

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111721\  
 Data File : PL071047.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2021 02:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 18 02:37:54 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  | 5.502  | 26187675 | 70964284 | 53.466   | 56.283     |
| 28)                         | SA Decachlor... | 10.328 | 11.391 | 33279419 | 69506455 | 48.704   | 51.972     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.272  | 6.082  | 37181412 | 106.8E6  | 55.544   | 58.030     |
| 3)                          | MA gamma-BHC... | 5.695  | 6.477  | 35942210 | 99729338 | 53.582   | 57.512     |
| 4)                          | MA Heptachlor   | 6.103  | 7.124  | 37570998 | 98130065 | 52.363   | 60.415     |
| 5)                          | MB Aldrin       | 6.426  | 7.494  | 34987590 | 93927266 | 54.714   | 57.843     |
| 6)                          | B beta-BHC      | 6.078  | 6.733  | 17755625 | 45525843 | 54.661   | 53.133     |
| 7)                          | B delta-BHC     | 6.337  | 7.000  | 36765703 | 99690389 | 55.553   | 59.614     |
| 8)                          | B Heptachlo...  | 7.004  | 7.960  | 34864930 | 86914268 | 53.626   | 57.024     |
| 9)                          | A Endosulfan I  | 7.406  | 8.365  | 32462379 | 78420053 | 52.994   | 54.511     |
| 10)                         | B gamma-Chl...  | 7.280  | 8.230  | 34866736 | 84817613 | 52.524   | 54.779     |
| 11)                         | B alpha-Chl...  | 7.350  | 8.310  | 34901330 | 82215087 | 52.376   | 54.054     |
| 12)                         | B 4,4'-DDE      | 7.565  | 8.500  | 31287199 | 81500031 | 53.700   | 55.235     |
| 13)                         | MA Dieldrin     | 7.692  | 8.654  | 33282848 | 83216472 | 53.320   | 57.110     |
| 14)                         | MA Endrin       | 7.983  | 8.893  | 28350611 | 67181981 | 50.004   | 58.000     |
| 15)                         | B Endosulfa...  | 8.294  | 9.128  | 30226380 | 70181905 | 49.933   | 57.462     |
| 16)                         | A 4,4'-DDD      | 8.151  | 9.039  | 29281673 | 69841699 | 57.630   | 58.035     |
| 17)                         | MA 4,4'-DDT     | 8.411  | 9.355  | 25499346 | 62962070 | 46.364   | 49.908     |
| 18)                         | B Endrin al...  | 8.482  | 9.262  | 23350587 | 53149792 | 51.397   | 54.961     |
| 19)                         | B Endosulfa...  | 8.713  | 9.500  | 31729639 | 68677617 | 51.435   | 55.412     |
| 20)                         | A Methoxychlor  | 9.006  | 9.842  | 16309134 | 31981062 | 44.580   | 47.253     |
| 21)                         | B Endrin ke...  | 9.231  | 9.996  | 39113234 | 76900701 | 54.699   | 53.571     |
| 22)                         | Mirex           | 9.414  | 10.461 | 30950948 | 54421908 | 50.398   | 52.248     |
| 24)                         | Chlordane-2     | 0.000  | 7.494f | 0        | 93927266 | N.D.     | 1790.629 # |
| 25)                         | Chlordane-3     | 7.280  | 8.230  | 34866736 | 84817613 | 571.090  | 419.623 #  |
| 26)                         | Chlordane-4     | 7.350  | 8.310  | 34901330 | 82215087 | 531.624  | 338.793 #  |
| 27)                         | Chlordane-5     | 8.294  | 0.000  | 30226380 | 0        | 1351.934 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

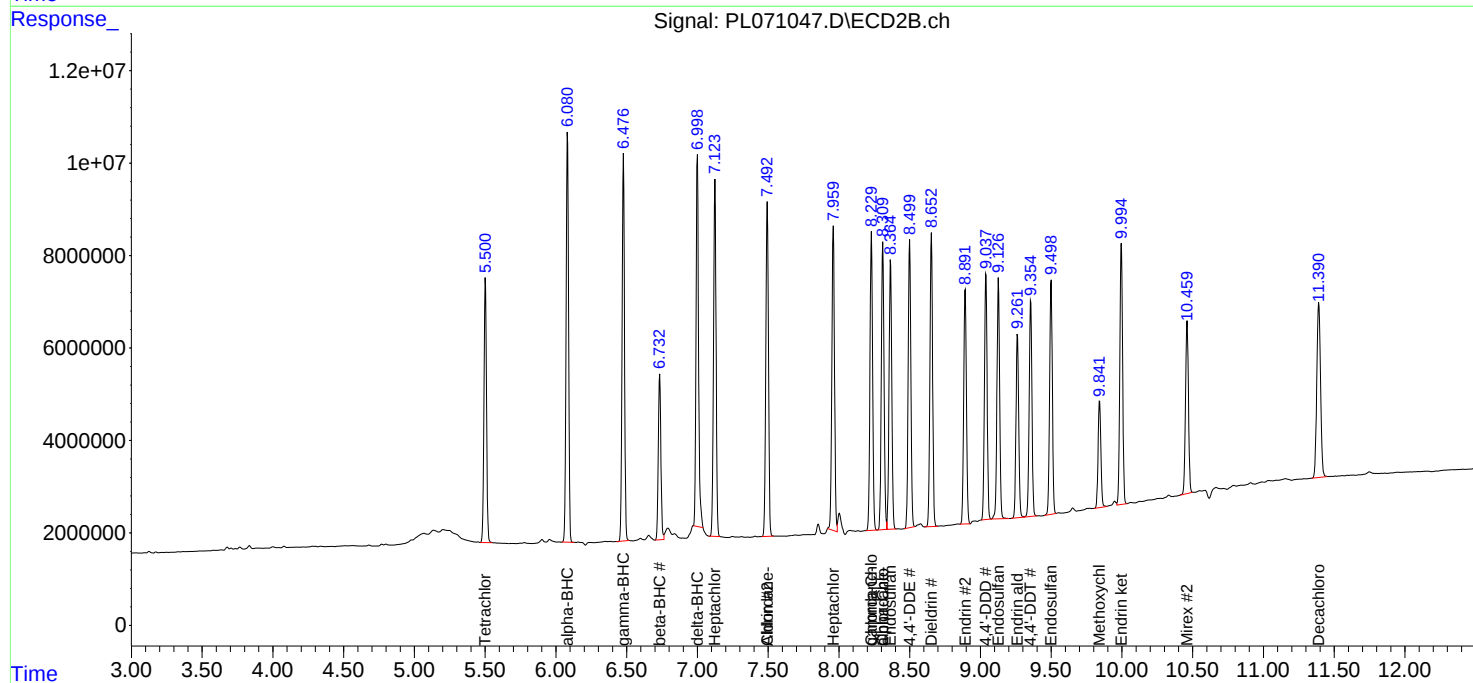
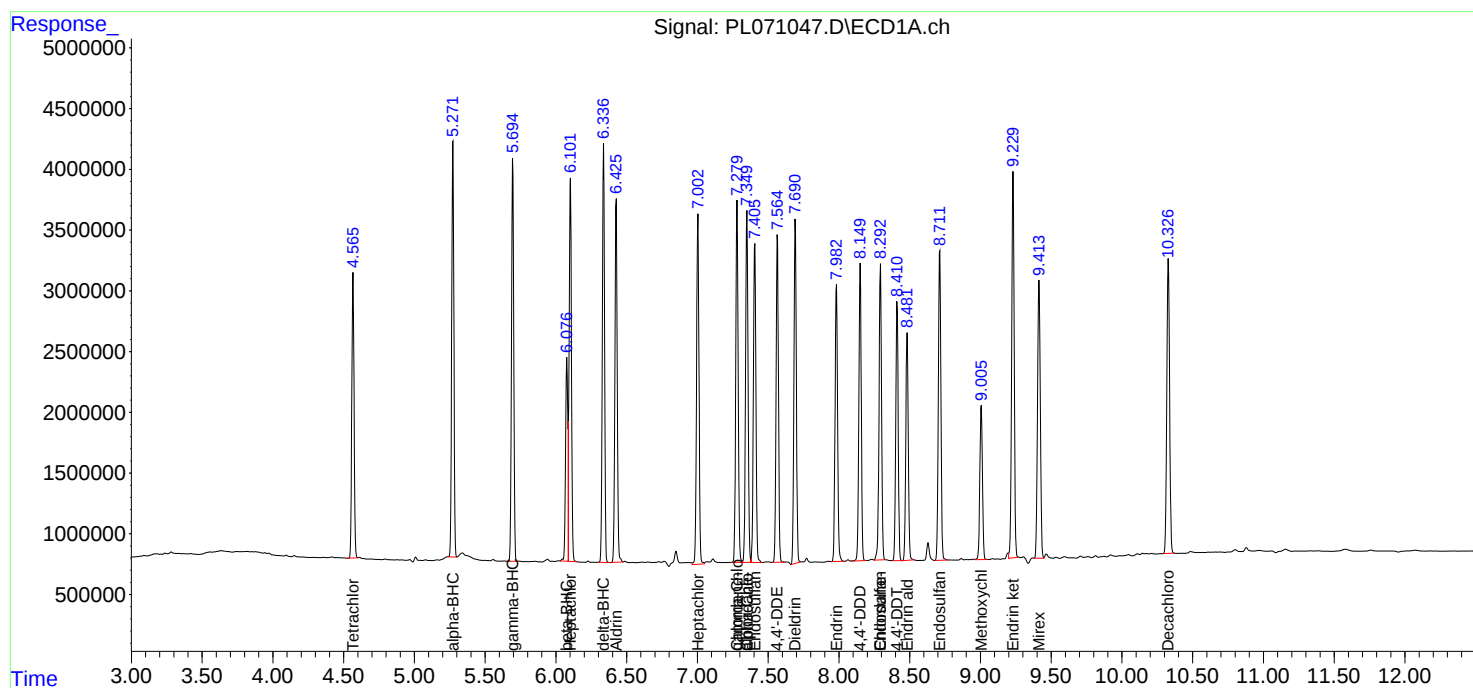
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

