

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050422\  
 Data File : PL074518.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2022 16:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 23:26:57 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... | 4.634  | 5.489  | 15819658 | 86105180 | 48.961   | 48.293     |
| 2)                          | SA Decachlor... | 10.405 | 11.333 | 23359929 | 88964520 | 44.920   | 50.368     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.341  | 6.053  | 21061298 | 125.0E6  | 50.186   | 49.622     |
| 3)                          | MA gamma-BHC... | 5.765  | 6.442  | 21170212 | 117.2E6  | 50.478   | 49.504     |
| 4)                          | MA Heptachlor   | 6.175  | 7.101  | 22126832 | 127.7E6  | 49.121   | 48.944     |
| 5)                          | MB Aldrin       | 6.500  | 7.469  | 21206989 | 118.9E6  | 51.095   | 50.636     |
| 6)                          | B beta-BHC      | 6.145  | 6.679  | 9678053  | 53988879 | 47.365   | 47.904     |
| 7)                          | B delta-BHC     | 6.407  | 6.947  | 21297051 | 121.2E6  | 51.483   | 49.637     |
| 8)                          | B Heptachlo...  | 7.077  | 7.925  | 21887788 | 114.3E6  | 51.028   | 50.758     |
| 9)                          | A Endosulfan I  | 7.479  | 8.326  | 21106652 | 101.9E6  | 51.464   | 51.739     |
| 10)                         | B gamma-Chl...  | 7.354  | 8.193  | 22343220 | 111.8E6  | 50.943   | 50.126     |
| 11)                         | B alpha-Chl...  | 7.424  | 8.276  | 22537639 | 109.6E6  | 51.016   | 50.905     |
| 12)                         | B 4,4'-DDE      | 7.637  | 8.460  | 18630362 | 104.7E6  | 51.068   | 52.555     |
| 13)                         | MA Dieldrin     | 7.766  | 8.610  | 21314766 | 103.4E6  | 49.619   | 51.587     |
| 14)                         | MA Endrin       | 8.057  | 8.845  | 19895553 | 89976869 | 48.976   | 53.126     |
| 15)                         | B Endosulfa...  | 8.367  | 9.069  | 19841604 | 85548347 | 48.141   | 49.244     |
| 16)                         | A 4,4'-DDD      | 8.223  | 8.988  | 16867234 | 92769443 | 52.233   | 60.295     |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.307  | 17925855 | 84644798 | 48.496   | 47.750     |
| 18)                         | B Endrin al...  | 8.556  | 9.201  | 16038053 | 64207173 | 49.568   | 49.710     |
| 19)                         | B Endosulfa...  | 8.787  | 9.440  | 21073232 | 83080551 | 49.349   | 49.918     |
| 20)                         | A Methoxychlor  | 9.079  | 9.787  | 11265411 | 44313205 | 45.376   | 46.071     |
| 21)                         | B Endrin ke...  | 9.306  | 9.928  | 24136807 | 89268827 | 49.405   | 51.572     |
| 22)                         | Mirex           | 9.493  | 10.405 | 22636217 | 67796253 | 48.534   | 49.220     |
| 23)                         | Chlordane-1     | 0.000  | 6.854  | 0        | 732432   | N.D.     | 9.178 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.469f | 0        | 118.9E6  | N.D.     | 1439.115 # |
| 25)                         | Chlordane-3     | 7.354  | 8.193  | 22343220 | 111.8E6  | 516.463  | 330.470 #  |
| 26)                         | Chlordane-4     | 7.424  | 8.276  | 22537639 | 109.6E6  | 485.597  | 276.279 #  |
| 27)                         | Chlordane-5     | 8.367  | 0.000  | 19841604 | 0        | 1137.662 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

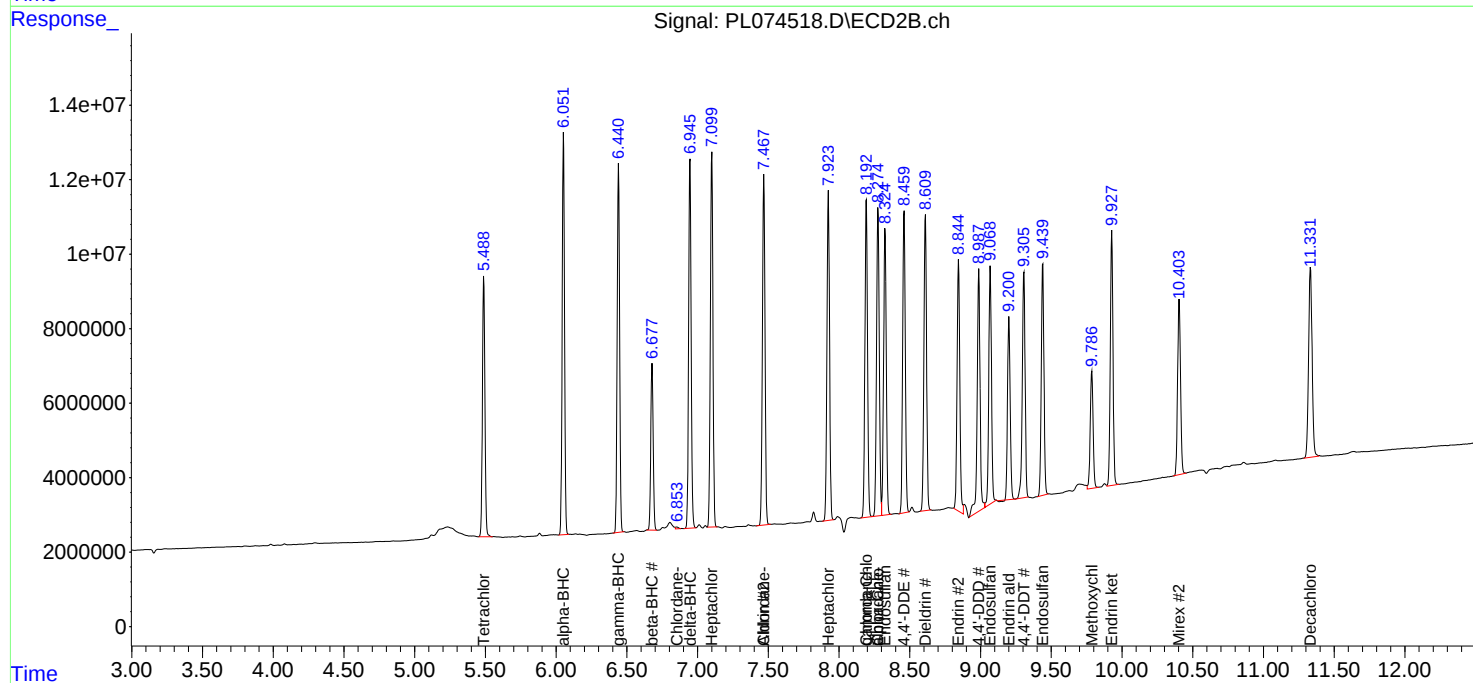
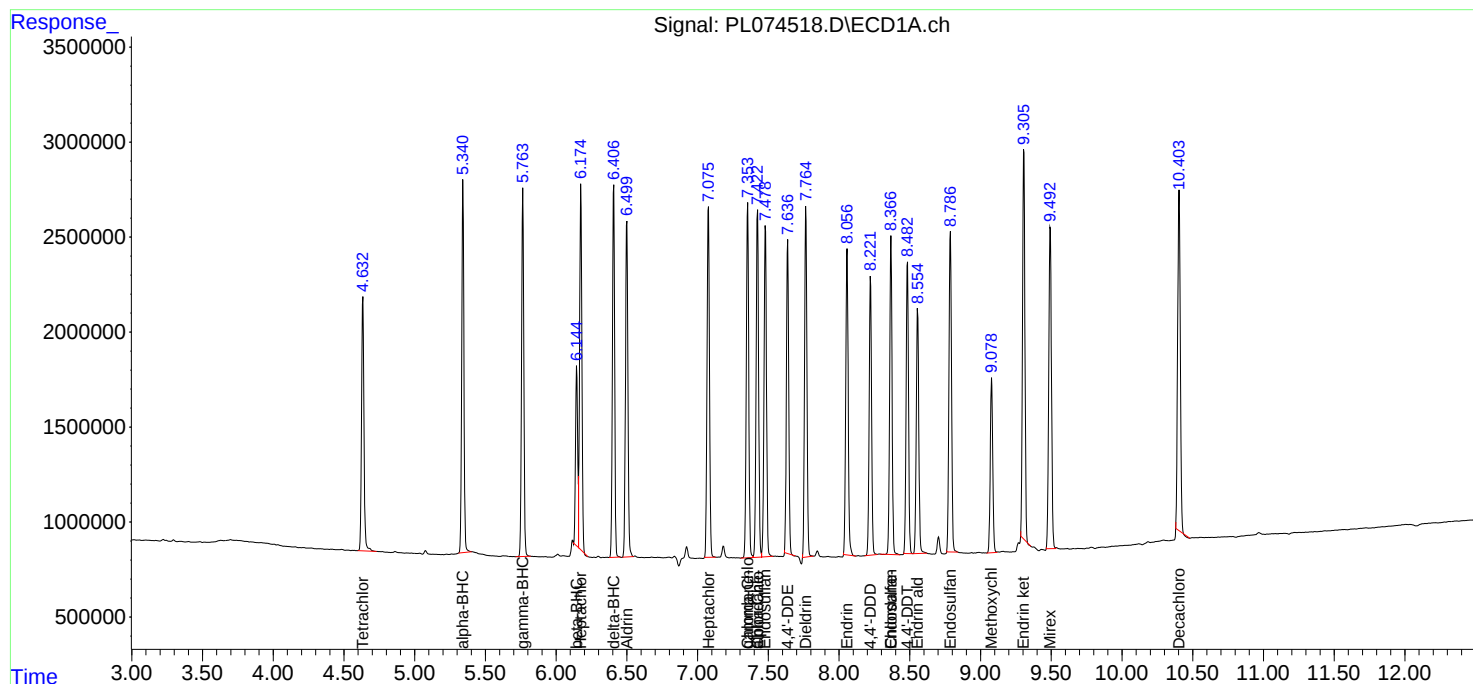
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

