

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021622\  
 Data File : PL072748.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2022 16:22  
 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: Feb 17 01:01:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.561  | 5.488  | 22330963 | 76479258 | 46.377   | 44.275     |
| 28)                         | SA Decachlor... | 10.316 | 11.379 | 36524426 | 81708492 | 48.245   | 51.526     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.266  | 6.070  | 31610017 | 112.3E6  | 47.941   | 46.909     |
| 3)                          | MA gamma-BHC... | 5.689  | 6.467  | 30440492 | 106.2E6  | 48.435   | 46.113     |
| 4)                          | MA Heptachlor   | 6.095  | 7.112  | 46888171 | 107.7E6  | 64.237   | 47.310 #   |
| 5)                          | MB Aldrin       | 6.417  | 7.482  | 31751679 | 103.2E6  | 49.177   | 48.272     |
| 6)                          | B beta-BHC      | 6.095f | 6.727  | 46888171 | 46150345 | 189.226  | 45.271 #   |
| 7)                          | B delta-BHC     | 6.332  | 6.993  | 31832060 | 105.5E6  | 48.076   | 46.033     |
| 8)                          | B Heptachlo...  | 6.994  | 7.950  | 31347650 | 98725202 | 49.723   | 51.172     |
| 9)                          | A Endosulfan I  | 7.396  | 8.355  | 29411634 | 86658698 | 50.272   | 49.534     |
| 10)                         | B gamma-Chl...  | 7.271  | 8.220  | 31769299 | 98210210 | 50.152   | 50.774     |
| 11)                         | B alpha-Chl...  | 7.341  | 8.300  | 32051504 | 94229354 | 50.334   | 49.595     |
| 12)                         | B 4,4'-DDE      | 7.555  | 8.491  | 30979177 | 90434735 | 50.977   | 48.385     |
| 13)                         | MA Dieldrin     | 7.682  | 8.644  | 32109230 | 92648094 | 50.846   | 49.713     |
| 14)                         | MA Endrin       | 7.973  | 8.883  | 28360470 | 77568627 | 48.413   | 49.230     |
| 15)                         | B Endosulfa...  | 8.286  | 9.119  | 30095632 | 82464495 | 49.467   | 49.047     |
| 16)                         | A 4,4'-DDD      | 8.141  | 9.031  | 24854491 | 70214983 | 51.662   | 50.741     |
| 17)                         | MA 4,4'-DDT     | 8.401  | 9.347  | 27603409 | 75852385 | 51.300   | 49.549     |
| 18)                         | B Endrin al...  | 8.474  | 9.255  | 22163958 | 57968378 | 50.848   | 51.506     |
| 19)                         | B Endosulfa...  | 8.705  | 9.492  | 30056854 | 76415739 | 50.507   | 51.081     |
| 20)                         | A Methoxychlor  | 8.997  | 9.836  | 17401273 | 39913064 | 49.488   | 49.296     |
| 21)                         | B Endrin ke...  | 9.222  | 9.989  | 35216556 | 86442077 | 51.241   | 54.254     |
| 22)                         | Mirex           | 9.403  | 10.451 | 30371190 | 62848787 | 51.195   | 53.539     |
| 23)                         | Chlordane-1     | 5.895  | 0.000  | 3274     | 0        | 0.176    | N.D. #     |
| 24)                         | Chlordane-2     | 6.579  | 7.482  | 23026    | 103.2E6  | 0.911    | 1340.014 # |
| 25)                         | Chlordane-3     | 7.271  | 8.220  | 31769299 | 98210210 | 471.348  | 328.640 #  |
| 26)                         | Chlordane-4     | 7.341  | 8.300  | 32051504 | 94229354 | 436.813  | 264.099 #  |
| 27)                         | Chlordane-5     | 8.286  | 0.000  | 30095632 | 0        | 1173.070 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

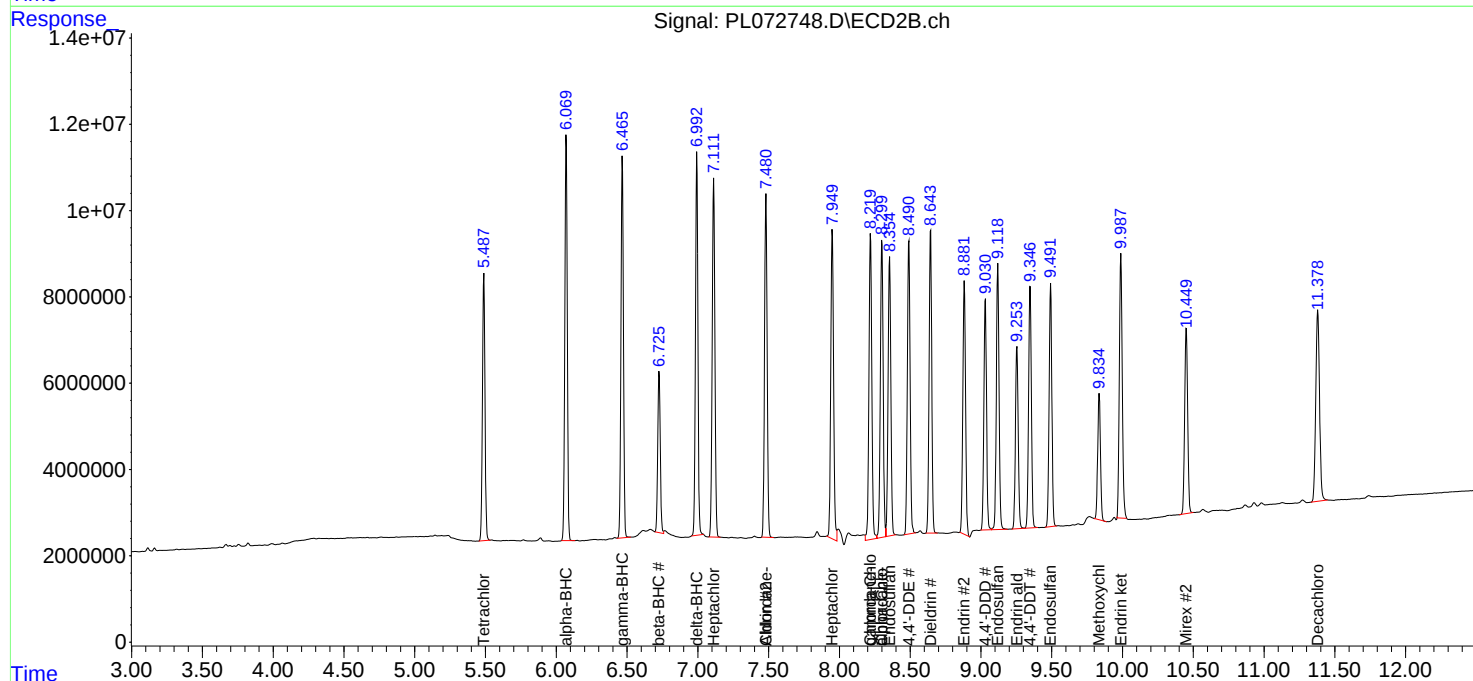
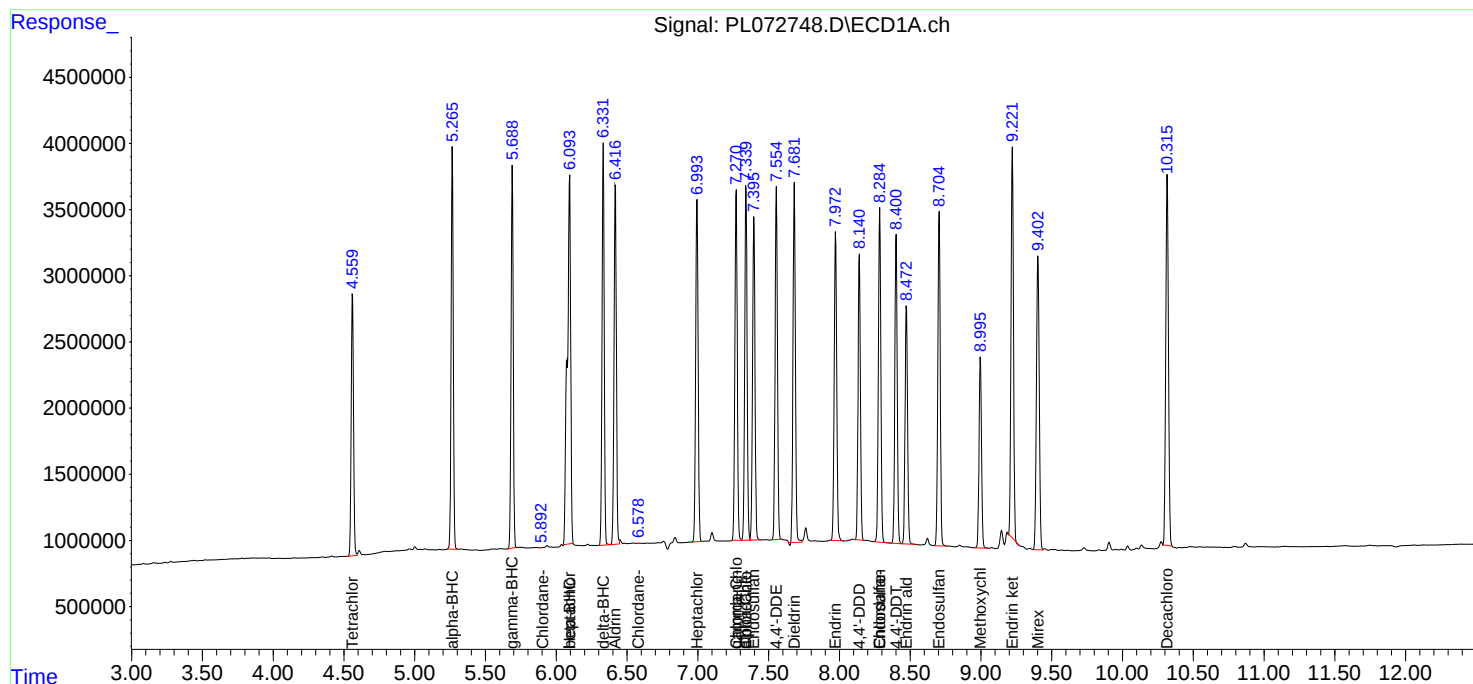
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

