

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062321\  
 Data File : PL067756.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jun 2021 14:57  
 Operator : AR\AJ  
 Sample : M2815-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SH-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 24 01:47:16 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 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... | 4.479  | 5.529  | 6572786  | 11563462 | 11.955   | 12.266     |
| 28)                         | SA Decachlor... | 10.220 | 11.428 | 7231675  | 11519536 | 10.204   | 11.565     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.178  | 6.110  | 43732190 | 71181411 | 59.459   | 57.568     |
| 3)                          | MA gamma-BHC... | 5.598  | 6.505  | 41435393 | 67087709 | 55.290   | 56.904     |
| 4)                          | MA Heptachlor   | 6.009  | 7.153  | 41452881 | 63648871 | 54.955   | 57.072     |
| 5)                          | MB Aldrin       | 6.330  | 7.524  | 40046194 | 56919572 | 54.426   | 52.589     |
| 6)                          | B beta-BHC      | 5.981  | 6.761  | 19356135 | 31449881 | 54.097   | 57.918     |
| 7)                          | B delta-BHC     | 6.238  | 7.027  | 42059968 | 67049452 | 56.947   | 57.038     |
| 8)                          | B Heptachlo...  | 6.904  | 7.989  | 37220792 | 54922742 | 53.198   | 54.826     |
| 9)                          | A Endosulfan I  | 7.303  | 8.394  | 35622002 | 47873163 | 52.988   | 52.427     |
| 10)                         | B gamma-Chl...  | 7.182  | 8.258  | 39902364 | 56338691 | 55.037   | 55.800     |
| 11)                         | B alpha-Chl...  | 7.251  | 8.339  | 39376946 | 52063092 | 53.785   | 51.567     |
| 12)                         | B 4,4'-DDE      | 7.469  | 8.528  | 35172606 | 48692011 | 52.866   | 53.748     |
| 13)                         | MA Dieldrin     | 7.588  | 8.683  | 38398529 | 50342093 | 54.777   | 55.429     |
| 14)                         | MA Endrin       | 7.875  | 8.922  | 37547477 | 45468636 | 57.267   | 59.444     |
| 15)                         | B Endosulfa...  | 8.186  | 9.156  | 34241198 | 43734603 | 55.598   | 54.854     |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.067  | 30545852 | 42509458 | 52.550   | 59.771     |
| 17)                         | MA 4,4'-DDT     | 8.310  | 9.384  | 33574041 | 37352990 | 57.699   | 50.949     |
| 18)                         | B Endrin al...  | 8.373  | 9.291  | 29468193 | 38034201 | 58.206   | 59.556     |
| 19)                         | B Endosulfa...  | 8.604  | 9.529  | 34179275 | 43566656 | 53.843   | 54.858     |
| 20)                         | A Methoxychlor  | 8.903  | 9.871  | 19351457 | 22346397 | 54.439   | 57.475     |
| 21)                         | B Endrin ke...  | 9.113  | 10.026 | 39376731 | 50295673 | 51.719   | 55.491     |
| 22)                         | Mirex           | 9.301  | 10.491 | 31289754 | 39552026 | 49.684   | 52.318     |
| 24)                         | Chlordane-2     | 6.462f | 7.524f | 221852   | 56919572 | 8.285    | 1561.743 # |
| 25)                         | Chlordane-3     | 7.182  | 8.258  | 39902364 | 56338691 | 593.868  | 420.947 #  |
| 26)                         | Chlordane-4     | 7.251  | 8.339  | 39376946 | 52063092 | 538.830  | 321.178 #  |
| 27)                         | Chlordane-5     | 8.186  | 0.000  | 34241198 | 0        | 1565.020 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

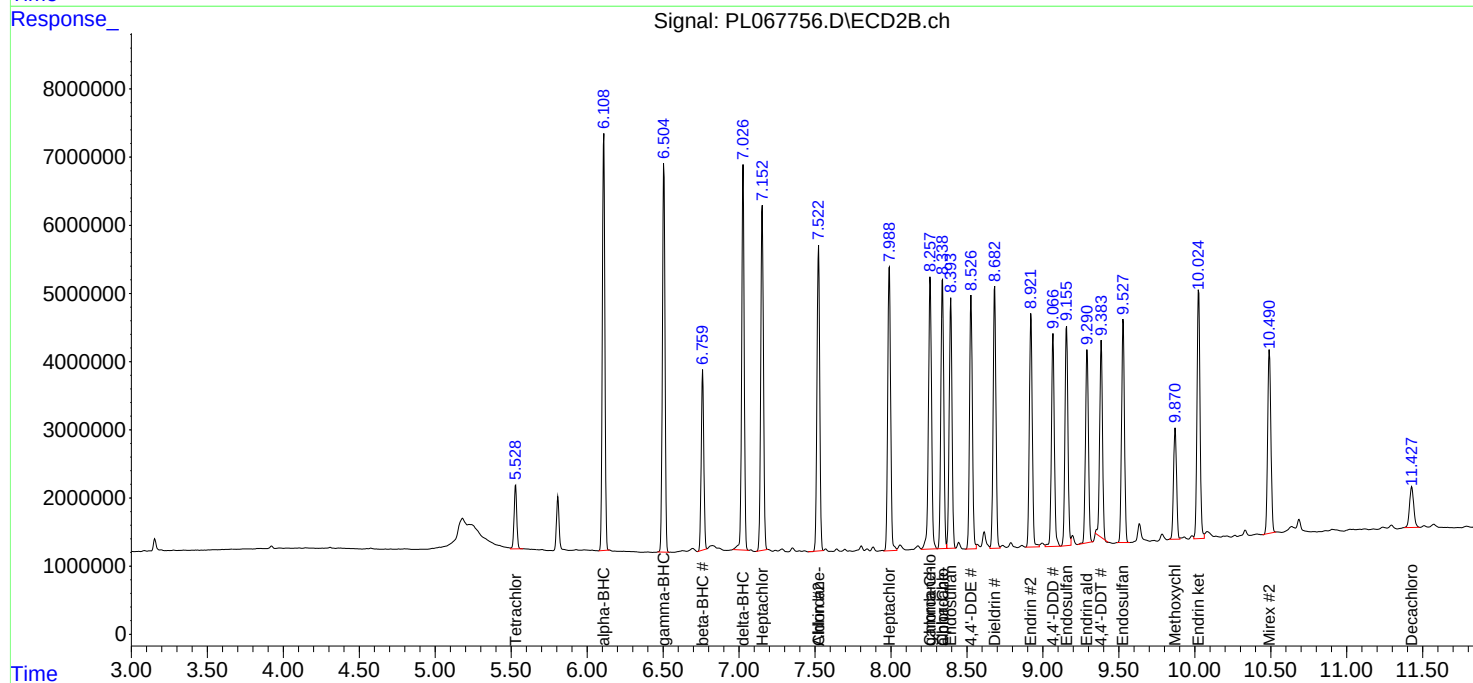
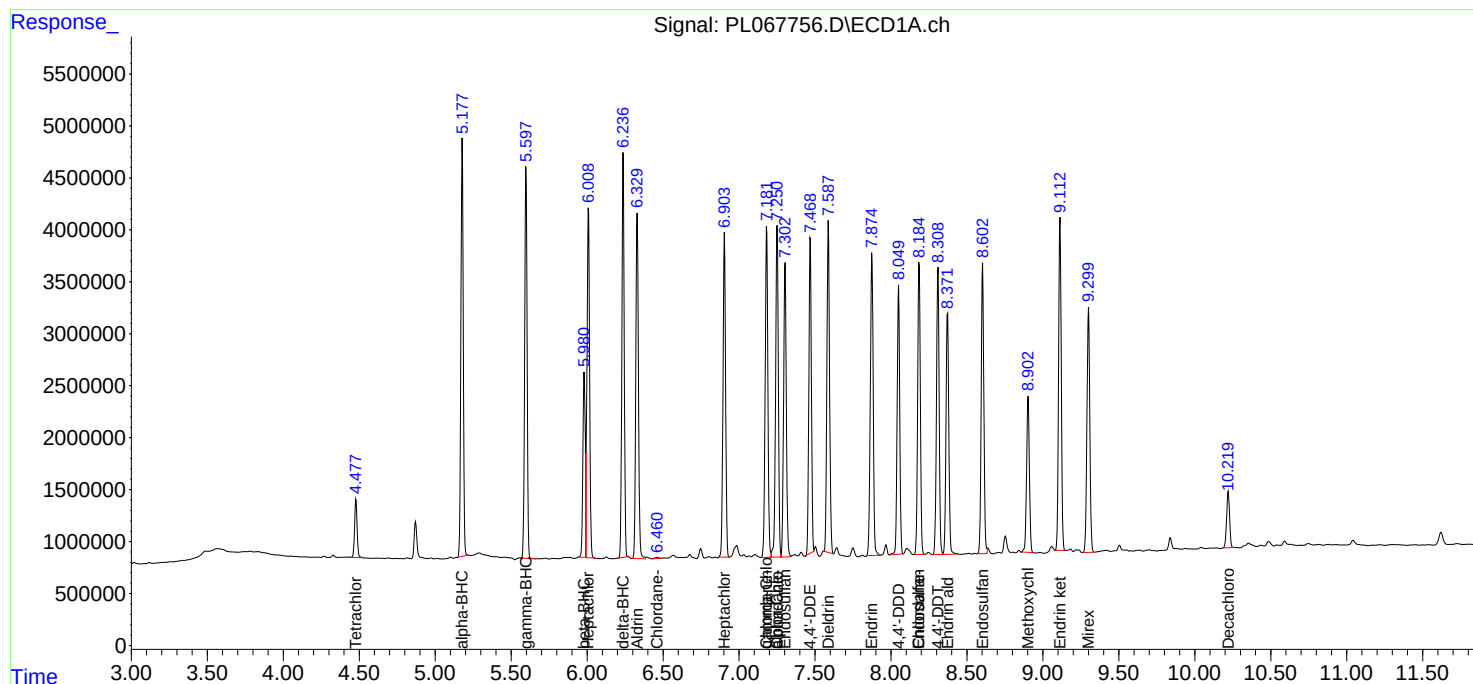
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

