

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022822\  
 Data File : PL073021.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Feb 2022 11:21  
 Operator : AR\AJ  
 Sample : PB142923BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 02:20:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 28 02:28:04 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... | 4.656  | 5.487  | 5717322  | 26864636 | 17.841  | 18.512     |
| 28)                         | SA Decachlor... | 10.433 | 11.327 | 9368729  | 31272161 | 20.016  | 19.823     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.365  | 6.050  | 18728855 | 92932929 | 44.444  | 47.119     |
| 3)                          | MA gamma-BHC... | 5.789  | 6.440  | 19133354 | 87271721 | 43.269  | 46.677     |
| 4)                          | MA Heptachlor   | 6.201  | 7.099  | 19564777 | 91140579 | 42.624  | 45.593     |
| 5)                          | MB Aldrin       | 6.526  | 7.467  | 20172641 | 88289997 | 45.486  | 48.243     |
| 6)                          | B beta-BHC      | 6.167  | 6.675  | 9224315  | 39698707 | 41.420  | 44.022     |
| 7)                          | B delta-BHC     | 6.429  | 6.943  | 18902993 | 85863174 | 43.287  | 45.369     |
| 8)                          | B Heptachlo...  | 7.103  | 7.923  | 20284751 | 81543426 | 43.539  | 46.325     |
| 9)                          | A Endosulfan I  | 7.506  | 8.323  | 19234321 | 74089357 | 43.364  | 45.737     |
| 10)                         | B gamma-Chl...  | 7.380  | 8.191  | 20953273 | 83069806 | 44.123  | 46.519     |
| 11)                         | B alpha-Chl...  | 7.450  | 8.274  | 21092152 | 81982377 | 44.070  | 46.566     |
| 12)                         | B 4,4'-DDE      | 7.664  | 8.458  | 17397780 | 73308077 | 44.760  | 46.886     |
| 13)                         | MA Dieldrin     | 7.792  | 8.609  | 20727954 | 77710156 | 46.256  | 48.115     |
| 14)                         | MA Endrin       | 8.082  | 8.843  | 18826862 | 63768923 | 47.414  | 48.173     |
| 15)                         | B Endosulfa...  | 8.394  | 9.066  | 19904033 | 68798131 | 45.891  | 49.714     |
| 16)                         | A 4,4'-DDD      | 8.249  | 8.985  | 15740387 | 60100504 | 45.195  | 45.193     |
| 17)                         | MA 4,4'-DDT     | 8.511  | 9.303  | 17618026 | 63873198 | 46.297  | 46.566     |
| 18)                         | B Endrin al...  | 8.582  | 9.199  | 15840017 | 55353191 | 49.340  | 50.867     |
| 19)                         | B Endosulfa...  | 8.812  | 9.436  | 19829702 | 66283834 | 45.111  | 46.751     |
| 20)                         | A Methoxychlor  | 9.107  | 9.784  | 11377610 | 37519111 | 45.553  | 47.923     |
| 21)                         | B Endrin ke...  | 9.331  | 9.925  | 22964128 | 69872758 | 46.321  | 47.655     |
| 22)                         | Mirex           | 9.521  | 10.402 | 23765198 | 65131589 | 42.120  | 44.350     |
| 24)                         | Chlordane-2     | 6.692f | 7.467f | 65087    | 88289997 | 3.283   | 1188.985 # |
| 25)                         | Chlordane-3     | 7.380  | 8.191  | 20953273 | 83069806 | 423.681 | 309.885 #  |
| 26)                         | Chlordane-4     | 7.450  | 8.274  | 21092152 | 81982377 | 398.664 | 249.982 #  |
| 27)                         | Chlordane-5     | 8.394  | 0.000  | 19904033 | 0        | 989.113 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

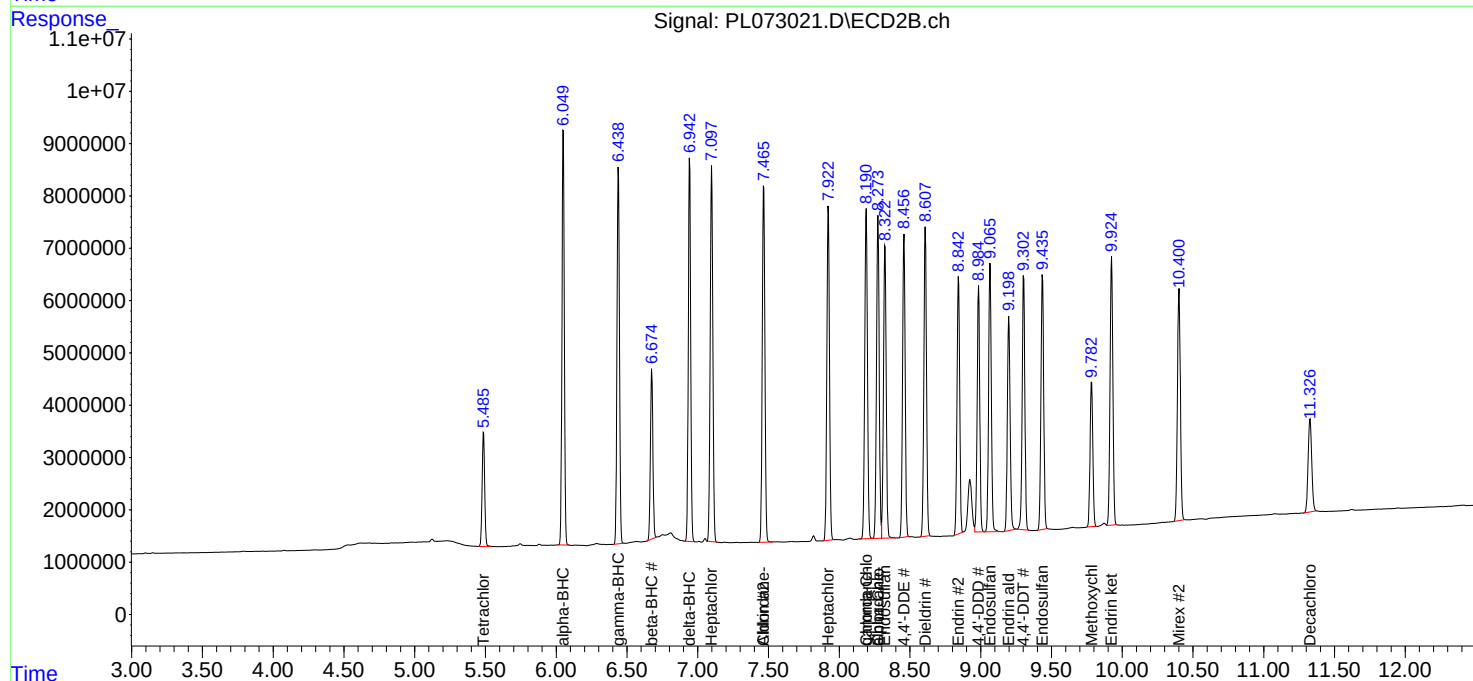
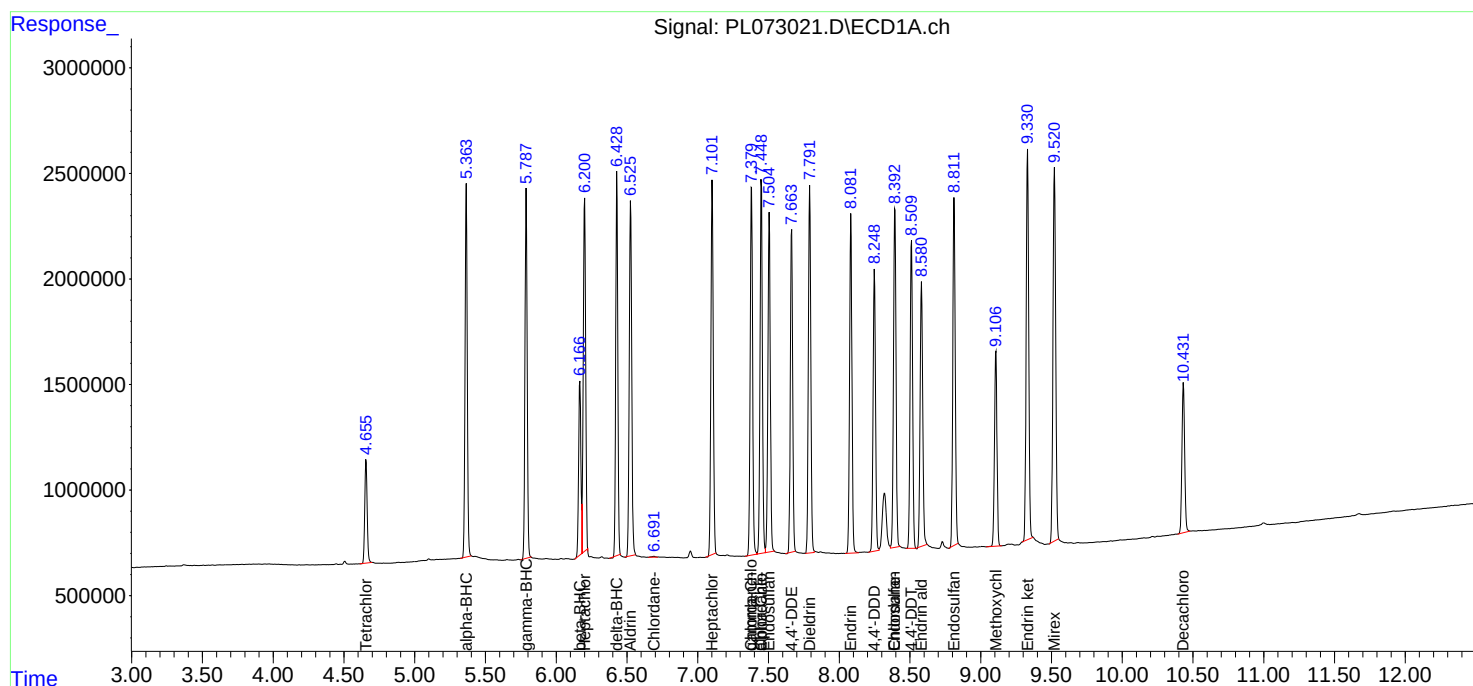
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

