

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031422\  
 Data File : PL073355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2022 21:58  
 Operator : AR\AJ  
 Sample : PB143309BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB143309BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 05:12:13 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 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... | 4.643  | 5.489  | 5941845  | 30967039 | 18.552   | 18.868     |
| 2)                          | SA Decachlor... | 10.417 | 11.328 | 10321719 | 36859936 | 20.298   | 20.613     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.351  | 6.052  | 19334363 | 109.7E6  | 46.905   | 48.784     |
| 3)                          | MA gamma-BHC... | 5.774  | 6.441  | 19234402 | 102.9E6  | 46.111   | 48.173     |
| 4)                          | MA Heptachlor   | 6.186  | 7.100  | 20900297 | 112.3E6  | 46.322   | 47.945     |
| 5)                          | MB Aldrin       | 6.511  | 7.468  | 20228120 | 106.8E6  | 48.958   | 50.981     |
| 6)                          | B beta-BHC      | 6.154  | 6.677  | 9198312  | 46161927 | 44.675   | 44.285     |
| 7)                          | B delta-BHC     | 6.415  | 6.945  | 18911879 | 104.7E6  | 47.086   | 48.633     |
| 8)                          | B Heptachlo...  | 7.088  | 7.924  | 20511751 | 98203355 | 47.593   | 49.168     |
| 9)                          | A Endosulfan I  | 7.491  | 8.324  | 19363016 | 88810412 | 47.202   | 48.653     |
| 10)                         | B gamma-Chl...  | 7.365  | 8.192  | 20840083 | 100.2E6  | 47.656   | 49.084     |
| 11)                         | B alpha-Chl...  | 7.435  | 8.274  | 21118177 | 98707675 | 47.786   | 49.354     |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.459  | 17378748 | 90578166 | 48.431   | 50.535     |
| 13)                         | MA Dieldrin     | 7.777  | 8.609  | 20762220 | 94967332 | 49.834   | 51.480     |
| 14)                         | MA Endrin       | 8.068  | 8.844  | 19091113 | 78555167 | 49.203   | 51.029     |
| 15)                         | B Endosulfa...  | 8.379  | 9.067  | 19917587 | 80705542 | 50.956   | 52.548     |
| 16)                         | A 4,4'-DDD      | 8.234  | 8.986  | 15775147 | 72083896 | 48.578   | 49.382     |
| 17)                         | MA 4,4'-DDT     | 8.496  | 9.305  | 18141599 | 78601445 | 47.970   | 48.088     |
| 18)                         | B Endrin al...  | 8.568  | 9.199  | 16566093 | 53449853 | 52.383   | 43.586     |
| 19)                         | B Endosulfa...  | 8.799  | 9.437  | 20375104 | 78536484 | 48.234   | 49.831     |
| 20)                         | A Methoxychlor  | 9.092  | 9.784  | 12298747 | 44318224 | 47.942   | 49.184     |
| 21)                         | B Endrin ke...  | 9.318  | 9.926  | 24482903 | 83458231 | 50.044   | 50.563     |
| 22)                         | Mirex           | 9.506  | 10.401 | 24857087 | 74990949 | 52.712   | 55.203     |
| 24)                         | Chlordane-2     | 0.000  | 7.468f | 0        | 106.8E6  | N.D.     | 1485.994 # |
| 25)                         | Chlordane-3     | 7.365  | 8.192  | 20840083 | 100.2E6  | 510.359  | 369.743 #  |
| 26)                         | Chlordane-4     | 7.435  | 8.274  | 21118177 | 98707675 | 476.484  | 297.983 #  |
| 27)                         | Chlordane-5     | 8.379  | 0.000  | 19917587 | 0        | 1216.320 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

