

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112221\  
 Data File : PL071119.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2021 19:38  
 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: Nov 23 04:49:08 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 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... | 4.566  | 5.501  | 24727988 | 65619132 | 50.486   | 52.043     |
| 28)                         | SA Decachlor... | 10.329 | 11.392 | 33231192 | 64588714 | 48.634   | 48.295     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.272  | 6.081  | 34123572 | 98236116 | 50.976   | 53.366     |
| 3)                          | MA gamma-BHC... | 5.694  | 6.477  | 33462080 | 92063170 | 49.885   | 53.091     |
| 4)                          | MA Heptachlor   | 6.102  | 7.124  | 35446617 | 91909531 | 49.402   | 56.585     |
| 5)                          | MB Aldrin       | 6.426  | 7.494  | 32546467 | 85630870 | 50.896   | 52.734     |
| 6)                          | B beta-BHC      | 6.077  | 6.734  | 15996973 | 43445664 | 49.247   | 50.705     |
| 7)                          | B delta-BHC     | 6.336  | 7.000  | 34106635 | 91528803 | 51.535   | 54.734     |
| 8)                          | B Heptachlo...  | 7.003  | 7.961  | 31964697 | 78821458 | 49.165   | 51.715     |
| 9)                          | A Endosulfan I  | 7.405  | 8.366  | 30559558 | 73866850 | 49.888   | 51.346     |
| 10)                         | B gamma-Chl...  | 7.280  | 8.230  | 32733687 | 79762488 | 49.311   | 51.514     |
| 11)                         | B alpha-Chl...  | 7.350  | 8.311  | 32780987 | 78681788 | 49.194   | 51.731     |
| 12)                         | B 4,4'-DDE      | 7.565  | 8.500  | 29272138 | 77655934 | 50.242   | 52.630     |
| 13)                         | MA Dieldrin     | 7.691  | 8.655  | 31137125 | 76197528 | 49.882   | 52.293     |
| 14)                         | MA Endrin       | 7.982  | 8.893  | 27422569 | 61899576 | 48.367   | 53.440     |
| 15)                         | B Endosulfa...  | 8.294  | 9.128  | 28587741 | 63496520 | 47.226   | 51.989     |
| 16)                         | A 4,4'-DDD      | 8.151  | 9.040  | 26666308 | 61384015 | 52.483   | 51.007     |
| 17)                         | MA 4,4'-DDT     | 8.411  | 9.357  | 25572573 | 61773704 | 46.498   | 48.966     |
| 18)                         | B Endrin al...  | 8.483  | 9.263  | 22119968 | 49009173 | 48.689   | 50.679     |
| 19)                         | B Endosulfa...  | 8.714  | 9.500  | 30257937 | 62763551 | 49.049   | 50.640     |
| 20)                         | A Methoxychlor  | 9.007  | 9.843  | 16038163 | 31091320 | 43.839   | 45.939     |
| 21)                         | B Endrin ke...  | 9.232  | 9.997  | 36176289 | 70663963 | 50.592   | 49.226     |
| 22)                         | Mirex           | 9.415  | 10.461 | 29696110 | 50702478 | 48.354   | 48.677     |
| 24)                         | Chlordane-2     | 0.000  | 7.494f | 0        | 85630870 | N.D.     | 1632.466 # |
| 25)                         | Chlordane-3     | 7.280  | 8.230  | 32733687 | 79762488 | 536.152  | 394.613 #  |
| 26)                         | Chlordane-4     | 7.350  | 8.311  | 32780987 | 78681788 | 499.327  | 324.233 #  |
| 27)                         | Chlordane-5     | 8.294  | 0.000  | 28587741 | 0        | 1278.643 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

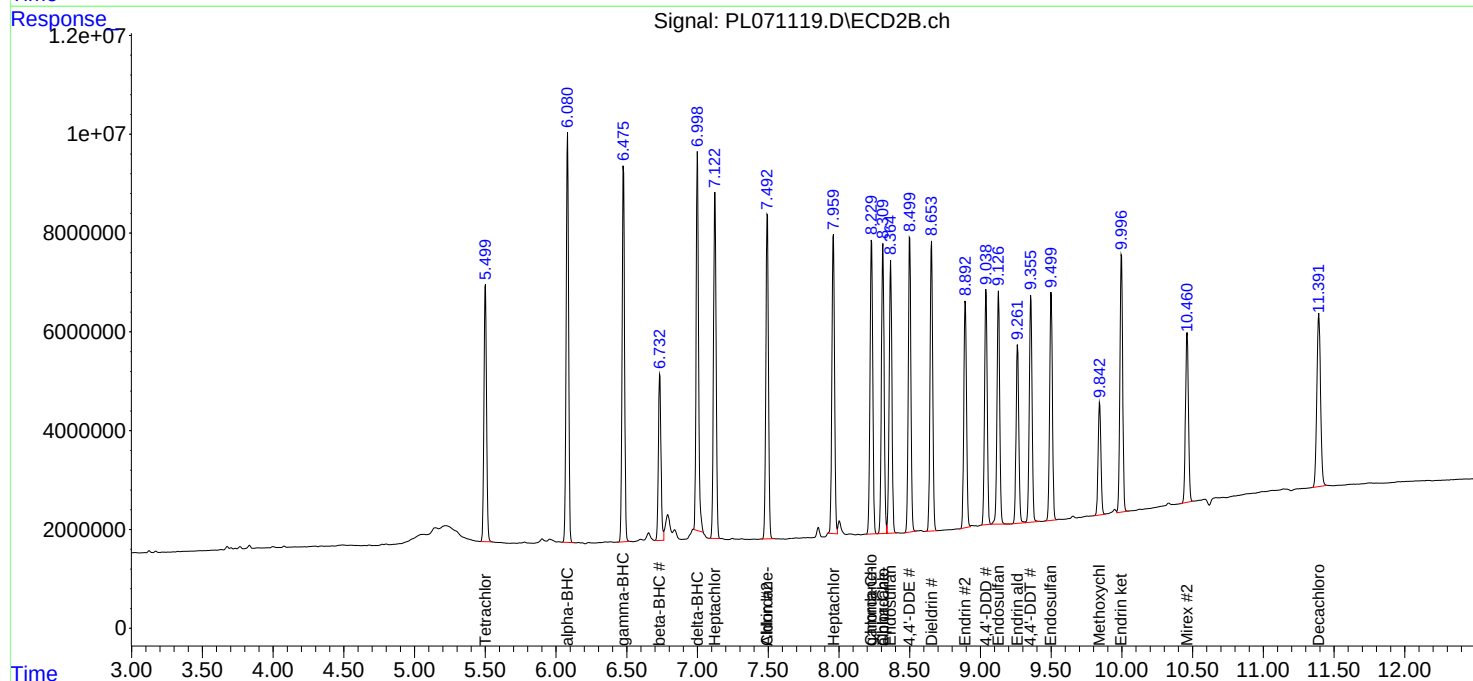
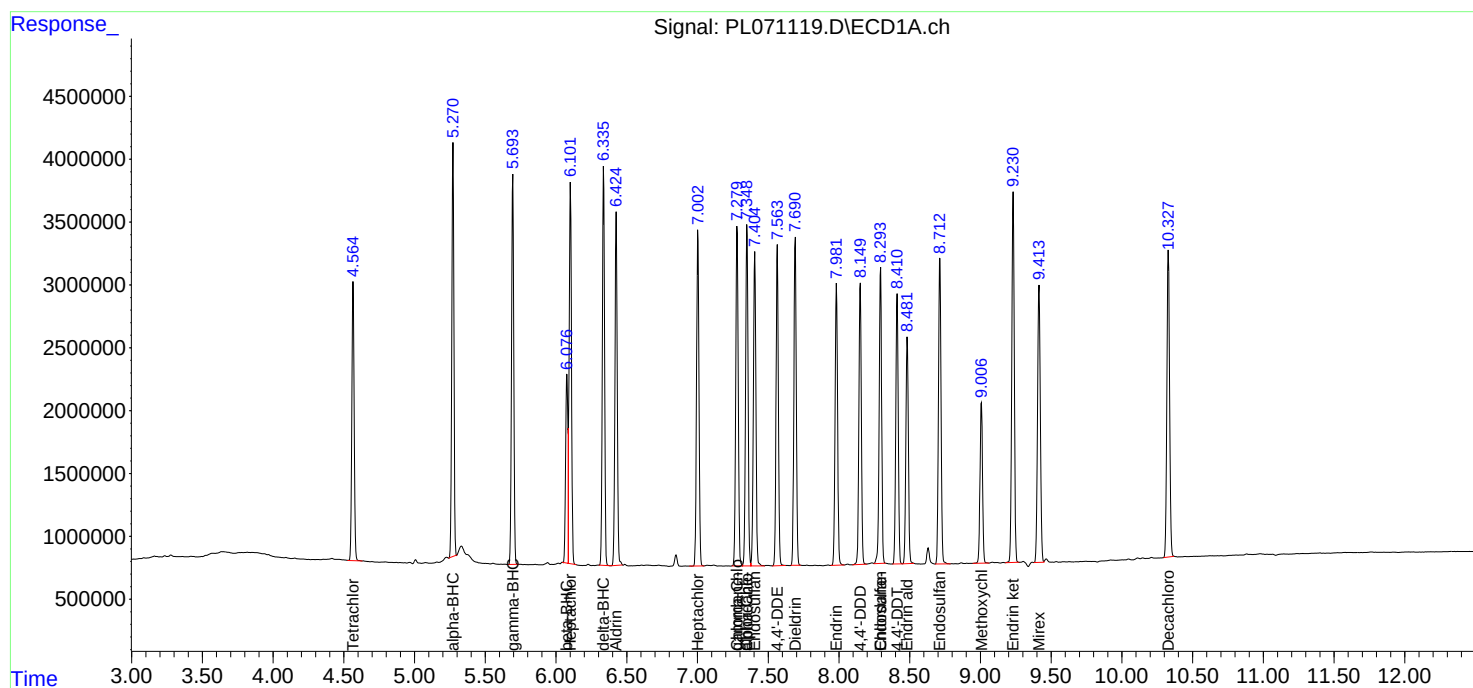
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

