

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010722\  
 Data File : PL071882.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2022 19:09  
 Operator : AR\AJ  
 Sample : N1065-38MS  
 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: Jan 07 23:42:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010422.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 06 10:33:37 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... | 4.558  | 5.494  | 10395654 | 28389161 | 22.504   | 23.106     |
| 28)                         | SA Decachlor... | 10.320 | 11.389 | 17093507 | 29178449 | 23.642   | 24.623     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.264  | 6.076  | 34032807 | 100.2E6  | 55.117   | 57.470     |
| 3)                          | MA gamma-BHC... | 5.687  | 6.472  | 33172094 | 92895141 | 54.495   | 57.428     |
| 4)                          | MA Heptachlor   | 6.094  | 7.118  | 37379807 | 94173462 | 54.755   | 58.770     |
| 5)                          | MB Aldrin       | 6.418  | 7.488  | 34349457 | 89783478 | 54.555   | 58.278     |
| 6)                          | B beta-BHC      | 6.072  | 6.731  | 14168332 | 39901116 | 52.366   | 55.845     |
| 7)                          | B delta-BHC     | 6.331  | 6.997  | 34286752 | 94241839 | 54.829   | 61.391     |
| 8)                          | B Heptachlo...  | 6.996  | 7.956  | 33207209 | 80169751 | 54.438   | 57.373     |
| 9)                          | A Endosulfan I  | 7.398  | 8.361  | 30812069 | 71808721 | 54.406   | 57.976     |
| 10)                         | B gamma-Chl...  | 7.273  | 8.226  | 33925517 | 79531026 | 54.715   | 58.162     |
| 11)                         | B alpha-Chl...  | 7.343  | 8.306  | 33703717 | 78507297 | 54.431   | 58.989     |
| 12)                         | B 4,4'-DDE      | 7.558  | 8.496  | 31099330 | 75752554 | 56.092   | 60.185     |
| 13)                         | MA Dieldrin     | 7.684  | 8.650  | 33076285 | 76188855 | 54.842   | 58.071     |
| 14)                         | MA Endrin       | 7.976  | 8.889  | 30868459 | 64973246 | 58.411   | 62.780     |
| 15)                         | B Endosulfa...  | 8.288  | 9.126  | 30662817 | 64912515 | 53.046   | 57.804     |
| 16)                         | A 4,4'-DDD      | 8.144  | 9.037  | 25213886 | 55512326 | 52.362   | 57.743     |
| 17)                         | MA 4,4'-DDT     | 8.405  | 9.353  | 27949483 | 58150687 | 58.563   | 61.664     |
| 18)                         | B Endrin al...  | 8.477  | 9.260  | 23877187 | 48340643 | 52.620   | 56.965     |
| 19)                         | B Endosulfa...  | 8.708  | 9.498  | 30728795 | 59226166 | 52.552   | 57.011     |
| 20)                         | A Methoxychlor  | 9.001  | 9.841  | 17566178 | 30938871 | 56.757   | 62.830     |
| 21)                         | B Endrin ke...  | 9.226  | 9.995  | 35367853 | 62753274 | 51.036   | 55.607     |
| 22)                         | Mirex           | 9.408  | 10.458 | 32894674 | 50193578 | 54.836   | 58.427     |
| 24)                         | Chlordane-2     | 0.000  | 7.488f | 0        | 89783478 | N.D.     | 1658.730 # |
| 25)                         | Chlordane-3     | 7.273  | 8.226  | 33925517 | 79531026 | 522.093  | 389.644 #  |
| 26)                         | Chlordane-4     | 7.343  | 8.306  | 33703717 | 78507297 | 479.910  | 322.518 #  |
| 27)                         | Chlordane-5     | 8.288  | 0.000  | 30662817 | 0        | 1284.374 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

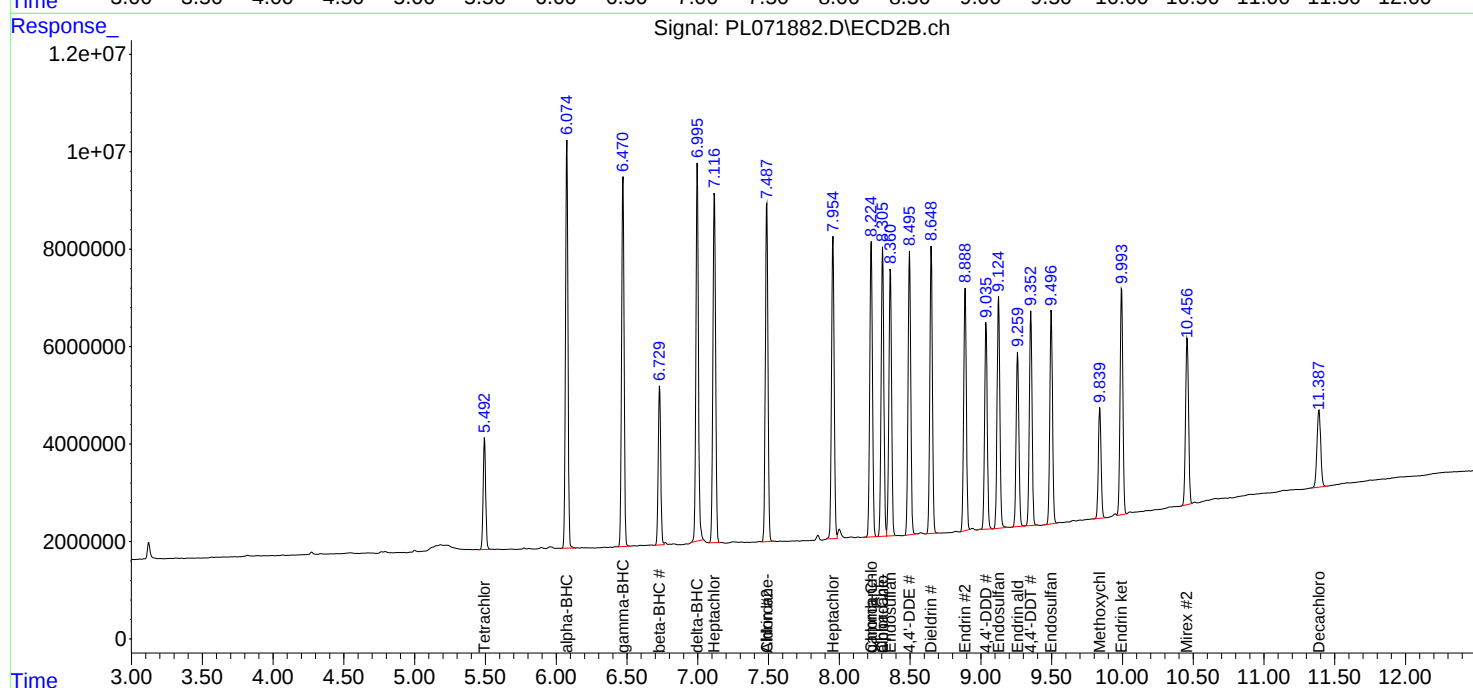
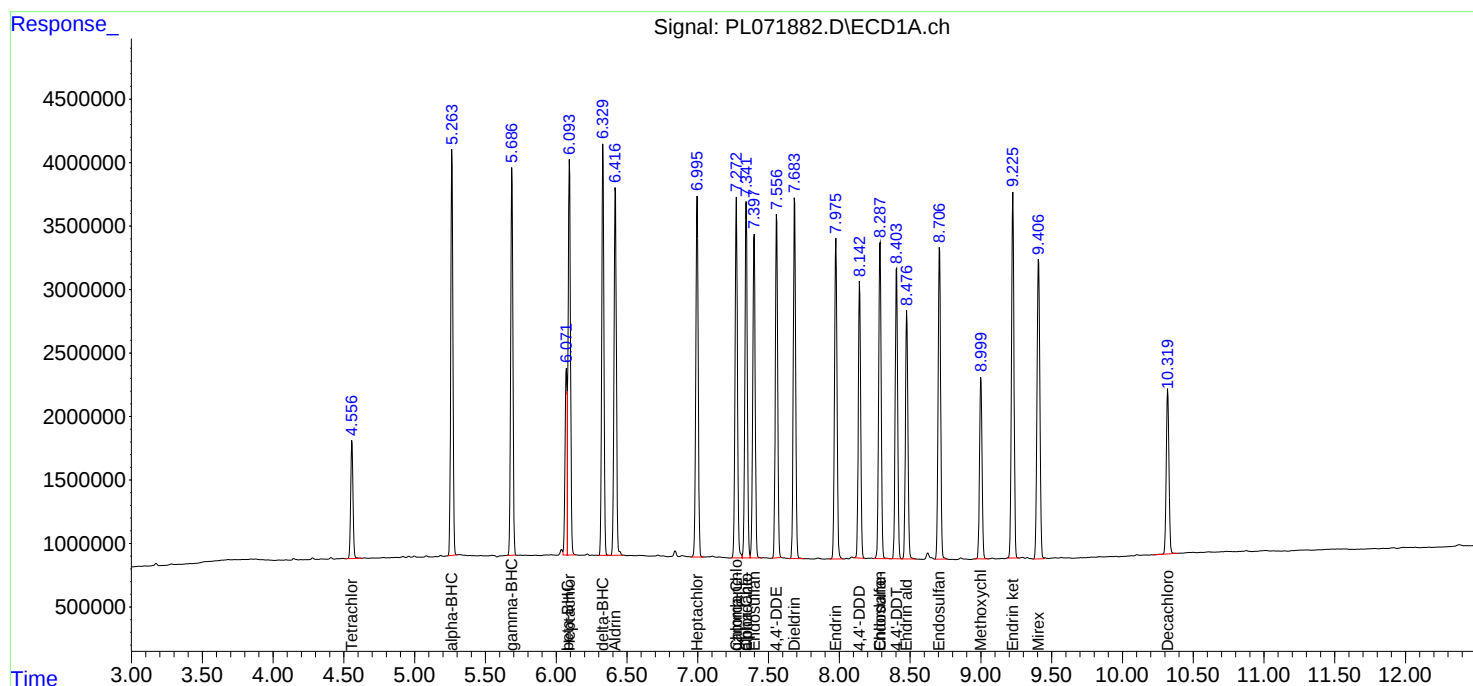
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