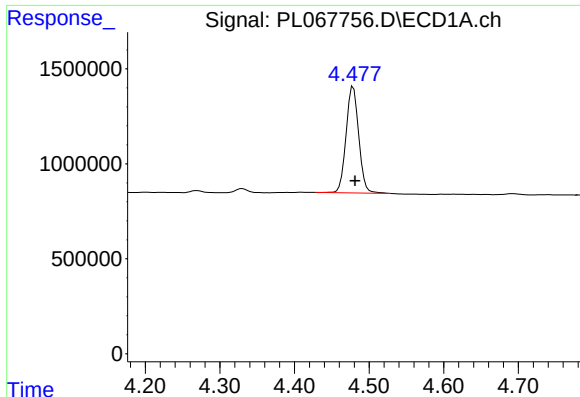
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062321\  
Data File : PL067756.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jun 2021 14:57  
Operator : AR\AJ  
Sample : M2815-01MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 24 01:47:16 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 11 02:00:12 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

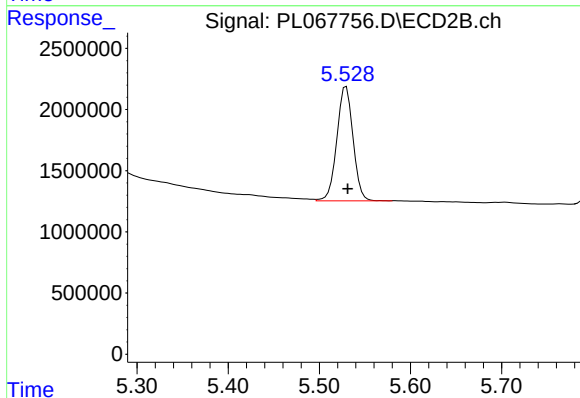




#1 Tetrachloro-m-xylene

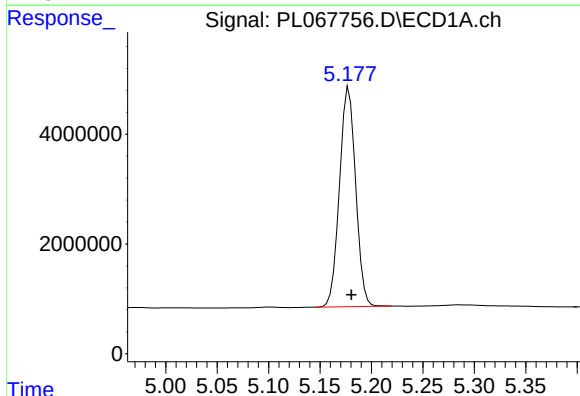
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 6572786  
Conc: 11.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



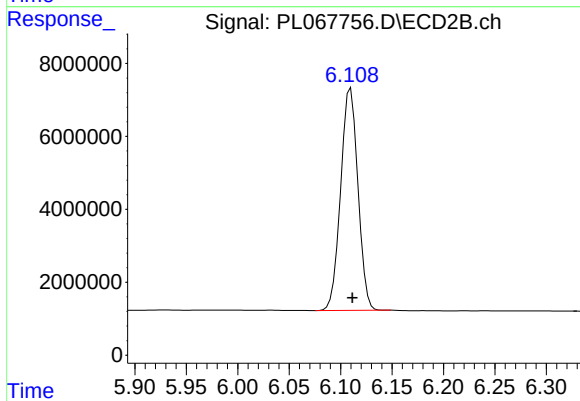
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.002 min  
Response: 11563462  
Conc: 12.27 ng/ml



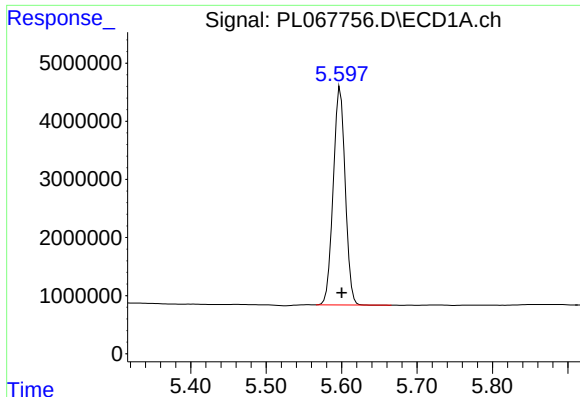
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.002 min  
Response: 43732190  
Conc: 59.46 ng/ml



#2 alpha-BHC

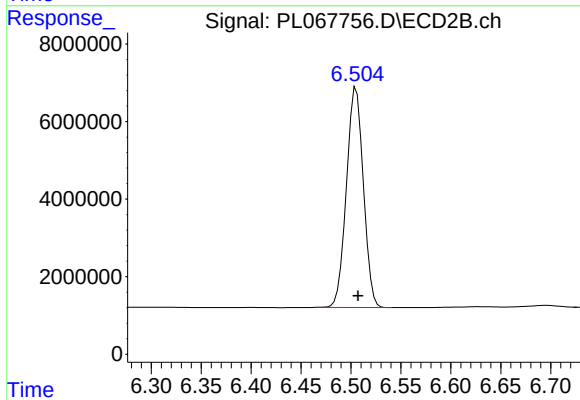
R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 71181411  
Conc: 57.57 ng/ml