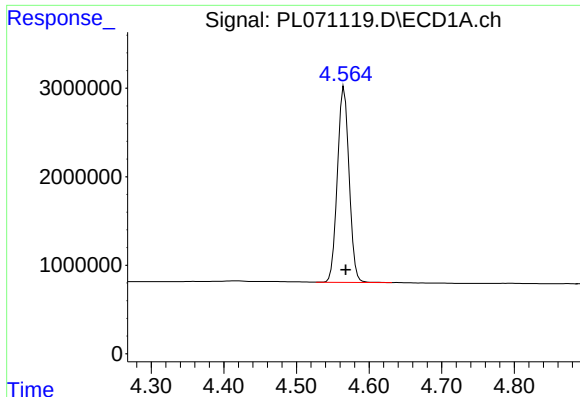
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112221\  
 Data File : PL071119.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2021 19:38  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 23 04:49:08 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 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

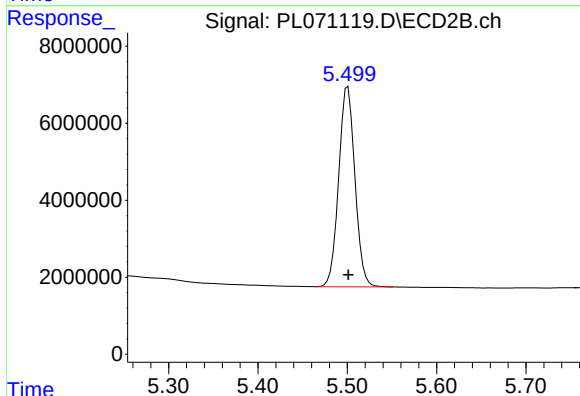




#1 Tetrachloro-m-xylene

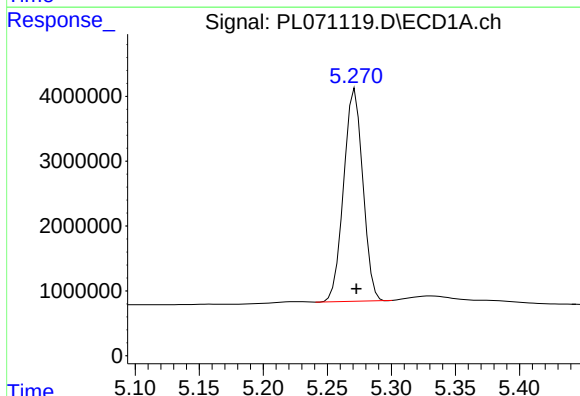
R.T.: 4.566 min  
Delta R.T.: -0.002 min  
Response: 24727988  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



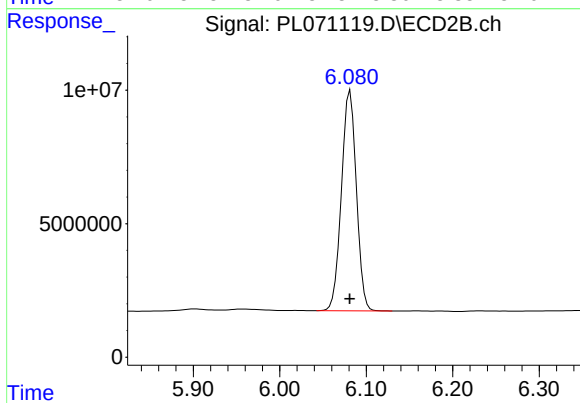
#1 Tetrachloro-m-xylene

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 65619132  
Conc: 52.04 ng/ml



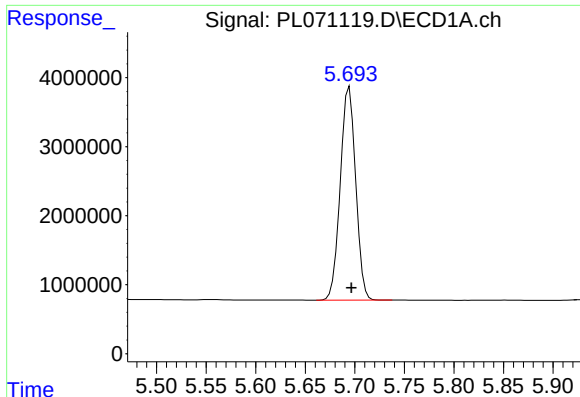
#2 alpha-BHC

R.T.: 5.272 min  
Delta R.T.: -0.001 min  
Response: 34123572  
Conc: 50.98 ng/ml