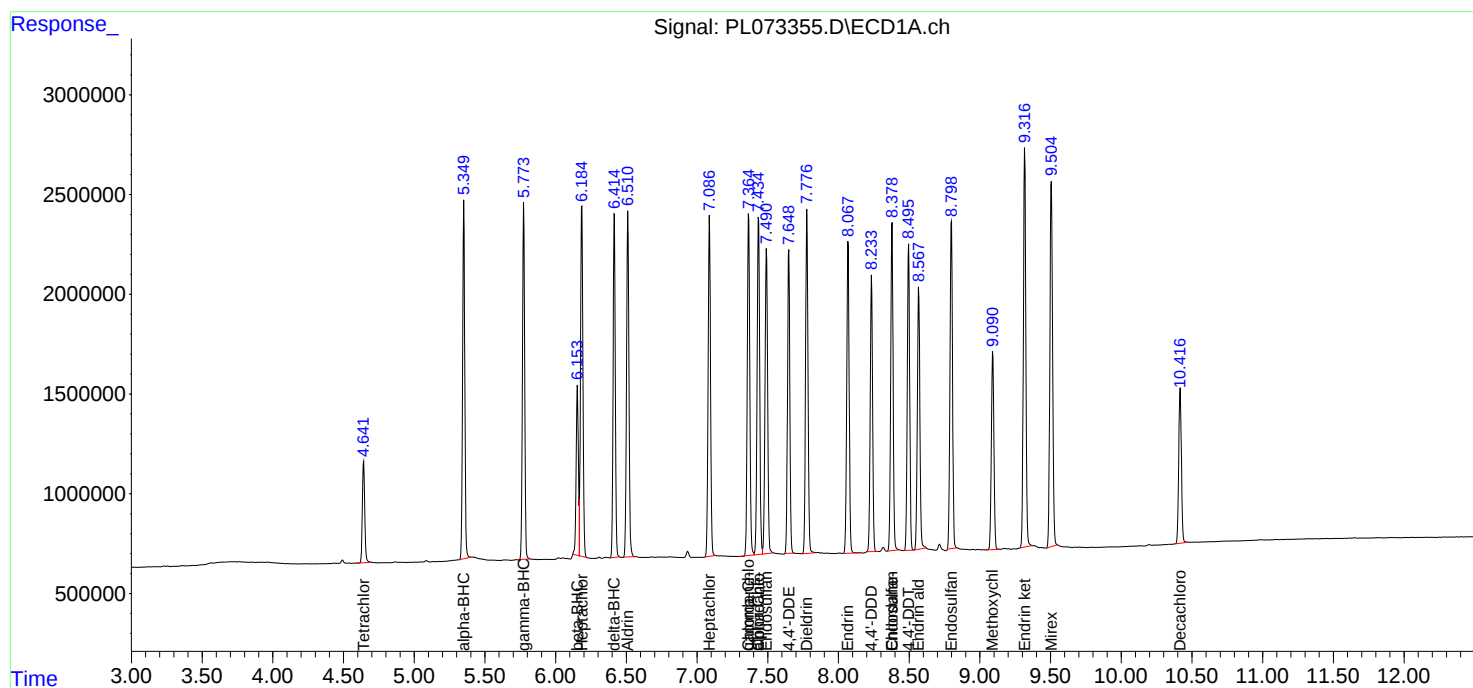
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

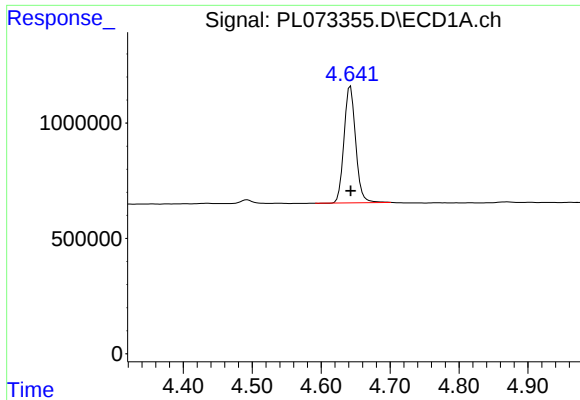
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031422\  
Data File : PL073355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2022 21:58  
Operator : AR\AJ  
Sample : PB143309BS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 05:12:13 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 04:12:46 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

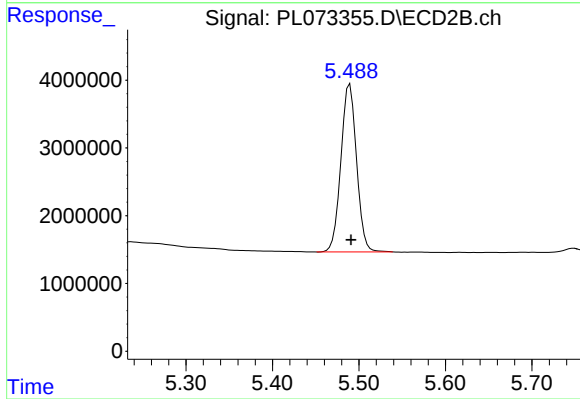




#1 Tetrachloro-m-xylene

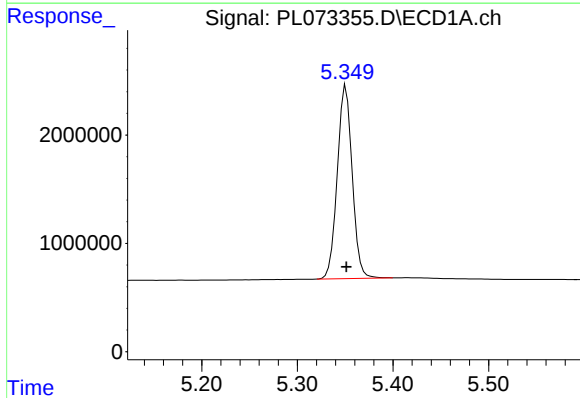
R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 5941845  
Conc: 18.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



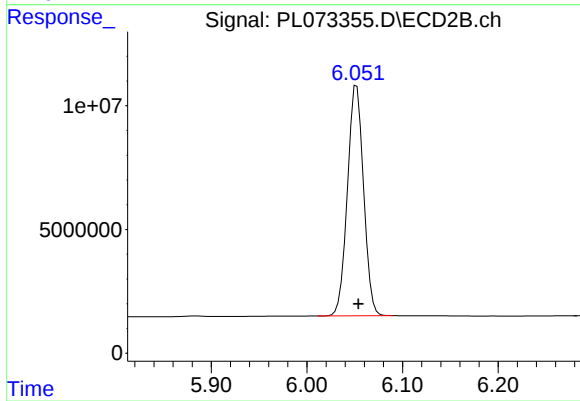
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 30967039  
Conc: 18.87 ng/ml



