

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041222\  
 Data File : PL073987.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2022 17:52  
 Operator : AR\AJ  
 Sample : N2335-03MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 13 02:29:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 08 15:48:40 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... | 4.639  | 5.489  | 6408918  | 37026043 | 19.835   | 20.767     |
| 28)                         | SA Decachlor... | 10.410 | 11.331 | 10026181 | 36306160 | 19.280   | 20.555     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.346  | 6.052  | 24317376 | 157.2E6  | 57.945   | 62.444     |
| 3)                          | MA gamma-BHC... | 5.770  | 6.442  | 23673786 | 144.5E6  | 56.447   | 61.048     |
| 4)                          | MA Heptachlor   | 6.181  | 7.100  | 23438228 | 145.5E6  | 52.032   | 55.798     |
| 5)                          | MB Aldrin       | 6.506  | 7.468  | 23762011 | 146.9E6  | 57.251   | 62.541     |
| 6)                          | B beta-BHC      | 6.150  | 6.678  | 10732247 | 62331663 | 52.525   | 55.307     |
| 7)                          | B delta-BHC     | 6.412  | 6.946  | 24008294 | 147.2E6  | 58.037   | 60.256     |
| 8)                          | B Heptachlo...  | 7.083  | 7.925  | 23757503 | 130.6E6  | 55.387   | 57.991     |
| 9)                          | A Endosulfan I  | 7.486  | 8.325  | 22404052 | 116.2E6  | 54.628   | 59.041     |
| 10)                         | B gamma-Chl...  | 7.361  | 8.193  | 24317473 | 131.5E6  | 55.445   | 58.942     |
| 11)                         | B alpha-Chl...  | 7.430  | 8.276  | 24364435 | 127.4E6  | 55.151   | 59.179     |
| 12)                         | B 4,4'-DDE      | 7.644  | 8.460  | 20858469 | 121.0E6  | 57.175   | 60.727     |
| 13)                         | MA Dieldrin     | 7.772  | 8.610  | 23871617 | 123.7E6  | 55.571   | 61.703     |
| 14)                         | MA Endrin       | 8.063  | 8.845  | 22199383 | 99817518 | 54.647   | 58.936     |
| 15)                         | B Endosulfa...  | 8.374  | 9.069  | 23411358 | 101.6E6  | 56.802   | 58.474     |
| 16)                         | A 4,4'-DDD      | 8.229  | 8.988  | 19281640 | 96343507 | 59.709   | 62.618     |
| 17)                         | MA 4,4'-DDT     | 8.491  | 9.306  | 18220833 | 85990053 | 49.294   | 48.509     |
| 18)                         | B Endrin al...  | 8.562  | 9.202  | 19432242 | 81651509 | 60.059   | 63.216     |
| 19)                         | B Endosulfa...  | 8.794  | 9.439  | 23755917 | 95265055 | 55.632   | 57.239     |
| 20)                         | A Methoxychlor  | 9.086  | 9.786  | 11897209 | 44487796 | 47.921   | 46.252     |
| 21)                         | B Endrin ke...  | 9.313  | 9.928  | 28639252 | 101.4E6  | 58.621   | 58.605     |
| 22)                         | Mirex           | 9.500  | 10.404 | 24744020 | 75516991 | 53.053   | 54.826     |
| 23)                         | Chlordane-1     | 0.000  | 6.849  | 0        | 706956   | N.D.     | 8.859 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.468f | 0        | 146.9E6  | N.D.     | 1777.450 # |
| 25)                         | Chlordane-3     | 7.361  | 8.193  | 24317473 | 131.5E6  | 562.098  | 388.593 #  |
| 26)                         | Chlordane-4     | 7.430  | 8.276  | 24364435 | 127.4E6  | 524.957  | 321.181 #  |
| 27)                         | Chlordane-5     | 8.374  | 0.000  | 23411358 | 0        | 1342.341 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

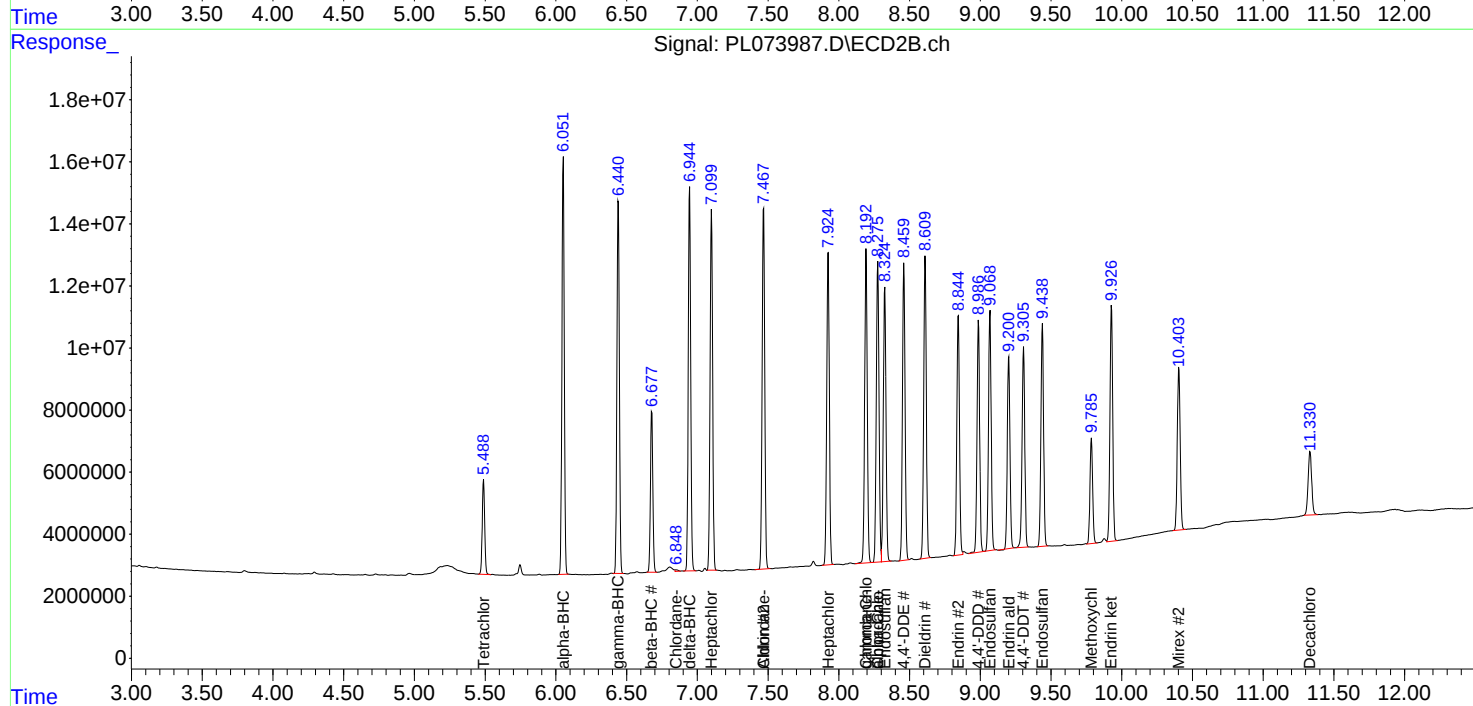
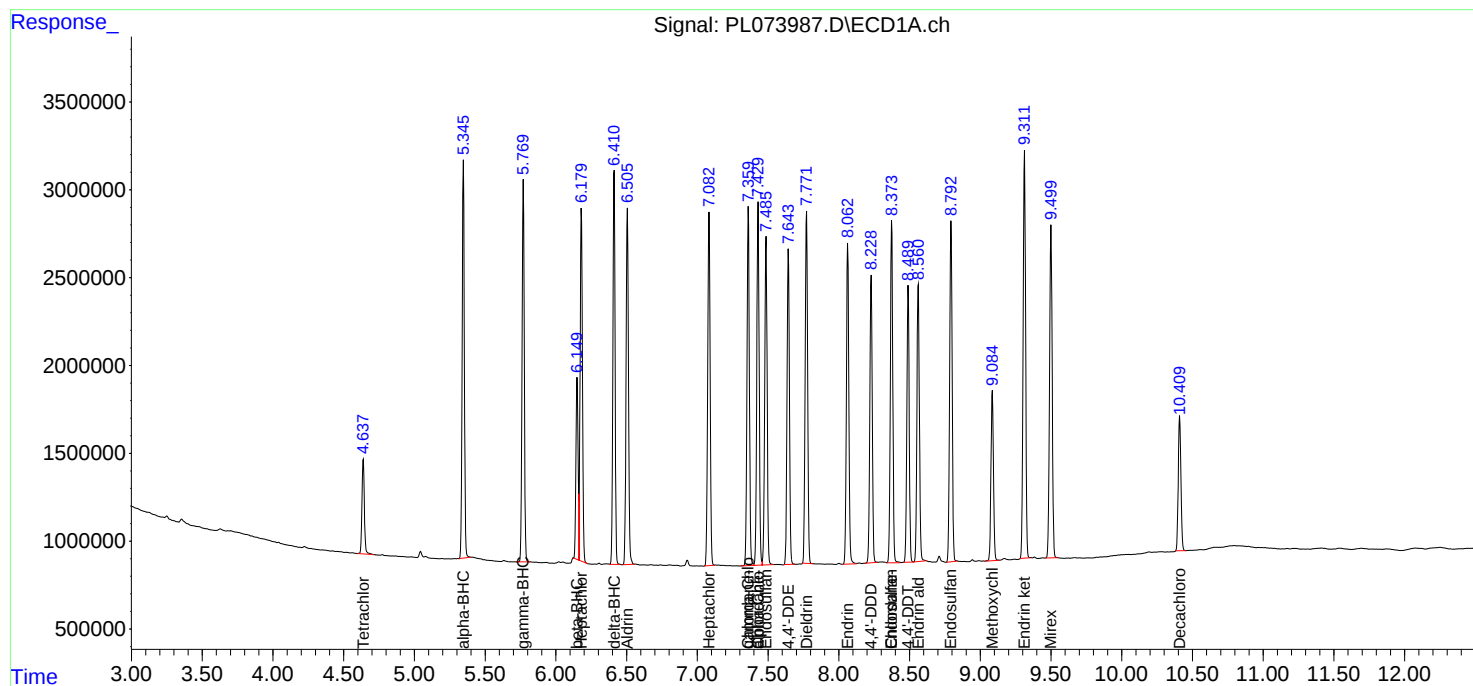
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