#3 gamma-BHC (Lindane)

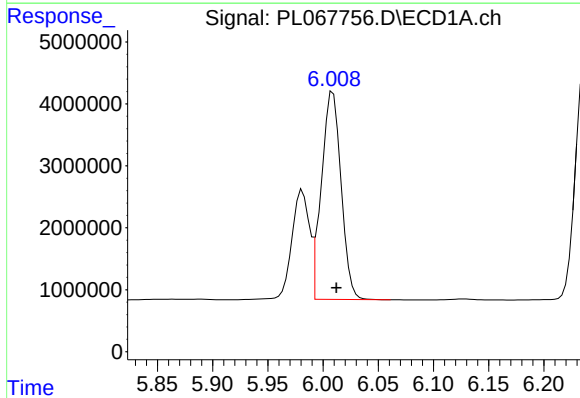
R.T.: 5.598 min  
Delta R.T.: -0.002 min  
Response: 41435393  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



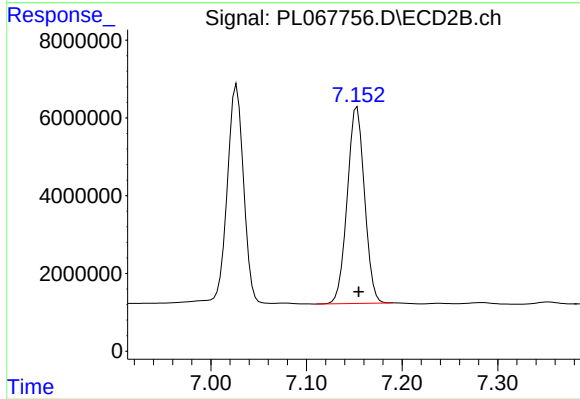
#3 gamma-BHC (Lindane)

R.T.: 6.505 min  
Delta R.T.: -0.002 min  
Response: 67087709  
Conc: 56.90 ng/ml



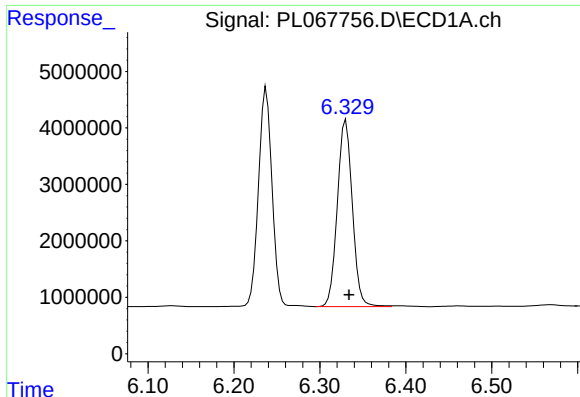
#4 Heptachlor

R.T.: 6.009 min  
Delta R.T.: -0.003 min  
Response: 41452881  
Conc: 54.96 ng/ml



#4 Heptachlor

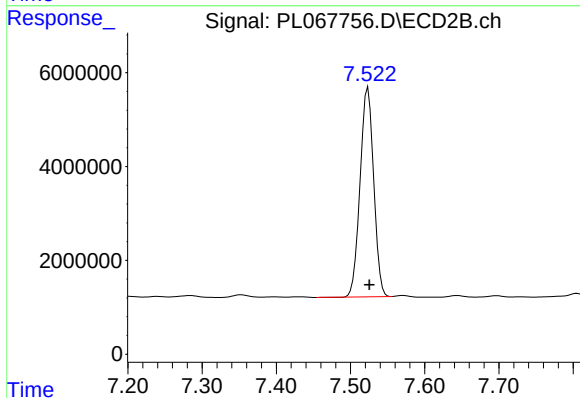
R.T.: 7.153 min  
Delta R.T.: -0.002 min  
Response: 63648871  
Conc: 57.07 ng/ml



#5 Aldrin

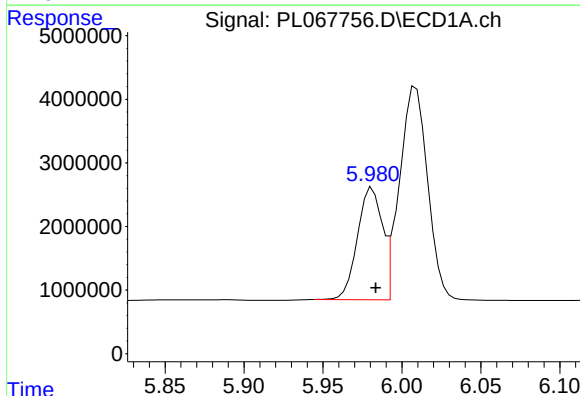
R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 40046194  
Conc: 54.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



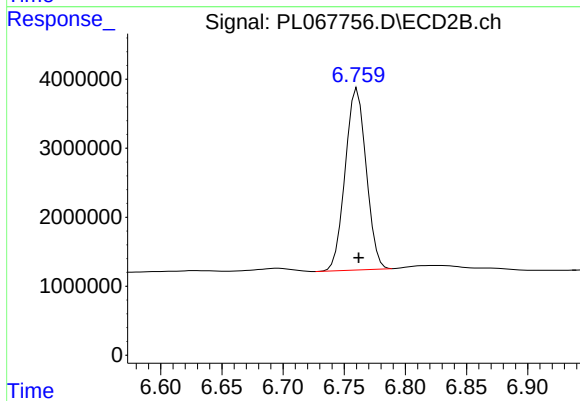
#5 Aldrin

R.T.: 7.524 min  
Delta R.T.: -0.002 min  
Response: 56919572  
Conc: 52.59 ng/ml



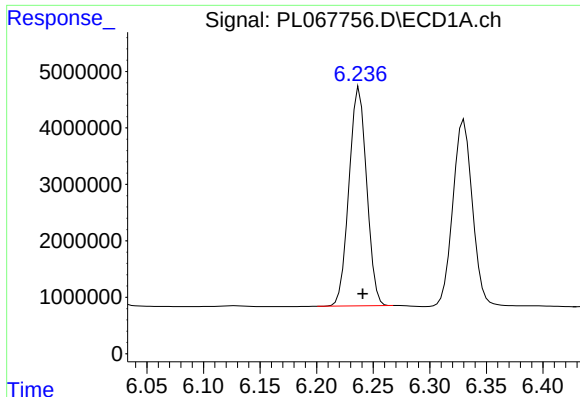
#6 beta-BHC

R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 19356135  
Conc: 54.10 ng/ml



#6 beta-BHC

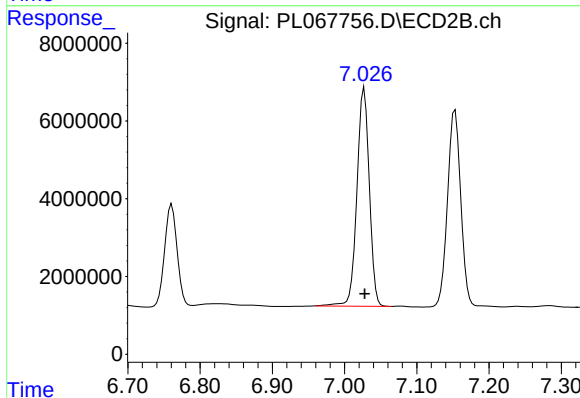
R.T.: 6.761 min  
Delta R.T.: -0.001 min  
Response: 31449881  
Conc: 57.92 ng/ml