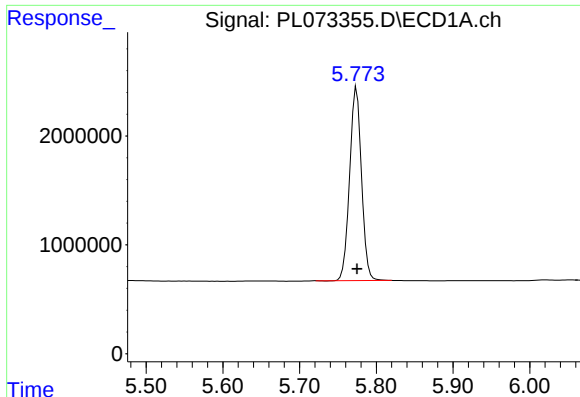
#2 alpha-BHC

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 19334363  
Conc: 46.90 ng/ml



#2 alpha-BHC

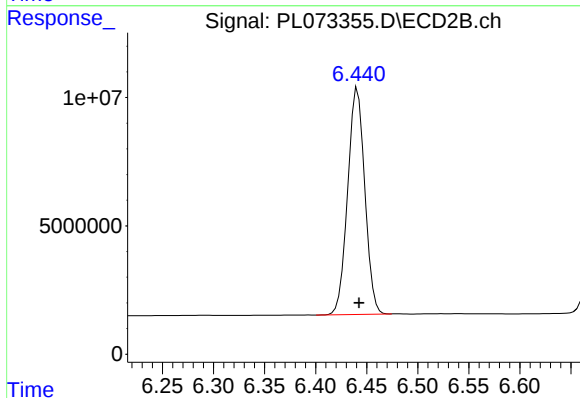
R.T.: 6.052 min  
Delta R.T.: -0.002 min  
Response: 109746068  
Conc: 48.78 ng/ml



#3 gamma-BHC (Lindane)

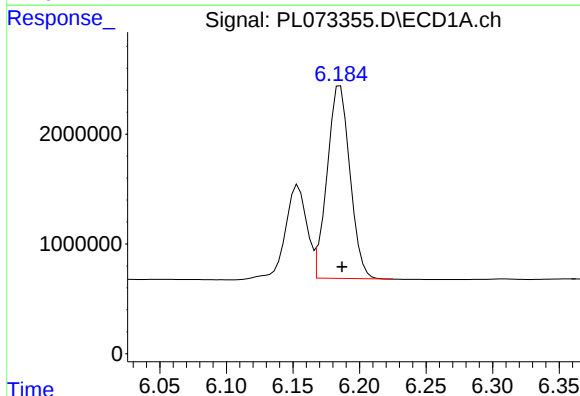
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 19234402  
Conc: 46.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



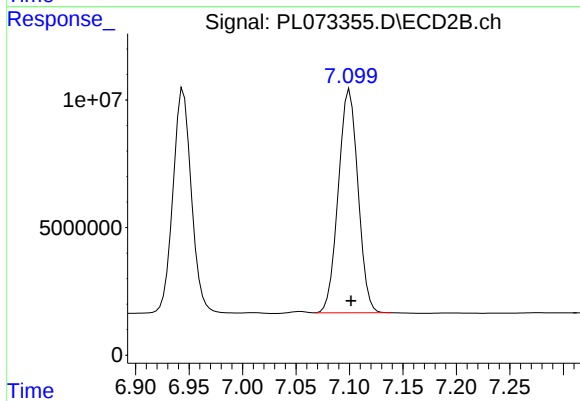
#3 gamma-BHC (Lindane)

R.T.: 6.441 min  
Delta R.T.: -0.002 min  
Response: 102853800  
Conc: 48.17 ng/ml



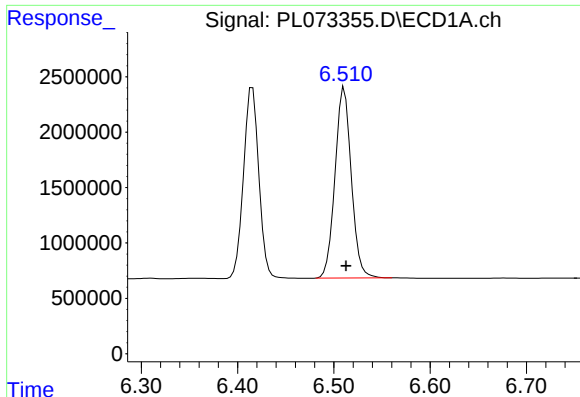
#4 Heptachlor

R.T.: 6.186 min  
Delta R.T.: -0.001 min  
Response: 20900297  
Conc: 46.32 ng/ml



#4 Heptachlor

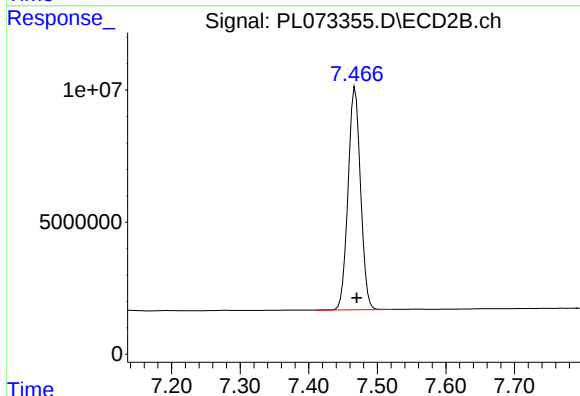
R.T.: 7.100 min  
Delta R.T.: -0.001 min  
Response: 112338788  
Conc: 47.94 ng/ml