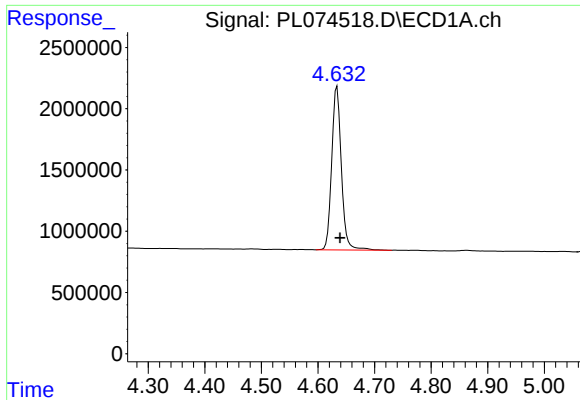
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050422\  
Data File : PL074518.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2022 16:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 23:26:57 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

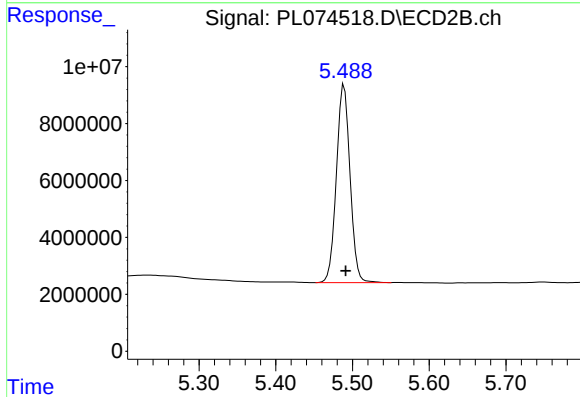




#1 Tetrachloro-m-xylene

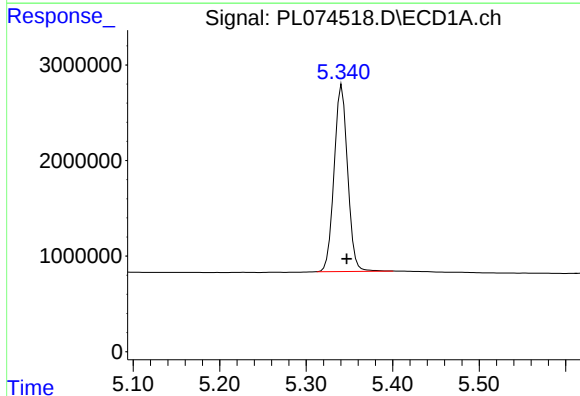
R.T.: 4.634 min  
Delta R.T.: -0.005 min  
Response: 15819658  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



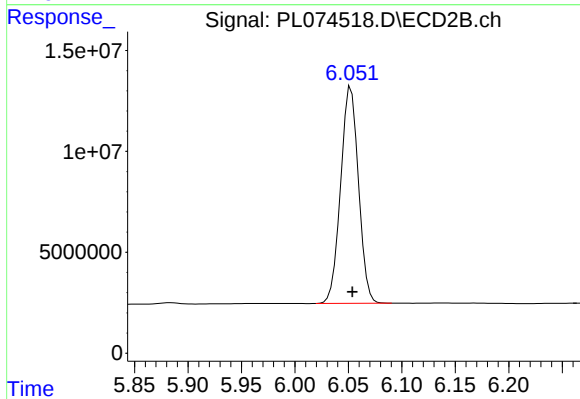
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 86105180  
Conc: 48.29 ng/ml



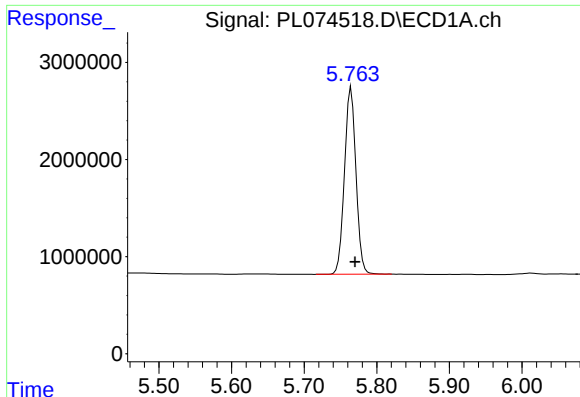
#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: -0.005 min  
Response: 21061298  
Conc: 50.19 ng/ml



#2 alpha-BHC

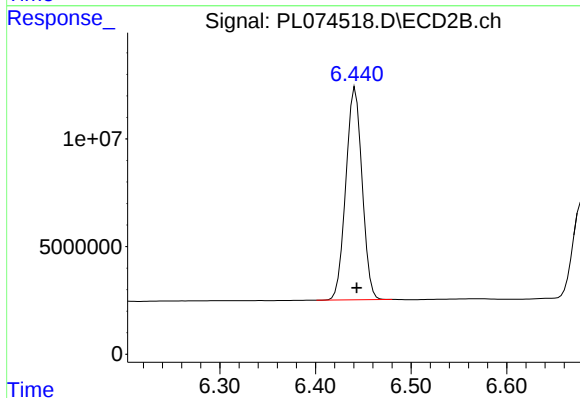
R.T.: 6.053 min  
Delta R.T.: -0.001 min  
Response: 124952571  
Conc: 49.62 ng/ml



#3 gamma-BHC (Lindane)

