

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112421\  
 Data File : PL071162.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Nov 2021 17:07  
 Operator : AR\AJ  
 Sample : PB140995BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 25 05:08:12 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... | 4.564  | 5.499  | 8963983  | 24019880 | 18.301   | 19.050     |
| 28)                         | SA Decachlor... | 10.326 | 11.389 | 14577224 | 27088433 | 21.334   | 20.255     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.271  | 6.080  | 30488649 | 88824388 | 45.546   | 48.253     |
| 3)                          | MA gamma-BHC... | 5.693  | 6.476  | 30317613 | 84784831 | 45.197   | 48.894     |
| 4)                          | MA Heptachlor   | 6.100  | 7.122  | 33294310 | 87666335 | 46.402   | 53.973     |
| 5)                          | MB Aldrin       | 6.424  | 7.492  | 29452575 | 79585011 | 46.058   | 49.011     |
| 6)                          | B beta-BHC      | 6.076  | 6.732  | 14080017 | 38821034 | 43.345   | 45.308     |
| 7)                          | B delta-BHC     | 6.335  | 6.998  | 30532575 | 83935690 | 46.135   | 50.193     |
| 8)                          | B Heptachlo...  | 7.001  | 7.958  | 29837786 | 75326822 | 45.894   | 49.422     |
| 9)                          | A Endosulfan I  | 7.403  | 8.363  | 28155559 | 70000196 | 45.963   | 48.658     |
| 10)                         | B gamma-Chl...  | 7.278  | 8.228  | 30036246 | 75204054 | 45.247   | 48.570     |
| 11)                         | B alpha-Chl...  | 7.348  | 8.309  | 30336692 | 74210262 | 45.526   | 48.791     |
| 12)                         | B 4,4'-DDE      | 7.563  | 8.498  | 26857007 | 72801069 | 46.096   | 49.339     |
| 13)                         | MA Dieldrin     | 7.689  | 8.652  | 28672113 | 72831301 | 45.933   | 49.983     |
| 14)                         | MA Endrin       | 7.981  | 8.891  | 26917266 | 62122194 | 47.476   | 53.632     |
| 15)                         | B Endosulfa...  | 8.292  | 9.126  | 26386529 | 60455905 | 43.589   | 49.499     |
| 16)                         | A 4,4'-DDD      | 8.149  | 9.037  | 23775693 | 55775380 | 46.794   | 46.347     |
| 17)                         | MA 4,4'-DDT     | 8.409  | 9.354  | 26175996 | 64237158 | 47.595   | 50.918     |
| 18)                         | B Endrin al...  | 8.481  | 9.260  | 21562395 | 48875974 | 47.461   | 50.541     |
| 19)                         | B Endosulfa...  | 8.712  | 9.498  | 28261847 | 60538049 | 45.813   | 48.845     |
| 20)                         | A Methoxychlor  | 9.005  | 9.841  | 16833814 | 32373229 | 46.014   | 47.833     |
| 21)                         | B Endrin ke...  | 9.229  | 9.994  | 34938414 | 67405355 | 48.861   | 46.956     |
| 22)                         | Mirex           | 9.412  | 10.459 | 28724761 | 50837107 | 46.773   | 48.806     |
| 24)                         | Chlordane-2     | 0.000  | 7.492f | 0        | 79585011 | N.D.     | 1517.208 # |
| 25)                         | Chlordane-3     | 7.278  | 8.228  | 30036246 | 75204054 | 491.970  | 372.061    |
| 26)                         | Chlordane-4     | 7.348  | 8.309  | 30336692 | 74210262 | 462.095  | 305.806 #  |
| 27)                         | Chlordane-5     | 8.292  | 0.000  | 26386529 | 0        | 1180.189 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

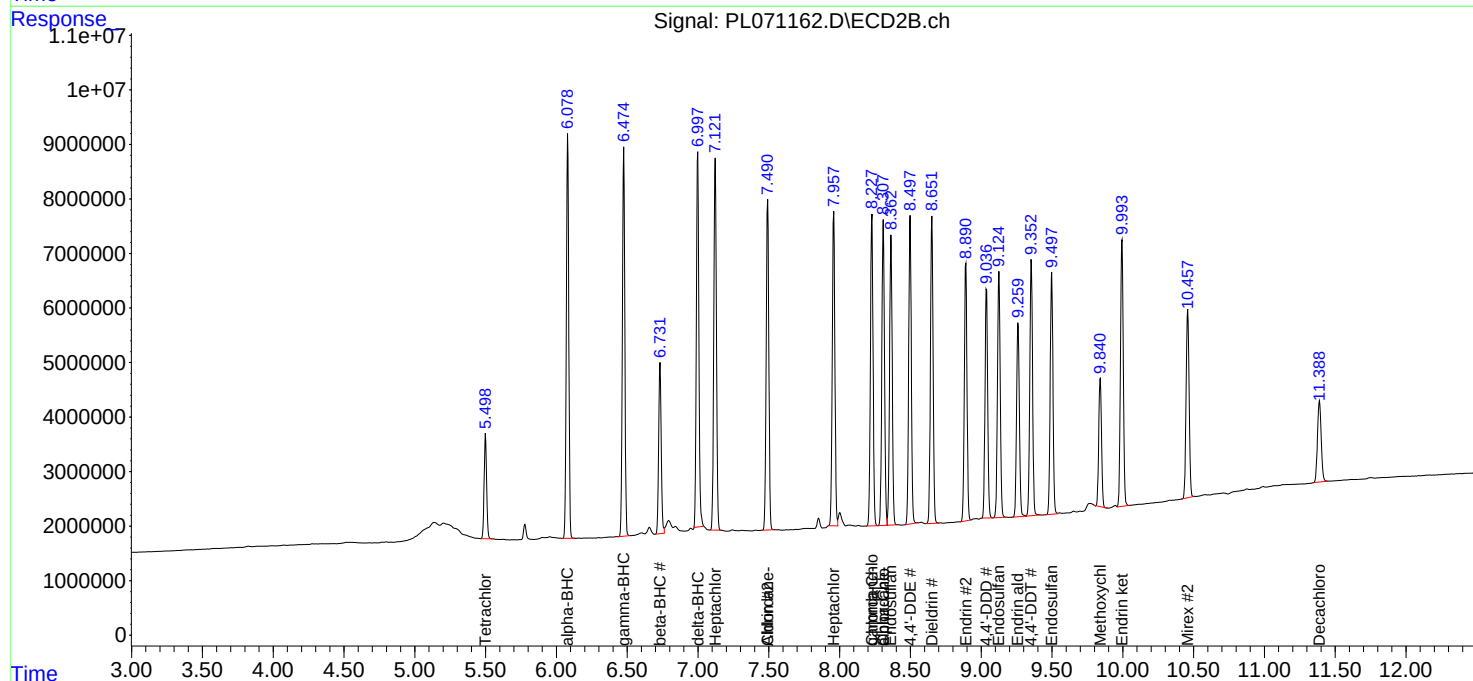
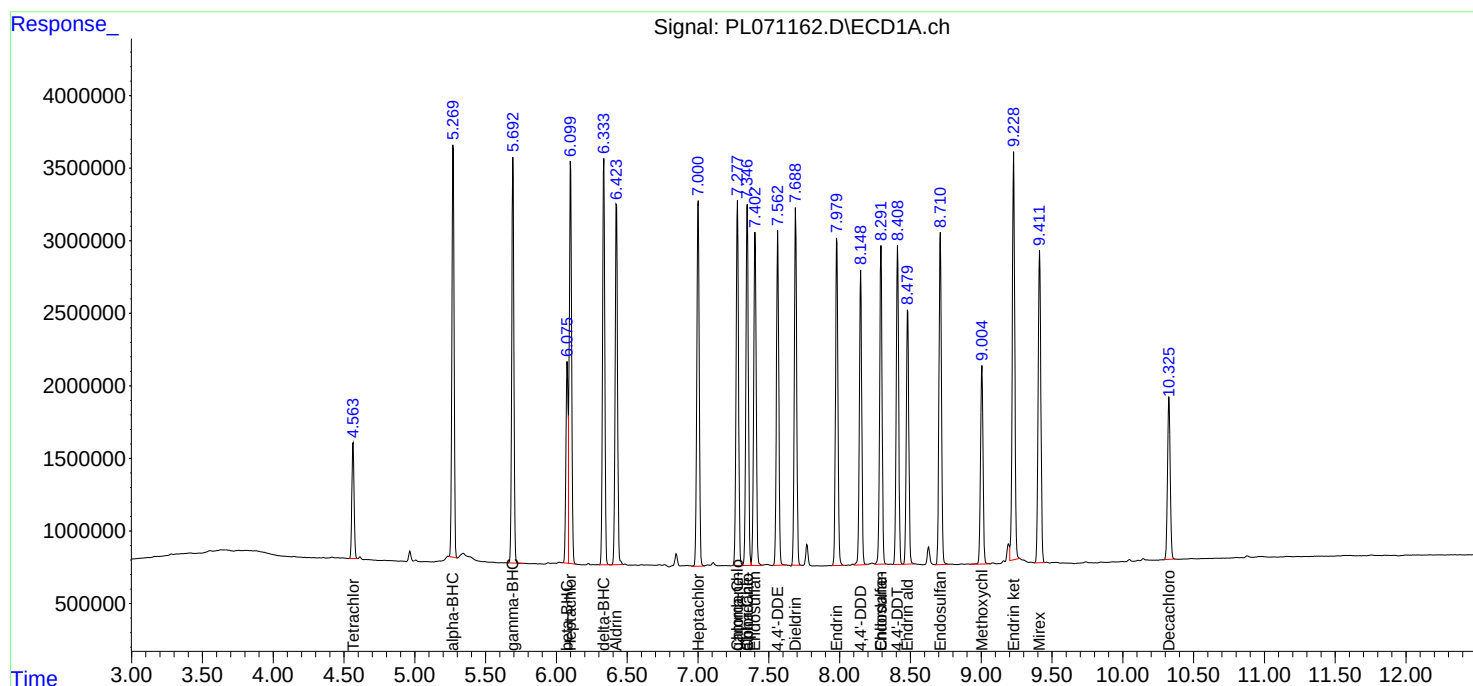
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

