

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020122\  
 Data File : PL072393.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Feb 2022 17:18  
 Operator : AR\AJ  
 Sample : PB142378BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB142378BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 01:57:21 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  | 5.490  | 10781979 | 34630467 | 19.420  | 21.323 |
| 28)                         | SA Decachlor... | 10.315 | 11.381 | 18385572 | 30492600 | 20.694  | 18.898 |
| Target Compounds            |                 |        |        |          |          |         |        |
| 2)                          | A alpha-BHC     | 5.262  | 6.072  | 37733540 | 127.4E6  | 48.801  | 52.783 |
| 3)                          | MA gamma-BHC... | 5.685  | 6.468  | 37126336 | 120.0E6  | 49.238  | 53.333 |
| 4)                          | MA Heptachlor   | 6.089  | 7.114  | 46158052 | 124.2E6  | 53.505m | 53.585 |
| 5)                          | MB Aldrin       | 6.414  | 7.483  | 38356751 | 113.2E6  | 48.575  | 51.188 |
| 6)                          | B beta-BHC      | 6.070  | 6.728  | 17343039 | 53282222 | 52.465m | 53.814 |
| 7)                          | B delta-BHC     | 6.328  | 6.994  | 38436812 | 119.2E6  | 48.523  | 48.444 |
| 8)                          | B Heptachlo...  | 6.991  | 7.951  | 37852492 | 101.1E6  | 49.725  | 50.469 |
| 9)                          | A Endosulfan I  | 7.394  | 8.356  | 35645400 | 90126639 | 50.155  | 49.792 |
| 10)                         | B gamma-Chl...  | 7.268  | 8.221  | 38672271 | 100.2E6  | 49.219  | 49.562 |
| 11)                         | B alpha-Chl...  | 7.338  | 8.301  | 38712008 | 98429025 | 49.346  | 49.641 |
| 12)                         | B 4,4'-DDE      | 7.553  | 8.491  | 37463796 | 95569924 | 51.890  | 50.533 |
| 13)                         | MA Dieldrin     | 7.680  | 8.645  | 37531085 | 94077785 | 49.538  | 47.887 |
| 14)                         | MA Endrin       | 7.971  | 8.884  | 35035585 | 77922902 | 50.003  | 46.998 |
| 15)                         | B Endosulfa...  | 8.283  | 9.120  | 33758154 | 76592162 | 45.403  | 44.662 |
| 16)                         | A 4,4'-DDD      | 8.139  | 9.032  | 30357947 | 70233060 | 51.786  | 49.121 |
| 17)                         | MA 4,4'-DDT     | 8.399  | 9.348  | 34002494 | 77223422 | 51.203  | 48.859 |
| 18)                         | B Endrin al...  | 8.472  | 9.255  | 27902426 | 60885148 | 48.973  | 49.047 |
| 19)                         | B Endosulfa...  | 8.703  | 9.493  | 35060538 | 70745619 | 47.820  | 45.316 |
| 20)                         | A Methoxychlor  | 8.995  | 9.836  | 21194548 | 39105208 | 50.236  | 47.209 |
| 21)                         | B Endrin ke...  | 9.220  | 9.990  | 40866677 | 75179545 | 49.078  | 45.426 |
| 22)                         | Mirex           | 9.402  | 10.451 | 35468108 | 55558808 | 48.028  | 44.526 |
| -----                       |                 |        |        |          |          |         |        |

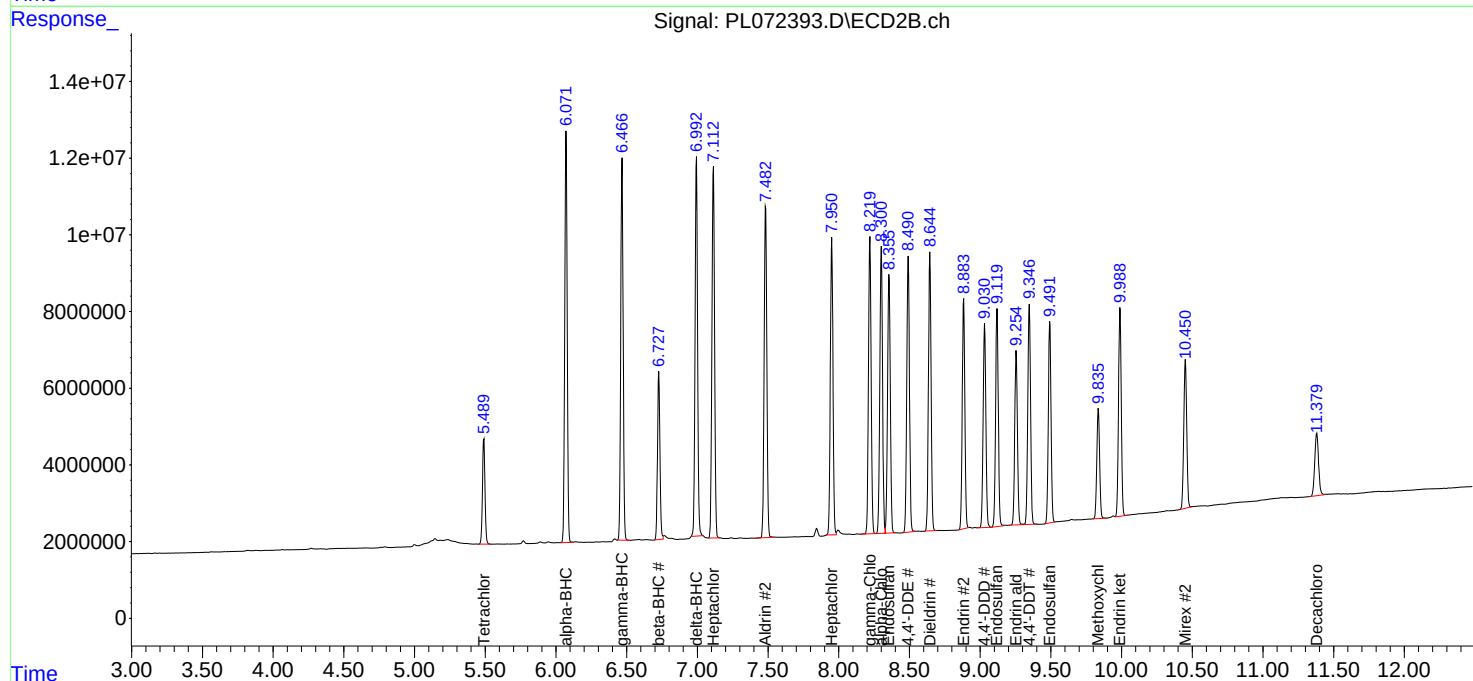
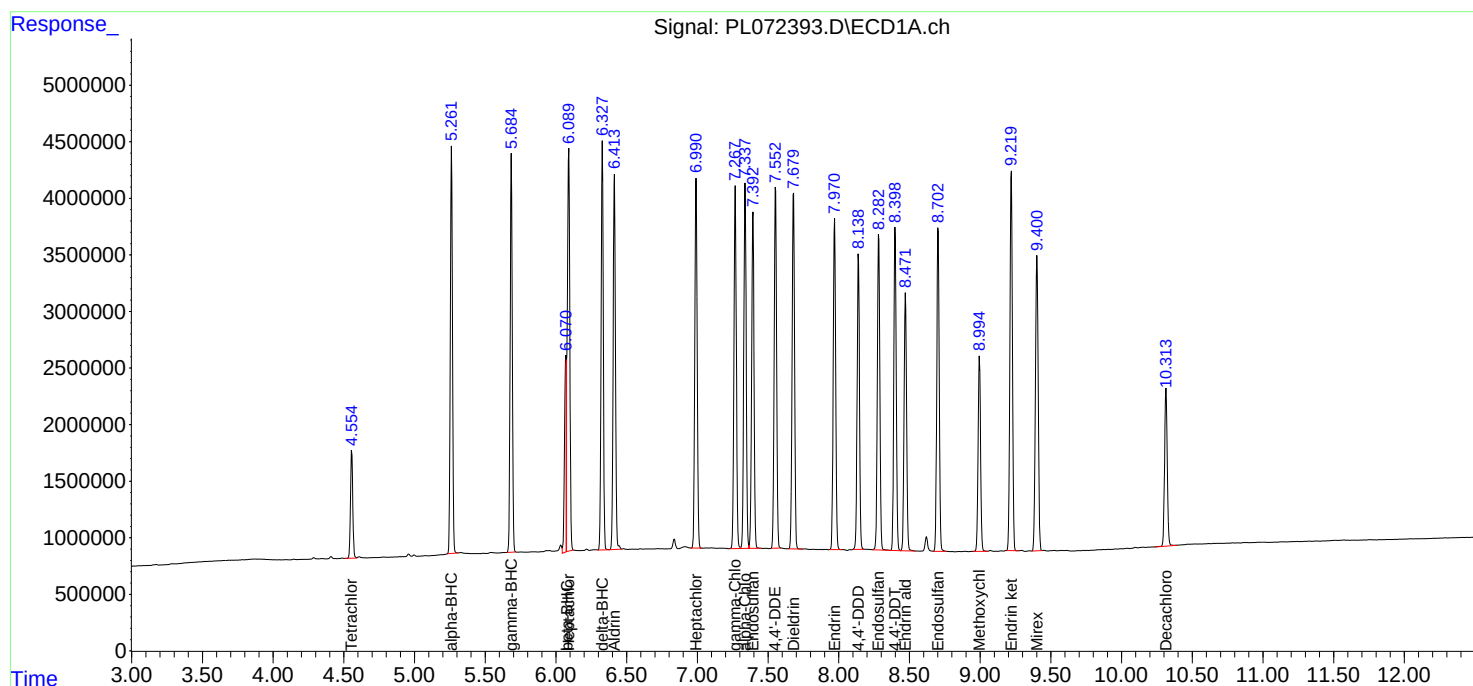
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