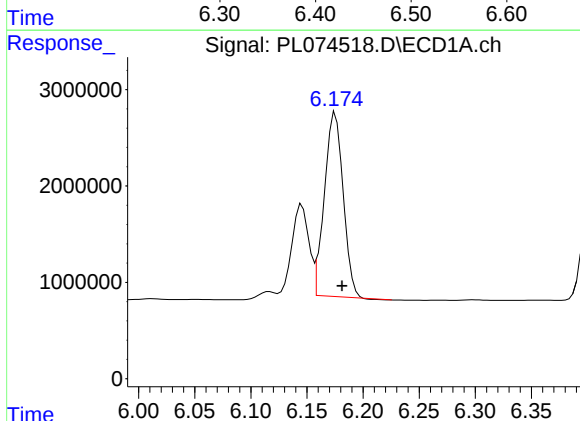
R.T.: 5.765 min  
Delta R.T.: -0.006 min  
Response: 21170212  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



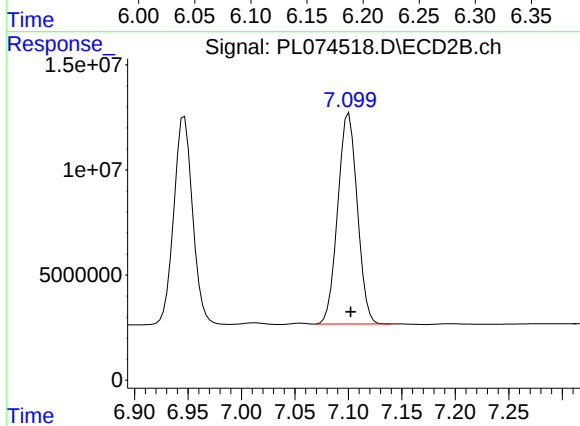
#3 gamma-BHC (Lindane)

R.T.: 6.442 min  
Delta R.T.: -0.001 min  
Response: 117182633  
Conc: 49.50 ng/ml



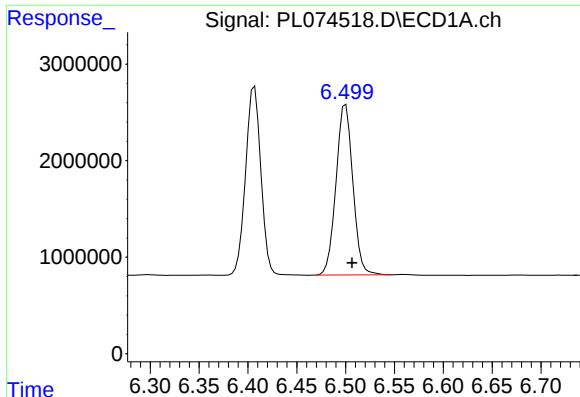
#4 Heptachlor

R.T.: 6.175 min  
Delta R.T.: -0.006 min  
Response: 22126832  
Conc: 49.12 ng/ml



#4 Heptachlor

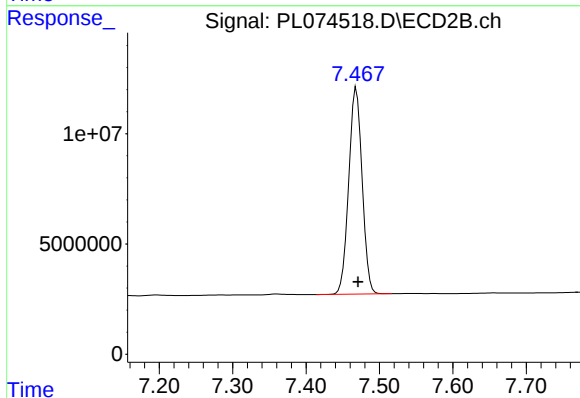
R.T.: 7.101 min  
Delta R.T.: -0.002 min  
Response: 127665899  
Conc: 48.94 ng/ml



#5 Aldrin

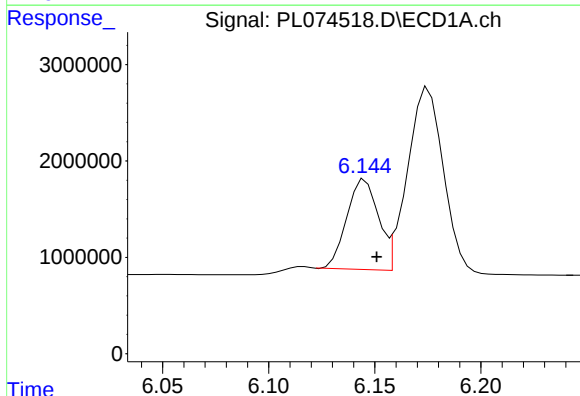
R.T.: 6.500 min  
Delta R.T.: -0.007 min  
Response: 21206989  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



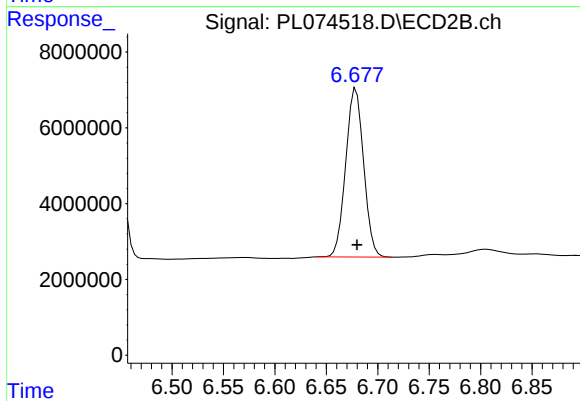
#5 Aldrin

R.T.: 7.469 min  
Delta R.T.: -0.002 min  
Response: 118924437  
Conc: 50.64 ng/ml



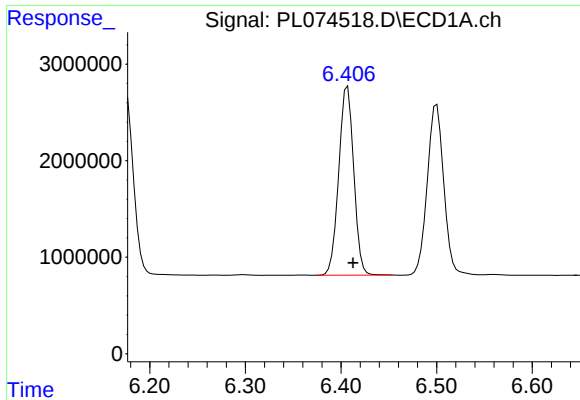
#6 beta-BHC

R.T.: 6.145 min  
Delta R.T.: -0.005 min  
Response: 9678053  
Conc: 47.37 ng/ml



#6 beta-BHC

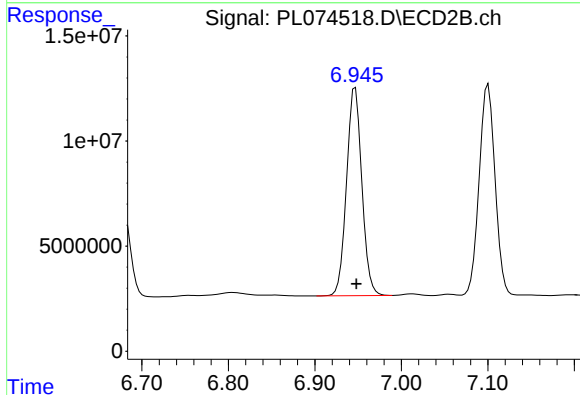
R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 53988879  
Conc: 47.90 ng/ml