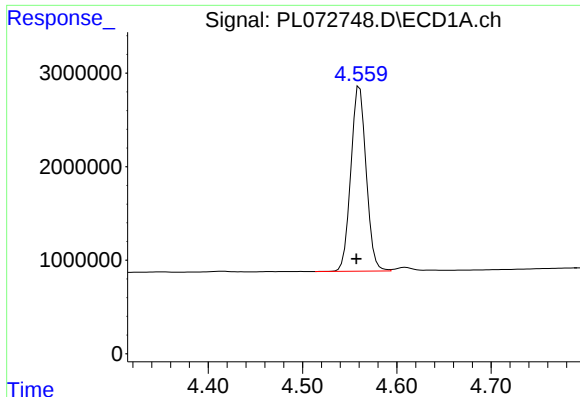
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021622\  
Data File : PL072748.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Feb 2022 16:22  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 17 01:01:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 08 05:14:10 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

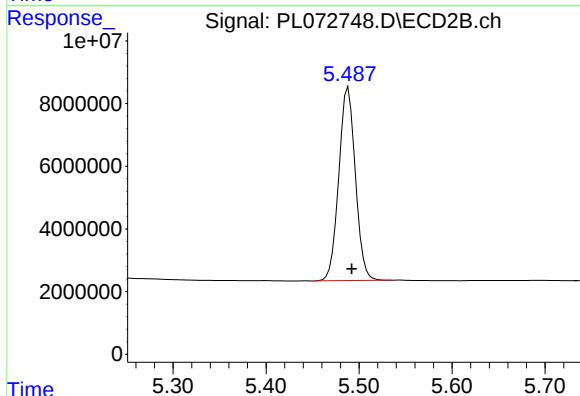




#1 Tetrachloro-m-xylene

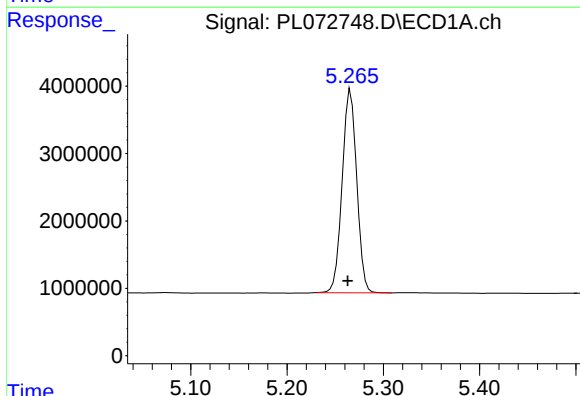
R.T.: 4.561 min  
Delta R.T.: 0.004 min  
Response: 22330963  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



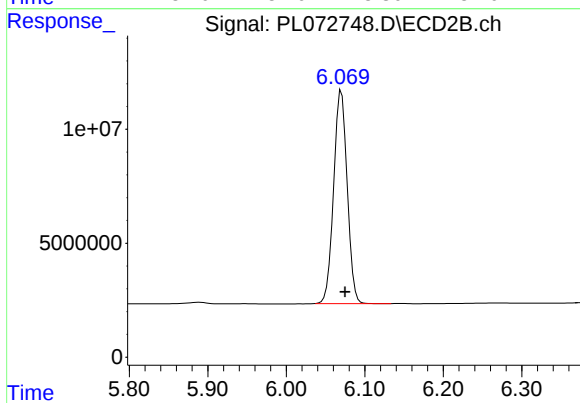
#1 Tetrachloro-m-xylene

R.T.: 5.488 min  
Delta R.T.: -0.004 min  
Response: 76479258  
Conc: 44.27 ng/ml



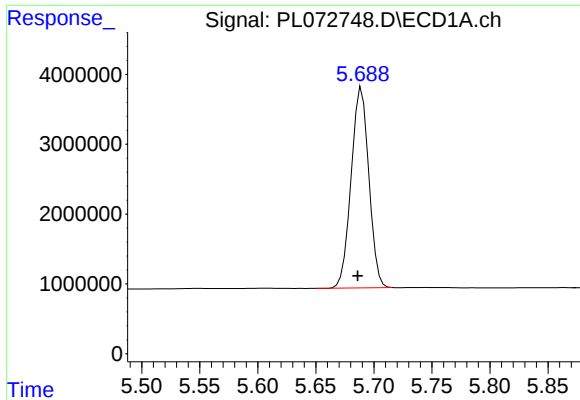
#2 alpha-BHC

R.T.: 5.266 min  
Delta R.T.: 0.003 min  
Response: 31610017  
Conc: 47.94 ng/ml



#2 alpha-BHC

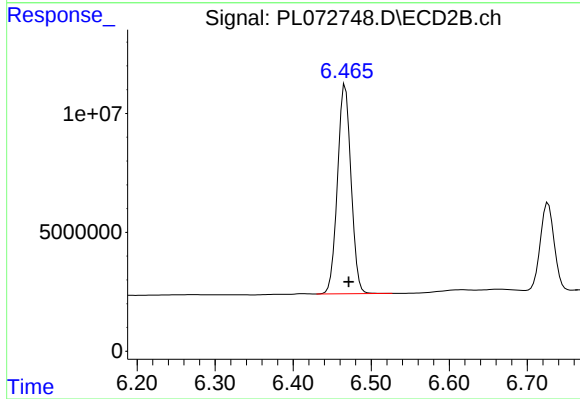
R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 112334448  
Conc: 46.91 ng/ml