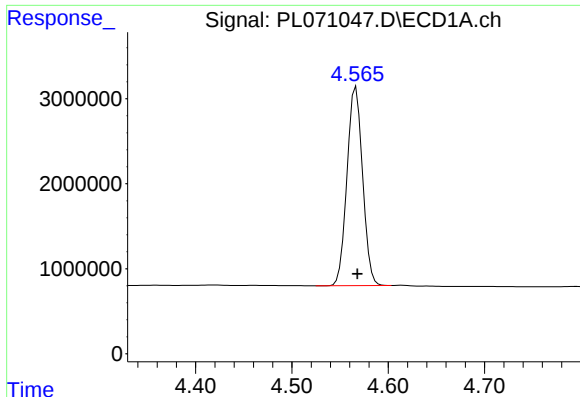
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111721\  
 Data File : PL071047.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2021 02:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 18 02:37:54 2021  
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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

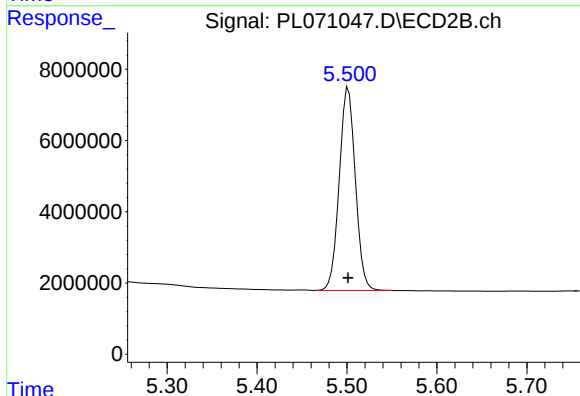




#1 Tetrachloro-m-xylene

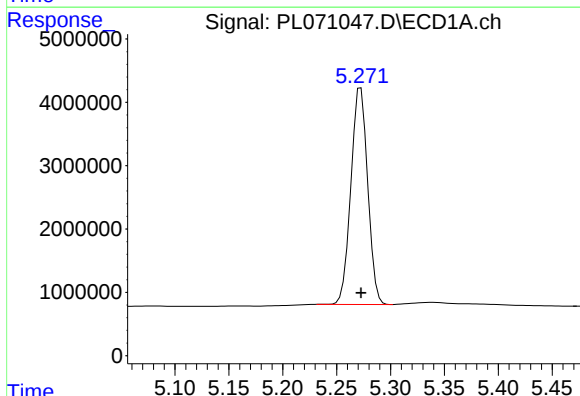
R.T.: 4.566 min  
Delta R.T.: -0.002 min  
Response: 26187675  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



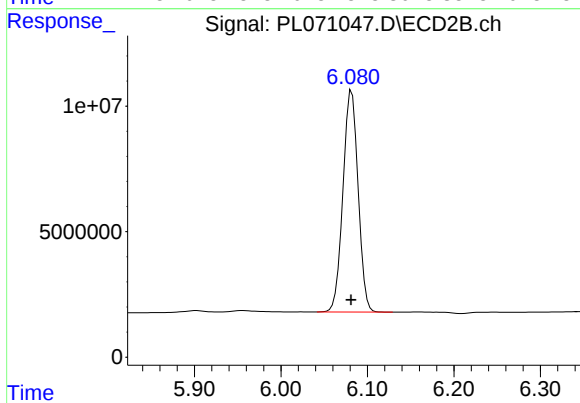
#1 Tetrachloro-m-xylene

R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 70964284  
Conc: 56.28 ng/ml



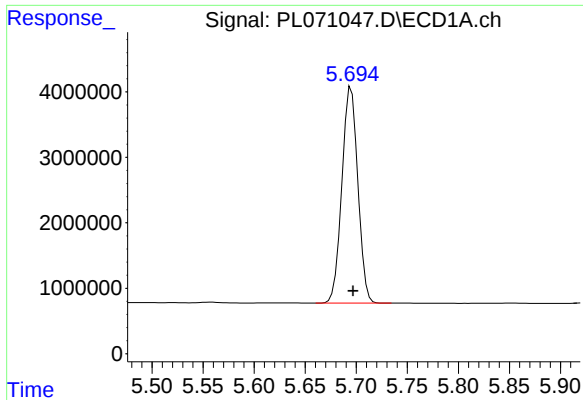
#2 alpha-BHC

R.T.: 5.272 min  
Delta R.T.: 0.000 min  
Response: 37181412  
Conc: 55.54 ng/ml



#2 alpha-BHC

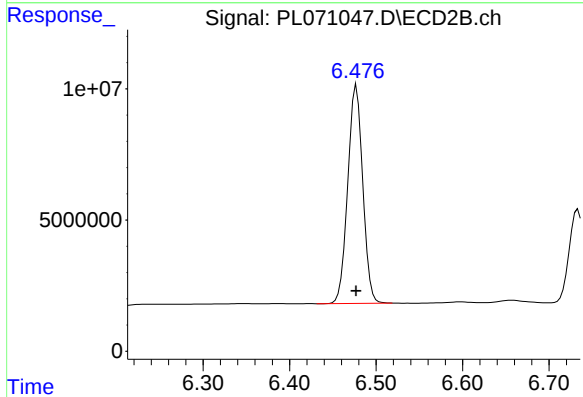
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 106821552  
Conc: 58.03 ng/ml