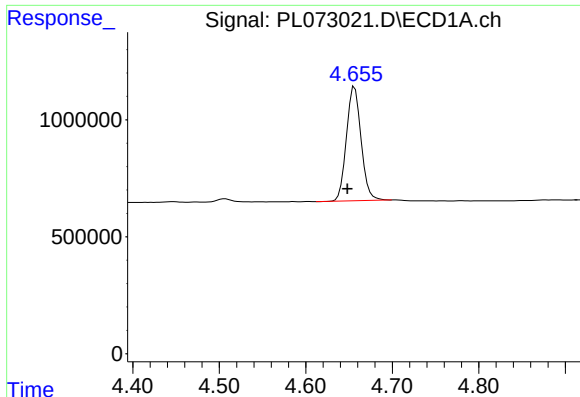
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022822\  
Data File : PL073021.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Feb 2022 11:21  
Operator : AR\AJ  
Sample : PB142923BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 02:20:11 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022622.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 28 02:28:04 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

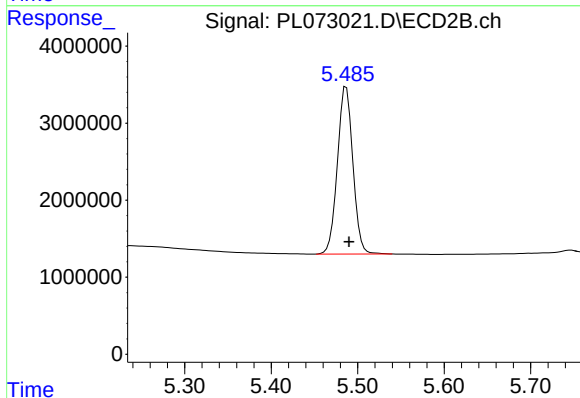




#1 Tetrachloro-m-xylene

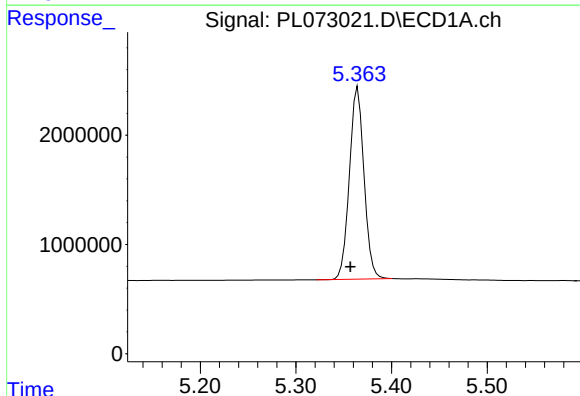
R.T.: 4.656 min  
Delta R.T.: 0.008 min  
Response: 5717322  
Conc: 17.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



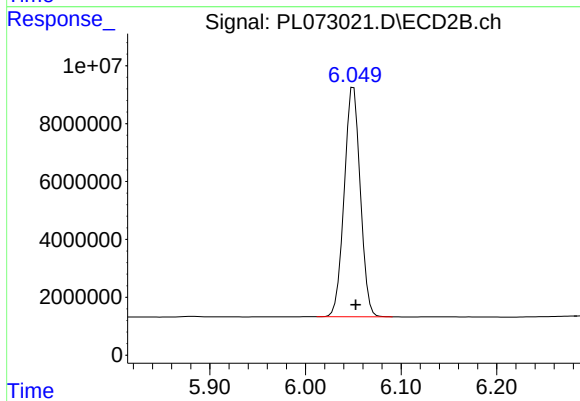
#1 Tetrachloro-m-xylene

R.T.: 5.487 min  
Delta R.T.: -0.003 min  
Response: 26864636  
Conc: 18.51 ng/ml



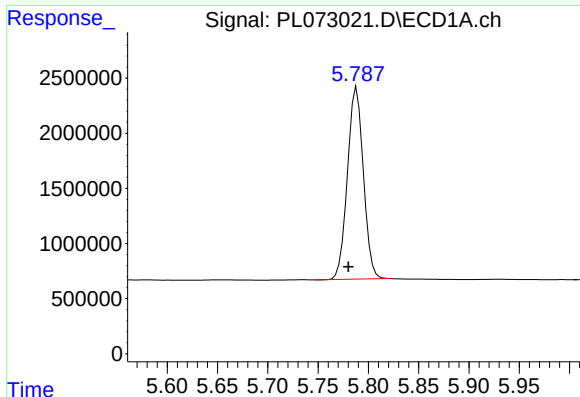
#2 alpha-BHC

R.T.: 5.365 min  
Delta R.T.: 0.008 min  
Response: 18728855  
Conc: 44.44 ng/ml



#2 alpha-BHC

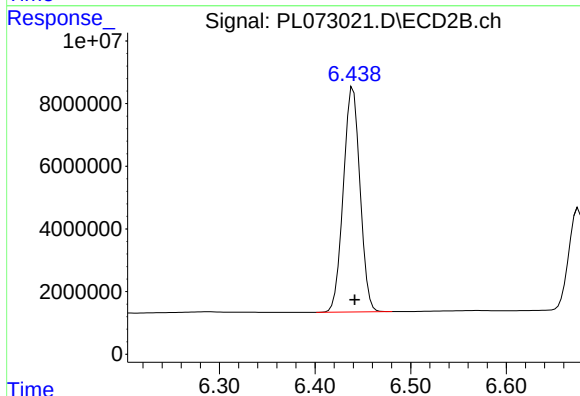
R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 92932929  
Conc: 47.12 ng/ml