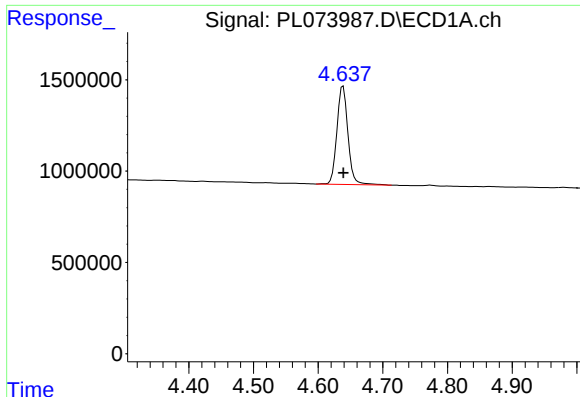
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041222\  
Data File : PL073987.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2022 17:52  
Operator : AR\AJ  
Sample : N2335-03MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 02:29:12 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 08 15:48:40 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

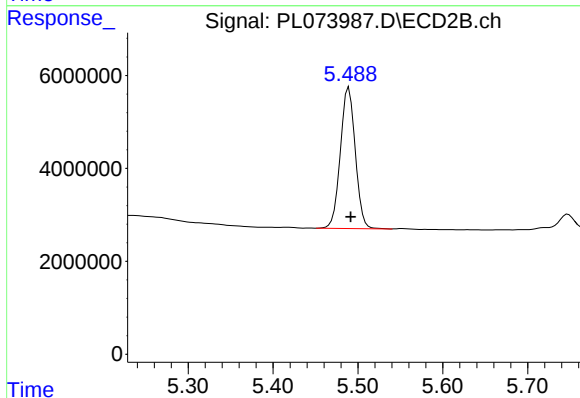




#1 Tetrachloro-m-xylene

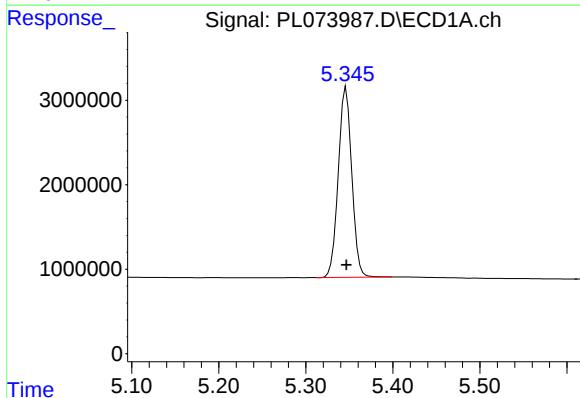
R.T.: 4.639 min  
Delta R.T.: 0.000 min  
Response: 6408918  
Conc: 19.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



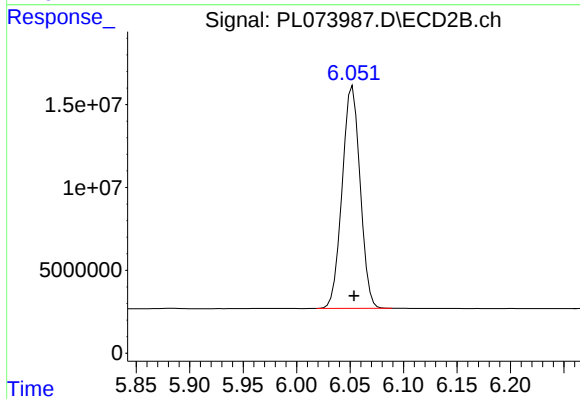
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 37026043  
Conc: 20.77 ng/ml



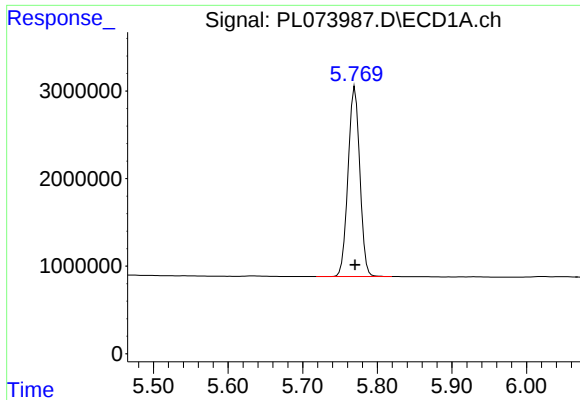
#2 alpha-BHC

R.T.: 5.346 min  
Delta R.T.: 0.000 min  
Response: 24317376  
Conc: 57.95 ng/ml



#2 alpha-BHC

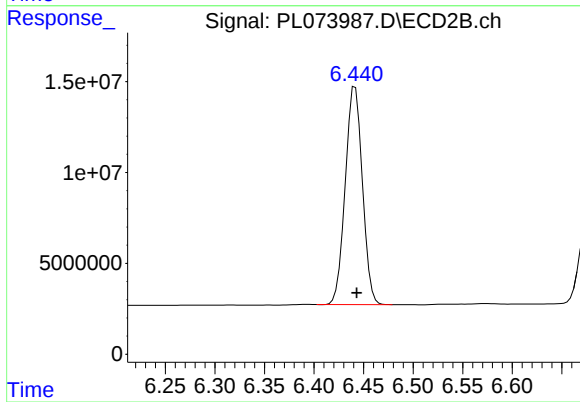
R.T.: 6.052 min  
Delta R.T.: -0.001 min  
Response: 157240057  
Conc: 62.44 ng/ml



