

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120721\  
 Data File : PL071317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Dec 2021 16:18  
 Operator : AR\AJ  
 Sample : M4945-01MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 08 01:56:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL113021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 16:26:31 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... | 4.563  | 5.500  | 10458944 | 30227252 | 22.267   | 24.087     |
| 28)                         | SA Decachlor... | 10.325 | 11.388 | 14706465 | 25887587 | 20.310   | 18.624     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.270  | 6.079  | 30277349 | 83894871 | 46.315   | 45.315     |
| 3)                          | MA gamma-BHC... | 5.692  | 6.475  | 30879883 | 79935511 | 48.355   | 45.413     |
| 4)                          | MA Heptachlor   | 6.099  | 7.122  | 32801745 | 84613485 | 47.314   | 46.132     |
| 5)                          | MB Aldrin       | 6.423  | 7.491  | 32459609 | 81332848 | 52.312   | 48.222     |
| 6)                          | B beta-BHC      | 6.075  | 6.732  | 12478410 | 37527025 | 41.219   | 42.640     |
| 7)                          | B delta-BHC     | 6.334  | 6.998  | 14606531 | 30718100 | 22.884   | 18.066     |
| 8)                          | B Heptachlo...  | 7.000  | 7.958  | 31033969 | 73807774 | 49.792   | 46.459     |
| 9)                          | A Endosulfan I  | 7.402  | 8.363  | 29089341 | 67524641 | 48.914   | 44.687     |
| 10)                         | B gamma-Chl...  | 7.277  | 8.228  | 32174102 | 74184320 | 50.672   | 46.397     |
| 11)                         | B alpha-Chl...  | 7.347  | 8.308  | 32006442 | 73317433 | 50.009   | 46.134     |
| 12)                         | B 4,4'-DDE      | 7.561  | 8.498  | 28715840 | 71391405 | 50.748   | 46.372     |
| 13)                         | MA Dieldrin     | 7.688  | 8.652  | 30930374 | 73237354 | 51.148   | 47.142     |
| 14)                         | MA Endrin       | 7.979  | 8.890  | 28898828 | 61535561 | 51.098   | 45.859     |
| 15)                         | B Endosulfa...  | 8.290  | 9.126  | 28933484 | 65718088 | 49.553   | 48.776     |
| 16)                         | A 4,4'-DDD      | 8.147  | 9.037  | 23631797 | 56237268 | 47.162   | 48.475     |
| 17)                         | MA 4,4'-DDT     | 8.407  | 9.354  | 25301103 | 58142993 | 46.253   | 41.801     |
| 18)                         | B Endrin al...  | 8.479  | 9.261  | 23968384 | 52627458 | 52.329   | 50.939     |
| 19)                         | B Endosulfa...  | 8.710  | 9.497  | 26043343 | 52372332 | 42.845   | 40.073     |
| 20)                         | A Methoxychlor  | 9.003  | 9.841  | 15958266 | 30112031 | 44.169   | 41.530     |
| 21)                         | B Endrin ke...  | 9.228  | 9.994  | 33908735 | 64279043 | 47.581   | 43.895     |
| 22)                         | Mirex           | 9.411  | 10.459 | 31316191 | 51021277 | 50.711   | 46.778     |
| 24)                         | Chlordane-2     | 0.000  | 7.491f | 0        | 81332848 | N.D.     | 1420.200 # |
| 25)                         | Chlordane-3     | 7.277  | 8.228  | 32174102 | 74184320 | 518.774  | 337.370 #  |
| 26)                         | Chlordane-4     | 7.347  | 8.308  | 32006442 | 73317433 | 482.563  | 276.317 #  |
| 27)                         | Chlordane-5     | 8.290  | 0.000  | 28933484 | 0        | 1212.132 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

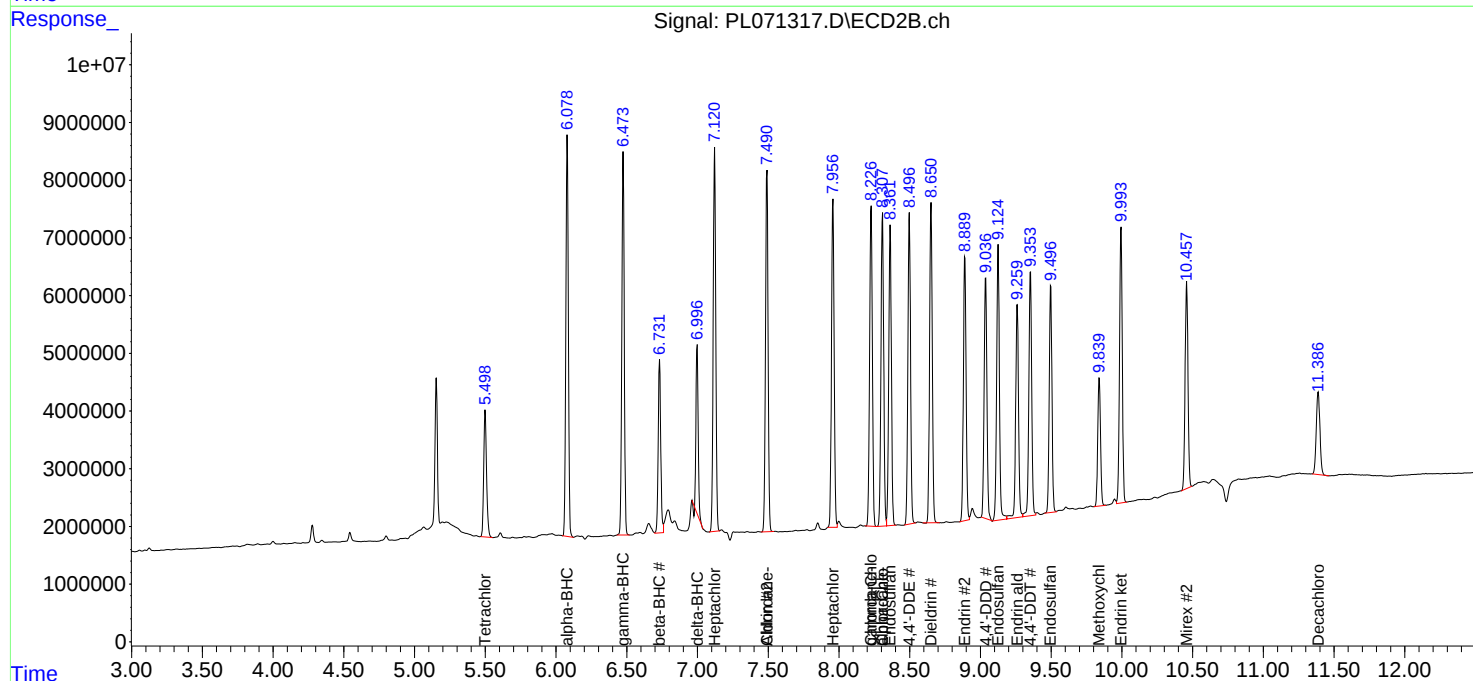
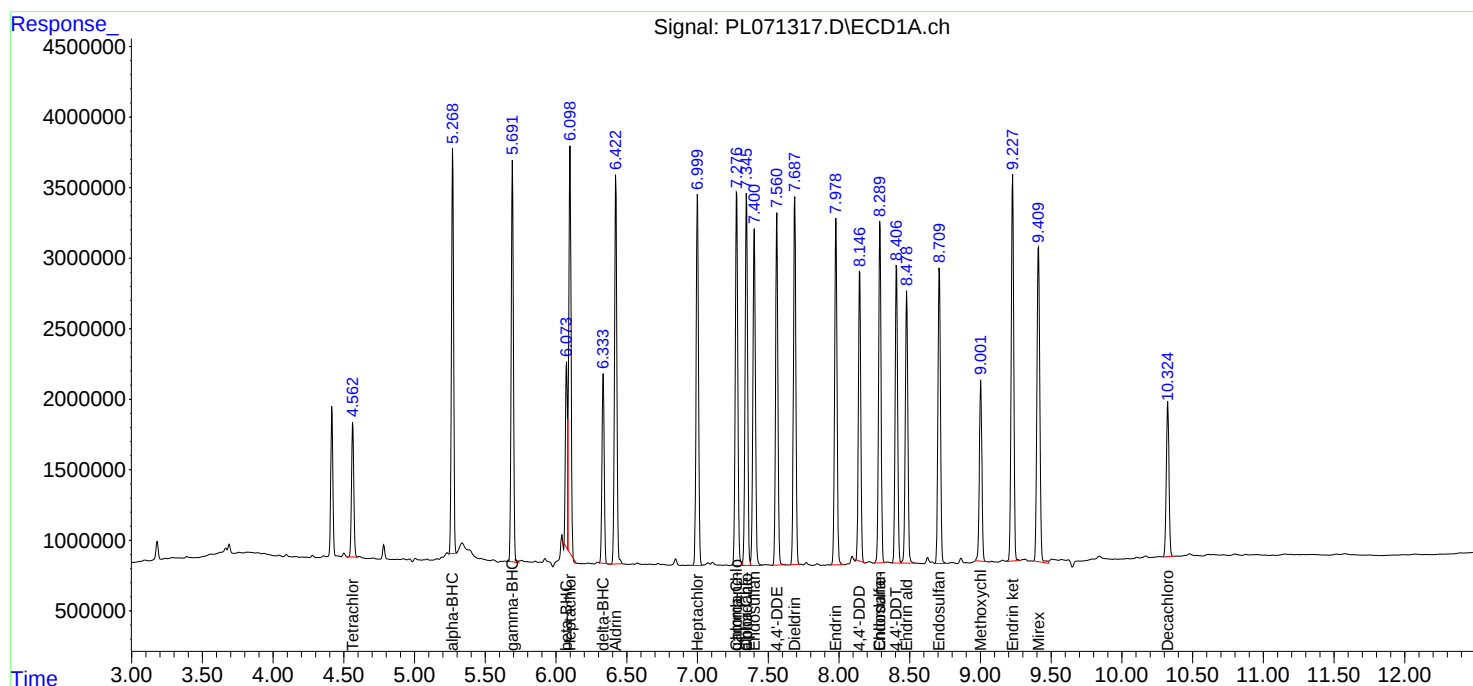
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

