

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020422\  
 Data File : PL072447.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2022 14:12  
 Operator : AR\AJ  
 Sample : N1357-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 01:30:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 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... | 4.556  | 5.491  | 11937434 | 40039213 | 21.502   | 24.653     |
| 28)                         | SA Decachlor... | 10.318 | 11.384 | 19413171 | 36291479 | 21.851   | 22.492     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.263  | 6.073  | 43827568 | 151.7E6  | 56.682   | 62.863     |
| 3)                          | MA gamma-BHC... | 5.686  | 6.469  | 42413880 | 136.8E6  | 56.250   | 60.769     |
| 4)                          | MA Heptachlor   | 6.092  | 7.115  | 64214205 | 138.4E6  | 74.434   | 59.697     |
| 5)                          | MB Aldrin       | 6.415  | 7.485  | 44441731 | 135.4E6  | 56.281   | 61.253     |
| 6)                          | B beta-BHC      | 6.092f | 6.729  | 64214205 | 58825274 | 194.257  | 59.413 #   |
| 7)                          | B delta-BHC     | 6.330  | 6.995  | 43543608 | 140.1E6  | 54.969   | 56.943     |
| 8)                          | B Heptachlo...  | 6.993  | 7.953  | 43063803 | 120.2E6  | 56.571   | 60.054     |
| 9)                          | A Endosulfan I  | 7.396  | 8.358  | 40414654 | 108.6E6  | 56.865   | 59.978     |
| 10)                         | B gamma-Chl...  | 7.270  | 8.223  | 44108577 | 121.1E6  | 56.138   | 59.927     |
| 11)                         | B alpha-Chl...  | 7.340  | 8.303  | 43761970 | 117.7E6  | 55.783   | 59.363     |
| 12)                         | B 4,4'-DDE      | 7.555  | 8.493  | 43042487 | 116.3E6  | 59.617   | 61.520     |
| 13)                         | MA Dieldrin     | 7.682  | 8.647  | 43993420 | 117.2E6  | 58.068   | 59.649     |
| 14)                         | MA Endrin       | 7.973  | 8.886  | 40271450 | 96446796 | 57.476   | 58.170     |
| 15)                         | B Endosulfa...  | 8.285  | 9.123  | 39986356 | 99720767 | 53.779   | 58.149     |
| 16)                         | A 4,4'-DDD      | 8.141  | 9.034  | 36310421 | 91765079 | 61.940   | 64.181     |
| 17)                         | MA 4,4'-DDT     | 8.401  | 9.351  | 33053995 | 82004224 | 49.775   | 51.884     |
| 18)                         | B Endrin al...  | 8.474  | 9.257  | 33037658 | 78399586 | 57.986   | 63.156     |
| 19)                         | B Endosulfa...  | 8.705  | 9.495  | 39260336 | 89089449 | 53.548   | 57.066     |
| 20)                         | A Methoxychlor  | 8.997  | 9.839  | 20378684 | 42134321 | 48.303   | 50.865     |
| 21)                         | B Endrin ke...  | 9.223  | 9.992  | 45670770 | 95681141 | 54.847   | 57.813     |
| 22)                         | Mirex           | 9.404  | 10.454 | 41737389 | 75618563 | 56.518   | 60.603     |
| 24)                         | Chlordane-2     | 0.000  | 7.485  | 0        | 135.4E6  | N.D.     | 1937.856 # |
| 25)                         | Chlordane-3     | 7.270  | 8.223  | 44108577 | 121.1E6  | 576.517  | 435.880    |
| 26)                         | Chlordane-4     | 7.340  | 8.303  | 43761970 | 117.7E6  | 530.423  | 354.457 #  |
| 27)                         | Chlordane-5     | 8.285  | 9.211  | 39986356 | 69363    | 1372.047 | 1.137 #    |
| -----                       |                 |        |        |          |          |          |            |

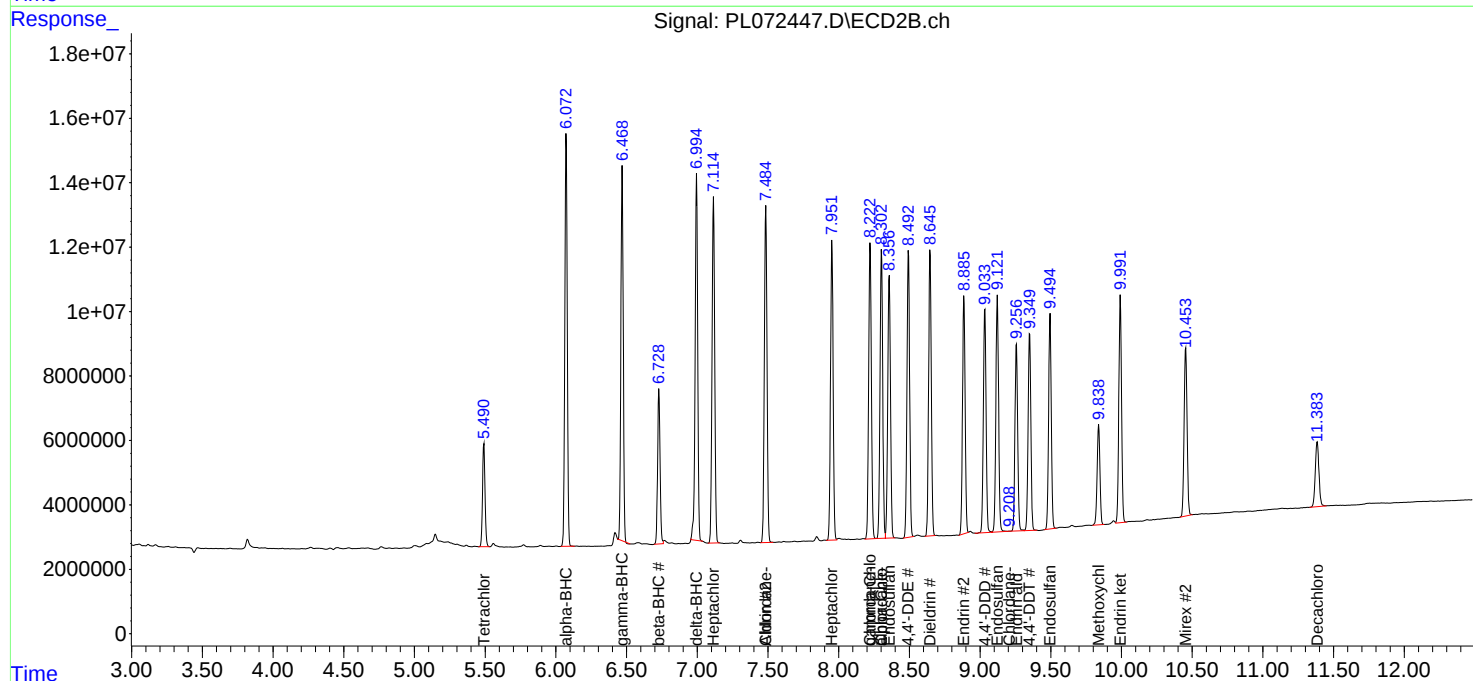
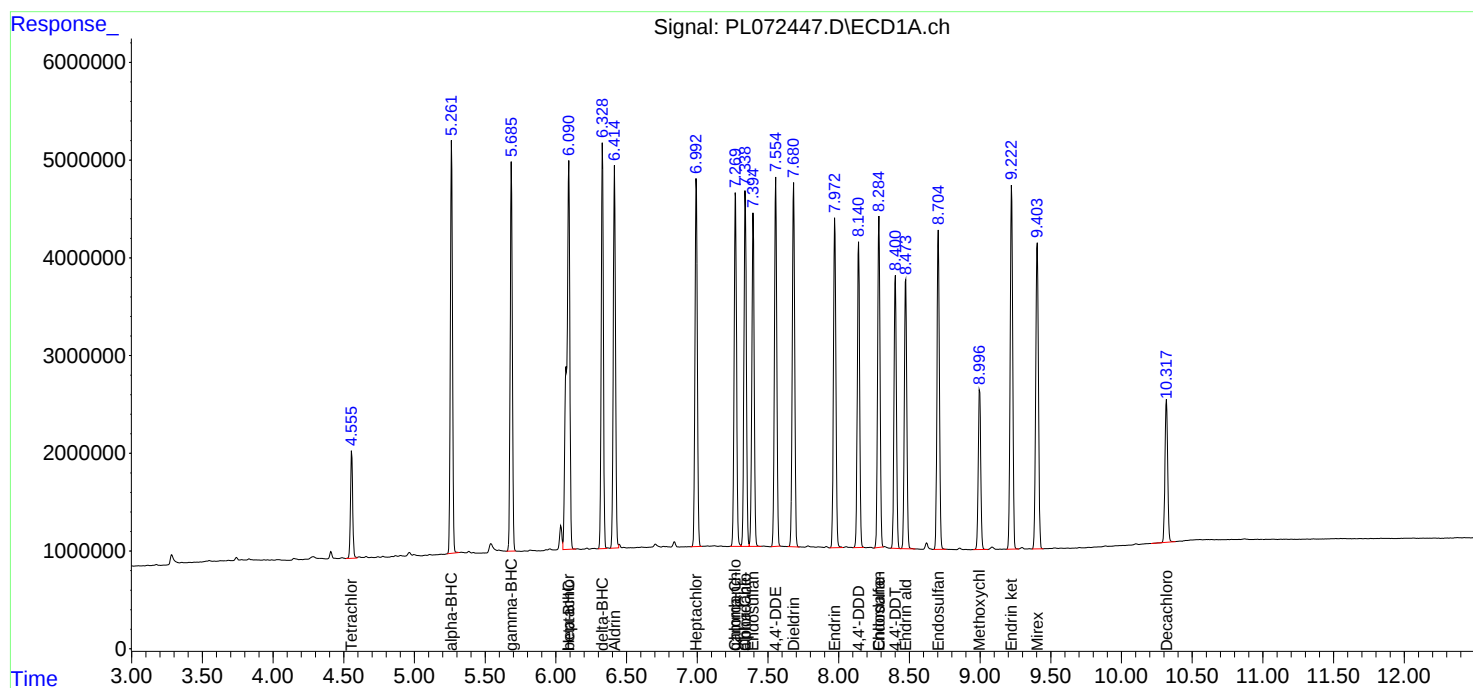
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