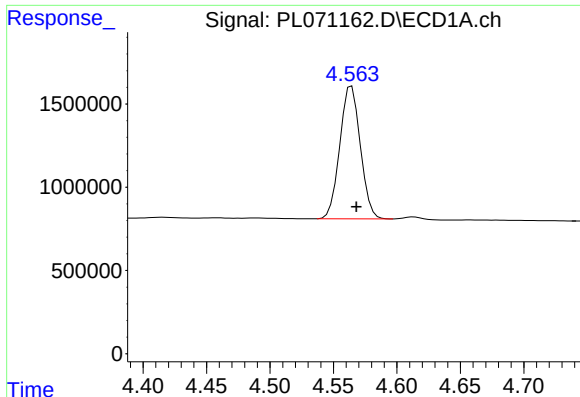
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112421\  
Data File : PL071162.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Nov 2021 17:07  
Operator : AR\AJ  
Sample : PB140995BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 25 05:08:12 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

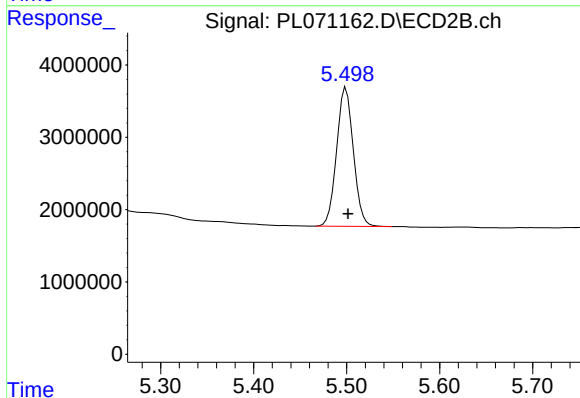




#1 Tetrachloro-m-xylene

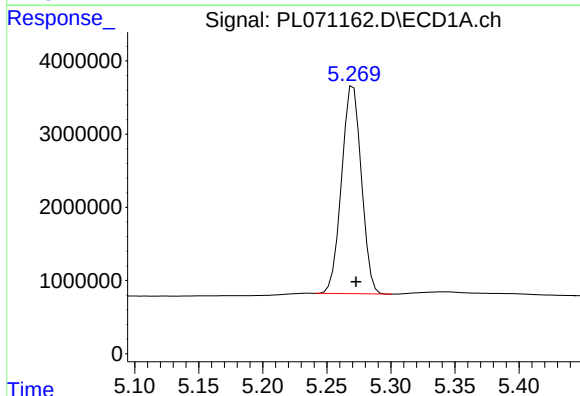
R.T.: 4.564 min  
Delta R.T.: -0.004 min  
Response: 8963983  
Conc: 18.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



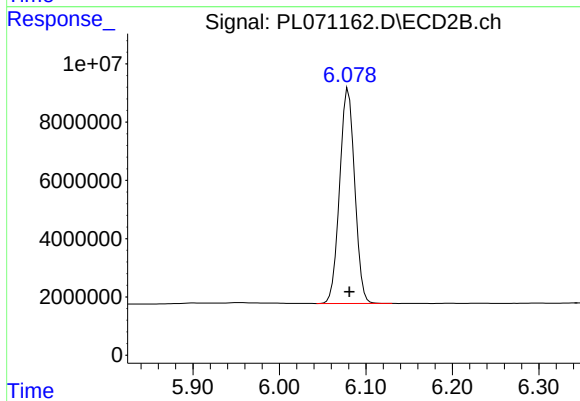
#1 Tetrachloro-m-xylene

R.T.: 5.499 min  
Delta R.T.: -0.002 min  
Response: 24019880  
Conc: 19.05 ng/ml



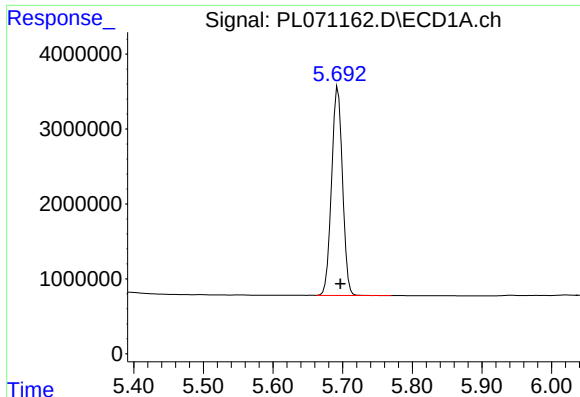
#2 alpha-BHC

R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 30488649  
Conc: 45.55 ng/ml