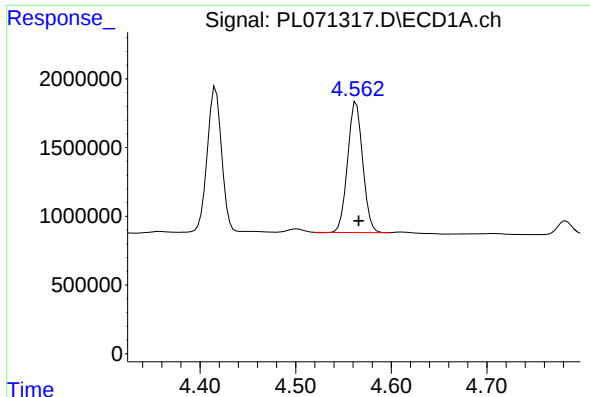
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120721\  
Data File : PL071317.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Dec 2021 16:18  
Operator : AR\AJ  
Sample : M4945-01MSD  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 08 01:56:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL113021.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 30 16:26:31 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

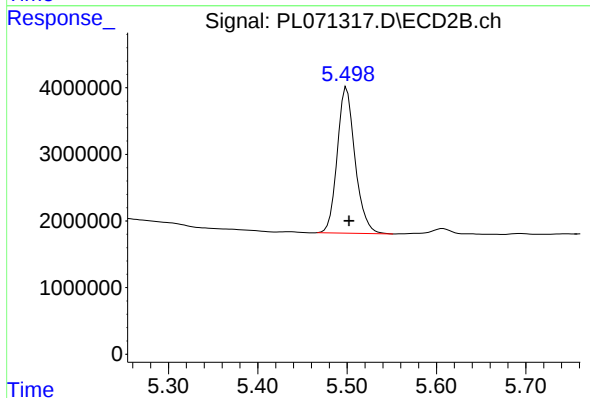




#1 Tetrachloro-m-xylene

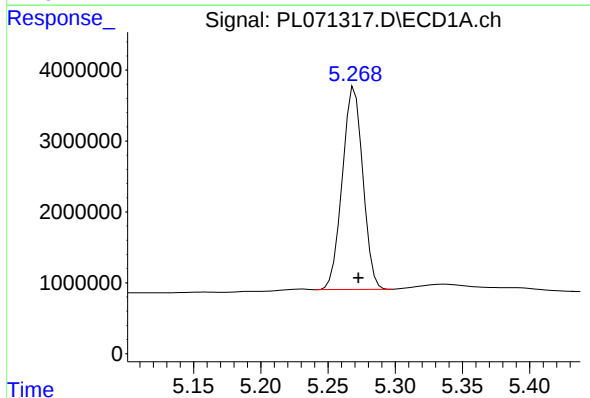
R.T.: 4.563 min  
Delta R.T.: -0.003 min  
Response: 10458944  
Conc: 22.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



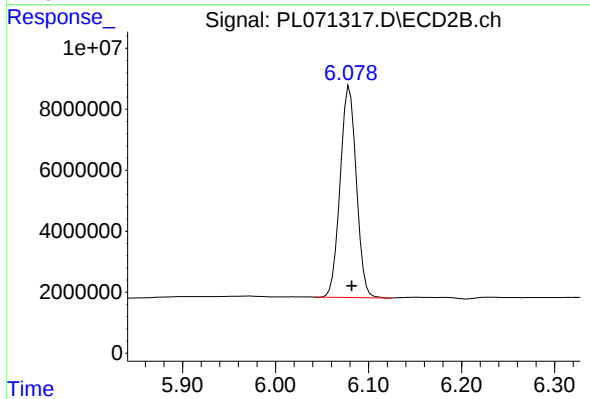
#1 Tetrachloro-m-xylene

R.T.: 5.500 min  
Delta R.T.: -0.003 min  
Response: 30227252  
Conc: 24.09 ng/ml



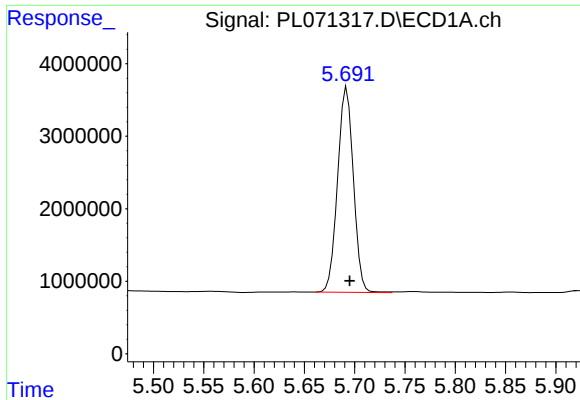
#2 alpha-BHC

R.T.: 5.270 min  
Delta R.T.: -0.003 min  
Response: 30277349  
Conc: 46.31 ng/ml