#3 gamma-BHC (Lindane)

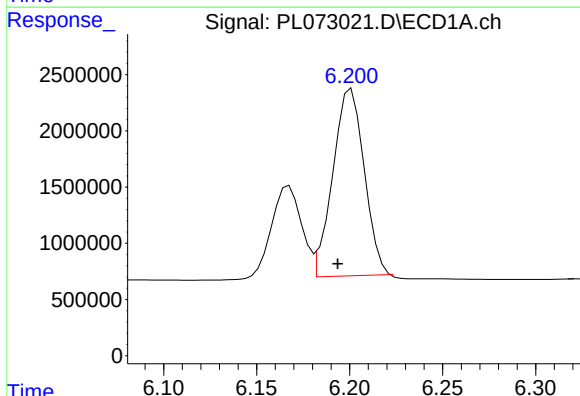
R.T.: 5.789 min  
Delta R.T.: 0.008 min  
Response: 19133354  
Conc: 43.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



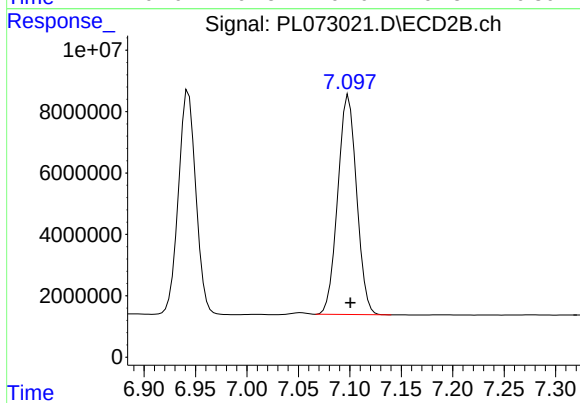
#3 gamma-BHC (Lindane)

R.T.: 6.440 min  
Delta R.T.: -0.002 min  
Response: 87271721  
Conc: 46.68 ng/ml



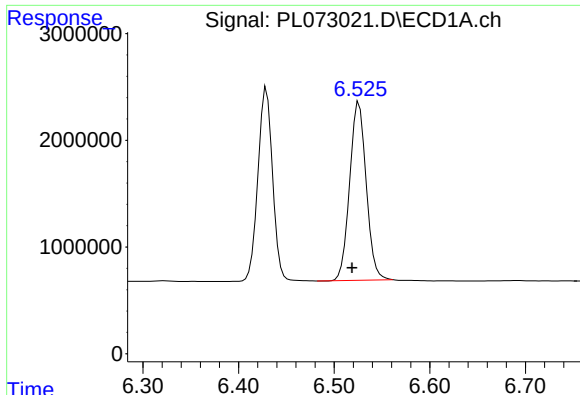
#4 Heptachlor

R.T.: 6.201 min  
Delta R.T.: 0.007 min  
Response: 19564777  
Conc: 42.62 ng/ml



#4 Heptachlor

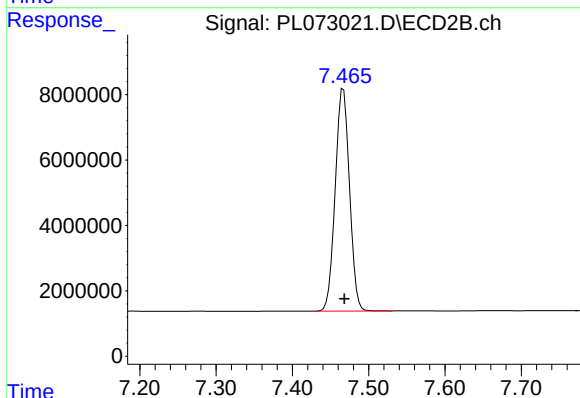
R.T.: 7.099 min  
Delta R.T.: -0.002 min  
Response: 91140579  
Conc: 45.59 ng/ml



#5 Aldrin

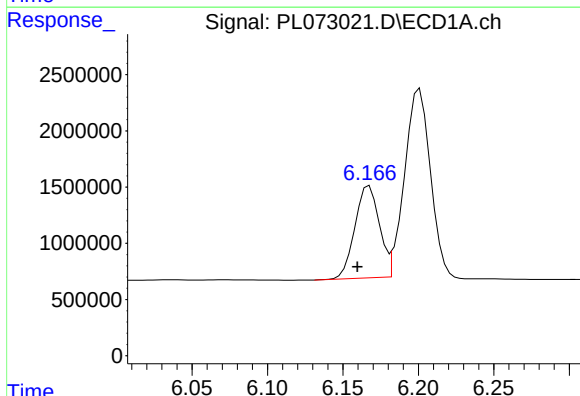
R.T.: 6.526 min  
Delta R.T.: 0.007 min  
Response: 20172641  
Conc: 45.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



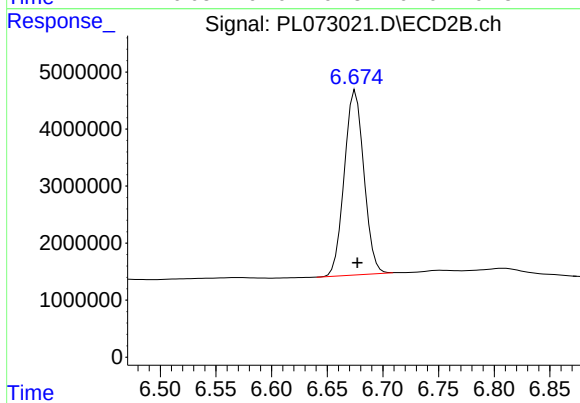
#5 Aldrin

R.T.: 7.467 min  
Delta R.T.: -0.002 min  
Response: 88289997  
Conc: 48.24 ng/ml



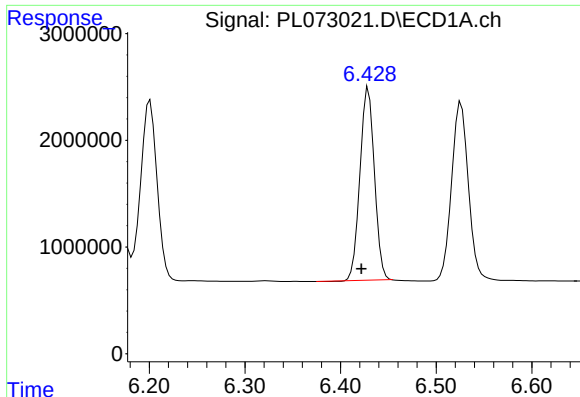
#6 beta-BHC

R.T.: 6.167 min  
Delta R.T.: 0.008 min  
Response: 9224315  
Conc: 41.42 ng/ml



#6 beta-BHC

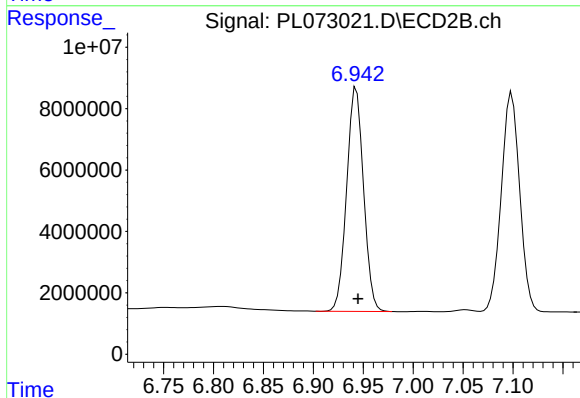
R.T.: 6.675 min  
Delta R.T.: -0.002 min  
Response: 39698707  
Conc: 44.02 ng/ml