#2 alpha-BHC

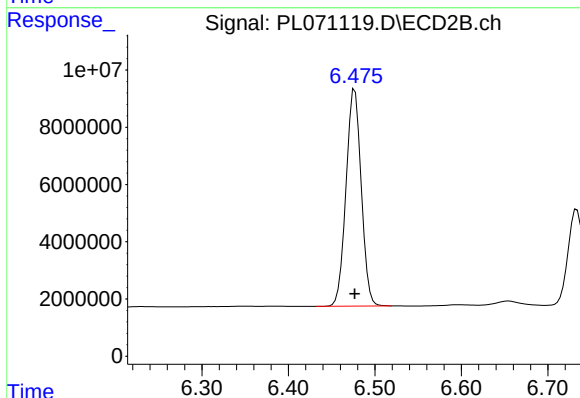
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 98236116  
Conc: 53.37 ng/ml



#3 gamma-BHC (Lindane)

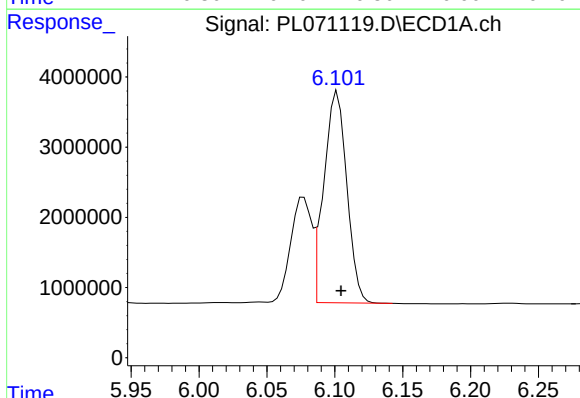
R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 33462080  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



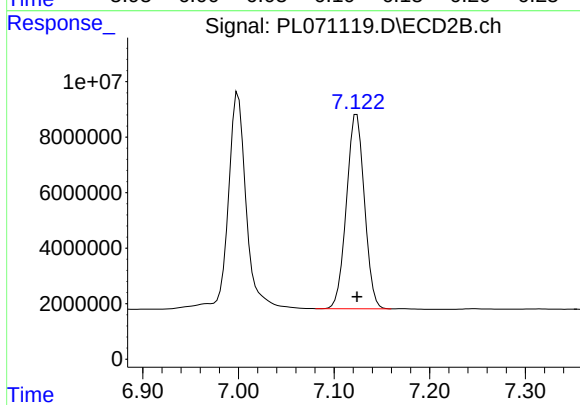
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 92063170  
Conc: 53.09 ng/ml



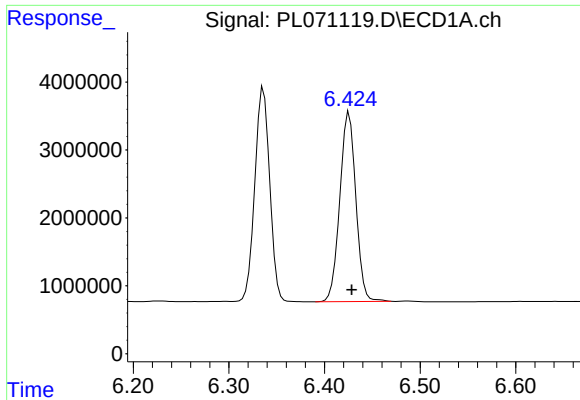
#4 Heptachlor

R.T.: 6.102 min  
Delta R.T.: -0.003 min  
Response: 35446617  
Conc: 49.40 ng/ml



#4 Heptachlor

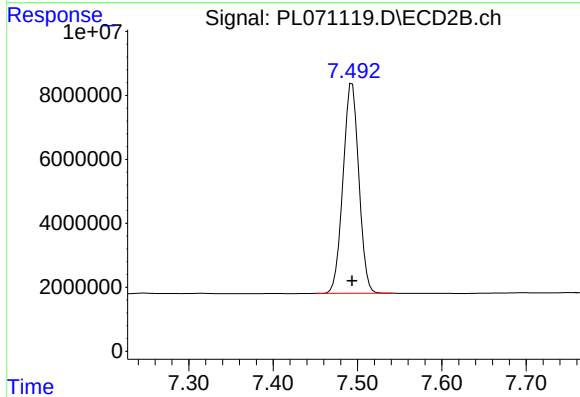
R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 91909531  
Conc: 56.58 ng/ml



#5 Aldrin

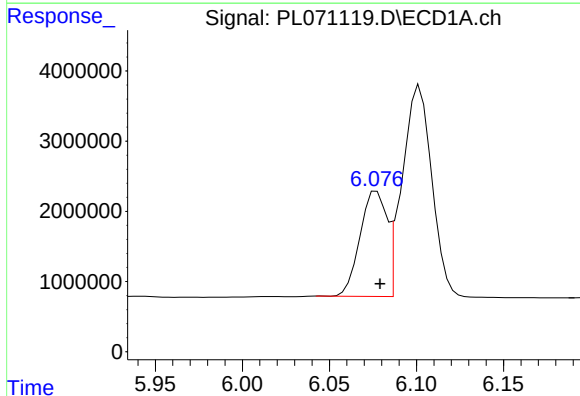
R.T.: 6.426 min  
Delta R.T.: -0.003 min  
Response: 32546467  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



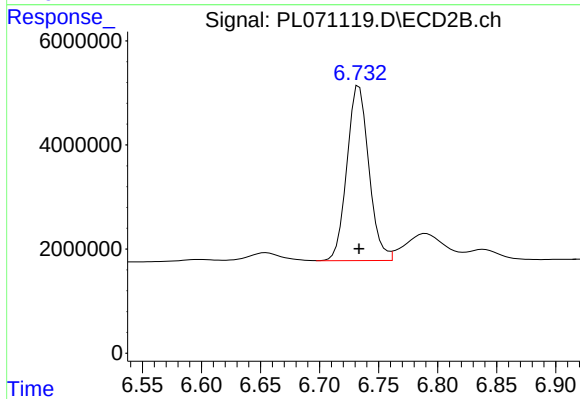
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 85630870  
Conc: 52.73 ng/ml



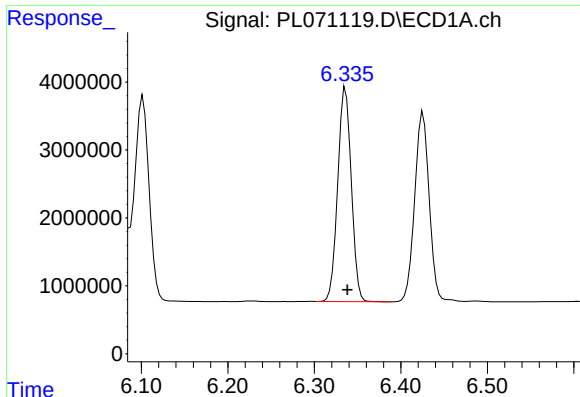
#6 beta-BHC

R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 15996973  
Conc: 49.25 ng/ml



#6 beta-BHC

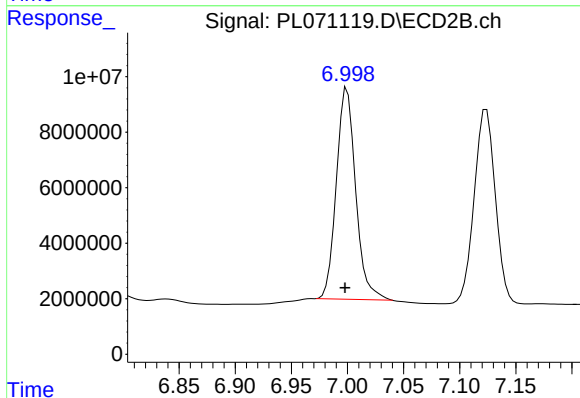
R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 43445664  
Conc: 50.71 ng/ml