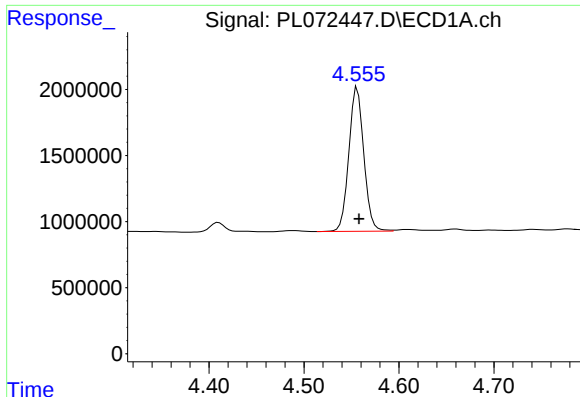
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020422\  
Data File : PL072447.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2022 14:12  
Operator : AR\AJ  
Sample : N1357-02MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 01:30:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 18 10:53:59 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

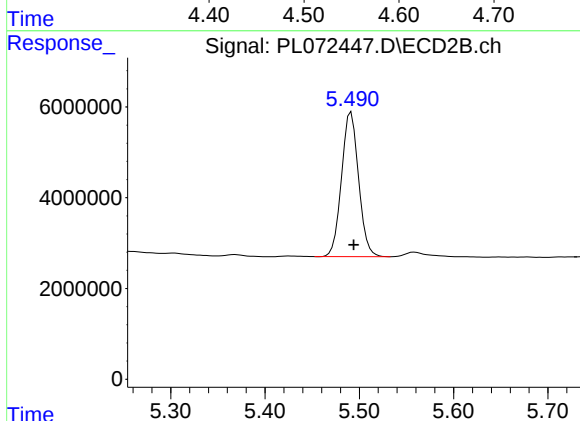




#1 Tetrachloro-m-xylene

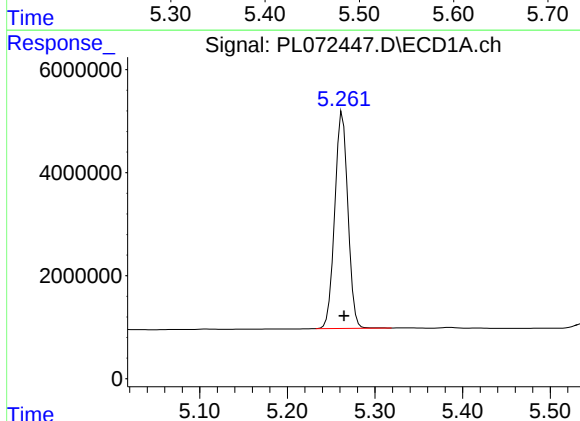
R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 11937434  
Conc: 21.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



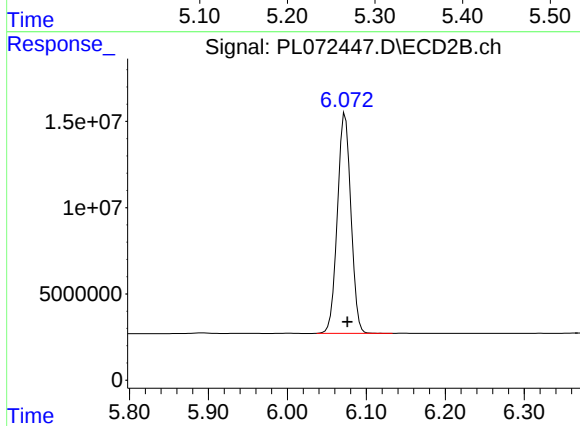
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 40039213  
Conc: 24.65 ng/ml



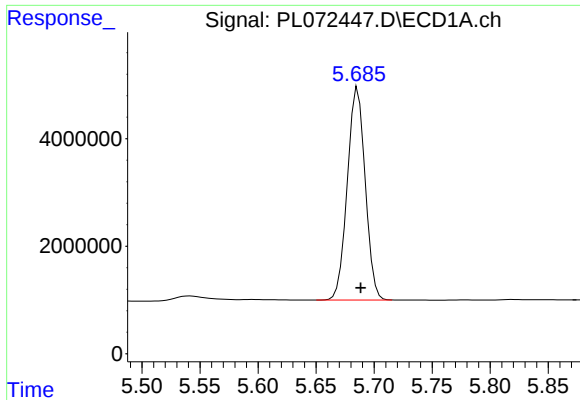
#2 alpha-BHC

R.T.: 5.263 min  
Delta R.T.: -0.002 min  
Response: 43827568  
Conc: 56.68 ng/ml