#5 Aldrin

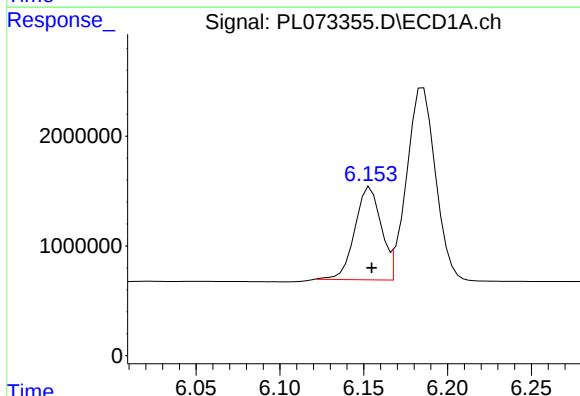
R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 20228120  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



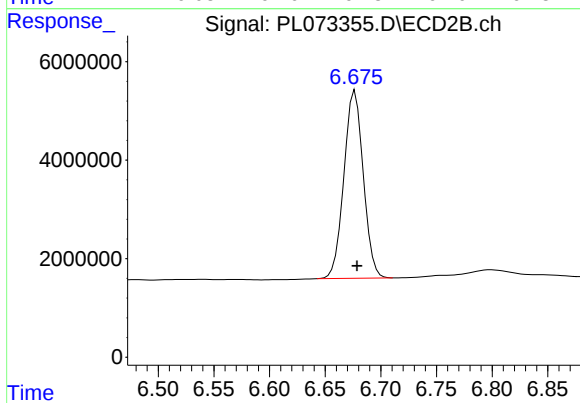
#5 Aldrin

R.T.: 7.468 min  
Delta R.T.: -0.002 min  
Response: 106803903  
Conc: 50.98 ng/ml



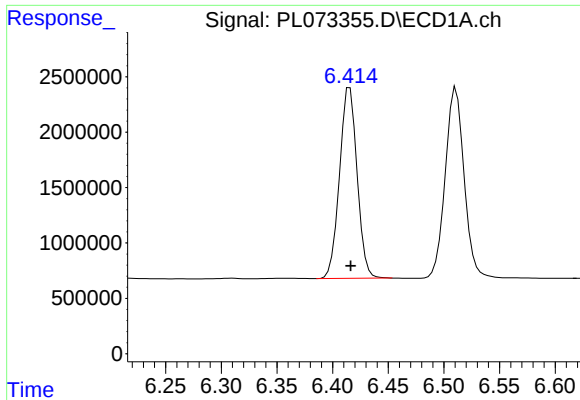
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 9198312  
Conc: 44.67 ng/ml



#6 beta-BHC

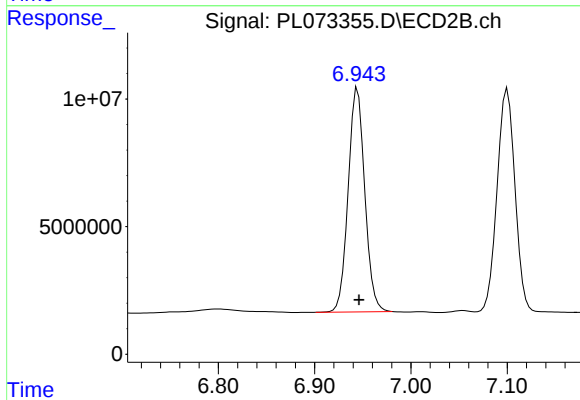
R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 46161927  
Conc: 44.29 ng/ml



#7 delta-BHC

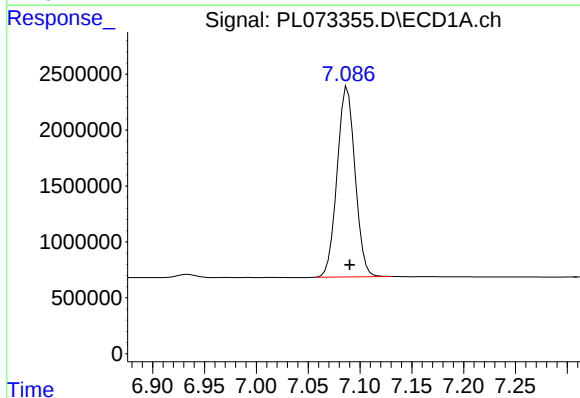
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 18911879  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



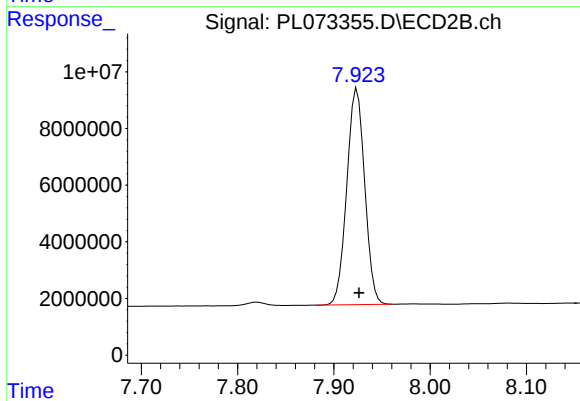
#7 delta-BHC

R.T.: 6.945 min  
Delta R.T.: -0.002 min  
Response: 104734776  
Conc: 48.63 ng/ml