#7 delta-BHC

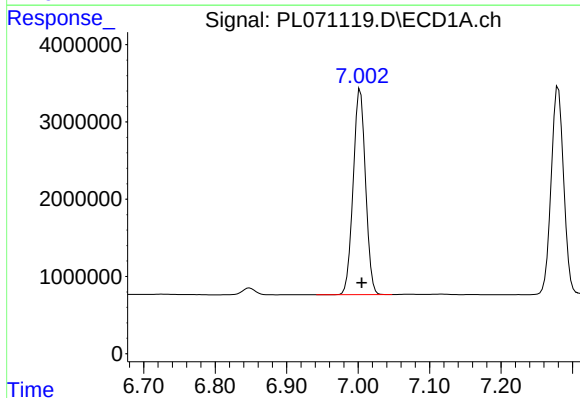
R.T.: 6.336 min  
Delta R.T.: -0.002 min  
Response: 34106635  
Conc: 51.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



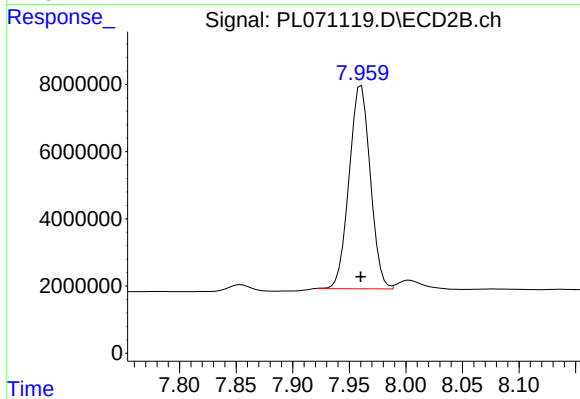
#7 delta-BHC

R.T.: 7.000 min  
Delta R.T.: 0.002 min  
Response: 91528803  
Conc: 54.73 ng/ml



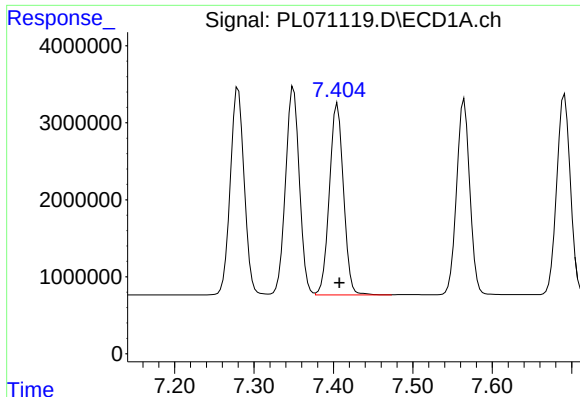
#8 Heptachlor epoxide

R.T.: 7.003 min  
Delta R.T.: -0.002 min  
Response: 31964697  
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

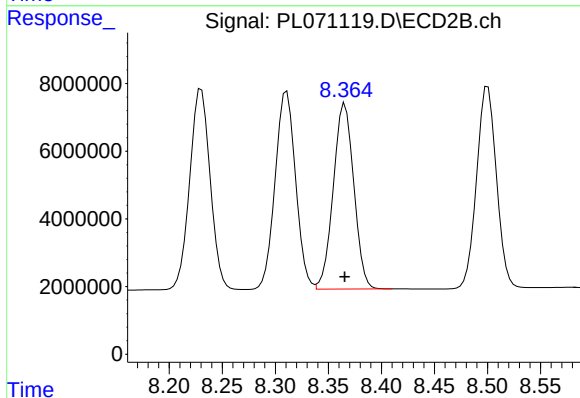
R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 78821458  
Conc: 51.71 ng/ml



#9 Endosulfan I

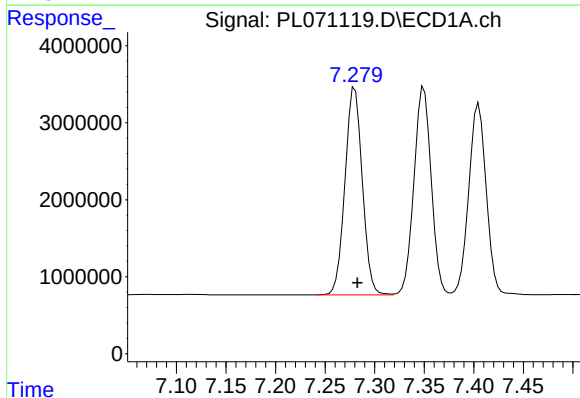
R.T.: 7.405 min  
Delta R.T.: -0.002 min  
Response: 30559558  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



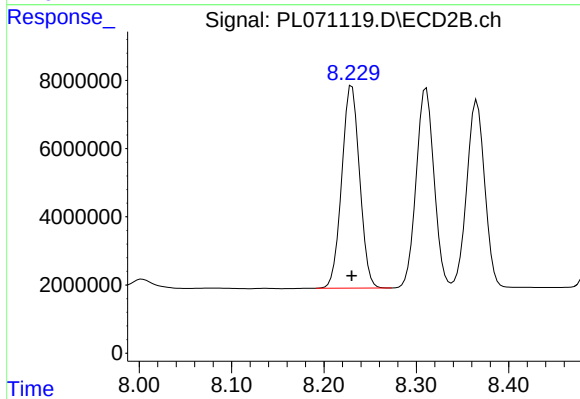
#9 Endosulfan I

R.T.: 8.366 min  
Delta R.T.: 0.000 min  
Response: 73866850  
Conc: 51.35 ng/ml



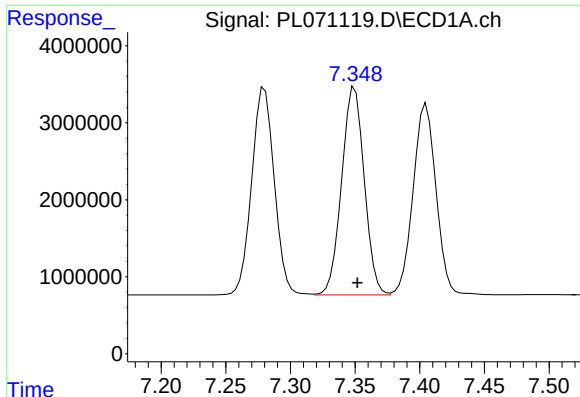
#10 gamma-Chlordane

R.T.: 7.280 min  
Delta R.T.: -0.003 min  
Response: 32733687  
Conc: 49.31 ng/ml



#10 gamma-Chlordane

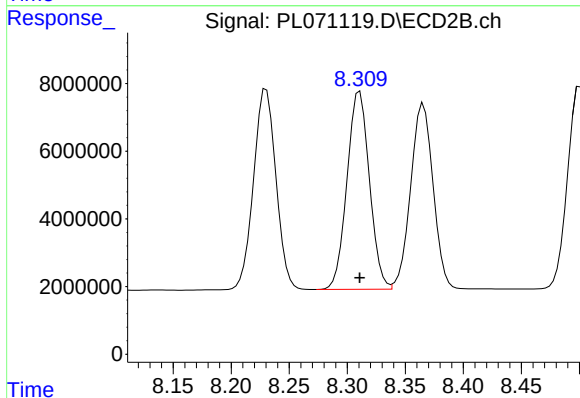
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 79762488  
Conc: 51.51 ng/ml