#2 alpha-BHC

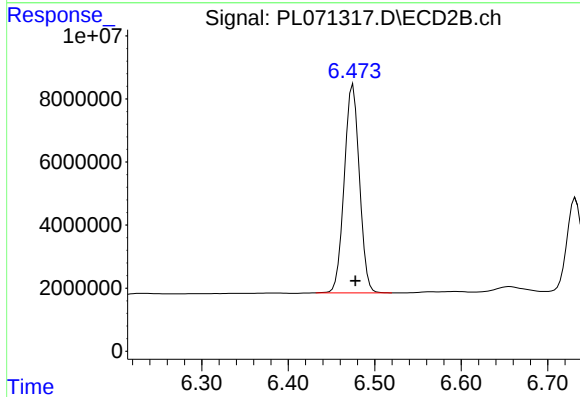
R.T.: 6.079 min  
Delta R.T.: -0.003 min  
Response: 83894871  
Conc: 45.31 ng/ml



#3 gamma-BHC (Lindane)

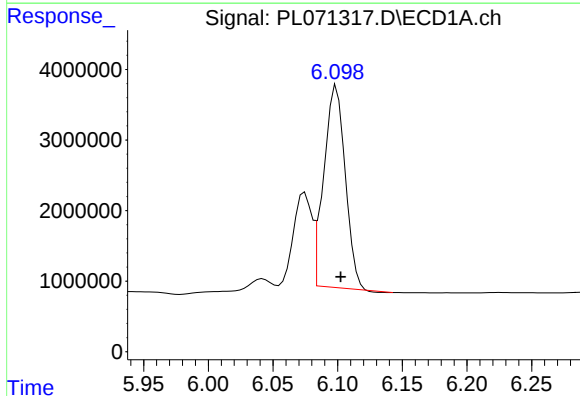
R.T.: 5.692 min  
Delta R.T.: -0.003 min  
Response: 30879883  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



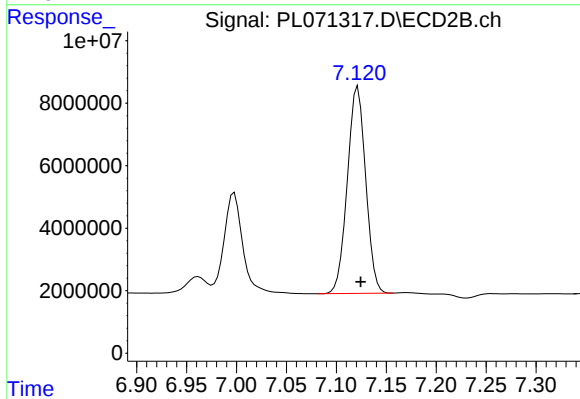
#3 gamma-BHC (Lindane)

R.T.: 6.475 min  
Delta R.T.: -0.003 min  
Response: 79935511  
Conc: 45.41 ng/ml



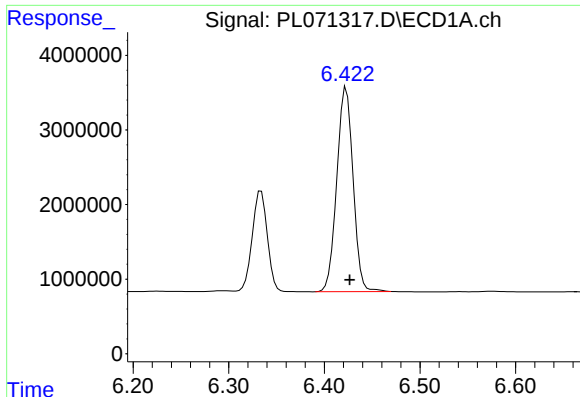
#4 Heptachlor

R.T.: 6.099 min  
Delta R.T.: -0.003 min  
Response: 32801745  
Conc: 47.31 ng/ml



#4 Heptachlor

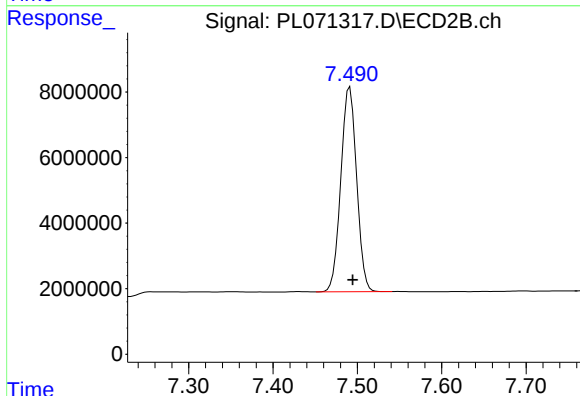
R.T.: 7.122 min  
Delta R.T.: -0.003 min  
Response: 84613485  
Conc: 46.13 ng/ml



#5 Aldrin

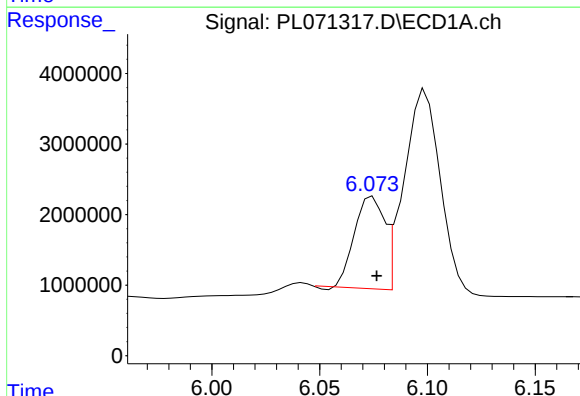
R.T.: 6.423 min  
Delta R.T.: -0.004 min  
Response: 32459609  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



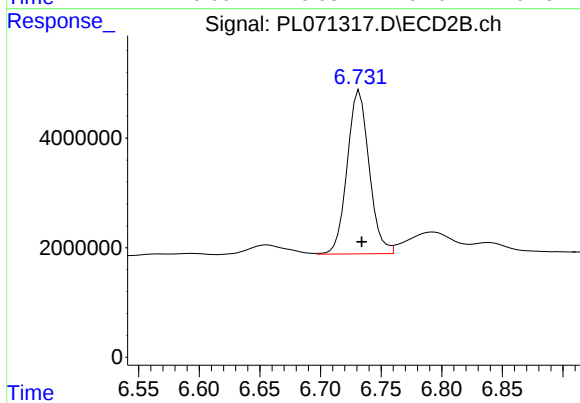
#5 Aldrin

R.T.: 7.491 min  
Delta R.T.: -0.003 min  
Response: 81332848  
Conc: 48.22 ng/ml



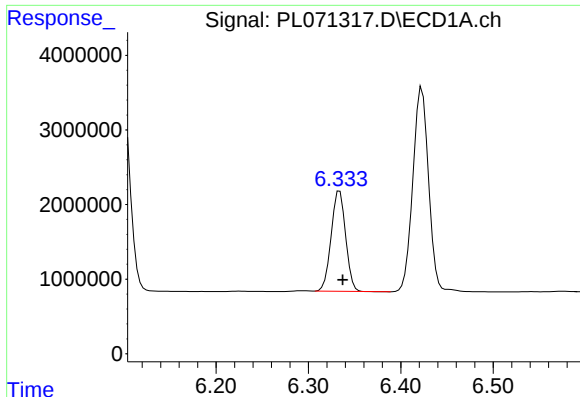
#6 beta-BHC

R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 12478410  
Conc: 41.22 ng/ml