#3 gamma-BHC (Lindane)

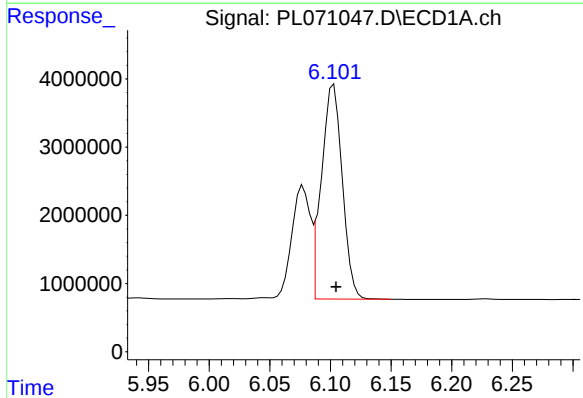
R.T.: 5.695 min  
Delta R.T.: -0.002 min  
Response: 35942210  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



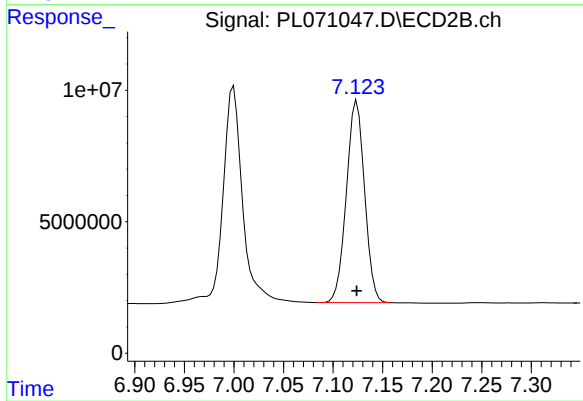
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 99729338  
Conc: 57.51 ng/ml



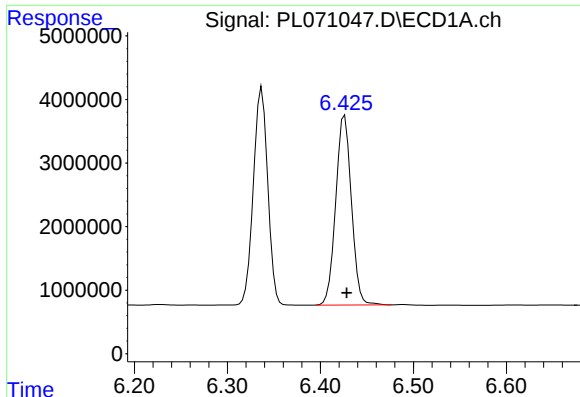
#4 Heptachlor

R.T.: 6.103 min  
Delta R.T.: -0.002 min  
Response: 37570998  
Conc: 52.36 ng/ml



#4 Heptachlor

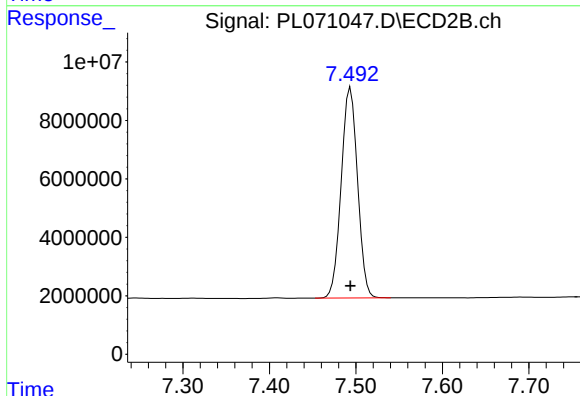
R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 98130065  
Conc: 60.41 ng/ml



#5 Aldrin

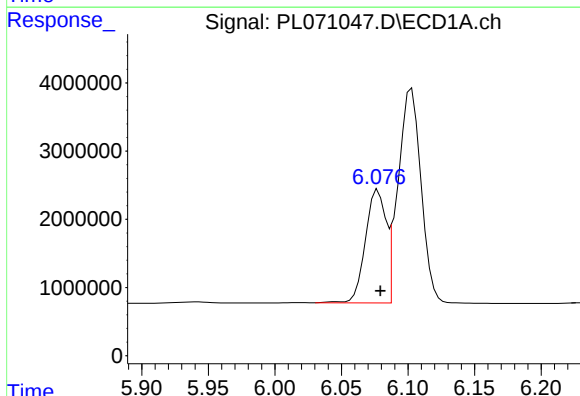
R.T.: 6.426 min  
Delta R.T.: -0.002 min  
Response: 34987590  
Conc: 54.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



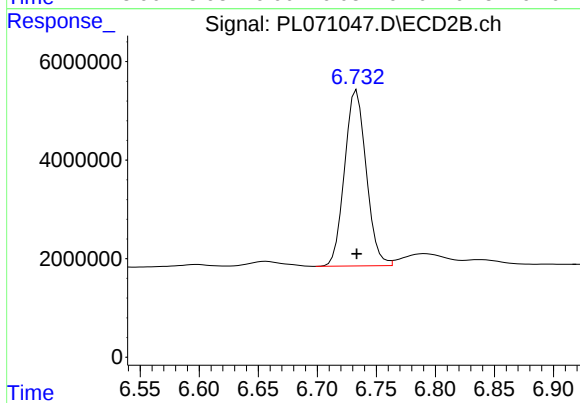
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 93927266  
Conc: 57.84 ng/ml



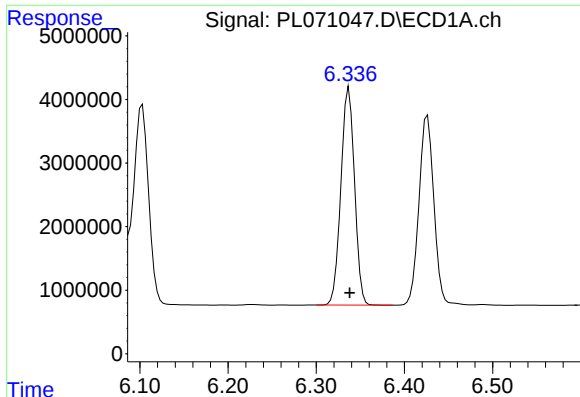
#6 beta-BHC

R.T.: 6.078 min  
Delta R.T.: -0.002 min  
Response: 17755625  
Conc: 54.66 ng/ml



#6 beta-BHC

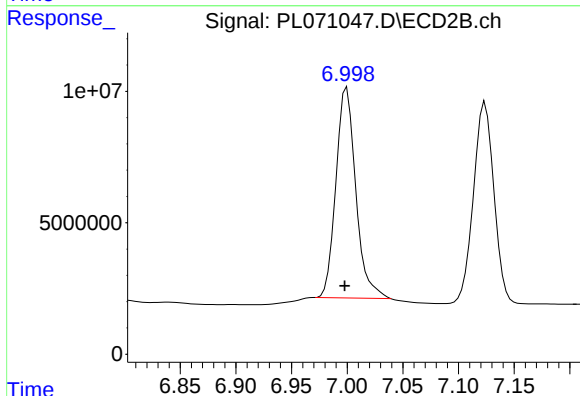
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 45525843  
Conc: 53.13 ng/ml



