

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060721\  
 Data File : PL067172.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2021 01:29  
 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: Jun 08 03:28:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 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  | 17886764 | 31066364 | 43.679   | 48.024     |
| 28)                         | SA Decachlor... | 10.221 | 11.426 | 26533150 | 38587539 | 41.033   | 46.249     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.179  | 6.110  | 24143394 | 40271794 | 45.652   | 51.017     |
| 3)                          | MA gamma-BHC... | 5.598  | 6.505  | 24152211 | 39228187 | 43.363   | 51.779     |
| 4)                          | MA Heptachlor   | 6.009  | 7.153  | 25332501 | 38668062 | 48.223   | 54.824     |
| 5)                          | MB Aldrin       | 6.331  | 7.522  | 24635829 | 35569905 | 45.043   | 48.699     |
| 6)                          | B beta-BHC      | 5.981  | 6.760  | 12230084 | 19084858 | 45.916   | 50.609     |
| 7)                          | B delta-BHC     | 6.238  | 7.026  | 24683527 | 40926051 | 46.523   | 53.899     |
| 8)                          | B Heptachlo...  | 6.904  | 7.989  | 23934451 | 35828880 | 45.121   | 51.313     |
| 9)                          | A Endosulfan I  | 7.303  | 8.393  | 23055085 | 31789094 | 43.849   | 49.695     |
| 10)                         | B gamma-Chl...  | 7.183  | 8.258  | 24741384 | 34666154 | 43.181   | 48.814     |
| 11)                         | B alpha-Chl...  | 7.251  | 8.339  | 25119963 | 34985358 | 43.687   | 49.249     |
| 12)                         | B 4,4'-DDE      | 7.470  | 8.527  | 23438649 | 32167702 | 43.900   | 49.209     |
| 13)                         | MA Dieldrin     | 7.588  | 8.682  | 22821686 | 32445466 | 40.925   | 49.085     |
| 14)                         | MA Endrin       | 7.875  | 8.921  | 23306853 | 27792034 | 45.004   | 49.208     |
| 15)                         | B Endosulfa...  | 8.186  | 9.155  | 21516891 | 28848846 | 41.531   | 46.767     |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.066  | 20929927 | 27038576 | 46.193   | 50.034     |
| 17)                         | MA 4,4'-DDT     | 8.310  | 9.383  | 21248609 | 27958427 | 46.094   | 53.615     |
| 18)                         | B Endrin al...  | 8.373  | 9.290  | 17752764 | 23793058 | 38.565   | 43.728     |
| 19)                         | B Endosulfa...  | 8.604  | 9.527  | 22378400 | 29034897 | 40.509   | 46.664     |
| 20)                         | A Methoxychlor  | 8.904  | 9.870  | 13575344 | 16402175 | 45.538   | 51.640     |
| 21)                         | B Endrin ke...  | 9.114  | 10.024 | 27303565 | 34539998 | 42.663   | 47.637     |
| 22)                         | Mirex           | 9.301  | 10.490 | 23113193 | 28227625 | 39.955   | 43.857     |
| 24)                         | Chlordane-2     | 6.487  | 7.522f | 1845458  | 35569905 | 84.451   | 1207.923 # |
| 25)                         | Chlordane-3     | 7.183  | 8.258  | 24741384 | 34666154 | 424.697  | 331.156    |
| 26)                         | Chlordane-4     | 7.251  | 8.339  | 25119963 | 34985358 | 393.536  | 274.470 #  |
| 27)                         | Chlordane-5     | 8.186  | 0.000  | 21516891 | 0        | 1140.342 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

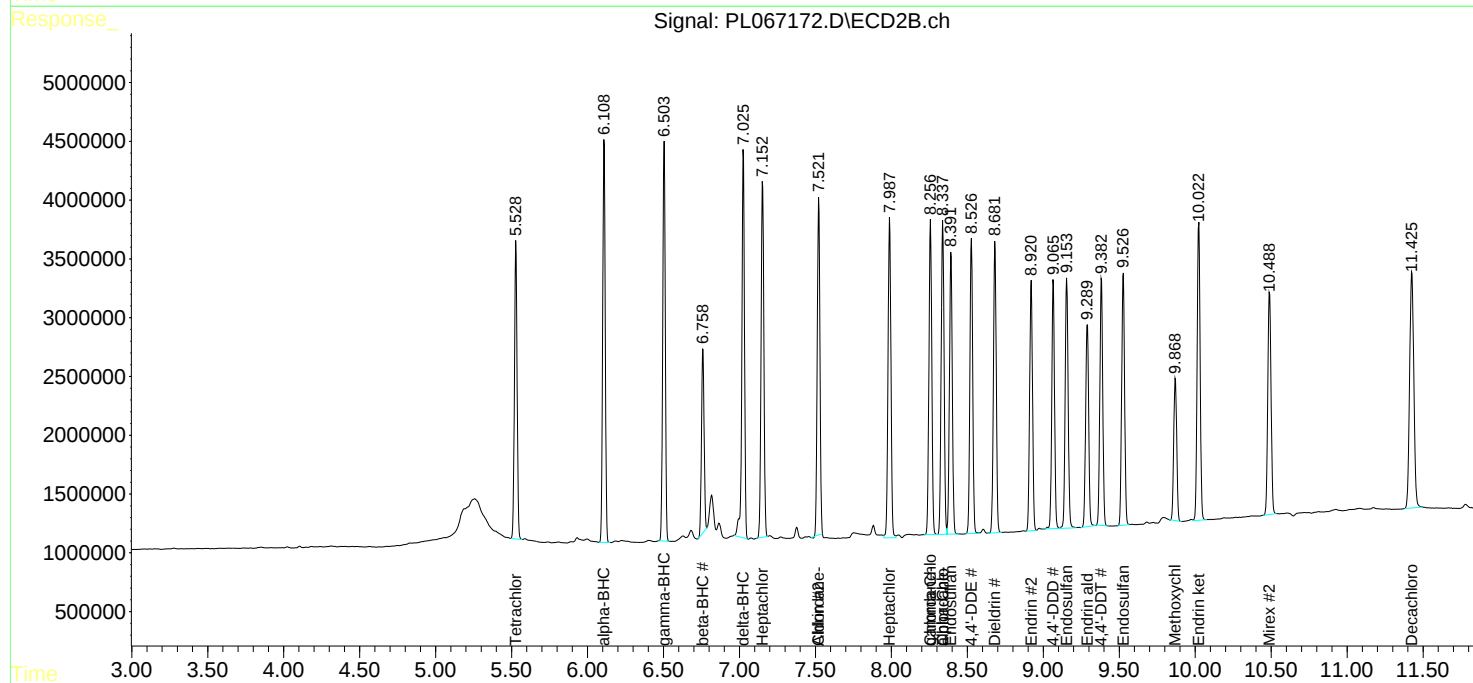
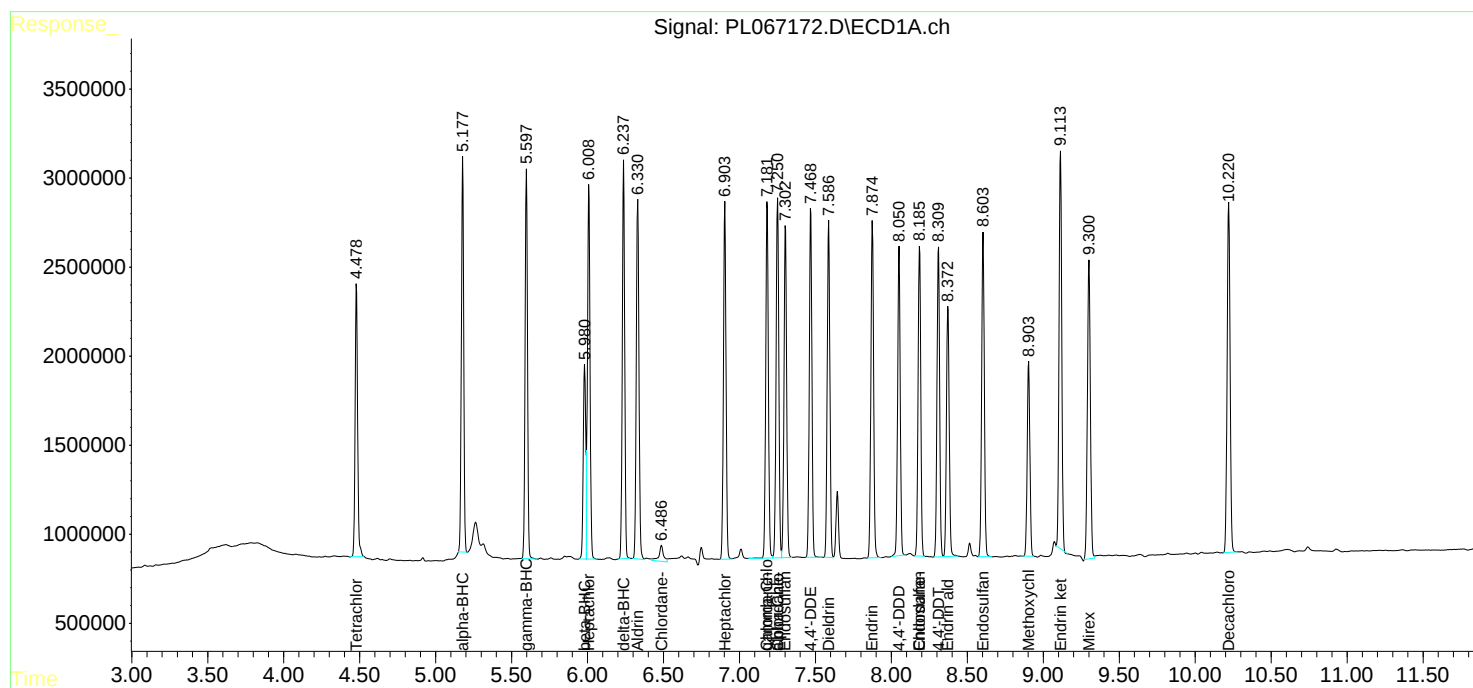
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