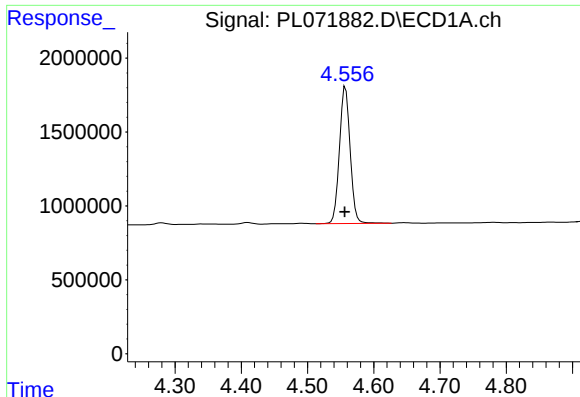
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010722\  
Data File : PL071882.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jan 2022 19:09  
Operator : AR\AJ  
Sample : N1065-38MS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 07 23:42:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010422.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 06 10:33:37 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

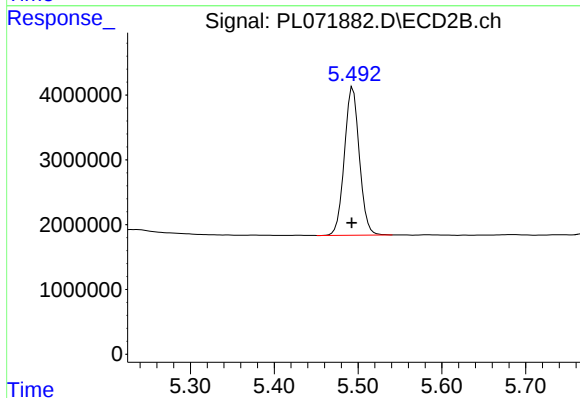




#1 Tetrachloro-m-xylene

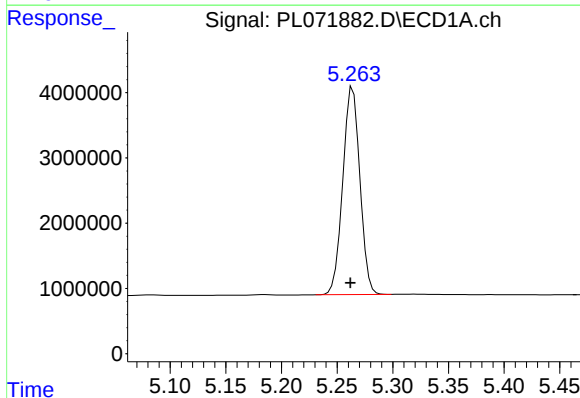
R.T.: 4.558 min  
Delta R.T.: 0.002 min  
Response: 10395654  
Conc: 22.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



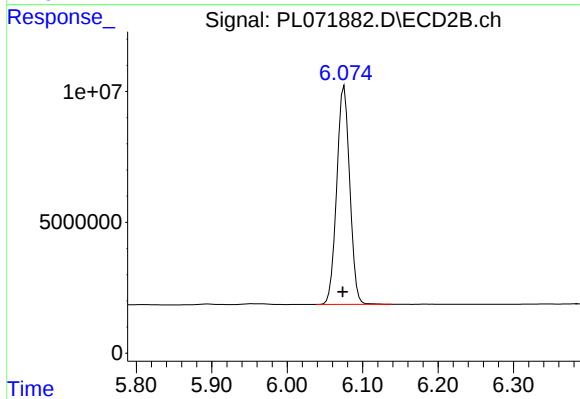
#1 Tetrachloro-m-xylene

R.T.: 5.494 min  
Delta R.T.: 0.001 min  
Response: 28389161  
Conc: 23.11 ng/ml



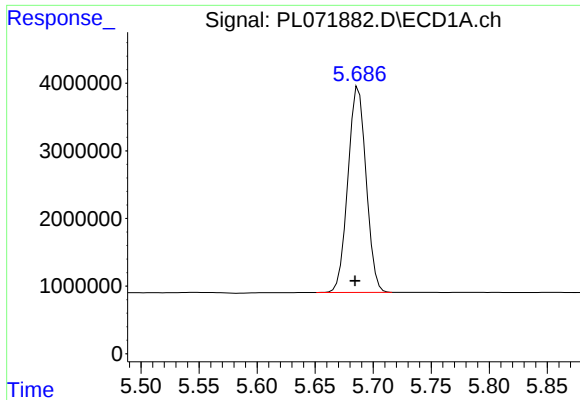
#2 alpha-BHC

R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 34032807  
Conc: 55.12 ng/ml



#2 alpha-BHC

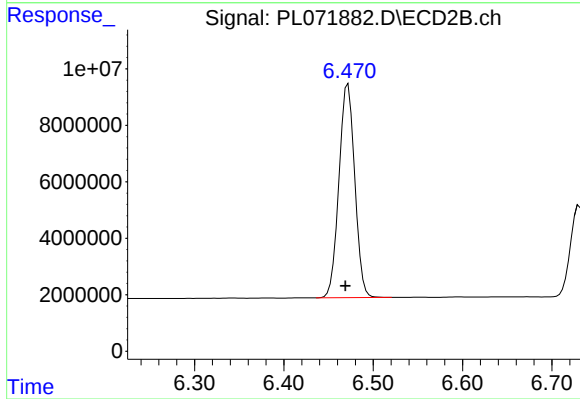
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 100196198  
Conc: 57.47 ng/ml