#3 gamma-BHC (Lindane)

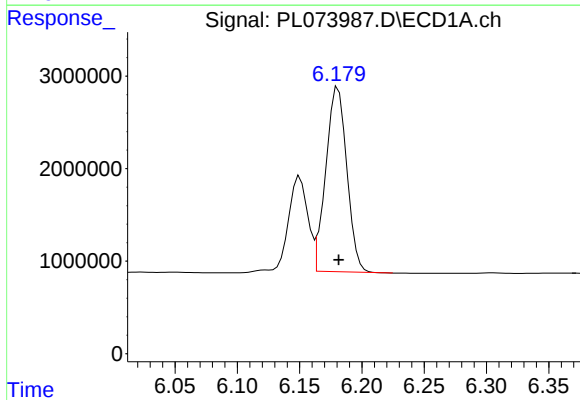
R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 23673786  
Conc: 56.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



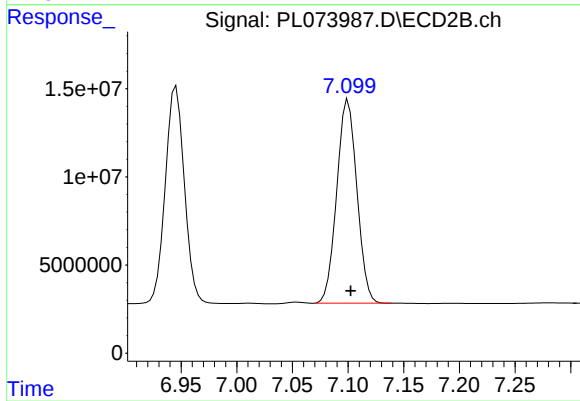
#3 gamma-BHC (Lindane)

R.T.: 6.442 min  
Delta R.T.: -0.002 min  
Response: 144507513  
Conc: 61.05 ng/ml



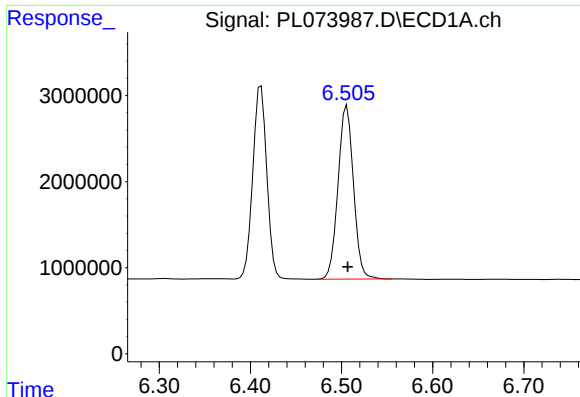
#4 Heptachlor

R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 23438228  
Conc: 52.03 ng/ml



#4 Heptachlor

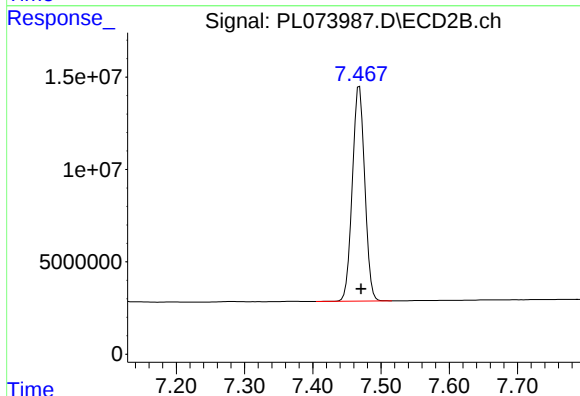
R.T.: 7.100 min  
Delta R.T.: -0.002 min  
Response: 145545654  
Conc: 55.80 ng/ml



#5 Aldrin

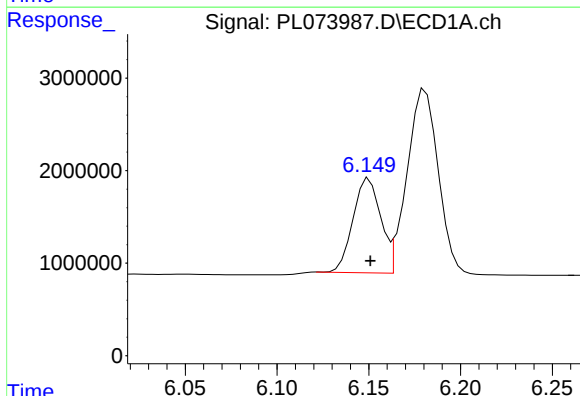
R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 23762011  
Conc: 57.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



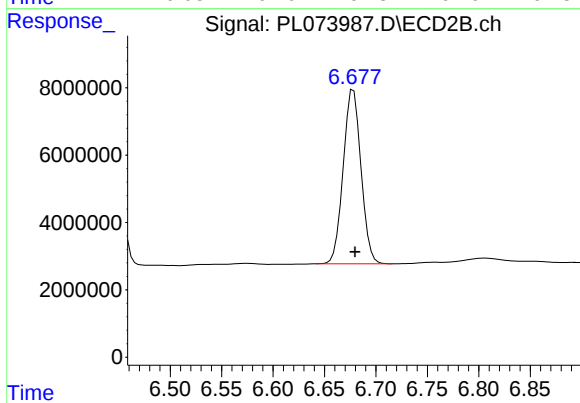
#5 Aldrin

R.T.: 7.468 min  
Delta R.T.: -0.002 min  
Response: 146883469  
Conc: 62.54 ng/ml



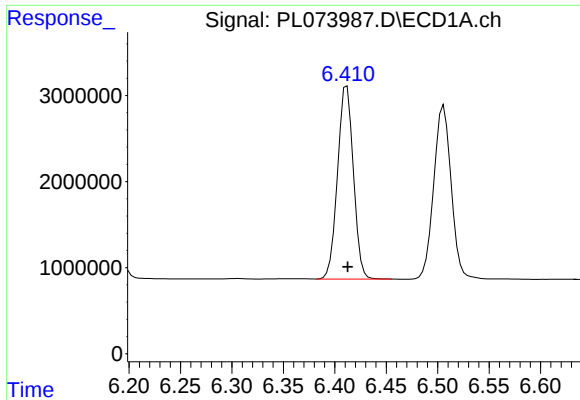
#6 beta-BHC

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 10732247  
Conc: 52.52 ng/ml



#6 beta-BHC

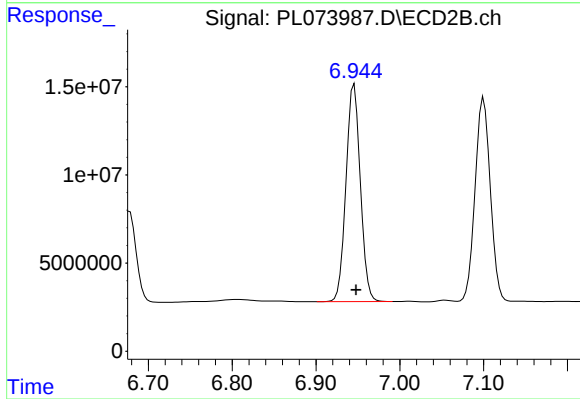
R.T.: 6.678 min  
Delta R.T.: -0.002 min  
Response: 62331663  
Conc: 55.31 ng/ml