#7 delta-BHC

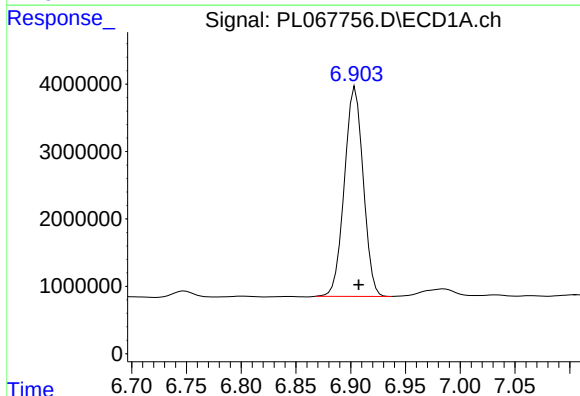
R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 42059968  
Conc: 56.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



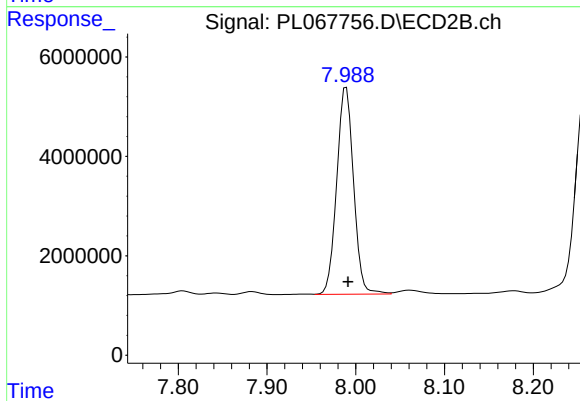
#7 delta-BHC

R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 67049452  
Conc: 57.04 ng/ml



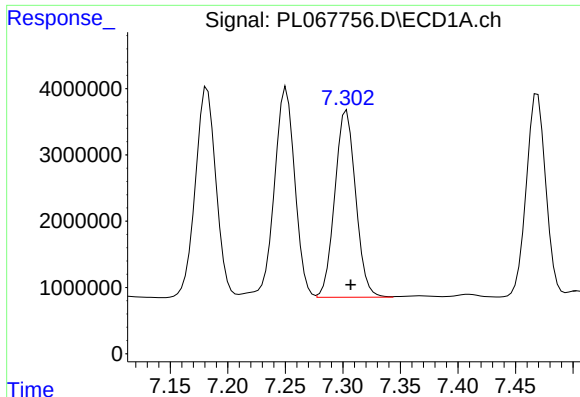
#8 Heptachlor epoxide

R.T.: 6.904 min  
Delta R.T.: -0.003 min  
Response: 37220792  
Conc: 53.20 ng/ml



#8 Heptachlor epoxide

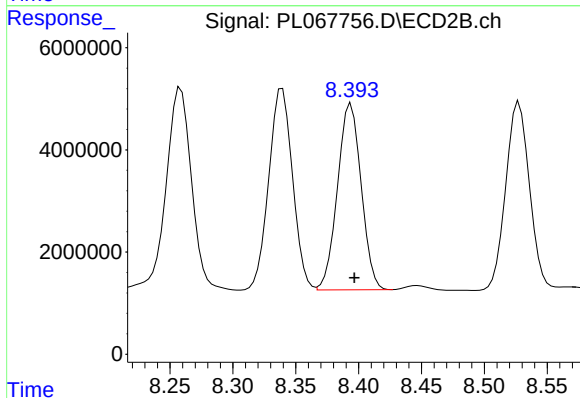
R.T.: 7.989 min  
Delta R.T.: -0.002 min  
Response: 54922742  
Conc: 54.83 ng/ml



#9 Endosulfan I

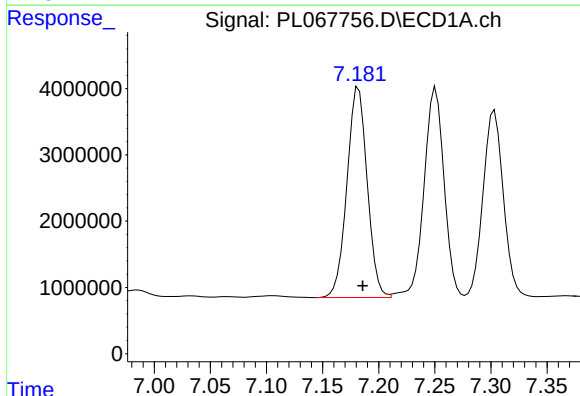
R.T.: 7.303 min  
Delta R.T.: -0.004 min  
Response: 35622002  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



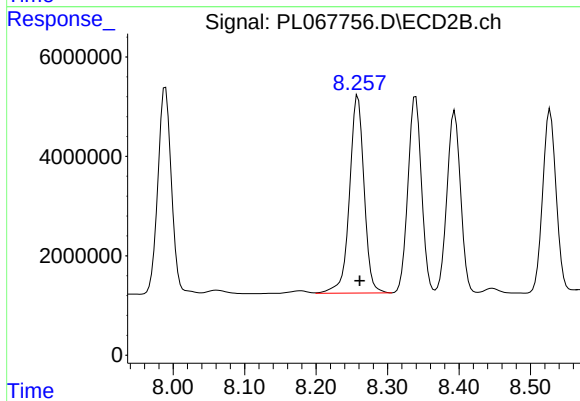
#9 Endosulfan I

R.T.: 8.394 min  
Delta R.T.: -0.003 min  
Response: 47873163  
Conc: 52.43 ng/ml



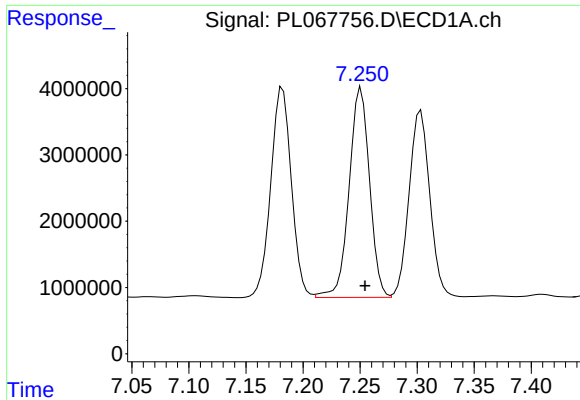
#10 gamma-Chlordane

R.T.: 7.182 min  
Delta R.T.: -0.004 min  
Response: 39902364  
Conc: 55.04 ng/ml



#10 gamma-Chlordane

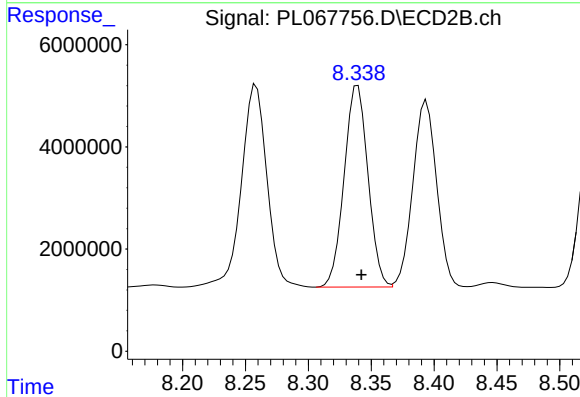
R.T.: 8.258 min  
Delta R.T.: -0.003 min  
Response: 56338691  
Conc: 55.80 ng/ml