#7 delta-BHC

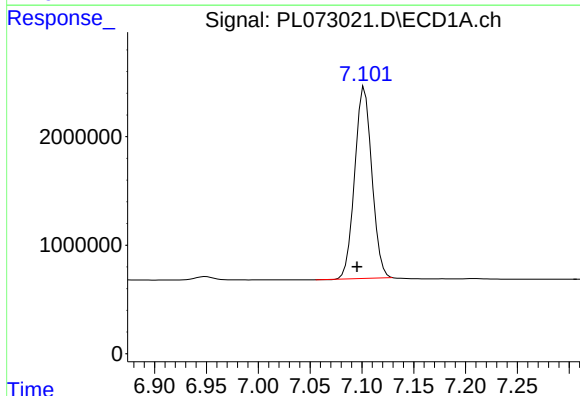
R.T.: 6.429 min  
Delta R.T.: 0.007 min  
Response: 18902993  
Conc: 43.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



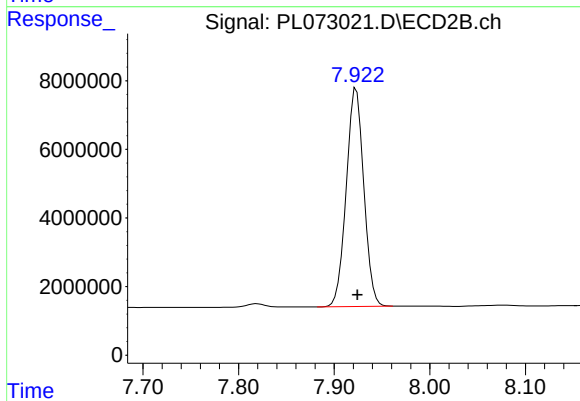
#7 delta-BHC

R.T.: 6.943 min  
Delta R.T.: -0.002 min  
Response: 85863174  
Conc: 45.37 ng/ml



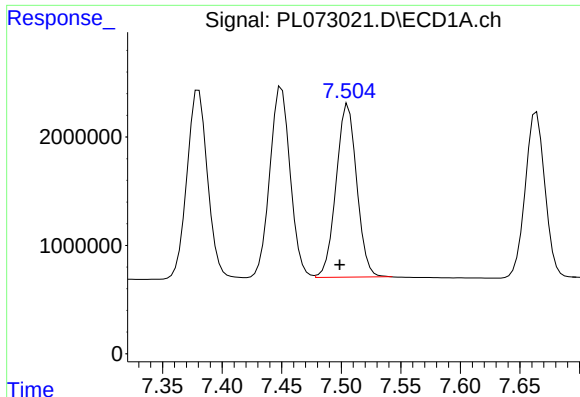
#8 Heptachlor epoxide

R.T.: 7.103 min  
Delta R.T.: 0.007 min  
Response: 20284751  
Conc: 43.54 ng/ml



#8 Heptachlor epoxide

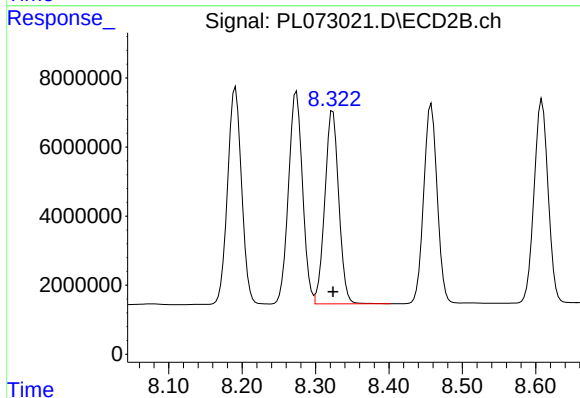
R.T.: 7.923 min  
Delta R.T.: 0.000 min  
Response: 81543426  
Conc: 46.33 ng/ml



#9 Endosulfan I

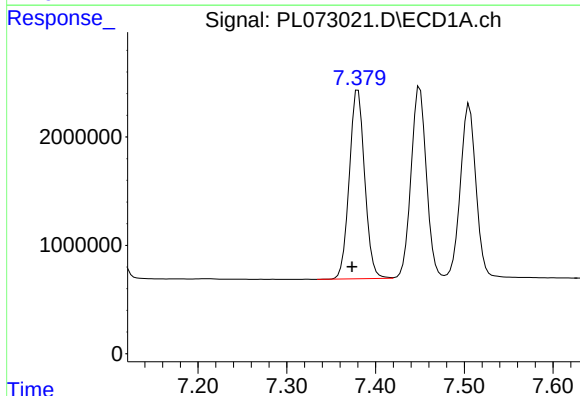
R.T.: 7.506 min  
Delta R.T.: 0.007 min  
Response: 19234321  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



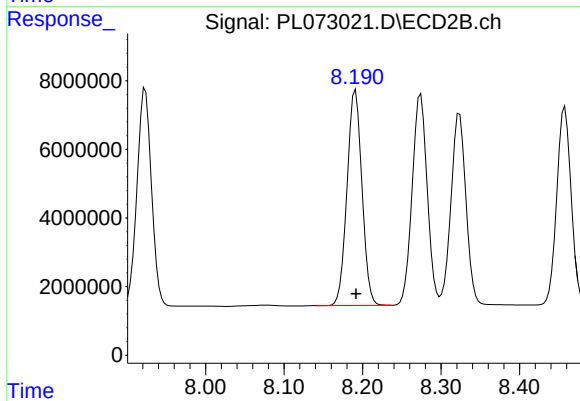
#9 Endosulfan I

R.T.: 8.323 min  
Delta R.T.: 0.000 min  
Response: 74089357  
Conc: 45.74 ng/ml



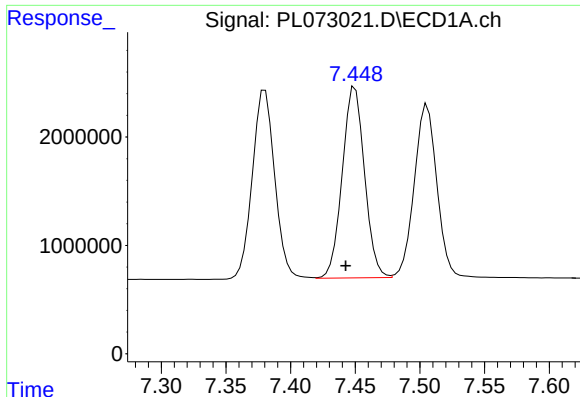
#10 gamma-Chlordane

R.T.: 7.380 min  
Delta R.T.: 0.007 min  
Response: 20953273  
Conc: 44.12 ng/ml



#10 gamma-Chlordane

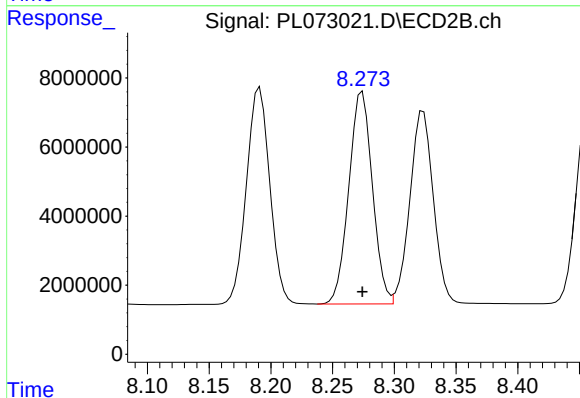
R.T.: 8.191 min  
Delta R.T.: 0.000 min  
Response: 83069806  
Conc: 46.52 ng/ml