#3 gamma-BHC (Lindane)

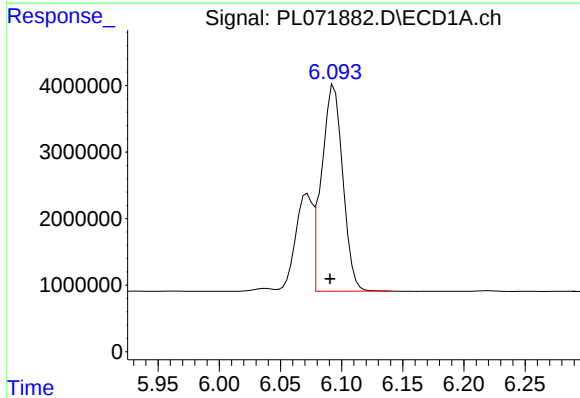
R.T.: 5.687 min  
Delta R.T.: 0.003 min  
Response: 33172094  
Conc: 54.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



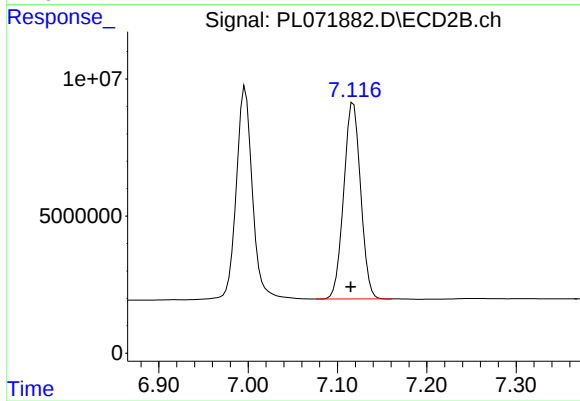
#3 gamma-BHC (Lindane)

R.T.: 6.472 min  
Delta R.T.: 0.003 min  
Response: 92895141  
Conc: 57.43 ng/ml



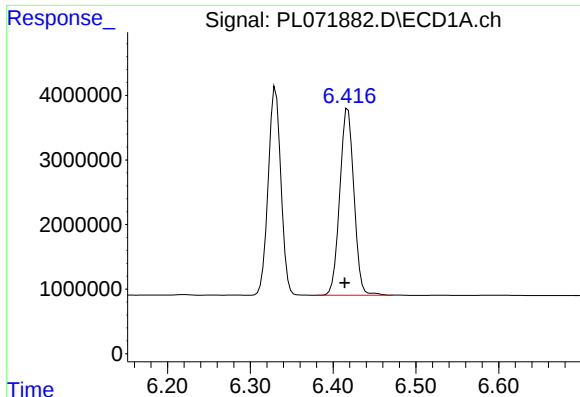
#4 Heptachlor

R.T.: 6.094 min  
Delta R.T.: 0.003 min  
Response: 37379807  
Conc: 54.76 ng/ml



#4 Heptachlor

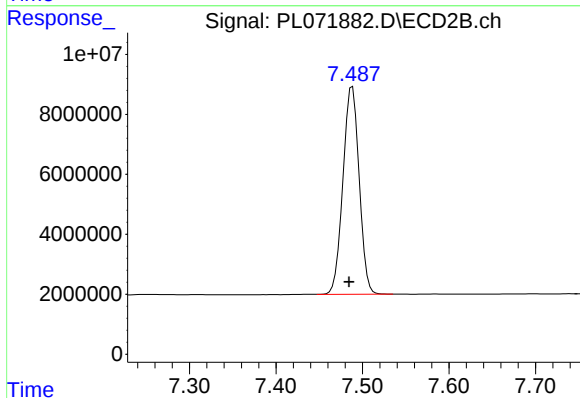
R.T.: 7.118 min  
Delta R.T.: 0.003 min  
Response: 94173462  
Conc: 58.77 ng/ml



#5 Aldrin

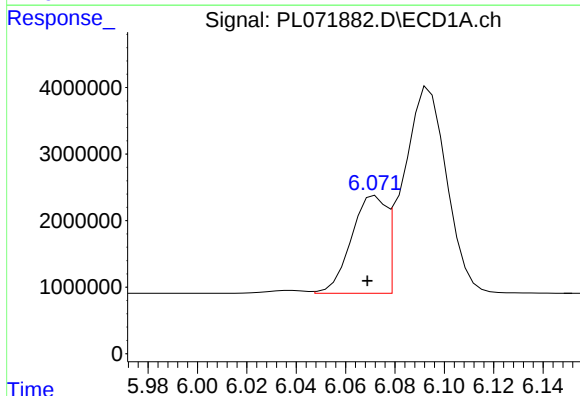
R.T.: 6.418 min  
Delta R.T.: 0.004 min  
Response: 34349457  
Conc: 54.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



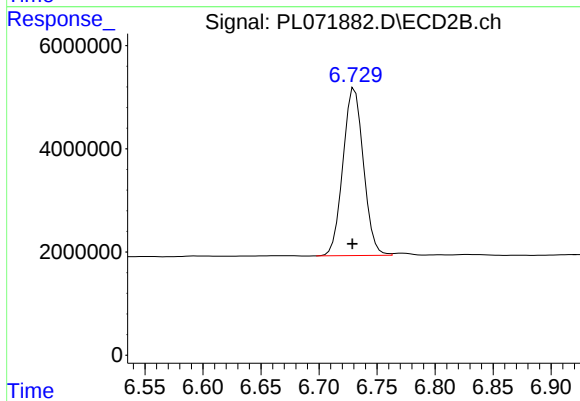
#5 Aldrin

R.T.: 7.488 min  
Delta R.T.: 0.004 min  
Response: 89783478  
Conc: 58.28 ng/ml



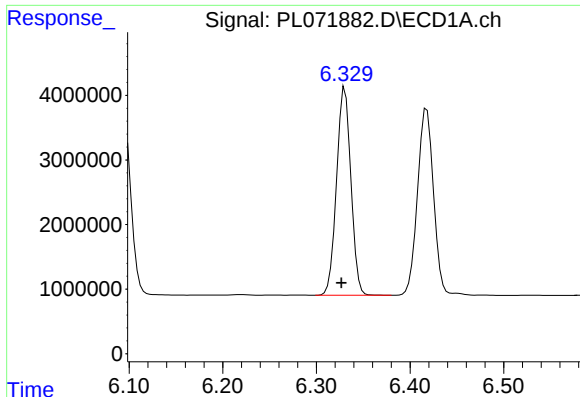
#6 beta-BHC

R.T.: 6.072 min  
Delta R.T.: 0.003 min  
Response: 14168332  
Conc: 52.37 ng/ml



#6 beta-BHC

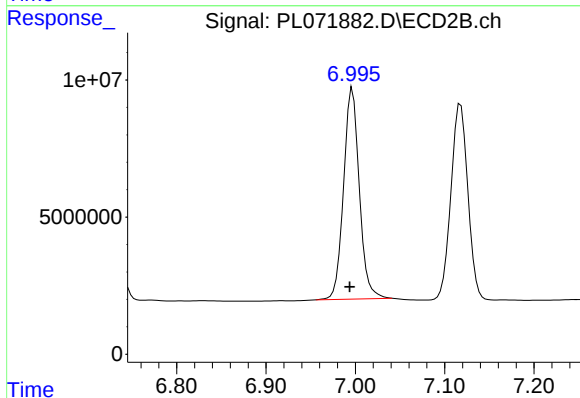
R.T.: 6.731 min  
Delta R.T.: 0.002 min  
Response: 39901116  
Conc: 55.84 ng/ml