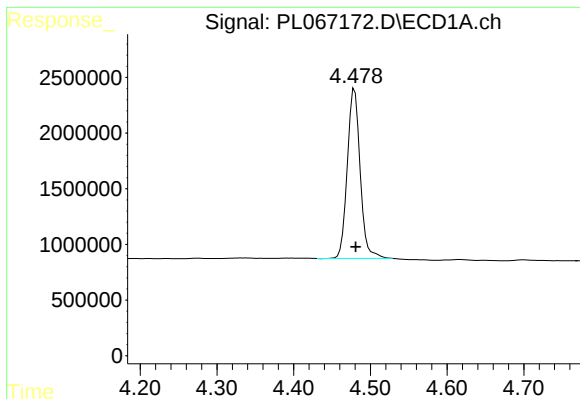
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060721\  
 Data File : PL067172.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2021 01:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
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 ClientSampleId :  
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Integration File signal 1: autoint1.e  
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 Quant Time: Jun 08 03:28:21 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

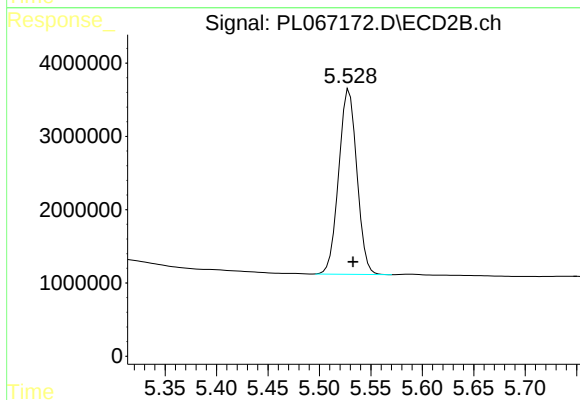




#1 Tetrachloro-m-xylene

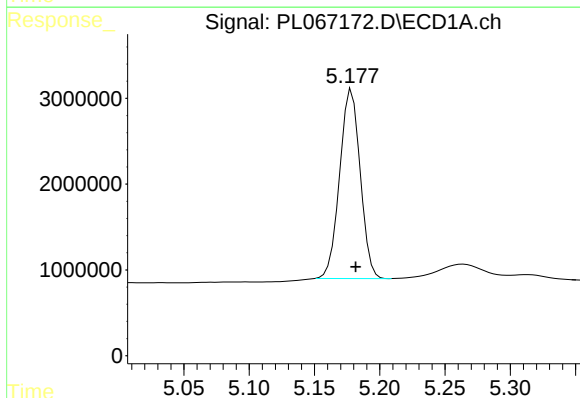
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 17886764  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



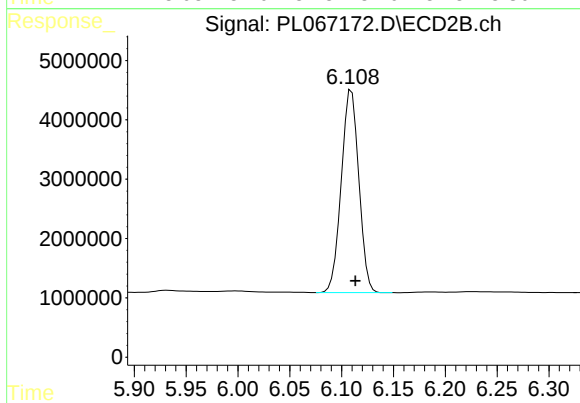
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.004 min  
Response: 31066364  
Conc: 48.02 ng/ml



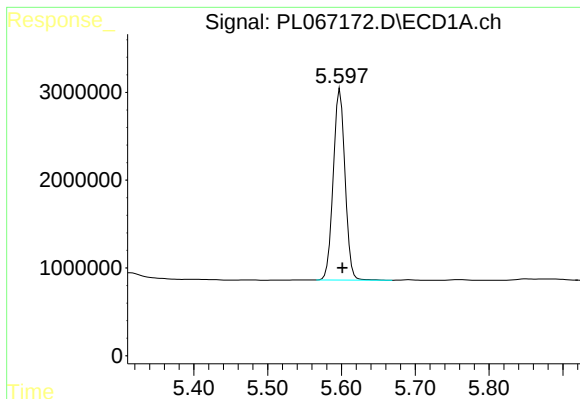
#2 alpha-BHC

R.T.: 5.179 min  
Delta R.T.: -0.003 min  
Response: 24143394  
Conc: 45.65 ng/ml



#2 alpha-BHC

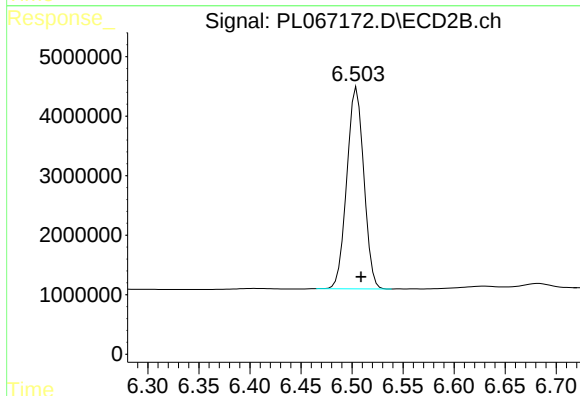
R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 40271794  
Conc: 51.02 ng/ml