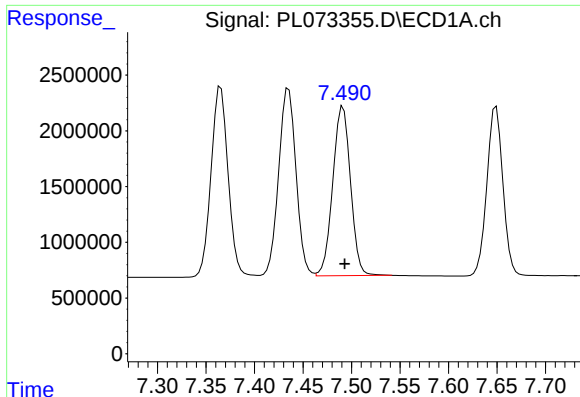
#8 Heptachlor epoxide

R.T.: 7.088 min  
Delta R.T.: -0.002 min  
Response: 20511751  
Conc: 47.59 ng/ml



#8 Heptachlor epoxide

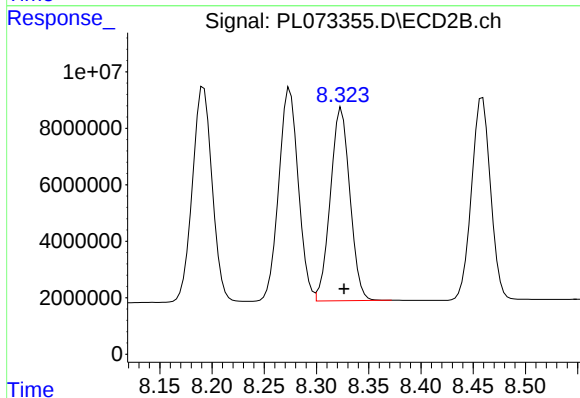
R.T.: 7.924 min  
Delta R.T.: -0.002 min  
Response: 98203355  
Conc: 49.17 ng/ml



#9 Endosulfan I

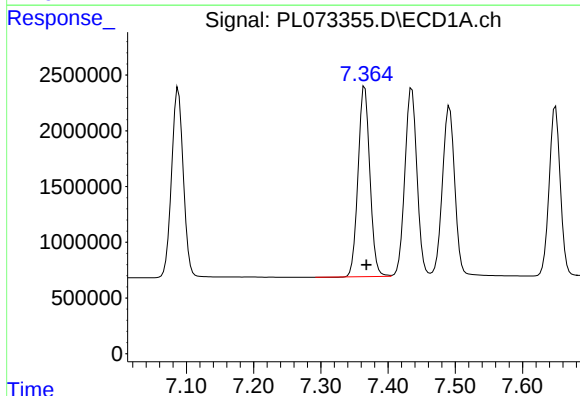
R.T.: 7.491 min  
Delta R.T.: -0.002 min  
Response: 19363016  
Conc: 47.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



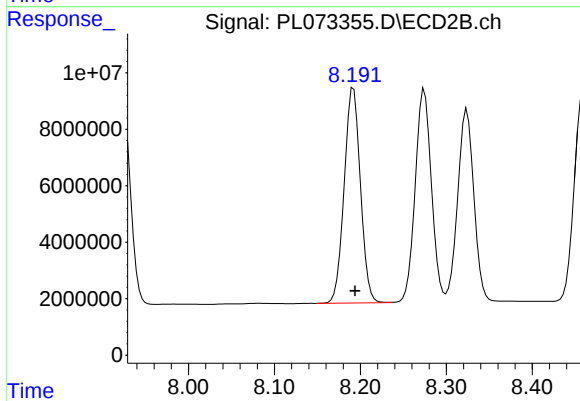
#9 Endosulfan I

R.T.: 8.324 min  
Delta R.T.: -0.002 min  
Response: 88810412  
Conc: 48.65 ng/ml



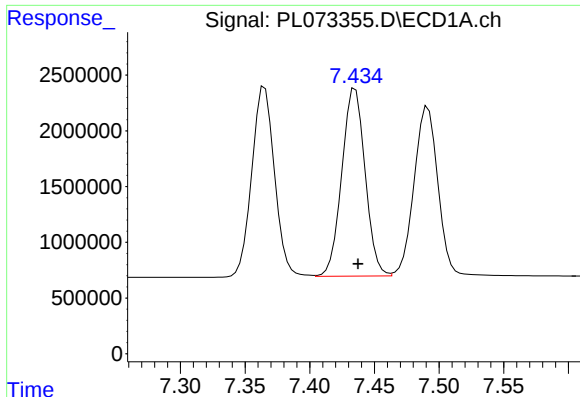
#10 gamma-Chlordane

R.T.: 7.365 min  
Delta R.T.: -0.002 min  
Response: 20840083  
Conc: 47.66 ng/ml