#7 delta-BHC

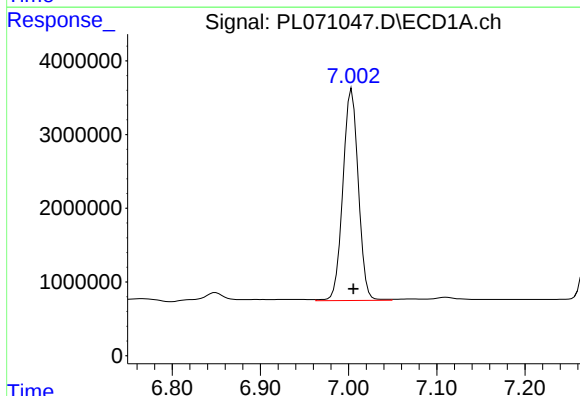
R.T.: 6.337 min  
Delta R.T.: -0.001 min  
Response: 36765703  
Conc: 55.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



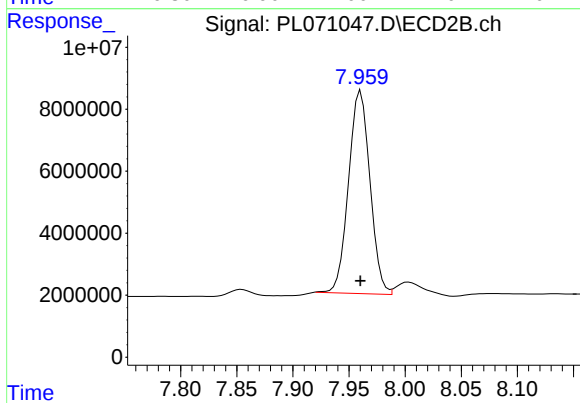
#7 delta-BHC

R.T.: 7.000 min  
Delta R.T.: 0.002 min  
Response: 99690389  
Conc: 59.61 ng/ml



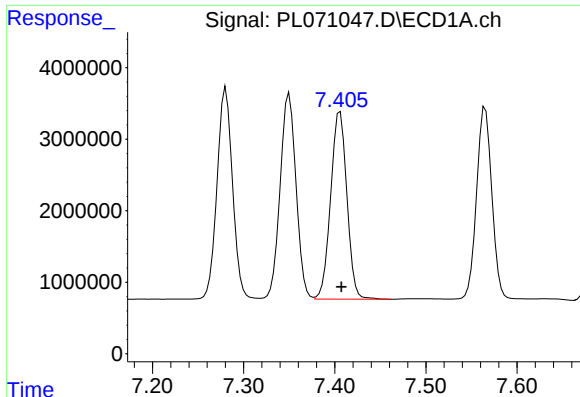
#8 Heptachlor epoxide

R.T.: 7.004 min  
Delta R.T.: -0.002 min  
Response: 34864930  
Conc: 53.63 ng/ml



#8 Heptachlor epoxide

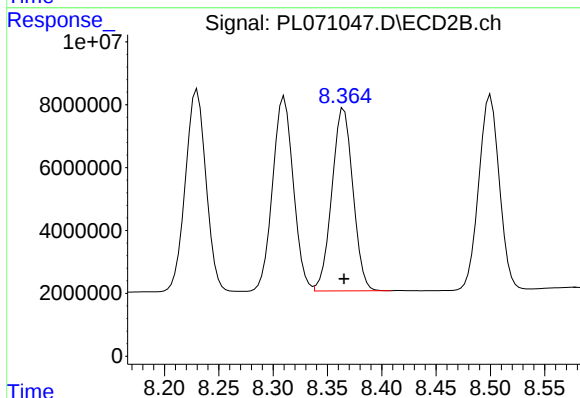
R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 86914268  
Conc: 57.02 ng/ml



#9 Endosulfan I

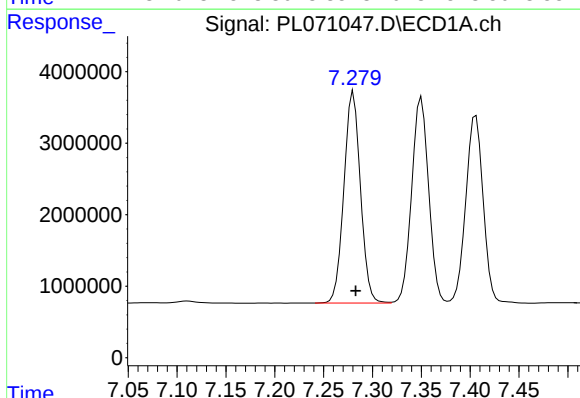
R.T.: 7.406 min  
Delta R.T.: -0.002 min  
Response: 32462379  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



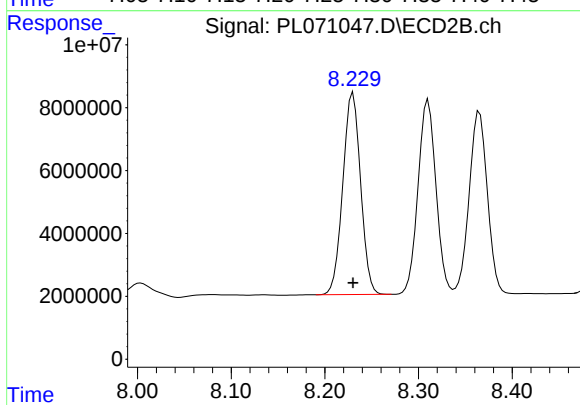
#9 Endosulfan I

R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 78420053  
Conc: 54.51 ng/ml



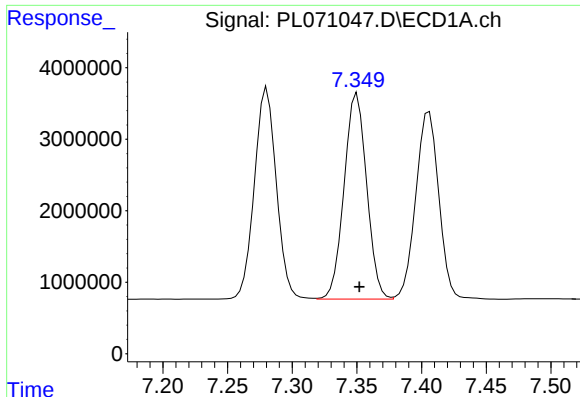
#10 gamma-Chlordane

R.T.: 7.280 min  
Delta R.T.: -0.002 min  
Response: 34866736  
Conc: 52.52 ng/ml



#10 gamma-Chlordane

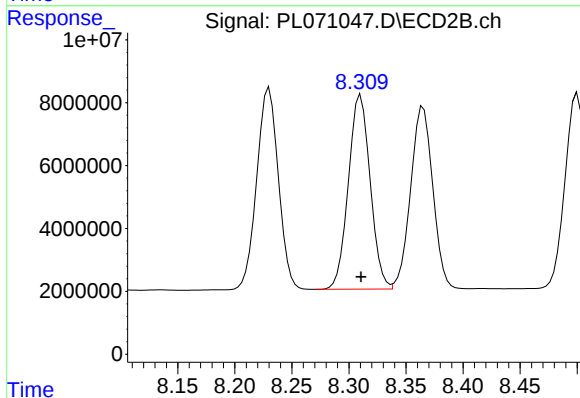
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 84817613  
Conc: 54.78 ng/ml