#3 gamma-BHC (Lindane)

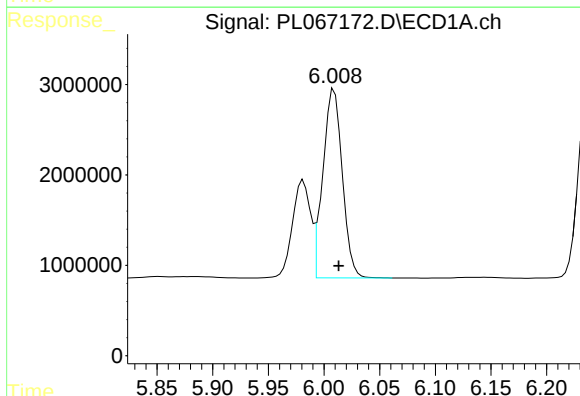
R.T.: 5.598 min  
Delta R.T.: -0.003 min  
Response: 24152211  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



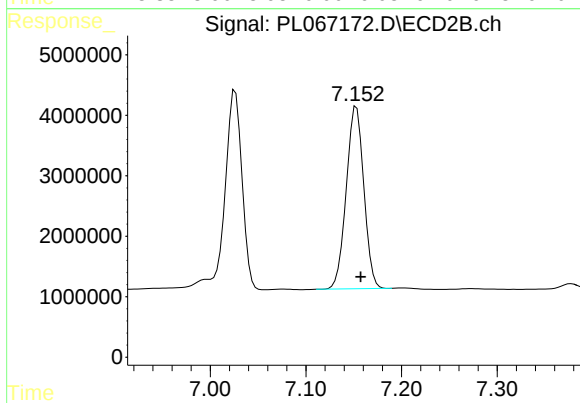
#3 gamma-BHC (Lindane)

R.T.: 6.505 min  
Delta R.T.: -0.004 min  
Response: 39228187  
Conc: 51.78 ng/ml



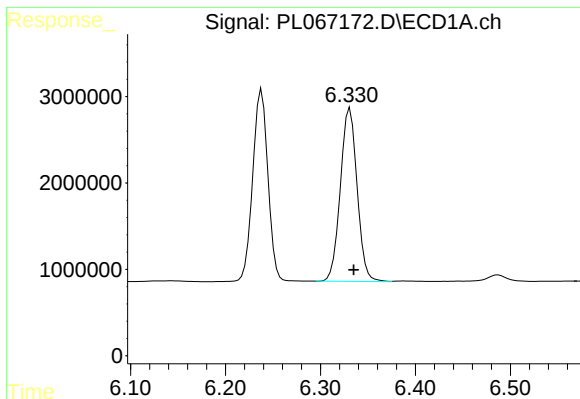
#4 Heptachlor

R.T.: 6.009 min  
Delta R.T.: -0.004 min  
Response: 25332501  
Conc: 48.22 ng/ml



#4 Heptachlor

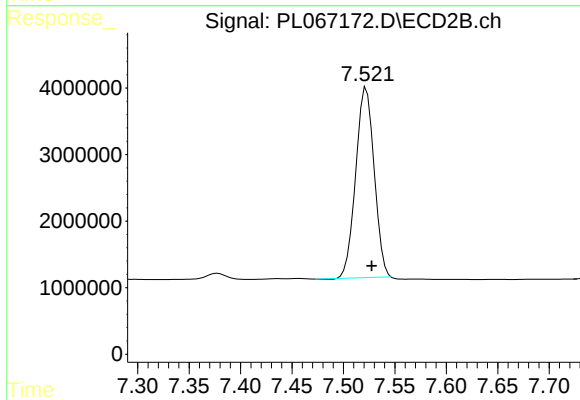
R.T.: 7.153 min  
Delta R.T.: -0.004 min  
Response: 38668062  
Conc: 54.82 ng/ml



#5 Aldrin

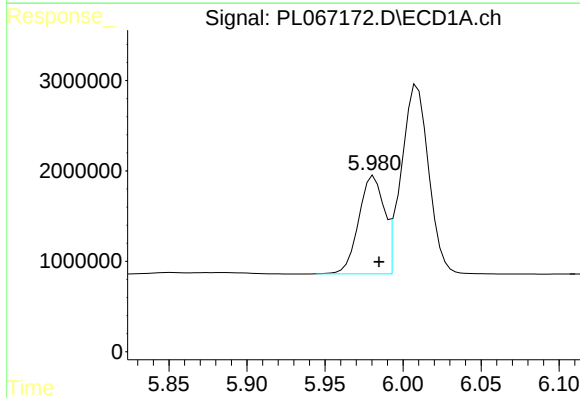
R.T.: 6.331 min  
Delta R.T.: -0.004 min  
Response: 24635829  
Conc: 45.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



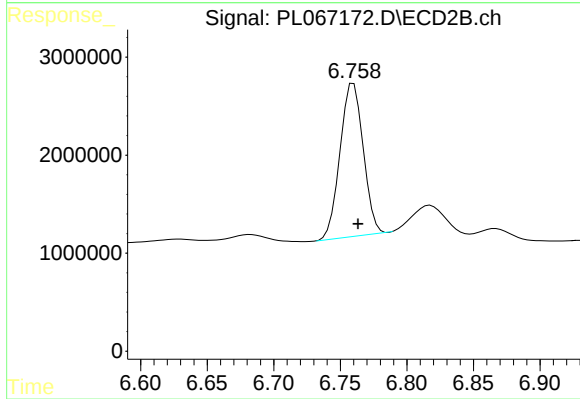
#5 Aldrin

R.T.: 7.522 min  
Delta R.T.: -0.005 min  
Response: 35569905  
Conc: 48.70 ng/ml



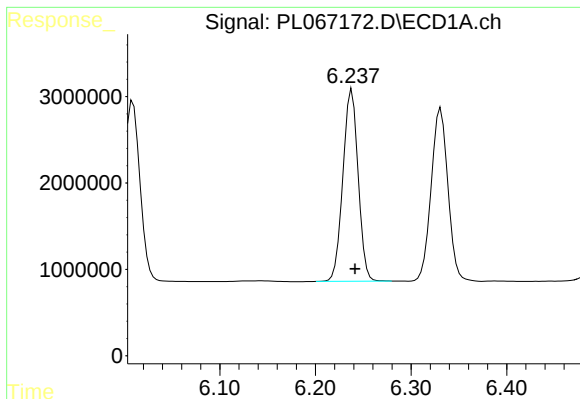
#6 beta-BHC

R.T.: 5.981 min  
Delta R.T.: -0.003 min  
Response: 12230084  
Conc: 45.92 ng/ml



#6 beta-BHC

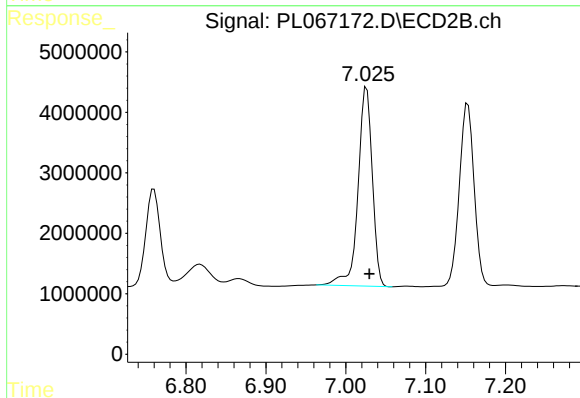
R.T.: 6.760 min  
Delta R.T.: -0.004 min  
Response: 19084858  
Conc: 50.61 ng/ml