#3 gamma-BHC (Lindane)

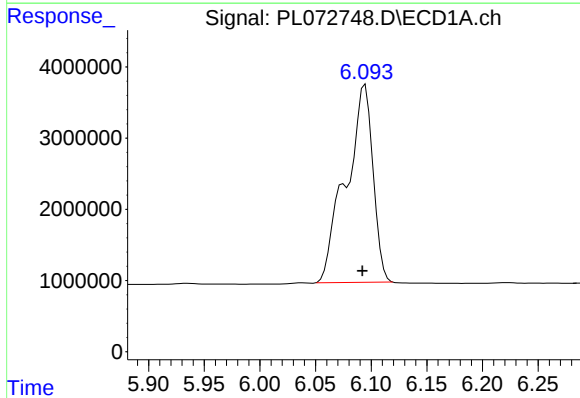
R.T.: 5.689 min  
Delta R.T.: 0.003 min  
Response: 30440492  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



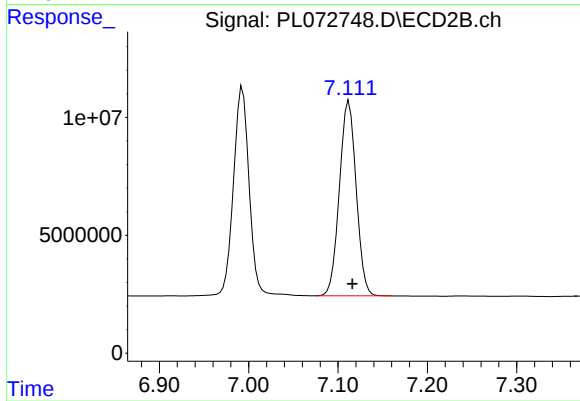
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 106174510  
Conc: 46.11 ng/ml



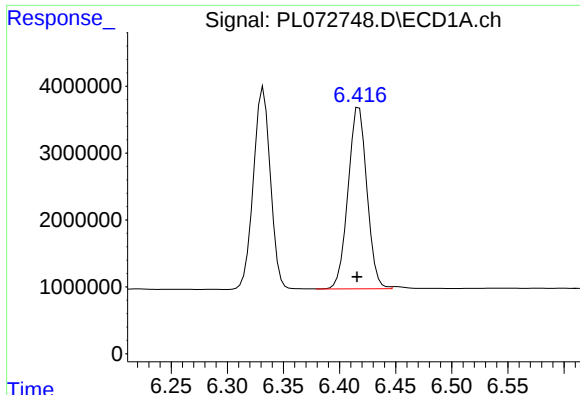
#4 Heptachlor

R.T.: 6.095 min  
Delta R.T.: 0.002 min  
Response: 46888171  
Conc: 64.24 ng/ml



#4 Heptachlor

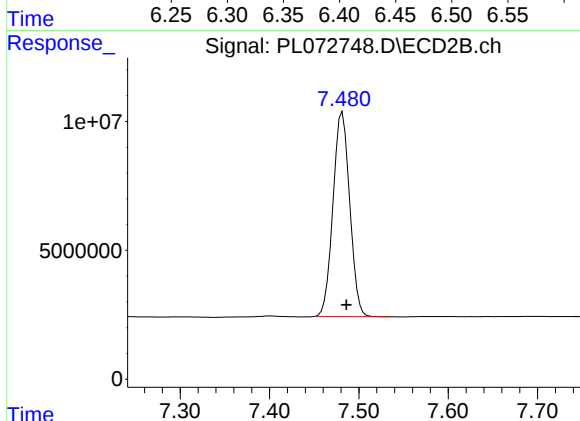
R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 107717017  
Conc: 47.31 ng/ml



#5 Aldrin

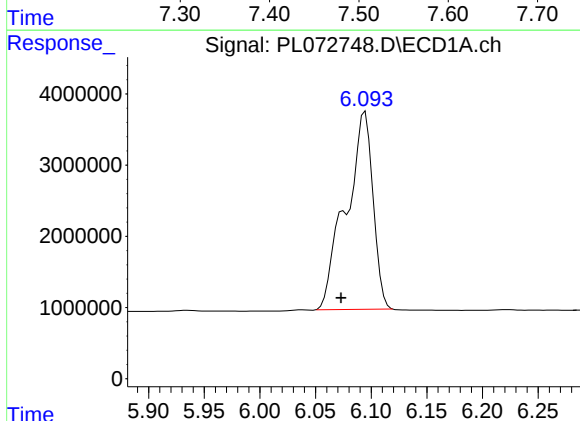
R.T.: 6.417 min  
Delta R.T.: 0.002 min  
Response: 31751679  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



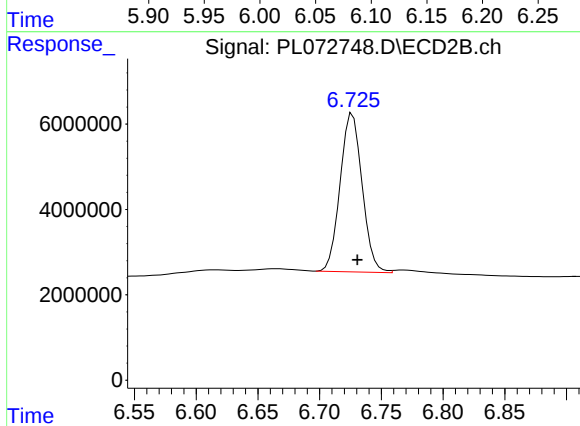
#5 Aldrin

R.T.: 7.482 min  
Delta R.T.: -0.005 min  
Response: 103195868  
Conc: 48.27 ng/ml



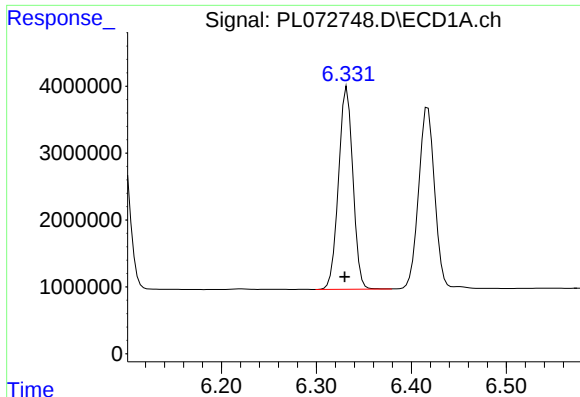
#6 beta-BHC

R.T.: 6.095 min  
Delta R.T.: 0.022 min  
Response: 46888171  
Conc: 189.23 ng/ml



#6 beta-BHC

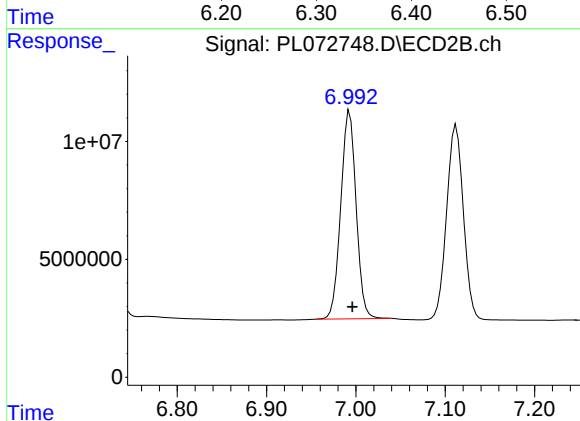
R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 46150345  
Conc: 45.27 ng/ml