#11 alpha-Chlordane

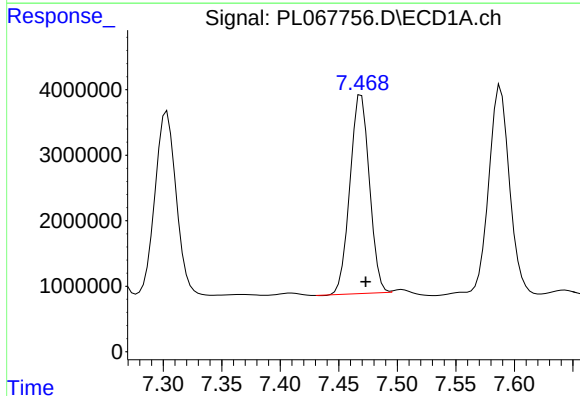
R.T.: 7.251 min  
Delta R.T.: -0.004 min  
Response: 39376946  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



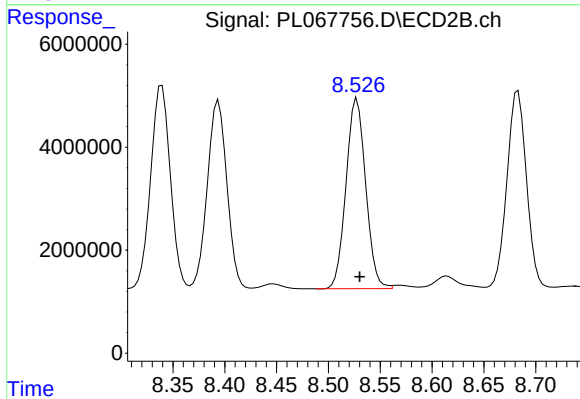
#11 alpha-Chlordane

R.T.: 8.339 min  
Delta R.T.: -0.003 min  
Response: 52063092  
Conc: 51.57 ng/ml



#12 4,4'-DDE

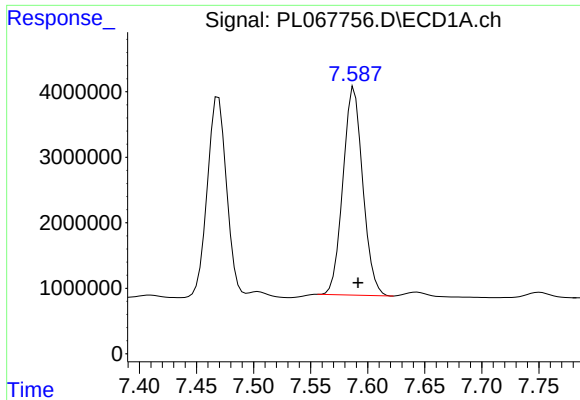
R.T.: 7.469 min  
Delta R.T.: -0.004 min  
Response: 35172606  
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 8.528 min  
Delta R.T.: -0.003 min  
Response: 48692011  
Conc: 53.75 ng/ml

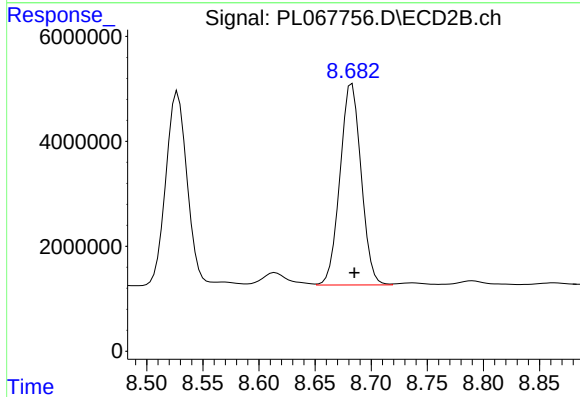




#13 Dieldrin

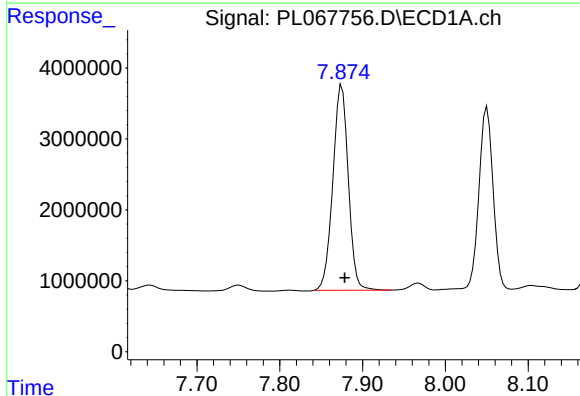
R.T.: 7.588 min  
Delta R.T.: -0.003 min  
Response: 38398529  
Conc: 54.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



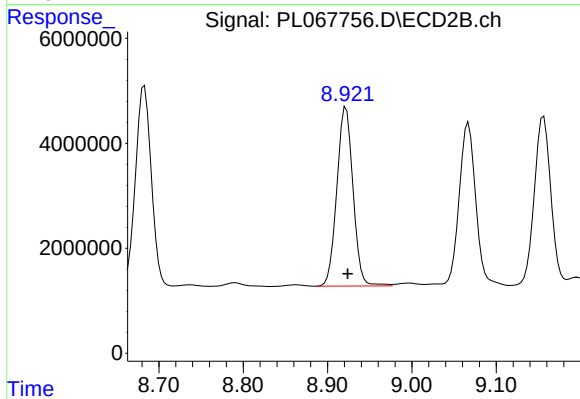
#13 Dieldrin

R.T.: 8.683 min  
Delta R.T.: -0.002 min  
Response: 50342093  
Conc: 55.43 ng/ml



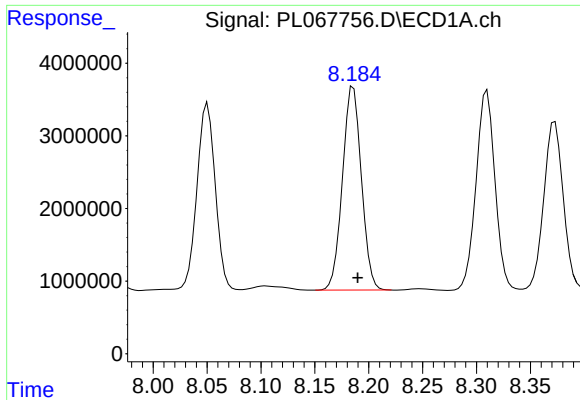
#14 Endrin

R.T.: 7.875 min  
Delta R.T.: -0.003 min  
Response: 37547477  
Conc: 57.27 ng/ml



#14 Endrin

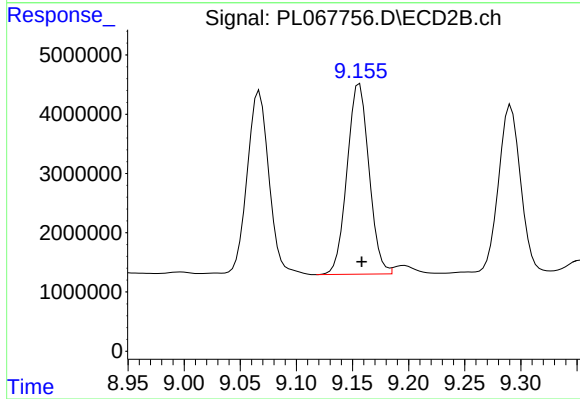
R.T.: 8.922 min  
Delta R.T.: -0.002 min  
Response: 45468636  
Conc: 59.44 ng/ml