#7 delta-BHC

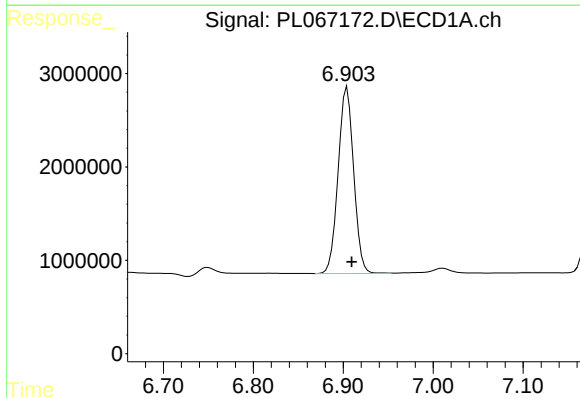
R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 24683527  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



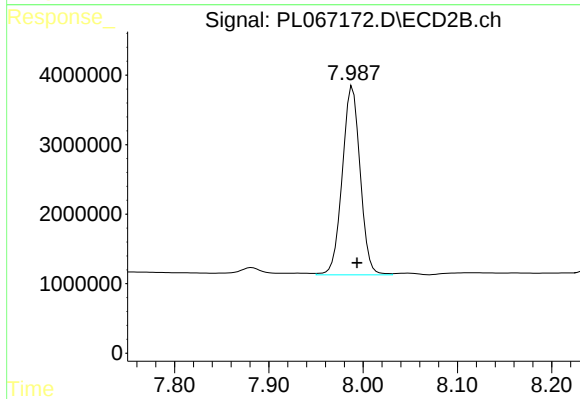
#7 delta-BHC

R.T.: 7.026 min  
Delta R.T.: -0.003 min  
Response: 40926051  
Conc: 53.90 ng/ml



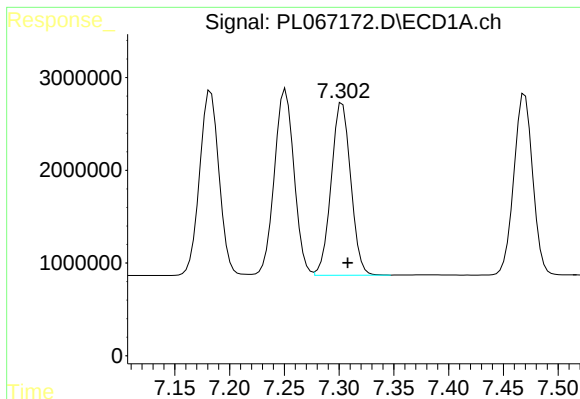
#8 Heptachlor epoxide

R.T.: 6.904 min  
Delta R.T.: -0.005 min  
Response: 23934451  
Conc: 45.12 ng/ml



#8 Heptachlor epoxide

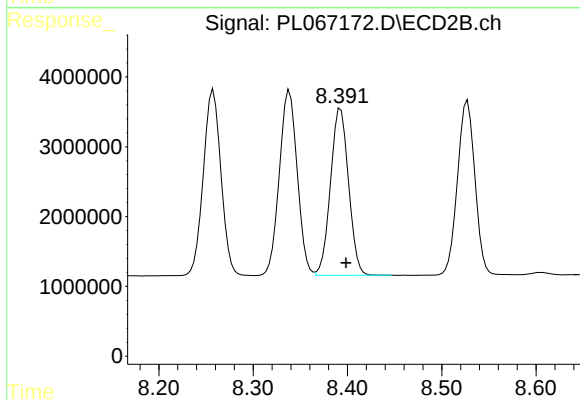
R.T.: 7.989 min  
Delta R.T.: -0.005 min  
Response: 35828880  
Conc: 51.31 ng/ml



#9 Endosulfan I

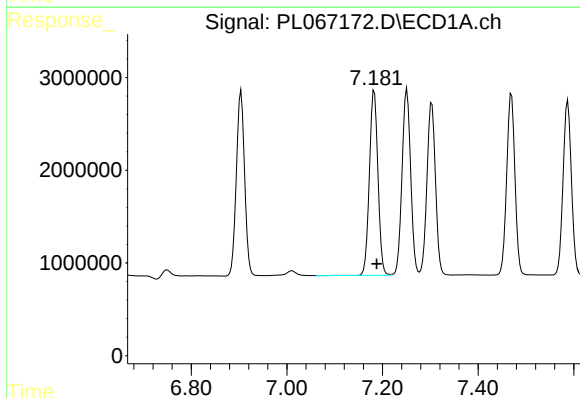
R.T.: 7.303 min  
Delta R.T.: -0.005 min  
Response: 23055085  
Conc: 43.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



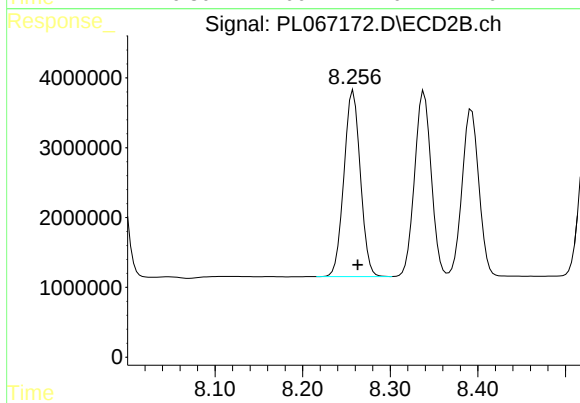
#9 Endosulfan I

R.T.: 8.393 min  
Delta R.T.: -0.006 min  
Response: 31789094  
Conc: 49.69 ng/ml



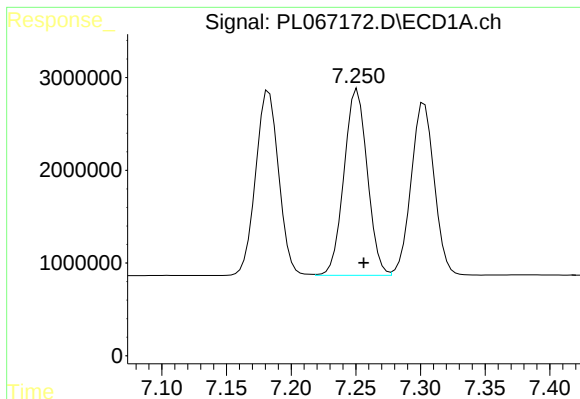
#10 gamma-Chlordane

R.T.: 7.183 min  
Delta R.T.: -0.005 min  
Response: 24741384  
Conc: 43.18 ng/ml



#10 gamma-Chlordane

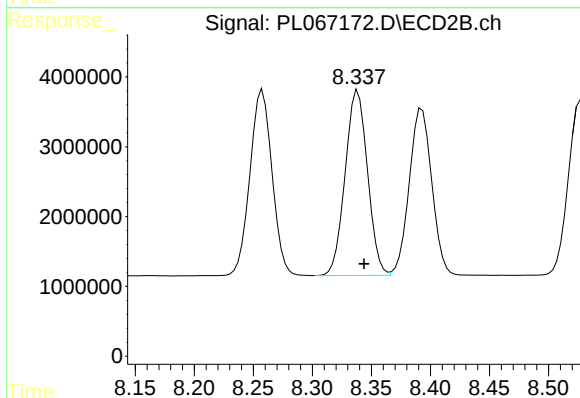
R.T.: 8.258 min  
Delta R.T.: -0.005 min  
Response: 34666154  
Conc: 48.81 ng/ml