#2 alpha-BHC

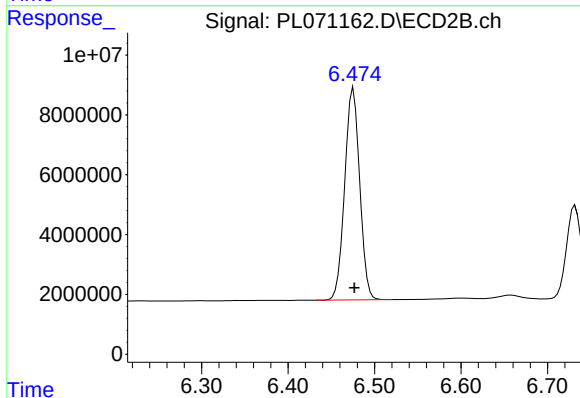
R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 88824388  
Conc: 48.25 ng/ml



#3 gamma-BHC (Lindane)

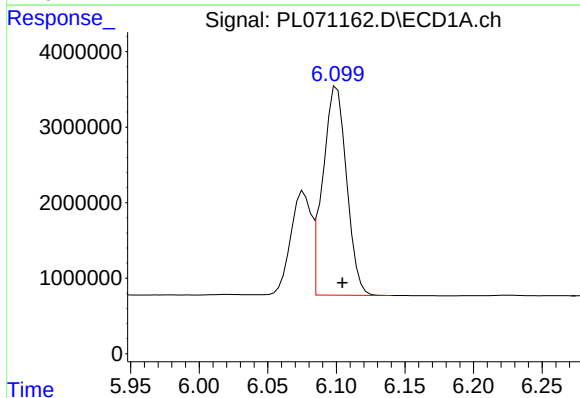
R.T.: 5.693 min  
Delta R.T.: -0.003 min  
Response: 30317613  
Conc: 45.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



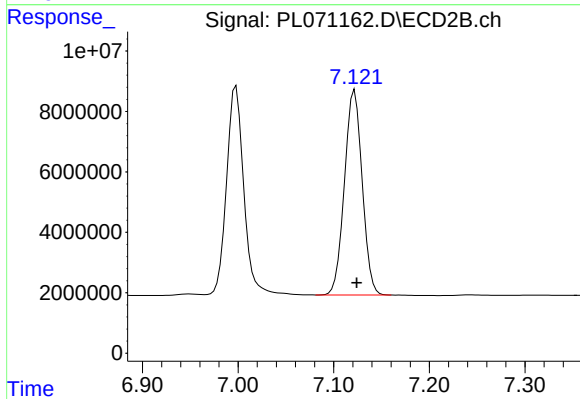
#3 gamma-BHC (Lindane)

R.T.: 6.476 min  
Delta R.T.: -0.001 min  
Response: 84784831  
Conc: 48.89 ng/ml



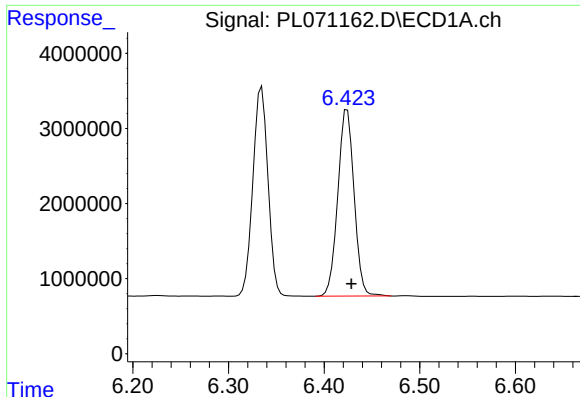
#4 Heptachlor

R.T.: 6.100 min  
Delta R.T.: -0.004 min  
Response: 33294310  
Conc: 46.40 ng/ml



#4 Heptachlor

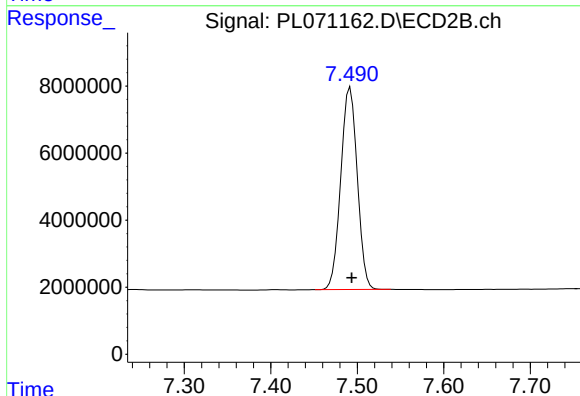
R.T.: 7.122 min  
Delta R.T.: -0.002 min  
Response: 87666335  
Conc: 53.97 ng/ml



#5 Aldrin

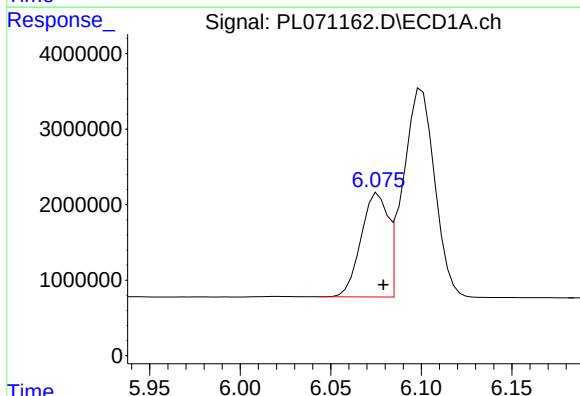
R.T.: 6.424 min  
Delta R.T.: -0.004 min  
Response: 29452575  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



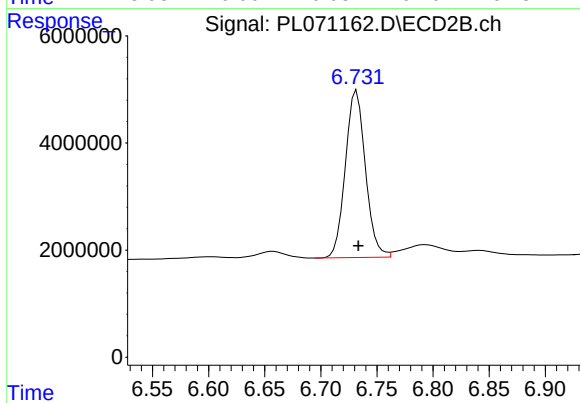
#5 Aldrin

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 79585011  
Conc: 49.01 ng/ml



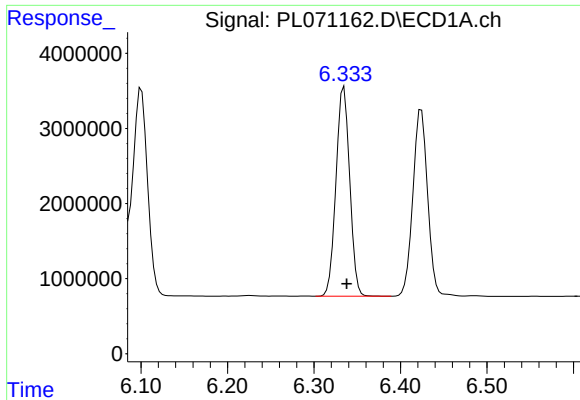
#6 beta-BHC

R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 14080017  
Conc: 43.35 ng/ml



#6 beta-BHC

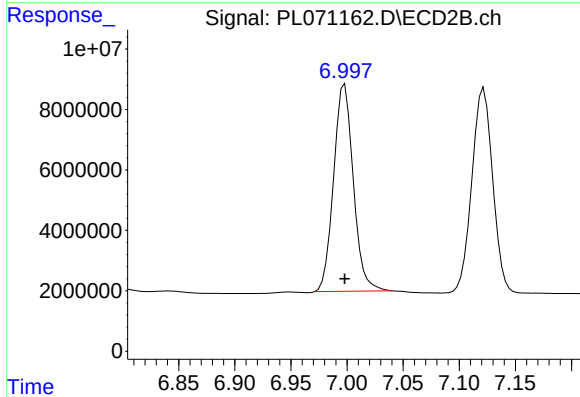
R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 38821034  
Conc: 45.31 ng/ml