#15 Endosulfan II

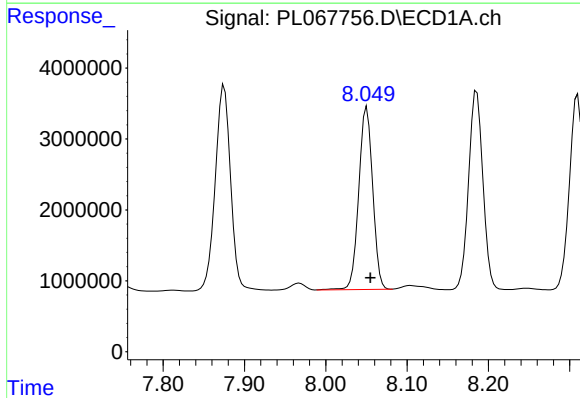
R.T.: 8.186 min  
Delta R.T.: -0.004 min  
Response: 34241198  
Conc: 55.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



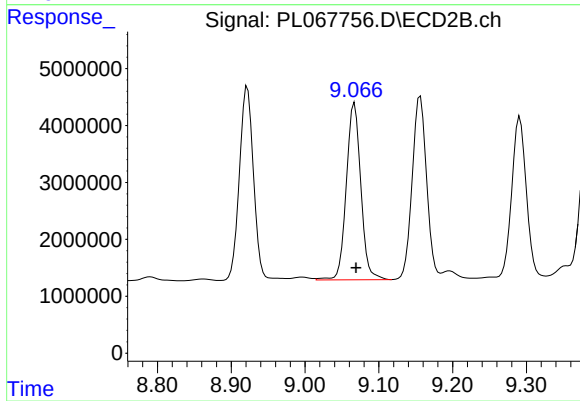
#15 Endosulfan II

R.T.: 9.156 min  
Delta R.T.: -0.002 min  
Response: 43734603  
Conc: 54.85 ng/ml



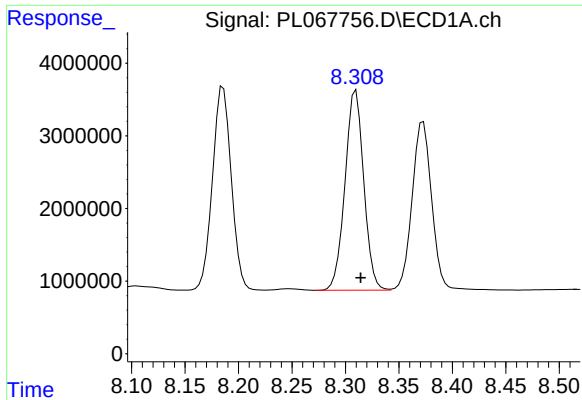
#16 4,4'-DDD

R.T.: 8.051 min  
Delta R.T.: -0.004 min  
Response: 30545852  
Conc: 52.55 ng/ml



#16 4,4'-DDD

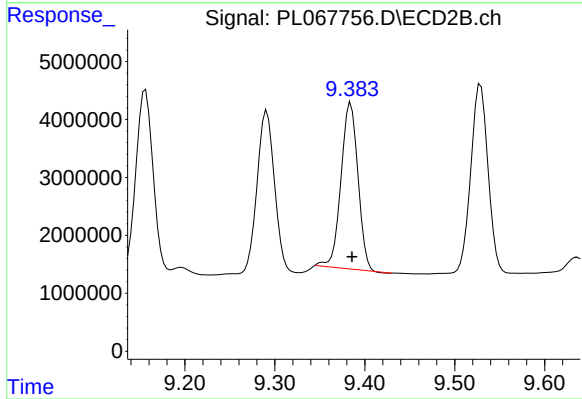
R.T.: 9.067 min  
Delta R.T.: -0.002 min  
Response: 42509458  
Conc: 59.77 ng/ml



#17 4,4'-DDT

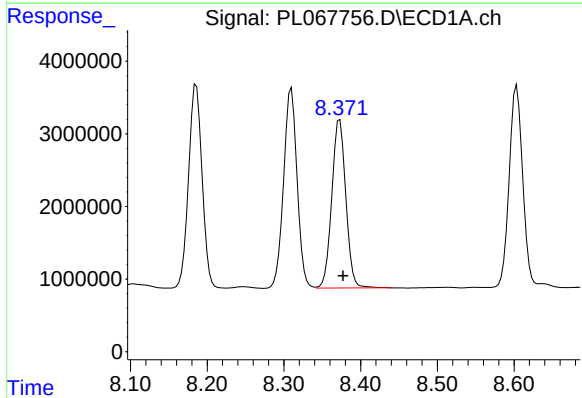
R.T.: 8.310 min  
Delta R.T.: -0.004 min  
Response: 33574041  
Conc: 57.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



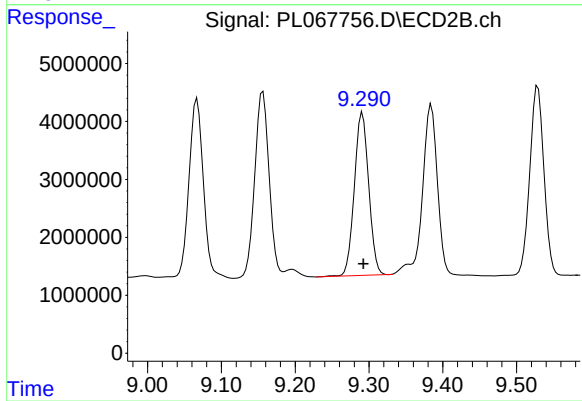
#17 4,4'-DDT

R.T.: 9.384 min  
Delta R.T.: -0.001 min  
Response: 37352990  
Conc: 50.95 ng/ml



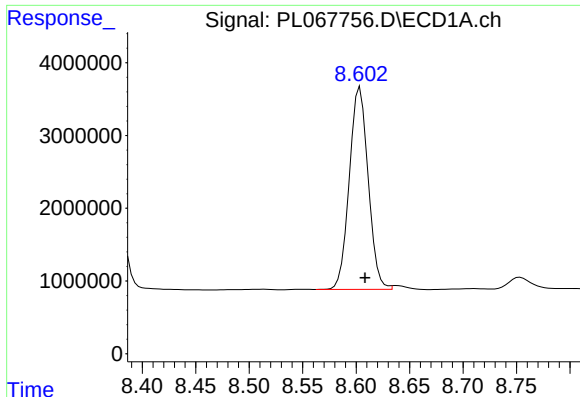
#18 Endrin aldehyde

R.T.: 8.373 min  
Delta R.T.: -0.004 min  
Response: 29468193  
Conc: 58.21 ng/ml



#18 Endrin aldehyde

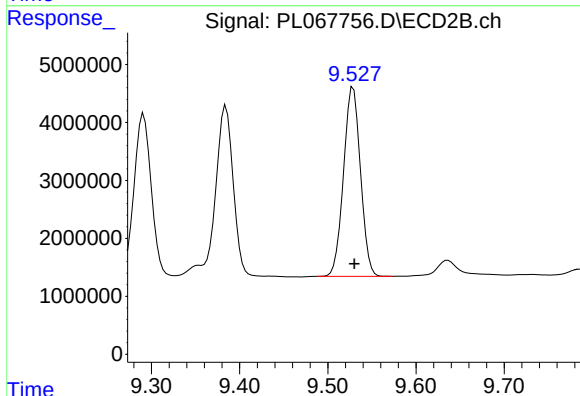
R.T.: 9.291 min  
Delta R.T.: -0.001 min  
Response: 38034201  
Conc: 59.56 ng/ml