#7 delta-BHC

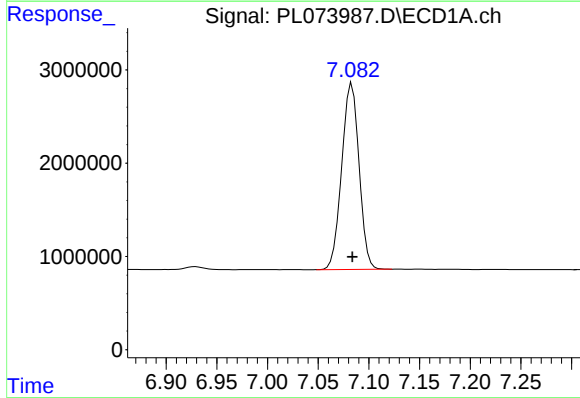
R.T.: 6.412 min  
Delta R.T.: 0.000 min  
Response: 24008294  
Conc: 58.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



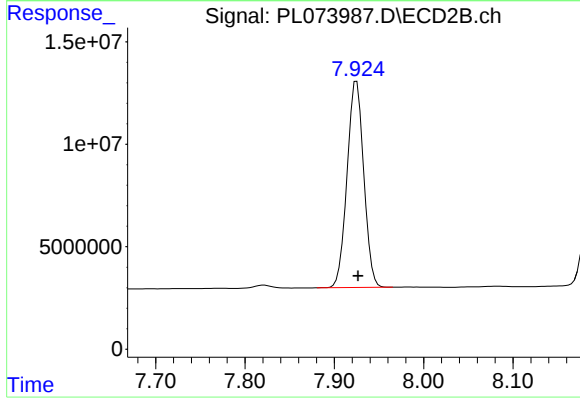
#7 delta-BHC

R.T.: 6.946 min  
Delta R.T.: -0.002 min  
Response: 147160505  
Conc: 60.26 ng/ml



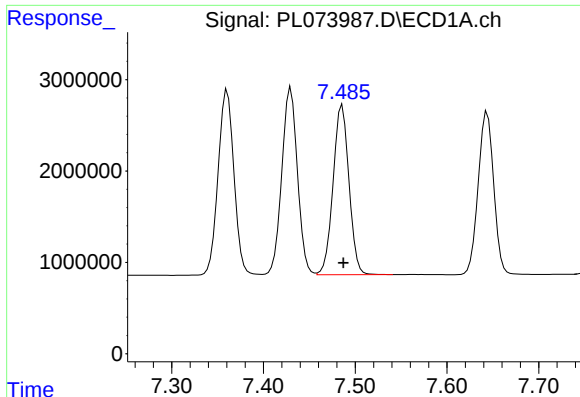
#8 Heptachlor epoxide

R.T.: 7.083 min  
Delta R.T.: 0.000 min  
Response: 23757503  
Conc: 55.39 ng/ml



#8 Heptachlor epoxide

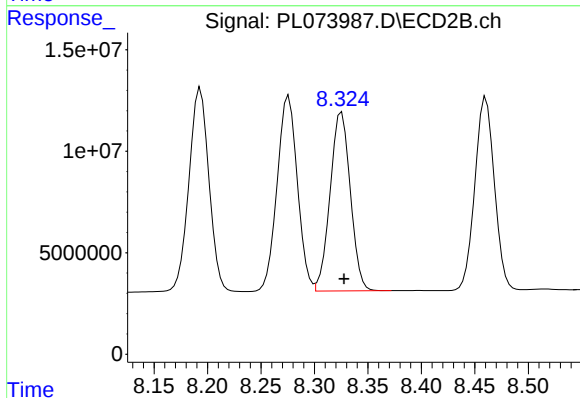
R.T.: 7.925 min  
Delta R.T.: -0.002 min  
Response: 130569451  
Conc: 57.99 ng/ml



#9 Endosulfan I

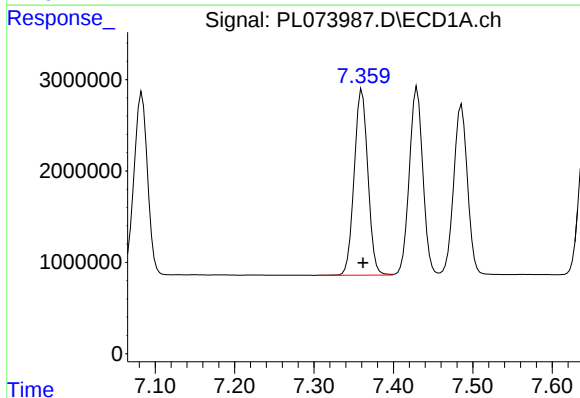
R.T.: 7.486 min  
Delta R.T.: -0.001 min  
Response: 22404052  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



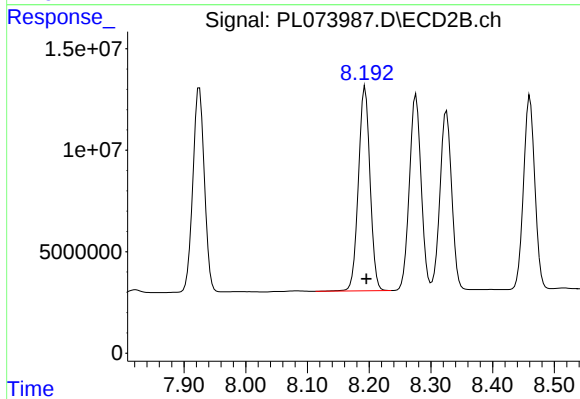
#9 Endosulfan I

R.T.: 8.325 min  
Delta R.T.: -0.002 min  
Response: 116230931  
Conc: 59.04 ng/ml



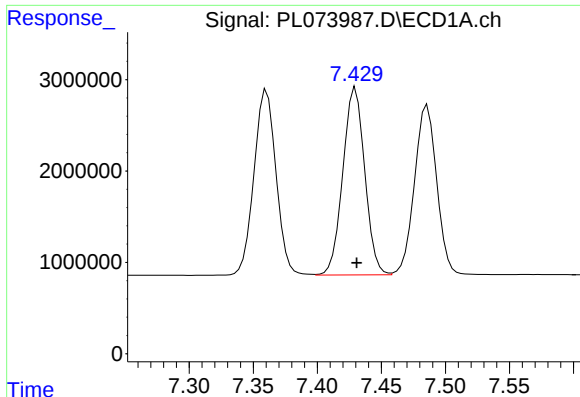
#10 gamma-Chlordane

R.T.: 7.361 min  
Delta R.T.: -0.001 min  
Response: 24317473  
Conc: 55.44 ng/ml



#10 gamma-Chlordane

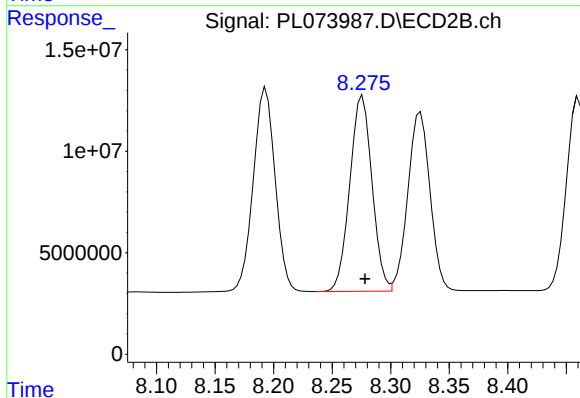
R.T.: 8.193 min  
Delta R.T.: -0.002 min  
Response: 131461334  
Conc: 58.94 ng/ml