#11 alpha-Chlordane

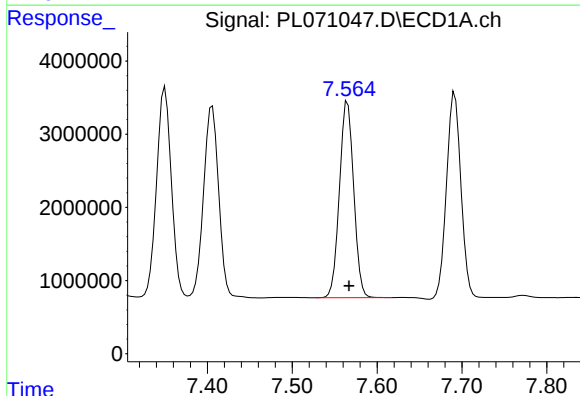
R.T.: 7.350 min  
Delta R.T.: -0.002 min  
Response: 34901330  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



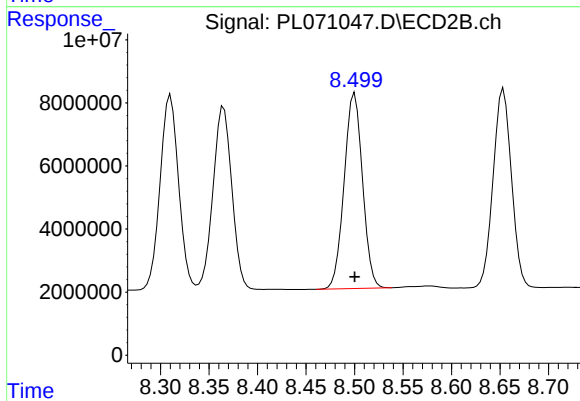
#11 alpha-Chlordane

R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 82215087  
Conc: 54.05 ng/ml



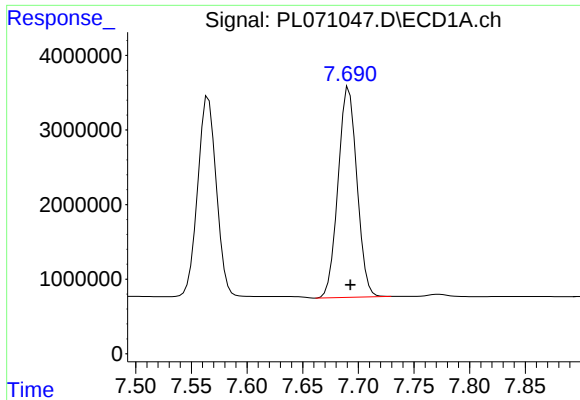
#12 4,4'-DDE

R.T.: 7.565 min  
Delta R.T.: -0.002 min  
Response: 31287199  
Conc: 53.70 ng/ml



#12 4,4'-DDE

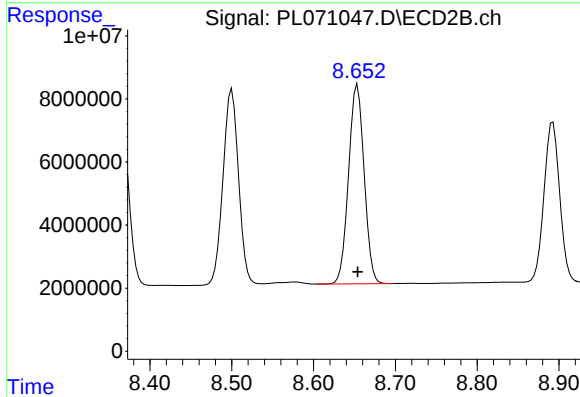
R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 81500031  
Conc: 55.24 ng/ml



#13 Dieldrin

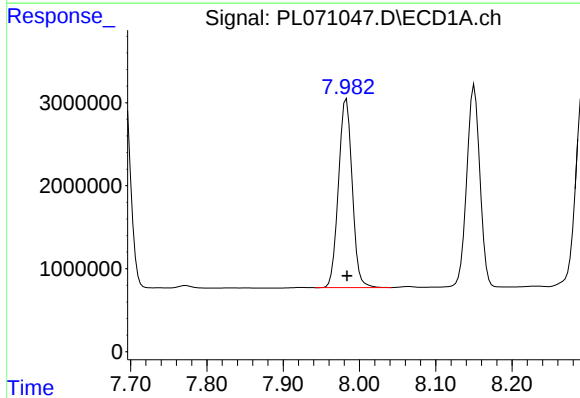
R.T.: 7.692 min  
Delta R.T.: -0.001 min  
Response: 33282848  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



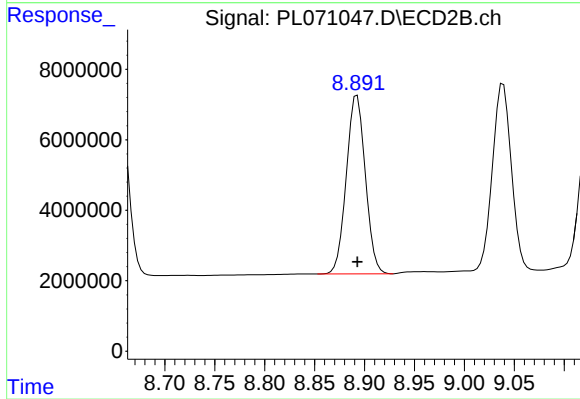
#13 Dieldrin

R.T.: 8.654 min  
Delta R.T.: 0.000 min  
Response: 83216472  
Conc: 57.11 ng/ml



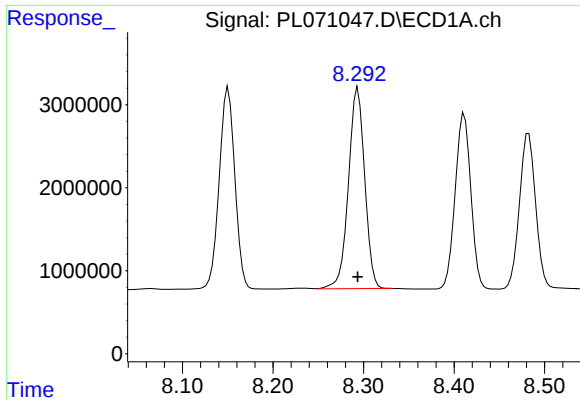
#14 Endrin

R.T.: 7.983 min  
Delta R.T.: 0.000 min  
Response: 28350611  
Conc: 50.00 ng/ml



#14 Endrin

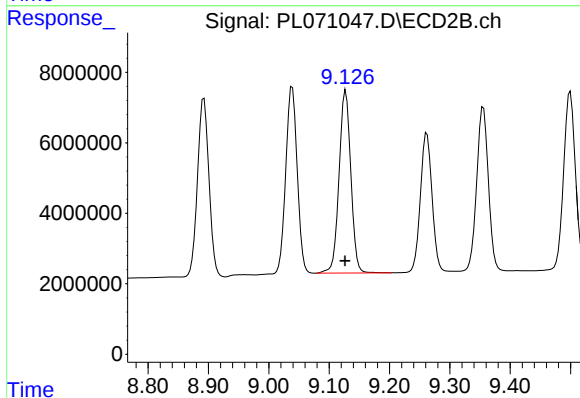
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 67181981  
Conc: 58.00 ng/ml