#11 alpha-Chlordane

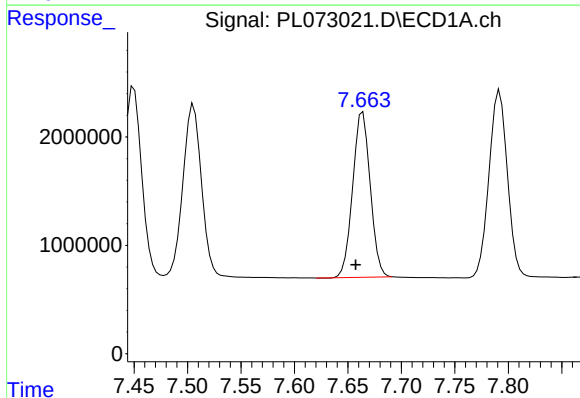
R.T.: 7.450 min  
Delta R.T.: 0.007 min  
Response: 21092152  
Conc: 44.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



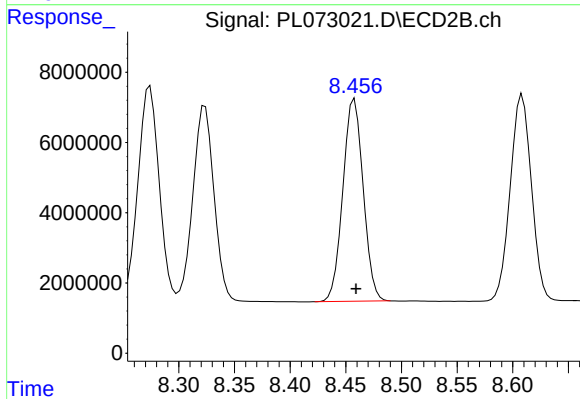
#11 alpha-Chlordane

R.T.: 8.274 min  
Delta R.T.: 0.000 min  
Response: 81982377  
Conc: 46.57 ng/ml



#12 4,4'-DDE

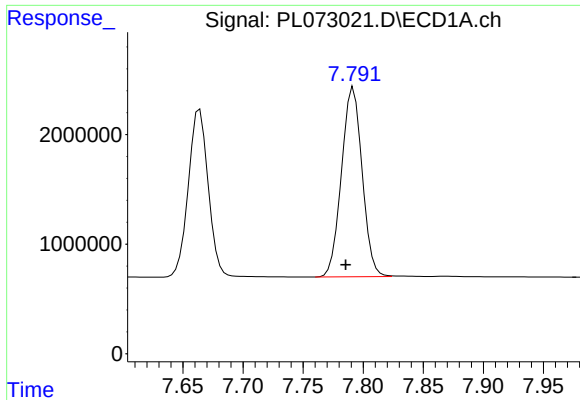
R.T.: 7.664 min  
Delta R.T.: 0.007 min  
Response: 17397780  
Conc: 44.76 ng/ml



#12 4,4'-DDE

R.T.: 8.458 min  
Delta R.T.: -0.001 min  
Response: 73308077  
Conc: 46.89 ng/ml

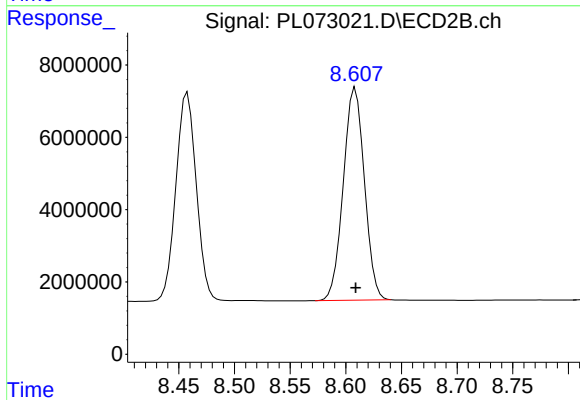




#13 Dieldrin

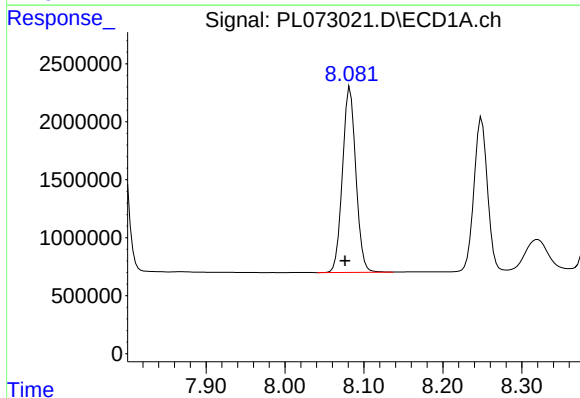
R.T.: 7.792 min  
Delta R.T.: 0.007 min  
Response: 20727954  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



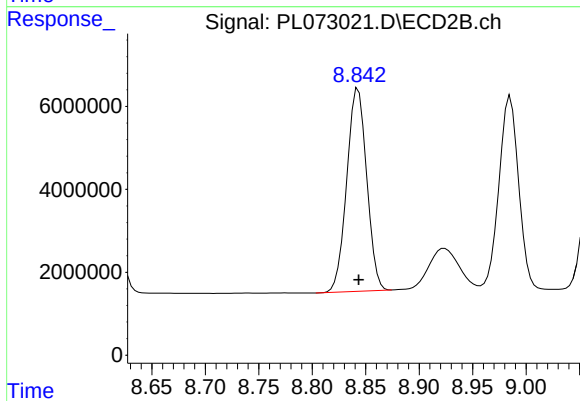
#13 Dieldrin

R.T.: 8.609 min  
Delta R.T.: 0.000 min  
Response: 77710156  
Conc: 48.11 ng/ml



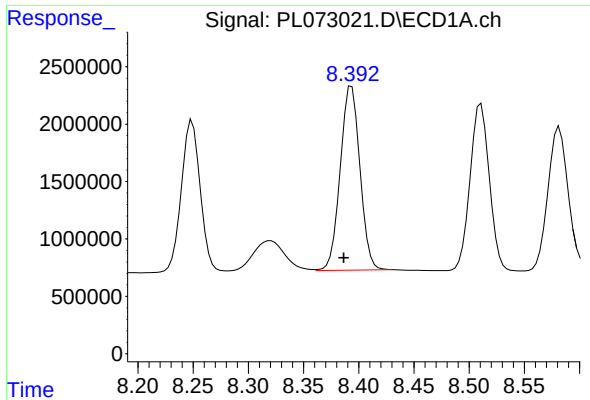
#14 Endrin

R.T.: 8.082 min  
Delta R.T.: 0.006 min  
Response: 18826862  
Conc: 47.41 ng/ml



#14 Endrin

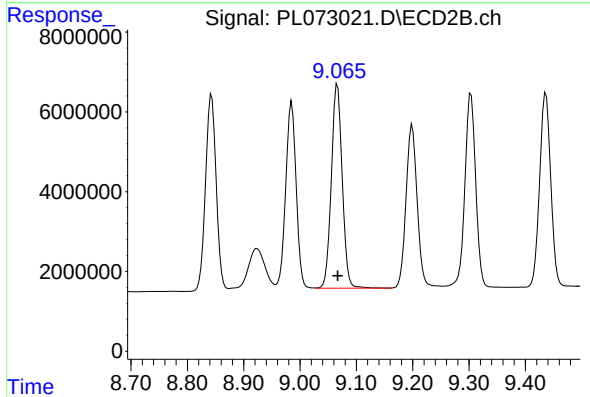
R.T.: 8.843 min  
Delta R.T.: 0.000 min  
Response: 63768923  
Conc: 48.17 ng/ml