#6 beta-BHC

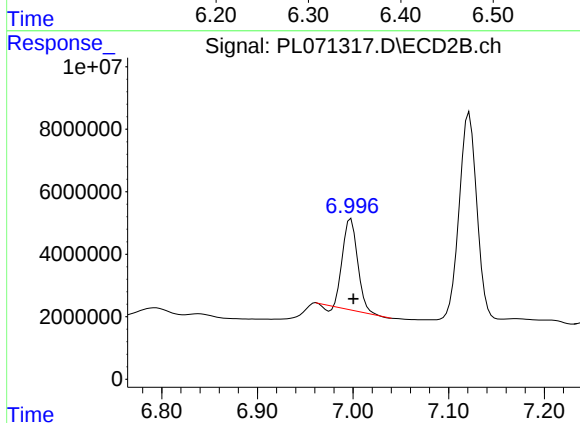
R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 37527025  
Conc: 42.64 ng/ml



#7 delta-BHC

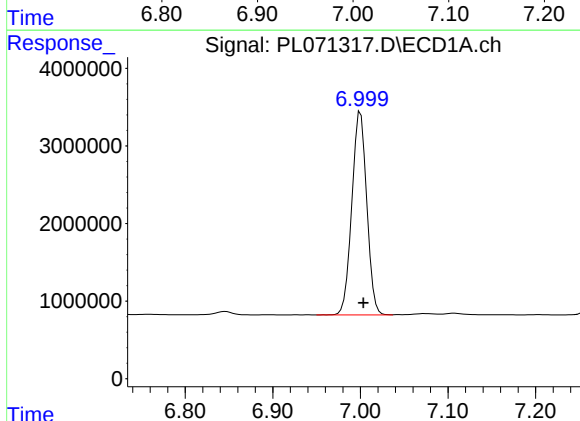
R.T.: 6.334 min  
Delta R.T.: -0.003 min  
Response: 14606531  
Conc: 22.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



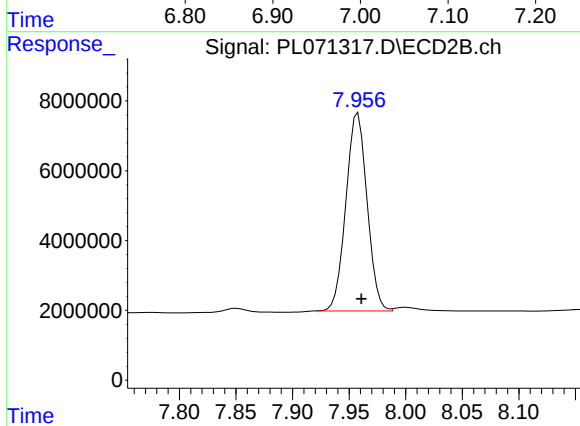
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: -0.003 min  
Response: 30718100  
Conc: 18.07 ng/ml



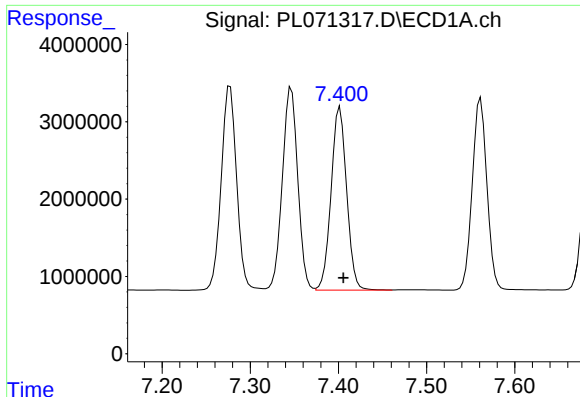
#8 Heptachlor epoxide

R.T.: 7.000 min  
Delta R.T.: -0.003 min  
Response: 31033969  
Conc: 49.79 ng/ml



#8 Heptachlor epoxide

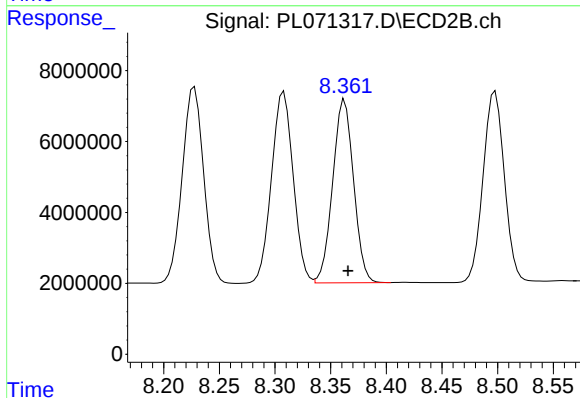
R.T.: 7.958 min  
Delta R.T.: -0.003 min  
Response: 73807774  
Conc: 46.46 ng/ml



#9 Endosulfan I

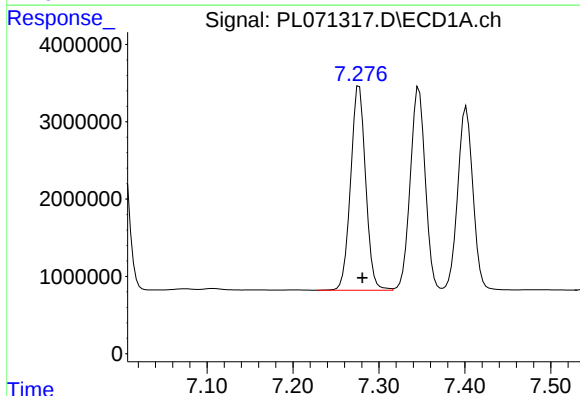
R.T.: 7.402 min  
Delta R.T.: -0.004 min  
Response: 29089341  
Conc: 48.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



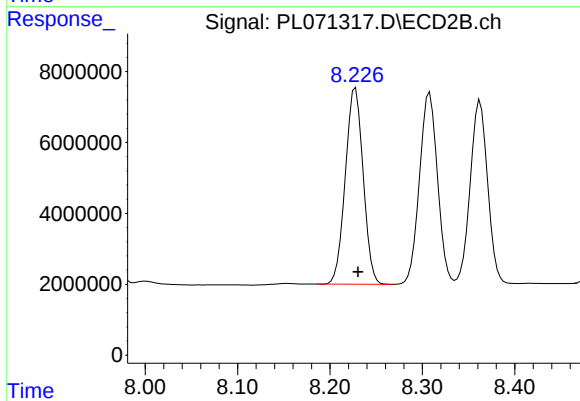
#9 Endosulfan I

R.T.: 8.363 min  
Delta R.T.: -0.003 min  
Response: 67524641  
Conc: 44.69 ng/ml



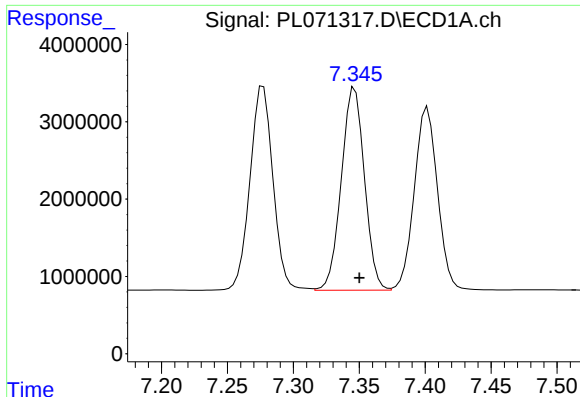
#10 gamma-Chlordane

R.T.: 7.277 min  
Delta R.T.: -0.004 min  
Response: 32174102  
Conc: 50.67 ng/ml