#10 gamma-Chlordane

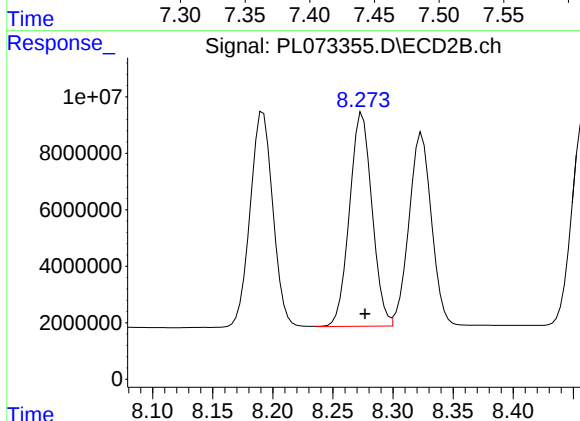
R.T.: 8.192 min  
Delta R.T.: -0.002 min  
Response: 100249195  
Conc: 49.08 ng/ml



#11 alpha-Chlordane

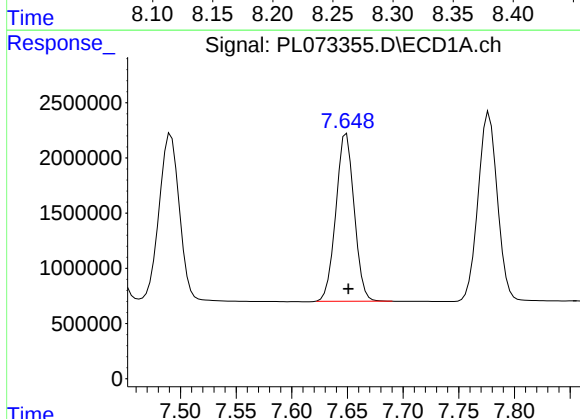
R.T.: 7.435 min  
Delta R.T.: -0.002 min  
Response: 21118177  
Conc: 47.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



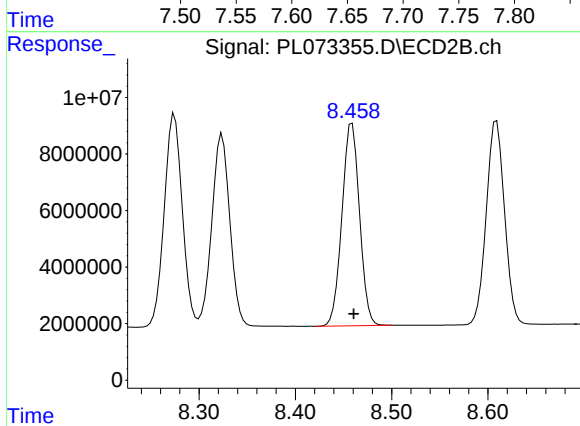
#11 alpha-Chlordane

R.T.: 8.274 min  
Delta R.T.: -0.002 min  
Response: 98707675  
Conc: 49.35 ng/ml



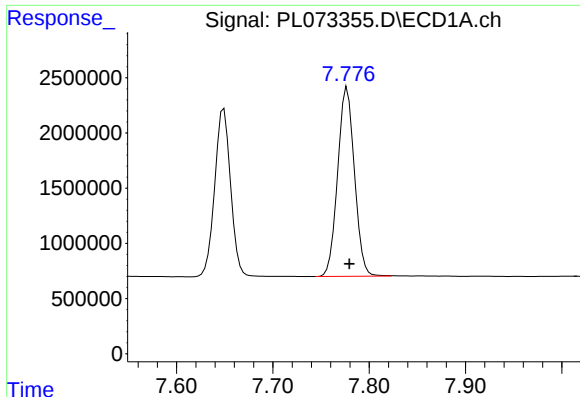
#12 4,4'-DDE

R.T.: 7.649 min  
Delta R.T.: -0.002 min  
Response: 17378748  
Conc: 48.43 ng/ml



#12 4,4'-DDE

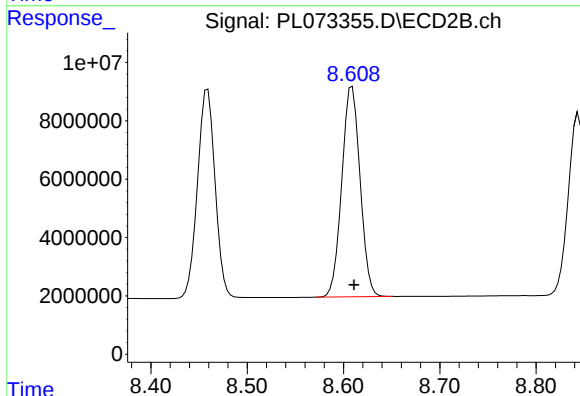
R.T.: 8.459 min  
Delta R.T.: -0.002 min  
Response: 90578166  
Conc: 50.54 ng/ml



#13 Dieldrin

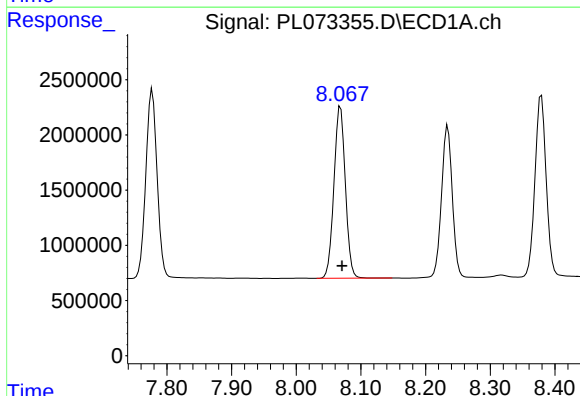
R.T.: 7.777 min  
Delta R.T.: -0.002 min  
Response: 20762220  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