#19 Endosulfan Sulfate

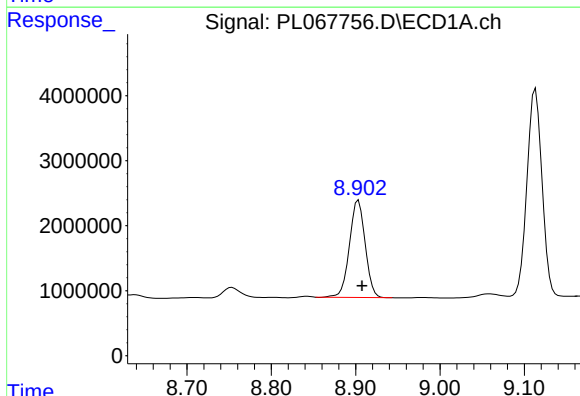
R.T.: 8.604 min  
Delta R.T.: -0.005 min  
Response: 34179275  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



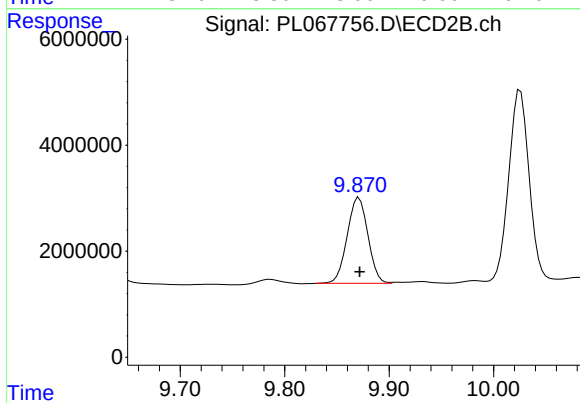
#19 Endosulfan Sulfate

R.T.: 9.529 min  
Delta R.T.: -0.001 min  
Response: 43566656  
Conc: 54.86 ng/ml



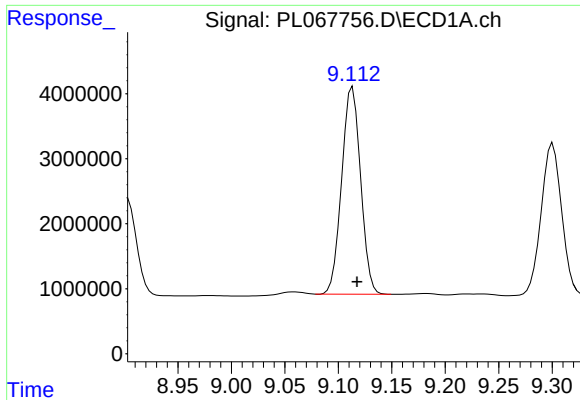
#20 Methoxychlor

R.T.: 8.903 min  
Delta R.T.: -0.004 min  
Response: 19351457  
Conc: 54.44 ng/ml



#20 Methoxychlor

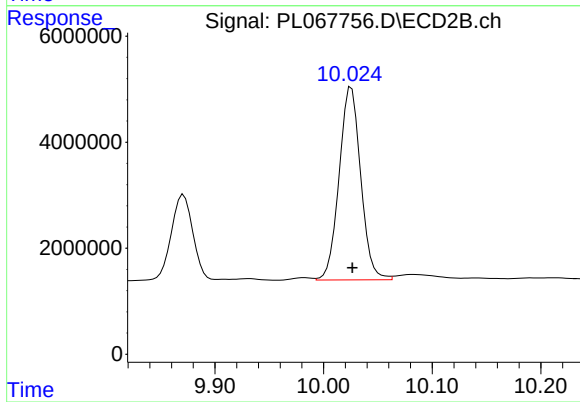
R.T.: 9.871 min  
Delta R.T.: 0.000 min  
Response: 22346397  
Conc: 57.47 ng/ml



#21 Endrin ketone

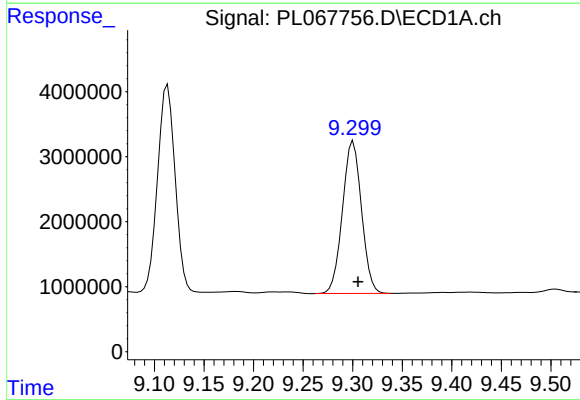
R.T.: 9.113 min  
Delta R.T.: -0.004 min  
Response: 39376731  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



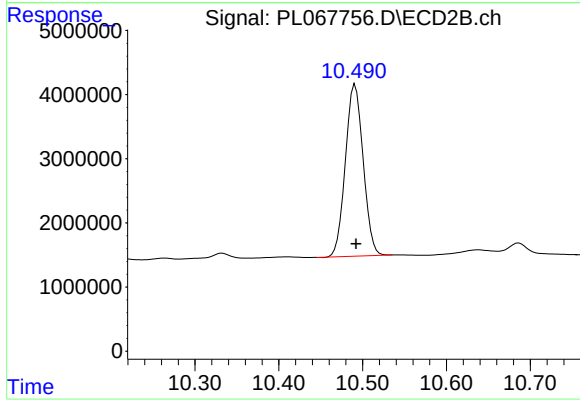
#21 Endrin ketone

R.T.: 10.026 min  
Delta R.T.: 0.000 min  
Response: 50295673  
Conc: 55.49 ng/ml



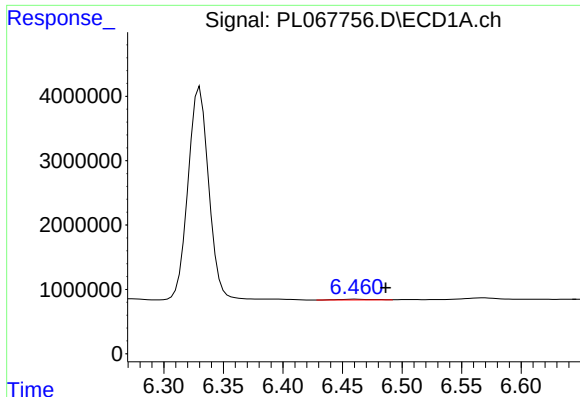
#22 Mirex

R.T.: 9.301 min  
Delta R.T.: -0.005 min  
Response: 31289754  
Conc: 49.68 ng/ml



#22 Mirex

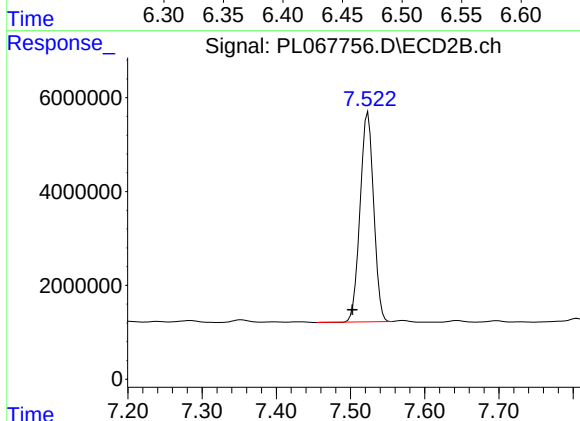
R.T.: 10.491 min  
Delta R.T.: -0.001 min  
Response: 39552026  
Conc: 52.32 ng/ml