#10 gamma-Chlordane

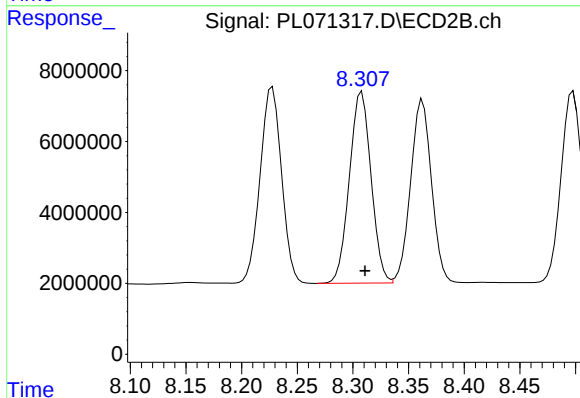
R.T.: 8.228 min  
Delta R.T.: -0.003 min  
Response: 74184320  
Conc: 46.40 ng/ml



#11 alpha-Chlordane

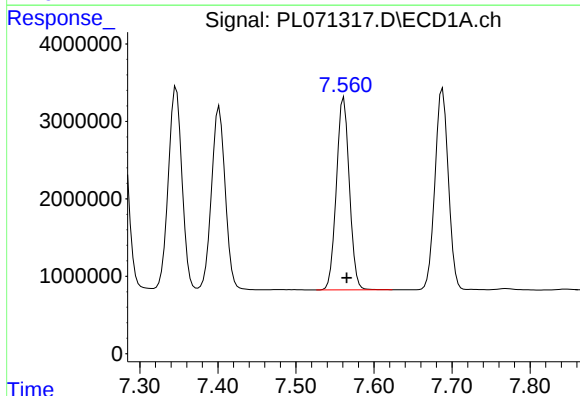
R.T.: 7.347 min  
Delta R.T.: -0.004 min  
Response: 32006442  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



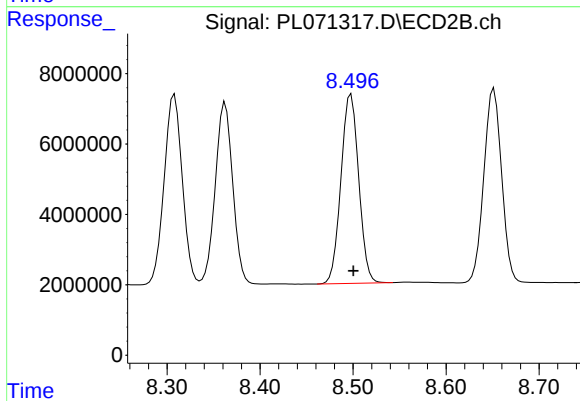
#11 alpha-Chlordane

R.T.: 8.308 min  
Delta R.T.: -0.003 min  
Response: 73317433  
Conc: 46.13 ng/ml



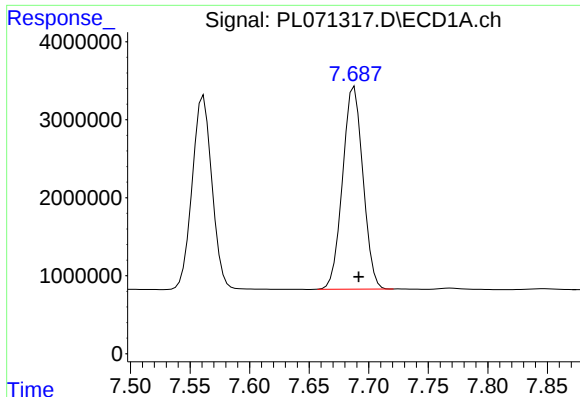
#12 4,4'-DDE

R.T.: 7.561 min  
Delta R.T.: -0.004 min  
Response: 28715840  
Conc: 50.75 ng/ml



#12 4,4'-DDE

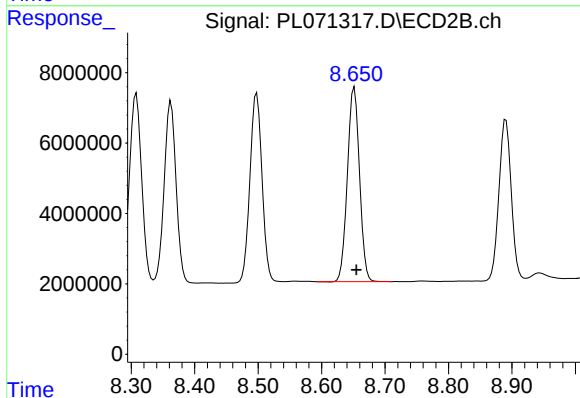
R.T.: 8.498 min  
Delta R.T.: -0.003 min  
Response: 71391405  
Conc: 46.37 ng/ml



#13 Dieldrin

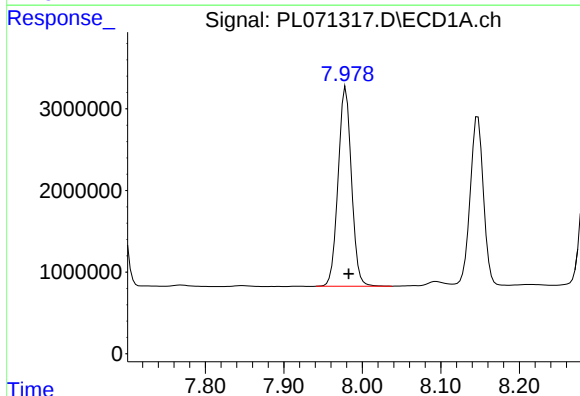
R.T.: 7.688 min  
Delta R.T.: -0.004 min  
Response: 30930374  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



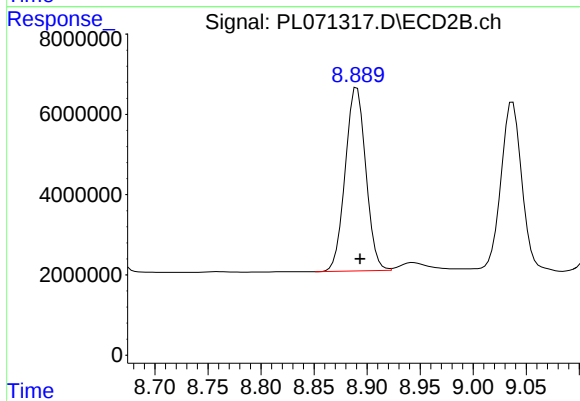
#13 Dieldrin

R.T.: 8.652 min  
Delta R.T.: -0.003 min  
Response: 73237354  
Conc: 47.14 ng/ml



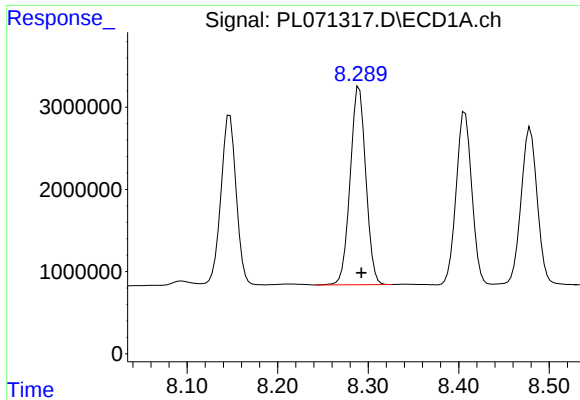
#14 Endrin

R.T.: 7.979 min  
Delta R.T.: -0.004 min  
Response: 28898828  
Conc: 51.10 ng/ml



#14 Endrin

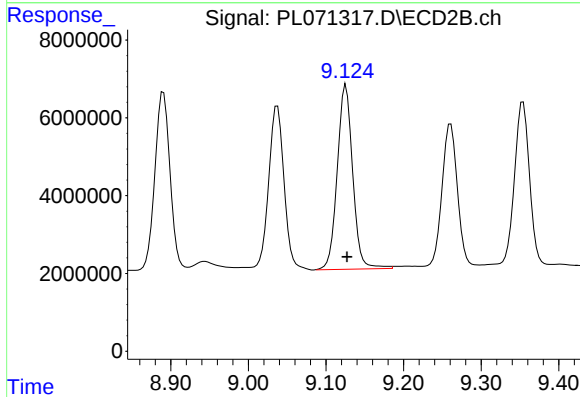
R.T.: 8.890 min  
Delta R.T.: -0.003 min  
Response: 61535561  
Conc: 45.86 ng/ml