#7 delta-BHC

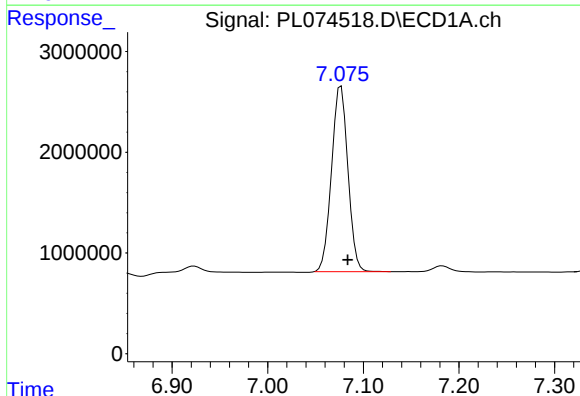
R.T.: 6.407 min  
Delta R.T.: -0.006 min  
Response: 21297051  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



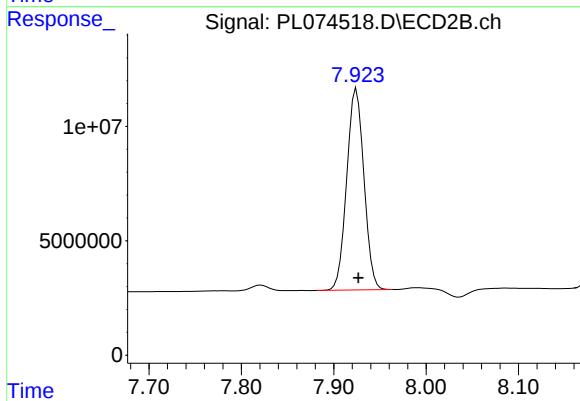
#7 delta-BHC

R.T.: 6.947 min  
Delta R.T.: -0.001 min  
Response: 121227278  
Conc: 49.64 ng/ml



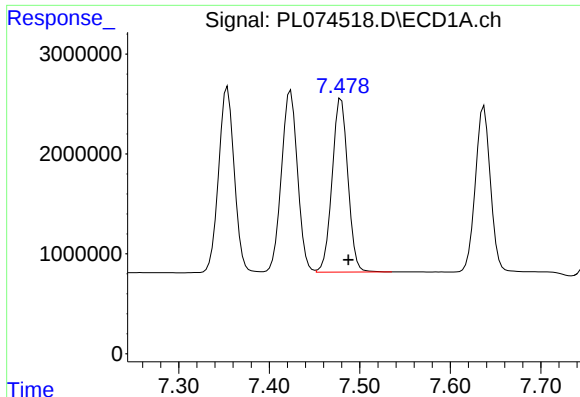
#8 Heptachlor epoxide

R.T.: 7.077 min  
Delta R.T.: -0.007 min  
Response: 21887788  
Conc: 51.03 ng/ml



#8 Heptachlor epoxide

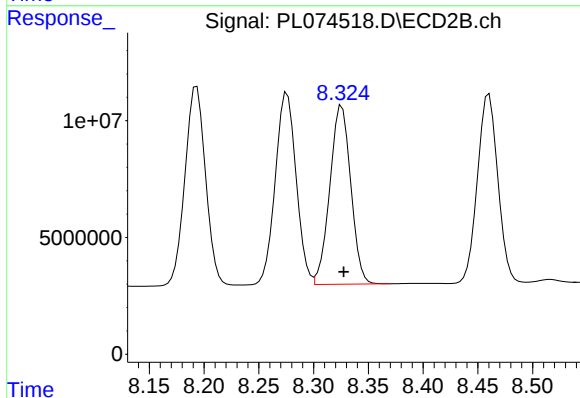
R.T.: 7.925 min  
Delta R.T.: -0.002 min  
Response: 114284089  
Conc: 50.76 ng/ml



#9 Endosulfan I

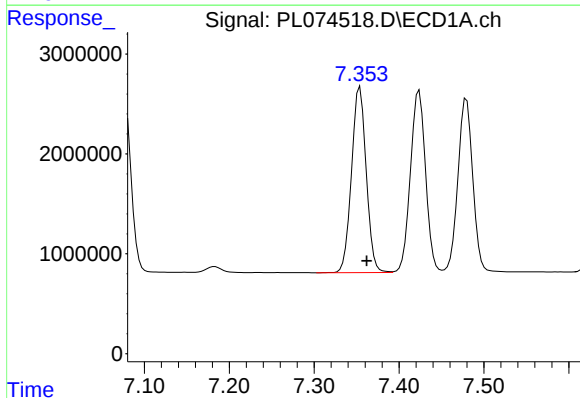
R.T.: 7.479 min  
Delta R.T.: -0.008 min  
Response: 21106652  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



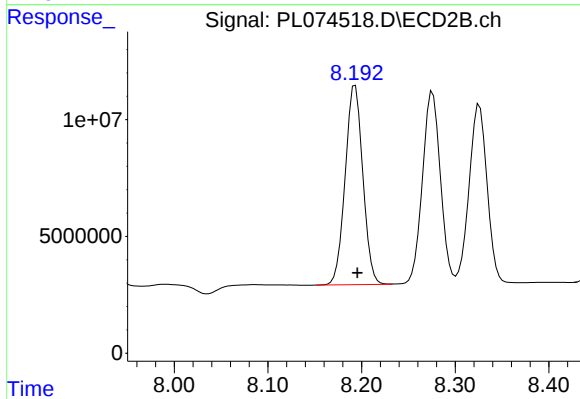
#9 Endosulfan I

R.T.: 8.326 min  
Delta R.T.: -0.002 min  
Response: 101856359  
Conc: 51.74 ng/ml



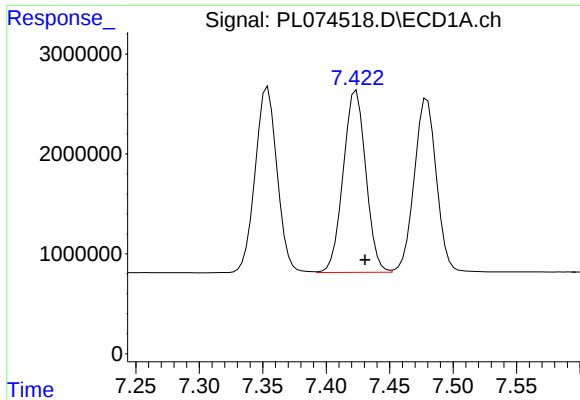
#10 gamma-Chlordane

R.T.: 7.354 min  
Delta R.T.: -0.008 min  
Response: 22343220  
Conc: 50.94 ng/ml



#10 gamma-Chlordane

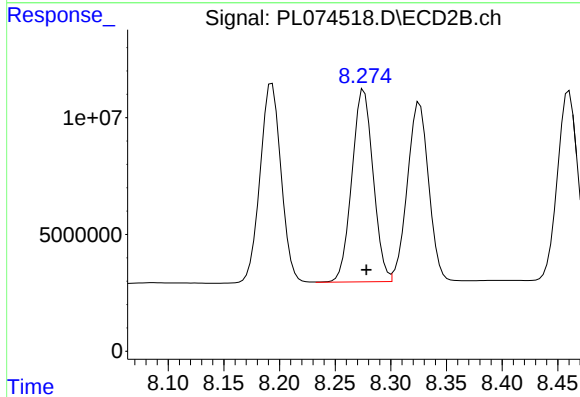
R.T.: 8.193 min  
Delta R.T.: -0.002 min  
Response: 111798205  
Conc: 50.13 ng/ml



#11 alpha-Chlordane

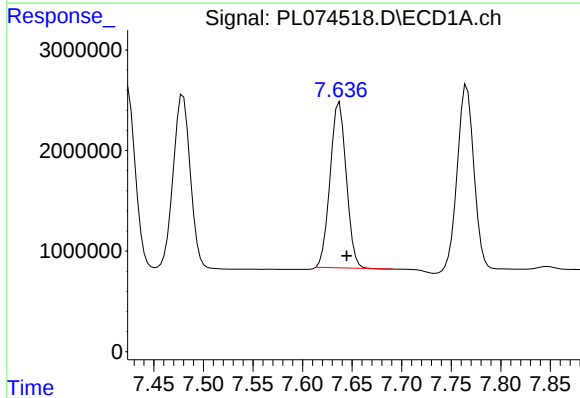
R.T.: 7.424 min  
Delta R.T.: -0.007 min  
Response: 22537639  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



