

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041522\  
 Data File : PL074129.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2022 00:23  
 Operator : AR\AJ  
 Sample : PB144161BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 03:45:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 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... | 4.637  | 5.490  | 7697857  | 41923720 | 23.824   | 23.513     |
| 28)                         | SA Decachlor... | 10.410 | 11.333 | 11672039 | 38683716 | 22.445   | 21.901     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.054  | 24492323 | 157.6E6  | 58.362   | 62.588     |
| 3)                          | MA gamma-BHC... | 5.769  | 6.443  | 24407731 | 147.8E6  | 58.197   | 62.442     |
| 4)                          | MA Heptachlor   | 6.179  | 7.102  | 25588212 | 155.1E6  | 56.805   | 59.457     |
| 5)                          | MB Aldrin       | 6.504  | 7.470  | 23441695 | 147.6E6  | 56.479   | 62.850     |
| 6)                          | B beta-BHC      | 6.149  | 6.680  | 12126373 | 65764971 | 59.348   | 58.353     |
| 7)                          | B delta-BHC     | 6.411  | 6.947  | 23664373 | 146.9E6  | 57.206   | 60.137     |
| 8)                          | B Heptachlo...  | 7.081  | 7.926  | 25113641 | 140.7E6  | 58.549   | 62.511     |
| 9)                          | A Endosulfan I  | 7.484  | 8.327  | 23908942 | 124.1E6  | 58.297   | 63.019     |
| 10)                         | B gamma-Chl...  | 7.359  | 8.194  | 25300379 | 136.8E6  | 57.686   | 61.347     |
| 11)                         | B alpha-Chl...  | 7.428  | 8.277  | 25605543 | 133.8E6  | 57.961   | 62.176     |
| 12)                         | B 4,4'-DDE      | 7.642  | 8.462  | 21957071 | 127.1E6  | 60.186   | 63.822     |
| 13)                         | MA Dieldrin     | 7.771  | 8.612  | 23120255 | 124.5E6  | 53.822   | 62.068     |
| 14)                         | MA Endrin       | 8.062  | 8.846  | 23904246 | 104.9E6  | 58.844   | 61.930     |
| 15)                         | B Endosulfa...  | 8.372  | 9.070  | 23252572 | 100.8E6  | 56.416   | 58.028     |
| 16)                         | A 4,4'-DDD      | 8.228  | 8.989  | 20710168 | 108.2E6  | 64.133   | 70.292     |
| 17)                         | MA 4,4'-DDT     | 8.490  | 9.308  | 20076130 | 94498955 | 54.313   | 53.309     |
| 18)                         | B Endrin al...  | 8.561  | 9.203  | 18748859 | 76999539 | 57.947   | 59.615     |
| 19)                         | B Endosulfa...  | 8.792  | 9.441  | 24314714 | 96861151 | 56.940   | 58.198     |
| 20)                         | A Methoxychlor  | 9.085  | 9.788  | 13214918 | 53619304 | 53.228   | 55.746     |
| 21)                         | B Endrin ke...  | 9.311  | 9.929  | 32317693 | 98524679 | 66.150   | 56.920     |
| 22)                         | Mirex           | 9.499  | 10.406 | 28396418 | 87405765 | 60.884   | 63.457     |
| 23)                         | Chlordane-1     | 0.000  | 6.855  | 0        | 337039   | N.D.     | 4.224 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.470f | 0        | 147.6E6  | N.D.     | 1786.247 # |
| 25)                         | Chlordane-3     | 7.359  | 8.194  | 25300379 | 136.8E6  | 584.818  | 404.452 #  |
| 26)                         | Chlordane-4     | 7.428  | 8.277  | 25605543 | 133.8E6  | 551.698  | 337.447 #  |
| 27)                         | Chlordane-5     | 8.372  | 0.000  | 23252572 | 0        | 1333.237 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

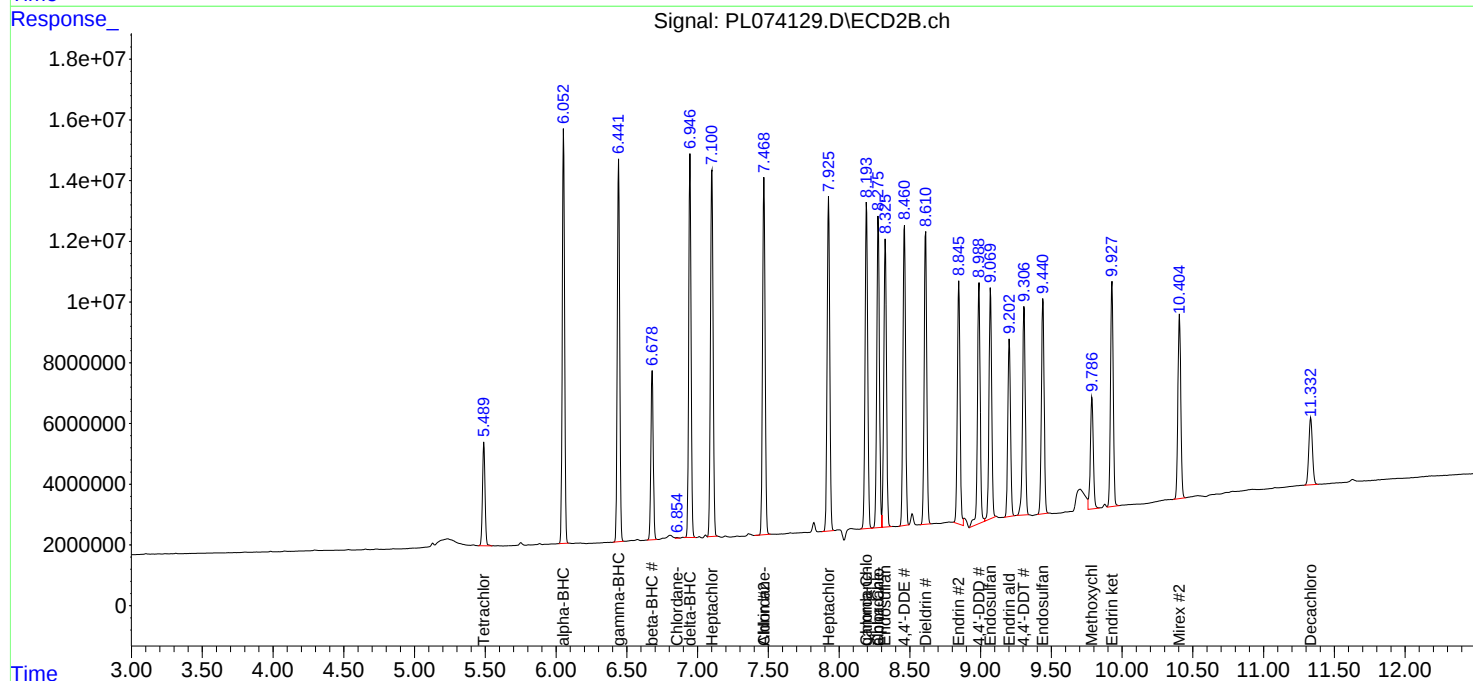
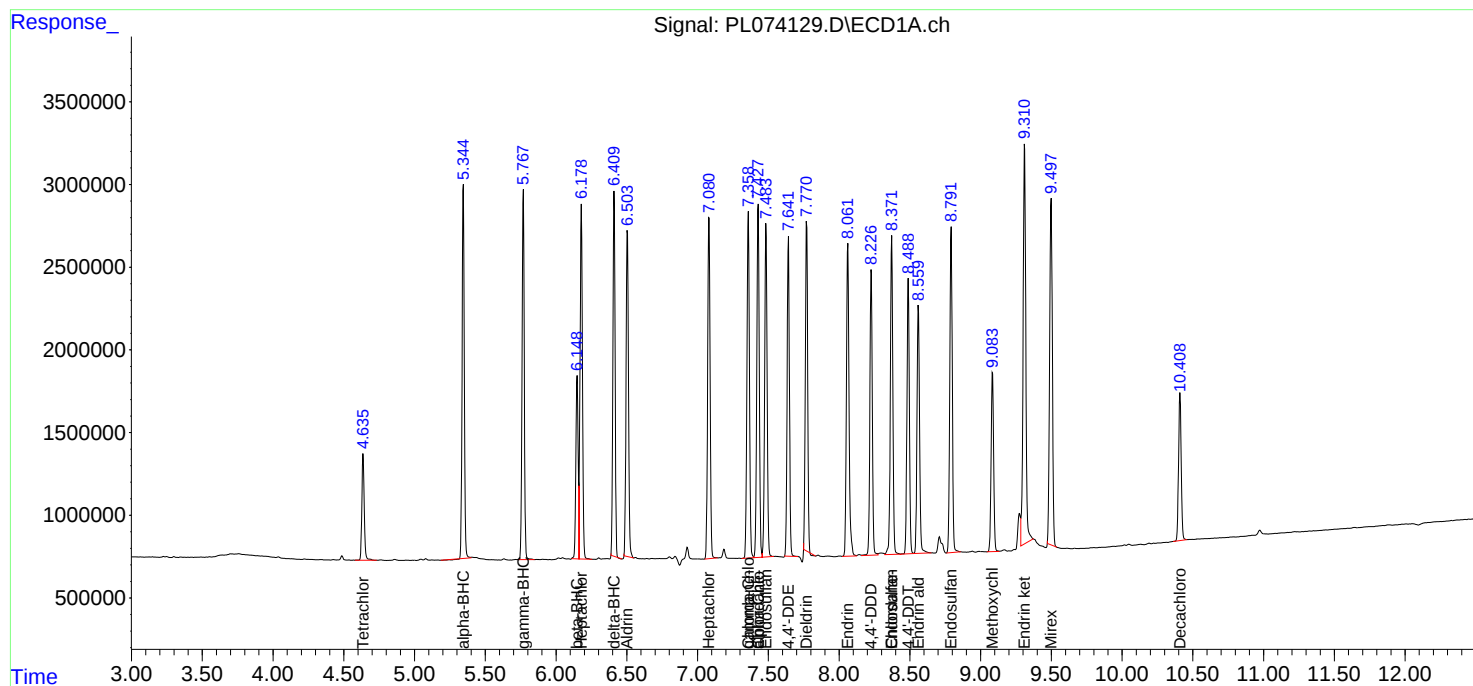
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

