

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020422\  
 Data File : PL072462.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 :  
 SOIL-CUTTINGSMSD

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... | 10.317 | 11.384 | 19286190 | 36291479 | 21.708m | 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  | 6.468  | 42413880 | 140.7E6  | 56.250  | 62.528m |
| 4)                          | MA Heptachlor   | 6.090  | 7.115  | 47831364 | 138.4E6  | 55.444m | 59.697  |
| 5)                          | MB Aldrin       | 6.415  | 7.485  | 44441731 | 135.4E6  | 56.281  | 61.253  |
| 6)                          | B beta-BHC      | 6.072  | 6.729  | 16095774 | 58825274 | 48.692m | 59.413  |
| 7)                          | B delta-BHC     | 6.330  | 6.994  | 43543608 | 142.0E6  | 54.969  | 57.734m |
| 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  |
| -----                       |                 |        |        |          |          |         |         |

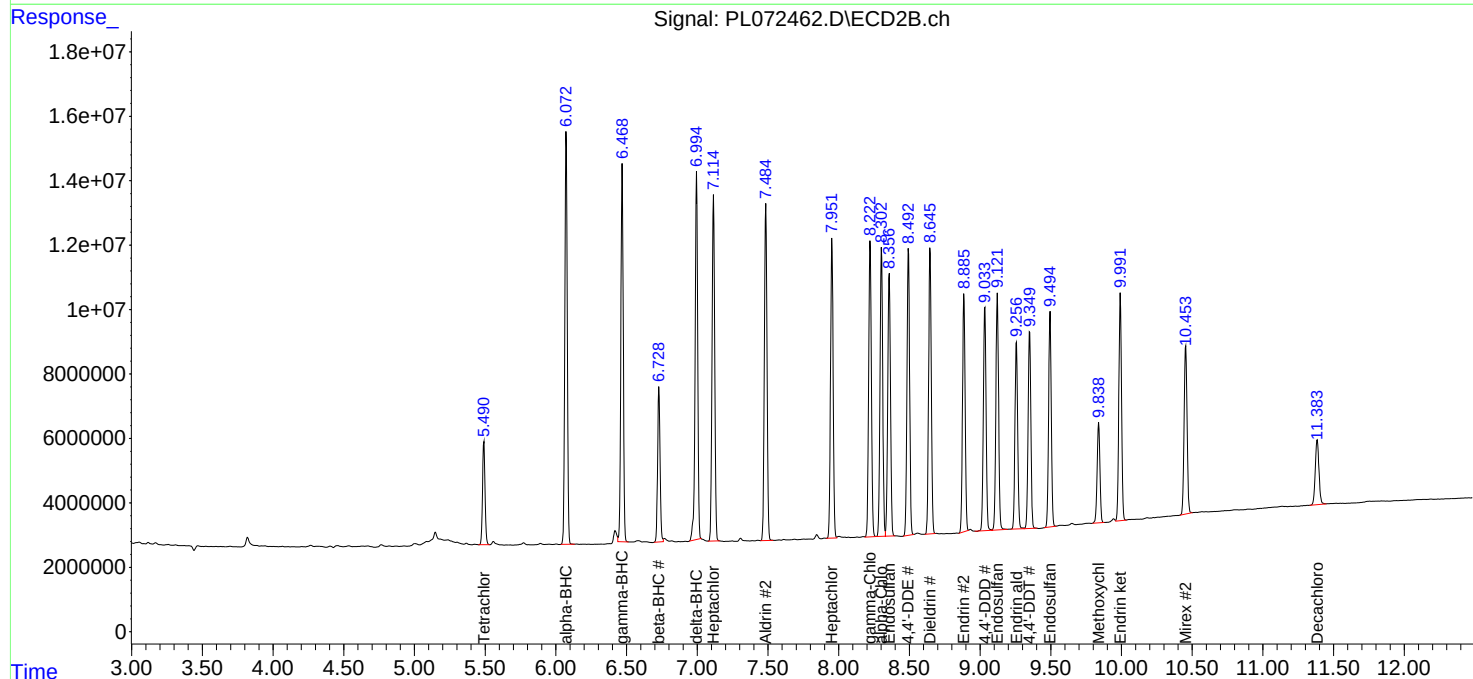
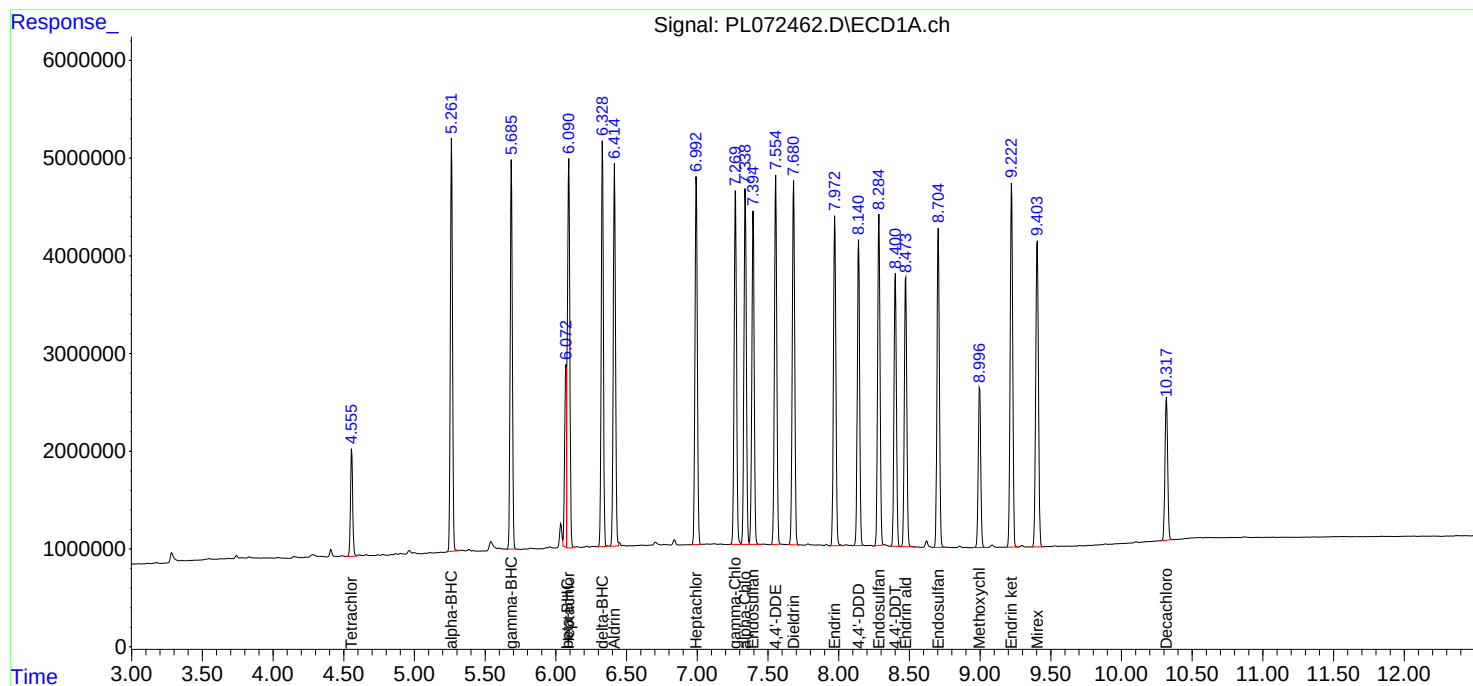
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