#11 alpha-Chlordane

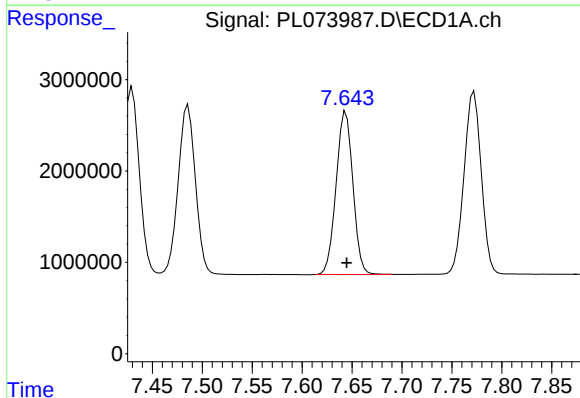
R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 24364435  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



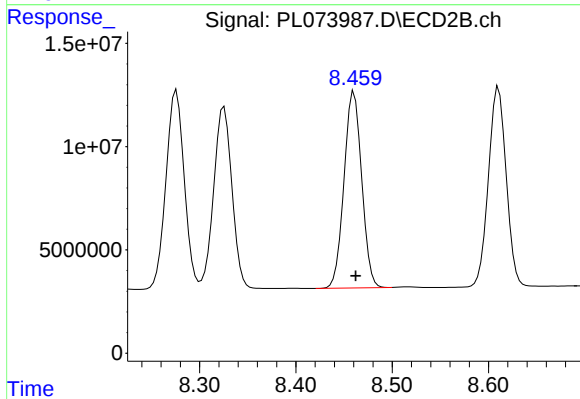
#11 alpha-Chlordane

R.T.: 8.276 min  
Delta R.T.: -0.002 min  
Response: 127387313  
Conc: 59.18 ng/ml



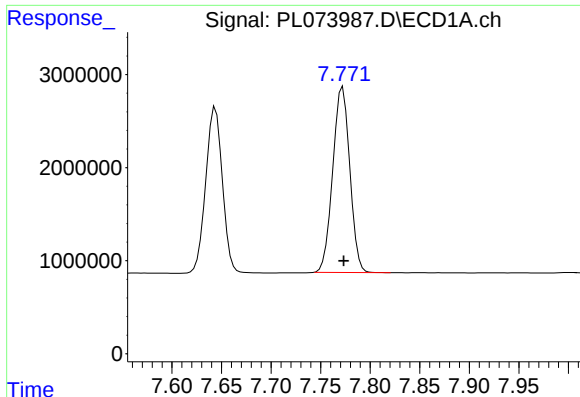
#12 4,4'-DDE

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 20858469  
Conc: 57.17 ng/ml



#12 4,4'-DDE

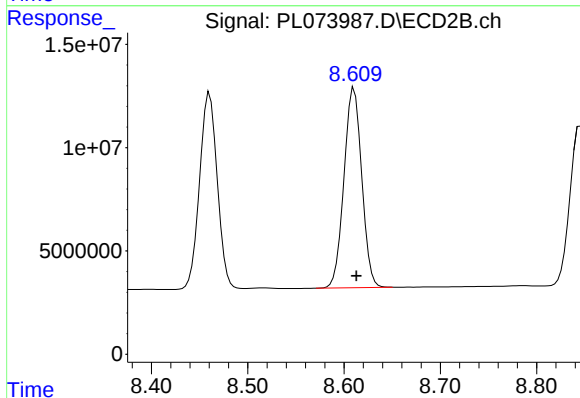
R.T.: 8.460 min  
Delta R.T.: -0.002 min  
Response: 120950816  
Conc: 60.73 ng/ml



#13 Dieldrin

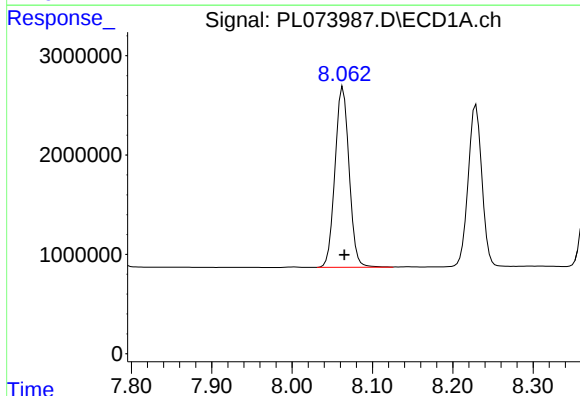
R.T.: 7.772 min  
Delta R.T.: -0.001 min  
Response: 23871617  
Conc: 55.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



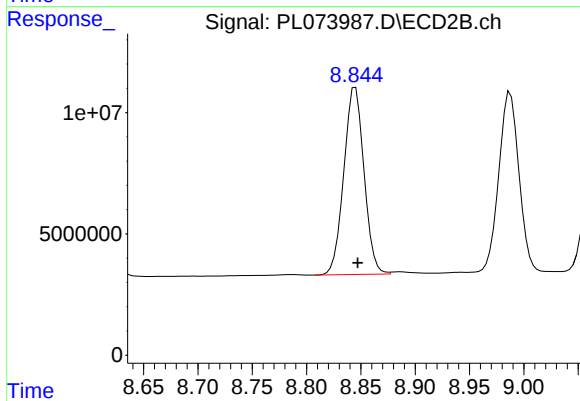
#13 Dieldrin

R.T.: 8.610 min  
Delta R.T.: -0.002 min  
Response: 123731549  
Conc: 61.70 ng/ml



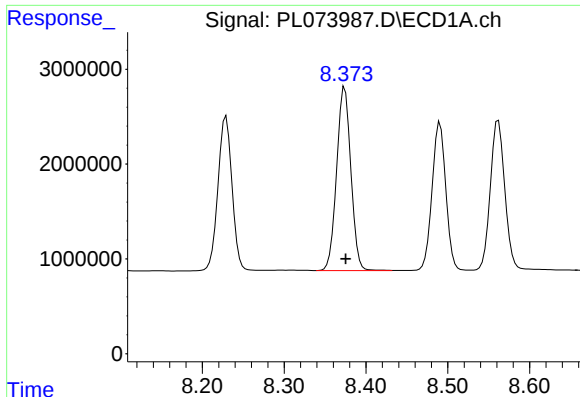
#14 Endrin

R.T.: 8.063 min  
Delta R.T.: -0.001 min  
Response: 22199383  
Conc: 54.65 ng/ml



#14 Endrin

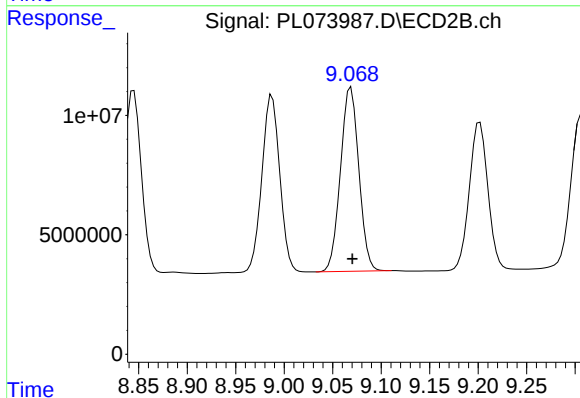
R.T.: 8.845 min  
Delta R.T.: -0.002 min  
Response: 99817518  
Conc: 58.94 ng/ml



#15 Endosulfan II

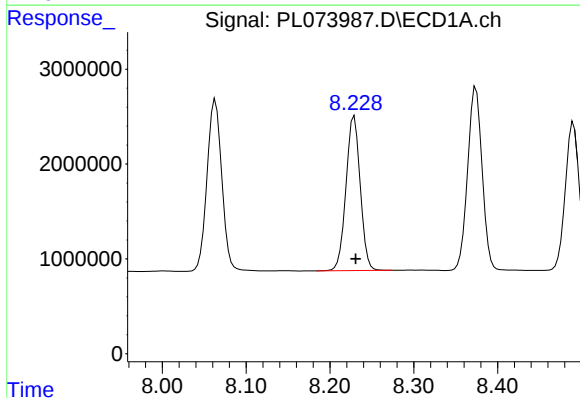
R.T.: 8.374 min  
Delta R.T.: -0.001 min  
Response: 23411358  
Conc: 56.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