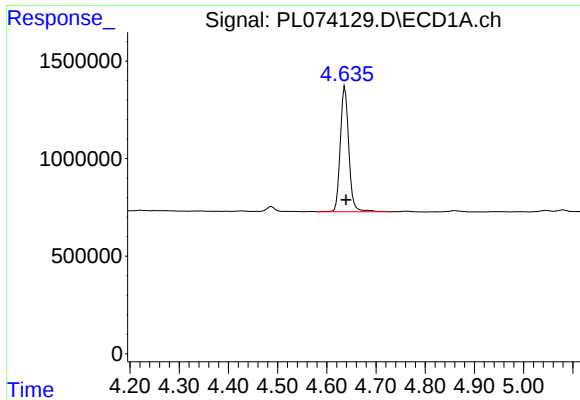
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041522\  
Data File : PL074129.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2022 00:23  
Operator : AR\AJ  
Sample : PB144161BS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 03:45:20 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 14 09:29:23 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

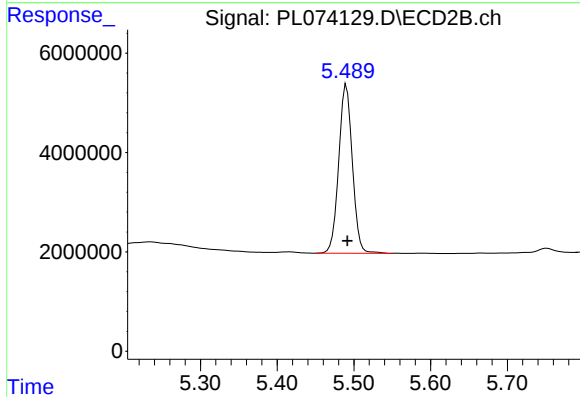




#1 Tetrachloro-m-xylene

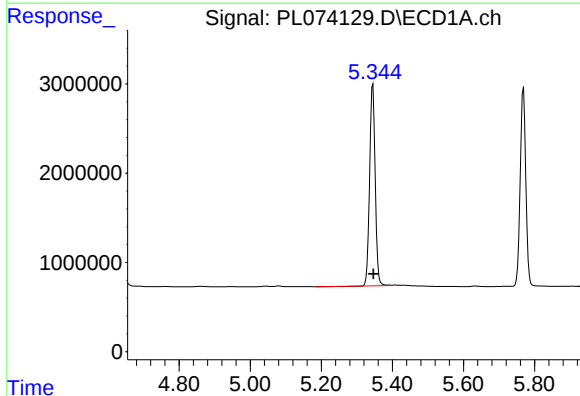
R.T.: 4.637 min  
Delta R.T.: -0.002 min  
Response: 7697857  
Conc: 23.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



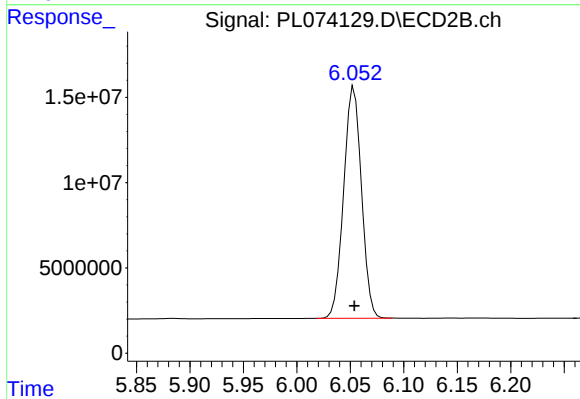
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.001 min  
Response: 41923720  
Conc: 23.51 ng/ml



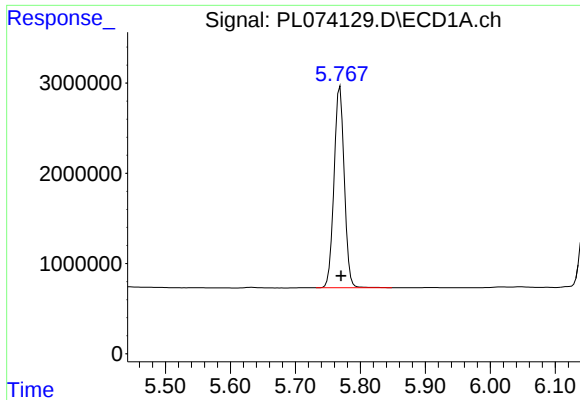
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 24492323  
Conc: 58.36 ng/ml



#2 alpha-BHC

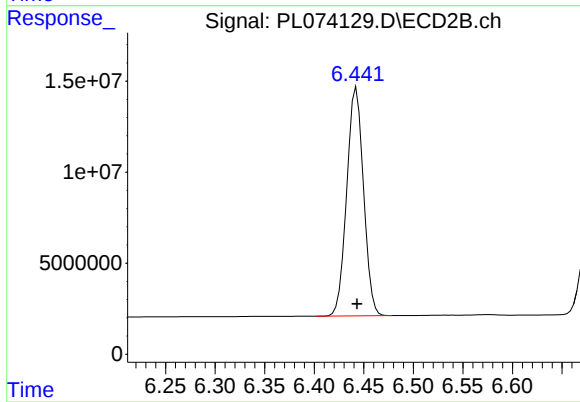
R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 157601785  
Conc: 62.59 ng/ml