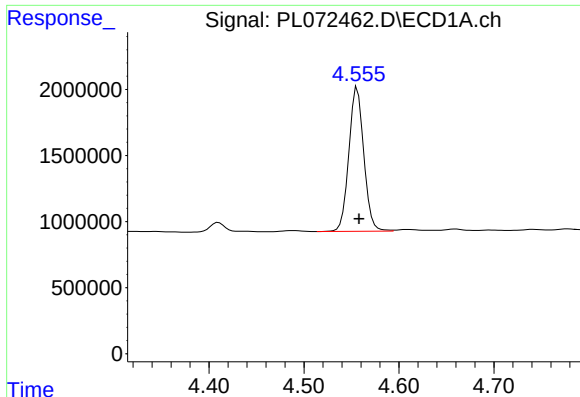
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072462\  
Data File : PL072462.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2022 14:12  
Operator : AR\AJ  
Sample : N1357-02MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD

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

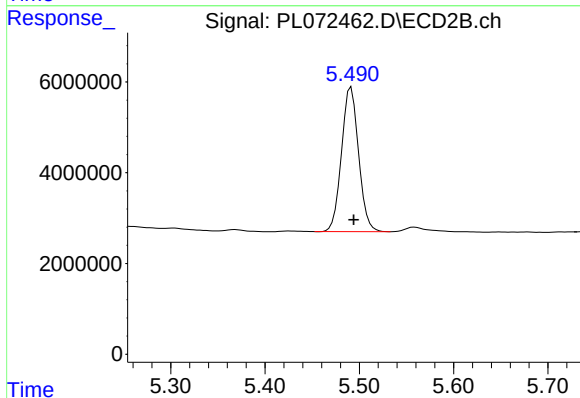




#1 Tetrachloro-m-xylene

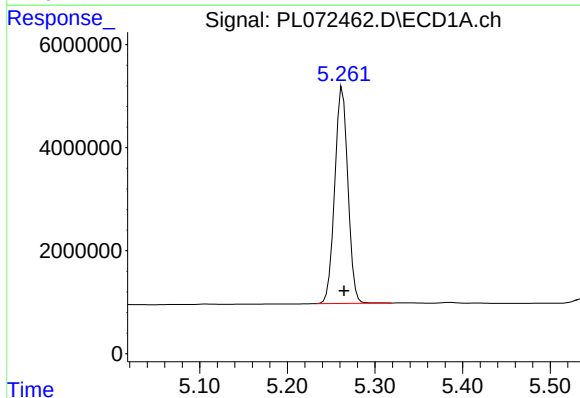
R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 11937434  
Conc: 21.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



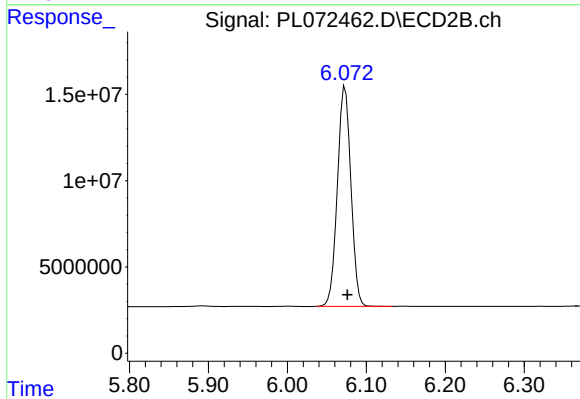
#1 Tetrachloro-m-xylene

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



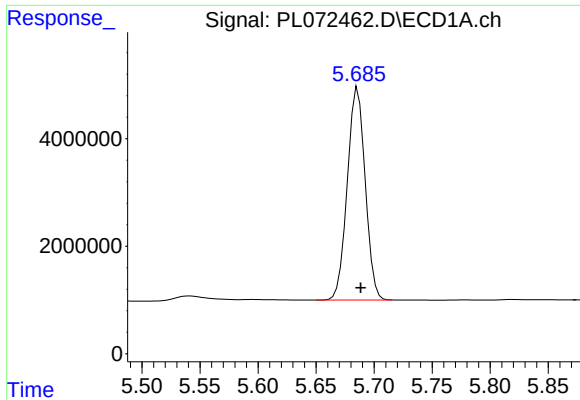
#2 alpha-BHC

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



#2 alpha-BHC

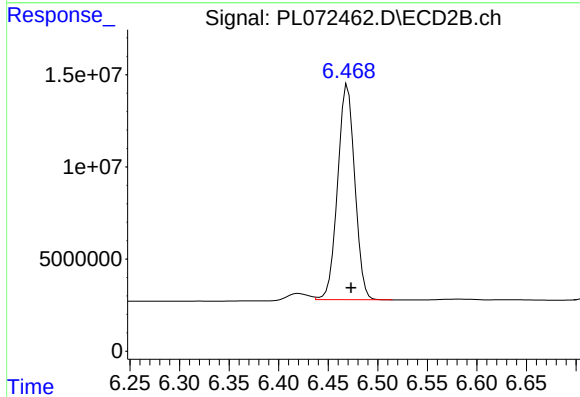
R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 151678728  
Conc: 62.86 ng/ml