#24 Chlordane-2

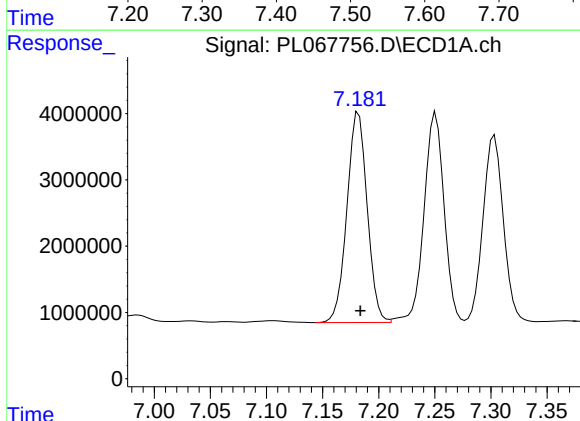
R.T.: 6.462 min  
Delta R.T.: -0.025 min  
Response: 221852  
Conc: 8.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



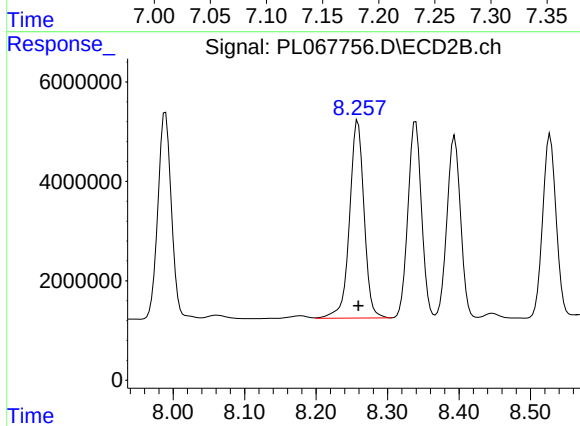
#24 Chlordane-2

R.T.: 7.524 min  
Delta R.T.: 0.021 min  
Response: 56919572  
Conc: 1561.74 ng/ml



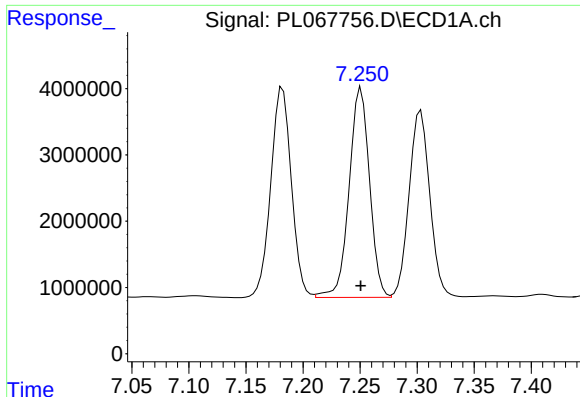
#25 Chlordane-3

R.T.: 7.182 min  
Delta R.T.: -0.002 min  
Response: 39902364  
Conc: 593.87 ng/ml



#25 Chlordane-3

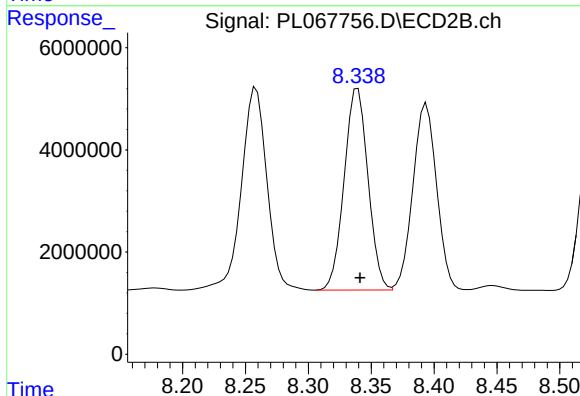
R.T.: 8.258 min  
Delta R.T.: 0.000 min  
Response: 56338691  
Conc: 420.95 ng/ml



#26 Chlordane-4

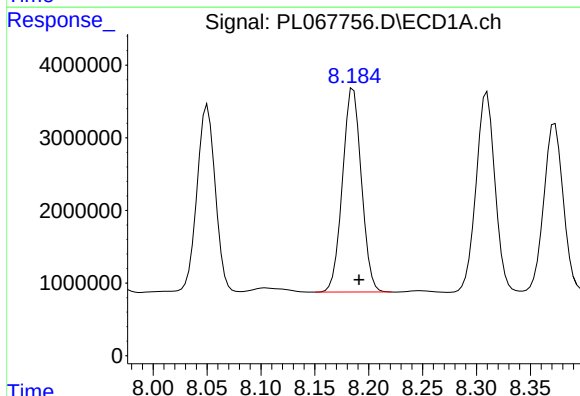
R.T.: 7.251 min  
Delta R.T.: 0.000 min  
Response: 39376946  
Conc: 538.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



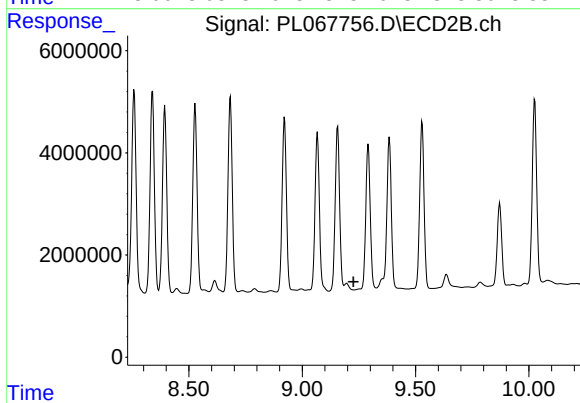
#26 Chlordane-4

R.T.: 8.339 min  
Delta R.T.: -0.002 min  
Response: 52063092  
Conc: 321.18 ng/ml



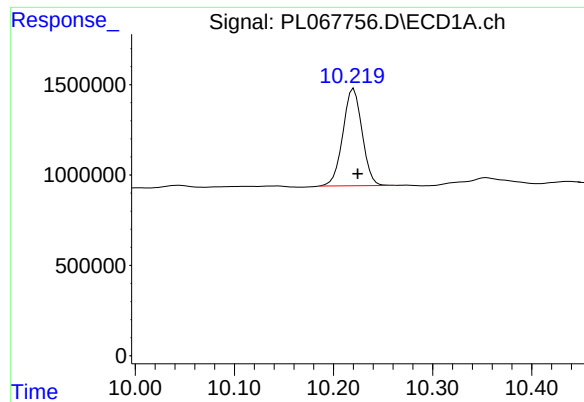
#27 Chlordane-5

R.T.: 8.186 min  
Delta R.T.: -0.005 min  
Response: 34241198  
Conc: 1565.02 ng/ml



#27 Chlordane-5

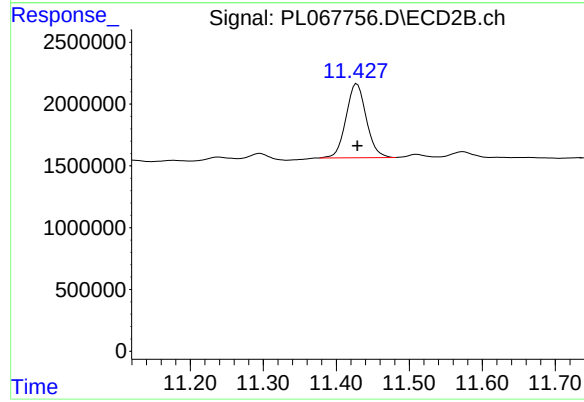
R.T.: 0.000 min  
Exp R.T.: 9.227 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.220 min  
Delta R.T.: -0.004 min  
Response: 7231675  
Conc: 10.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SH-1MSD



#28 Decachlorobiphenyl

R.T.: 11.428 min  
Delta R.T.: 0.000 min  
Response: 11519536  
Conc: 11.57 ng/ml