#3 gamma-BHC (Lindane)

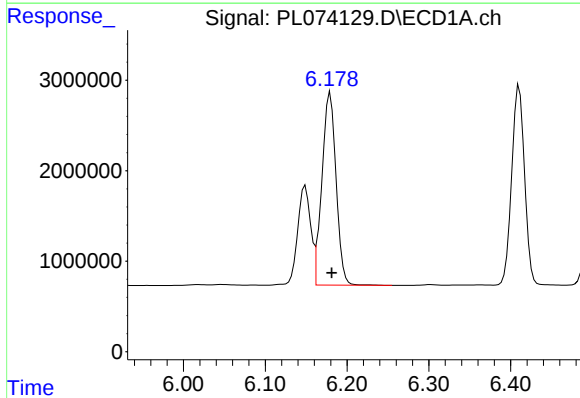
R.T.: 5.769 min  
Delta R.T.: -0.002 min  
Response: 24407731  
Conc: 58.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



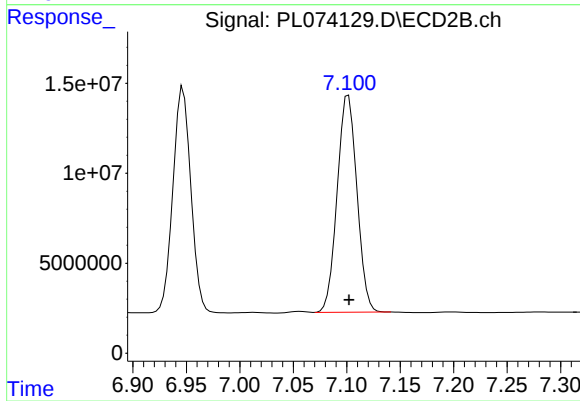
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 147807904  
Conc: 62.44 ng/ml



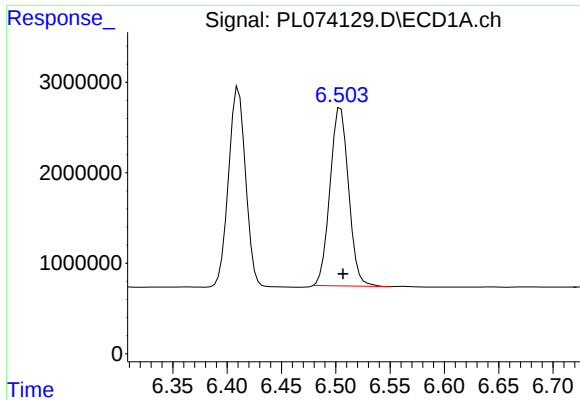
#4 Heptachlor

R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 25588212  
Conc: 56.80 ng/ml



#4 Heptachlor

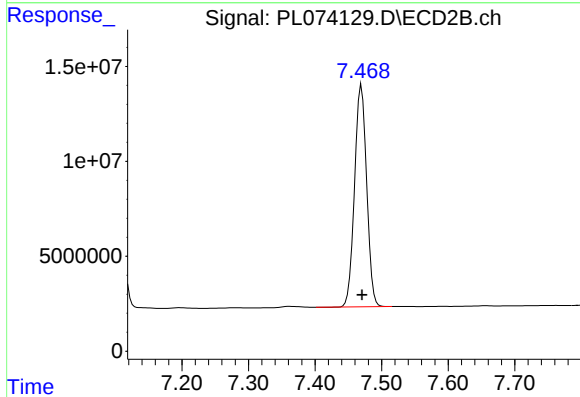
R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 155088333  
Conc: 59.46 ng/ml



#5 Aldrin

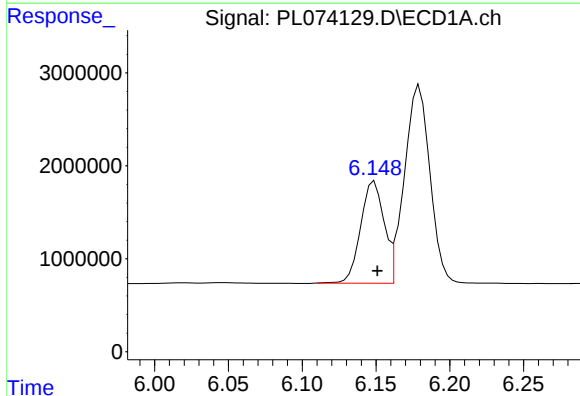
R.T.: 6.504 min  
Delta R.T.: -0.002 min  
Response: 23441695  
Conc: 56.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



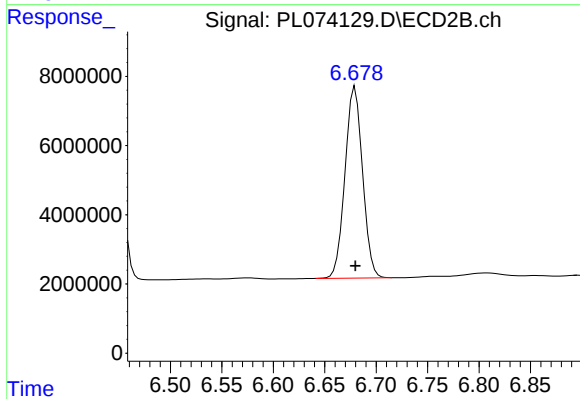
#5 Aldrin

R.T.: 7.470 min  
Delta R.T.: -0.001 min  
Response: 147610397  
Conc: 62.85 ng/ml



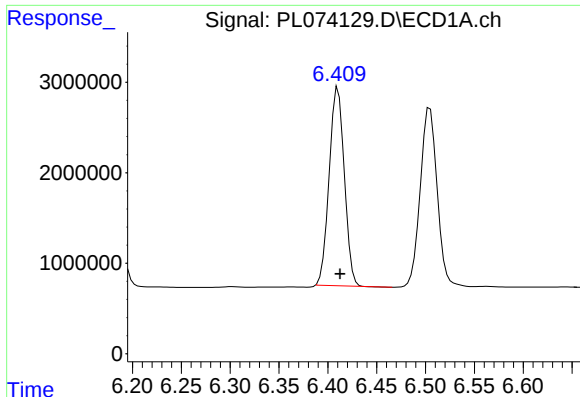
#6 beta-BHC

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 12126373  
Conc: 59.35 ng/ml



#6 beta-BHC

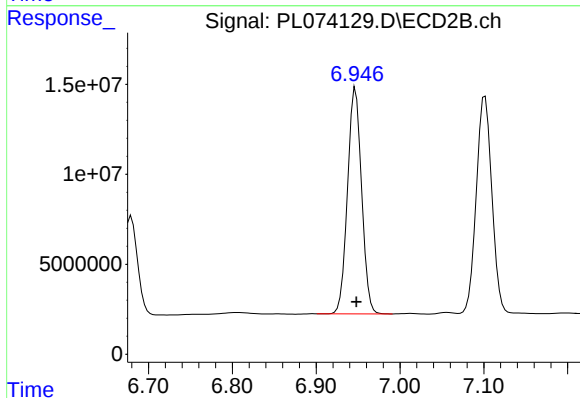
R.T.: 6.680 min  
Delta R.T.: 0.000 min  
Response: 65764971  
Conc: 58.35 ng/ml