#7 delta-BHC

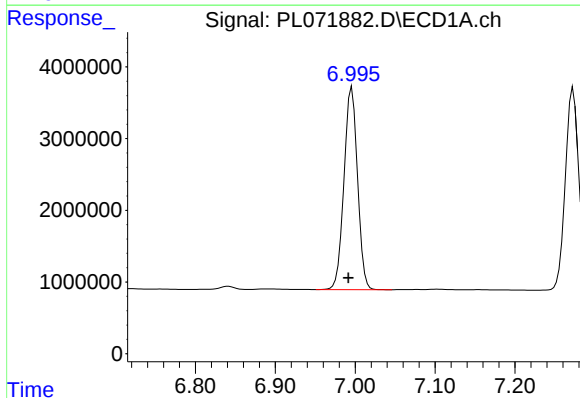
R.T.: 6.331 min  
Delta R.T.: 0.004 min  
Response: 34286752  
Conc: 54.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



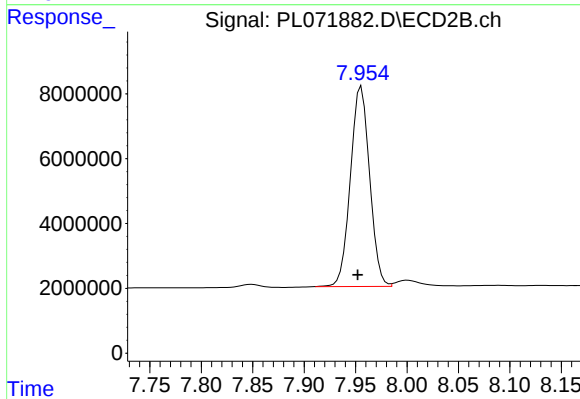
#7 delta-BHC

R.T.: 6.997 min  
Delta R.T.: 0.003 min  
Response: 94241839  
Conc: 61.39 ng/ml



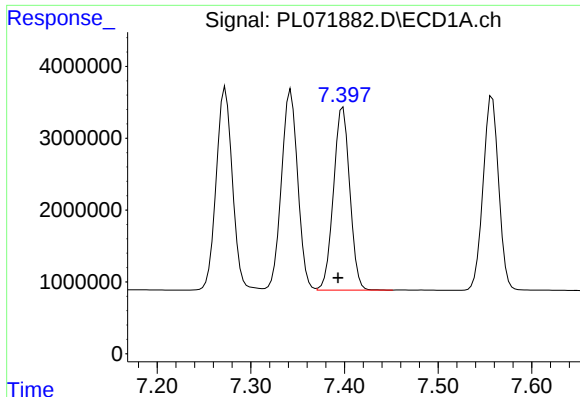
#8 Heptachlor epoxide

R.T.: 6.996 min  
Delta R.T.: 0.004 min  
Response: 33207209  
Conc: 54.44 ng/ml



#8 Heptachlor epoxide

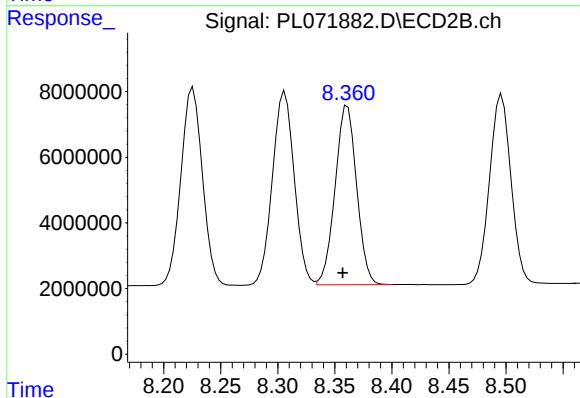
R.T.: 7.956 min  
Delta R.T.: 0.003 min  
Response: 80169751  
Conc: 57.37 ng/ml



#9 Endosulfan I

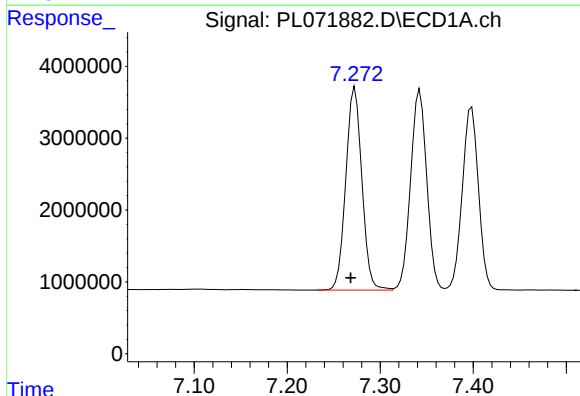
R.T.: 7.398 min  
Delta R.T.: 0.005 min  
Response: 30812069  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



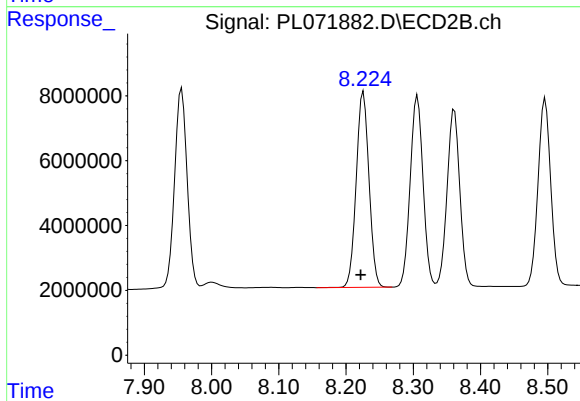
#9 Endosulfan I

R.T.: 8.361 min  
Delta R.T.: 0.004 min  
Response: 71808721  
Conc: 57.98 ng/ml



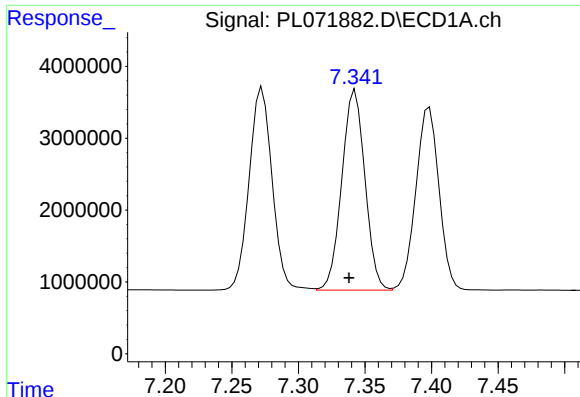
#10 gamma-Chlordane

R.T.: 7.273 min  
Delta R.T.: 0.005 min  
Response: 33925517  
Conc: 54.72 ng/ml



#10 gamma-Chlordane

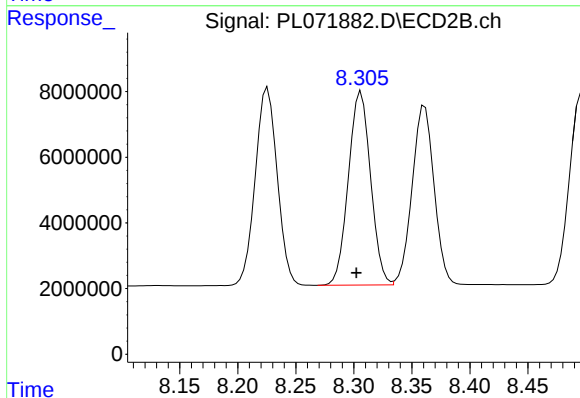
R.T.: 8.226 min  
Delta R.T.: 0.004 min  
Response: 79531026  
Conc: 58.16 ng/ml