#15 Endosulfan II

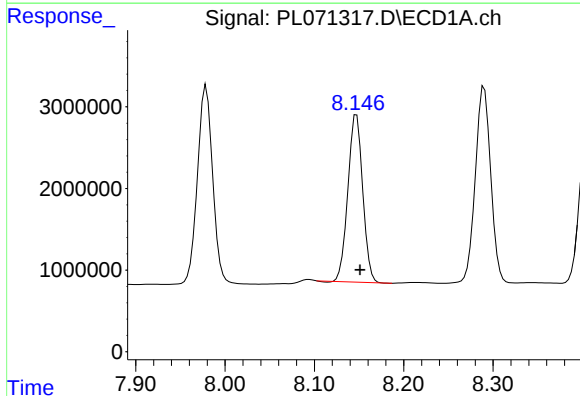
R.T.: 8.290 min  
Delta R.T.: -0.003 min  
Response: 28933484  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



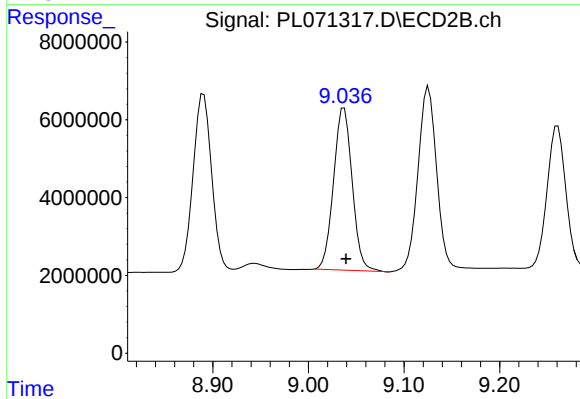
#15 Endosulfan II

R.T.: 9.126 min  
Delta R.T.: -0.001 min  
Response: 65718088  
Conc: 48.78 ng/ml



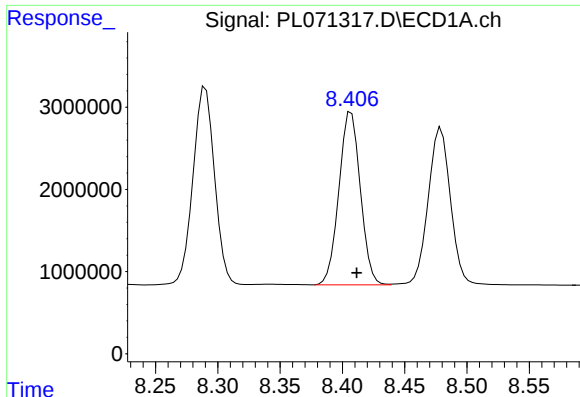
#16 4,4'-DDD

R.T.: 8.147 min  
Delta R.T.: -0.004 min  
Response: 23631797  
Conc: 47.16 ng/ml



#16 4,4'-DDD

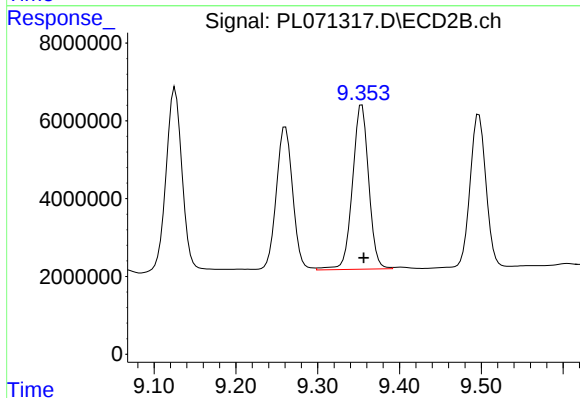
R.T.: 9.037 min  
Delta R.T.: -0.002 min  
Response: 56237268  
Conc: 48.47 ng/ml



#17 4,4'-DDT

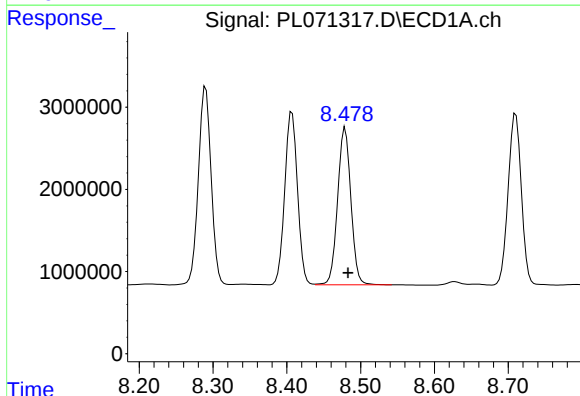
R.T.: 8.407 min  
Delta R.T.: -0.004 min  
Response: 25301103  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



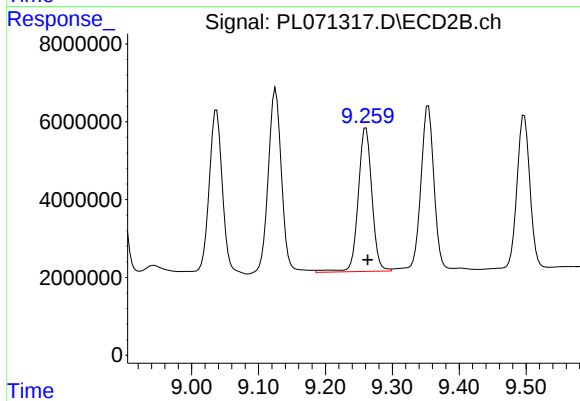
#17 4,4'-DDT

R.T.: 9.354 min  
Delta R.T.: -0.002 min  
Response: 58142993  
Conc: 41.80 ng/ml



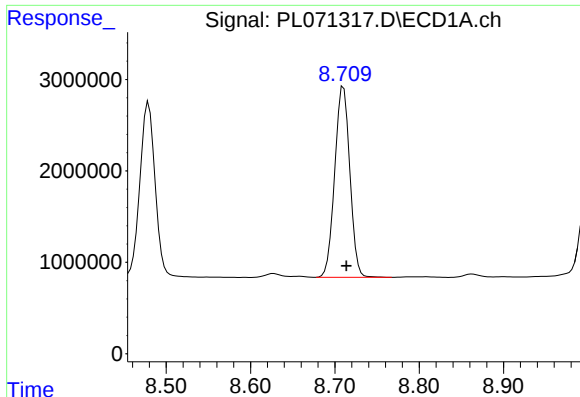
#18 Endrin aldehyde

R.T.: 8.479 min  
Delta R.T.: -0.004 min  
Response: 23968384  
Conc: 52.33 ng/ml



#18 Endrin aldehyde

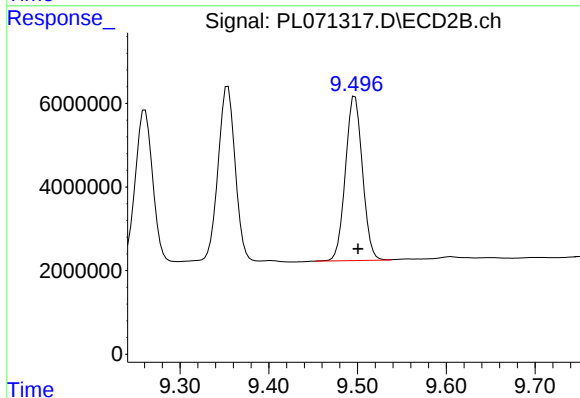
R.T.: 9.261 min  
Delta R.T.: -0.002 min  
Response: 52627458  
Conc: 50.94 ng/ml