#3 gamma-BHC (Lindane)

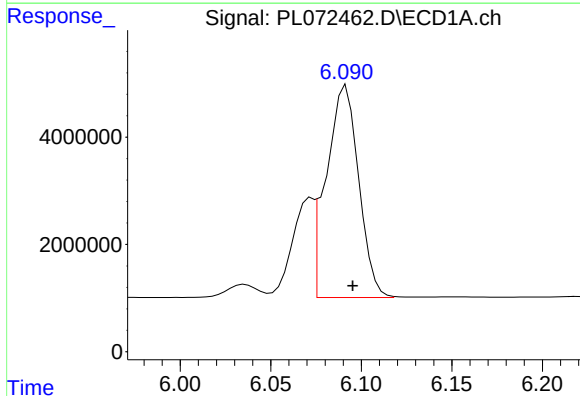
R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 42413880  
Conc: 56.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



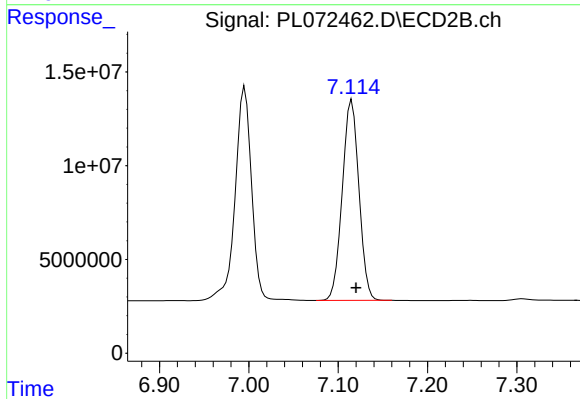
#3 gamma-BHC (Lindane)

R.T.: 6.468 min  
Delta R.T.: -0.005 min  
Response: 140706945  
Conc: 62.53 ng/ml m



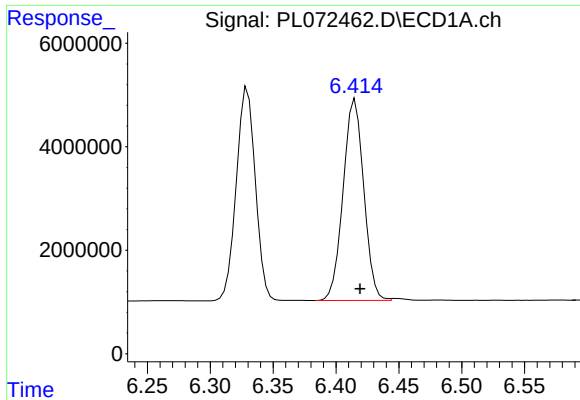
#4 Heptachlor

R.T.: 6.090 min  
Delta R.T.: -0.005 min  
Response: 47831364  
Conc: 55.44 ng/ml m



#4 Heptachlor

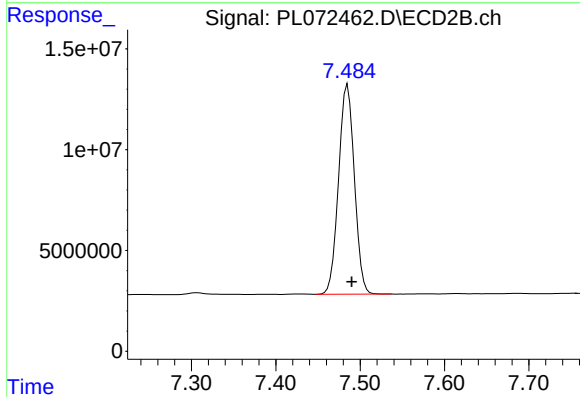
R.T.: 7.115 min  
Delta R.T.: -0.005 min  
Response: 138406915  
Conc: 59.70 ng/ml



#5 Aldrin

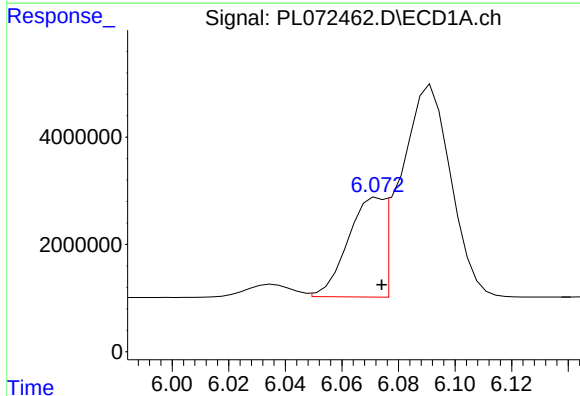
R.T.: 6.415 min  
Delta R.T.: -0.004 min  
Response: 44441731  
Conc: 56.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