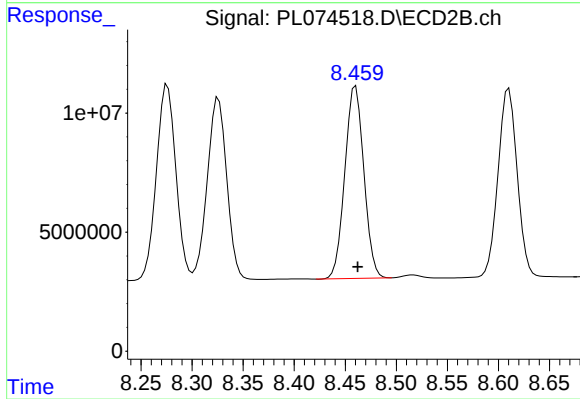
#11 alpha-Chlordane

R.T.: 8.276 min  
Delta R.T.: -0.002 min  
Response: 109578305  
Conc: 50.91 ng/ml



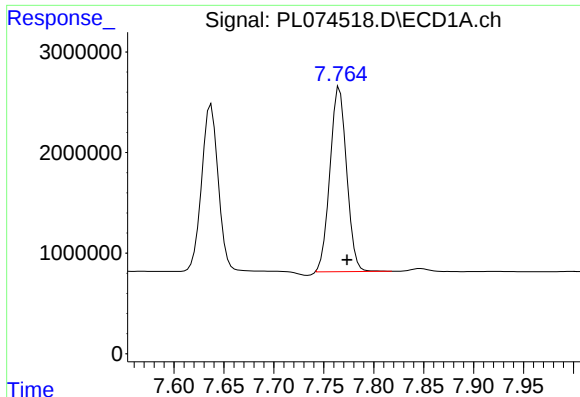
#12 4,4'-DDE

R.T.: 7.637 min  
Delta R.T.: -0.007 min  
Response: 18630362  
Conc: 51.07 ng/ml



#12 4,4'-DDE

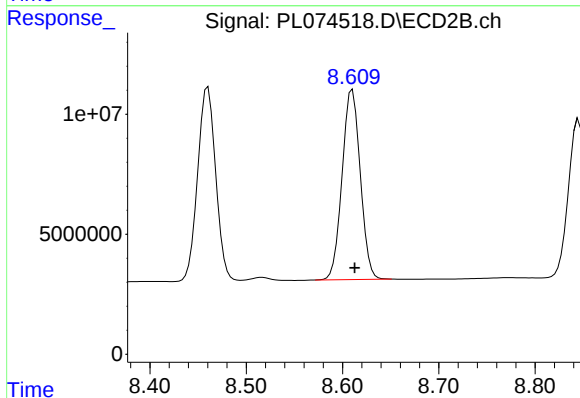
R.T.: 8.460 min  
Delta R.T.: -0.002 min  
Response: 104674725  
Conc: 52.56 ng/ml



#13 Dieldrin

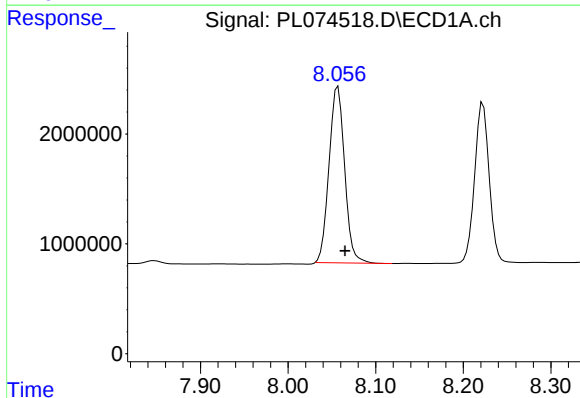
R.T.: 7.766 min  
Delta R.T.: -0.008 min  
Response: 21314766  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



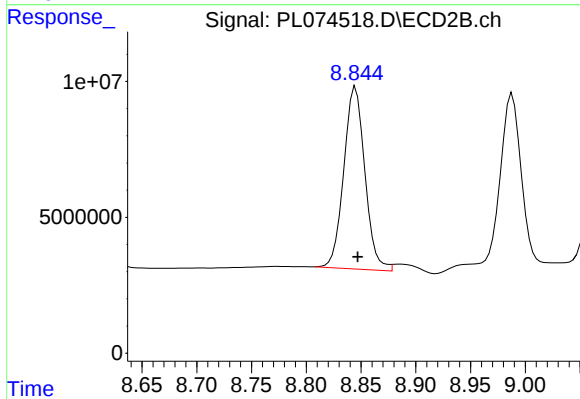
#13 Dieldrin

R.T.: 8.610 min  
Delta R.T.: -0.002 min  
Response: 103446945  
Conc: 51.59 ng/ml



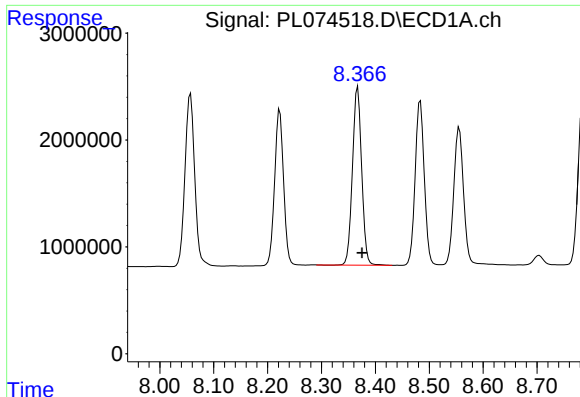
#14 Endrin

R.T.: 8.057 min  
Delta R.T.: -0.008 min  
Response: 19895553  
Conc: 48.98 ng/ml



#14 Endrin

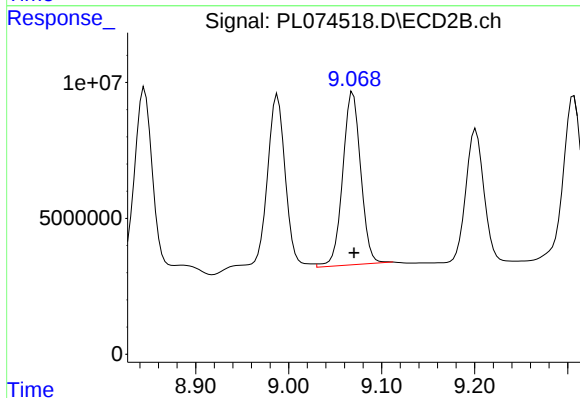
R.T.: 8.845 min  
Delta R.T.: -0.002 min  
Response: 89976869  
Conc: 53.13 ng/ml



#15 Endosulfan II

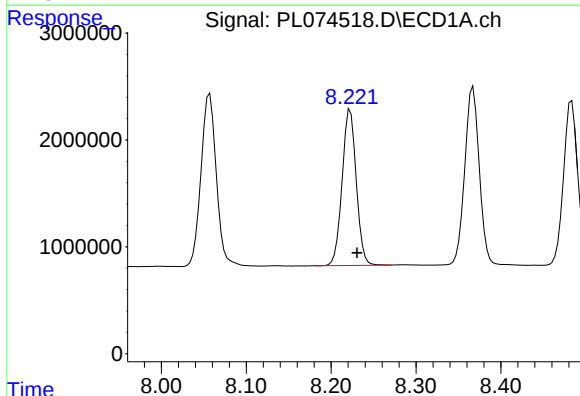
R.T.: 8.367 min  
Delta R.T.: -0.008 min  
Response: 19841604  
Conc: 48.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