#11 alpha-Chlordane

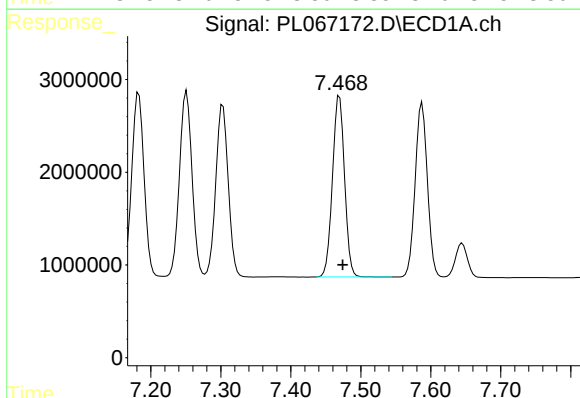
R.T.: 7.251 min  
Delta R.T.: -0.005 min  
Response: 25119963  
Conc: 43.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



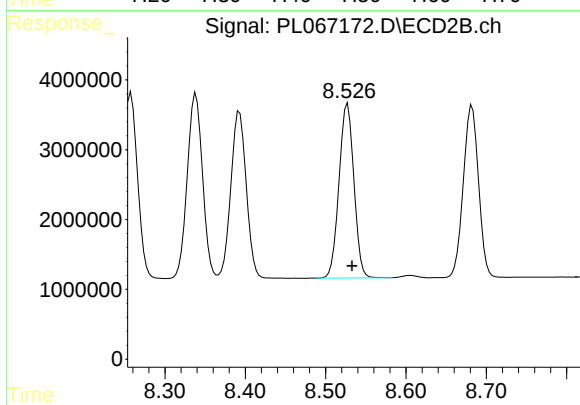
#11 alpha-Chlordane

R.T.: 8.339 min  
Delta R.T.: -0.005 min  
Response: 34985358  
Conc: 49.25 ng/ml



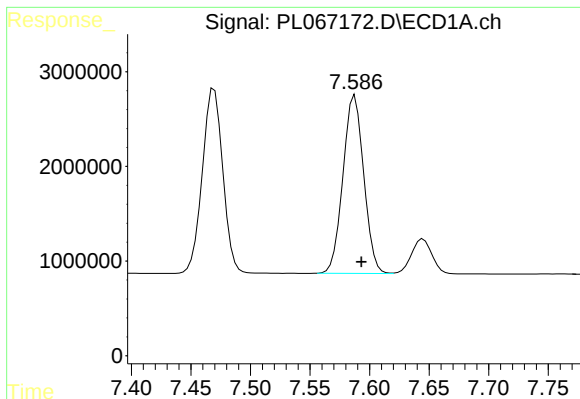
#12 4,4'-DDE

R.T.: 7.470 min  
Delta R.T.: -0.005 min  
Response: 23438649  
Conc: 43.90 ng/ml



#12 4,4'-DDE

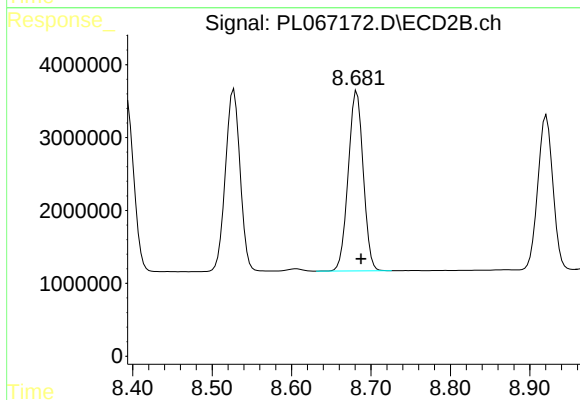
R.T.: 8.527 min  
Delta R.T.: -0.005 min  
Response: 32167702  
Conc: 49.21 ng/ml



#13 Dieldrin

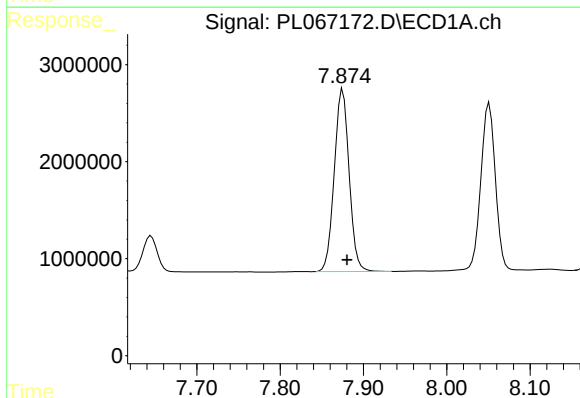
R.T.: 7.588 min  
Delta R.T.: -0.005 min  
Response: 22821686  
Conc: 40.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



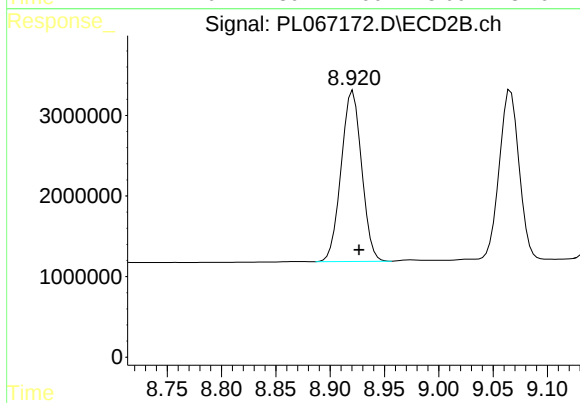
#13 Dieldrin

R.T.: 8.682 min  
Delta R.T.: -0.005 min  
Response: 32445466  
Conc: 49.09 ng/ml



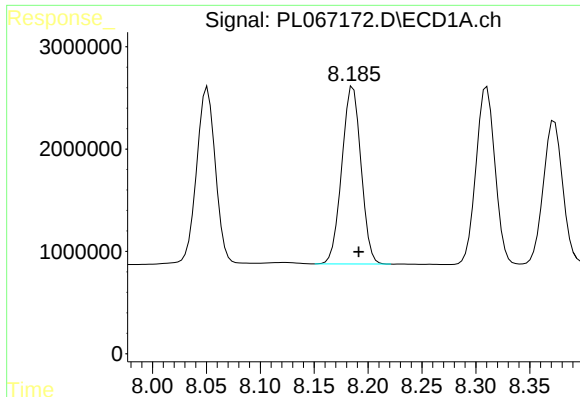
#14 Endrin

R.T.: 7.875 min  
Delta R.T.: -0.005 min  
Response: 23306853  
Conc: 45.00 ng/ml



#14 Endrin

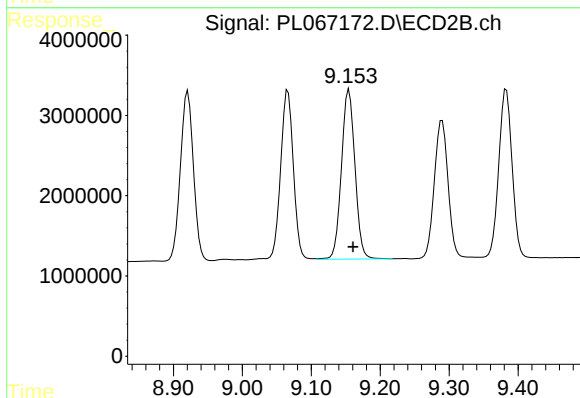
R.T.: 8.921 min  
Delta R.T.: -0.006 min  
Response: 27792034  
Conc: 49.21 ng/ml