#19 Endosulfan Sulfate

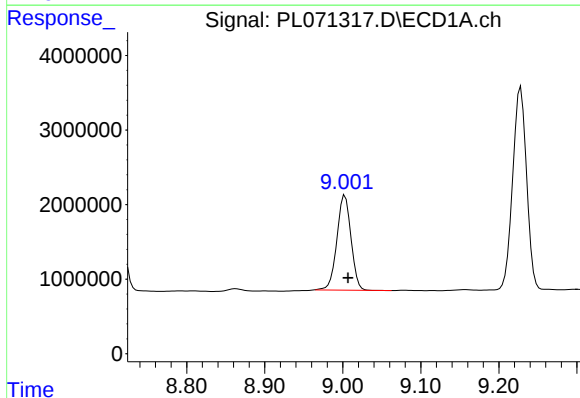
R.T.: 8.710 min  
Delta R.T.: -0.004 min  
Response: 26043343  
Conc: 42.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



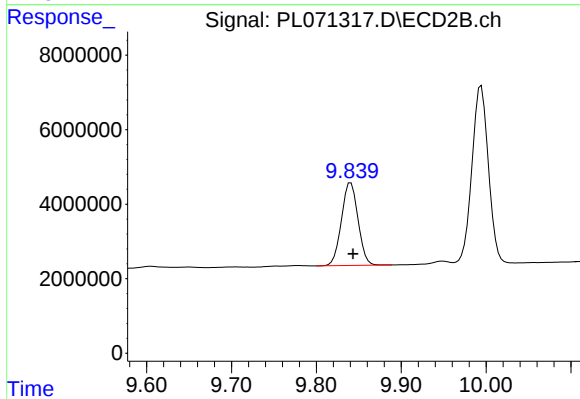
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: -0.003 min  
Response: 52372332  
Conc: 40.07 ng/ml



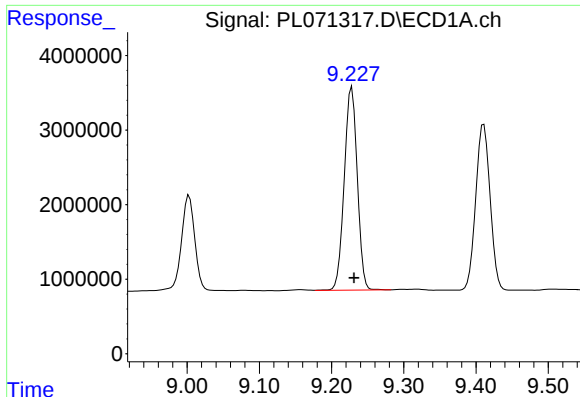
#20 Methoxychlor

R.T.: 9.003 min  
Delta R.T.: -0.004 min  
Response: 15958266  
Conc: 44.17 ng/ml



#20 Methoxychlor

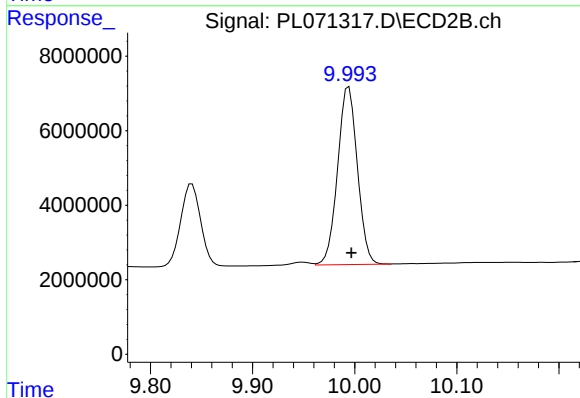
R.T.: 9.841 min  
Delta R.T.: -0.003 min  
Response: 30112031  
Conc: 41.53 ng/ml



#21 Endrin ketone

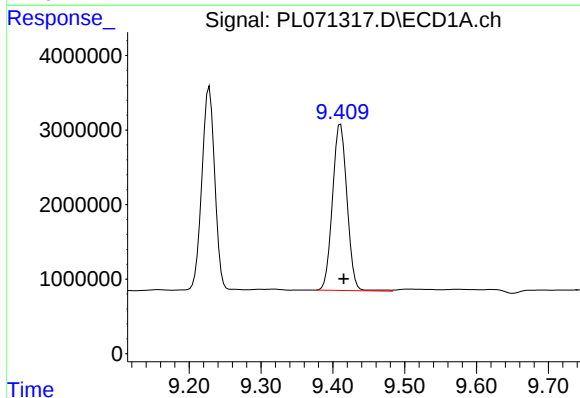
R.T.: 9.228 min  
Delta R.T.: -0.003 min  
Response: 33908735  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



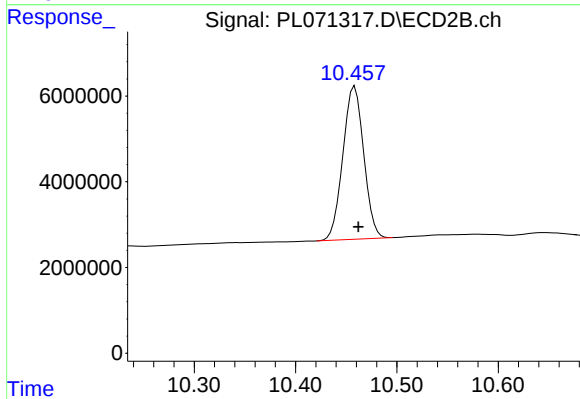
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: -0.003 min  
Response: 64279043  
Conc: 43.90 ng/ml



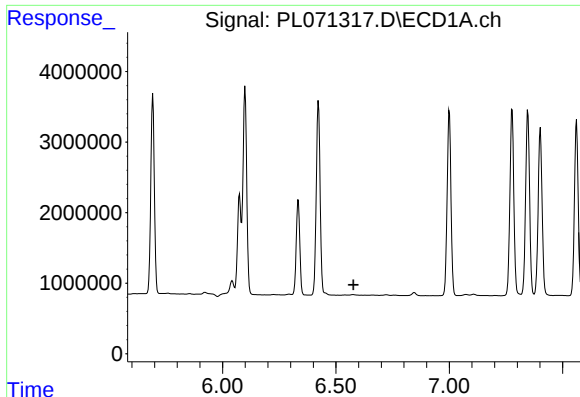
#22 Mirex

R.T.: 9.411 min  
Delta R.T.: -0.004 min  
Response: 31316191  
Conc: 50.71 ng/ml



#22 Mirex

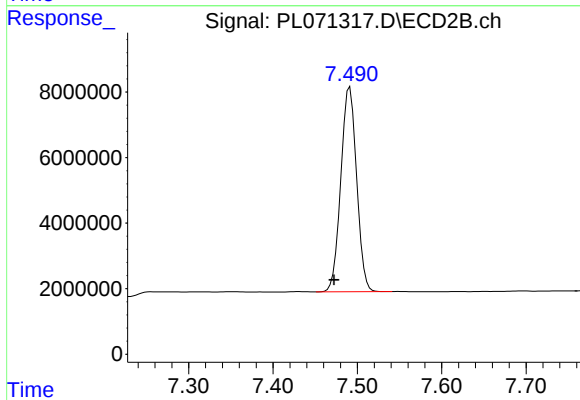
R.T.: 10.459 min  
Delta R.T.: -0.003 min  
Response: 51021277  
Conc: 46.78 ng/ml