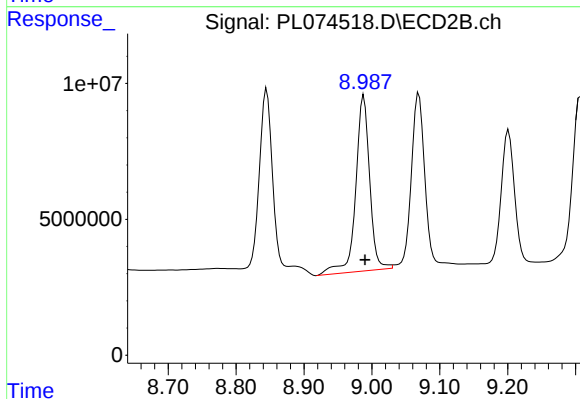
#15 Endosulfan II

R.T.: 9.069 min  
Delta R.T.: -0.001 min  
Response: 85548347  
Conc: 49.24 ng/ml



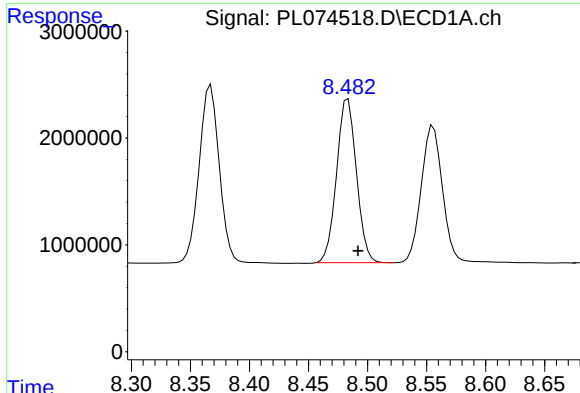
#16 4,4'-DDD

R.T.: 8.223 min  
Delta R.T.: -0.008 min  
Response: 16867234  
Conc: 52.23 ng/ml



#16 4,4'-DDD

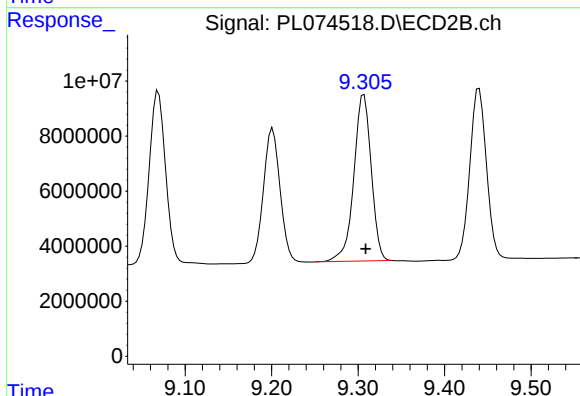
R.T.: 8.988 min  
Delta R.T.: -0.002 min  
Response: 92769443  
Conc: 60.29 ng/ml



#17 4,4'-DDT

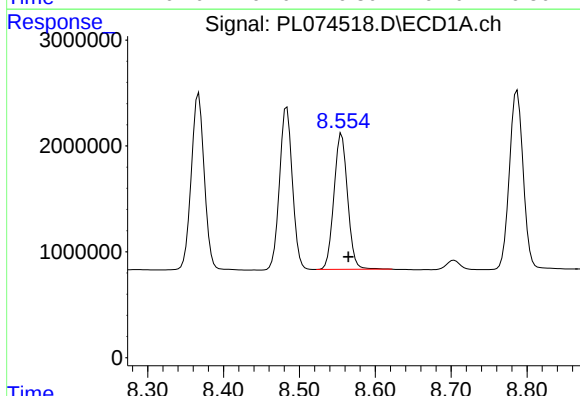
R.T.: 8.483 min  
Delta R.T.: -0.009 min  
Response: 17925855  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



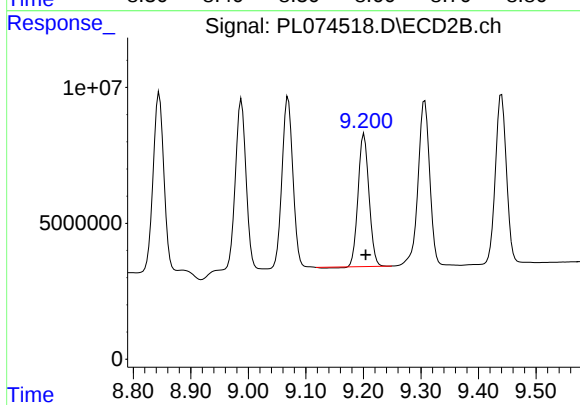
#17 4,4'-DDT

R.T.: 9.307 min  
Delta R.T.: -0.002 min  
Response: 84644798  
Conc: 47.75 ng/ml



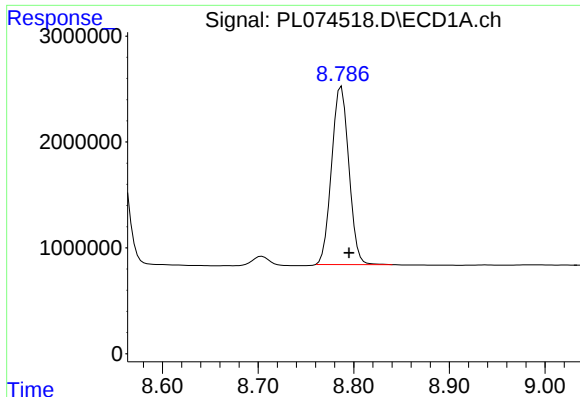
#18 Endrin aldehyde

R.T.: 8.556 min  
Delta R.T.: -0.009 min  
Response: 16038053  
Conc: 49.57 ng/ml



#18 Endrin aldehyde

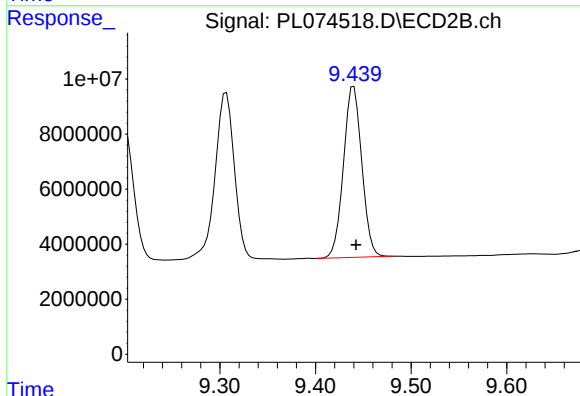
R.T.: 9.201 min  
Delta R.T.: -0.003 min  
Response: 64207173  
Conc: 49.71 ng/ml



#19 Endosulfan Sulfate

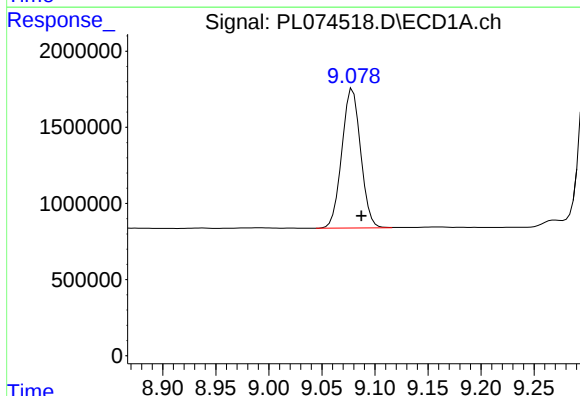
R.T.: 8.787 min  
Delta R.T.: -0.008 min  
Response: 21073232  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