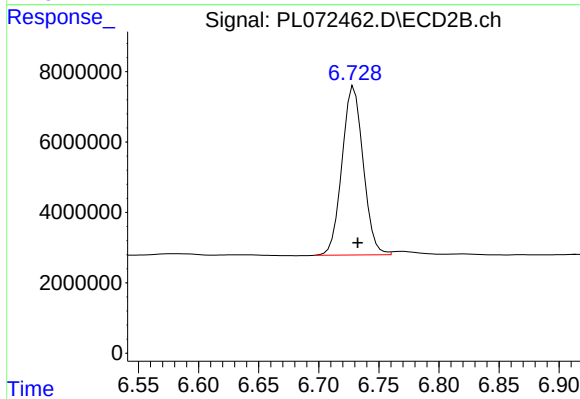
#5 Aldrin

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



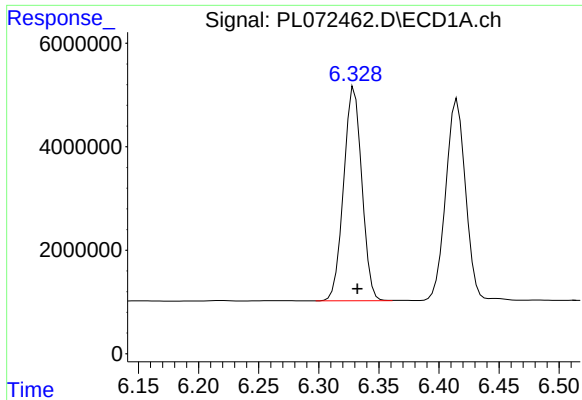
#6 beta-BHC

R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 16095774  
Conc: 48.69 ng/ml m



#6 beta-BHC

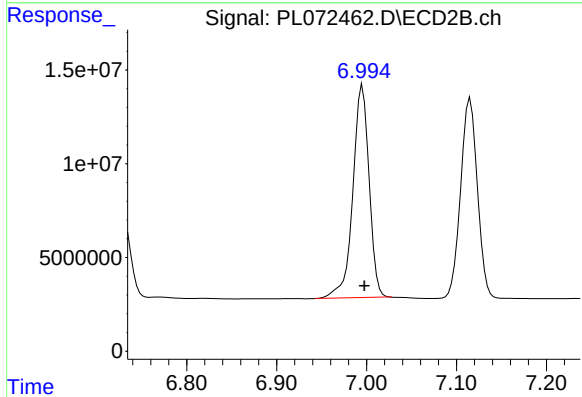
R.T.: 6.729 min  
Delta R.T.: -0.003 min  
Response: 58825274  
Conc: 59.41 ng/ml



#7 delta-BHC

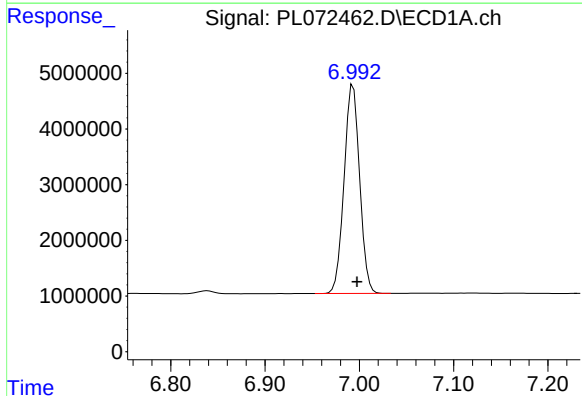
R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 43543608  
Conc: 54.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



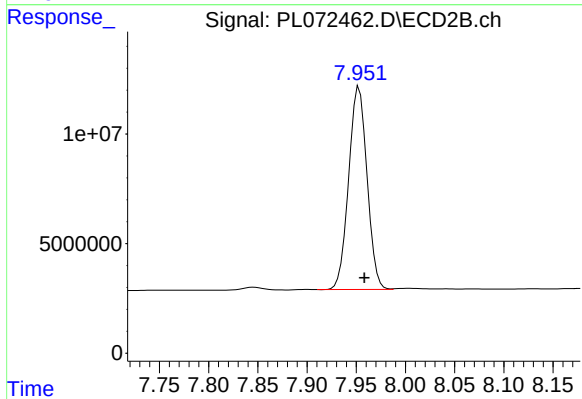
#7 delta-BHC

R.T.: 6.994 min  
Delta R.T.: -0.003 min  
Response: 142043095  
Conc: 57.73 ng/ml m



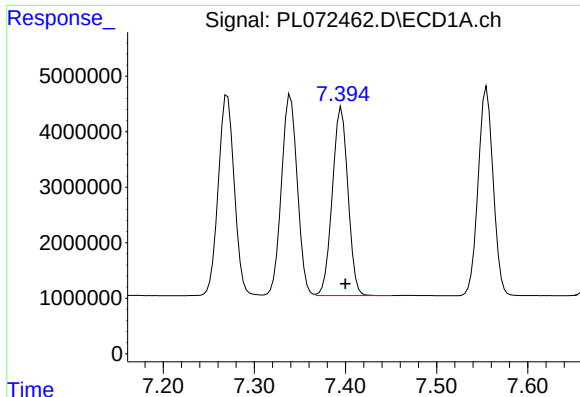
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

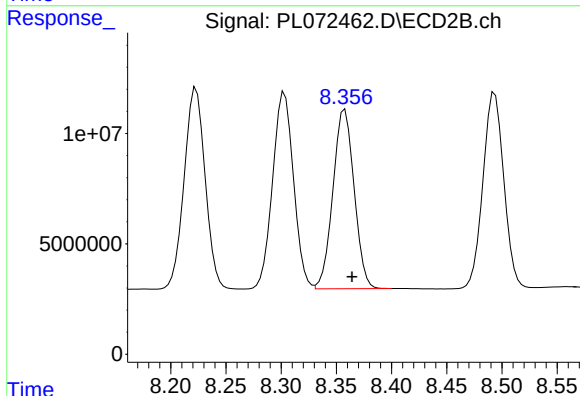
R.T.: 7.953 min  
Delta R.T.: -0.005 min  
Response: 120246306  
Conc: 60.05 ng/ml



#9 Endosulfan I

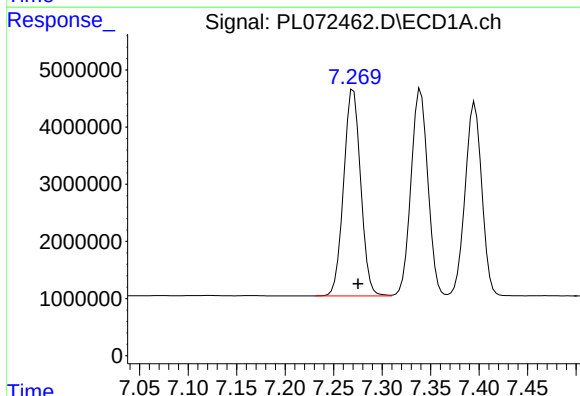
R.T.: 7.396 min  
Delta R.T.: -0.005 min  
Response: 40414654  
Conc: 56.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