#7 delta-BHC

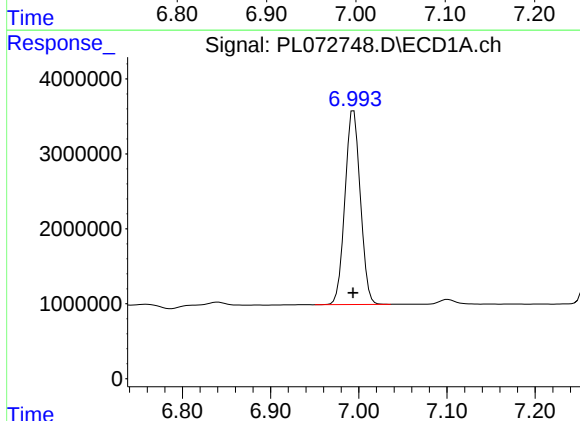
R.T.: 6.332 min  
Delta R.T.: 0.002 min  
Response: 31832060  
Conc: 48.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



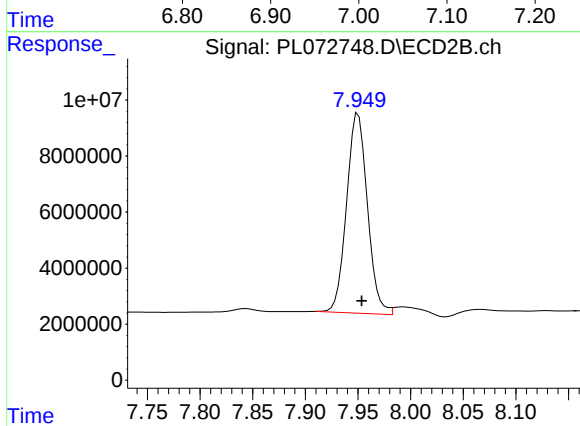
#7 delta-BHC

R.T.: 6.993 min  
Delta R.T.: -0.003 min  
Response: 105463472  
Conc: 46.03 ng/ml



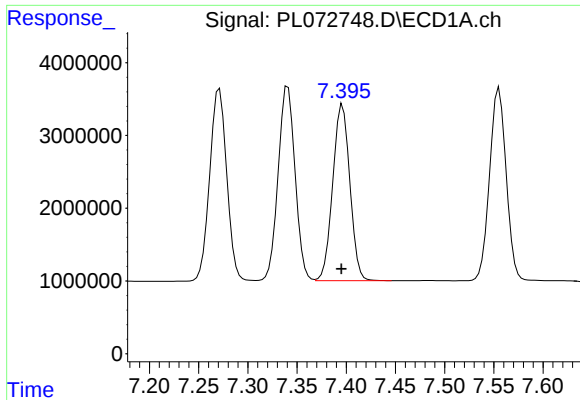
#8 Heptachlor epoxide

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 31347650  
Conc: 49.72 ng/ml



#8 Heptachlor epoxide

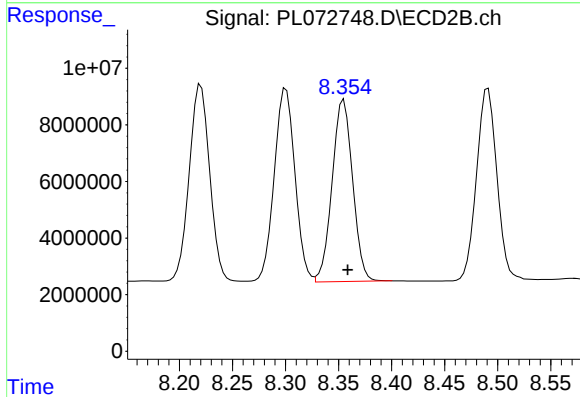
R.T.: 7.950 min  
Delta R.T.: -0.003 min  
Response: 98725202  
Conc: 51.17 ng/ml



#9 Endosulfan I

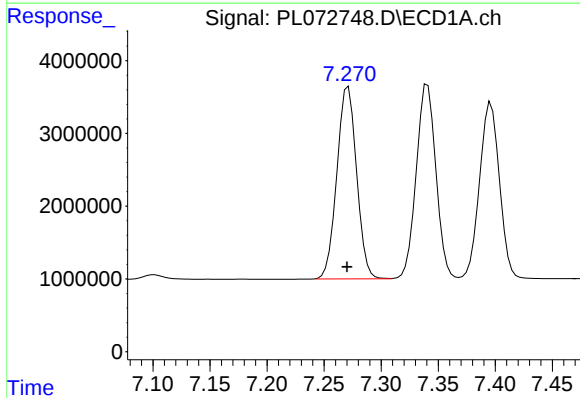
R.T.: 7.396 min  
Delta R.T.: 0.001 min  
Response: 29411634  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



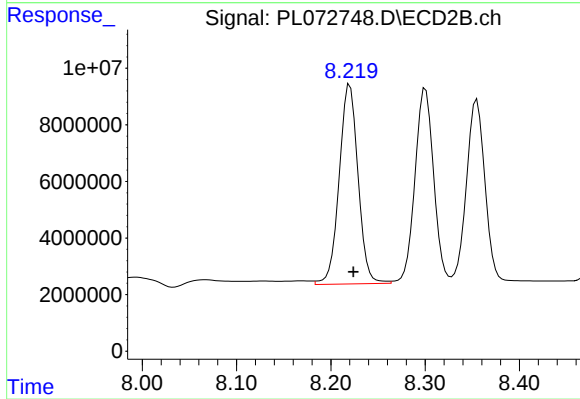
#9 Endosulfan I

R.T.: 8.355 min  
Delta R.T.: -0.004 min  
Response: 86658698  
Conc: 49.53 ng/ml



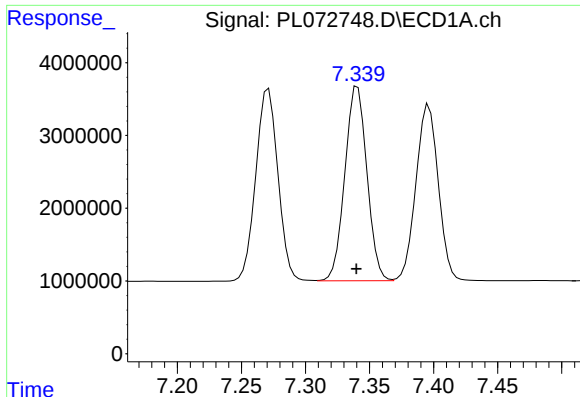
#10 gamma-Chlordane

R.T.: 7.271 min  
Delta R.T.: 0.001 min  
Response: 31769299  
Conc: 50.15 ng/ml



#10 gamma-Chlordane

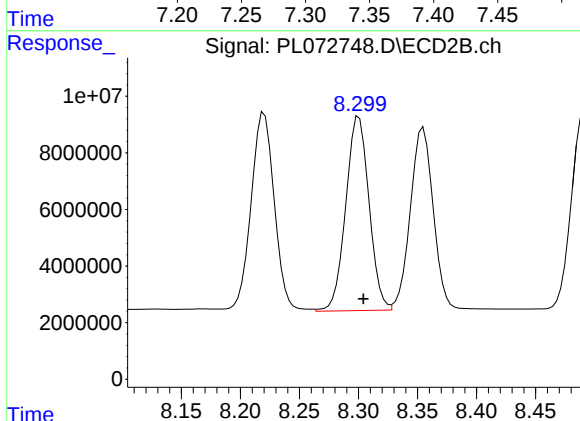
R.T.: 8.220 min  
Delta R.T.: -0.004 min  
Response: 98210210  
Conc: 50.77 ng/ml



#11 alpha-Chlordane

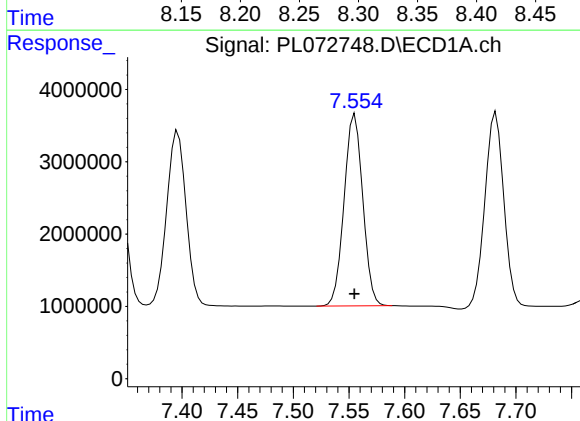
R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 32051504  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