#2 alpha-BHC

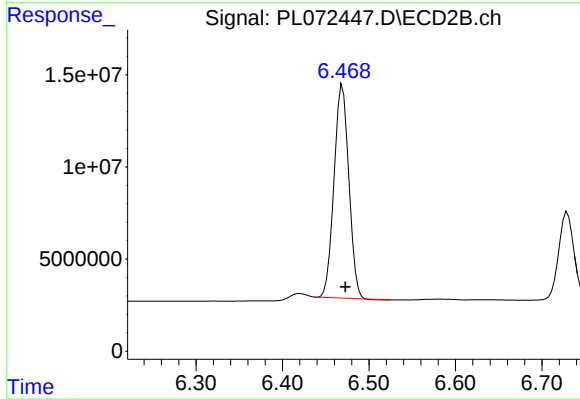
R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 151678728  
Conc: 62.86 ng/ml



#3 gamma-BHC (Lindane)

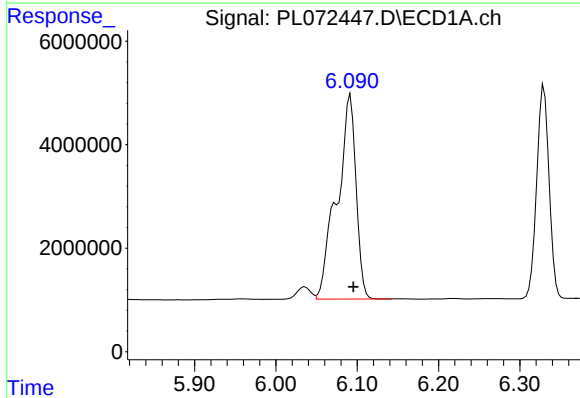
R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 42413880  
Conc: 56.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



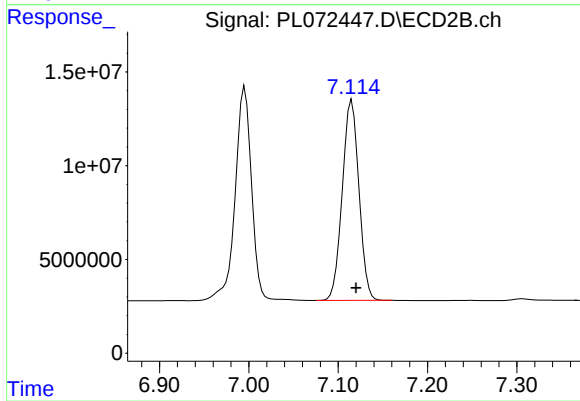
#3 gamma-BHC (Lindane)

R.T.: 6.469 min  
Delta R.T.: -0.003 min  
Response: 136750286  
Conc: 60.77 ng/ml



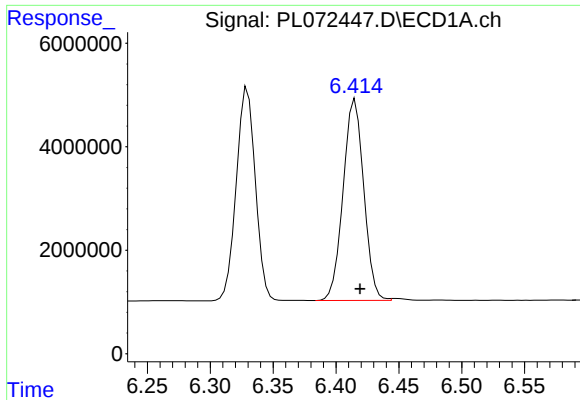
#4 Heptachlor

R.T.: 6.092 min  
Delta R.T.: -0.004 min  
Response: 64214205  
Conc: 74.43 ng/ml



#4 Heptachlor

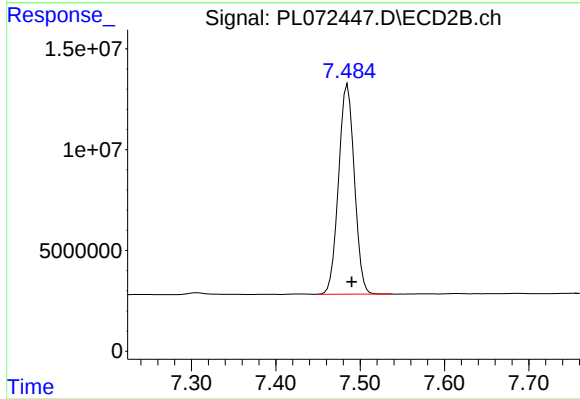
R.T.: 7.115 min  
Delta R.T.: -0.005 min  
Response: 138406915  
Conc: 59.70 ng/ml



#5 Aldrin

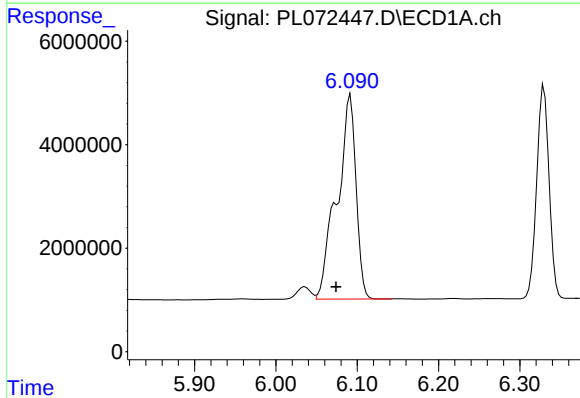
R.T.: 6.415 min  
Delta R.T.: -0.004 min  
Response: 44441731  
Conc: 56.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



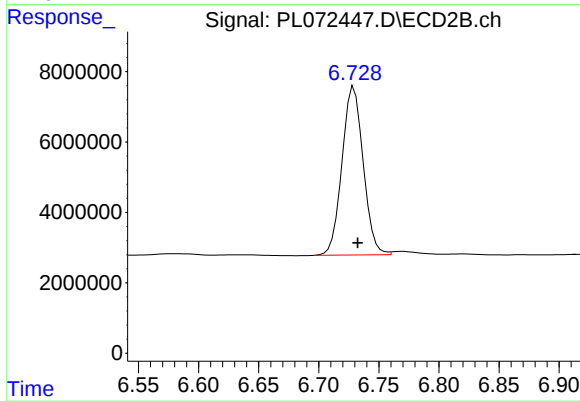
#5 Aldrin

R.T.: 7.485 min  
Delta R.T.: -0.005 min  
Response: 135445062  
Conc: 61.25 ng/ml



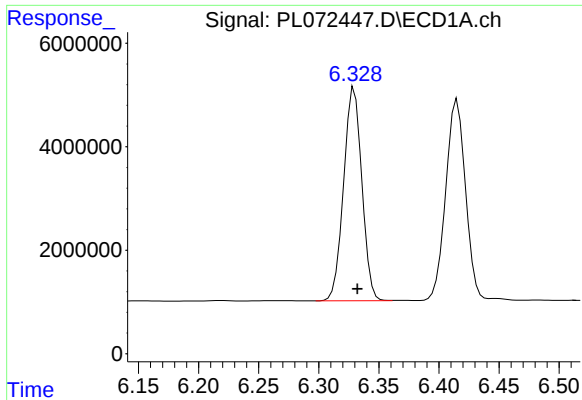
#6 beta-BHC

R.T.: 6.092 min  
Delta R.T.: 0.018 min  
Response: 64214205  
Conc: 194.26 ng/ml