#7 delta-BHC

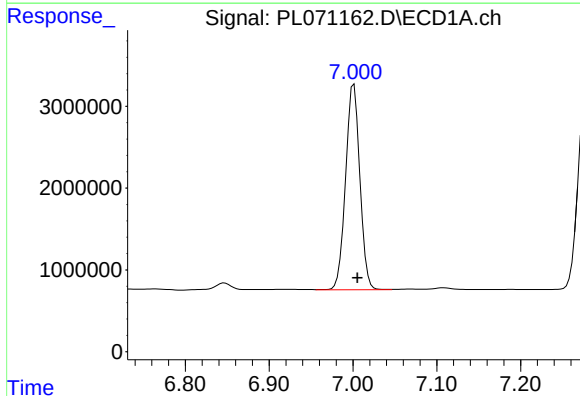
R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 30532575  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



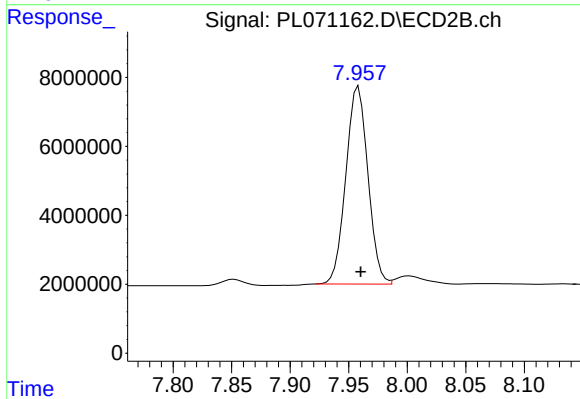
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 83935690  
Conc: 50.19 ng/ml



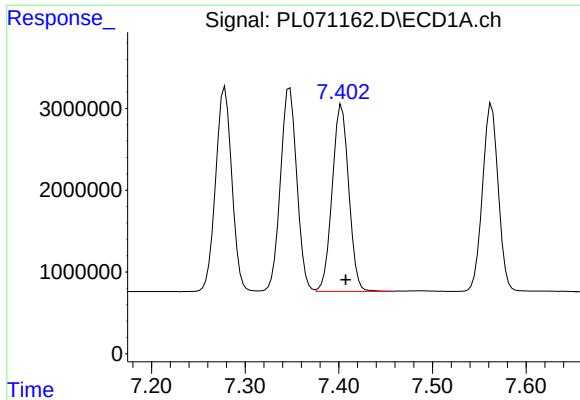
#8 Heptachlor epoxide

R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 29837786  
Conc: 45.89 ng/ml



#8 Heptachlor epoxide

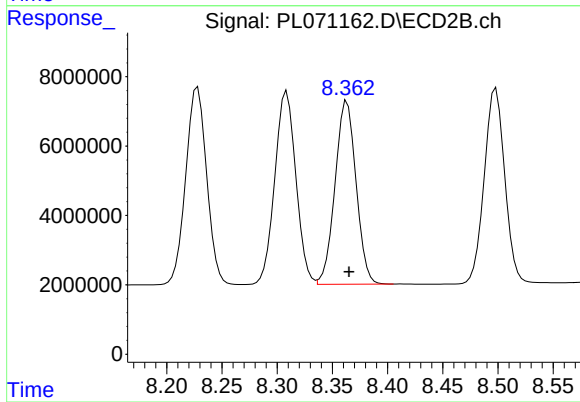
R.T.: 7.958 min  
Delta R.T.: -0.002 min  
Response: 75326822  
Conc: 49.42 ng/ml



#9 Endosulfan I

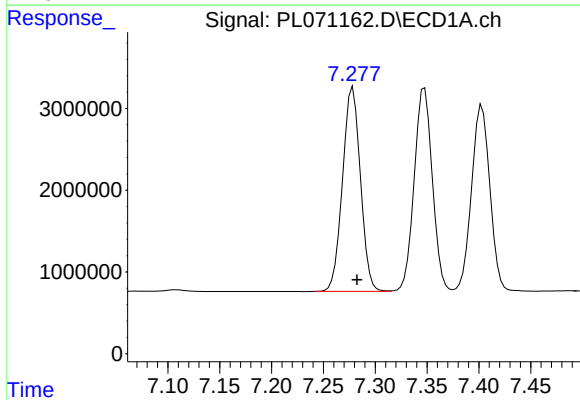
R.T.: 7.403 min  
Delta R.T.: -0.004 min  
Response: 28155559  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



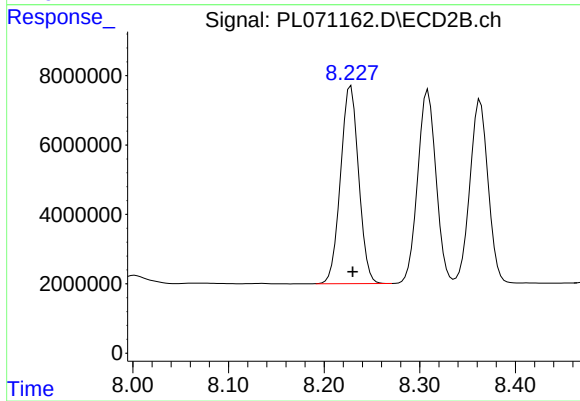
#9 Endosulfan I

R.T.: 8.363 min  
Delta R.T.: -0.002 min  
Response: 70000196  
Conc: 48.66 ng/ml



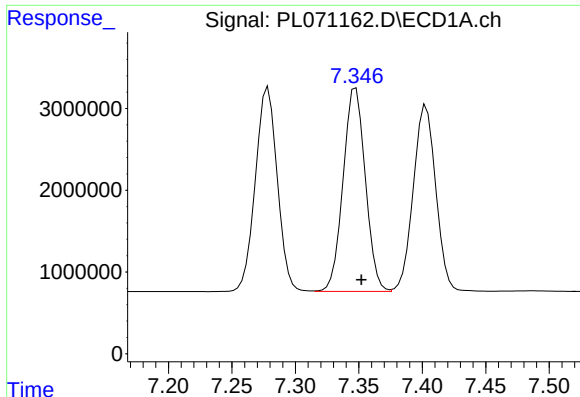
#10 gamma-Chlordane

R.T.: 7.278 min  
Delta R.T.: -0.004 min  
Response: 30036246  
Conc: 45.25 ng/ml



#10 gamma-Chlordane

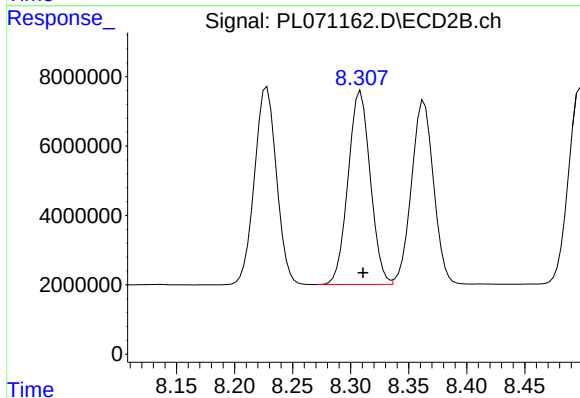
R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 75204054  
Conc: 48.57 ng/ml