#15 Endosulfan II

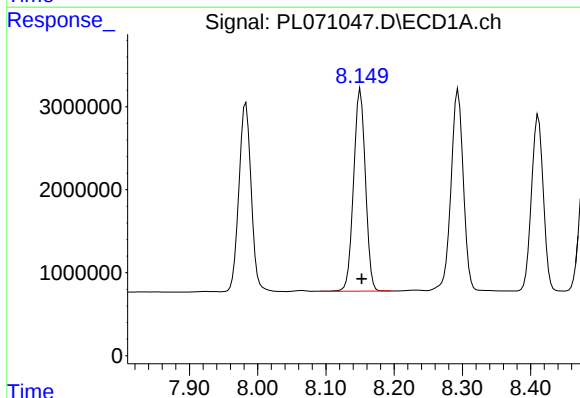
R.T.: 8.294 min  
Delta R.T.: 0.000 min  
Response: 30226380  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



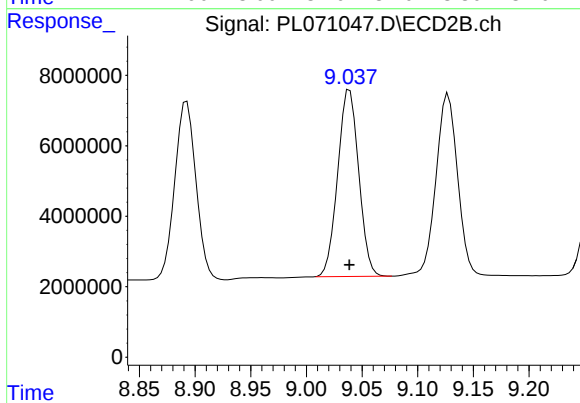
#15 Endosulfan II

R.T.: 9.128 min  
Delta R.T.: 0.001 min  
Response: 70181905  
Conc: 57.46 ng/ml



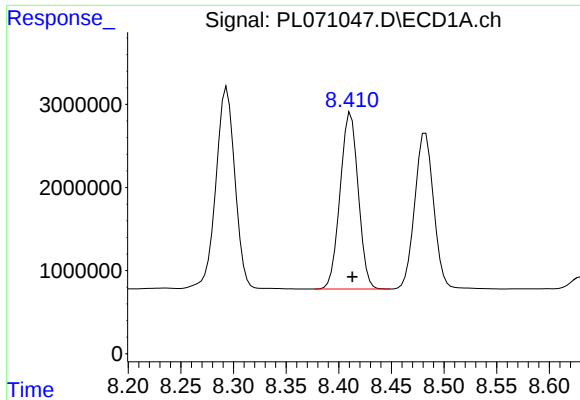
#16 4,4'-DDD

R.T.: 8.151 min  
Delta R.T.: -0.002 min  
Response: 29281673  
Conc: 57.63 ng/ml



#16 4,4'-DDD

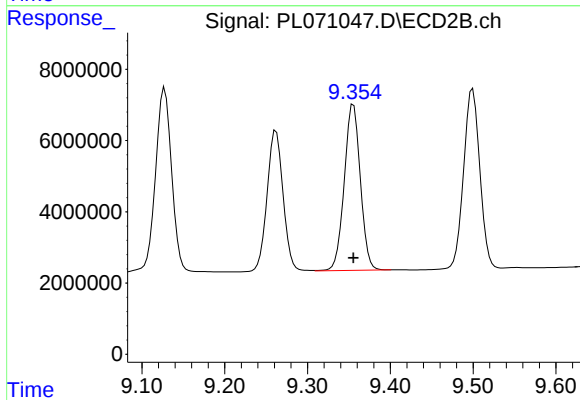
R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 69841699  
Conc: 58.04 ng/ml



#17 4,4'-DDT

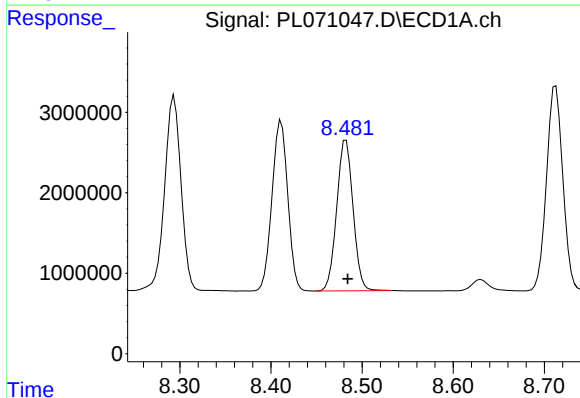
R.T.: 8.411 min  
Delta R.T.: -0.002 min  
Response: 25499346  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



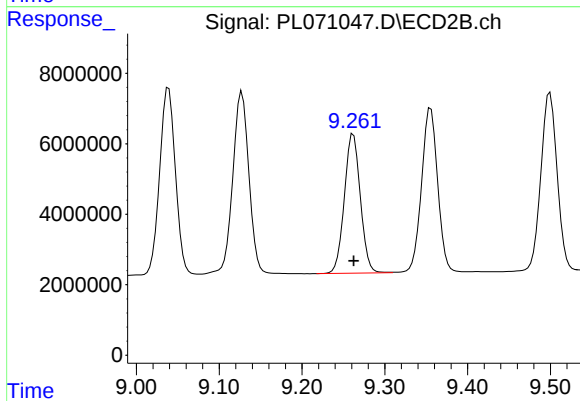
#17 4,4'-DDT

R.T.: 9.355 min  
Delta R.T.: 0.000 min  
Response: 62962070  
Conc: 49.91 ng/ml



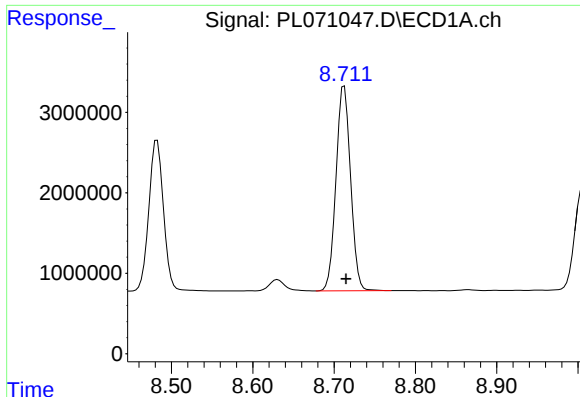
#18 Endrin aldehyde

R.T.: 8.482 min  
Delta R.T.: -0.002 min  
Response: 23350587  
Conc: 51.40 ng/ml



#18 Endrin aldehyde

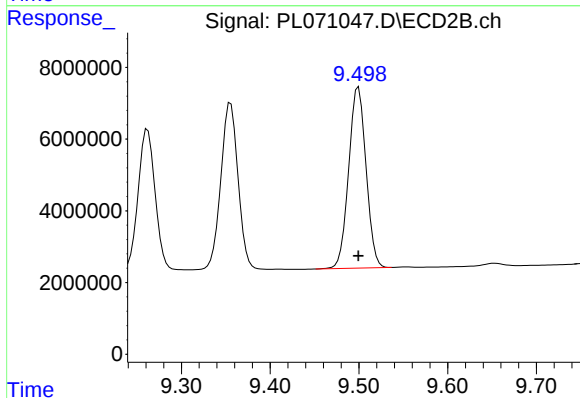
R.T.: 9.262 min  
Delta R.T.: 0.000 min  
Response: 53149792  
Conc: 54.96 ng/ml