#6 beta-BHC

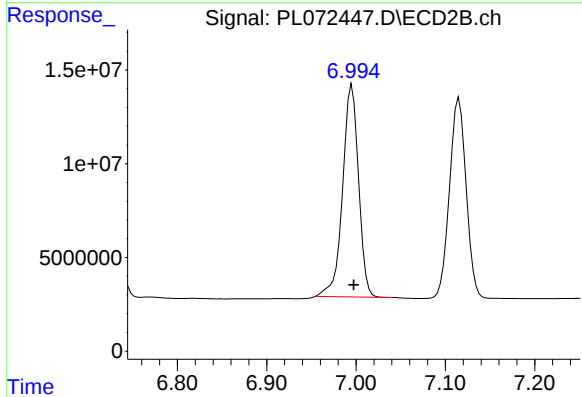
R.T.: 6.729 min  
Delta R.T.: -0.003 min  
Response: 58825274  
Conc: 59.41 ng/ml



#7 delta-BHC

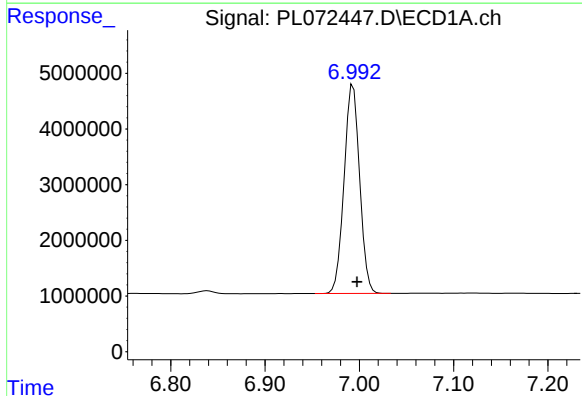
R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 43543608  
Conc: 54.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



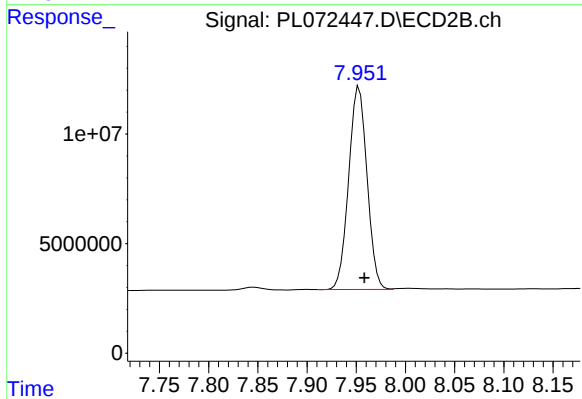
#7 delta-BHC

R.T.: 6.995 min  
Delta R.T.: -0.002 min  
Response: 140096929  
Conc: 56.94 ng/ml



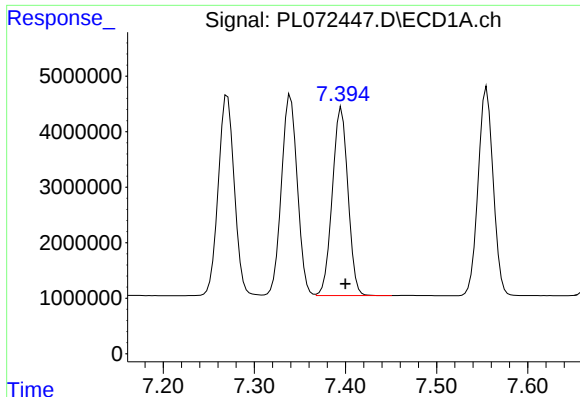
#8 Heptachlor epoxide

R.T.: 6.993 min  
Delta R.T.: -0.004 min  
Response: 43063803  
Conc: 56.57 ng/ml



#8 Heptachlor epoxide

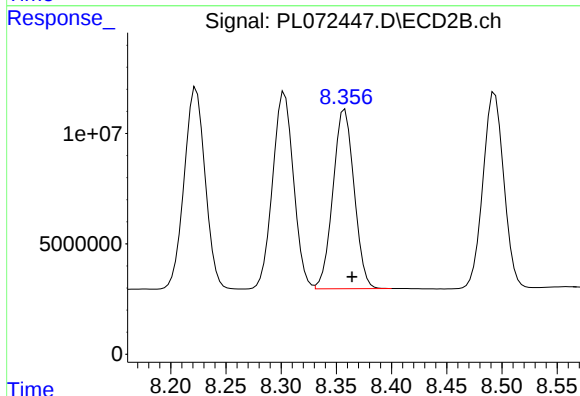
R.T.: 7.953 min  
Delta R.T.: -0.005 min  
Response: 120246306  
Conc: 60.05 ng/ml



#9 Endosulfan I

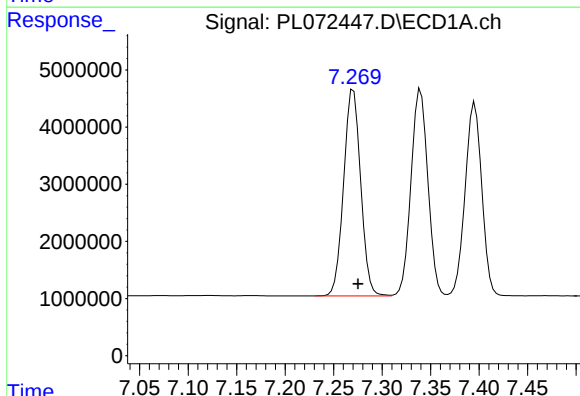
R.T.: 7.396 min  
Delta R.T.: -0.005 min  
Response: 40414654  
Conc: 56.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



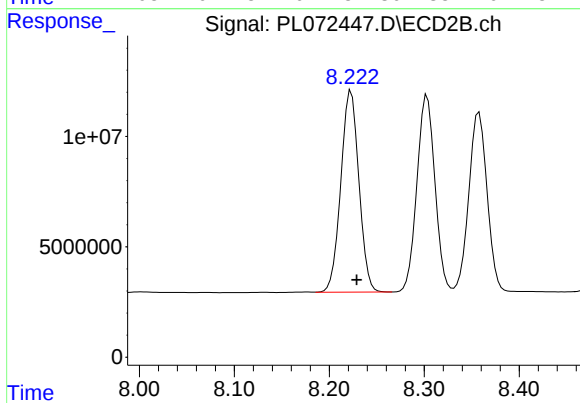
#9 Endosulfan I

R.T.: 8.358 min  
Delta R.T.: -0.006 min  
Response: 108564767  
Conc: 59.98 ng/ml



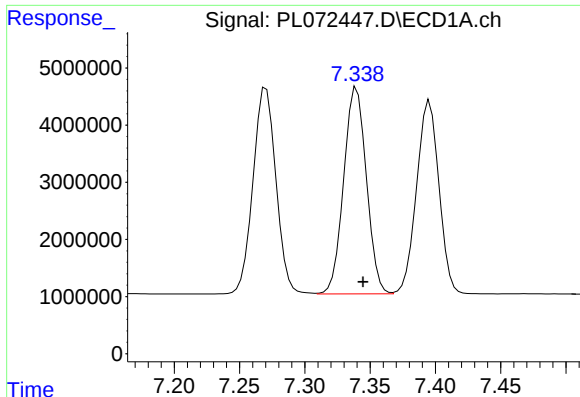
#10 gamma-Chlordane

R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 44108577  
Conc: 56.14 ng/ml



#10 gamma-Chlordane

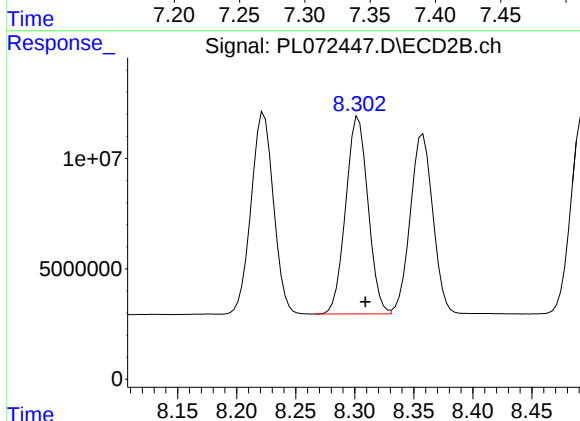
R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 121101714  
Conc: 59.93 ng/ml