#7 delta-BHC

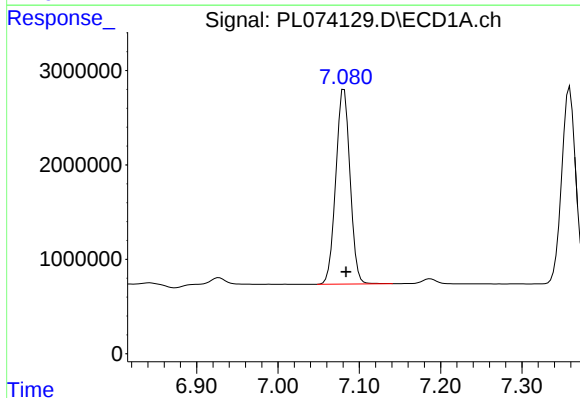
R.T.: 6.411 min  
Delta R.T.: -0.002 min  
Response: 23664373  
Conc: 57.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



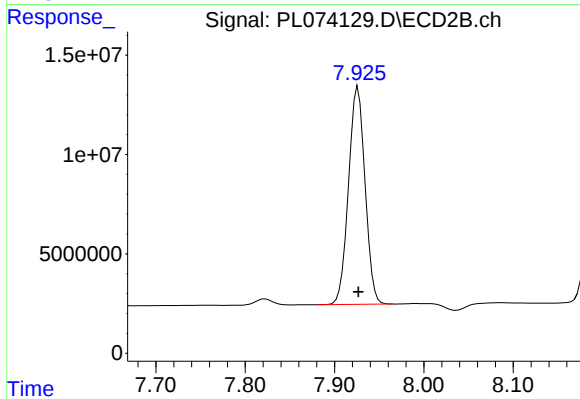
#7 delta-BHC

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 146871115  
Conc: 60.14 ng/ml



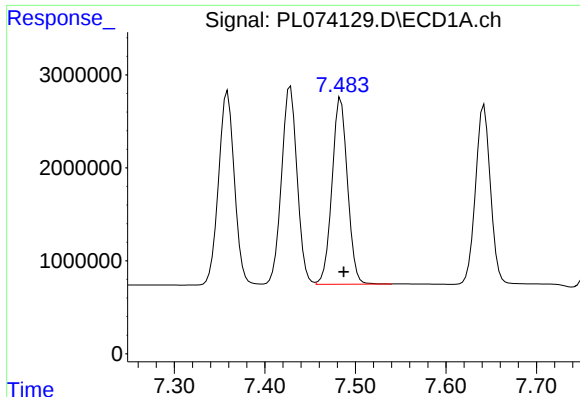
#8 Heptachlor epoxide

R.T.: 7.081 min  
Delta R.T.: -0.002 min  
Response: 25113641  
Conc: 58.55 ng/ml



#8 Heptachlor epoxide

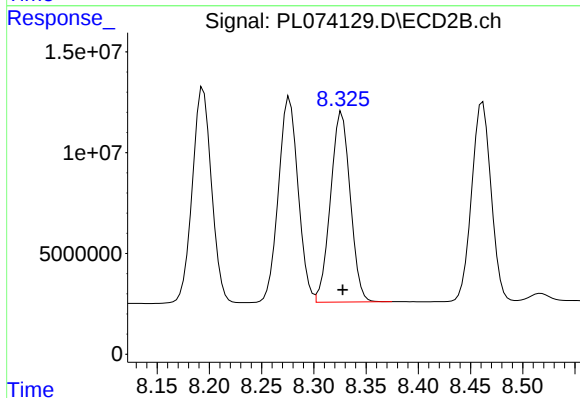
R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 140747296  
Conc: 62.51 ng/ml



#9 Endosulfan I

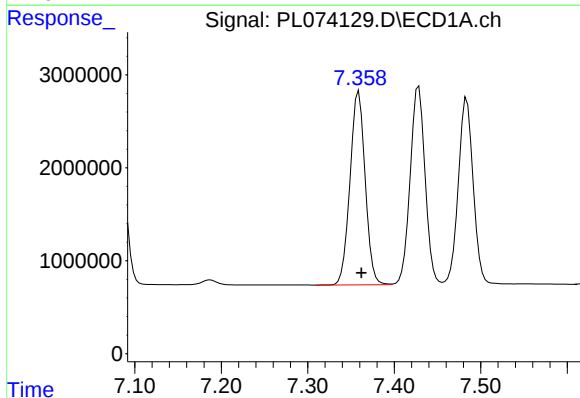
R.T.: 7.484 min  
Delta R.T.: -0.003 min  
Response: 23908942  
Conc: 58.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



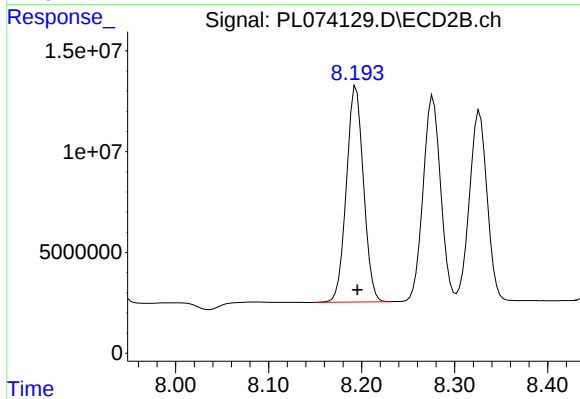
#9 Endosulfan I

R.T.: 8.327 min  
Delta R.T.: 0.000 min  
Response: 124063129  
Conc: 63.02 ng/ml



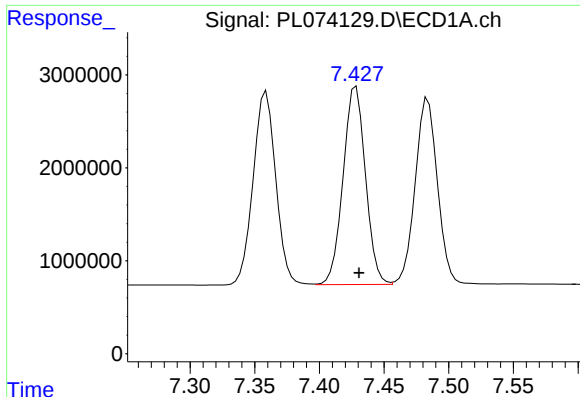
#10 gamma-Chlordane

R.T.: 7.359 min  
Delta R.T.: -0.003 min  
Response: 25300379  
Conc: 57.69 ng/ml



#10 gamma-Chlordane

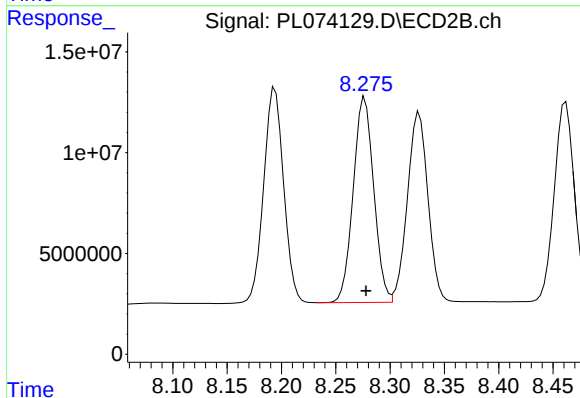
R.T.: 8.194 min  
Delta R.T.: -0.001 min  
Response: 136826507  
Conc: 61.35 ng/ml



#11 alpha-Chlordane

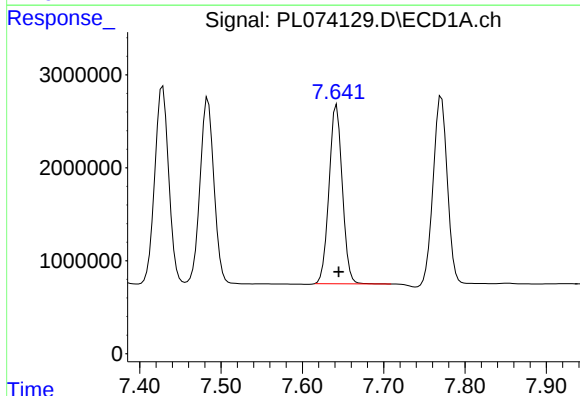
R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 25605543  
Conc: 57.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