#11 alpha-Chlordane

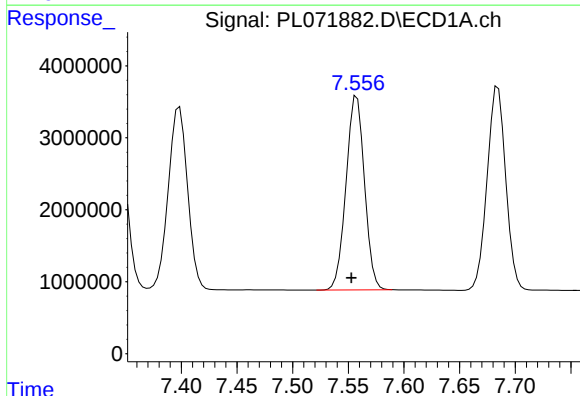
R.T.: 7.343 min  
Delta R.T.: 0.005 min  
Response: 33703717  
Conc: 54.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



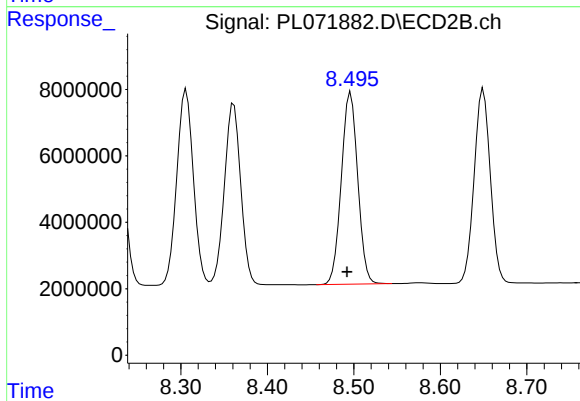
#11 alpha-Chlordane

R.T.: 8.306 min  
Delta R.T.: 0.004 min  
Response: 78507297  
Conc: 58.99 ng/ml



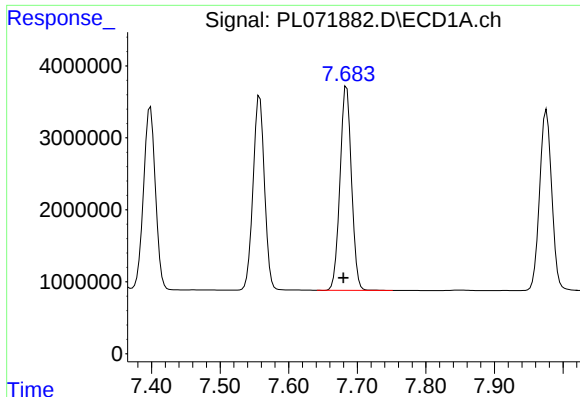
#12 4,4'-DDE

R.T.: 7.558 min  
Delta R.T.: 0.005 min  
Response: 31099330  
Conc: 56.09 ng/ml



#12 4,4'-DDE

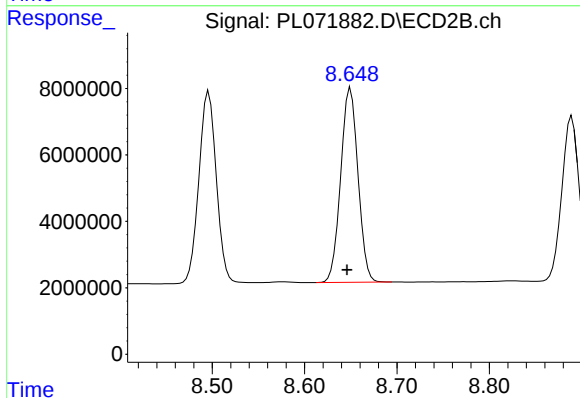
R.T.: 8.496 min  
Delta R.T.: 0.004 min  
Response: 75752554  
Conc: 60.18 ng/ml



#13 Dieldrin

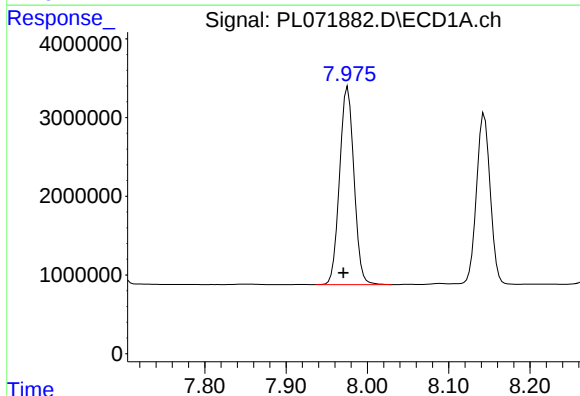
R.T.: 7.684 min  
Delta R.T.: 0.005 min  
Response: 33076285  
Conc: 54.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



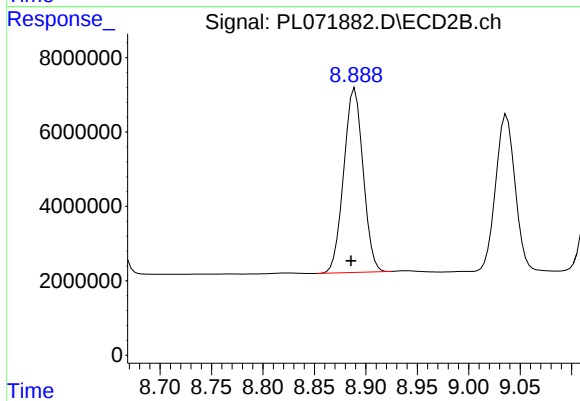
#13 Dieldrin

R.T.: 8.650 min  
Delta R.T.: 0.004 min  
Response: 76188855  
Conc: 58.07 ng/ml



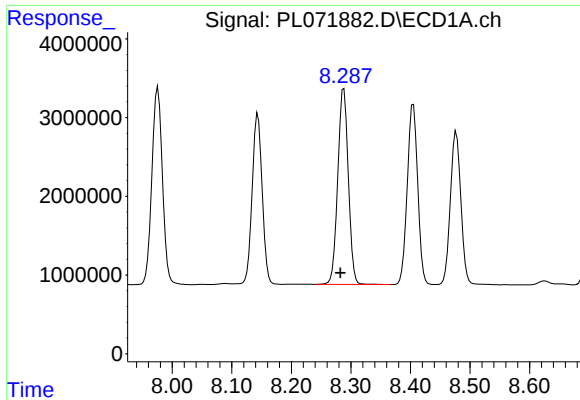
#14 Endrin

R.T.: 7.976 min  
Delta R.T.: 0.006 min  
Response: 30868459  
Conc: 58.41 ng/ml



#14 Endrin

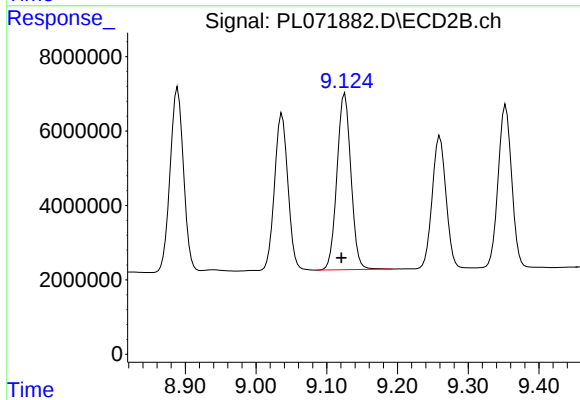
R.T.: 8.889 min  
Delta R.T.: 0.004 min  
Response: 64973246  
Conc: 62.78 ng/ml