#11 alpha-Chlordane

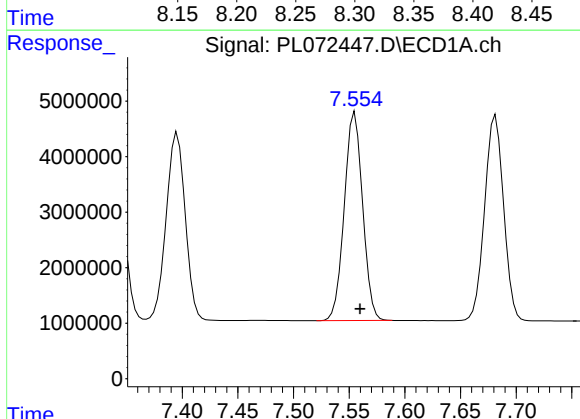
R.T.: 7.340 min  
Delta R.T.: -0.005 min  
Response: 43761970  
Conc: 55.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



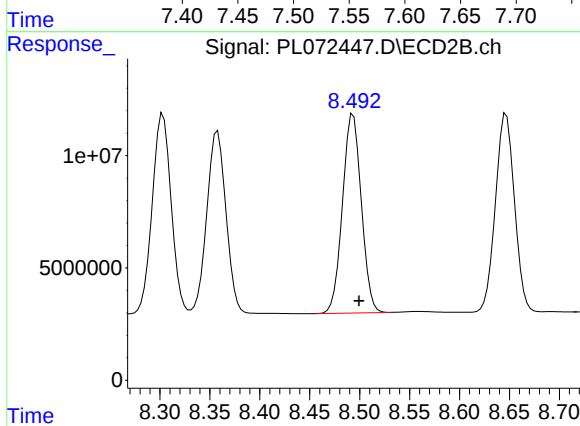
#11 alpha-Chlordane

R.T.: 8.303 min  
Delta R.T.: -0.006 min  
Response: 117704562  
Conc: 59.36 ng/ml



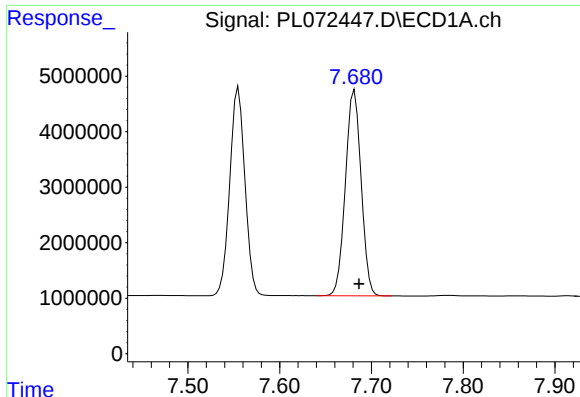
#12 4,4'-DDE

R.T.: 7.555 min  
Delta R.T.: -0.005 min  
Response: 43042487  
Conc: 59.62 ng/ml



#12 4,4'-DDE

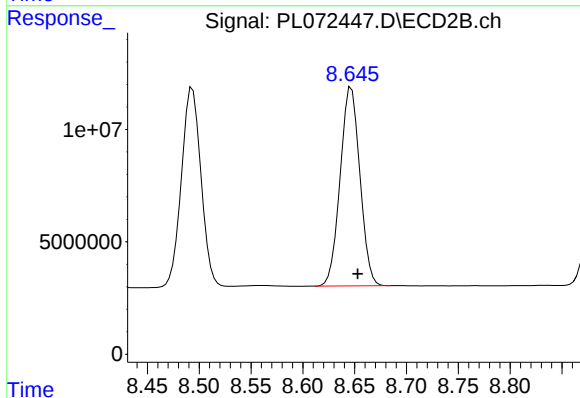
R.T.: 8.493 min  
Delta R.T.: -0.006 min  
Response: 116349855  
Conc: 61.52 ng/ml



#13 Dieldrin

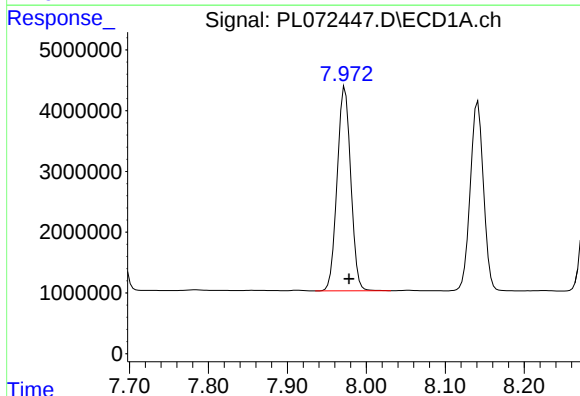
R.T.: 7.682 min  
Delta R.T.: -0.005 min  
Response: 43993420  
Conc: 58.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



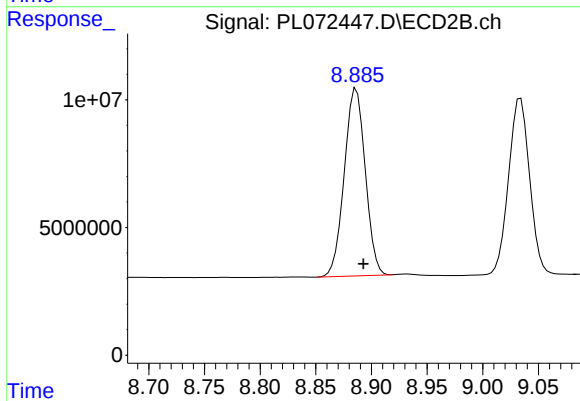
#13 Dieldrin

R.T.: 8.647 min  
Delta R.T.: -0.006 min  
Response: 117187223  
Conc: 59.65 ng/ml



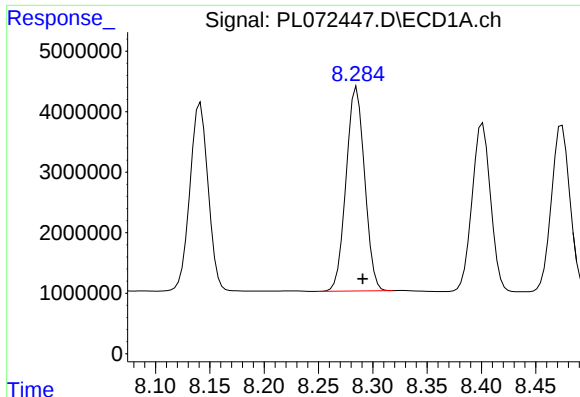
#14 Endrin

R.T.: 7.973 min  
Delta R.T.: -0.005 min  
Response: 40271450  
Conc: 57.48 ng/ml



#14 Endrin

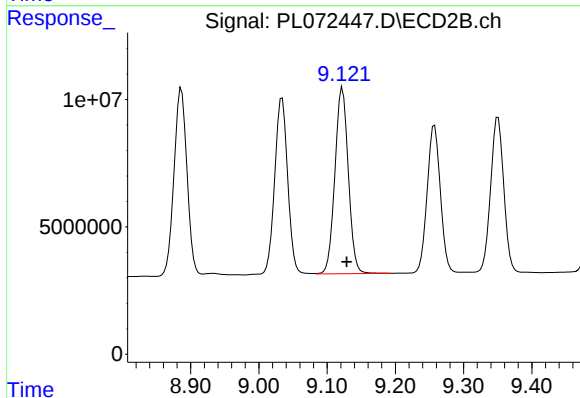
R.T.: 8.886 min  
Delta R.T.: -0.006 min  
Response: 96446796  
Conc: 58.17 ng/ml