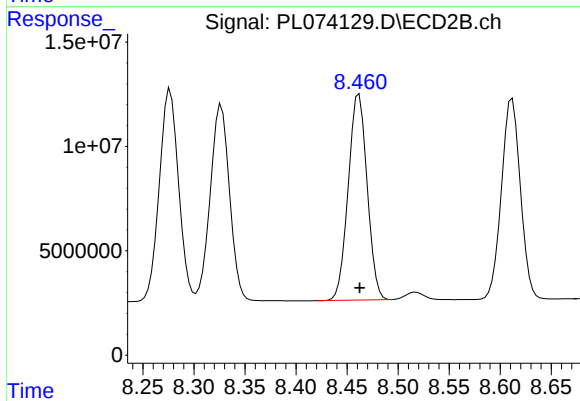
#11 alpha-Chlordane

R.T.: 8.277 min  
Delta R.T.: -0.001 min  
Response: 133838806  
Conc: 62.18 ng/ml



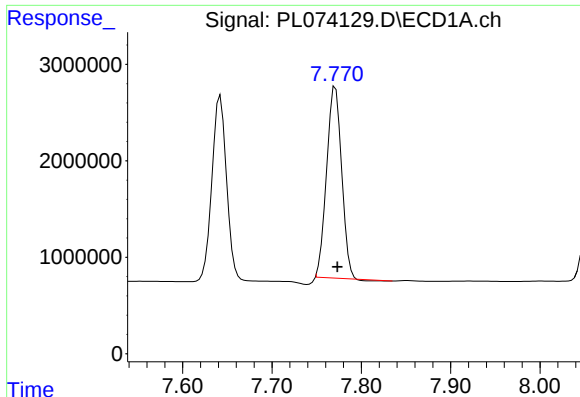
#12 4,4'-DDE

R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 21957071  
Conc: 60.19 ng/ml



#12 4,4'-DDE

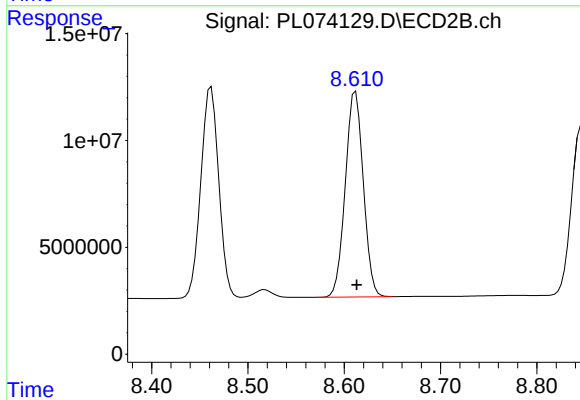
R.T.: 8.462 min  
Delta R.T.: 0.000 min  
Response: 127113770  
Conc: 63.82 ng/ml



#13 Dieldrin

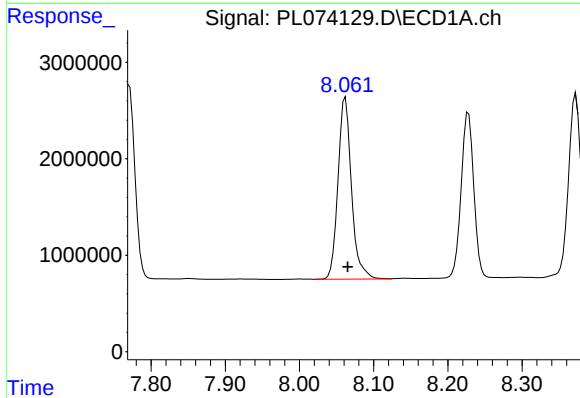
R.T.: 7.771 min  
Delta R.T.: -0.002 min  
Response: 23120255  
Conc: 53.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



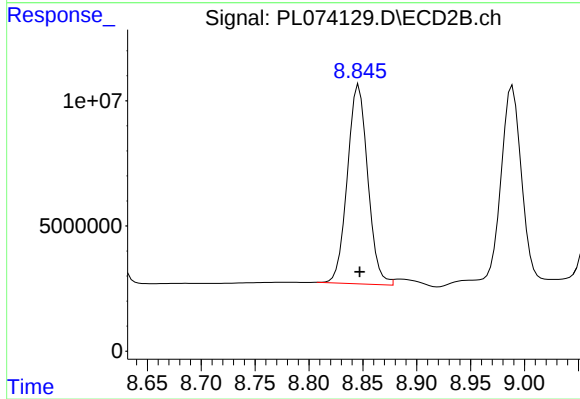
#13 Dieldrin

R.T.: 8.612 min  
Delta R.T.: 0.000 min  
Response: 124463874  
Conc: 62.07 ng/ml



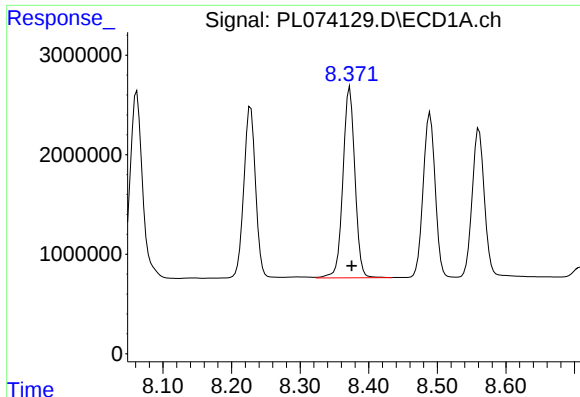
#14 Endrin

R.T.: 8.062 min  
Delta R.T.: -0.003 min  
Response: 23904246  
Conc: 58.84 ng/ml



#14 Endrin

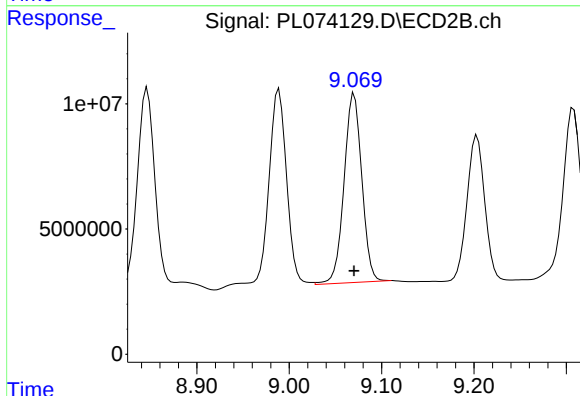
R.T.: 8.846 min  
Delta R.T.: 0.000 min  
Response: 104889231  
Conc: 61.93 ng/ml



#15 Endosulfan II

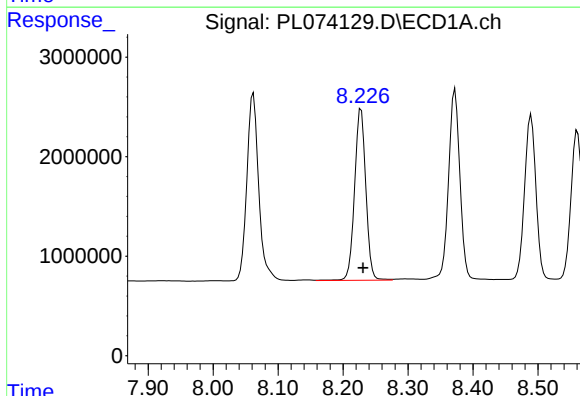
R.T.: 8.372 min  
Delta R.T.: -0.003 min  
Response: 23252572  
Conc: 56.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