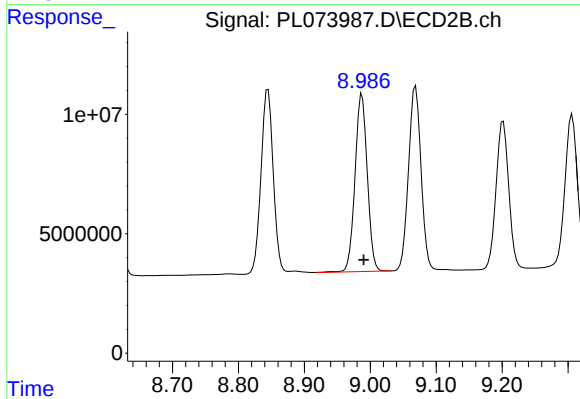
#15 Endosulfan II

R.T.: 9.069 min  
Delta R.T.: -0.002 min  
Response: 101583360  
Conc: 58.47 ng/ml



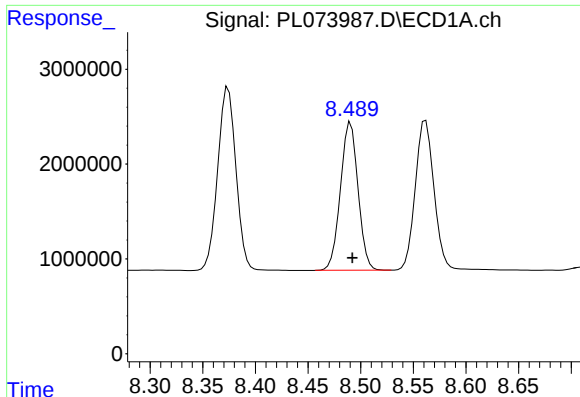
#16 4,4'-DDD

R.T.: 8.229 min  
Delta R.T.: -0.002 min  
Response: 19281640  
Conc: 59.71 ng/ml



#16 4,4'-DDD

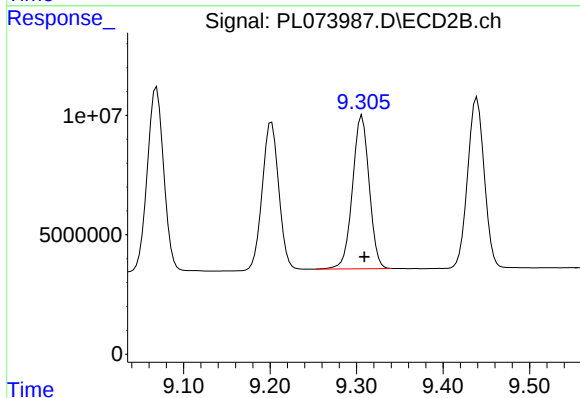
R.T.: 8.988 min  
Delta R.T.: -0.003 min  
Response: 96343507  
Conc: 62.62 ng/ml



#17 4,4'-DDT

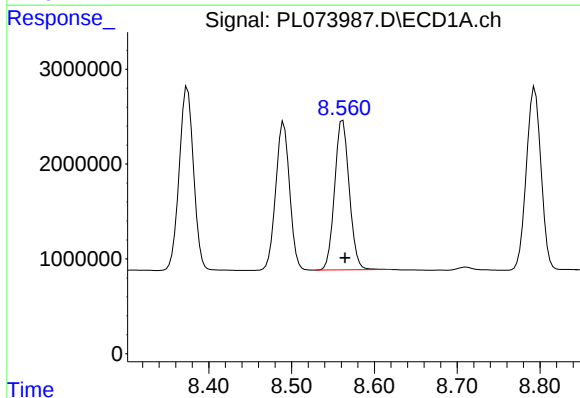
R.T.: 8.491 min  
Delta R.T.: -0.002 min  
Response: 18220833  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



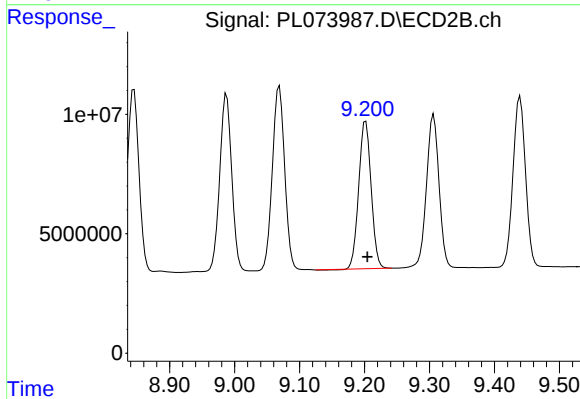
#17 4,4'-DDT

R.T.: 9.306 min  
Delta R.T.: -0.003 min  
Response: 85990053  
Conc: 48.51 ng/ml



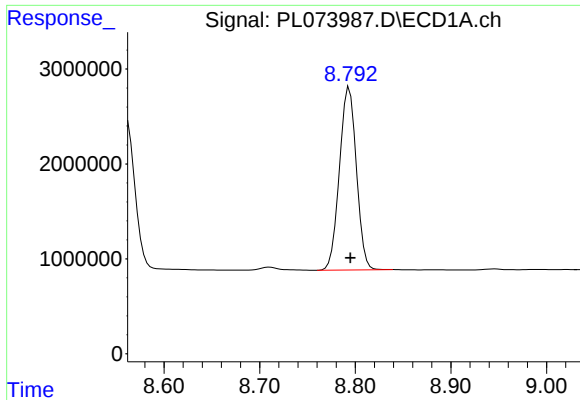
#18 Endrin aldehyde

R.T.: 8.562 min  
Delta R.T.: -0.003 min  
Response: 19432242  
Conc: 60.06 ng/ml



#18 Endrin aldehyde

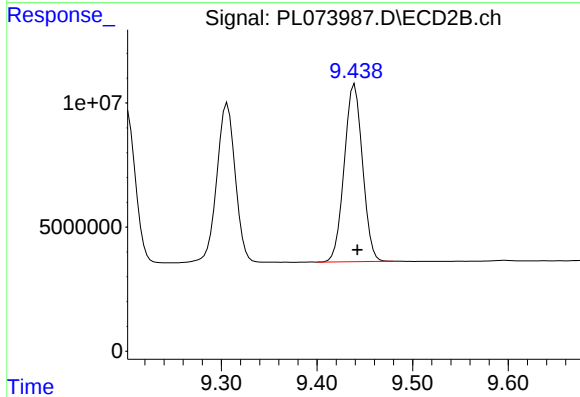
R.T.: 9.202 min  
Delta R.T.: -0.003 min  
Response: 81651509  
Conc: 63.22 ng/ml



#19 Endosulfan Sulfate

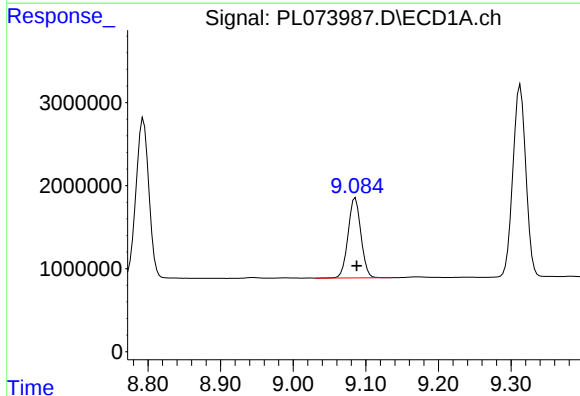
R.T.: 8.794 min  
Delta R.T.: -0.001 min  
Response: 23755917  
Conc: 55.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