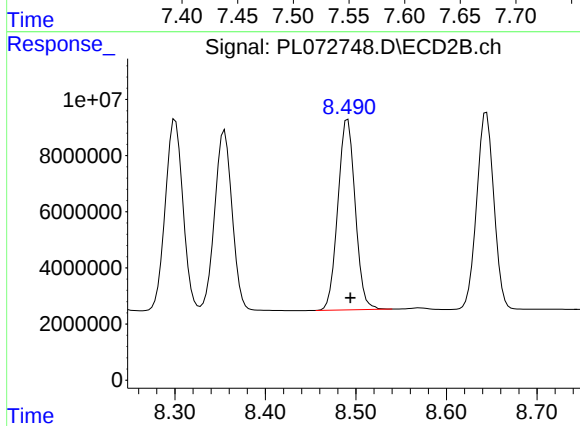
#11 alpha-Chlordane

R.T.: 8.300 min  
Delta R.T.: -0.004 min  
Response: 94229354  
Conc: 49.60 ng/ml



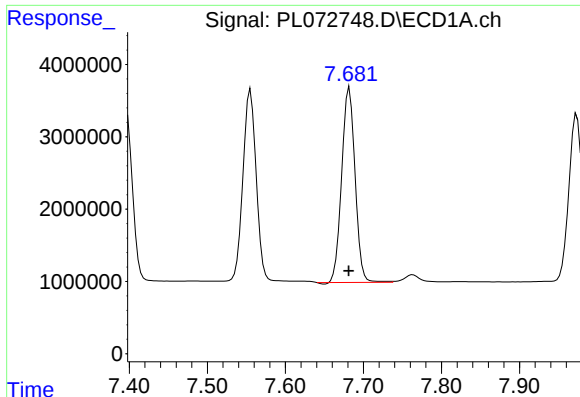
#12 4,4'-DDE

R.T.: 7.555 min  
Delta R.T.: 0.000 min  
Response: 30979177  
Conc: 50.98 ng/ml



#12 4,4'-DDE

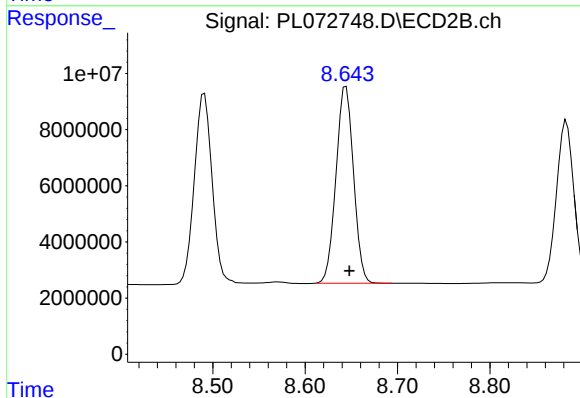
R.T.: 8.491 min  
Delta R.T.: -0.003 min  
Response: 90434735  
Conc: 48.38 ng/ml



#13 Dieldrin

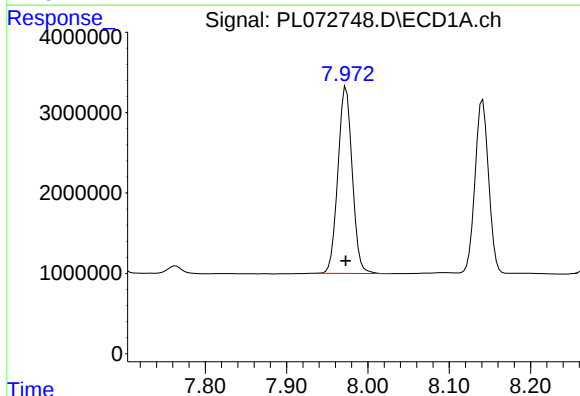
R.T.: 7.682 min  
Delta R.T.: 0.000 min  
Response: 32109230  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



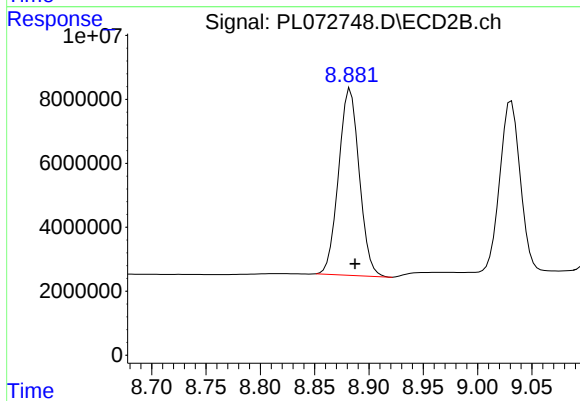
#13 Dieldrin

R.T.: 8.644 min  
Delta R.T.: -0.004 min  
Response: 92648094  
Conc: 49.71 ng/ml



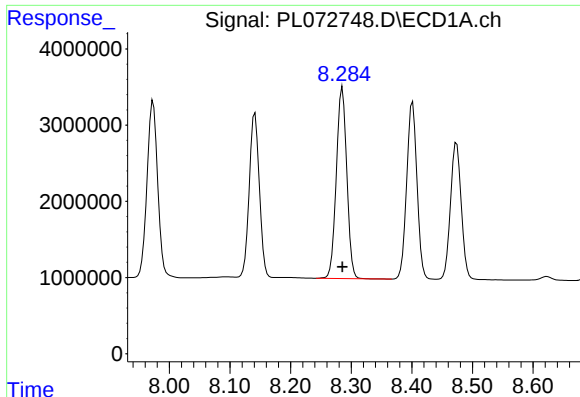
#14 Endrin

R.T.: 7.973 min  
Delta R.T.: 0.000 min  
Response: 28360470  
Conc: 48.41 ng/ml



#14 Endrin

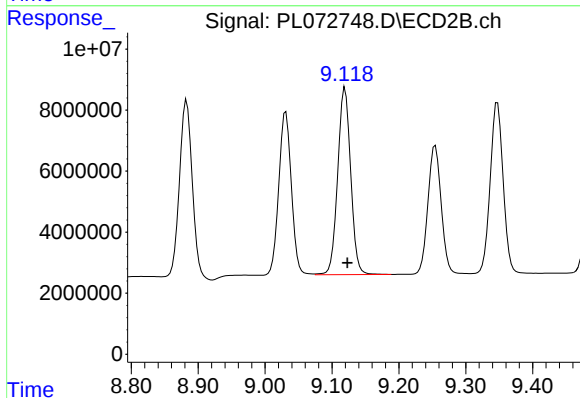
R.T.: 8.883 min  
Delta R.T.: -0.004 min  
Response: 77568627  
Conc: 49.23 ng/ml



#15 Endosulfan II

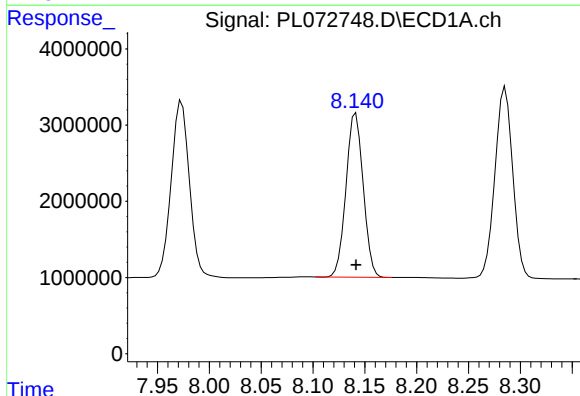
R.T.: 8.286 min  
Delta R.T.: 0.000 min  
Response: 30095632  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