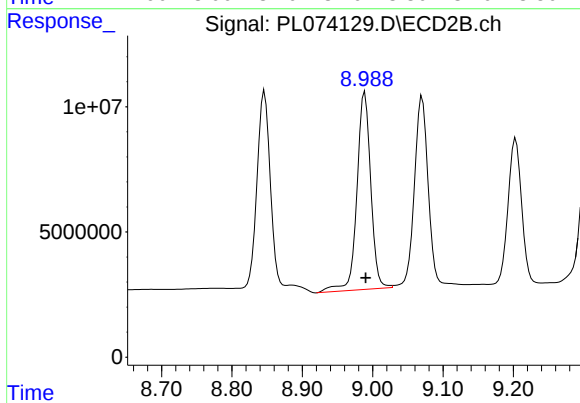
#15 Endosulfan II

R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 100808789  
Conc: 58.03 ng/ml



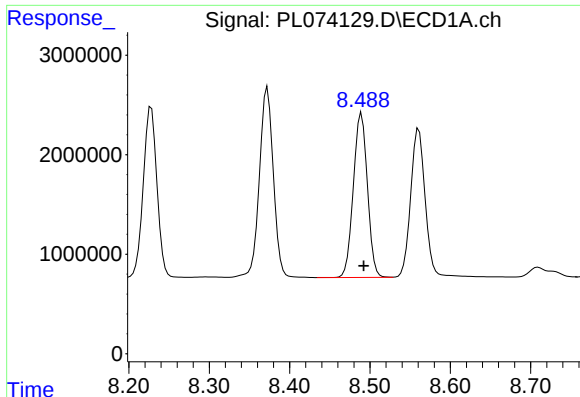
#16 4,4'-DDD

R.T.: 8.228 min  
Delta R.T.: -0.003 min  
Response: 20710168  
Conc: 64.13 ng/ml



#16 4,4'-DDD

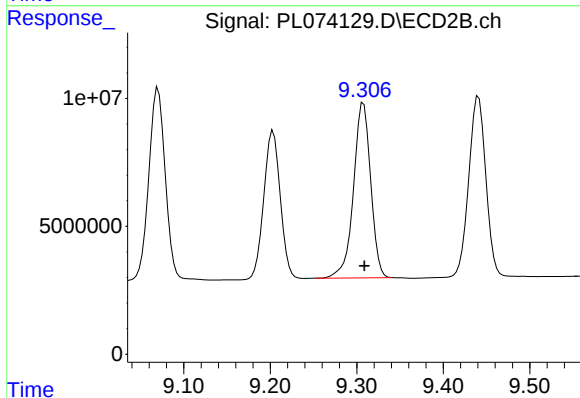
R.T.: 8.989 min  
Delta R.T.: -0.001 min  
Response: 108151919  
Conc: 70.29 ng/ml



#17 4,4'-DDT

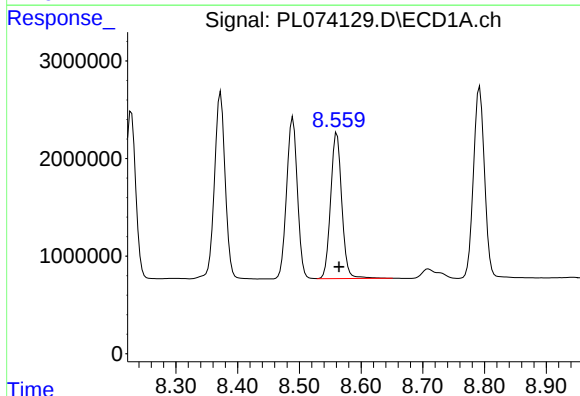
R.T.: 8.490 min  
Delta R.T.: -0.003 min  
Response: 20076130  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



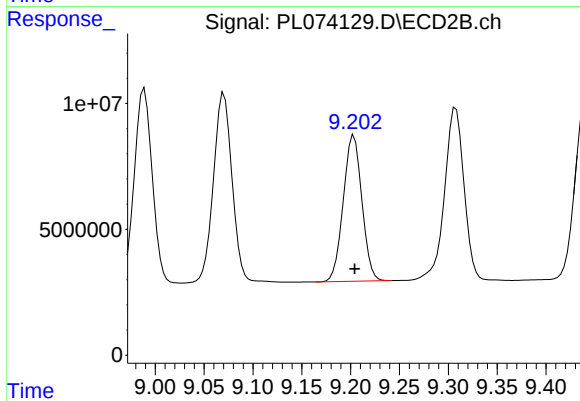
#17 4,4'-DDT

R.T.: 9.308 min  
Delta R.T.: -0.001 min  
Response: 94498955  
Conc: 53.31 ng/ml



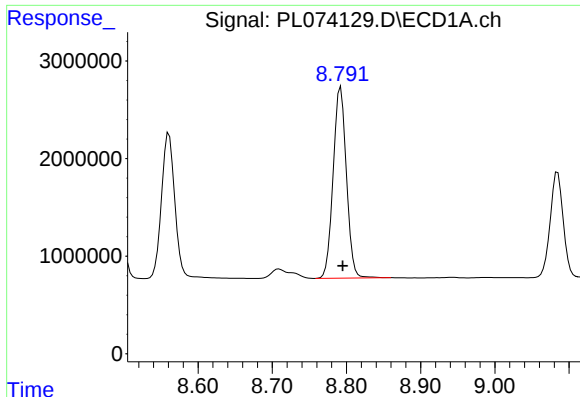
#18 Endrin aldehyde

R.T.: 8.561 min  
Delta R.T.: -0.004 min  
Response: 18748859  
Conc: 57.95 ng/ml



#18 Endrin aldehyde

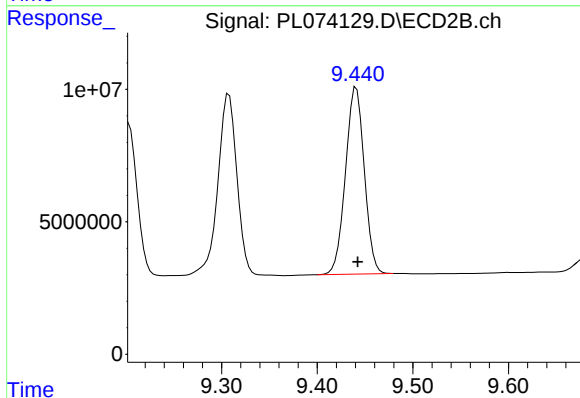
R.T.: 9.203 min  
Delta R.T.: 0.000 min  
Response: 76999539  
Conc: 59.61 ng/ml



#19 Endosulfan Sulfate

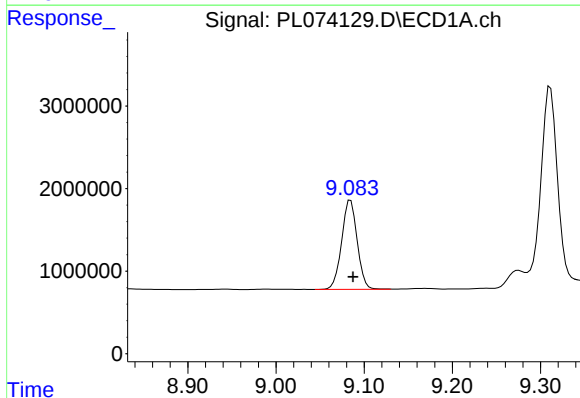
R.T.: 8.792 min  
Delta R.T.: -0.003 min  
Response: 24314714  
Conc: 56.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