#11 alpha-Chlordane

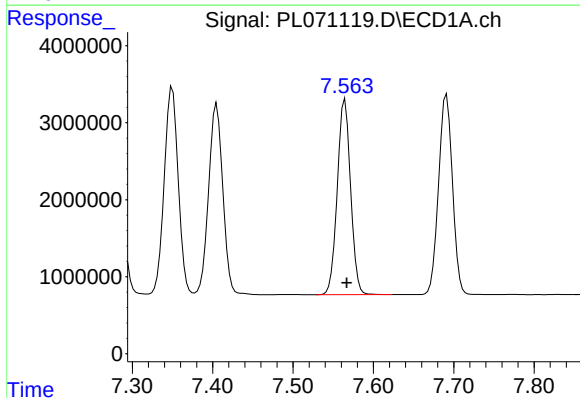
R.T.: 7.350 min  
Delta R.T.: -0.002 min  
Response: 32780987  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



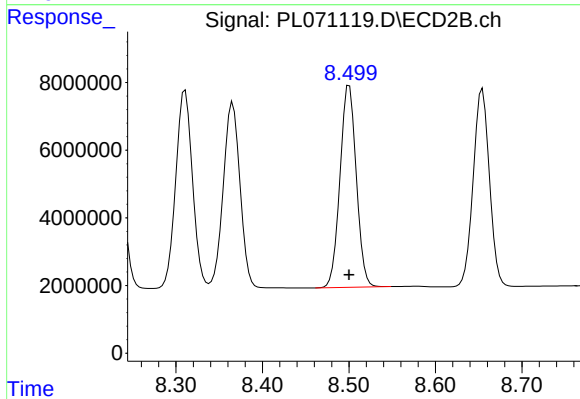
#11 alpha-Chlordane

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 78681788  
Conc: 51.73 ng/ml



#12 4,4'-DDE

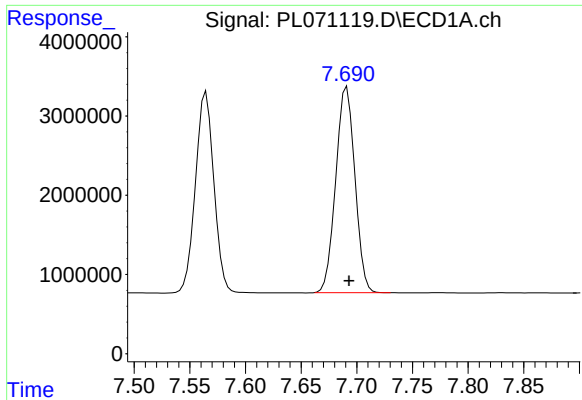
R.T.: 7.565 min  
Delta R.T.: -0.002 min  
Response: 29272138  
Conc: 50.24 ng/ml



#12 4,4'-DDE

R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 77655934  
Conc: 52.63 ng/ml

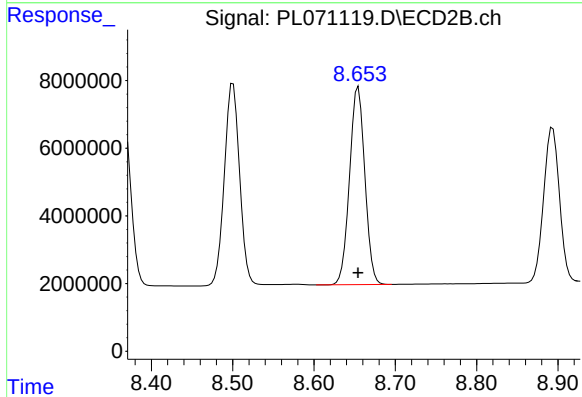




#13 Dieldrin

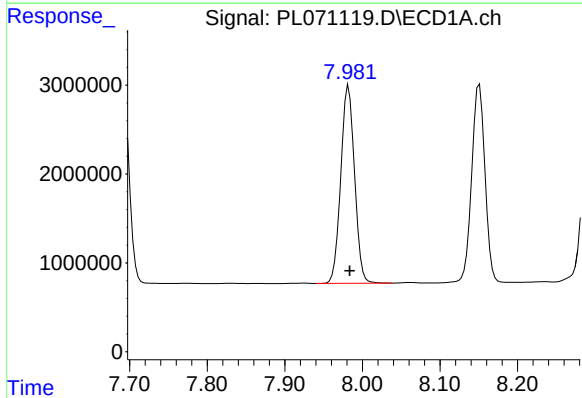
R.T.: 7.691 min  
Delta R.T.: -0.002 min  
Response: 31137125  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



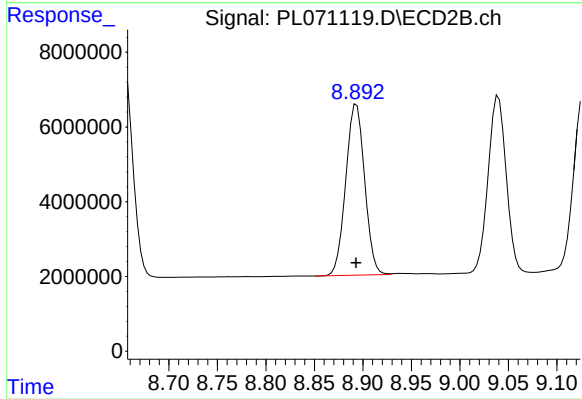
#13 Dieldrin

R.T.: 8.655 min  
Delta R.T.: 0.000 min  
Response: 76197528  
Conc: 52.29 ng/ml



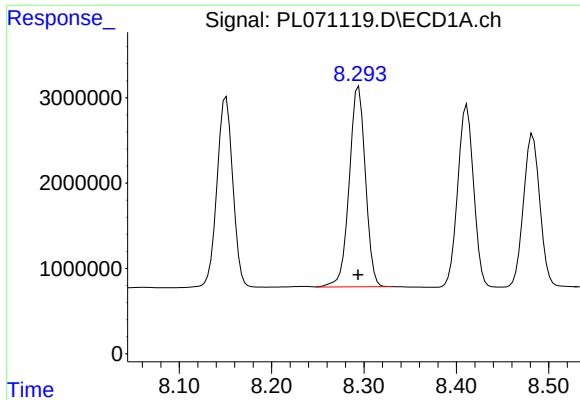
#14 Endrin

R.T.: 7.982 min  
Delta R.T.: -0.001 min  
Response: 27422569  
Conc: 48.37 ng/ml



#14 Endrin

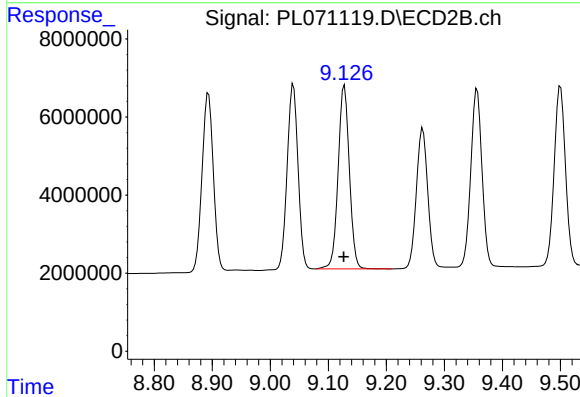
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 61899576  
Conc: 53.44 ng/ml