#15 Endosulfan II

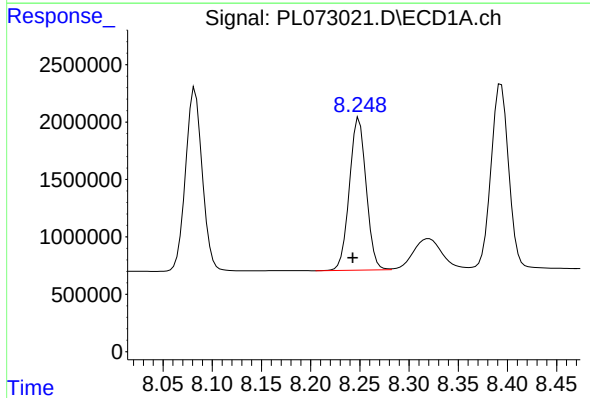
R.T.: 8.394 min  
Delta R.T.: 0.007 min  
Response: 19904033  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



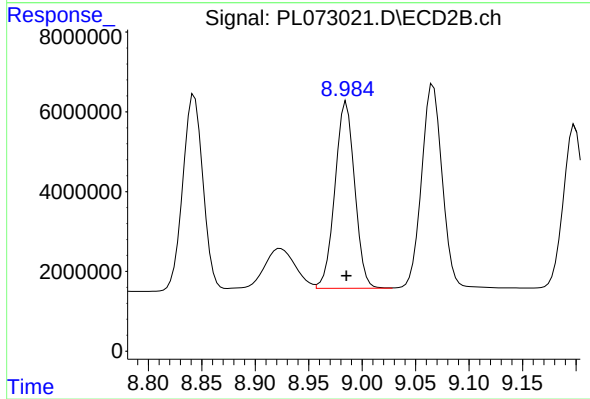
#15 Endosulfan II

R.T.: 9.066 min  
Delta R.T.: 0.000 min  
Response: 68798131  
Conc: 49.71 ng/ml



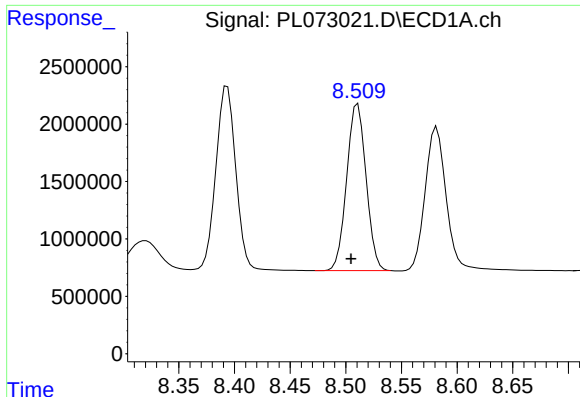
#16 4,4'-DDD

R.T.: 8.249 min  
Delta R.T.: 0.007 min  
Response: 15740387  
Conc: 45.19 ng/ml



#16 4,4'-DDD

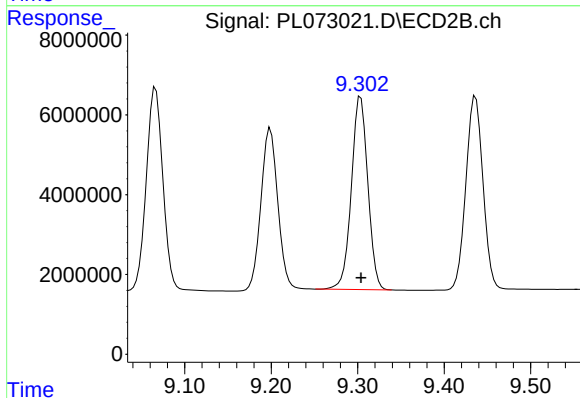
R.T.: 8.985 min  
Delta R.T.: 0.000 min  
Response: 60100504  
Conc: 45.19 ng/ml



#17 4,4'-DDT

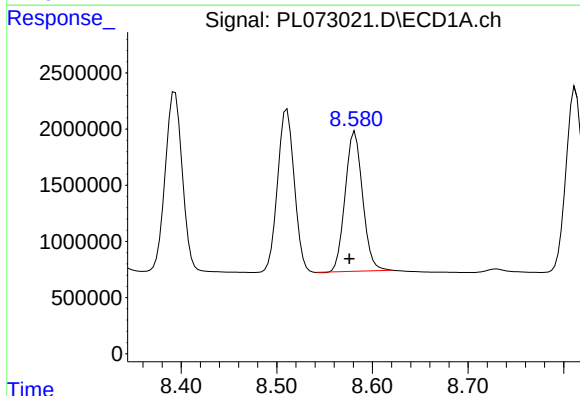
R.T.: 8.511 min  
Delta R.T.: 0.006 min  
Response: 17618026  
Conc: 46.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



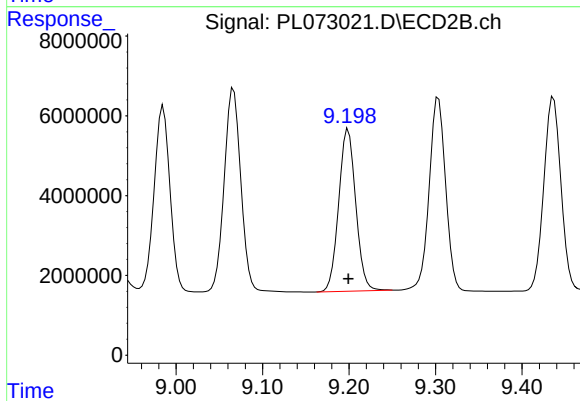
#17 4,4'-DDT

R.T.: 9.303 min  
Delta R.T.: 0.000 min  
Response: 63873198  
Conc: 46.57 ng/ml



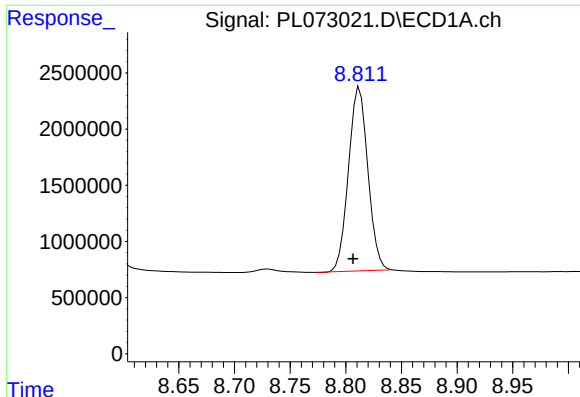
#18 Endrin aldehyde

R.T.: 8.582 min  
Delta R.T.: 0.006 min  
Response: 15840017  
Conc: 49.34 ng/ml



#18 Endrin aldehyde

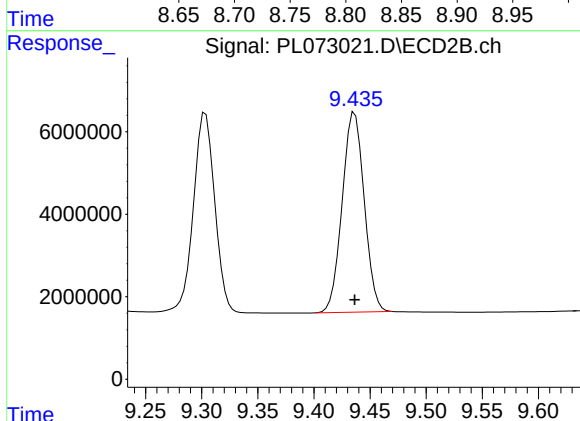
R.T.: 9.199 min  
Delta R.T.: 0.000 min  
Response: 55353191  
Conc: 50.87 ng/ml