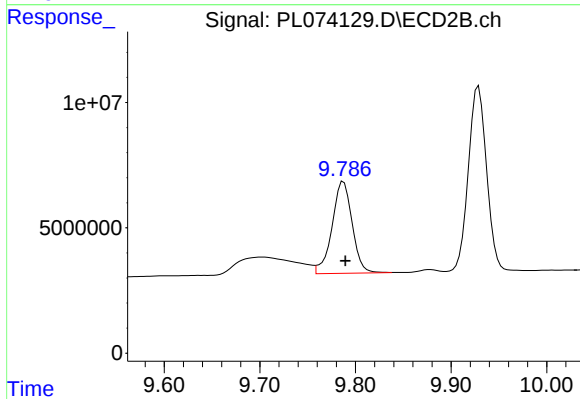
#19 Endosulfan Sulfate

R.T.: 9.441 min  
Delta R.T.: -0.001 min  
Response: 96861151  
Conc: 58.20 ng/ml



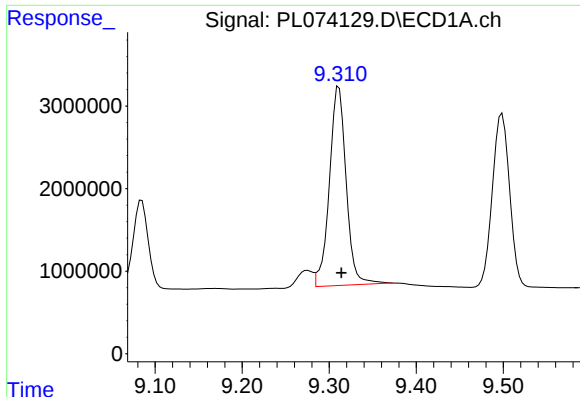
#20 Methoxychlor

R.T.: 9.085 min  
Delta R.T.: -0.003 min  
Response: 13214918  
Conc: 53.23 ng/ml



#20 Methoxychlor

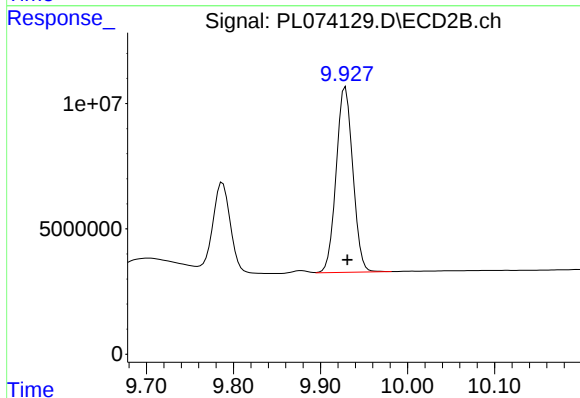
R.T.: 9.788 min  
Delta R.T.: -0.002 min  
Response: 53619304  
Conc: 55.75 ng/ml



#21 Endrin ketone

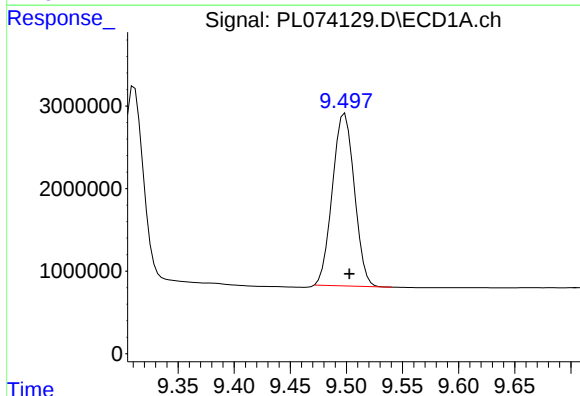
R.T.: 9.311 min  
Delta R.T.: -0.003 min  
Response: 32317693  
Conc: 66.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



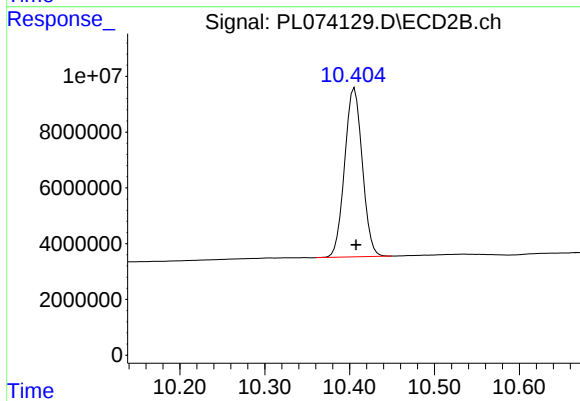
#21 Endrin ketone

R.T.: 9.929 min  
Delta R.T.: -0.002 min  
Response: 98524679  
Conc: 56.92 ng/ml



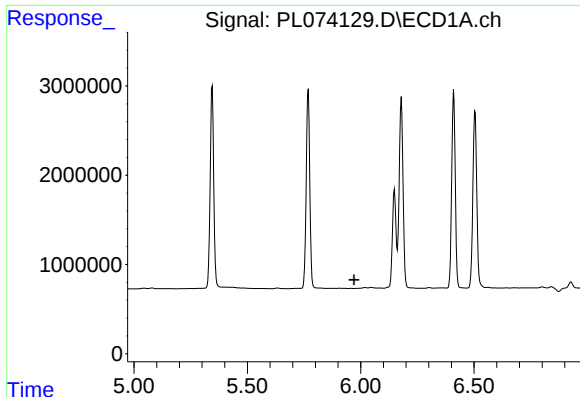
#22 Mirex

R.T.: 9.499 min  
Delta R.T.: -0.004 min  
Response: 28396418  
Conc: 60.88 ng/ml



#22 Mirex

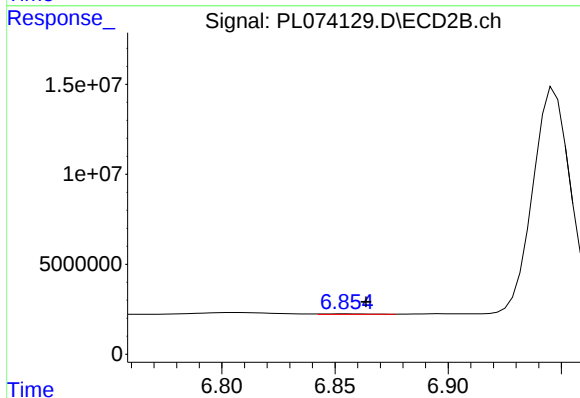
R.T.: 10.406 min  
Delta R.T.: -0.002 min  
Response: 87405765  
Conc: 63.46 ng/ml



#23 Chlordane-1

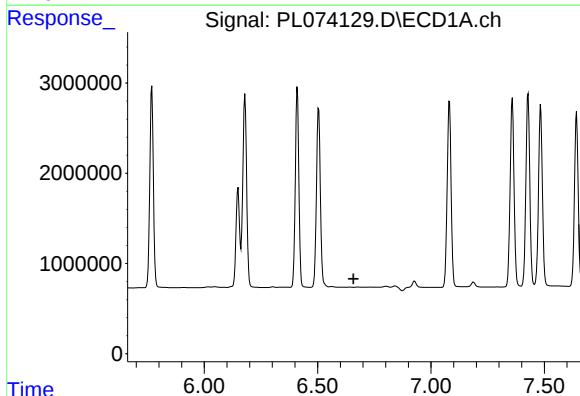
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