#15 Endosulfan II

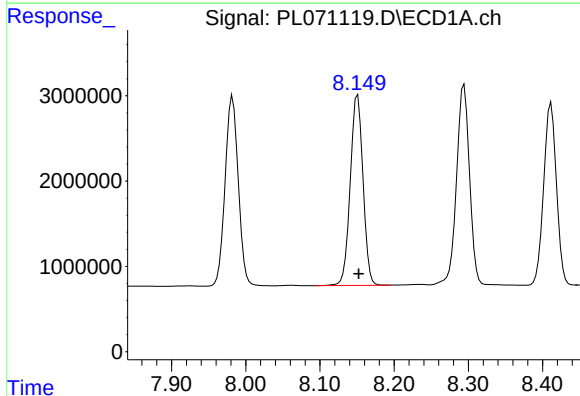
R.T.: 8.294 min  
Delta R.T.: 0.000 min  
Response: 28587741  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



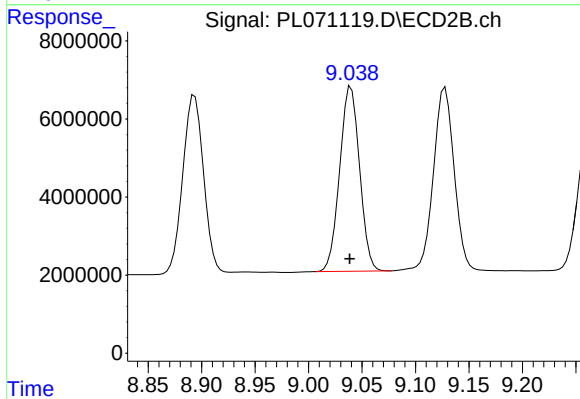
#15 Endosulfan II

R.T.: 9.128 min  
Delta R.T.: 0.001 min  
Response: 63496520  
Conc: 51.99 ng/ml



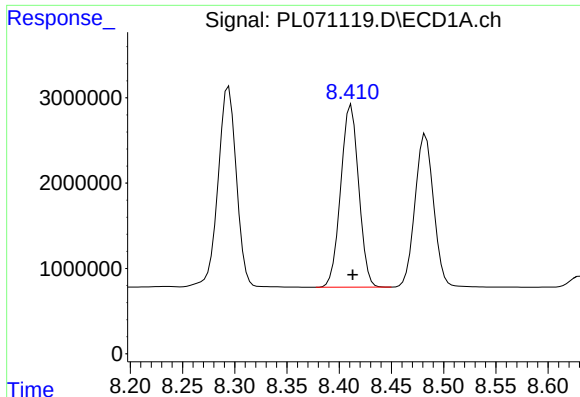
#16 4,4'-DDD

R.T.: 8.151 min  
Delta R.T.: -0.002 min  
Response: 26666308  
Conc: 52.48 ng/ml



#16 4,4'-DDD

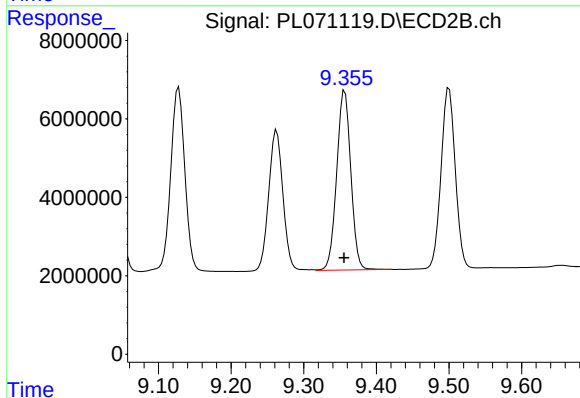
R.T.: 9.040 min  
Delta R.T.: 0.001 min  
Response: 61384015  
Conc: 51.01 ng/ml



#17 4,4'-DDT

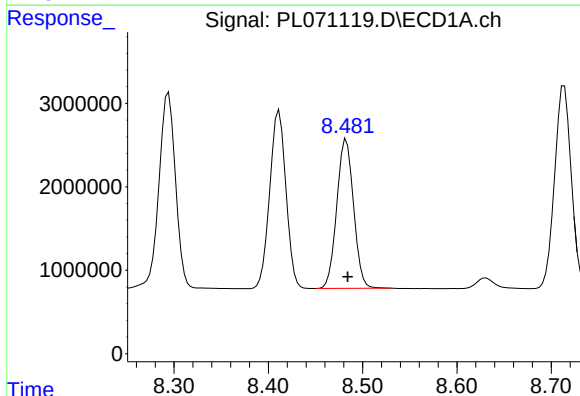
R.T.: 8.411 min  
Delta R.T.: -0.002 min  
Response: 25572573  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



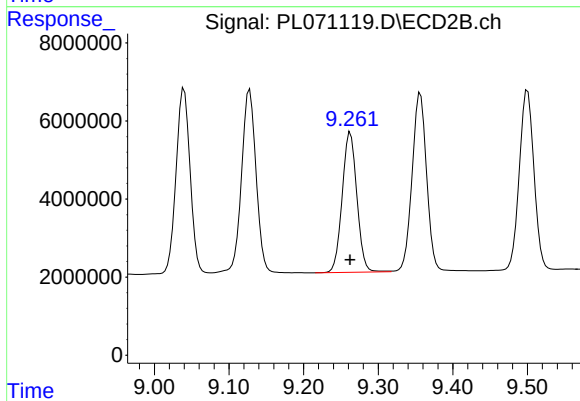
#17 4,4'-DDT

R.T.: 9.357 min  
Delta R.T.: 0.000 min  
Response: 61773704  
Conc: 48.97 ng/ml



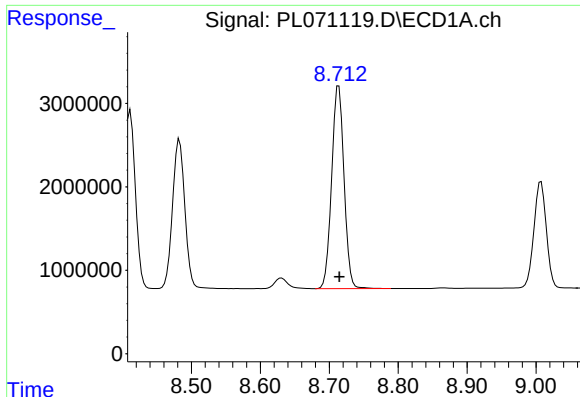
#18 Endrin aldehyde

R.T.: 8.483 min  
Delta R.T.: -0.001 min  
Response: 22119968  
Conc: 48.69 ng/ml



#18 Endrin aldehyde

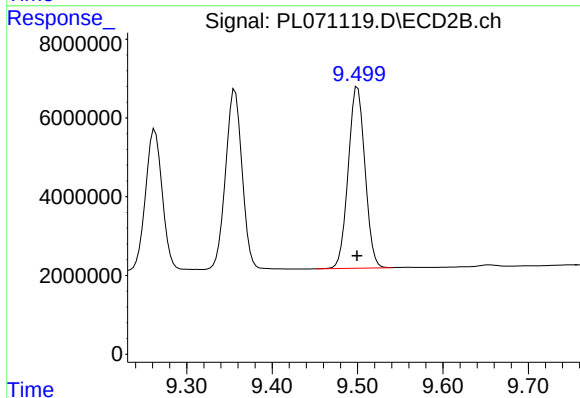
R.T.: 9.263 min  
Delta R.T.: 0.000 min  
Response: 49009173  
Conc: 50.68 ng/ml