#15 Endosulfan II

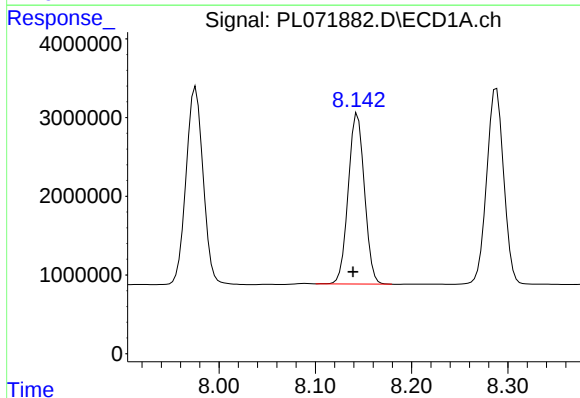
R.T.: 8.288 min  
Delta R.T.: 0.006 min  
Response: 30662817  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



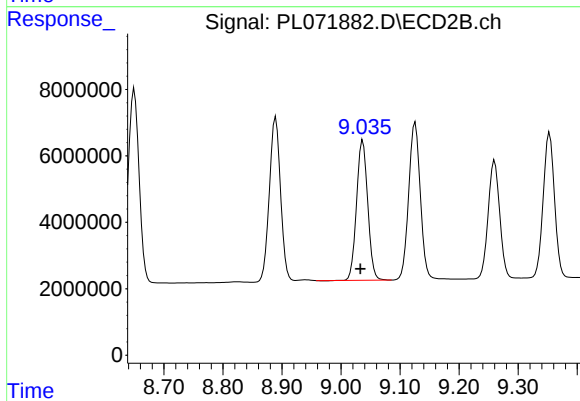
#15 Endosulfan II

R.T.: 9.126 min  
Delta R.T.: 0.005 min  
Response: 64912515  
Conc: 57.80 ng/ml



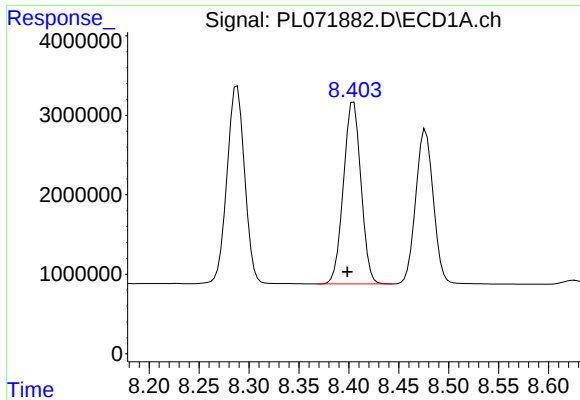
#16 4,4'-DDD

R.T.: 8.144 min  
Delta R.T.: 0.005 min  
Response: 25213886  
Conc: 52.36 ng/ml



#16 4,4'-DDD

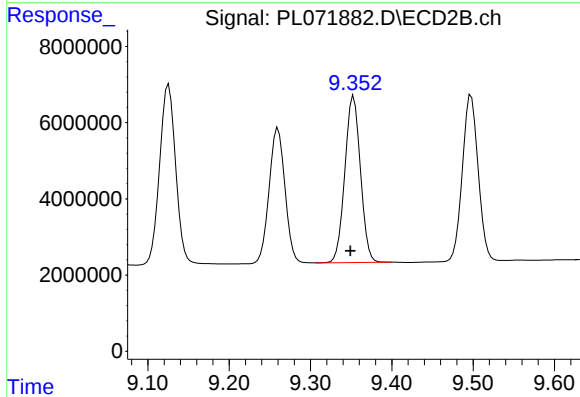
R.T.: 9.037 min  
Delta R.T.: 0.004 min  
Response: 55512326  
Conc: 57.74 ng/ml



#17 4,4'-DDT

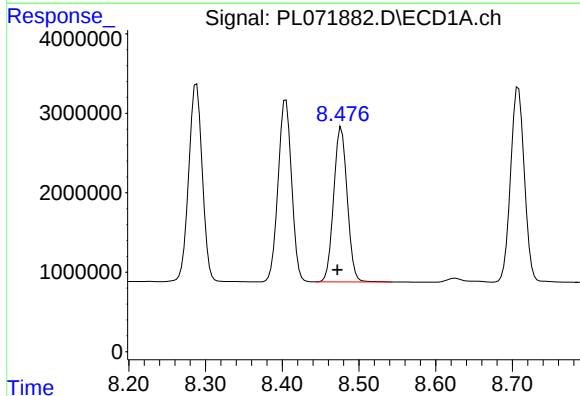
R.T.: 8.405 min  
Delta R.T.: 0.006 min  
Response: 27949483  
Conc: 58.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



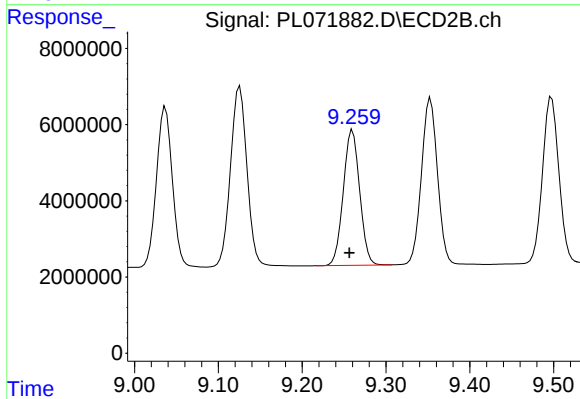
#17 4,4'-DDT

R.T.: 9.353 min  
Delta R.T.: 0.004 min  
Response: 58150687  
Conc: 61.66 ng/ml



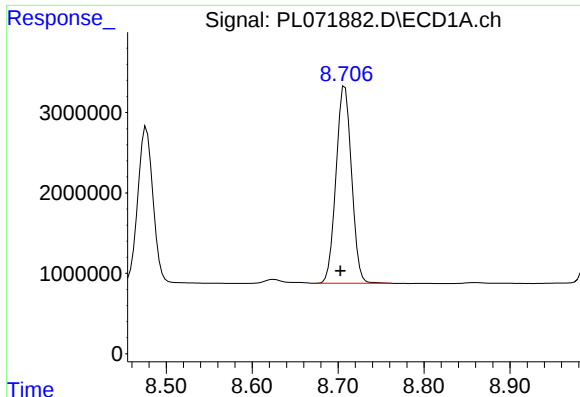
#18 Endrin aldehyde

R.T.: 8.477 min  
Delta R.T.: 0.005 min  
Response: 23877187  
Conc: 52.62 ng/ml



#18 Endrin aldehyde

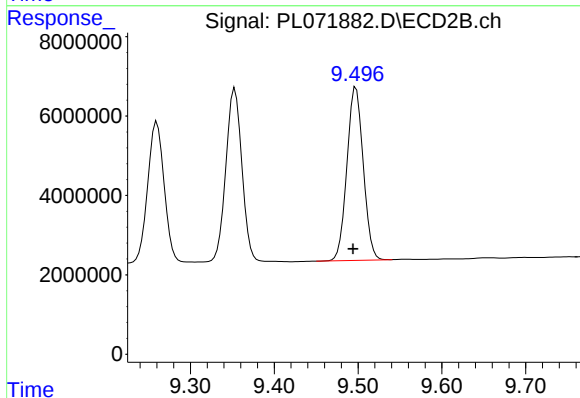
R.T.: 9.260 min  
Delta R.T.: 0.004 min  
Response: 48340643  
Conc: 56.97 ng/ml