#15 Endosulfan II

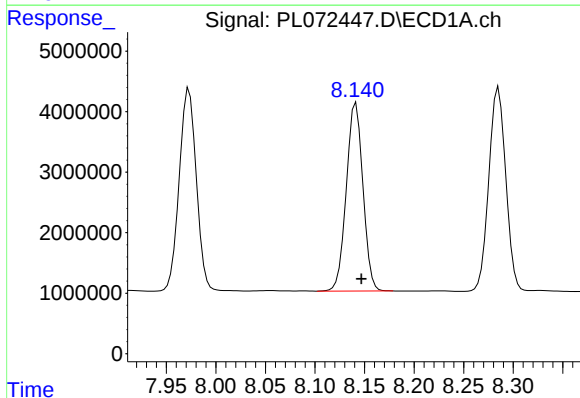
R.T.: 8.285 min  
Delta R.T.: -0.005 min  
Response: 39986356  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



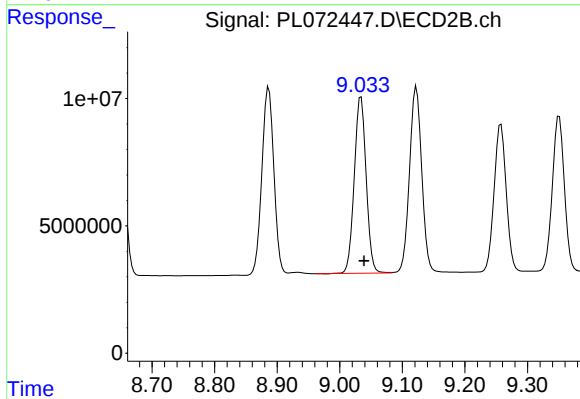
#15 Endosulfan II

R.T.: 9.123 min  
Delta R.T.: -0.007 min  
Response: 99720767  
Conc: 58.15 ng/ml



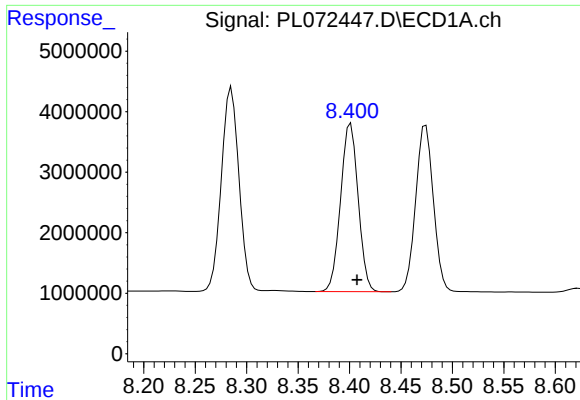
#16 4,4'-DDD

R.T.: 8.141 min  
Delta R.T.: -0.005 min  
Response: 36310421  
Conc: 61.94 ng/ml



#16 4,4'-DDD

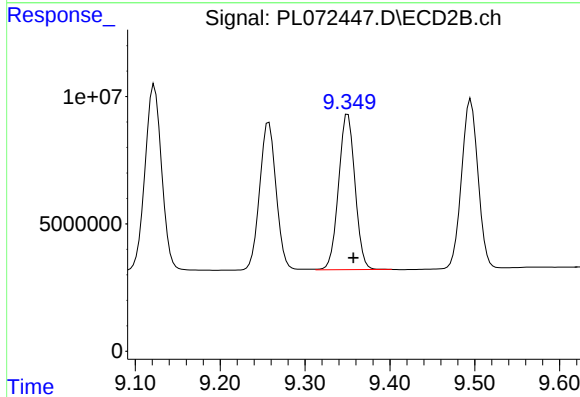
R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 91765079  
Conc: 64.18 ng/ml



#17 4,4'-DDT

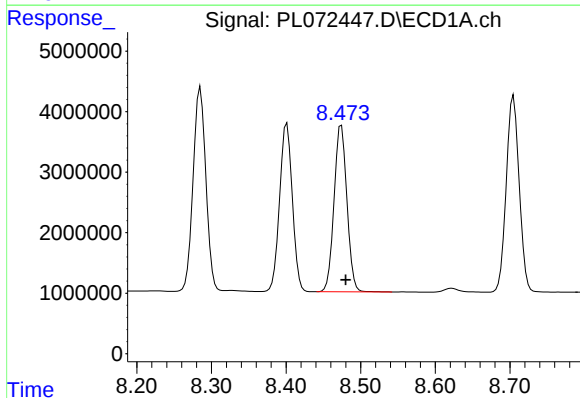
R.T.: 8.401 min  
Delta R.T.: -0.006 min  
Response: 33053995  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



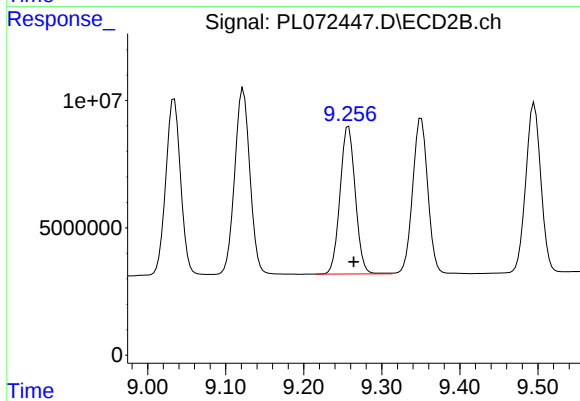
#17 4,4'-DDT

R.T.: 9.351 min  
Delta R.T.: -0.006 min  
Response: 82004224  
Conc: 51.88 ng/ml



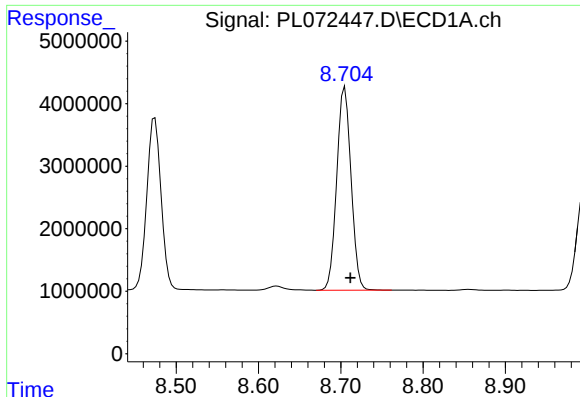
#18 Endrin aldehyde

R.T.: 8.474 min  
Delta R.T.: -0.006 min  
Response: 33037658  
Conc: 57.99 ng/ml



#18 Endrin aldehyde

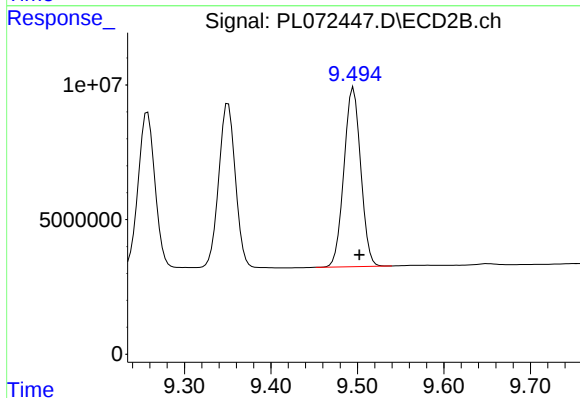
R.T.: 9.257 min  
Delta R.T.: -0.007 min  
Response: 78399586  
Conc: 63.16 ng/ml