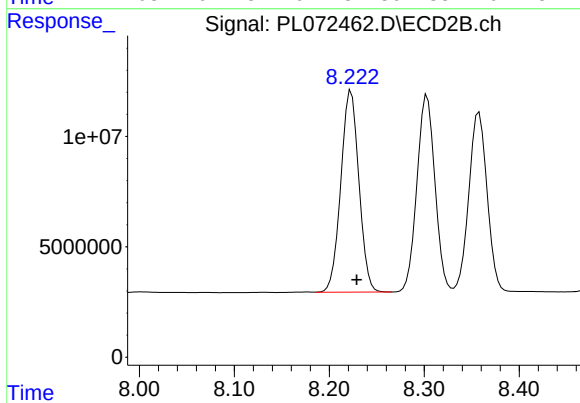
#9 Endosulfan I

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



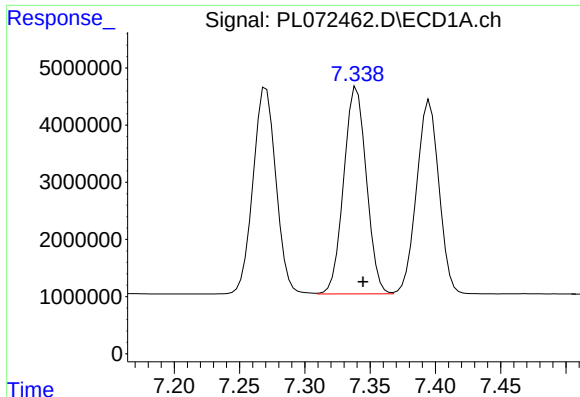
#10 gamma-Chlordane

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



#10 gamma-Chlordane

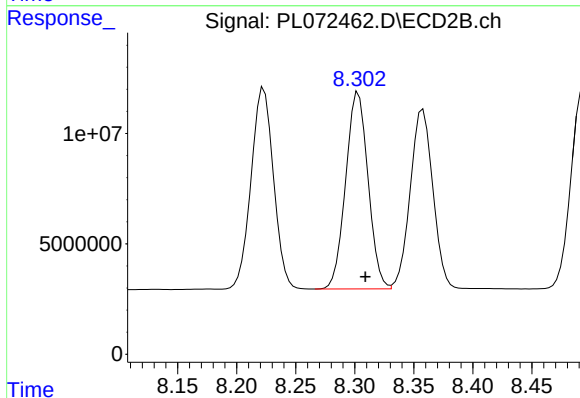
R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 121101714  
Conc: 59.93 ng/ml



#11 alpha-Chlordane

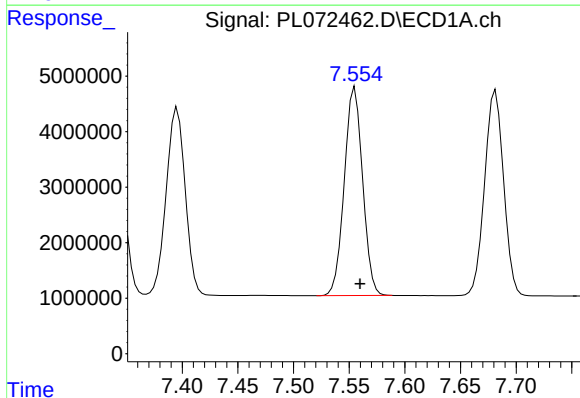
R.T.: 7.340 min  
Delta R.T.: -0.005 min  
Response: 43761970  
Conc: 55.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



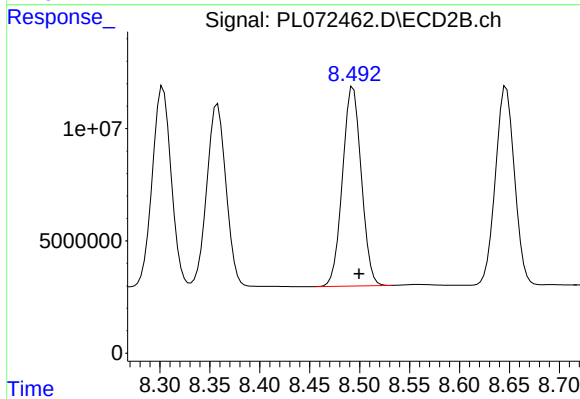
#11 alpha-Chlordane

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



#12 4,4'-DDE

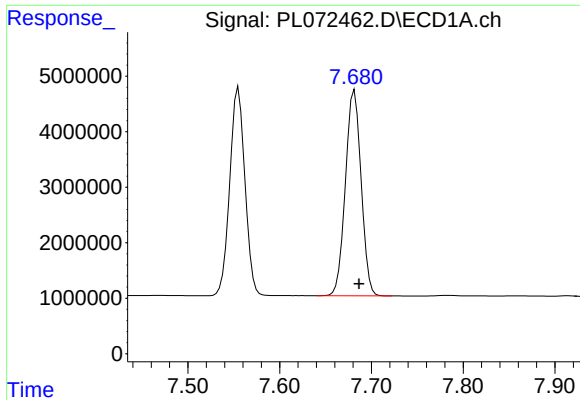
R.T.: 7.555 min  
Delta R.T.: -0.005 min  
Response: 43042487  
Conc: 59.62 ng/ml