#19 Endosulfan Sulfate

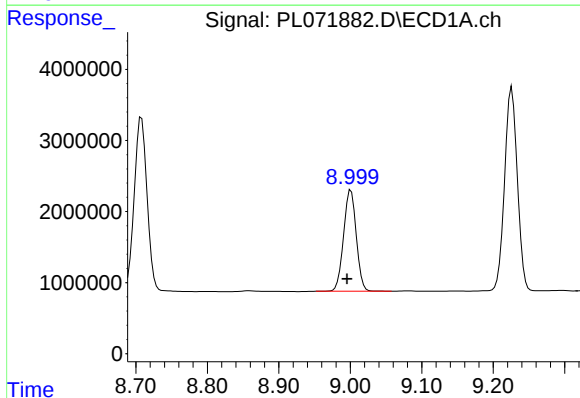
R.T.: 8.708 min  
Delta R.T.: 0.005 min  
Response: 30728795  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



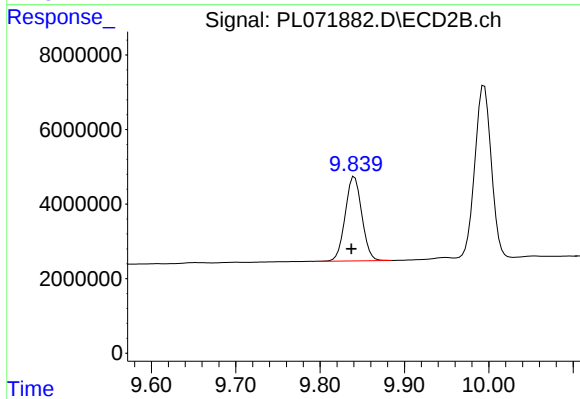
#19 Endosulfan Sulfate

R.T.: 9.498 min  
Delta R.T.: 0.004 min  
Response: 59226166  
Conc: 57.01 ng/ml



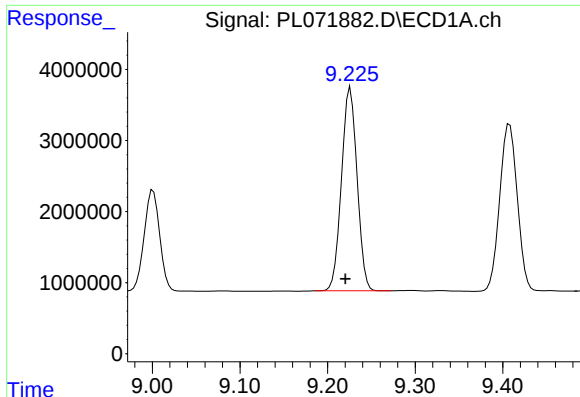
#20 Methoxychlor

R.T.: 9.001 min  
Delta R.T.: 0.005 min  
Response: 17566178  
Conc: 56.76 ng/ml



#20 Methoxychlor

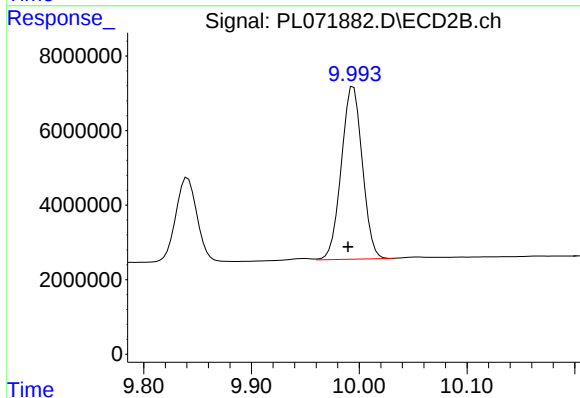
R.T.: 9.841 min  
Delta R.T.: 0.004 min  
Response: 30938871  
Conc: 62.83 ng/ml



#21 Endrin ketone

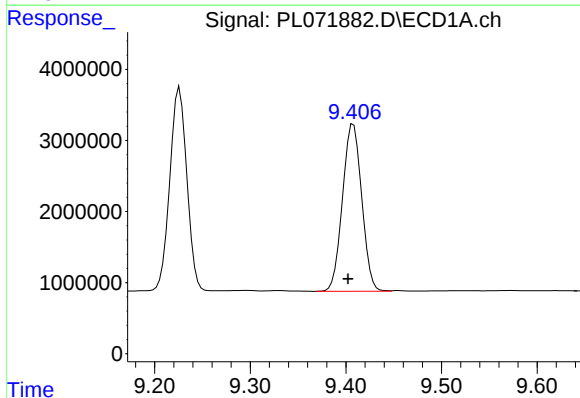
R.T.: 9.226 min  
Delta R.T.: 0.006 min  
Response: 35367853  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



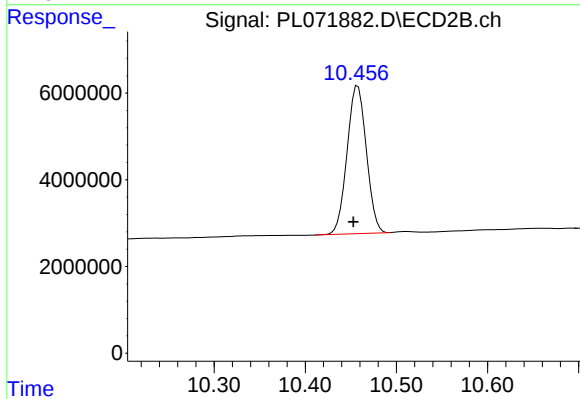
#21 Endrin ketone

R.T.: 9.995 min  
Delta R.T.: 0.005 min  
Response: 62753274  
Conc: 55.61 ng/ml



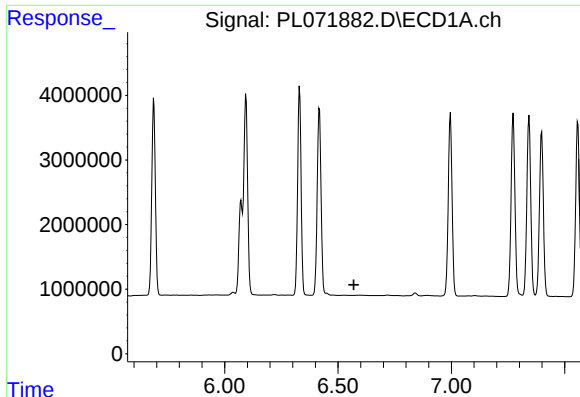
#22 Mirex

R.T.: 9.408 min  
Delta R.T.: 0.006 min  
Response: 32894674  
Conc: 54.84 ng/ml



#22 Mirex

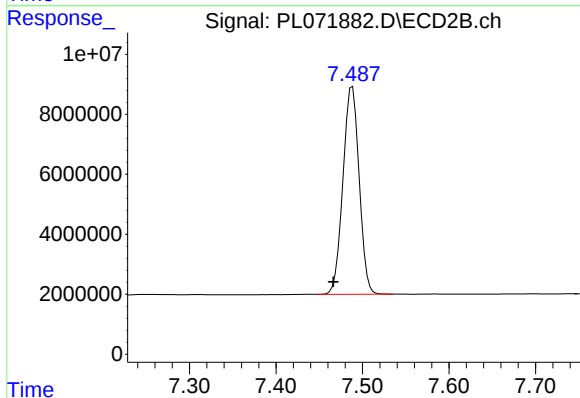
R.T.: 10.458 min  
Delta R.T.: 0.005 min  
Response: 50193578  
Conc: 58.43 ng/ml