#19 Endosulfan Sulfate

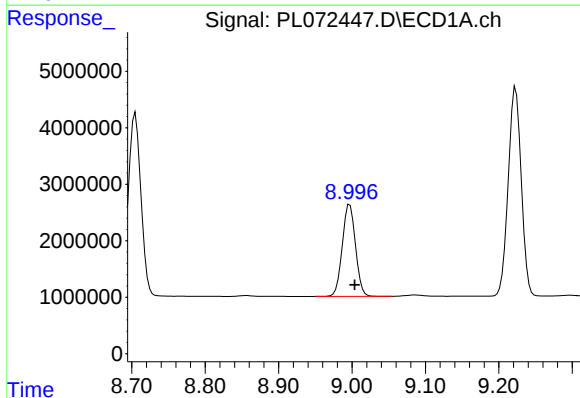
R.T.: 8.705 min  
Delta R.T.: -0.007 min  
Response: 39260336  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



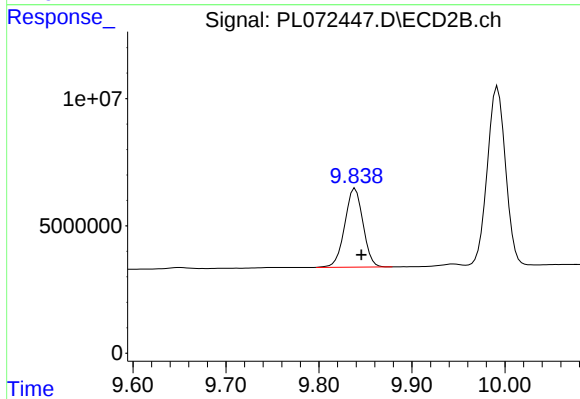
#19 Endosulfan Sulfate

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 89089449  
Conc: 57.07 ng/ml



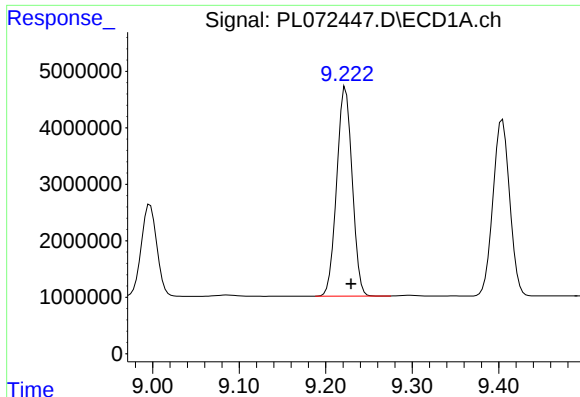
#20 Methoxychlor

R.T.: 8.997 min  
Delta R.T.: -0.007 min  
Response: 20378684  
Conc: 48.30 ng/ml



#20 Methoxychlor

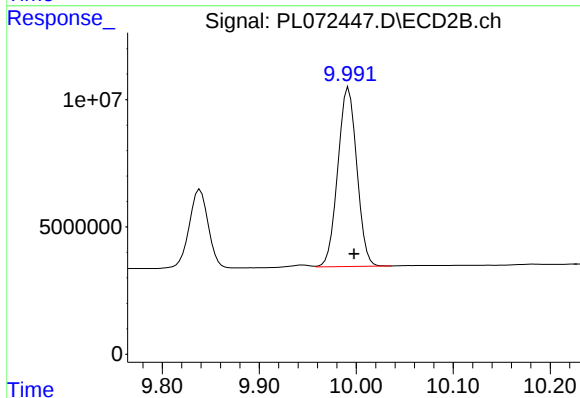
R.T.: 9.839 min  
Delta R.T.: -0.007 min  
Response: 42134321  
Conc: 50.87 ng/ml



#21 Endrin ketone

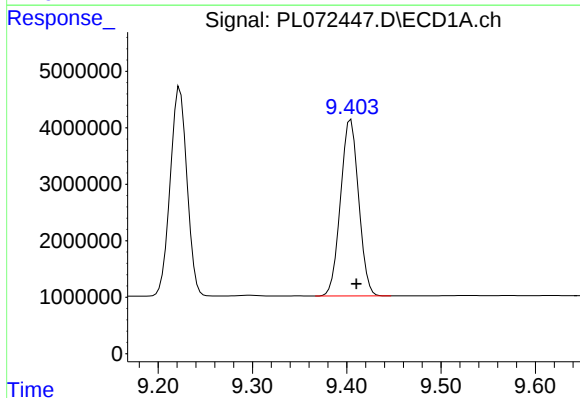
R.T.: 9.223 min  
Delta R.T.: -0.006 min  
Response: 45670770  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



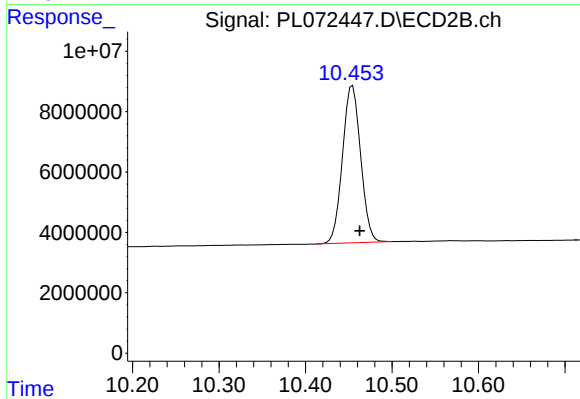
#21 Endrin ketone

R.T.: 9.992 min  
Delta R.T.: -0.006 min  
Response: 95681141  
Conc: 57.81 ng/ml



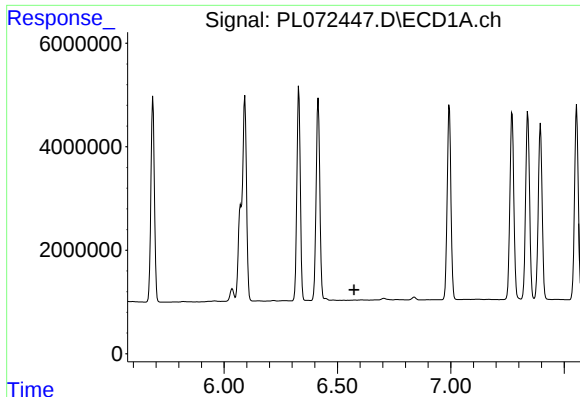
#22 Mirex

R.T.: 9.404 min  
Delta R.T.: -0.006 min  
Response: 41737389  
Conc: 56.52 ng/ml



#22 Mirex

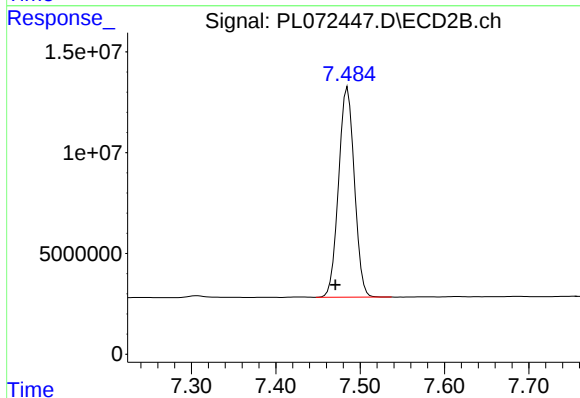
R.T.: 10.454 min  
Delta R.T.: -0.009 min  
Response: 75618563  
Conc: 60.60 ng/ml