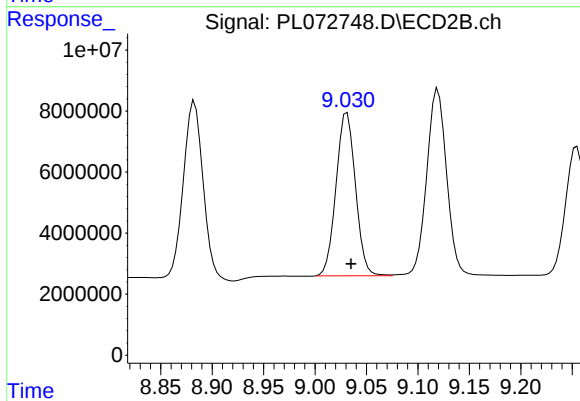
#15 Endosulfan II

R.T.: 9.119 min  
Delta R.T.: -0.004 min  
Response: 82464495  
Conc: 49.05 ng/ml



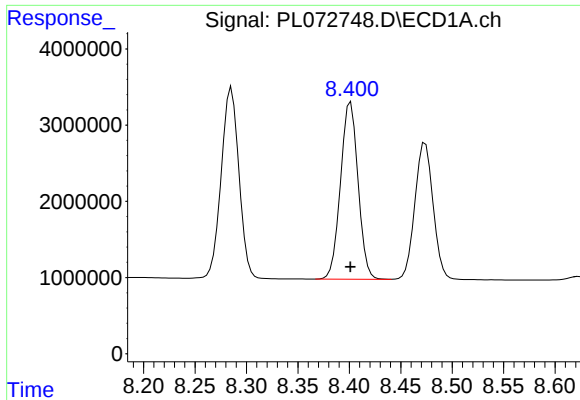
#16 4,4'-DDD

R.T.: 8.141 min  
Delta R.T.: 0.000 min  
Response: 24854491  
Conc: 51.66 ng/ml



#16 4,4'-DDD

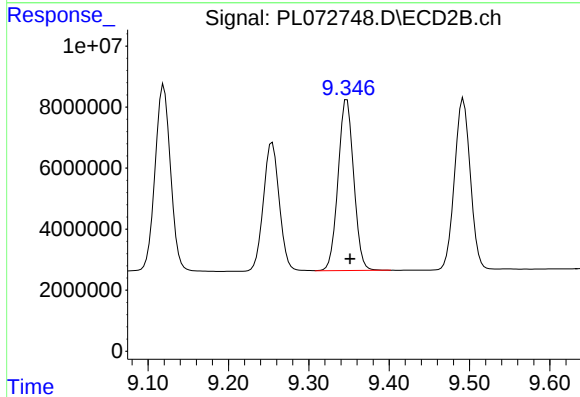
R.T.: 9.031 min  
Delta R.T.: -0.004 min  
Response: 70214983  
Conc: 50.74 ng/ml



#17 4,4'-DDT

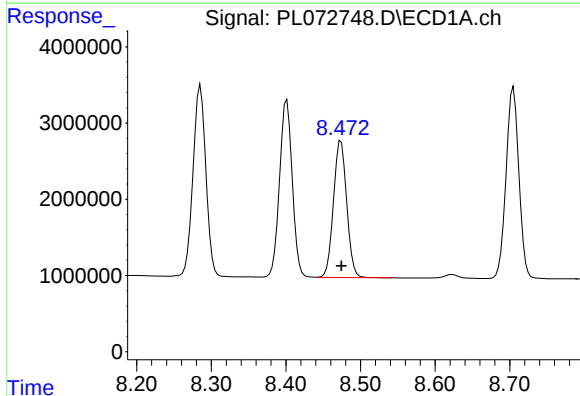
R.T.: 8.401 min  
Delta R.T.: 0.000 min  
Response: 27603409  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



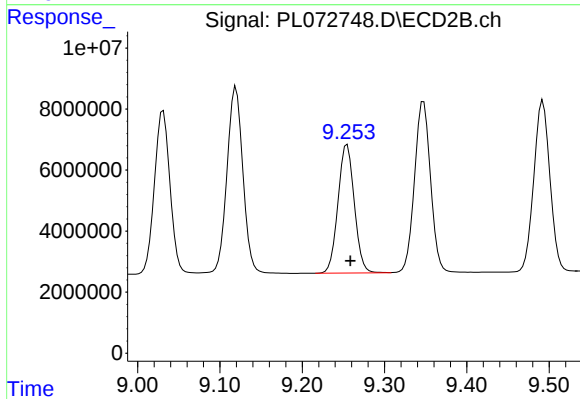
#17 4,4'-DDT

R.T.: 9.347 min  
Delta R.T.: -0.004 min  
Response: 75852385  
Conc: 49.55 ng/ml



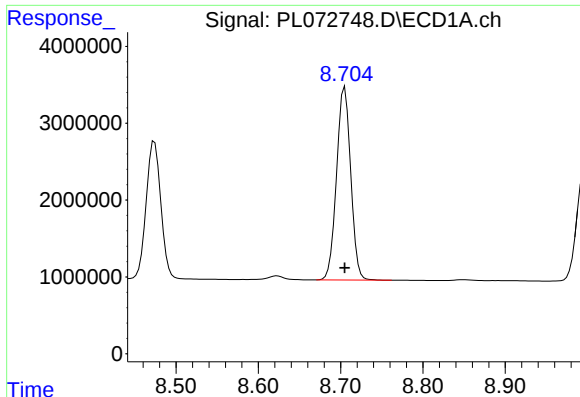
#18 Endrin aldehyde

R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 22163958  
Conc: 50.85 ng/ml



#18 Endrin aldehyde

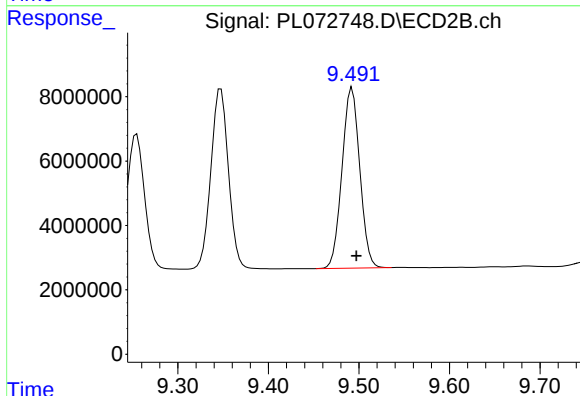
R.T.: 9.255 min  
Delta R.T.: -0.004 min  
Response: 57968378  
Conc: 51.51 ng/ml



#19 Endosulfan Sulfate

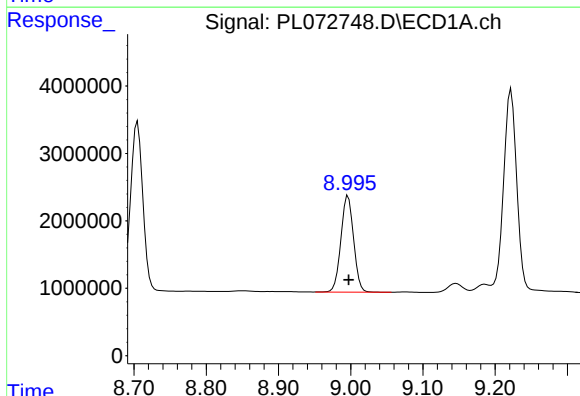
R.T.: 8.705 min  
Delta R.T.: 0.000 min  
Response: 30056854  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