#19 Endosulfan Sulfate

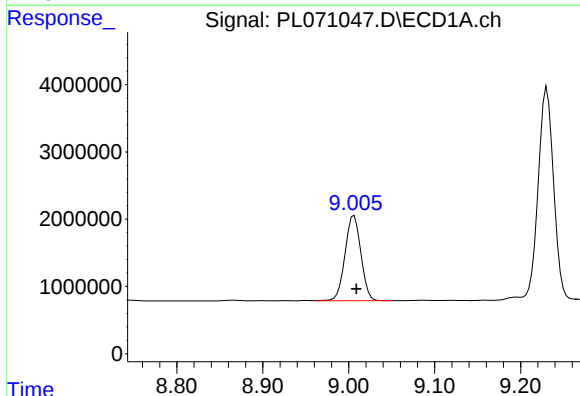
R.T.: 8.713 min  
Delta R.T.: -0.002 min  
Response: 31729639  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



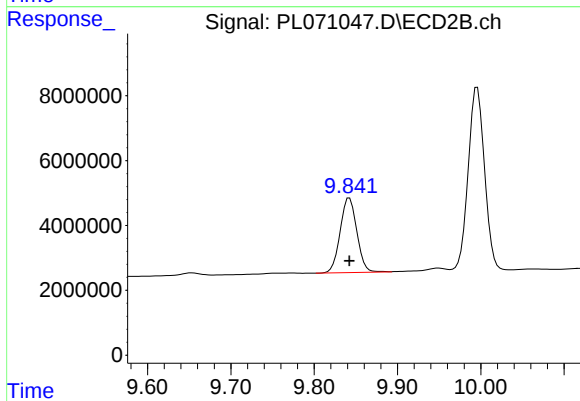
#19 Endosulfan Sulfate

R.T.: 9.500 min  
Delta R.T.: 0.000 min  
Response: 68677617  
Conc: 55.41 ng/ml



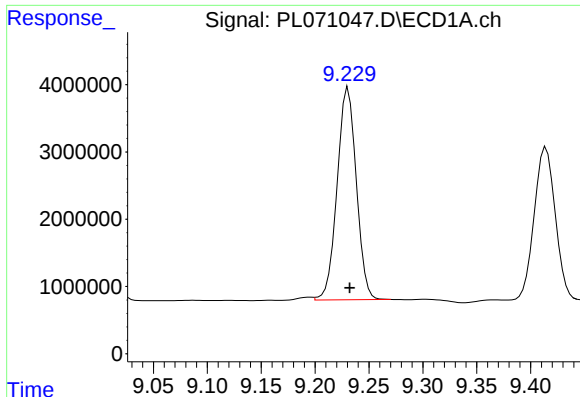
#20 Methoxychlor

R.T.: 9.006 min  
Delta R.T.: -0.003 min  
Response: 16309134  
Conc: 44.58 ng/ml



#20 Methoxychlor

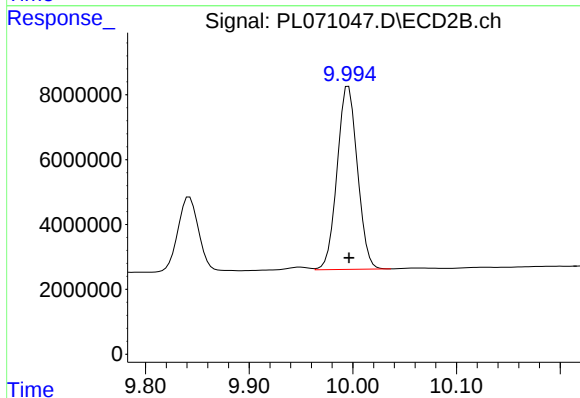
R.T.: 9.842 min  
Delta R.T.: 0.000 min  
Response: 31981062  
Conc: 47.25 ng/ml



#21 Endrin ketone

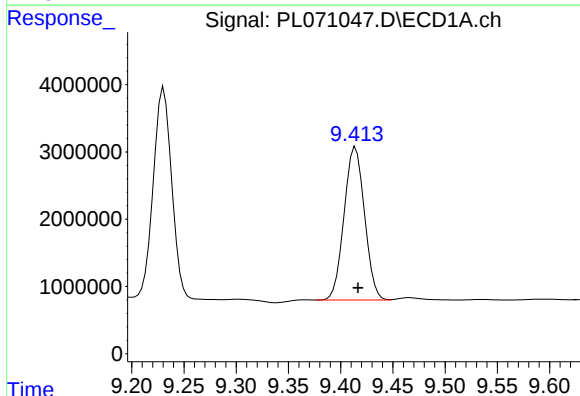
R.T.: 9.231 min  
Delta R.T.: -0.001 min  
Response: 39113234  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



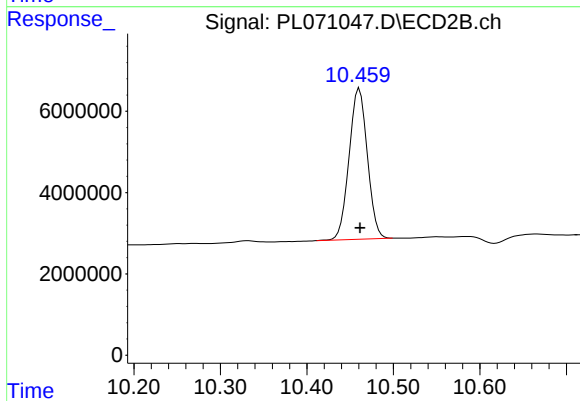
#21 Endrin ketone

R.T.: 9.996 min  
Delta R.T.: 0.000 min  
Response: 76900701  
Conc: 53.57 ng/ml



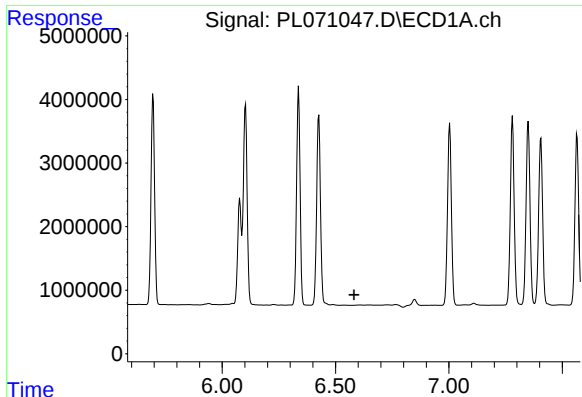
#22 Mirex

R.T.: 9.414 min  
Delta R.T.: -0.002 min  
Response: 30950948  
Conc: 50.40 ng/ml



#22 Mirex

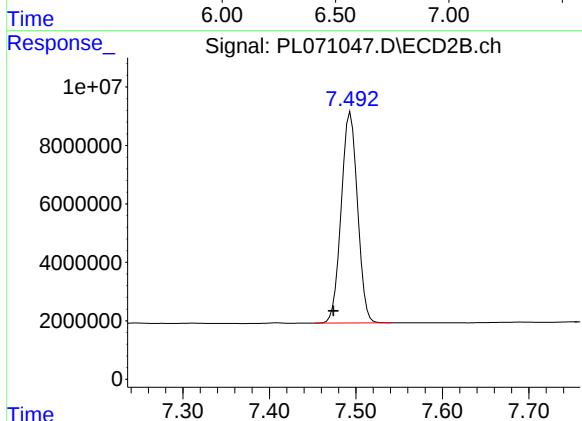
R.T.: 10.461 min  
Delta R.T.: 0.000 min  
Response: 54421908  
Conc: 52.25 ng/ml