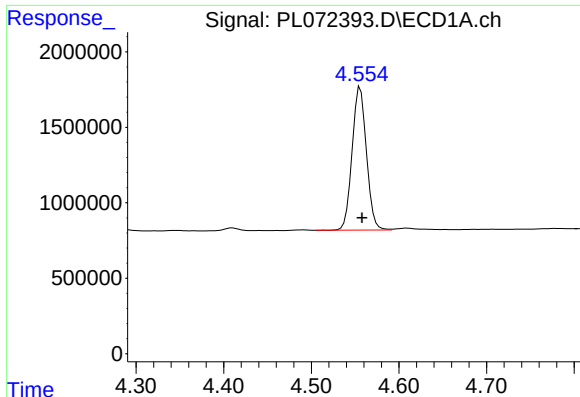
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072393.D  
Data File : PL072393.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Feb 2022 17:18  
Operator : AR\AJ  
Sample : PB142378BS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 02 01:57:21 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

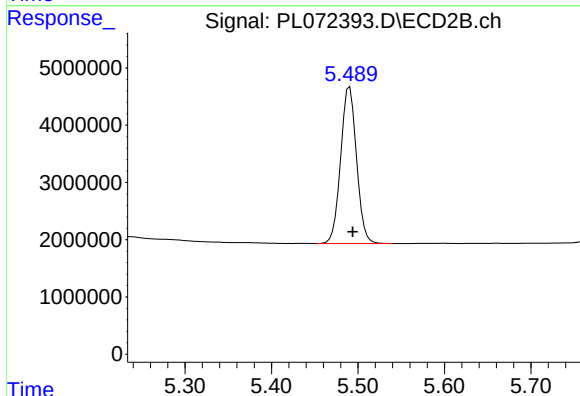




#1 Tetrachloro-m-xylene

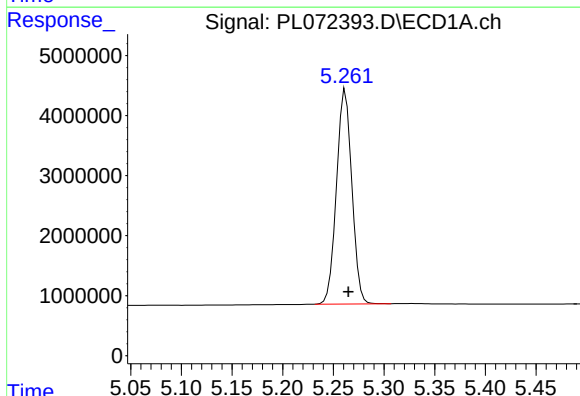
R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 10781979  
Conc: 19.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



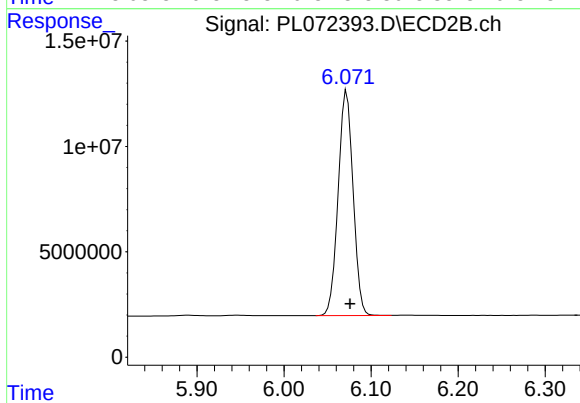
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.004 min  
Response: 34630467  
Conc: 21.32 ng/ml