#19 Endosulfan Sulfate

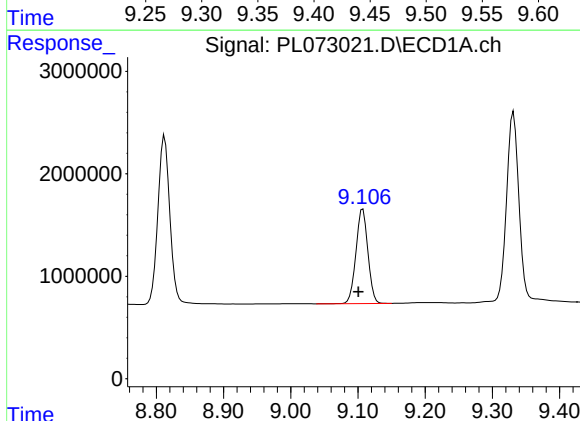
R.T.: 8.812 min  
Delta R.T.: 0.006 min  
Response: 19829702  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



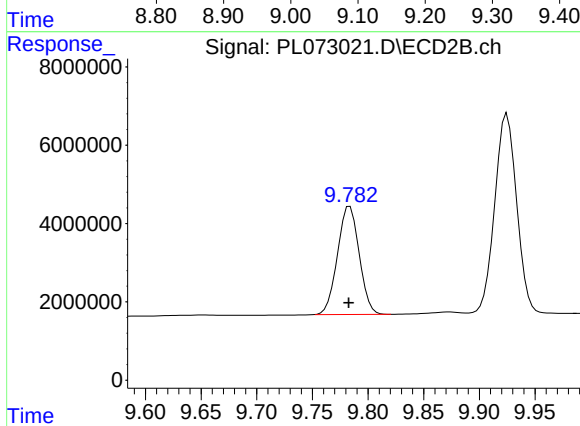
#19 Endosulfan Sulfate

R.T.: 9.436 min  
Delta R.T.: 0.000 min  
Response: 66283834  
Conc: 46.75 ng/ml



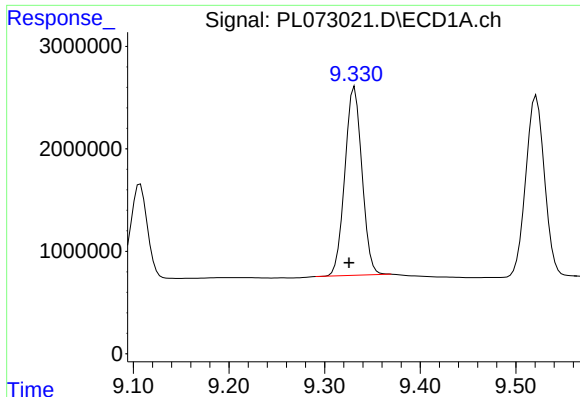
#20 Methoxychlor

R.T.: 9.107 min  
Delta R.T.: 0.006 min  
Response: 11377610  
Conc: 45.55 ng/ml



#20 Methoxychlor

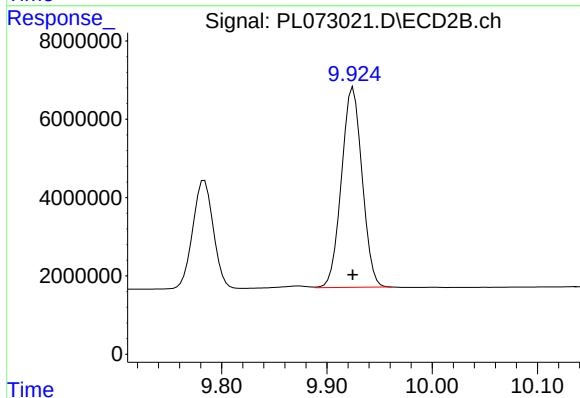
R.T.: 9.784 min  
Delta R.T.: 0.000 min  
Response: 37519111  
Conc: 47.92 ng/ml



#21 Endrin ketone

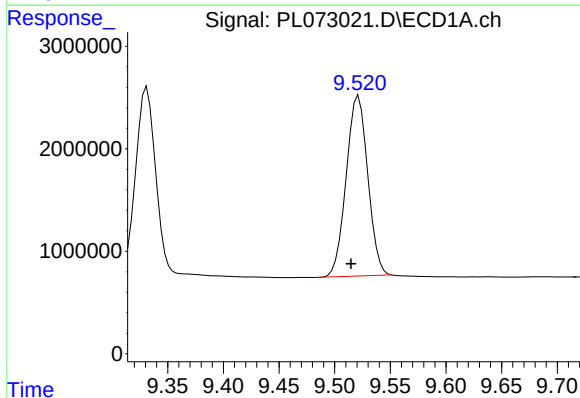
R.T.: 9.331 min  
Delta R.T.: 0.006 min  
Response: 22964128  
Conc: 46.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



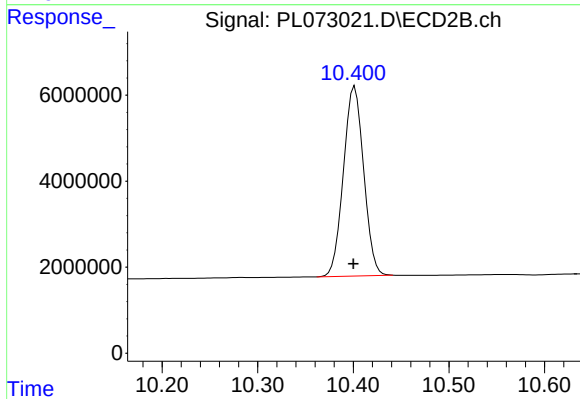
#21 Endrin ketone

R.T.: 9.925 min  
Delta R.T.: 0.000 min  
Response: 69872758  
Conc: 47.66 ng/ml



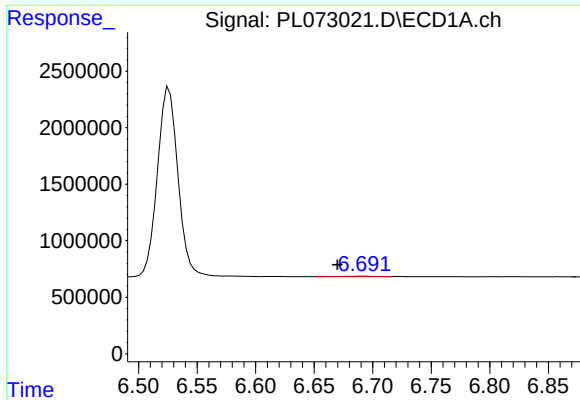
#22 Mirex

R.T.: 9.521 min  
Delta R.T.: 0.007 min  
Response: 23765198  
Conc: 42.12 ng/ml



#22 Mirex

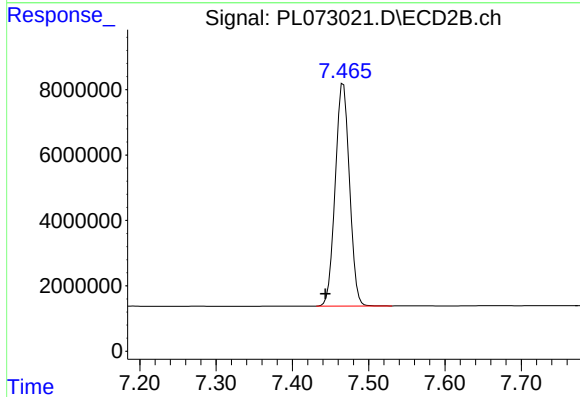
R.T.: 10.402 min  
Delta R.T.: 0.001 min  
Response: 65131589  
Conc: 44.35 ng/ml