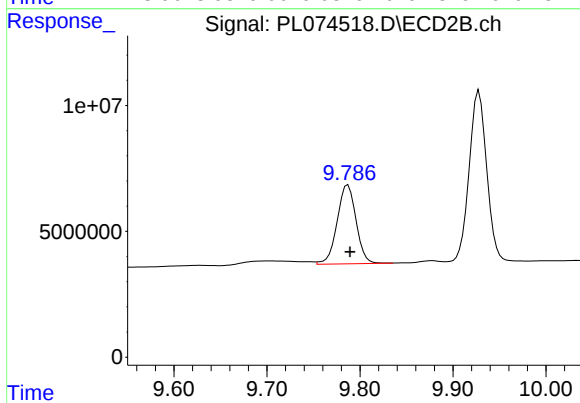
#19 Endosulfan Sulfate

R.T.: 9.440 min  
Delta R.T.: -0.002 min  
Response: 83080551  
Conc: 49.92 ng/ml



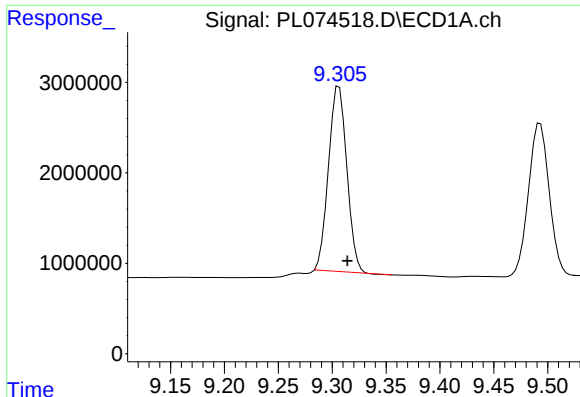
#20 Methoxychlor

R.T.: 9.079 min  
Delta R.T.: -0.008 min  
Response: 11265411  
Conc: 45.38 ng/ml



#20 Methoxychlor

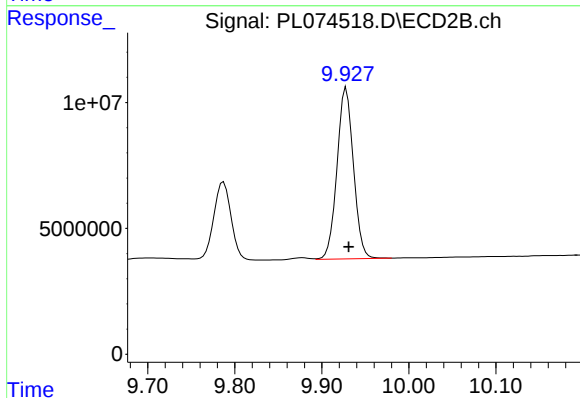
R.T.: 9.787 min  
Delta R.T.: -0.002 min  
Response: 44313205  
Conc: 46.07 ng/ml



#21 Endrin ketone

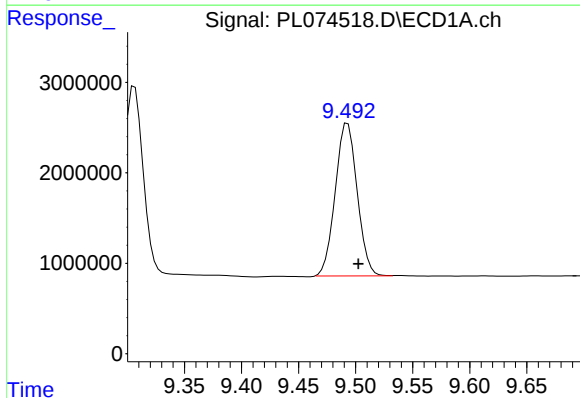
R.T.: 9.306 min  
Delta R.T.: -0.008 min  
Response: 24136807  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



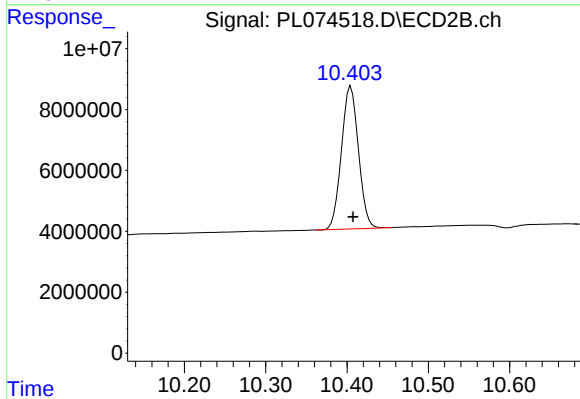
#21 Endrin ketone

R.T.: 9.928 min  
Delta R.T.: -0.003 min  
Response: 89268827  
Conc: 51.57 ng/ml



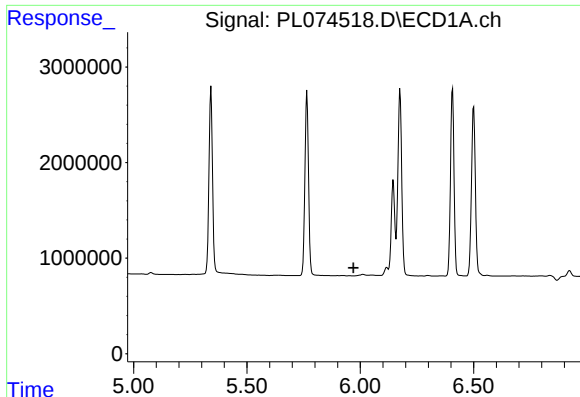
#22 Mirex

R.T.: 9.493 min  
Delta R.T.: -0.009 min  
Response: 22636217  
Conc: 48.53 ng/ml



#22 Mirex

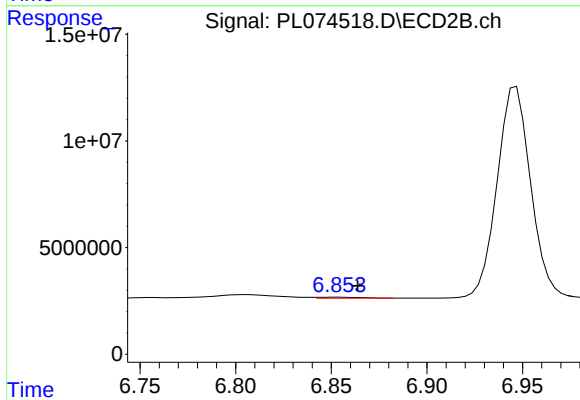
R.T.: 10.405 min  
Delta R.T.: -0.003 min  
Response: 67796253  
Conc: 49.22 ng/ml



#23 Chlordane-1

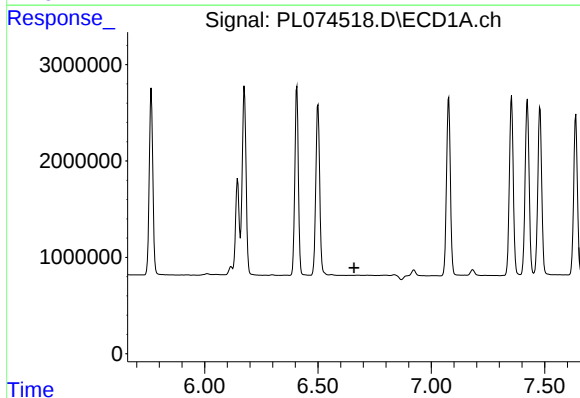
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