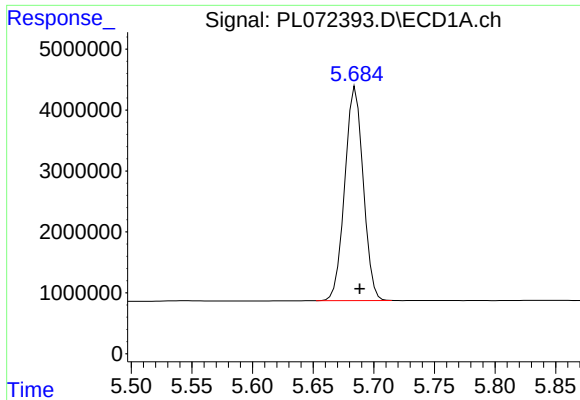
#2 alpha-BHC

R.T.: 5.262 min  
Delta R.T.: -0.003 min  
Response: 37733540  
Conc: 48.80 ng/ml



#2 alpha-BHC

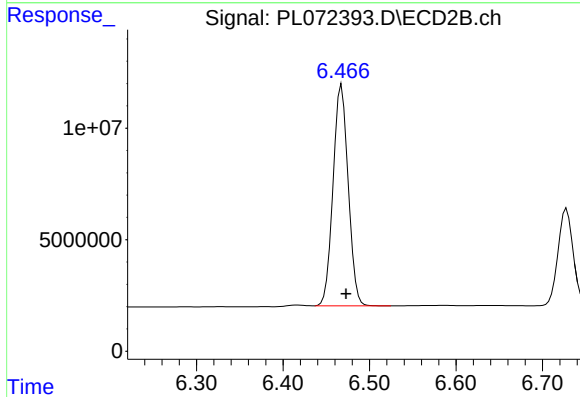
R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 127359364  
Conc: 52.78 ng/ml



#3 gamma-BHC (Lindane)

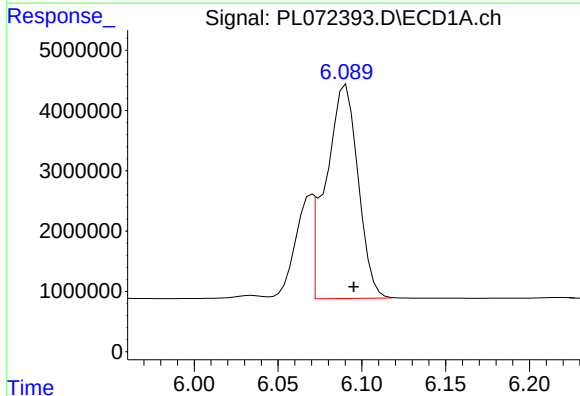
R.T.: 5.685 min  
Delta R.T.: -0.003 min  
Response: 37126336  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



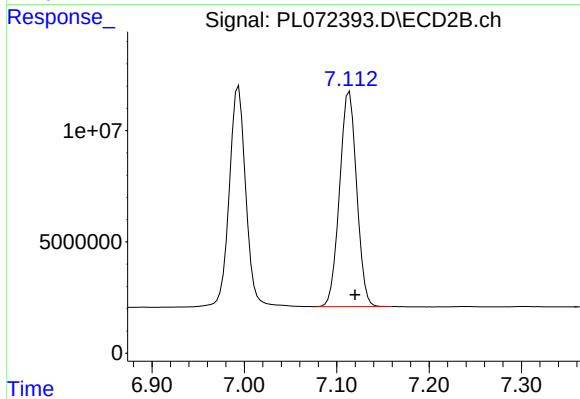
#3 gamma-BHC (Lindane)

R.T.: 6.468 min  
Delta R.T.: -0.005 min  
Response: 120016005  
Conc: 53.33 ng/ml



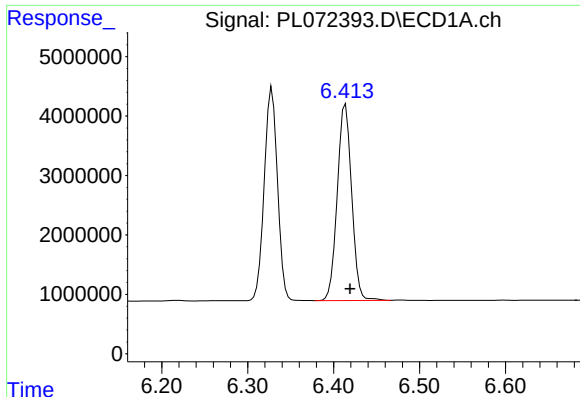
#4 Heptachlor

R.T.: 6.089 min  
Delta R.T.: -0.006 min  
Response: 46158052  
Conc: 53.50 ng/ml m



#4 Heptachlor

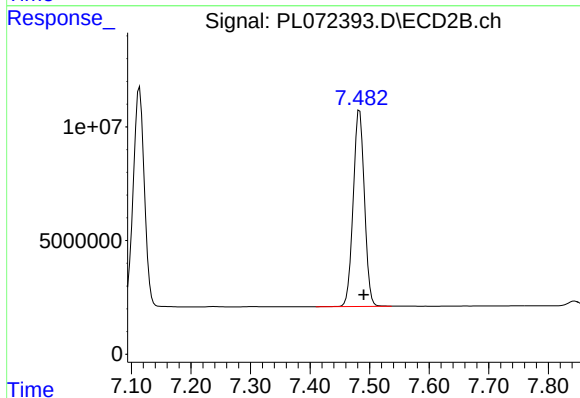
R.T.: 7.114 min  
Delta R.T.: -0.006 min  
Response: 124234770  
Conc: 53.58 ng/ml



#5 Aldrin

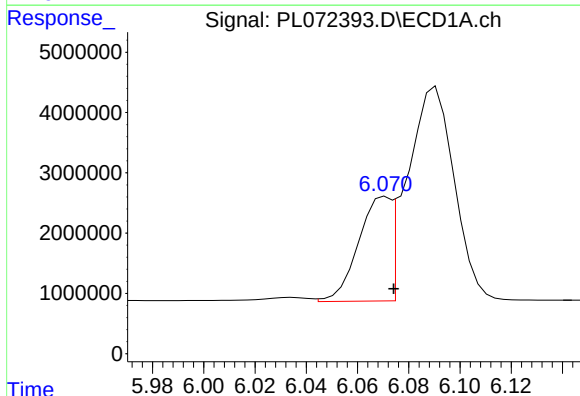
R.T.: 6.414 min  
Delta R.T.: -0.005 min  
Response: 38356751  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