#19 Endosulfan Sulfate

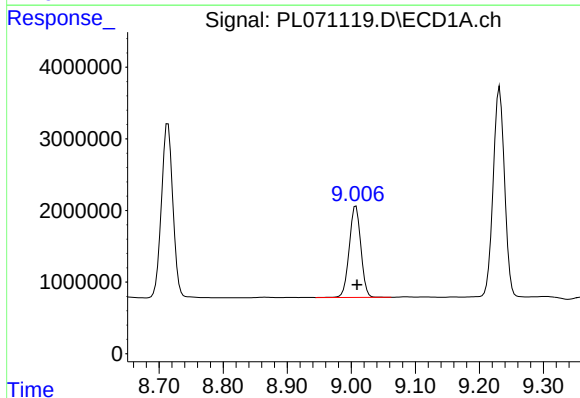
R.T.: 8.714 min  
Delta R.T.: 0.000 min  
Response: 30257937  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



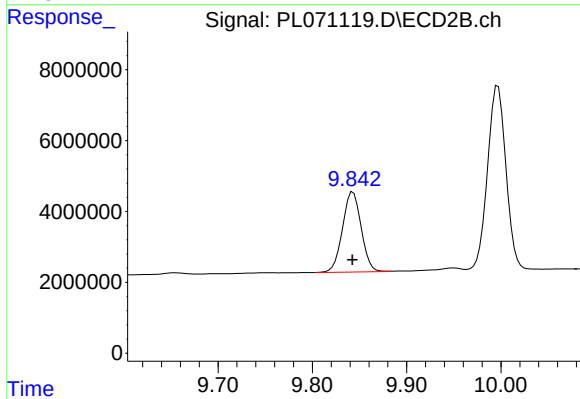
#19 Endosulfan Sulfate

R.T.: 9.500 min  
Delta R.T.: 0.000 min  
Response: 62763551  
Conc: 50.64 ng/ml



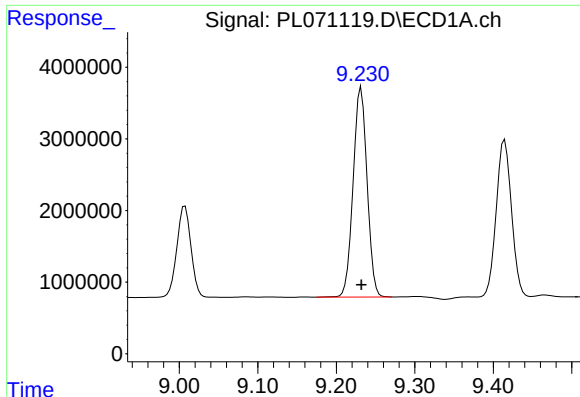
#20 Methoxychlor

R.T.: 9.007 min  
Delta R.T.: -0.001 min  
Response: 16038163  
Conc: 43.84 ng/ml



#20 Methoxychlor

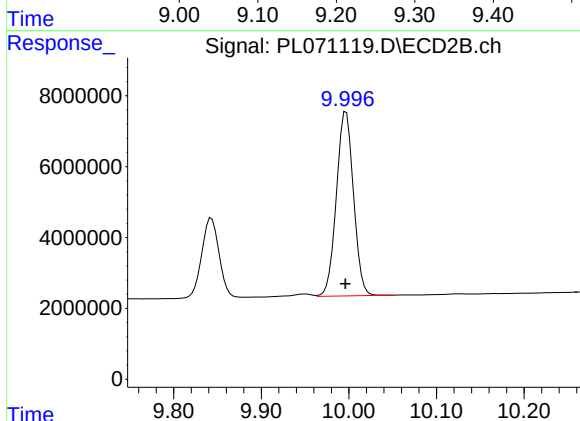
R.T.: 9.843 min  
Delta R.T.: 0.000 min  
Response: 31091320  
Conc: 45.94 ng/ml



#21 Endrin ketone

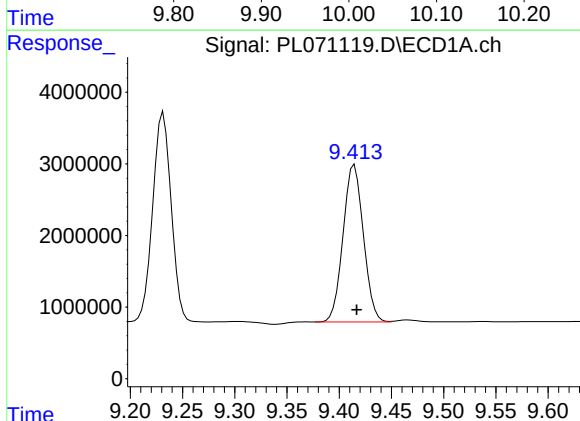
R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 36176289  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



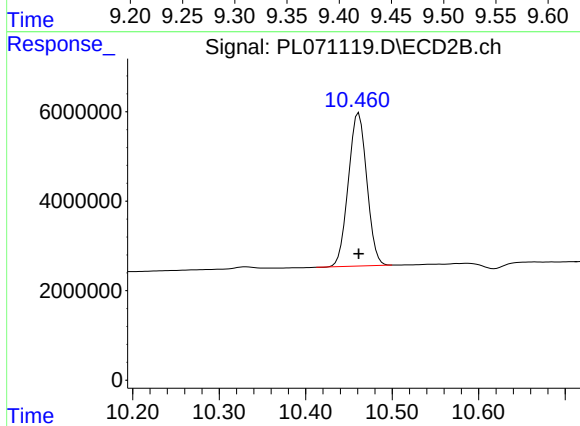
#21 Endrin ketone

R.T.: 9.997 min  
Delta R.T.: 0.000 min  
Response: 70663963  
Conc: 49.23 ng/ml



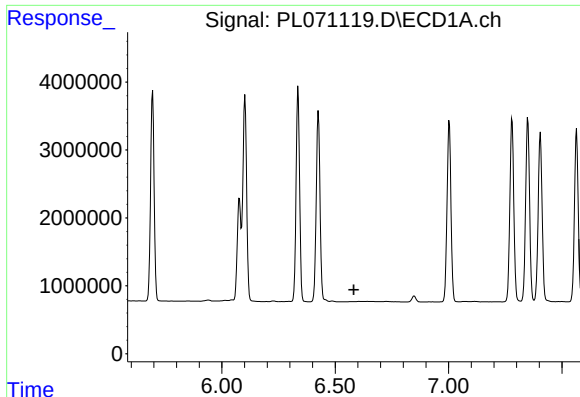
#22 Mirex

R.T.: 9.415 min  
Delta R.T.: -0.002 min  
Response: 29696110  
Conc: 48.35 ng/ml



#22 Mirex

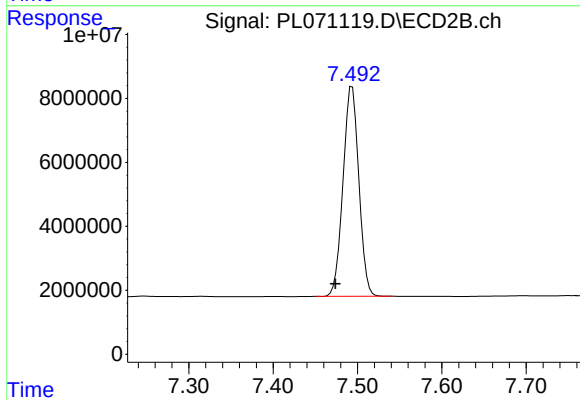
R.T.: 10.461 min  
Delta R.T.: 0.000 min  
Response: 50702478  
Conc: 48.68 ng/ml