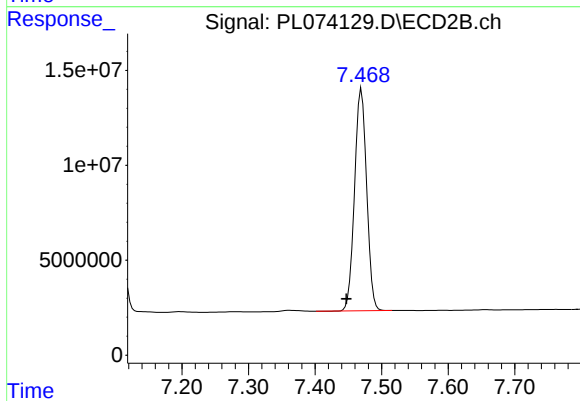
#23 Chlordane-1

R.T.: 6.855 min  
Delta R.T.: -0.009 min  
Response: 337039  
Conc: 4.22 ng/ml



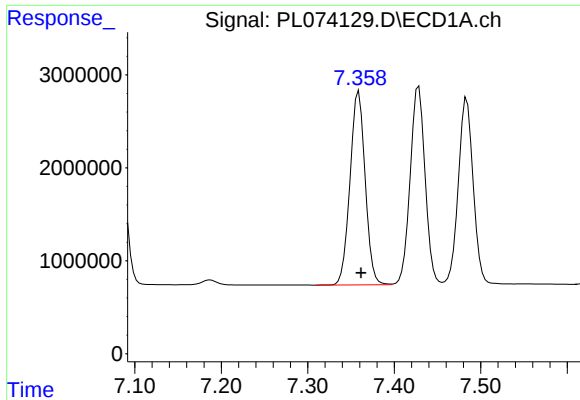
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.659 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

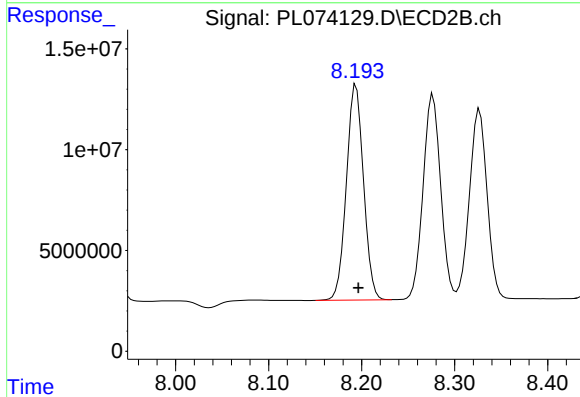
R.T.: 7.470 min  
Delta R.T.: 0.023 min  
Response: 147610397  
Conc: 1786.25 ng/ml



#25 Chlordane-3

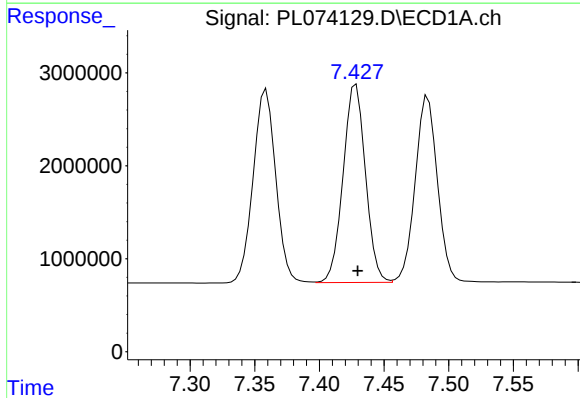
R.T.: 7.359 min  
Delta R.T.: -0.003 min  
Response: 25300379  
Conc: 584.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



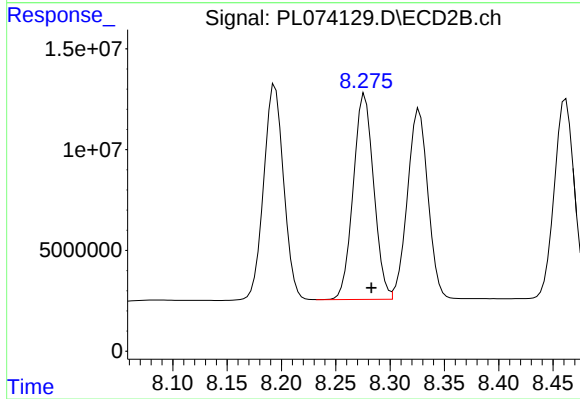
#25 Chlordane-3

R.T.: 8.194 min  
Delta R.T.: -0.003 min  
Response: 136826507  
Conc: 404.45 ng/ml



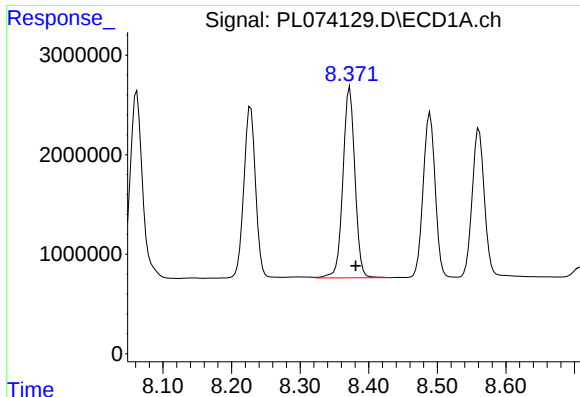
#26 Chlordane-4

R.T.: 7.428 min  
Delta R.T.: -0.001 min  
Response: 25605543  
Conc: 551.70 ng/ml



#26 Chlordane-4

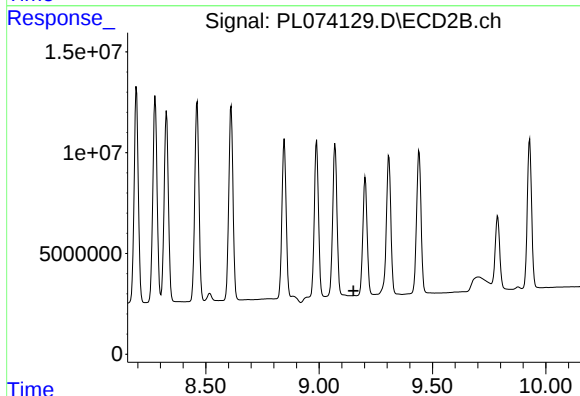
R.T.: 8.277 min  
Delta R.T.: -0.006 min  
Response: 133838806  
Conc: 337.45 ng/ml



#27 Chlordane-5

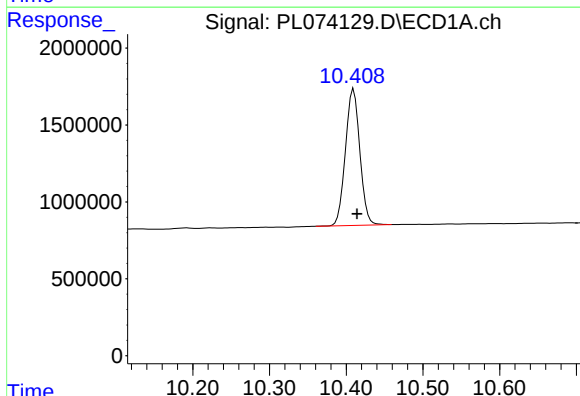
R.T.: 8.372 min  
Delta R.T.: -0.009 min  
Response: 23252572  
Conc: 1333.24 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



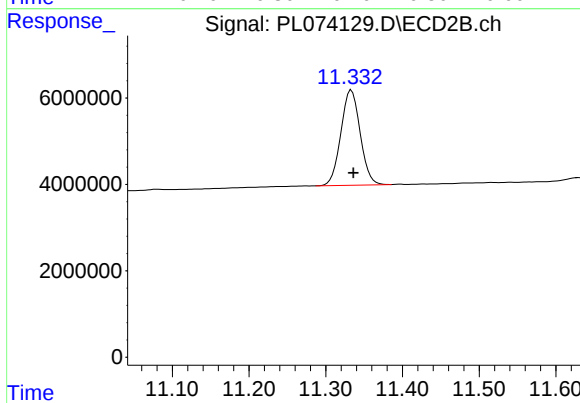
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.152 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.410 min  
Delta R.T.: -0.004 min  
Response: 11672039  
Conc: 22.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min  
Delta R.T.: -0.003 min  
Response: 38683716  
Conc: 21.90 ng/ml