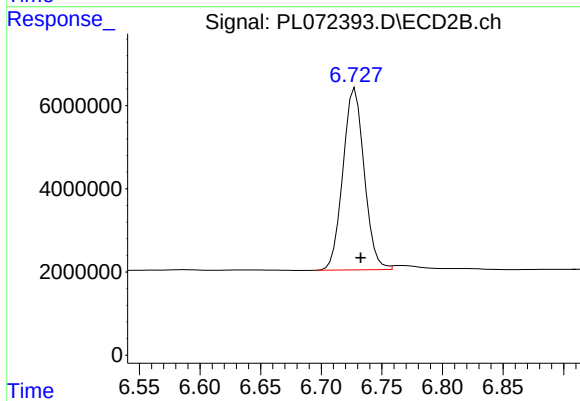
#5 Aldrin

R.T.: 7.483 min  
Delta R.T.: -0.007 min  
Response: 113187595  
Conc: 51.19 ng/ml



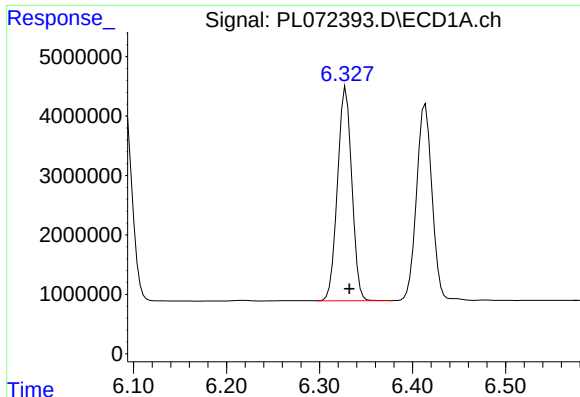
#6 beta-BHC

R.T.: 6.070 min  
Delta R.T.: -0.004 min  
Response: 17343039  
Conc: 52.47 ng/ml m



#6 beta-BHC

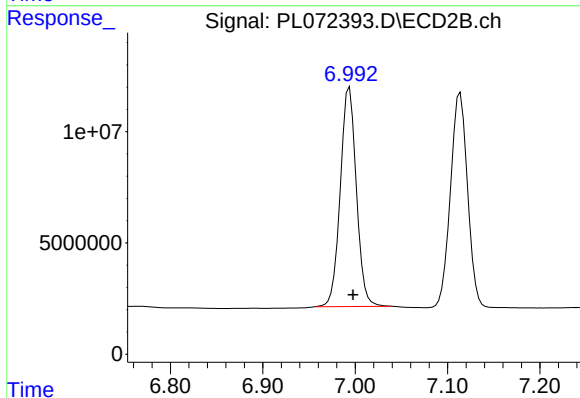
R.T.: 6.728 min  
Delta R.T.: -0.005 min  
Response: 53282222  
Conc: 53.81 ng/ml



#7 delta-BHC

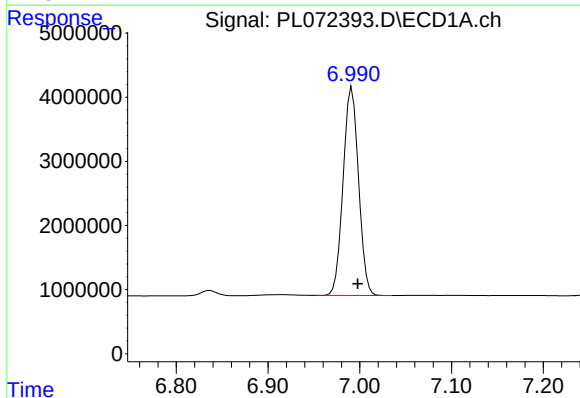
R.T.: 6.328 min  
Delta R.T.: -0.004 min  
Response: 38436812  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



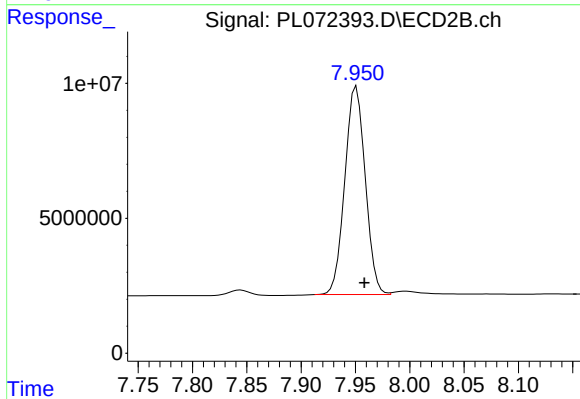
#7 delta-BHC

R.T.: 6.994 min  
Delta R.T.: -0.004 min  
Response: 119188500  
Conc: 48.44 ng/ml



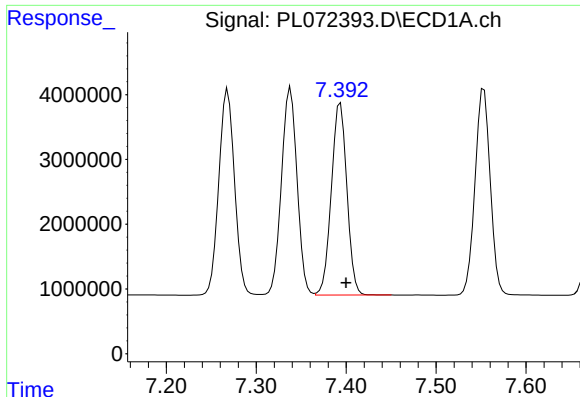
#8 Heptachlor epoxide

R.T.: 6.991 min  
Delta R.T.: -0.006 min  
Response: 37852492  
Conc: 49.73 ng/ml



#8 Heptachlor epoxide

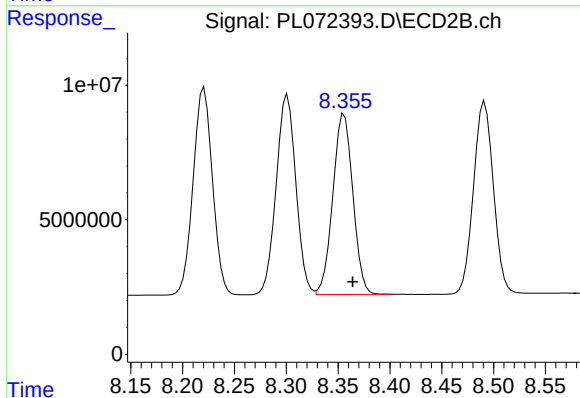
R.T.: 7.951 min  
Delta R.T.: -0.007 min  
Response: 101054563  
Conc: 50.47 ng/ml



