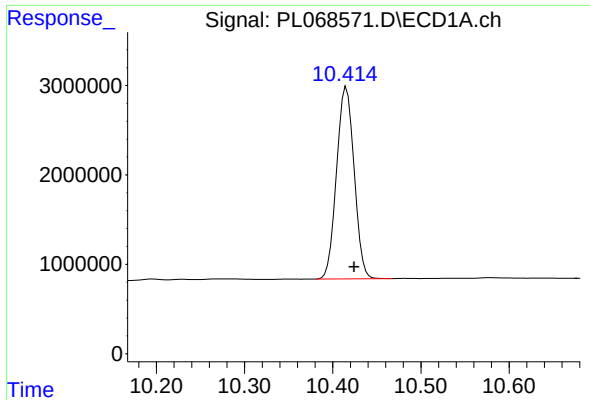
#27 Chlordane-5

R.T.: 8.376 min  
Delta R.T.: -0.015 min  
Response: 26654666  
Conc: 1324.37 ng/ml



#27 Chlordane-5

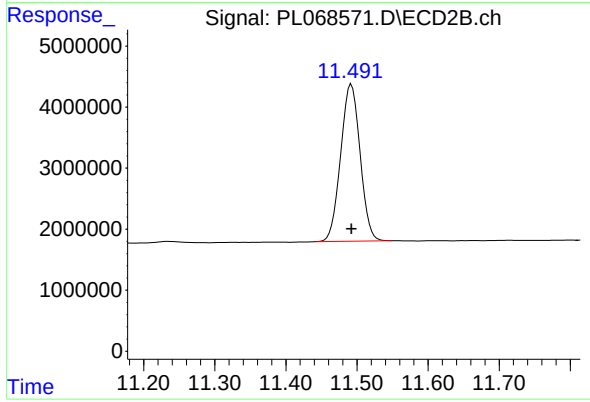
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.416 min  
Delta R.T.: -0.009 min  
Response: 29734651  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: 0.000 min  
Response: 48924412  
Conc: 54.85 ng/ml