#24 Chlordane-2

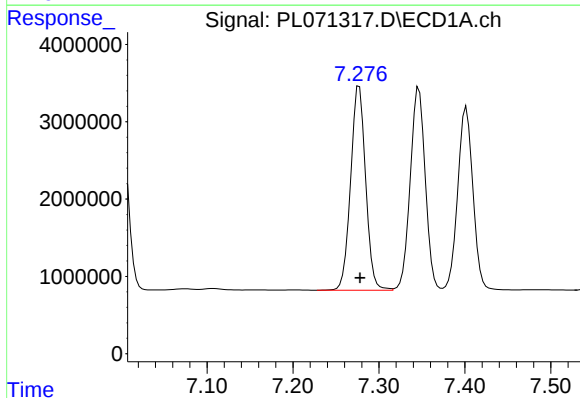
R.T.: 0.000 min  
Exp R.T.: 6.578 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



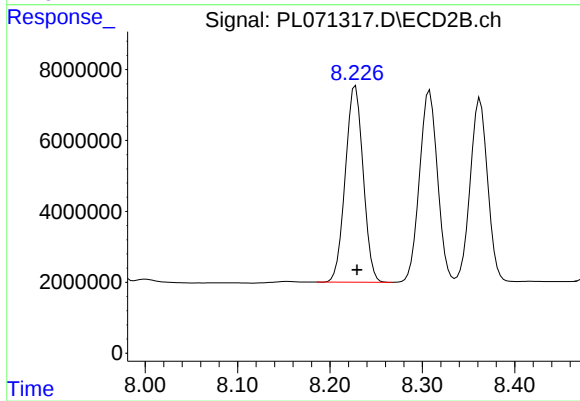
#24 Chlordane-2

R.T.: 7.491 min  
Delta R.T.: 0.019 min  
Response: 81332848  
Conc: 1420.20 ng/ml



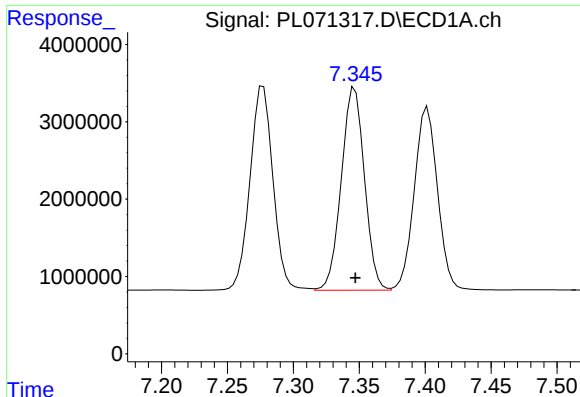
#25 Chlordane-3

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 32174102  
Conc: 518.77 ng/ml



#25 Chlordane-3

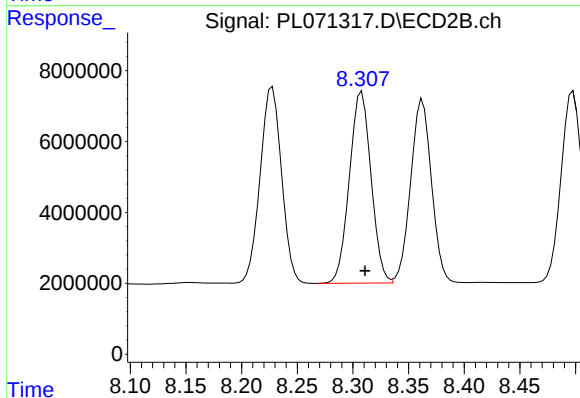
R.T.: 8.228 min  
Delta R.T.: -0.001 min  
Response: 74184320  
Conc: 337.37 ng/ml



#26 Chlordane-4

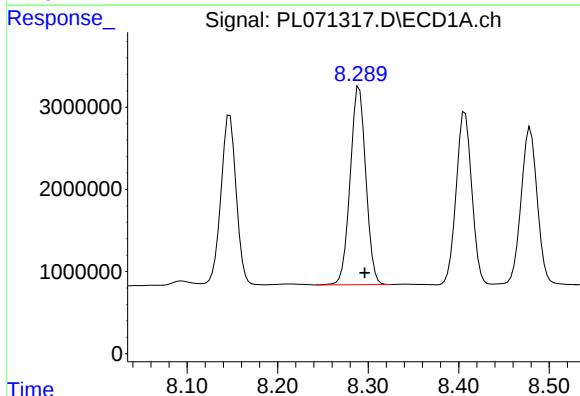
R.T.: 7.347 min  
Delta R.T.: 0.000 min  
Response: 32006442  
Conc: 482.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



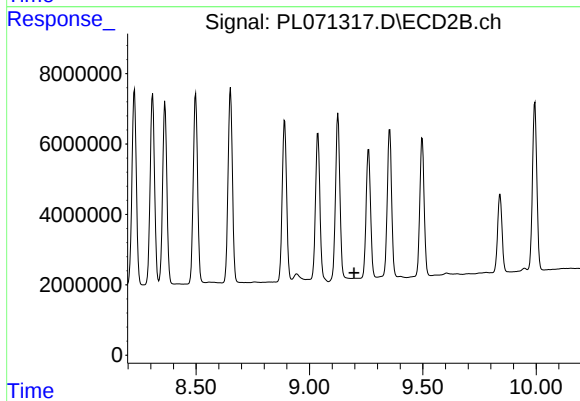
#26 Chlordane-4

R.T.: 8.308 min  
Delta R.T.: -0.003 min  
Response: 73317433  
Conc: 276.32 ng/ml



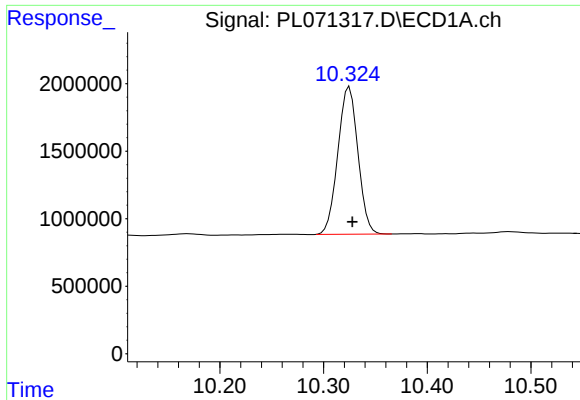
#27 Chlordane-5

R.T.: 8.290 min  
Delta R.T.: -0.006 min  
Response: 28933484  
Conc: 1212.13 ng/ml



#27 Chlordane-5

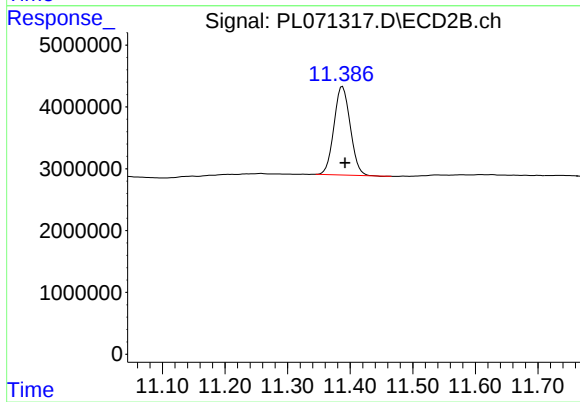
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.325 min  
Delta R.T.: -0.003 min  
Response: 14706465  
Conc: 20.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.388 min  
Delta R.T.: -0.004 min  
Response: 25887587  
Conc: 18.62 ng/ml