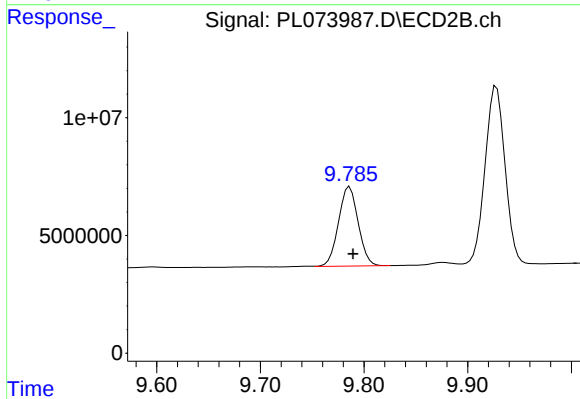
#19 Endosulfan Sulfate

R.T.: 9.439 min  
Delta R.T.: -0.003 min  
Response: 95265055  
Conc: 57.24 ng/ml



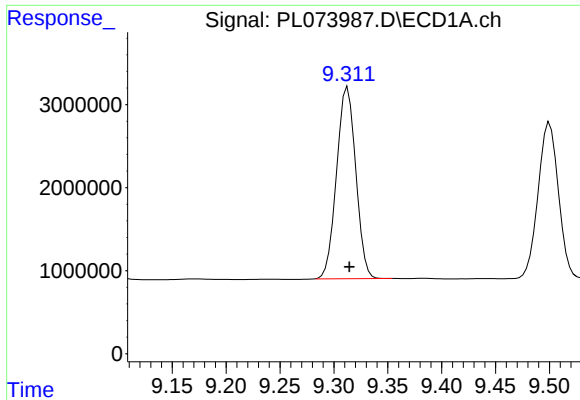
#20 Methoxychlor

R.T.: 9.086 min  
Delta R.T.: -0.002 min  
Response: 11897209  
Conc: 47.92 ng/ml



#20 Methoxychlor

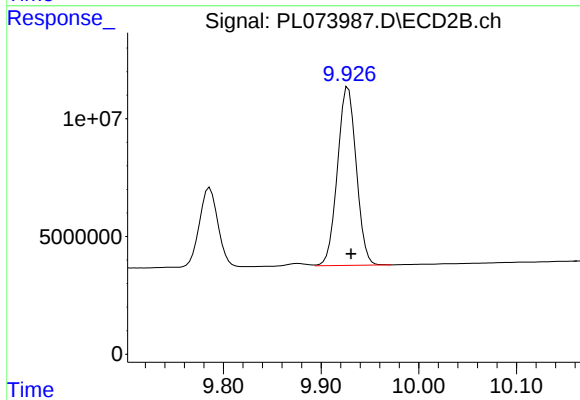
R.T.: 9.786 min  
Delta R.T.: -0.003 min  
Response: 44487796  
Conc: 46.25 ng/ml



#21 Endrin ketone

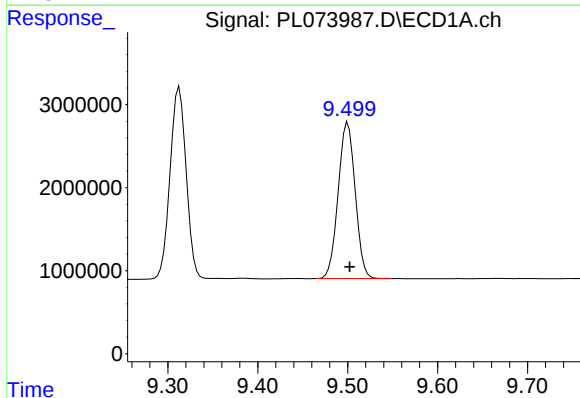
R.T.: 9.313 min  
Delta R.T.: -0.001 min  
Response: 28639252  
Conc: 58.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



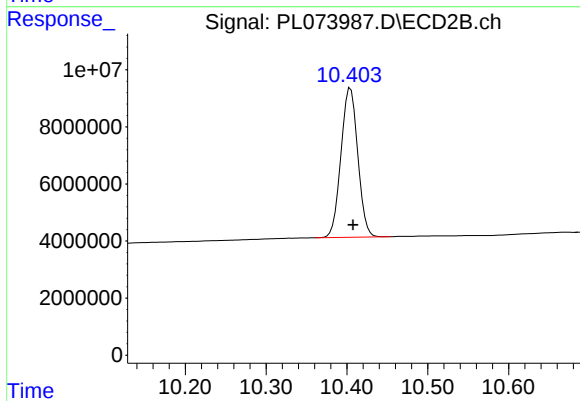
#21 Endrin ketone

R.T.: 9.928 min  
Delta R.T.: -0.003 min  
Response: 101441594  
Conc: 58.60 ng/ml



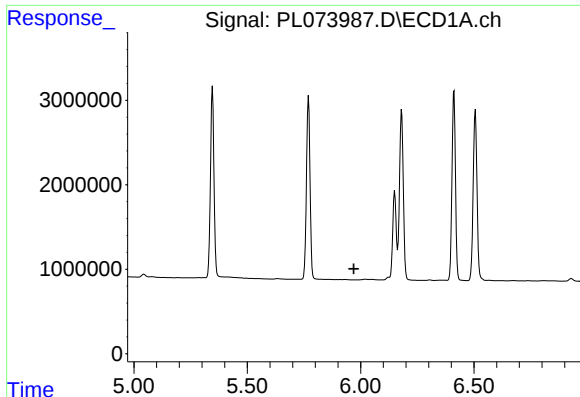
#22 Mirex

R.T.: 9.500 min  
Delta R.T.: -0.002 min  
Response: 24744020  
Conc: 53.05 ng/ml



#22 Mirex

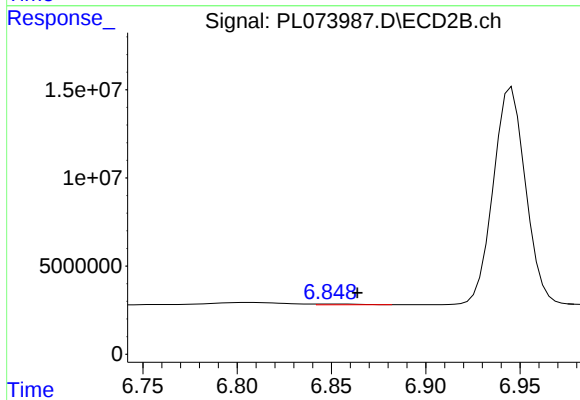
R.T.: 10.404 min  
Delta R.T.: -0.003 min  
Response: 75516991  
Conc: 54.83 ng/ml



#23 Chlordane-1

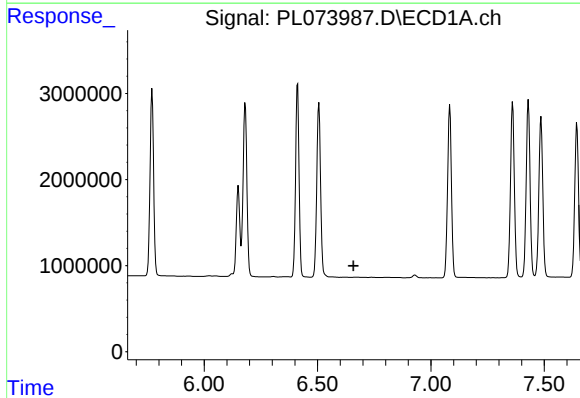
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