#24 Chlordane-2

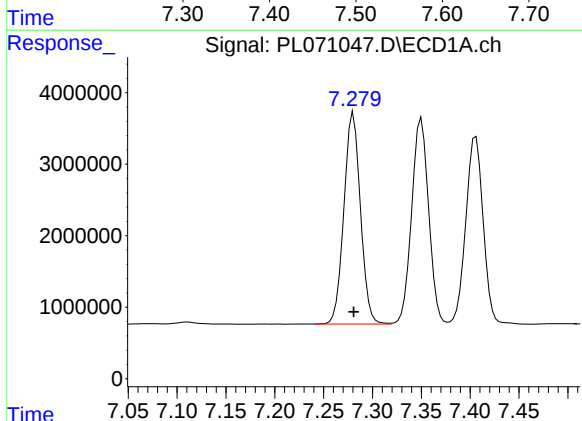
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



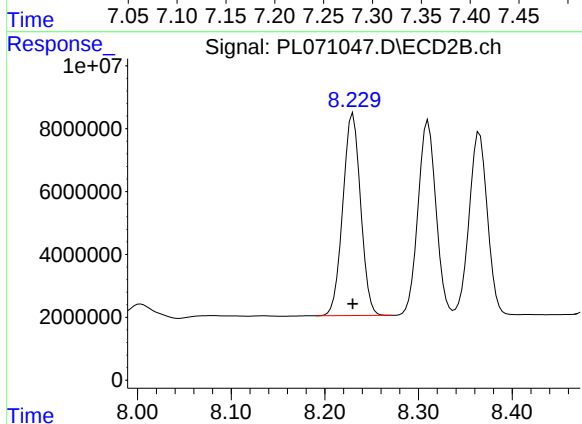
#24 Chlordane-2

R.T.: 7.494 min  
Delta R.T.: 0.020 min  
Response: 93927266  
Conc: 1790.63 ng/ml



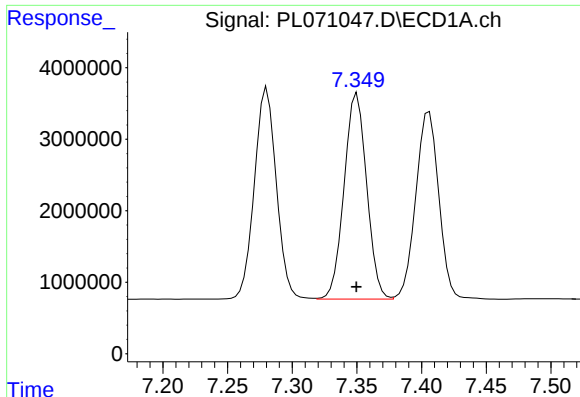
#25 Chlordane-3

R.T.: 7.280 min  
Delta R.T.: 0.000 min  
Response: 34866736  
Conc: 571.09 ng/ml



#25 Chlordane-3

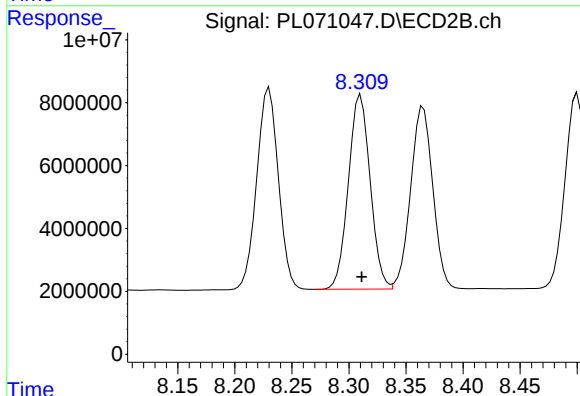
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 84817613  
Conc: 419.62 ng/ml



#26 Chlordane-4

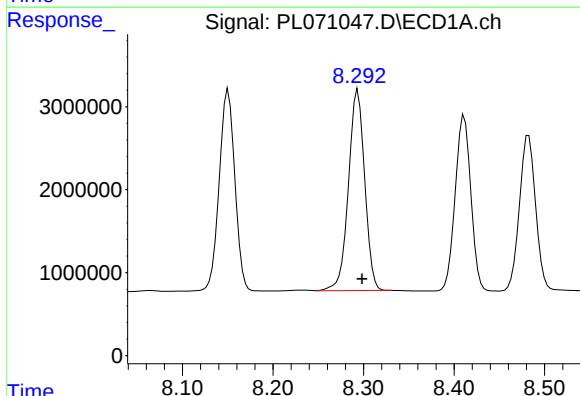
R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 34901330  
Conc: 531.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



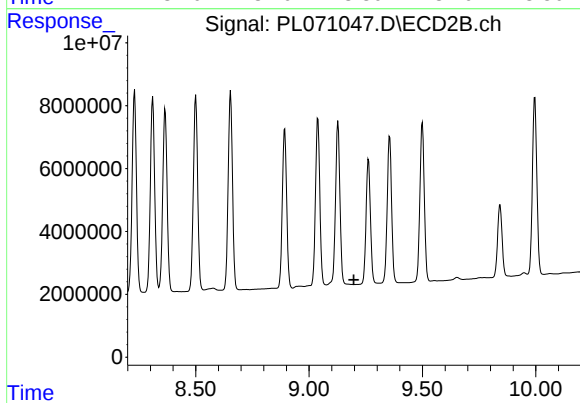
#26 Chlordane-4

R.T.: 8.310 min  
Delta R.T.: -0.001 min  
Response: 82215087  
Conc: 338.79 ng/ml



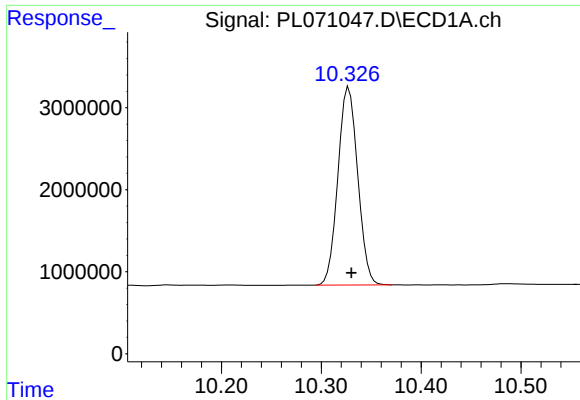
#27 Chlordane-5

R.T.: 8.294 min  
Delta R.T.: -0.005 min  
Response: 30226380  
Conc: 1351.93 ng/ml



#27 Chlordane-5

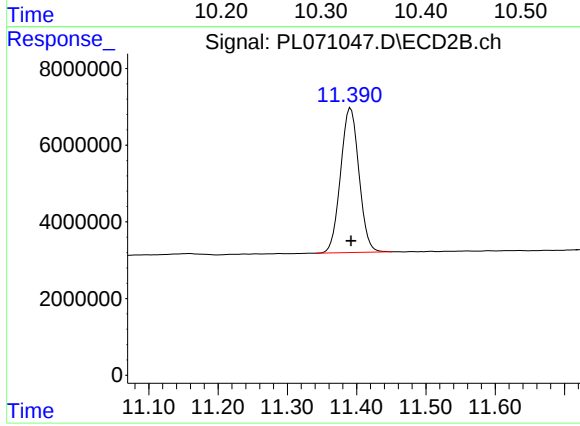
R.T.: 0.000 min  
Exp R.T.: 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.328 min  
Delta R.T.: -0.003 min  
Response: 33279419  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.391 min  
Delta R.T.: 0.000 min  
Response: 69506455  
Conc: 51.97 ng/ml