#12 4,4'-DDE

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

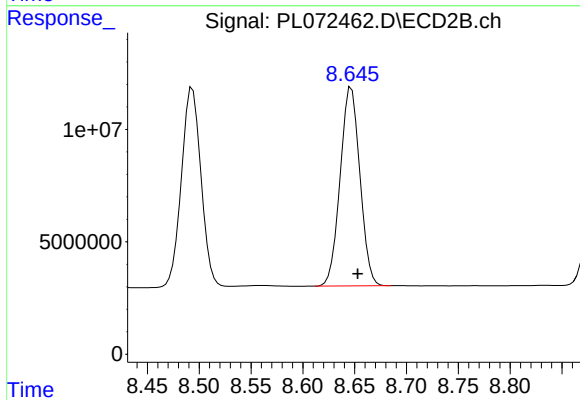




#13 Dieldrin

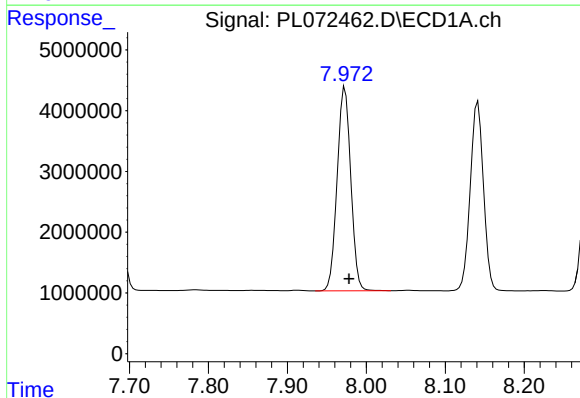
R.T.: 7.682 min  
Delta R.T.: -0.005 min  
Response: 43993420  
Conc: 58.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



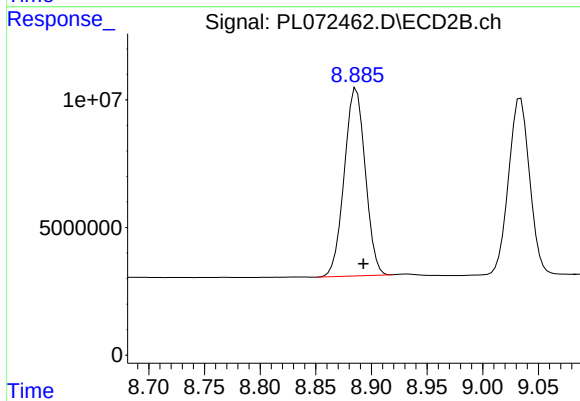
#13 Dieldrin

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



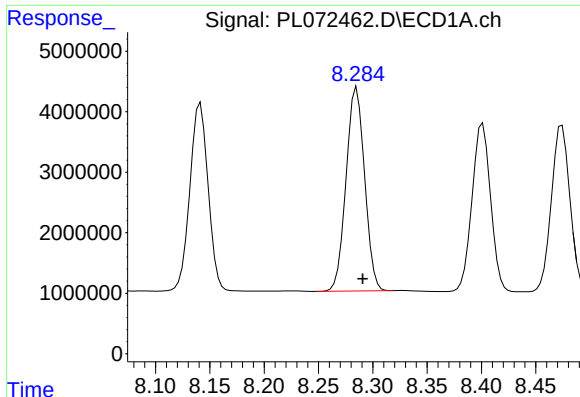
#14 Endrin

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



#14 Endrin

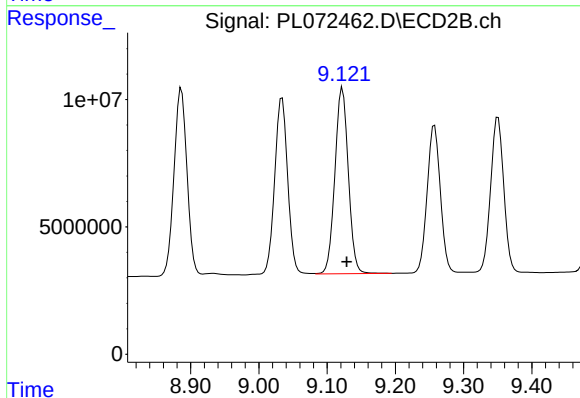
R.T.: 8.886 min  
Delta R.T.: -0.006 min  
Response: 96446796  
Conc: 58.17 ng/ml



#15 Endosulfan II

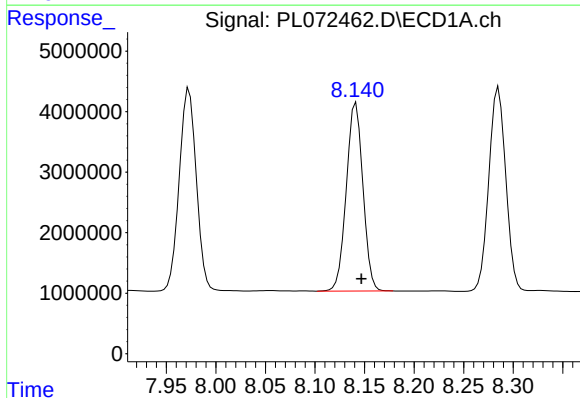
R.T.: 8.285 min  
Delta R.T.: -0.005 min  
Response: 39986356  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