#9 Endosulfan I

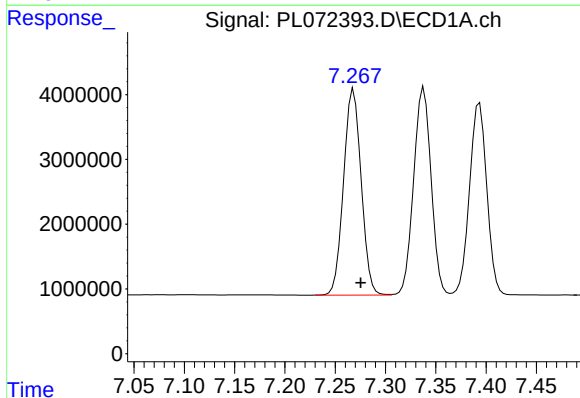
R.T.: 7.394 min  
Delta R.T.: -0.006 min  
Response: 35645400  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



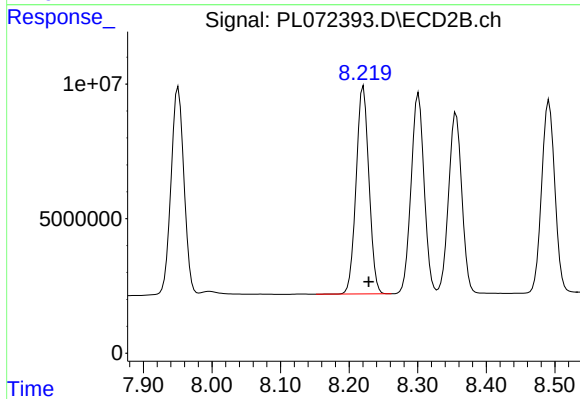
#9 Endosulfan I

R.T.: 8.356 min  
Delta R.T.: -0.008 min  
Response: 90126639  
Conc: 49.79 ng/ml



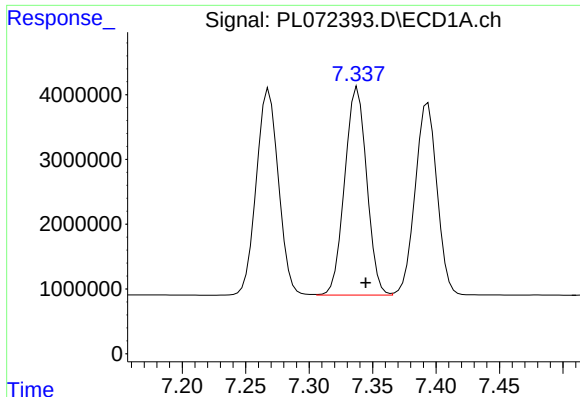
#10 gamma-Chlordane

R.T.: 7.268 min  
Delta R.T.: -0.007 min  
Response: 38672271  
Conc: 49.22 ng/ml



#10 gamma-Chlordane

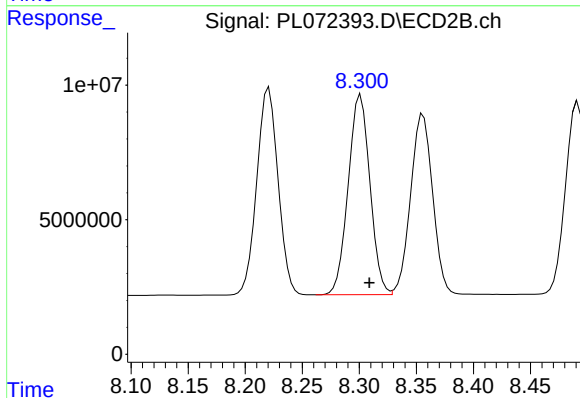
R.T.: 8.221 min  
Delta R.T.: -0.008 min  
Response: 100155584  
Conc: 49.56 ng/ml



#11 alpha-Chlordane

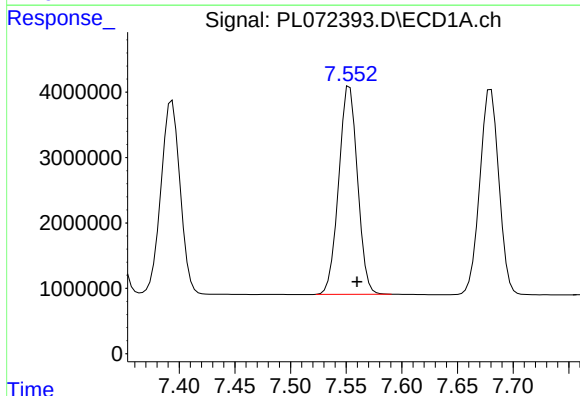
R.T.: 7.338 min  
Delta R.T.: -0.006 min  
Response: 38712008  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



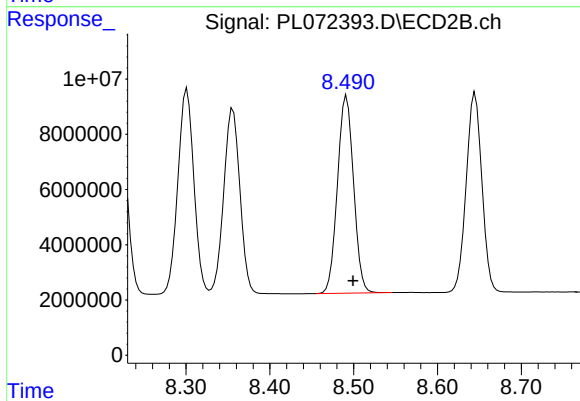
#11 alpha-Chlordane

R.T.: 8.301 min  
Delta R.T.: -0.008 min  
Response: 98429025  
Conc: 49.64 ng/ml



#12 4,4'-DDE

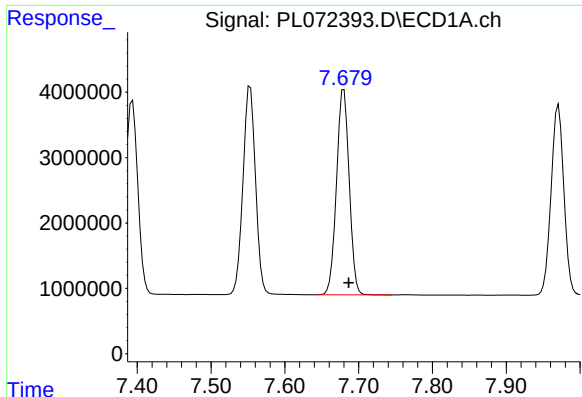
R.T.: 7.553 min  
Delta R.T.: -0.007 min  
Response: 37463796  
Conc: 51.89 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min  
Delta R.T.: -0.008 min  
Response: 95569924  
Conc: 50.53 ng/ml