#15 Endosulfan II

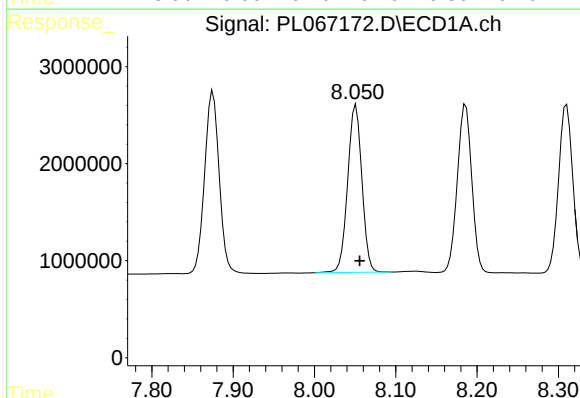
R.T.: 8.186 min  
Delta R.T.: -0.005 min  
Response: 21516891  
Conc: 41.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



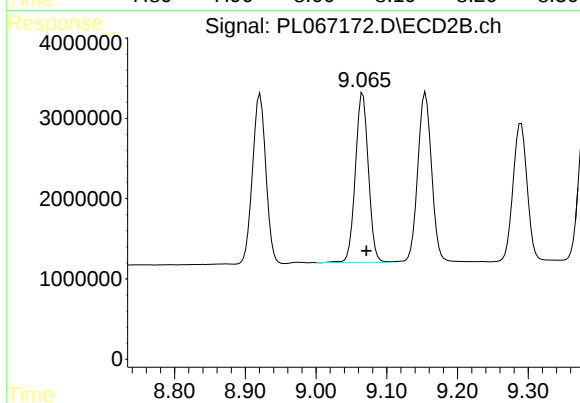
#15 Endosulfan II

R.T.: 9.155 min  
Delta R.T.: -0.006 min  
Response: 28848846  
Conc: 46.77 ng/ml



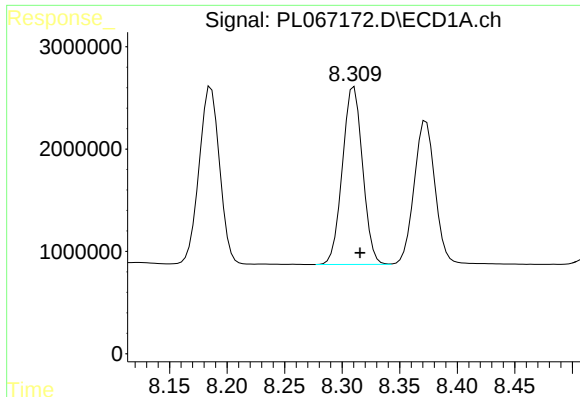
#16 4,4'-DDD

R.T.: 8.051 min  
Delta R.T.: -0.005 min  
Response: 20929927  
Conc: 46.19 ng/ml



#16 4,4'-DDD

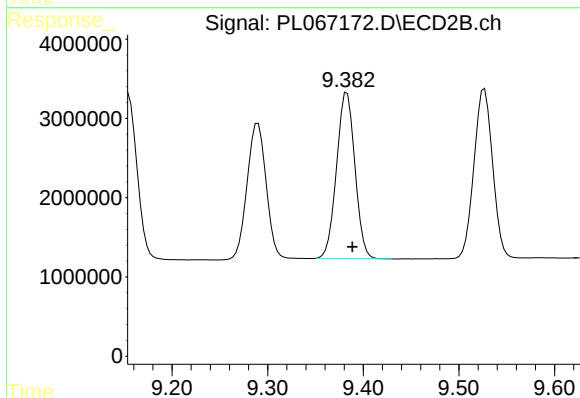
R.T.: 9.066 min  
Delta R.T.: -0.005 min  
Response: 27038576  
Conc: 50.03 ng/ml



#17 4,4'-DDT

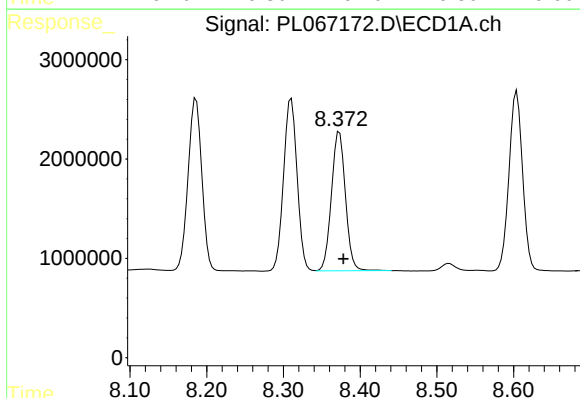
R.T.: 8.310 min  
Delta R.T.: -0.005 min  
Response: 21248609  
Conc: 46.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



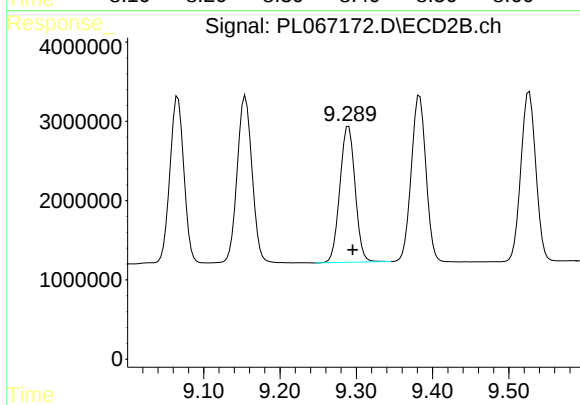
#17 4,4'-DDT

R.T.: 9.383 min  
Delta R.T.: -0.006 min  
Response: 27958427  
Conc: 53.62 ng/ml



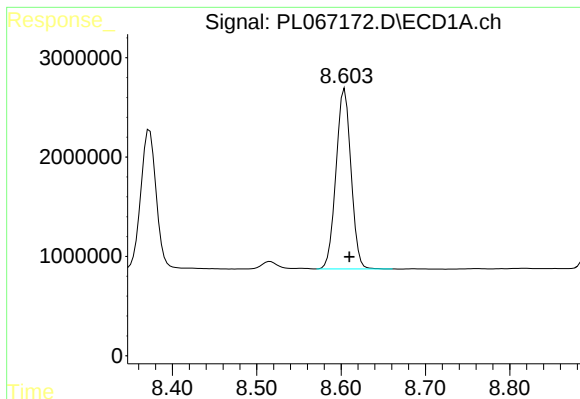
#18 Endrin aldehyde

R.T.: 8.373 min  
Delta R.T.: -0.005 min  
Response: 17752764  
Conc: 38.56 ng/ml



#18 Endrin aldehyde

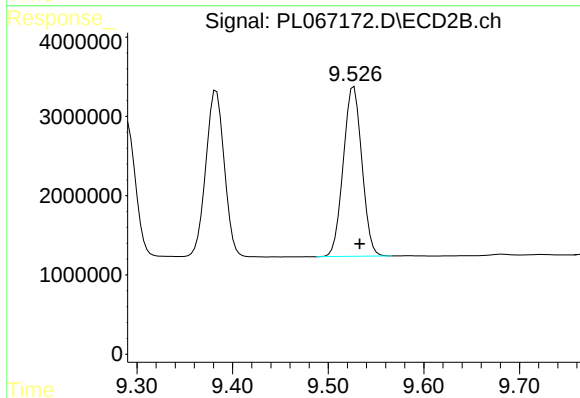
R.T.: 9.290 min  
Delta R.T.: -0.006 min  
Response: 23793058  
Conc: 43.73 ng/ml