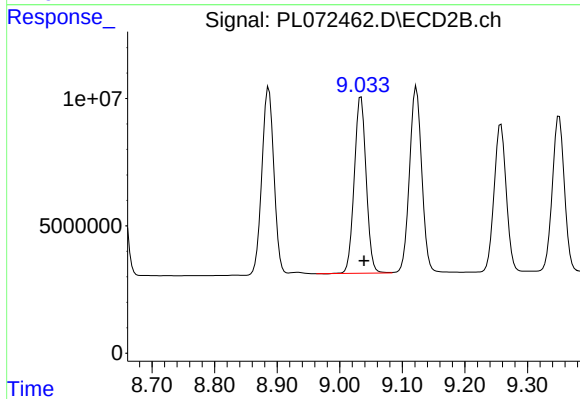
#15 Endosulfan II

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



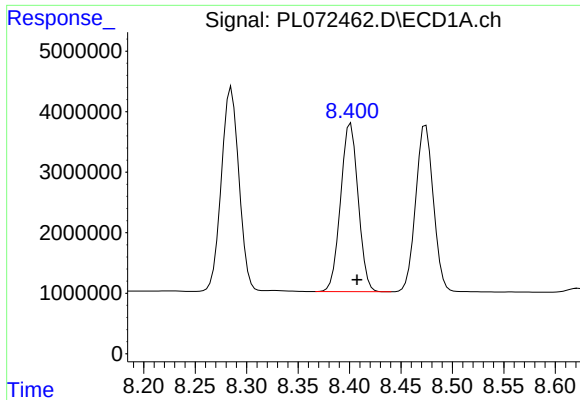
#16 4,4'-DDD

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



#16 4,4'-DDD

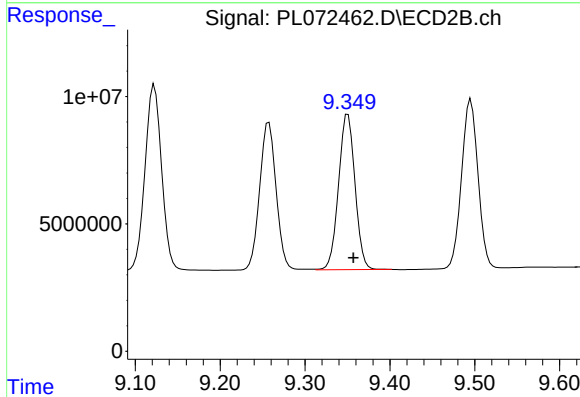
R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 91765079  
Conc: 64.18 ng/ml



#17 4,4'-DDT

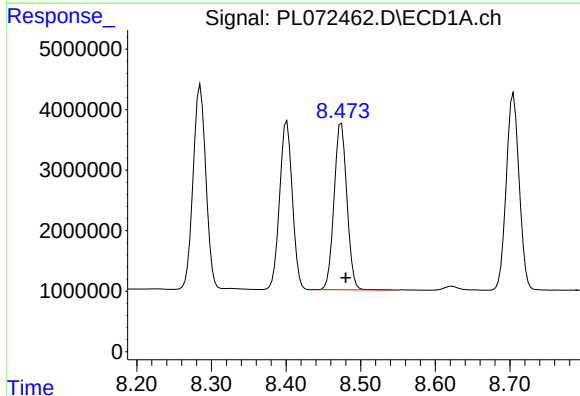
R.T.: 8.401 min  
Delta R.T.: -0.006 min  
Response: 33053995  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



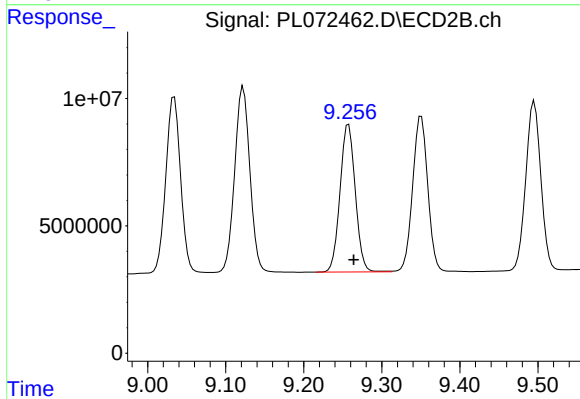
#17 4,4'-DDT

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



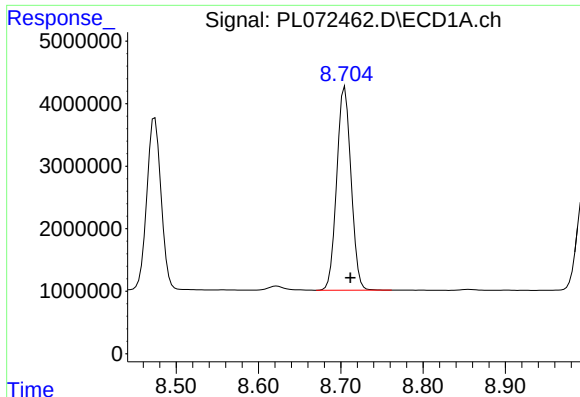
#18 Endrin aldehyde

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



#18 Endrin aldehyde

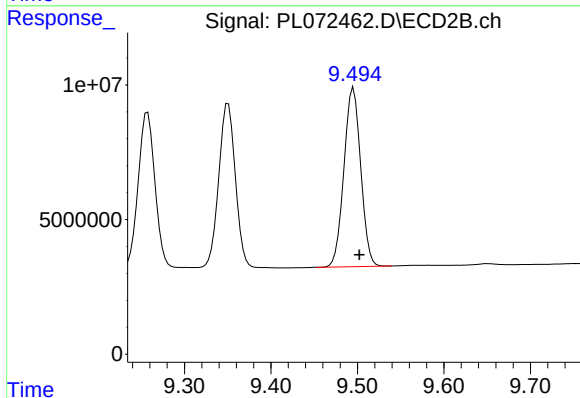
R.T.: 9.257 min  
Delta R.T.: -0.007 min  
Response: 78399586  
Conc: 63.16 ng/ml



#19 Endosulfan Sulfate

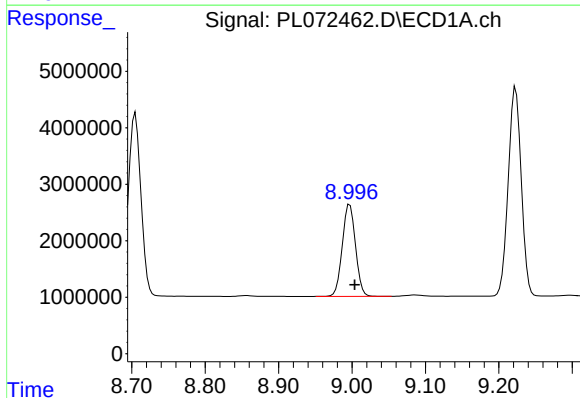
R.T.: 8.705 min  
Delta R.T.: -0.007 min  
Response: 39260336  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