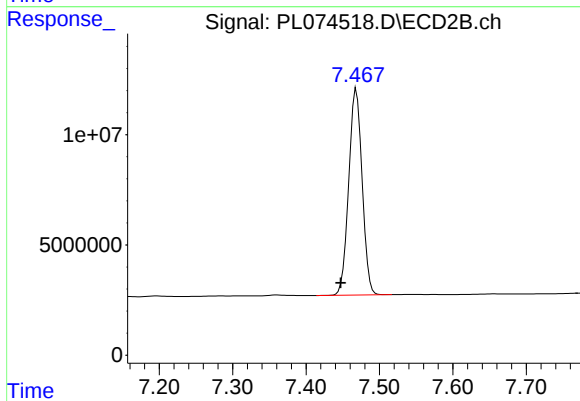
#23 Chlordane-1

R.T.: 6.854 min  
Delta R.T.: -0.010 min  
Response: 732432  
Conc: 9.18 ng/ml



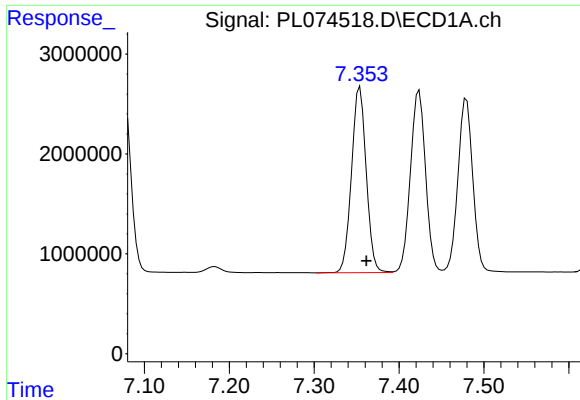
#24 Chlordane-2

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



#24 Chlordane-2

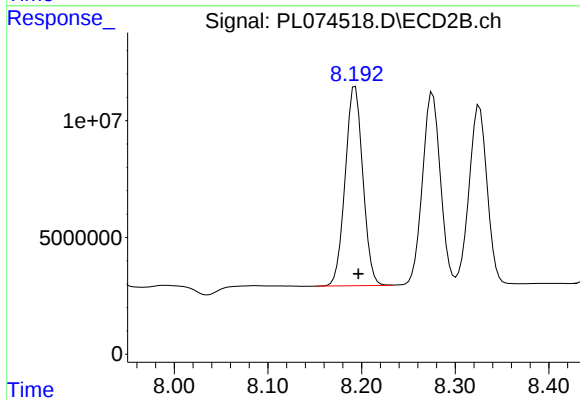
R.T.: 7.469 min  
Delta R.T.: 0.022 min  
Response: 118924437  
Conc: 1439.12 ng/ml



#25 Chlordane-3

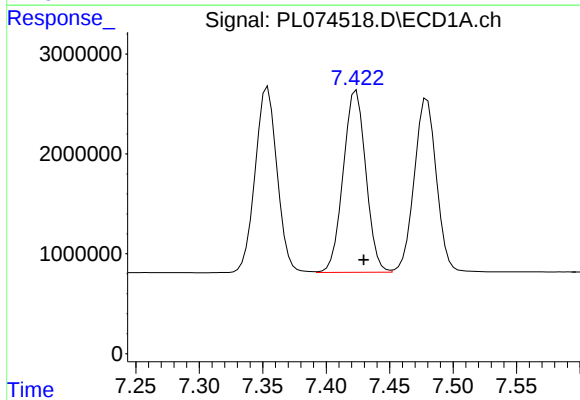
R.T.: 7.354 min  
Delta R.T.: -0.008 min  
Response: 22343220  
Conc: 516.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



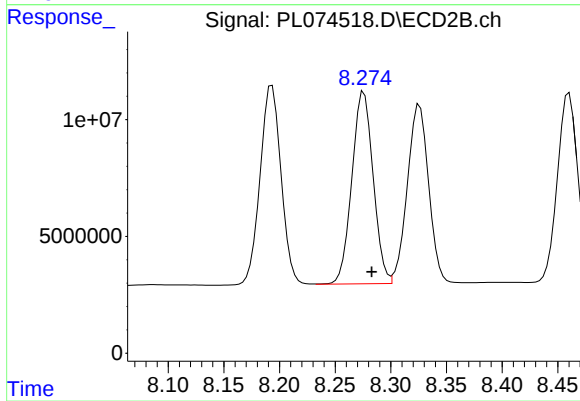
#25 Chlordane-3

R.T.: 8.193 min  
Delta R.T.: -0.003 min  
Response: 111798205  
Conc: 330.47 ng/ml



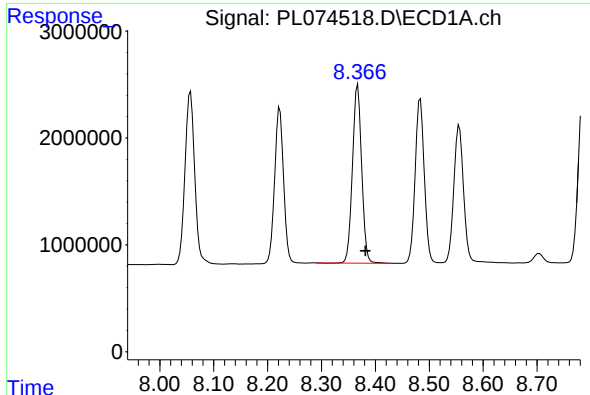
#26 Chlordane-4

R.T.: 7.424 min  
Delta R.T.: -0.006 min  
Response: 22537639  
Conc: 485.60 ng/ml



#26 Chlordane-4

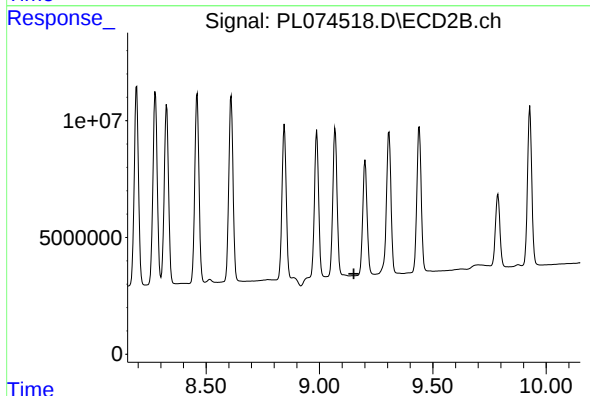
R.T.: 8.276 min  
Delta R.T.: -0.007 min  
Response: 109578305  
Conc: 276.28 ng/ml



#27 Chlordane-5

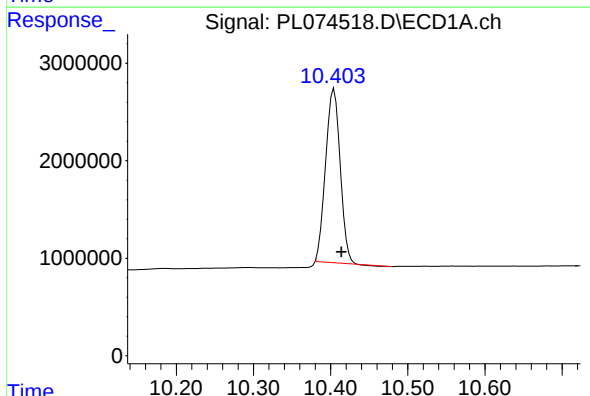
R.T.: 8.367 min  
Delta R.T.: -0.014 min  
Response: 19841604  
Conc: 1137.66 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



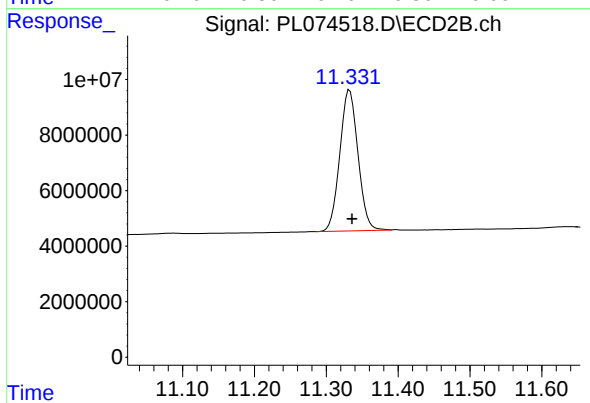
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.405 min  
Delta R.T.: -0.009 min  
Response: 23359929  
Conc: 44.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min  
Delta R.T.: -0.003 min  
Response: 88964520  
Conc: 50.37 ng/ml