#24 Chlordane-2

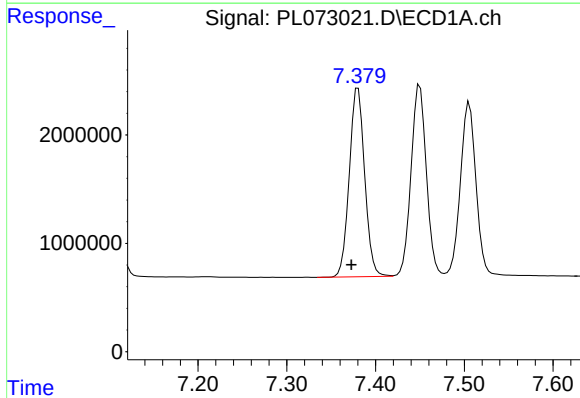
R.T.: 6.692 min  
Delta R.T.: 0.022 min  
Response: 65087  
Conc: 3.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



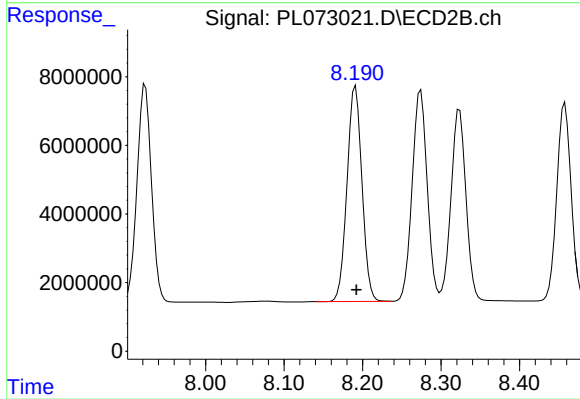
#24 Chlordane-2

R.T.: 7.467 min  
Delta R.T.: 0.024 min  
Response: 88289997  
Conc: 1188.98 ng/ml



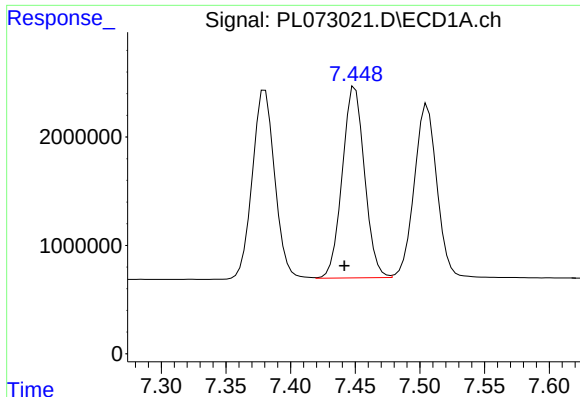
#25 Chlordane-3

R.T.: 7.380 min  
Delta R.T.: 0.008 min  
Response: 20953273  
Conc: 423.68 ng/ml



#25 Chlordane-3

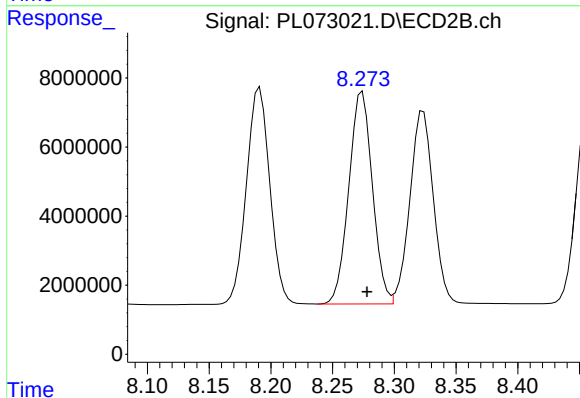
R.T.: 8.191 min  
Delta R.T.: -0.001 min  
Response: 83069806  
Conc: 309.88 ng/ml



#26 Chlordane-4

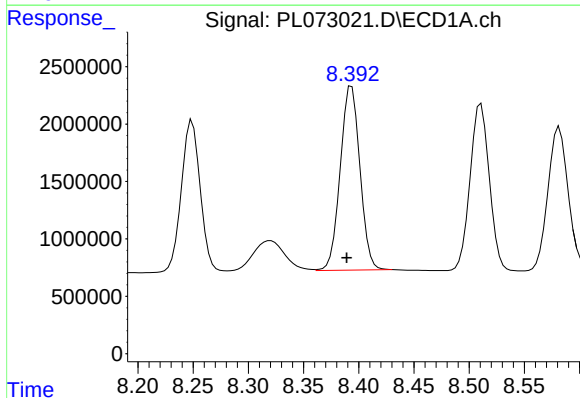
R.T.: 7.450 min  
Delta R.T.: 0.008 min  
Response: 21092152  
Conc: 398.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



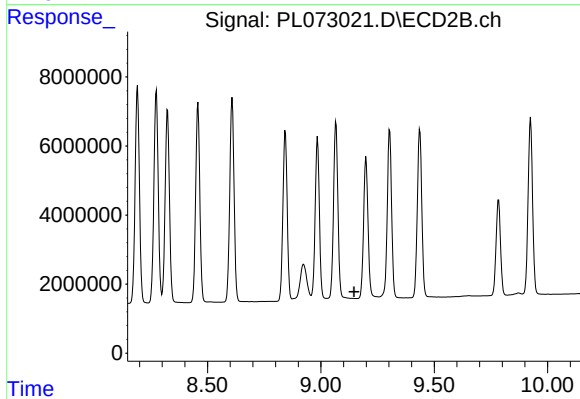
#26 Chlordane-4

R.T.: 8.274 min  
Delta R.T.: -0.004 min  
Response: 81982377  
Conc: 249.98 ng/ml



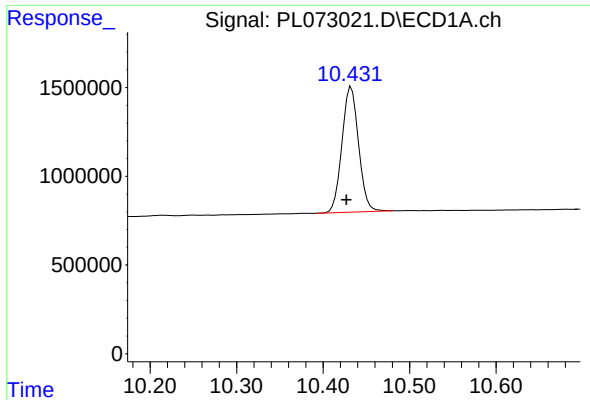
#27 Chlordane-5

R.T.: 8.394 min  
Delta R.T.: 0.004 min  
Response: 19904033  
Conc: 989.11 ng/ml



#27 Chlordane-5

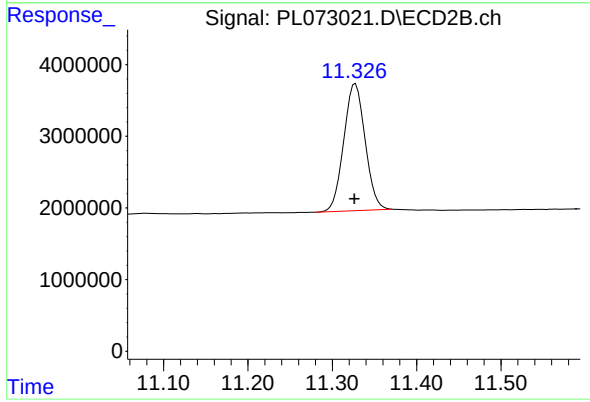
R.T.: 0.000 min  
Exp R.T. : 9.147 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.433 min  
Delta R.T.: 0.005 min  
Response: 9368729  
Conc: 20.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.327 min  
Delta R.T.: 0.001 min  
Response: 31272161  
Conc: 19.82 ng/ml