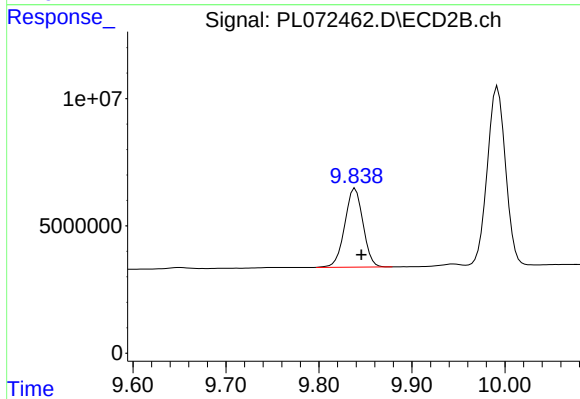
#19 Endosulfan Sulfate

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



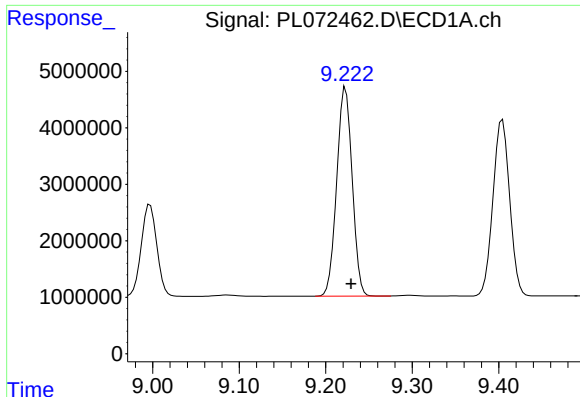
#20 Methoxychlor

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



#20 Methoxychlor

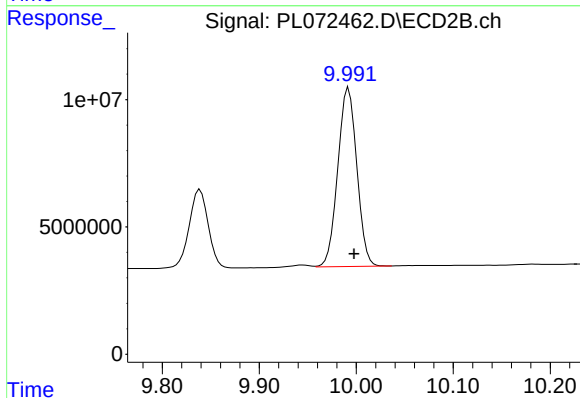
R.T.: 9.839 min  
Delta R.T.: -0.007 min  
Response: 42134321  
Conc: 50.87 ng/ml



#21 Endrin ketone

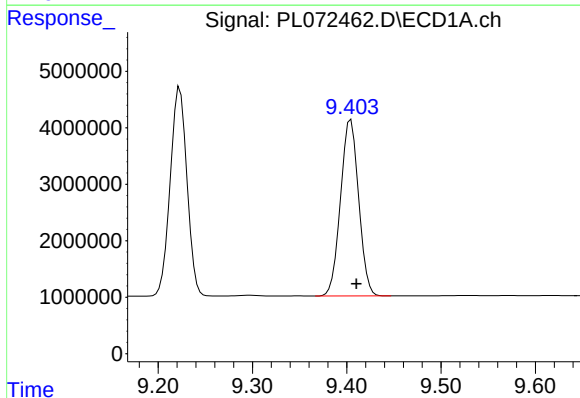
R.T.: 9.223 min  
Delta R.T.: -0.006 min  
Response: 45670770  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



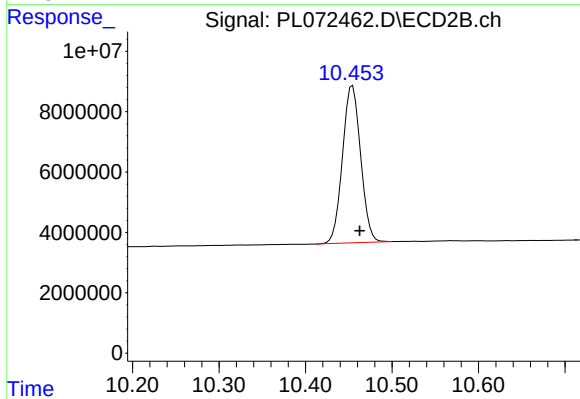
#21 Endrin ketone

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



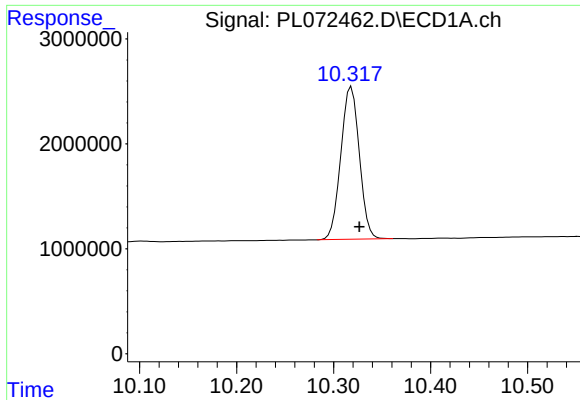
#22 Mirex

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



#22 Mirex

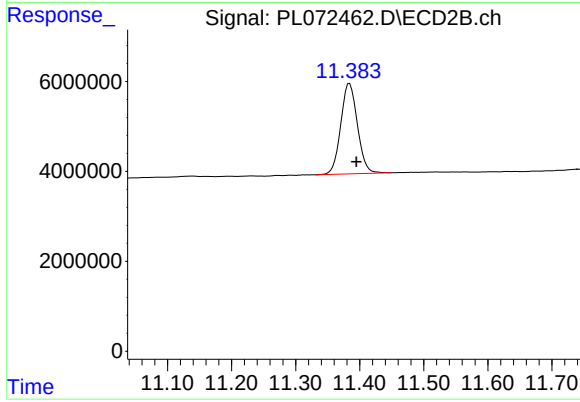
R.T.: 10.454 min  
Delta R.T.: -0.009 min  
Response: 75618563  
Conc: 60.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.317 min  
Delta R.T.: -0.010 min  
Response: 19286190  
Conc: 21.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-CUTTINGSMSD



#28 Decachlorobiphenyl

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