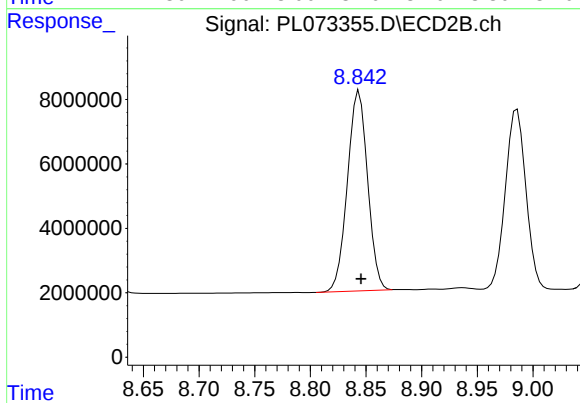
#13 Dieldrin

R.T.: 8.609 min  
Delta R.T.: -0.002 min  
Response: 94967332  
Conc: 51.48 ng/ml



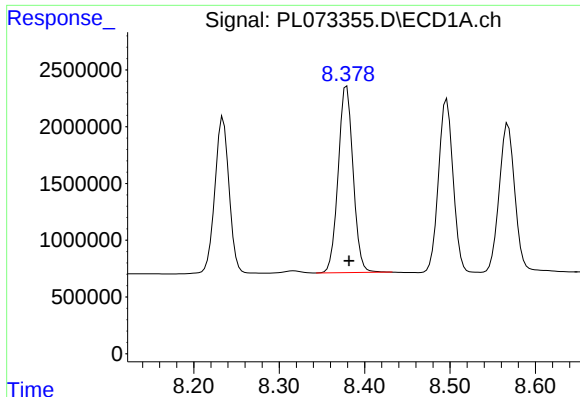
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.002 min  
Response: 19091113  
Conc: 49.20 ng/ml



#14 Endrin

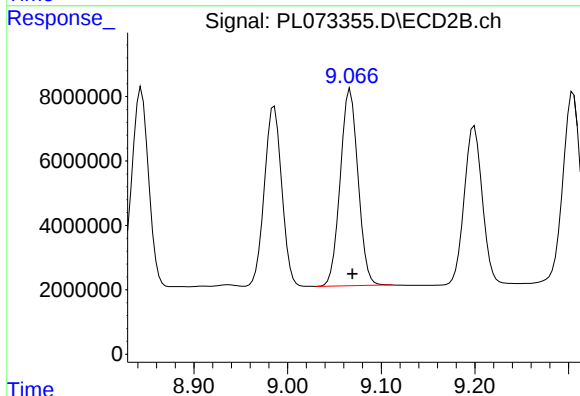
R.T.: 8.844 min  
Delta R.T.: -0.002 min  
Response: 78555167  
Conc: 51.03 ng/ml



#15 Endosulfan II

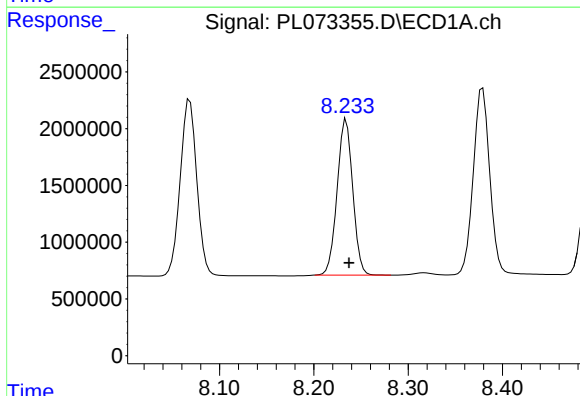
R.T.: 8.379 min  
Delta R.T.: -0.003 min  
Response: 19917587  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



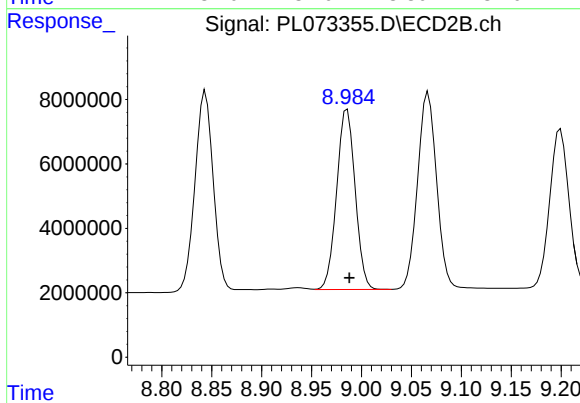
#15 Endosulfan II

R.T.: 9.067 min  
Delta R.T.: -0.002 min  
Response: 80705542  
Conc: 52.55 ng/ml