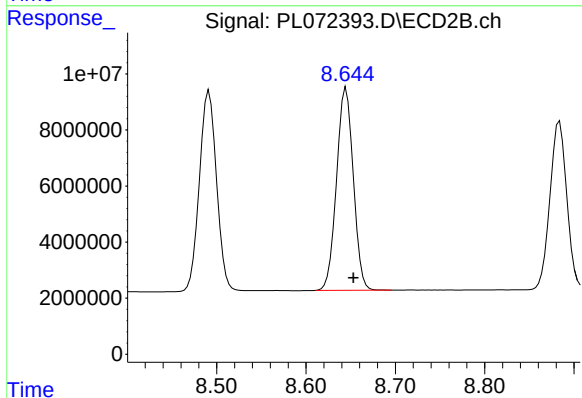




#13 Dieldrin

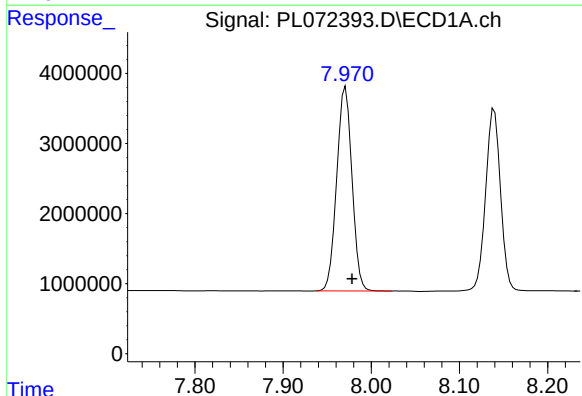
R.T.: 7.680 min  
Delta R.T.: -0.006 min  
Response: 37531085  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



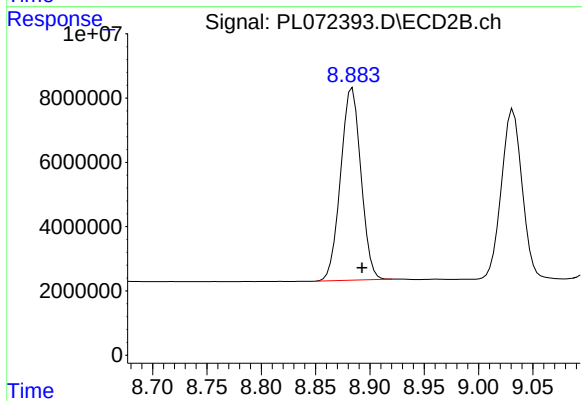
#13 Dieldrin

R.T.: 8.645 min  
Delta R.T.: -0.008 min  
Response: 94077785  
Conc: 47.89 ng/ml



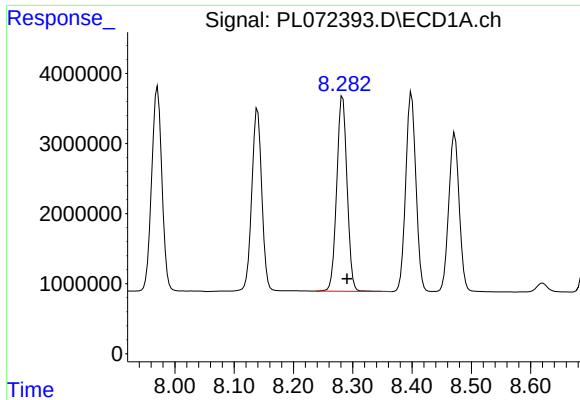
#14 Endrin

R.T.: 7.971 min  
Delta R.T.: -0.007 min  
Response: 35035585  
Conc: 50.00 ng/ml



#14 Endrin

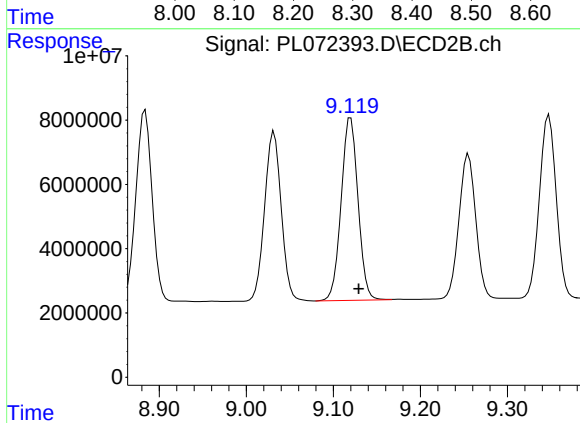
R.T.: 8.884 min  
Delta R.T.: -0.009 min  
Response: 77922902  
Conc: 47.00 ng/ml



#15 Endosulfan II

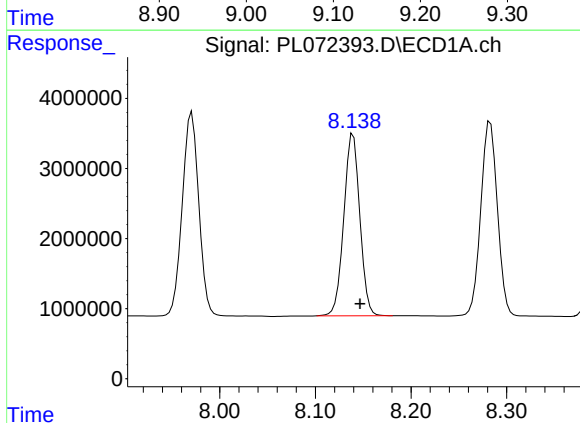
R.T.: 8.283 min  
Delta R.T.: -0.008 min  
Response: 33758154  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



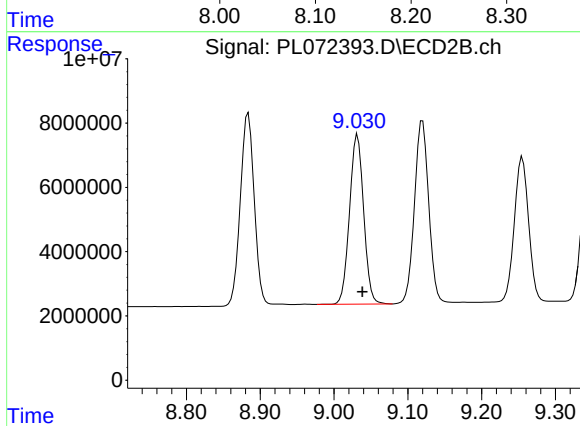
#15 Endosulfan II

R.T.: 9.120 min  
Delta R.T.: -0.009 min  
Response: 76592162  
Conc: 44.66 ng/ml