#24 Chlordane-2

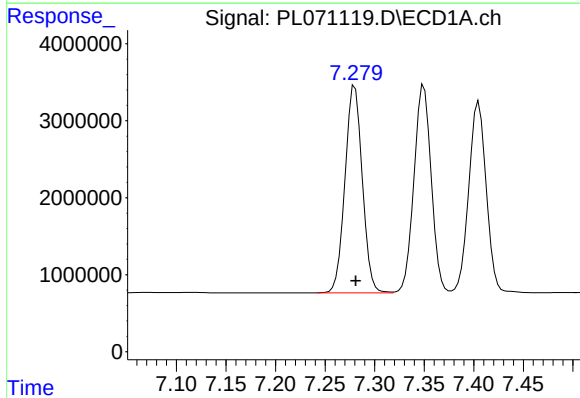
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



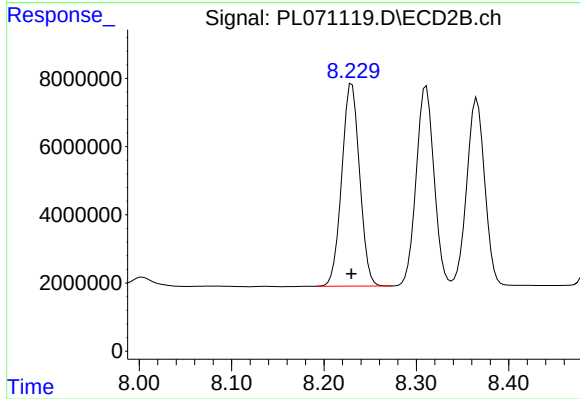
#24 Chlordane-2

R.T.: 7.494 min  
Delta R.T.: 0.020 min  
Response: 85630870  
Conc: 1632.47 ng/ml



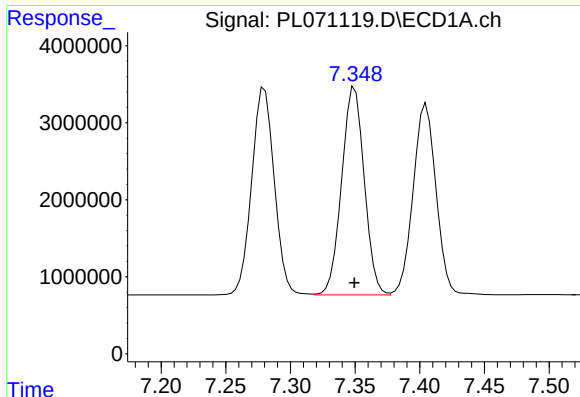
#25 Chlordane-3

R.T.: 7.280 min  
Delta R.T.: 0.000 min  
Response: 32733687  
Conc: 536.15 ng/ml



#25 Chlordane-3

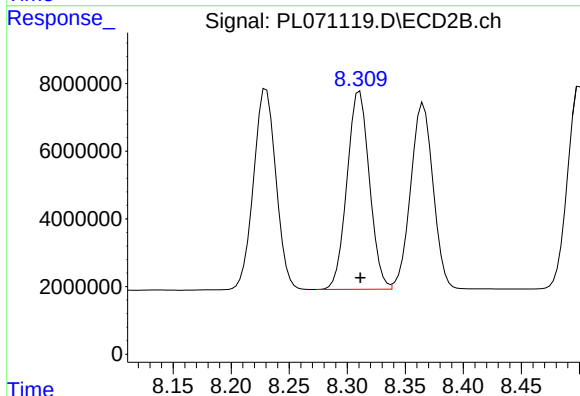
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 79762488  
Conc: 394.61 ng/ml



#26 Chlordane-4

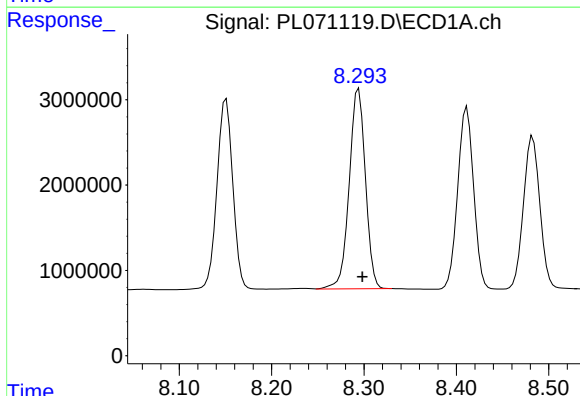
R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 32780987  
Conc: 499.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



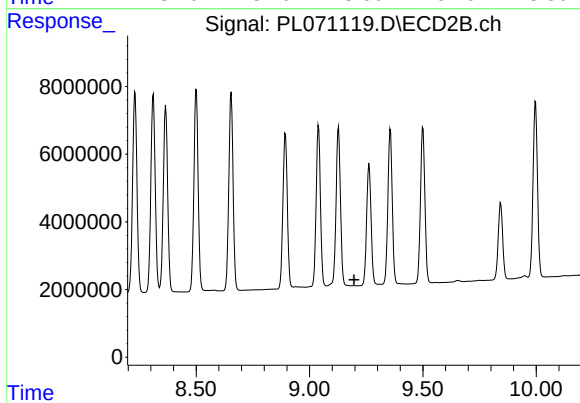
#26 Chlordane-4

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 78681788  
Conc: 324.23 ng/ml



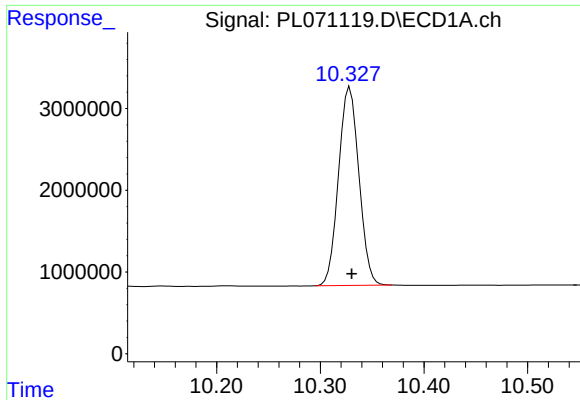
#27 Chlordane-5

R.T.: 8.294 min  
Delta R.T.: -0.004 min  
Response: 28587741  
Conc: 1278.64 ng/ml



#27 Chlordane-5

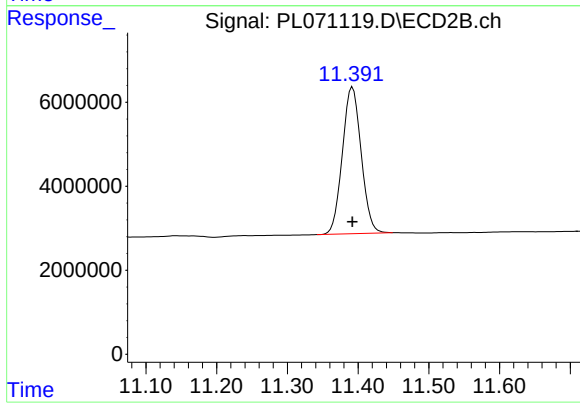
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.329 min  
Delta R.T.: -0.002 min  
Response: 33231192  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.392 min  
Delta R.T.: 0.000 min  
Response: 64588714  
Conc: 48.30 ng/ml