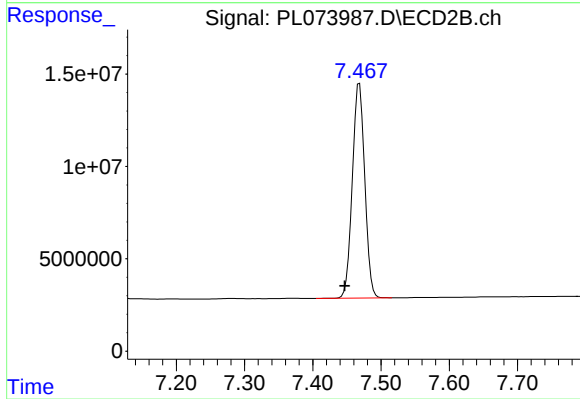
#23 Chlordane-1

R.T.: 6.849 min  
Delta R.T.: -0.015 min  
Response: 706956  
Conc: 8.86 ng/ml



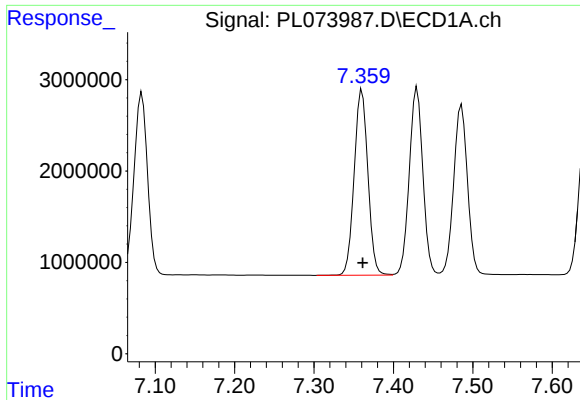
#24 Chlordane-2

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



#24 Chlordane-2

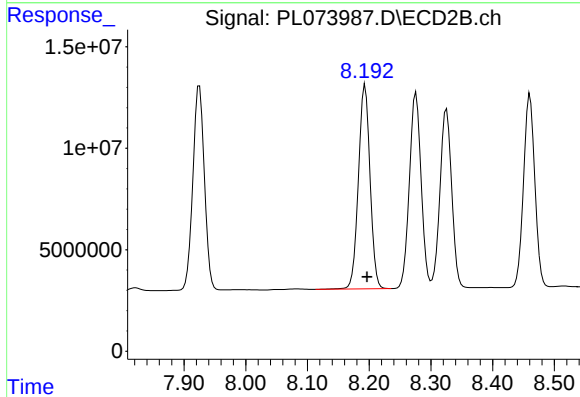
R.T.: 7.468 min  
Delta R.T.: 0.021 min  
Response: 146883469  
Conc: 1777.45 ng/ml



#25 Chlordane-3

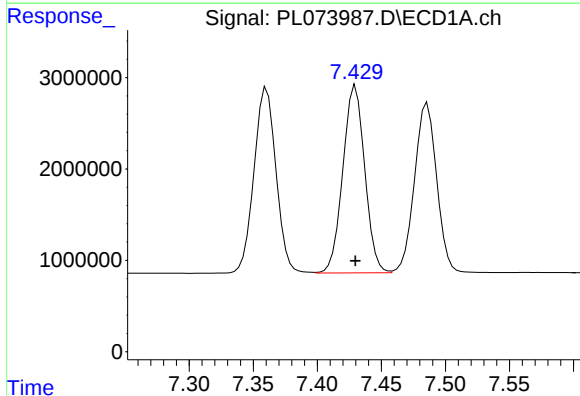
R.T.: 7.361 min  
Delta R.T.: -0.001 min  
Response: 24317473  
Conc: 562.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



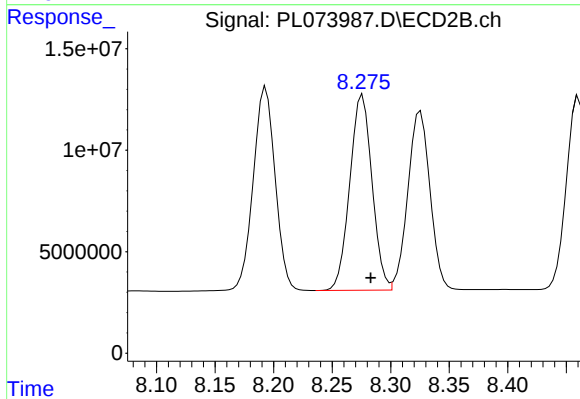
#25 Chlordane-3

R.T.: 8.193 min  
Delta R.T.: -0.003 min  
Response: 131461334  
Conc: 388.59 ng/ml



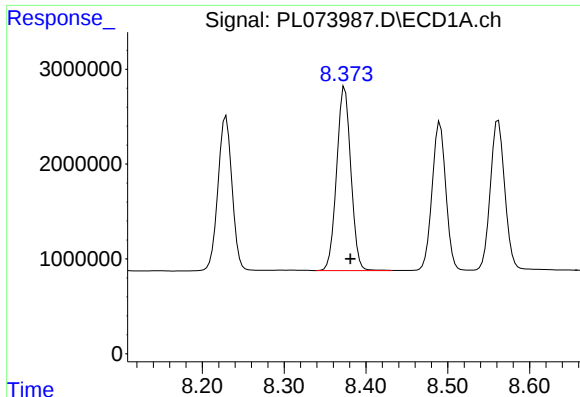
#26 Chlordane-4

R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 24364435  
Conc: 524.96 ng/ml



#26 Chlordane-4

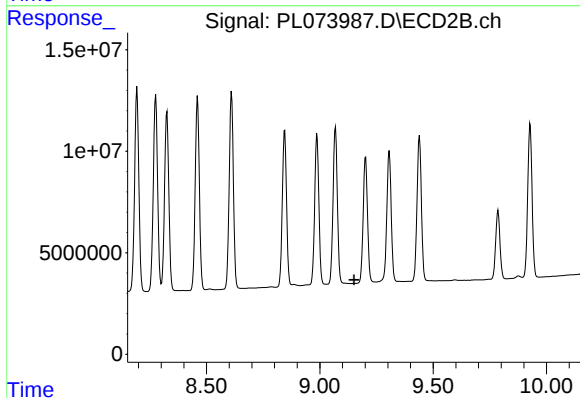
R.T.: 8.276 min  
Delta R.T.: -0.007 min  
Response: 127387313  
Conc: 321.18 ng/ml



#27 Chlordane-5

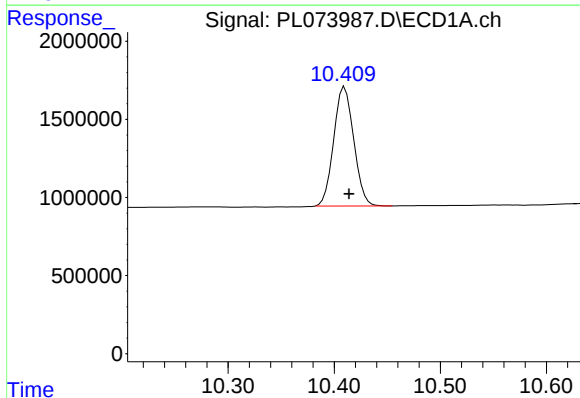
R.T.: 8.374 min  
Delta R.T.: -0.007 min  
Response: 23411358  
Conc: 1342.34 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



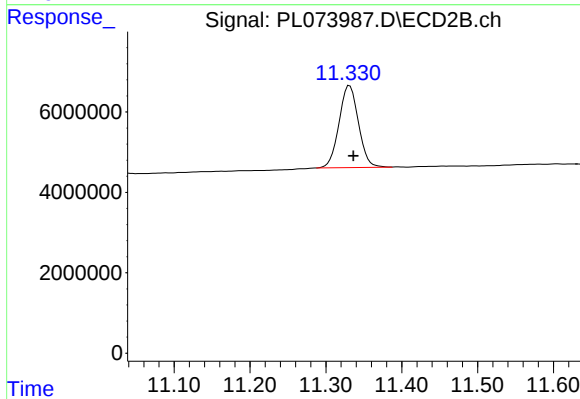
#27 Chlordane-5

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: 10026181  
Conc: 19.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.331 min  
Delta R.T.: -0.005 min  
Response: 36306160  
Conc: 20.55 ng/ml