#24 Chlordane-2

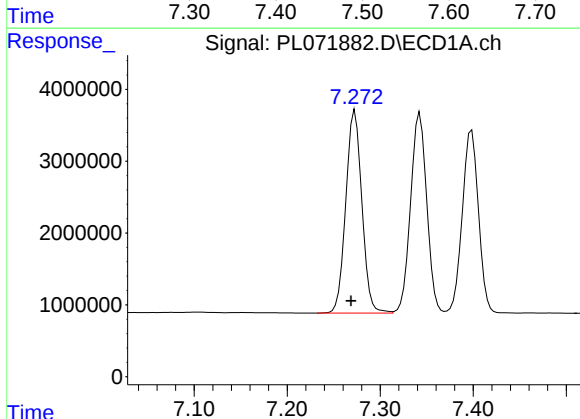
R.T.: 0.000 min  
Exp R.T.: 6.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



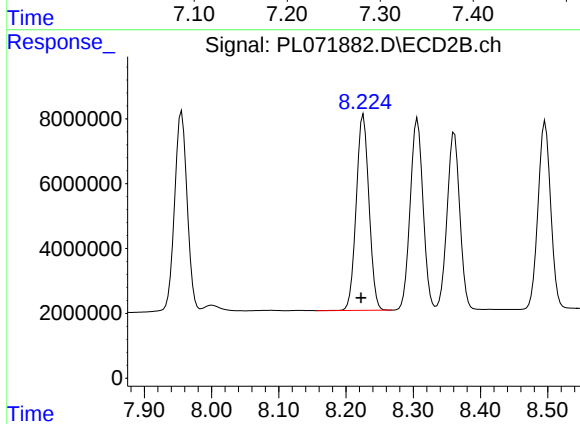
#24 Chlordane-2

R.T.: 7.488 min  
Delta R.T.: 0.022 min  
Response: 89783478  
Conc: 1658.73 ng/ml



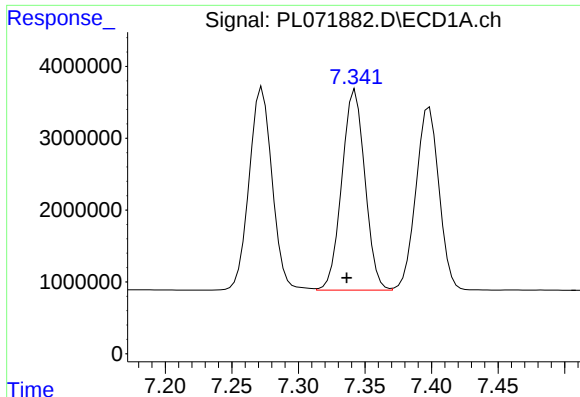
#25 Chlordane-3

R.T.: 7.273 min  
Delta R.T.: 0.004 min  
Response: 33925517  
Conc: 522.09 ng/ml



#25 Chlordane-3

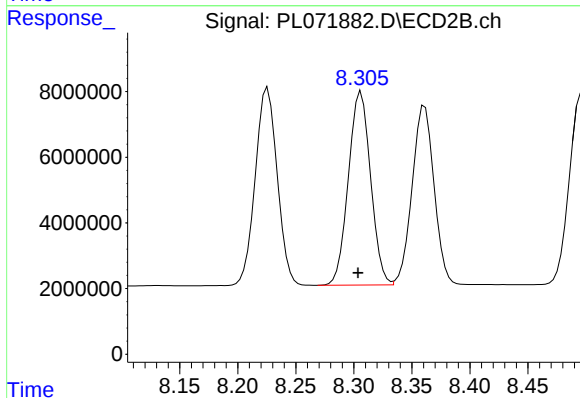
R.T.: 8.226 min  
Delta R.T.: 0.003 min  
Response: 79531026  
Conc: 389.64 ng/ml



#26 Chlordane-4

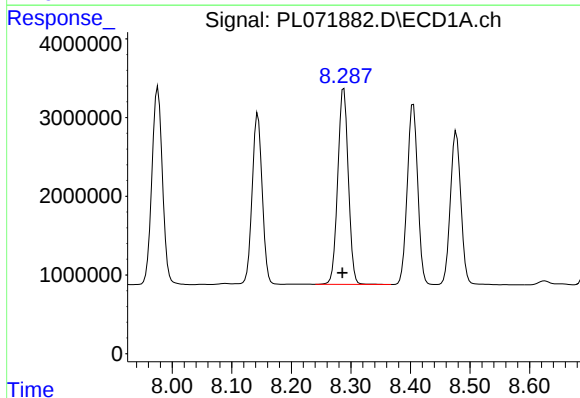
R.T.: 7.343 min  
Delta R.T.: 0.006 min  
Response: 33703717  
Conc: 479.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



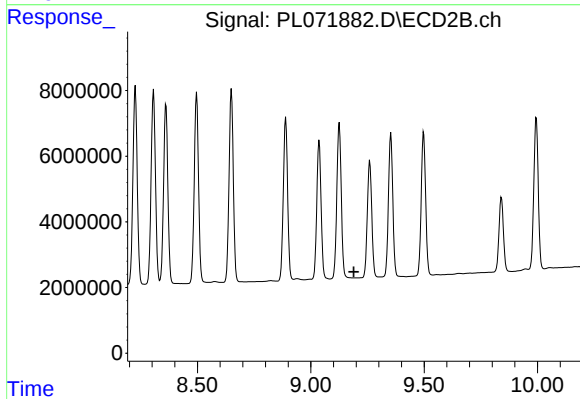
#26 Chlordane-4

R.T.: 8.306 min  
Delta R.T.: 0.003 min  
Response: 78507297  
Conc: 322.52 ng/ml



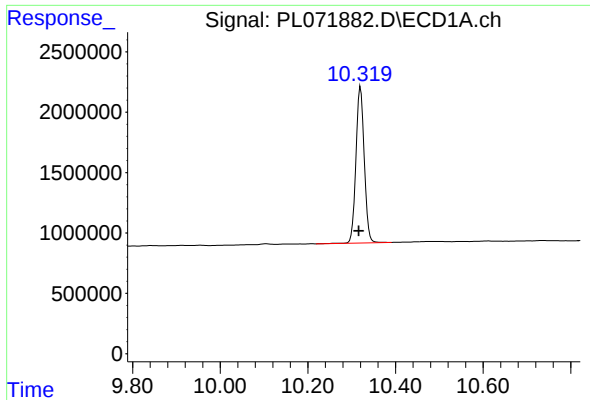
#27 Chlordane-5

R.T.: 8.288 min  
Delta R.T.: 0.002 min  
Response: 30662817  
Conc: 1284.37 ng/ml



#27 Chlordane-5

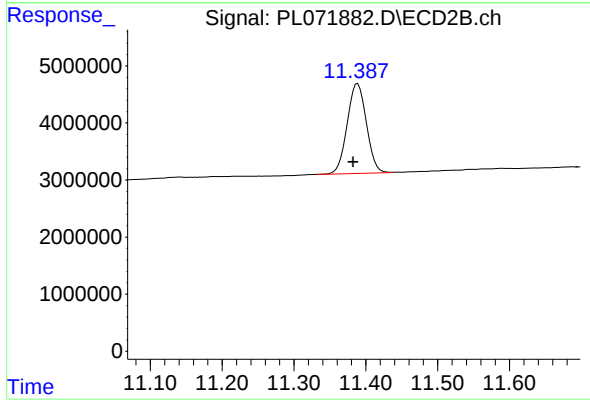
R.T.: 0.000 min  
Exp R.T. : 9.190 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.320 min  
Delta R.T.: 0.004 min  
Response: 17093507  
Conc: 23.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.389 min  
Delta R.T.: 0.007 min  
Response: 29178449  
Conc: 24.62 ng/ml