#24 Chlordane-2

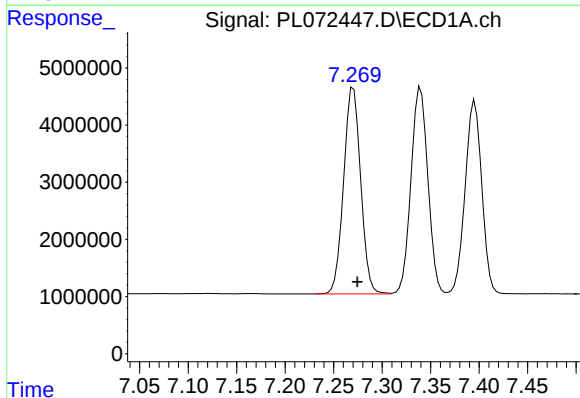
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



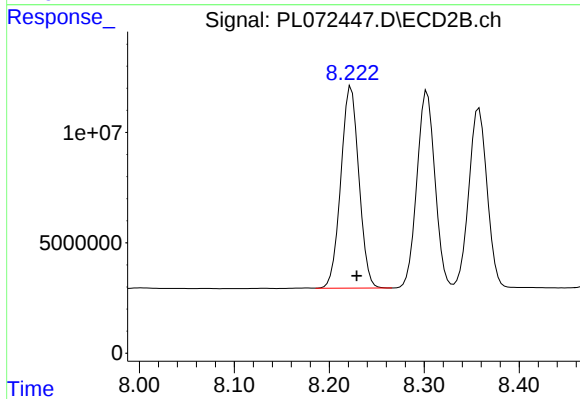
#24 Chlordane-2

R.T.: 7.485 min  
Delta R.T.: 0.014 min  
Response: 135445062  
Conc: 1937.86 ng/ml



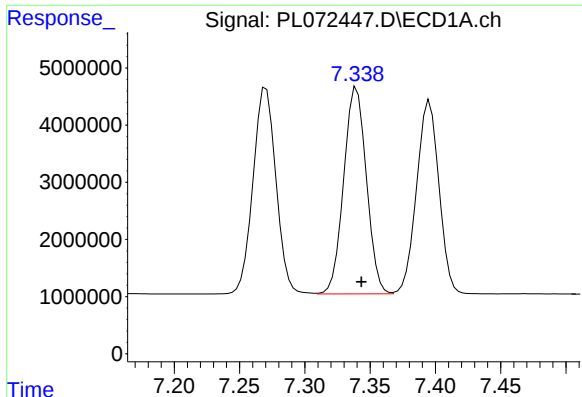
#25 Chlordane-3

R.T.: 7.270 min  
Delta R.T.: -0.004 min  
Response: 44108577  
Conc: 576.52 ng/ml



#25 Chlordane-3

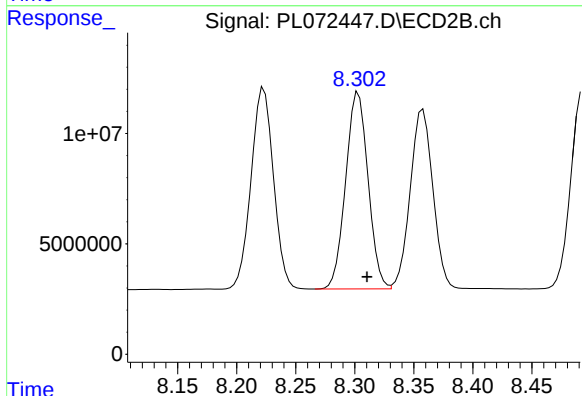
R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 121101714  
Conc: 435.88 ng/ml



#26 Chlordane-4

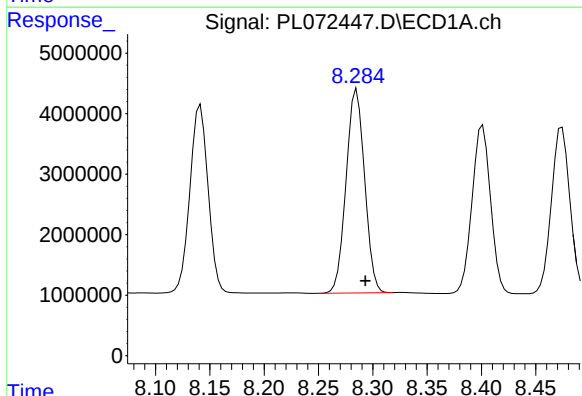
R.T.: 7.340 min  
Delta R.T.: -0.003 min  
Response: 43761970  
Conc: 530.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



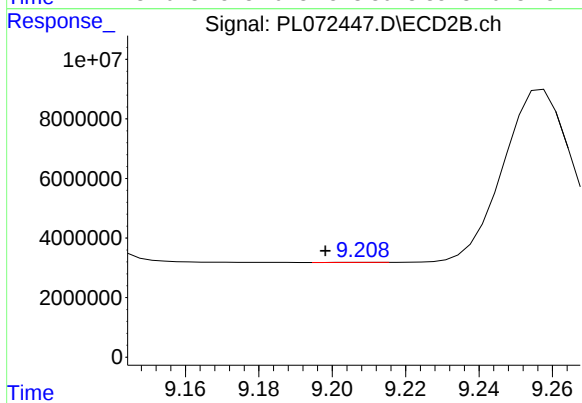
#26 Chlordane-4

R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 117704562  
Conc: 354.46 ng/ml



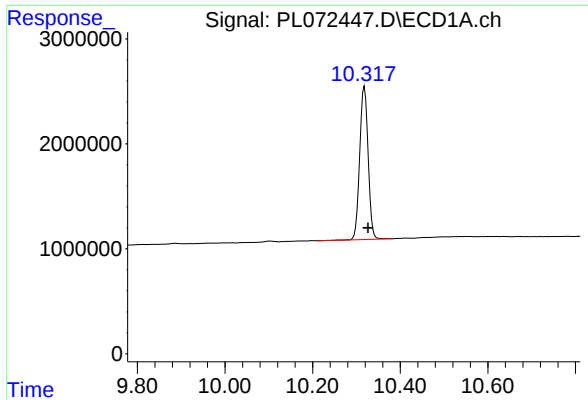
#27 Chlordane-5

R.T.: 8.285 min  
Delta R.T.: -0.008 min  
Response: 39986356  
Conc: 1372.05 ng/ml



#27 Chlordane-5

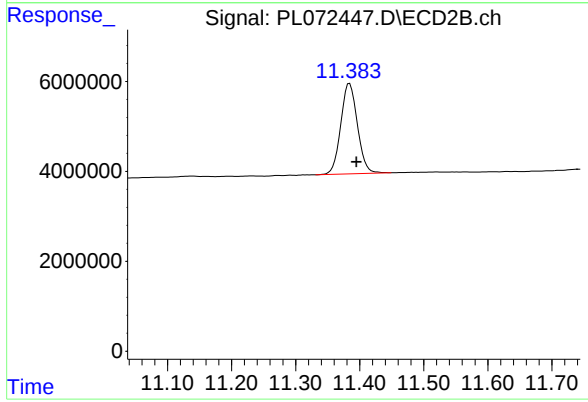
R.T.: 9.211 min  
Delta R.T.: 0.012 min  
Response: 69363  
Conc: 1.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.318 min  
Delta R.T.: -0.008 min  
Response: 19413171  
Conc: 21.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.384 min  
Delta R.T.: -0.010 min  
Response: 36291479  
Conc: 22.49 ng/ml