#19 Endosulfan Sulfate

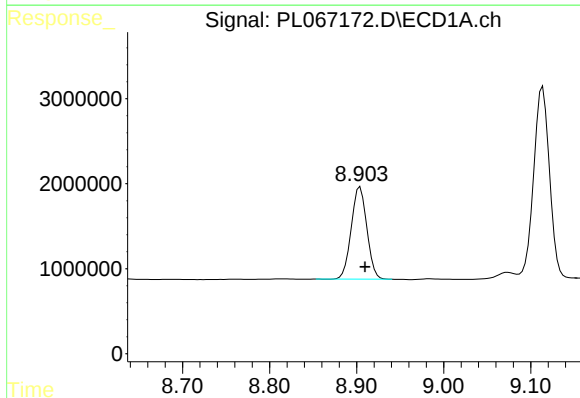
R.T.: 8.604 min  
Delta R.T.: -0.005 min  
Response: 22378400  
Conc: 40.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



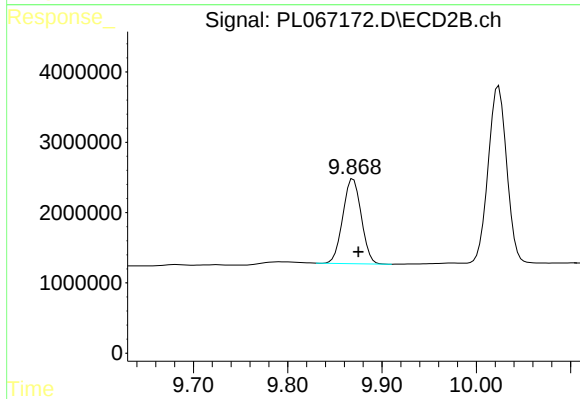
#19 Endosulfan Sulfate

R.T.: 9.527 min  
Delta R.T.: -0.006 min  
Response: 29034897  
Conc: 46.66 ng/ml



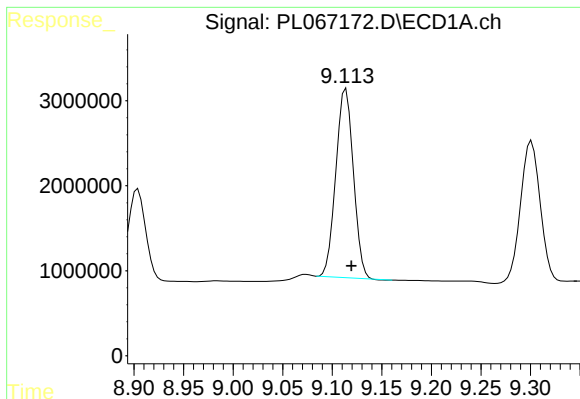
#20 Methoxychlor

R.T.: 8.904 min  
Delta R.T.: -0.006 min  
Response: 13575344  
Conc: 45.54 ng/ml



#20 Methoxychlor

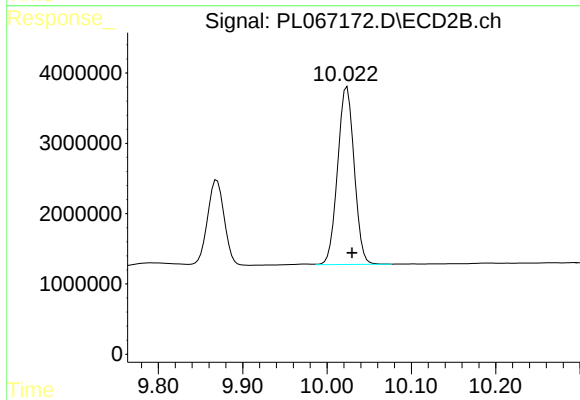
R.T.: 9.870 min  
Delta R.T.: -0.006 min  
Response: 16402175  
Conc: 51.64 ng/ml



#21 Endrin ketone

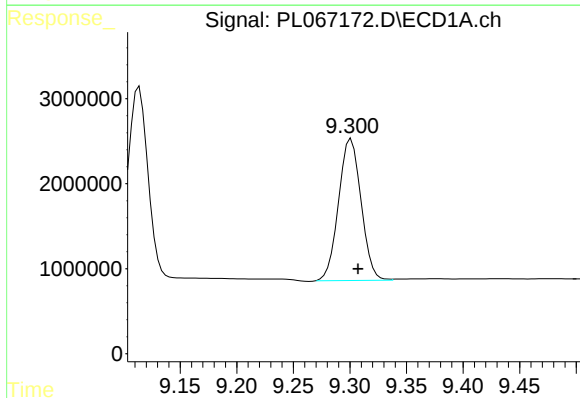
R.T.: 9.114 min  
Delta R.T.: -0.005 min  
Response: 27303565  
Conc: 42.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



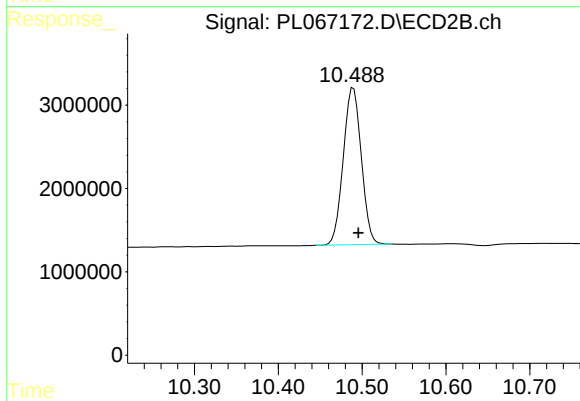
#21 Endrin ketone

R.T.: 10.024 min  
Delta R.T.: -0.006 min  
Response: 34539998  
Conc: 47.64 ng/ml



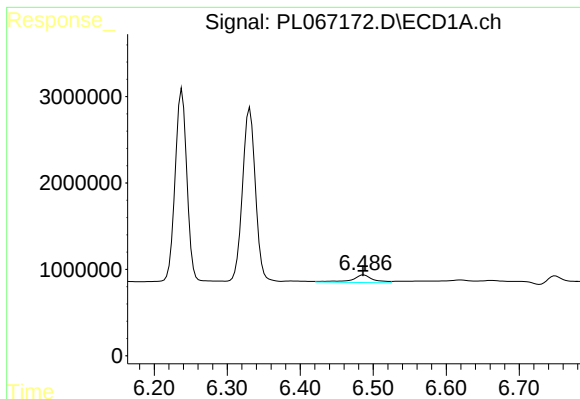
#22 Mirex

R.T.: 9.301 min  
Delta R.T.: -0.006 min  
Response: 23113193  
Conc: 39.95 ng/ml



#22 Mirex

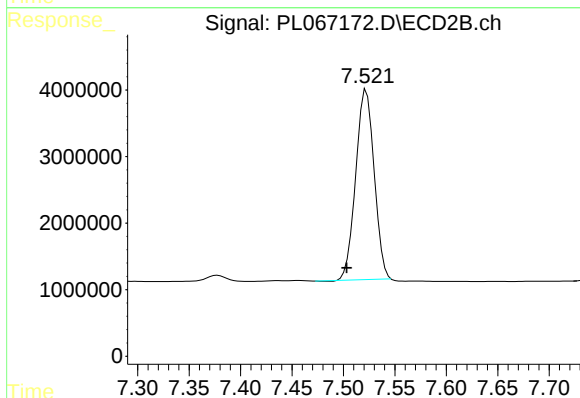
R.T.: 10.490 min  
Delta R.T.: -0.006 min  
Response: 28227625  
Conc: 43.86 ng/ml