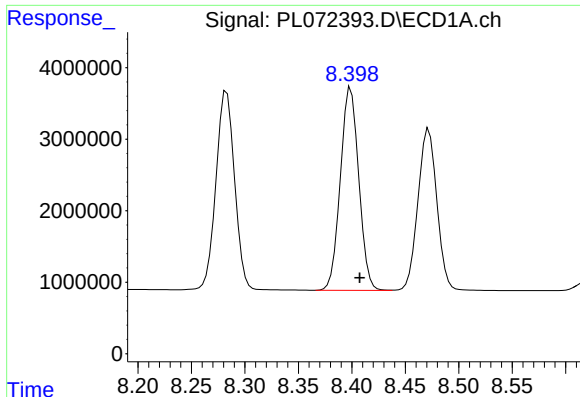
#16 4,4'-DDD

R.T.: 8.139 min  
Delta R.T.: -0.007 min  
Response: 30357947  
Conc: 51.79 ng/ml



#16 4,4'-DDD

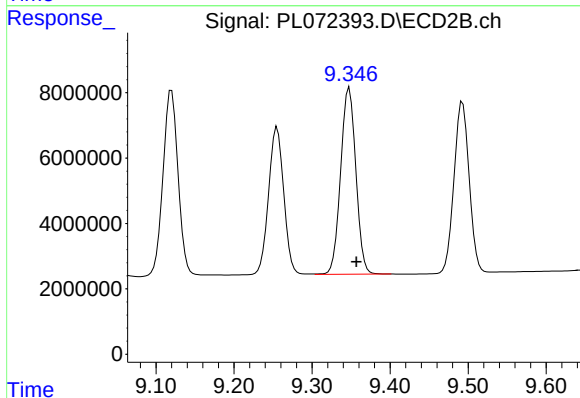
R.T.: 9.032 min  
Delta R.T.: -0.007 min  
Response: 70233060  
Conc: 49.12 ng/ml



#17 4,4'-DDT

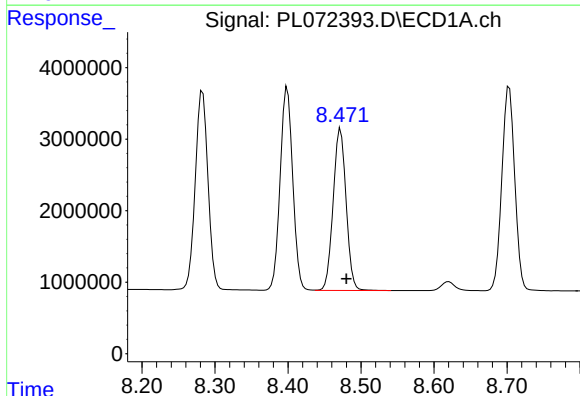
R.T.: 8.399 min  
Delta R.T.: -0.008 min  
Response: 34002494  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



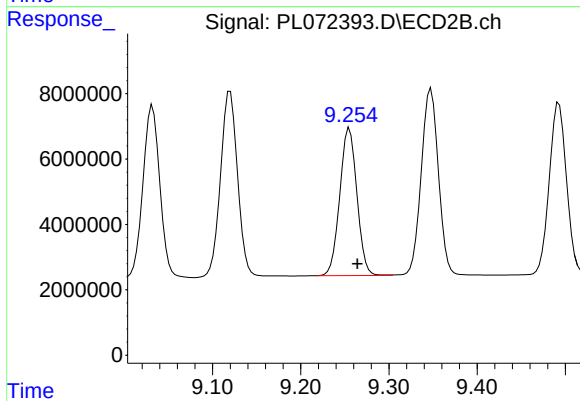
#17 4,4'-DDT

R.T.: 9.348 min  
Delta R.T.: -0.009 min  
Response: 77223422  
Conc: 48.86 ng/ml



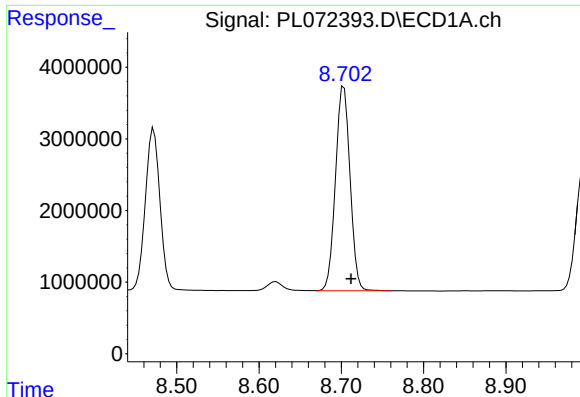
#18 Endrin aldehyde

R.T.: 8.472 min  
Delta R.T.: -0.008 min  
Response: 27902426  
Conc: 48.97 ng/ml



#18 Endrin aldehyde

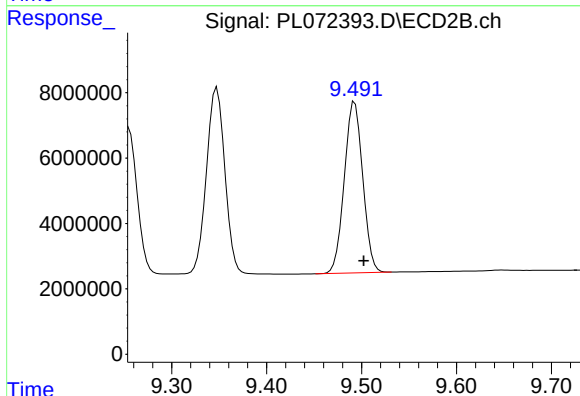
R.T.: 9.255 min  
Delta R.T.: -0.009 min  
Response: 60885148  
Conc: 49.05 ng/ml



#19 Endosulfan Sulfate

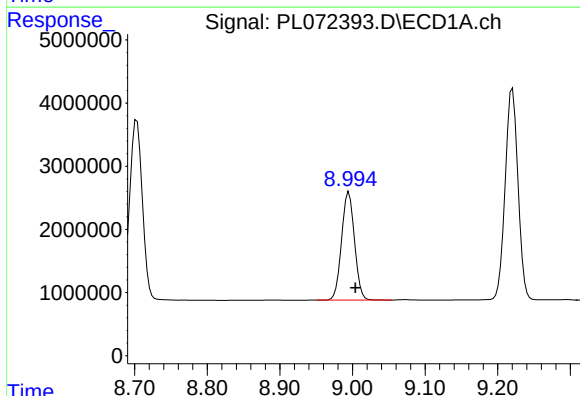
R.T.: 8.703 min  
Delta R.T.: -0.009 min  
Response: 35060538  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