#11 alpha-Chlordane

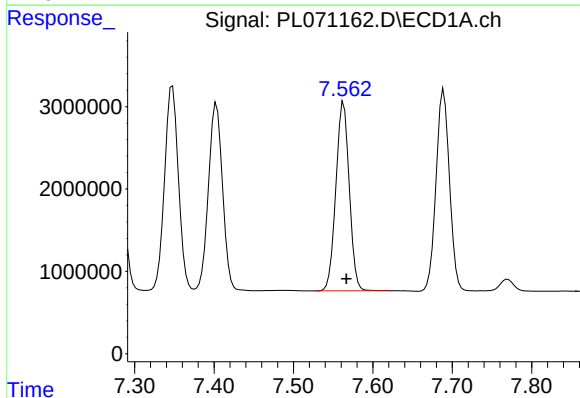
R.T.: 7.348 min  
Delta R.T.: -0.004 min  
Response: 30336692  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



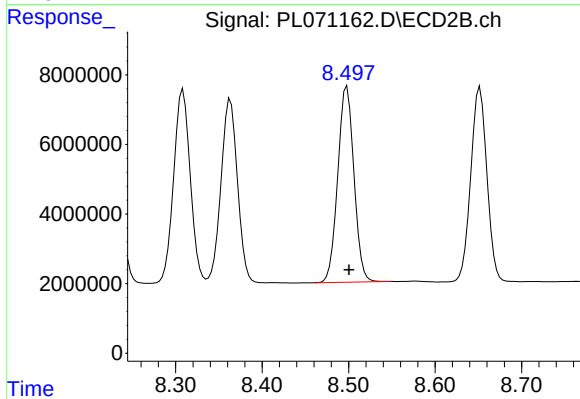
#11 alpha-Chlordane

R.T.: 8.309 min  
Delta R.T.: -0.002 min  
Response: 74210262  
Conc: 48.79 ng/ml



#12 4,4'-DDE

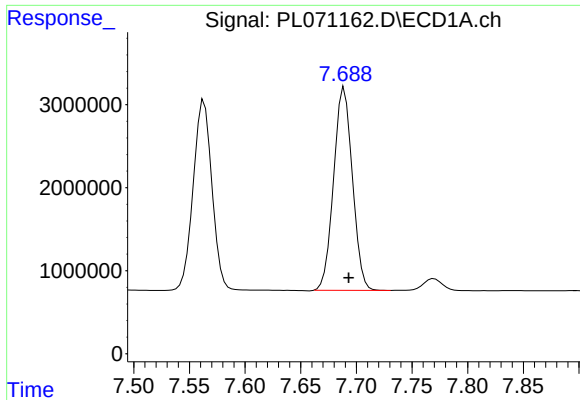
R.T.: 7.563 min  
Delta R.T.: -0.004 min  
Response: 26857007  
Conc: 46.10 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 72801069  
Conc: 49.34 ng/ml

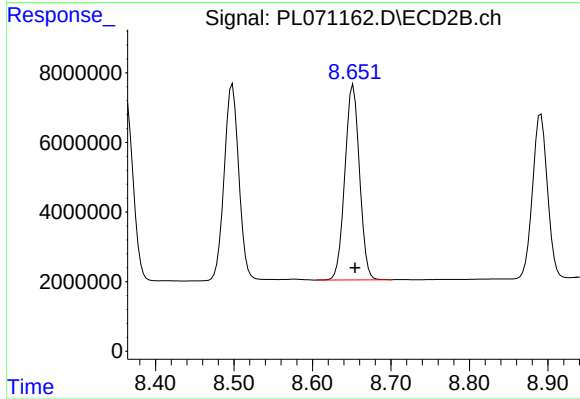




#13 Dieldrin

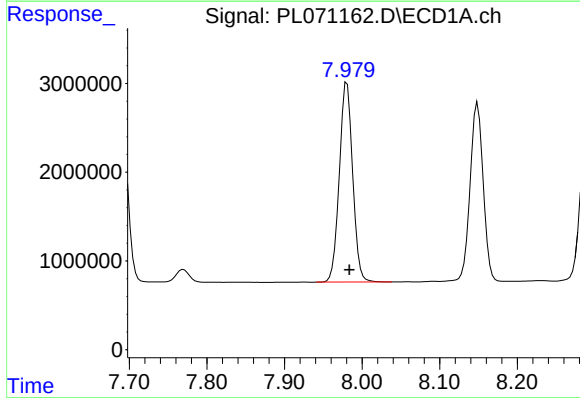
R.T.: 7.689 min  
Delta R.T.: -0.004 min  
Response: 28672113  
Conc: 45.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



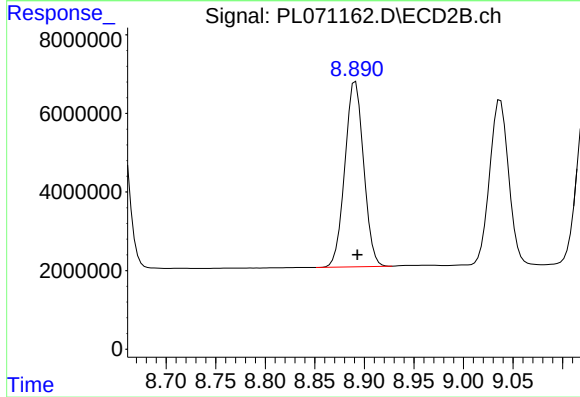
#13 Dieldrin

R.T.: 8.652 min  
Delta R.T.: -0.002 min  
Response: 72831301  
Conc: 49.98 ng/ml



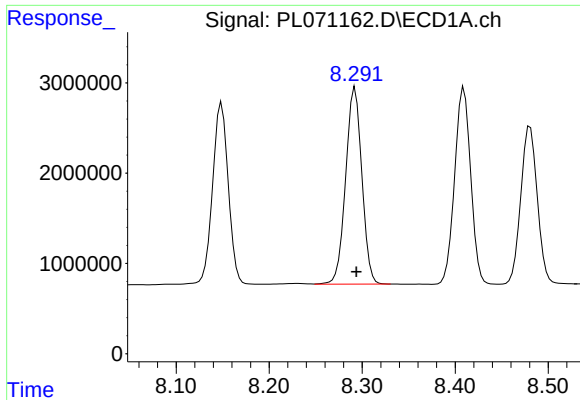
#14 Endrin

R.T.: 7.981 min  
Delta R.T.: -0.003 min  
Response: 26917266  
Conc: 47.48 ng/ml



#14 Endrin

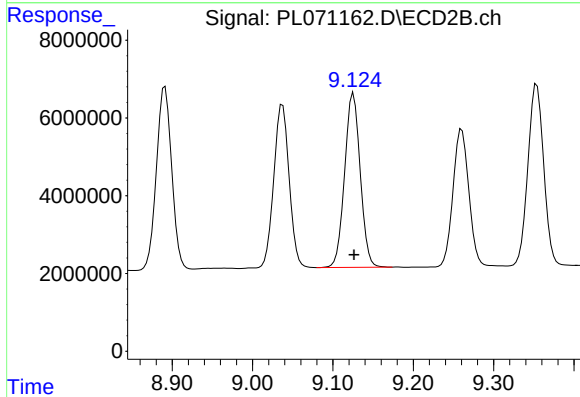
R.T.: 8.891 min  
Delta R.T.: -0.002 min  
Response: 62122194  
Conc: 53.63 ng/ml