#24 Chlordane-2

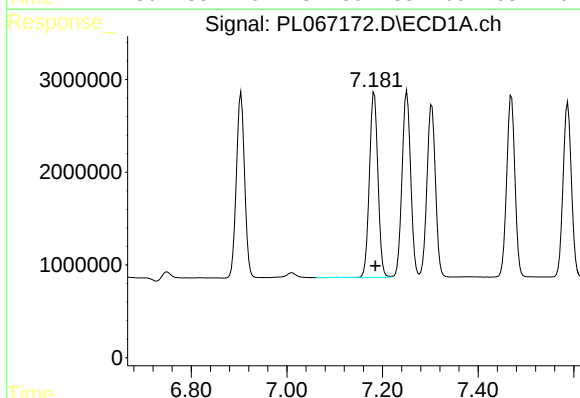
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 1845458  
Conc: 84.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



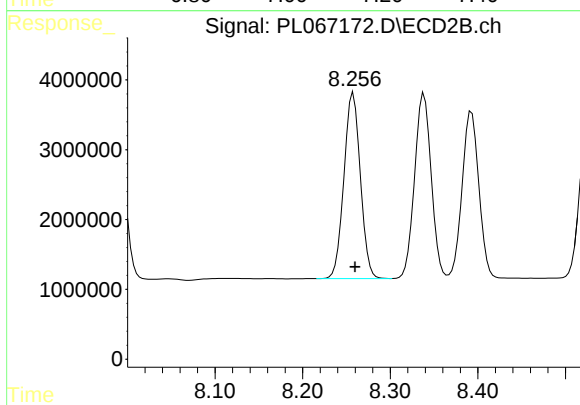
#24 Chlordane-2

R.T.: 7.522 min  
Delta R.T.: 0.019 min  
Response: 35569905  
Conc: 1207.92 ng/ml



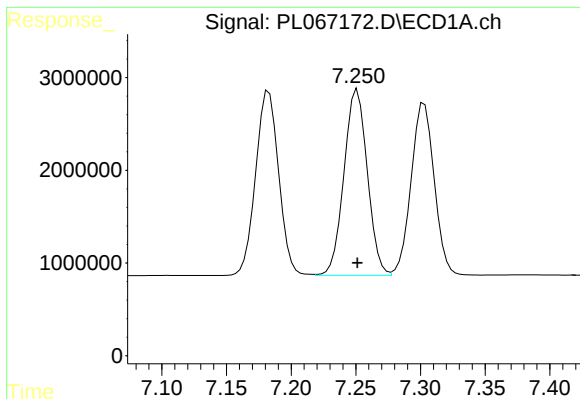
#25 Chlordane-3

R.T.: 7.183 min  
Delta R.T.: -0.002 min  
Response: 24741384  
Conc: 424.70 ng/ml



#25 Chlordane-3

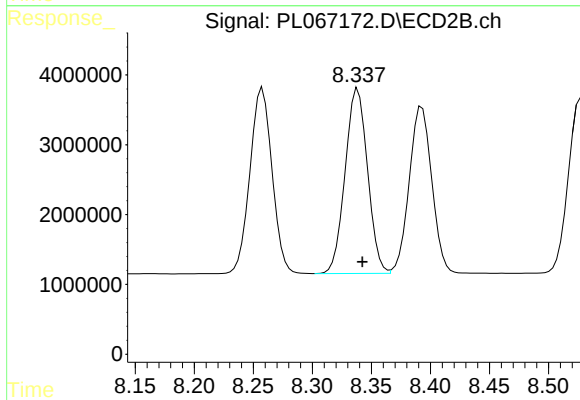
R.T.: 8.258 min  
Delta R.T.: -0.002 min  
Response: 34666154  
Conc: 331.16 ng/ml



#26 Chlordane-4

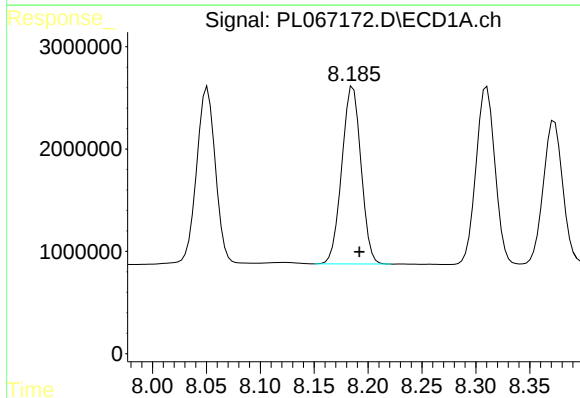
R.T.: 7.251 min  
Delta R.T.: 0.000 min  
Response: 25119963  
Conc: 393.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



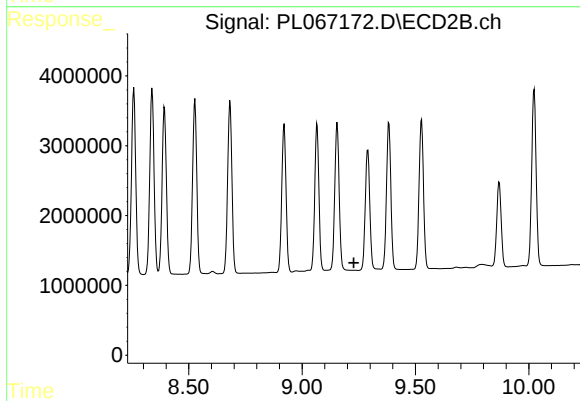
#26 Chlordane-4

R.T.: 8.339 min  
Delta R.T.: -0.004 min  
Response: 34985358  
Conc: 274.47 ng/ml



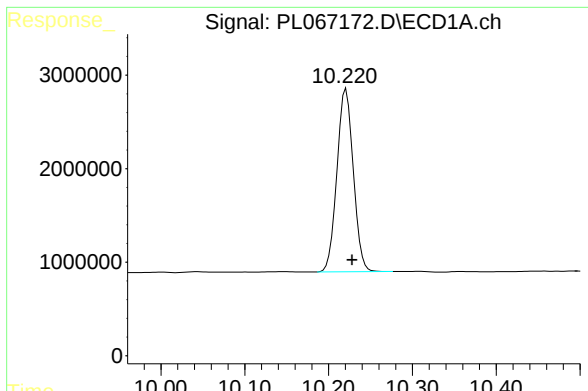
#27 Chlordane-5

R.T.: 8.186 min  
Delta R.T.: -0.006 min  
Response: 21516891  
Conc: 1140.34 ng/ml



#27 Chlordane-5

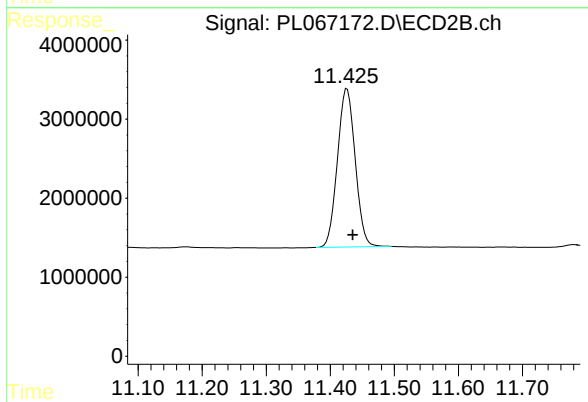
R.T.: 0.000 min  
Exp R.T.: 9.229 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.221 min  
Delta R.T.: -0.007 min  
Response: 26533150  
Conc: 41.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.426 min  
Delta R.T.: -0.009 min  
Response: 38587539  
Conc: 46.25 ng/ml