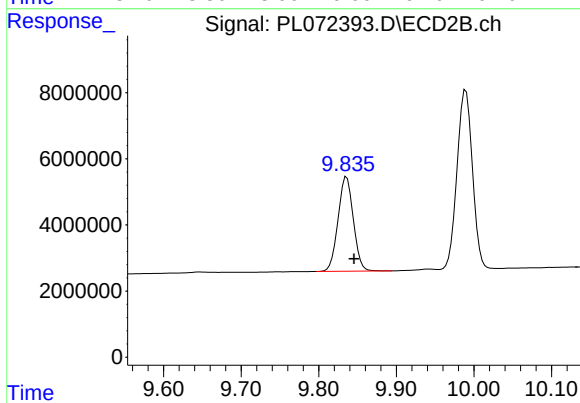
#19 Endosulfan Sulfate

R.T.: 9.493 min  
Delta R.T.: -0.009 min  
Response: 70745619  
Conc: 45.32 ng/ml



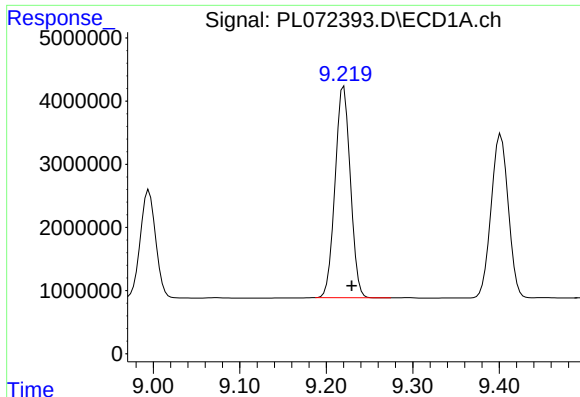
#20 Methoxychlor

R.T.: 8.995 min  
Delta R.T.: -0.009 min  
Response: 21194548  
Conc: 50.24 ng/ml



#20 Methoxychlor

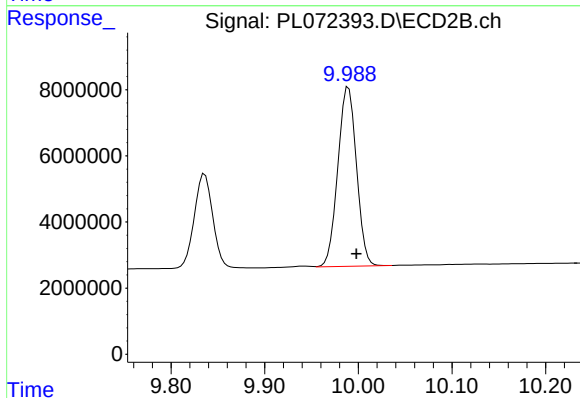
R.T.: 9.836 min  
Delta R.T.: -0.010 min  
Response: 39105208  
Conc: 47.21 ng/ml



#21 Endrin ketone

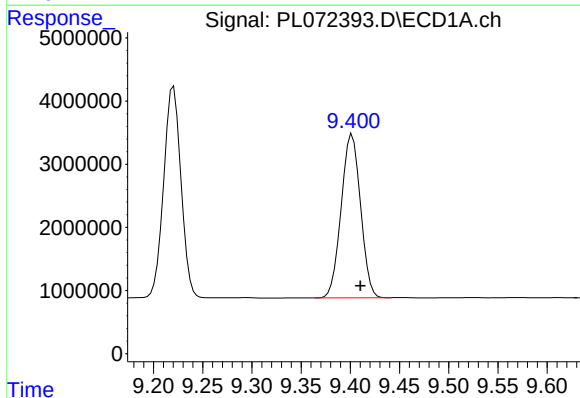
R.T.: 9.220 min  
Delta R.T.: -0.009 min  
Response: 40866677  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



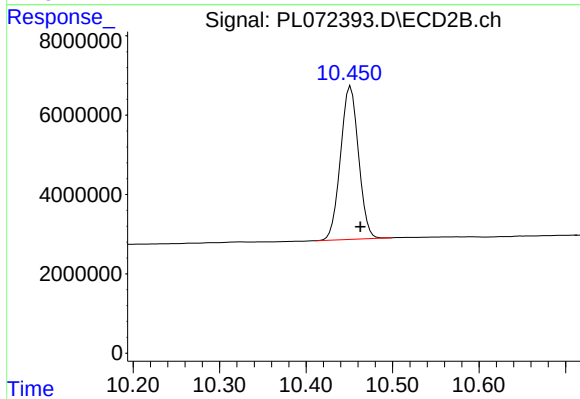
#21 Endrin ketone

R.T.: 9.990 min  
Delta R.T.: -0.008 min  
Response: 75179545  
Conc: 45.43 ng/ml



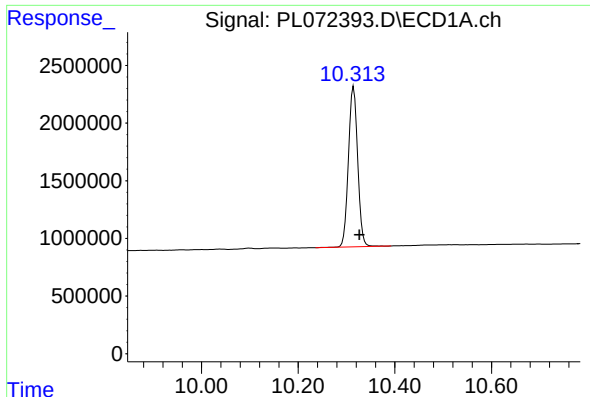
#22 Mirex

R.T.: 9.402 min  
Delta R.T.: -0.008 min  
Response: 35468108  
Conc: 48.03 ng/ml



#22 Mirex

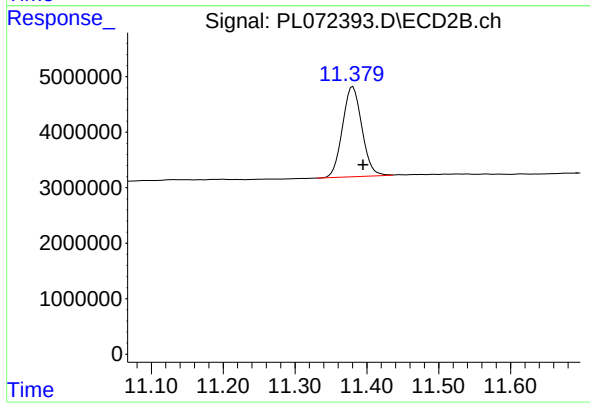
R.T.: 10.451 min  
Delta R.T.: -0.011 min  
Response: 55558808  
Conc: 44.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.315 min  
Delta R.T.: -0.012 min  
Response: 18385572  
Conc: 20.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142378BS



#28 Decachlorobiphenyl

R.T.: 11.381 min  
Delta R.T.: -0.014 min  
Response: 30492600  
Conc: 18.90 ng/ml