#15 Endosulfan II

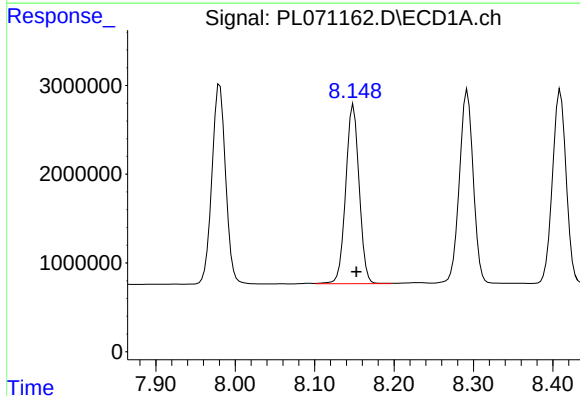
R.T.: 8.292 min  
Delta R.T.: -0.001 min  
Response: 26386529  
Conc: 43.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



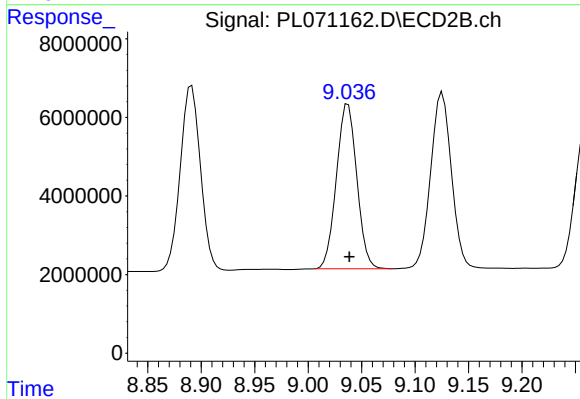
#15 Endosulfan II

R.T.: 9.126 min  
Delta R.T.: 0.000 min  
Response: 60455905  
Conc: 49.50 ng/ml



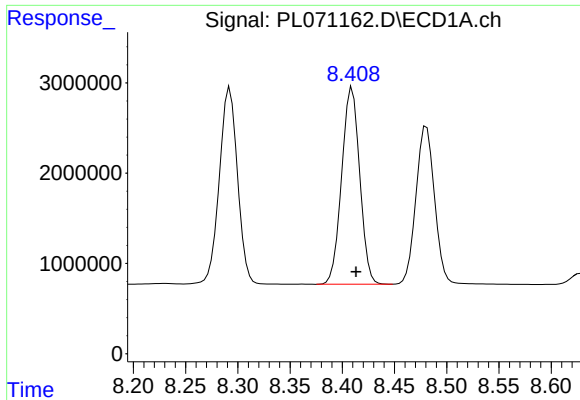
#16 4,4'-DDD

R.T.: 8.149 min  
Delta R.T.: -0.003 min  
Response: 23775693  
Conc: 46.79 ng/ml



#16 4,4'-DDD

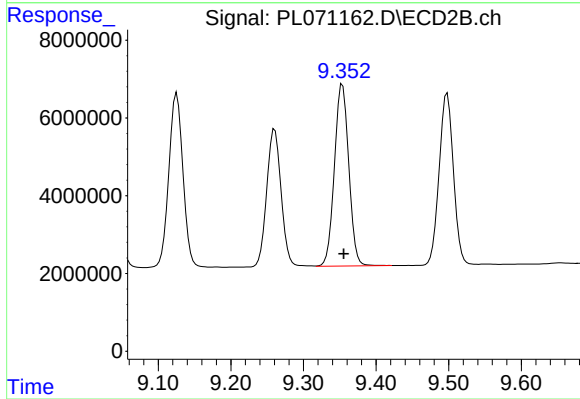
R.T.: 9.037 min  
Delta R.T.: -0.001 min  
Response: 55775380  
Conc: 46.35 ng/ml



#17 4,4'-DDT

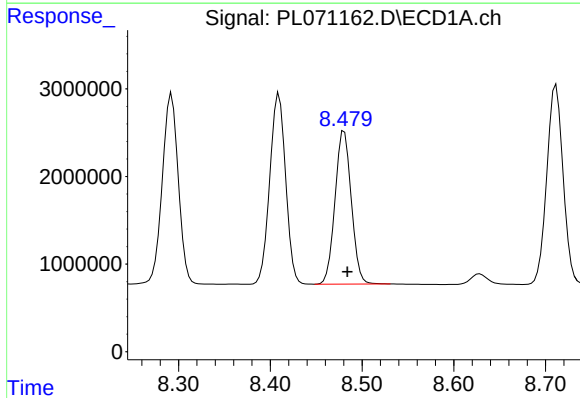
R.T.: 8.409 min  
Delta R.T.: -0.004 min  
Response: 26175996  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



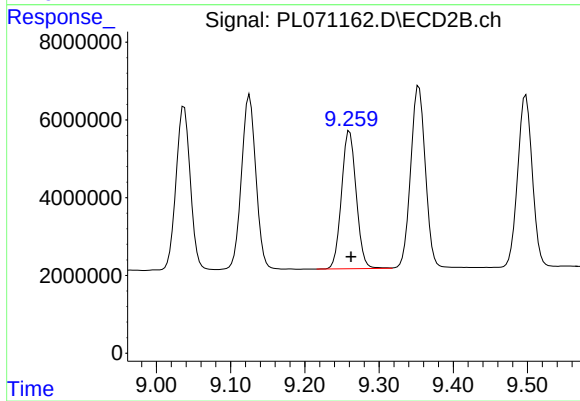
#17 4,4'-DDT

R.T.: 9.354 min  
Delta R.T.: -0.002 min  
Response: 64237158  
Conc: 50.92 ng/ml



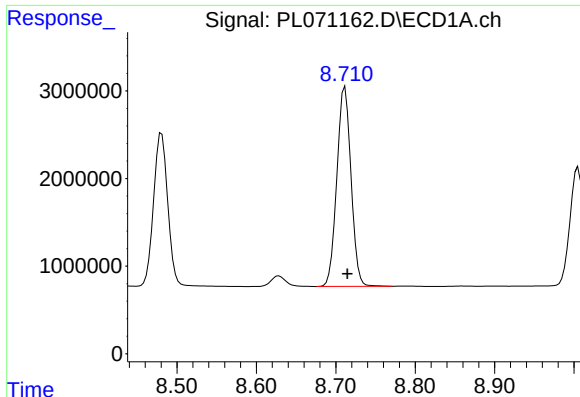
#18 Endrin aldehyde

R.T.: 8.481 min  
Delta R.T.: -0.004 min  
Response: 21562395  
Conc: 47.46 ng/ml



#18 Endrin aldehyde

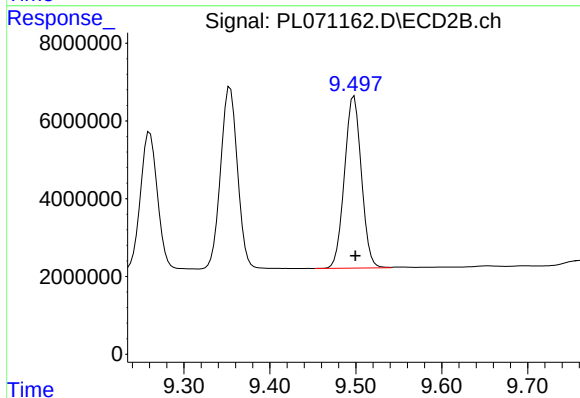
R.T.: 9.260 min  
Delta R.T.: -0.002 min  
Response: 48875974  
Conc: 50.54 ng/ml