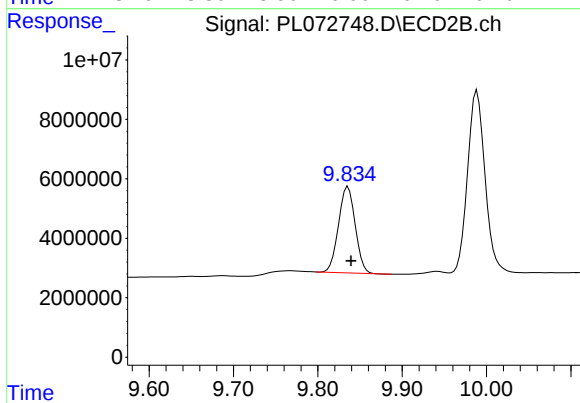
#19 Endosulfan Sulfate

R.T.: 9.492 min  
Delta R.T.: -0.005 min  
Response: 76415739  
Conc: 51.08 ng/ml



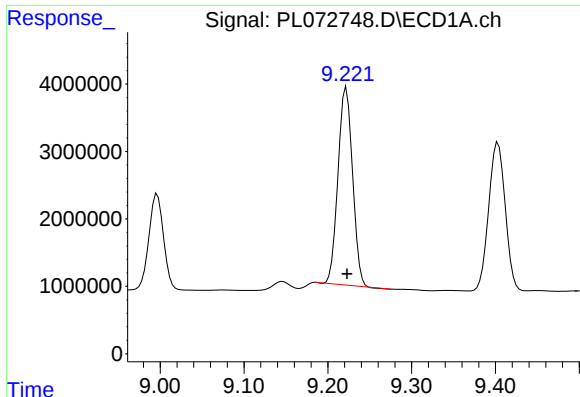
#20 Methoxychlor

R.T.: 8.997 min  
Delta R.T.: 0.000 min  
Response: 17401273  
Conc: 49.49 ng/ml



#20 Methoxychlor

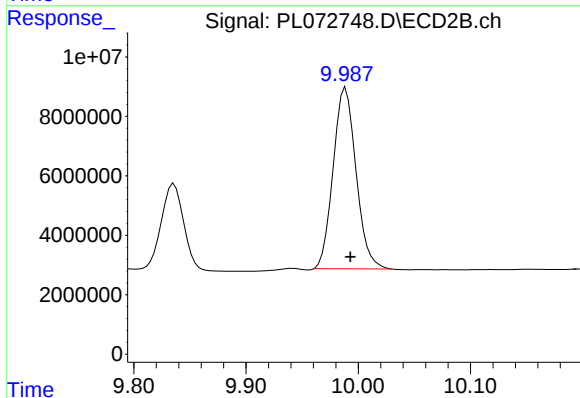
R.T.: 9.836 min  
Delta R.T.: -0.004 min  
Response: 39913064  
Conc: 49.30 ng/ml



#21 Endrin ketone

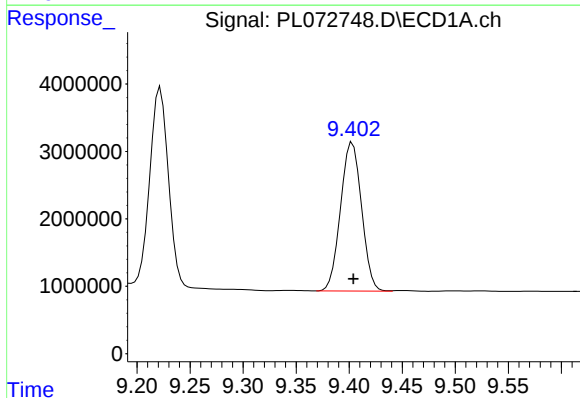
R.T.: 9.222 min  
Delta R.T.: -0.001 min  
Response: 35216556  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



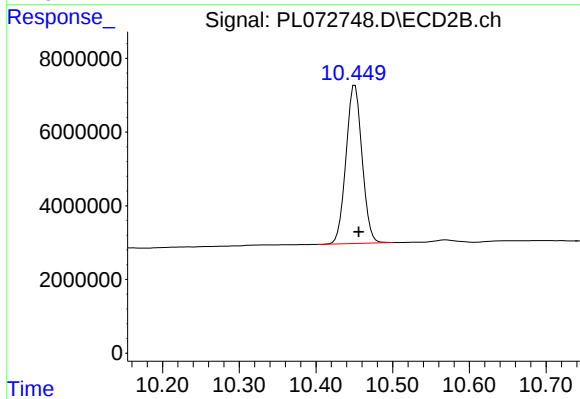
#21 Endrin ketone

R.T.: 9.989 min  
Delta R.T.: -0.004 min  
Response: 86442077  
Conc: 54.25 ng/ml



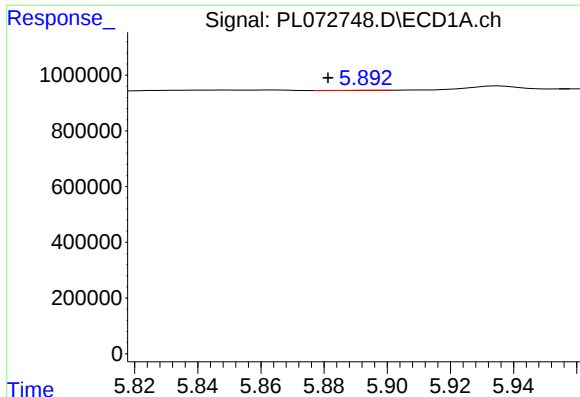
#22 Mirex

R.T.: 9.403 min  
Delta R.T.: 0.000 min  
Response: 30371190  
Conc: 51.19 ng/ml



#22 Mirex

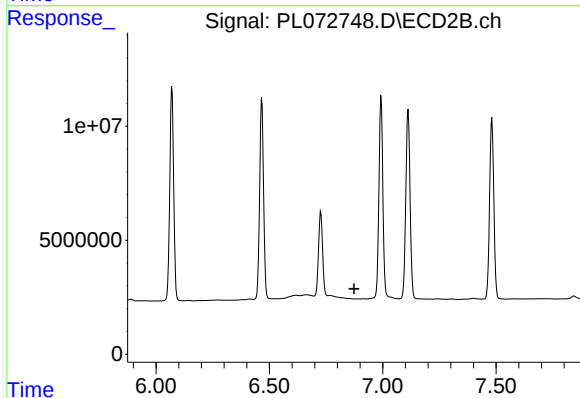
R.T.: 10.451 min  
Delta R.T.: -0.005 min  
Response: 62848787  
Conc: 53.54 ng/ml



#23 Chlordane-1

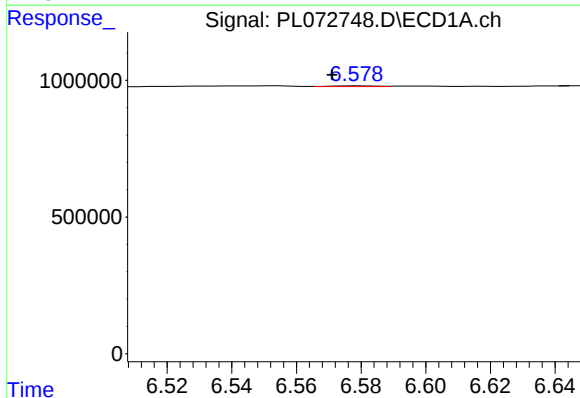
R.T.: 5.895 min  
Delta R.T.: 0.013 min  
Response: 3274  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



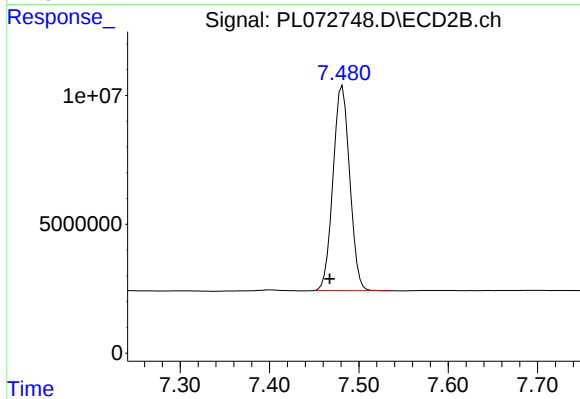
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 6.874 min  
Response: 0  
Conc: N.D.