#19 Endosulfan Sulfate

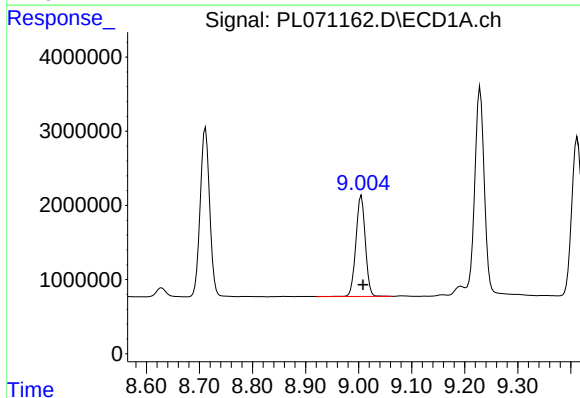
R.T.: 8.712 min  
Delta R.T.: -0.003 min  
Response: 28261847  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



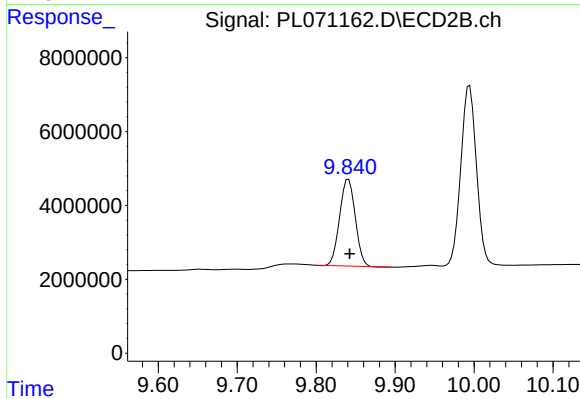
#19 Endosulfan Sulfate

R.T.: 9.498 min  
Delta R.T.: -0.001 min  
Response: 60538049  
Conc: 48.84 ng/ml



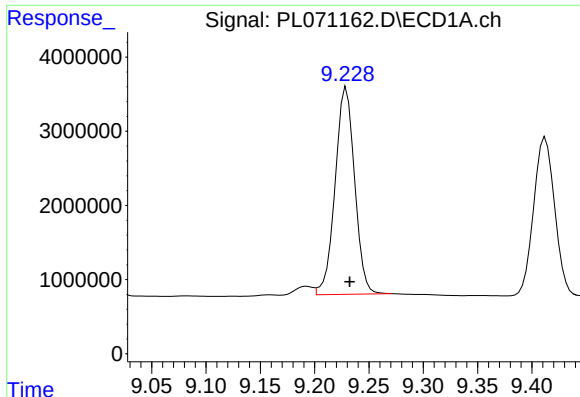
#20 Methoxychlor

R.T.: 9.005 min  
Delta R.T.: -0.004 min  
Response: 16833814  
Conc: 46.01 ng/ml



#20 Methoxychlor

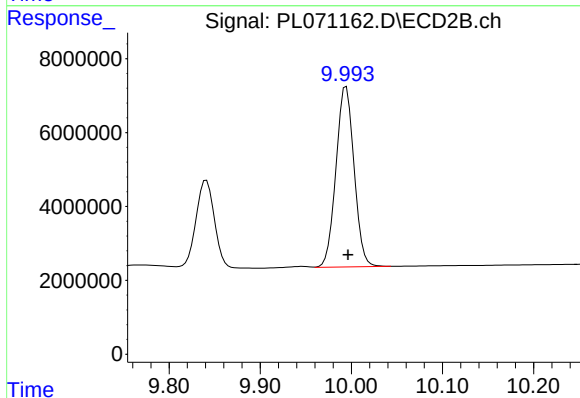
R.T.: 9.841 min  
Delta R.T.: -0.002 min  
Response: 32373229  
Conc: 47.83 ng/ml



#21 Endrin ketone

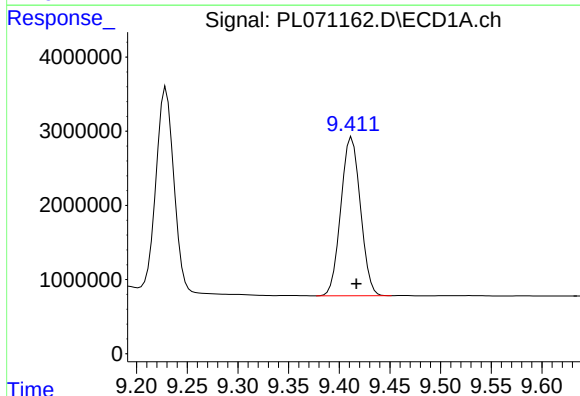
R.T.: 9.229 min  
Delta R.T.: -0.003 min  
Response: 34938414  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



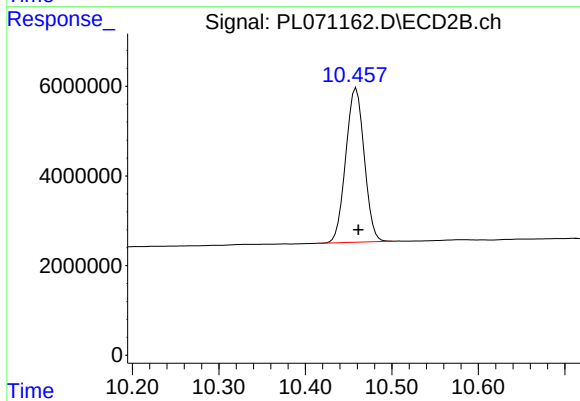
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: -0.002 min  
Response: 67405355  
Conc: 46.96 ng/ml



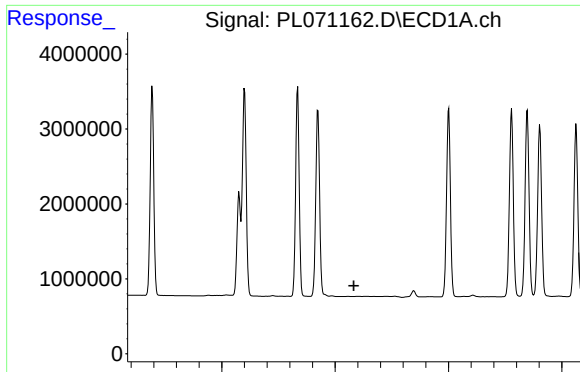
#22 Mirex

R.T.: 9.412 min  
Delta R.T.: -0.004 min  
Response: 28724761  
Conc: 46.77 ng/ml



#22 Mirex

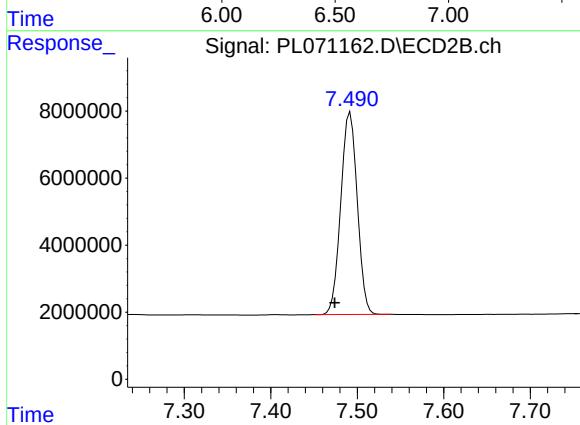
R.T.: 10.459 min  
Delta R.T.: -0.003 min  
Response: 50837107  
Conc: 48.81 ng/ml



#24 Chlordane-2

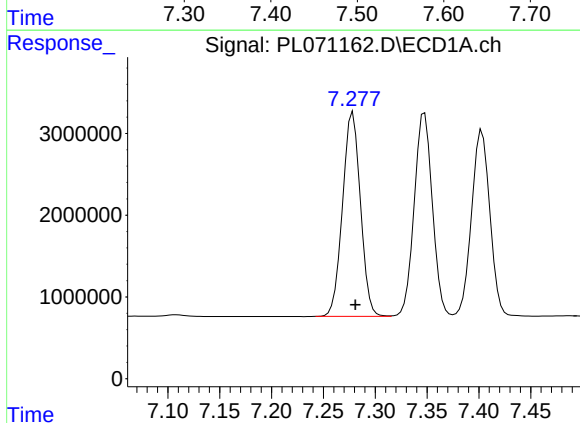
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



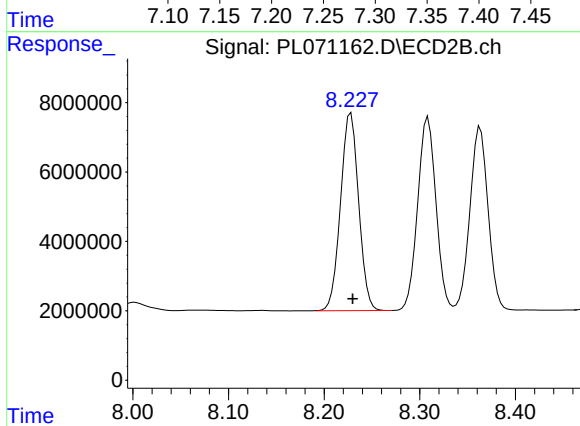
#24 Chlordane-2

R.T.: 7.492 min  
Delta R.T.: 0.018 min  
Response: 79585011  
Conc: 1517.21 ng/ml



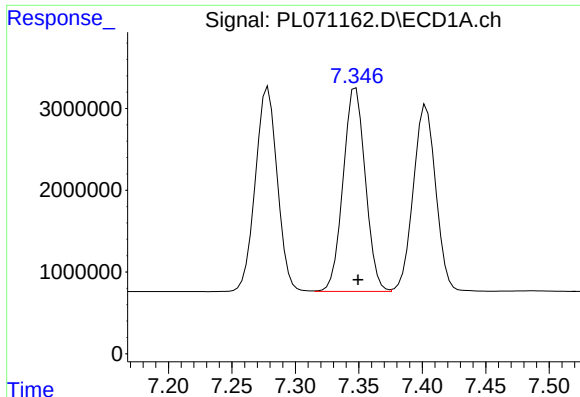
#25 Chlordane-3

R.T.: 7.278 min  
Delta R.T.: -0.002 min  
Response: 30036246  
Conc: 491.97 ng/ml



#25 Chlordane-3

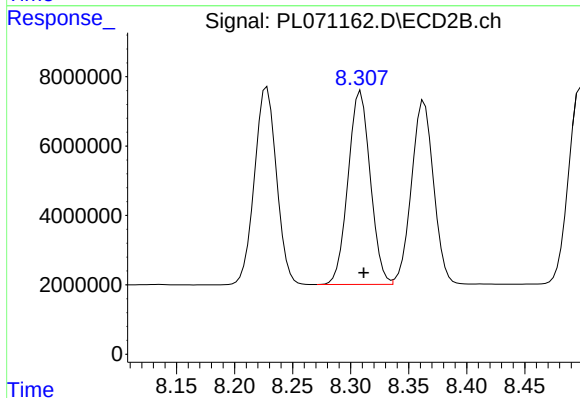
R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 75204054  
Conc: 372.06 ng/ml



#26 Chlordane-4

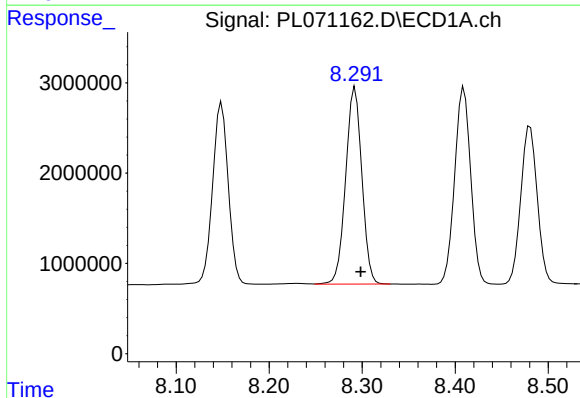
R.T.: 7.348 min  
Delta R.T.: -0.002 min  
Response: 30336692  
Conc: 462.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



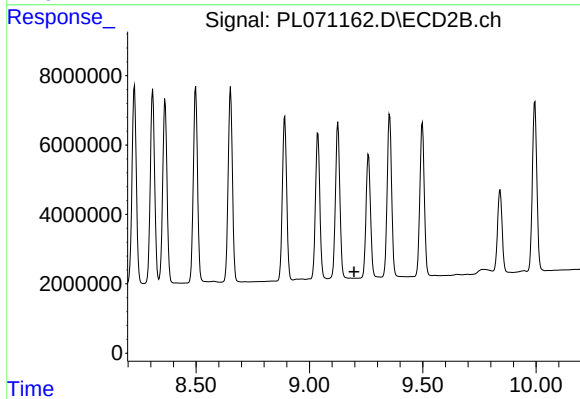
#26 Chlordane-4

R.T.: 8.309 min  
Delta R.T.: -0.003 min  
Response: 74210262  
Conc: 305.81 ng/ml



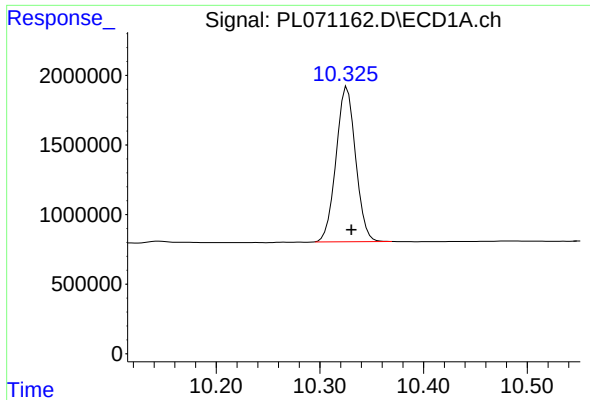
#27 Chlordane-5

R.T.: 8.292 min  
Delta R.T.: -0.006 min  
Response: 26386529  
Conc: 1180.19 ng/ml



#27 Chlordane-5

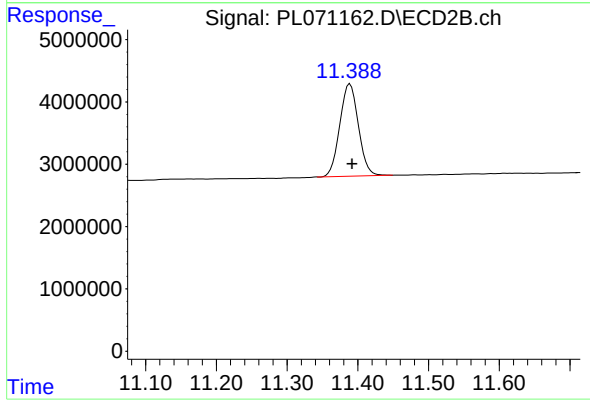
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.326 min  
Delta R.T.: -0.004 min  
Response: 14577224  
Conc: 21.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.389 min  
Delta R.T.: -0.003 min  
Response: 27088433  
Conc: 20.25 ng/ml