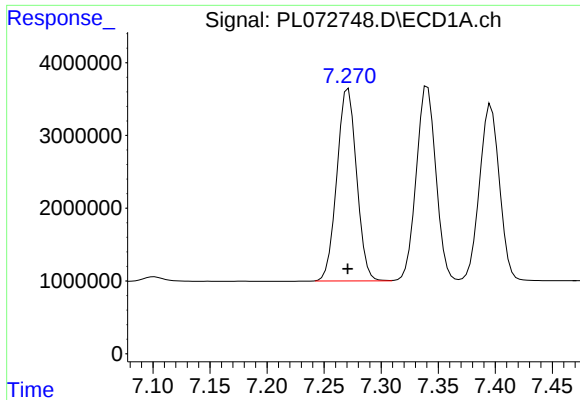
#24 Chlordane-2

R.T.: 6.579 min  
Delta R.T.: 0.008 min  
Response: 23026  
Conc: 0.91 ng/ml



#24 Chlordane-2

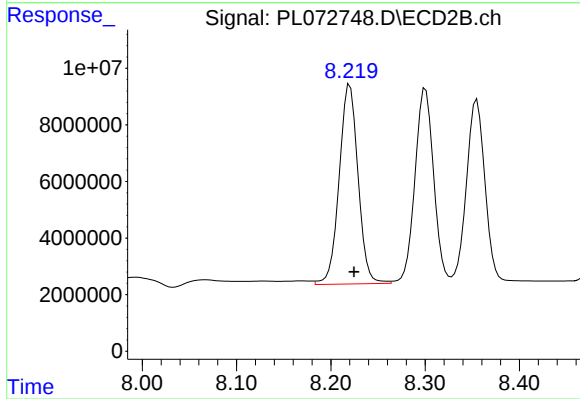
R.T.: 7.482 min  
Delta R.T.: 0.014 min  
Response: 103195868  
Conc: 1340.01 ng/ml



#25 Chlordane-3

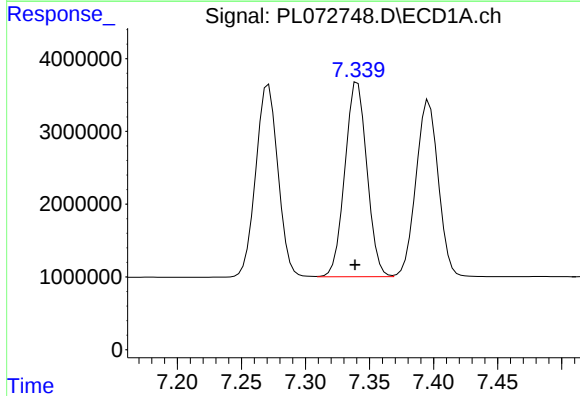
R.T.: 7.271 min  
Delta R.T.: 0.000 min  
Response: 31769299  
Conc: 471.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



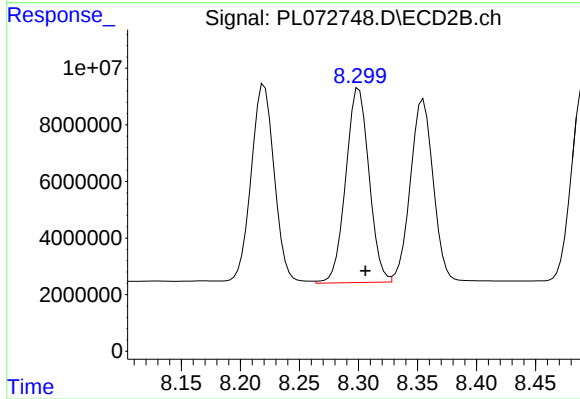
#25 Chlordane-3

R.T.: 8.220 min  
Delta R.T.: -0.005 min  
Response: 98210210  
Conc: 328.64 ng/ml



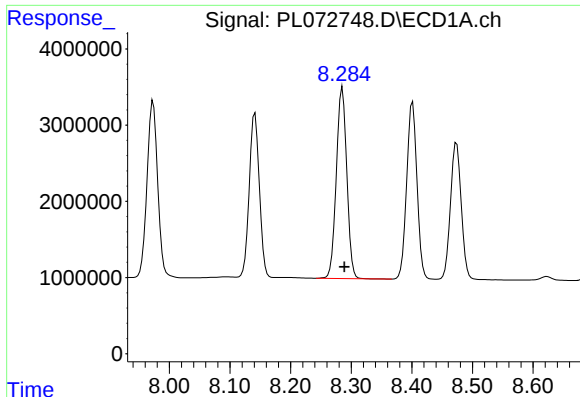
#26 Chlordane-4

R.T.: 7.341 min  
Delta R.T.: 0.002 min  
Response: 32051504  
Conc: 436.81 ng/ml



#26 Chlordane-4

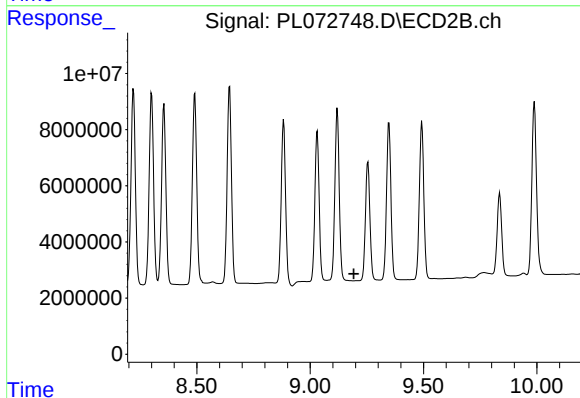
R.T.: 8.300 min  
Delta R.T.: -0.005 min  
Response: 94229354  
Conc: 264.10 ng/ml



#27 Chlordane-5

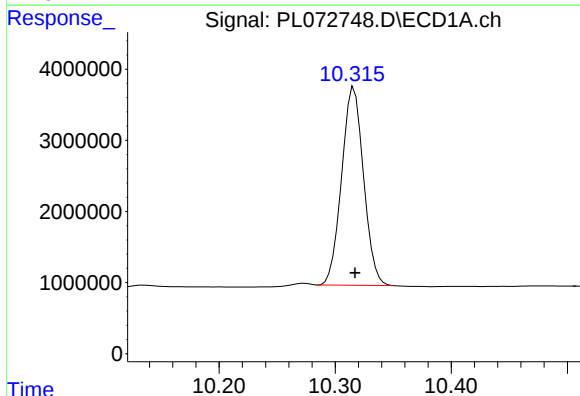
R.T.: 8.286 min  
Delta R.T.: -0.003 min  
Response: 30095632  
Conc: 1173.07 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



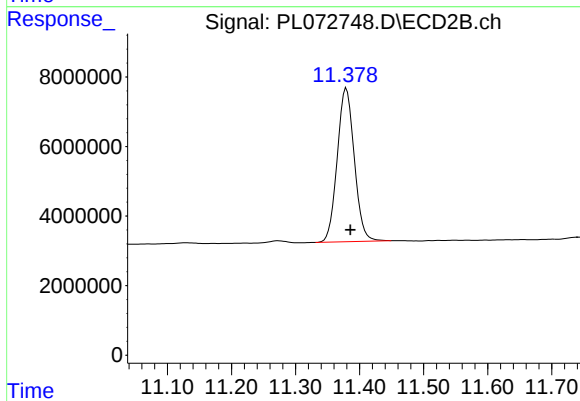
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.193 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.316 min  
Delta R.T.: 0.000 min  
Response: 36524426  
Conc: 48.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.379 min  
Delta R.T.: -0.007 min  
Response: 81708492  
Conc: 51.53 ng/ml