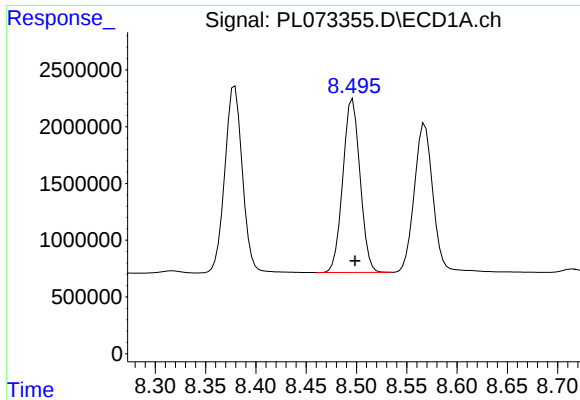
#16 4,4'-DDD

R.T.: 8.234 min  
Delta R.T.: -0.003 min  
Response: 15775147  
Conc: 48.58 ng/ml



#16 4,4'-DDD

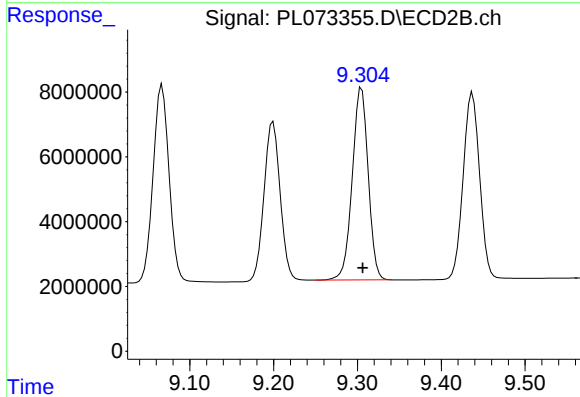
R.T.: 8.986 min  
Delta R.T.: -0.002 min  
Response: 72083896  
Conc: 49.38 ng/ml



#17 4,4'-DDT

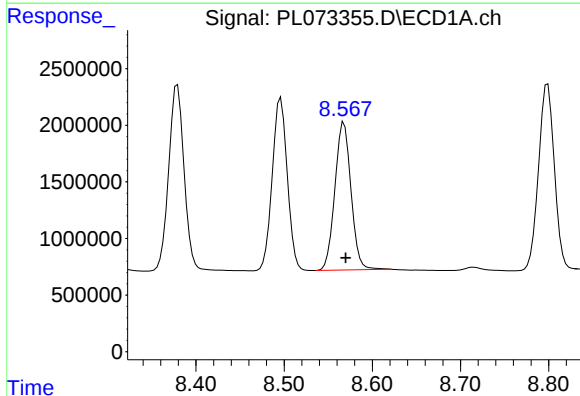
R.T.: 8.496 min  
Delta R.T.: -0.002 min  
Response: 18141599  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



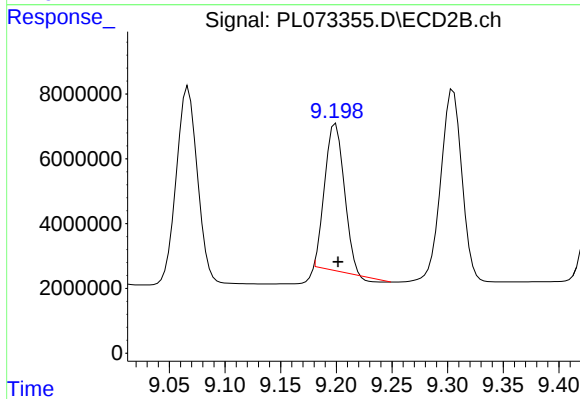
#17 4,4'-DDT

R.T.: 9.305 min  
Delta R.T.: -0.002 min  
Response: 78601445  
Conc: 48.09 ng/ml



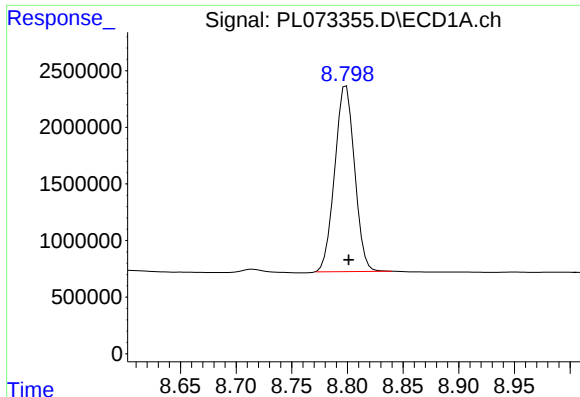
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 16566093  
Conc: 52.38 ng/ml



#18 Endrin aldehyde

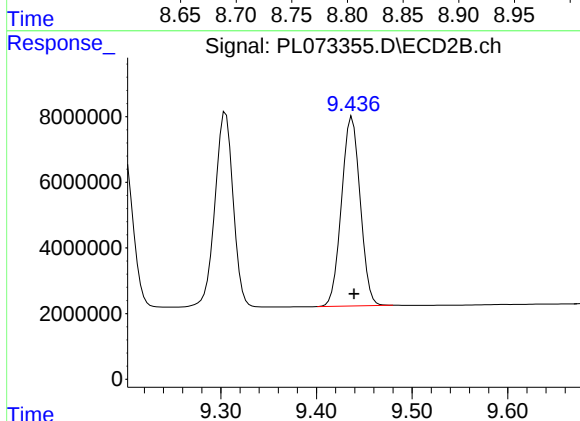
R.T.: 9.199 min  
Delta R.T.: -0.002 min  
Response: 53449853  
Conc: 43.59 ng/ml



#19 Endosulfan Sulfate

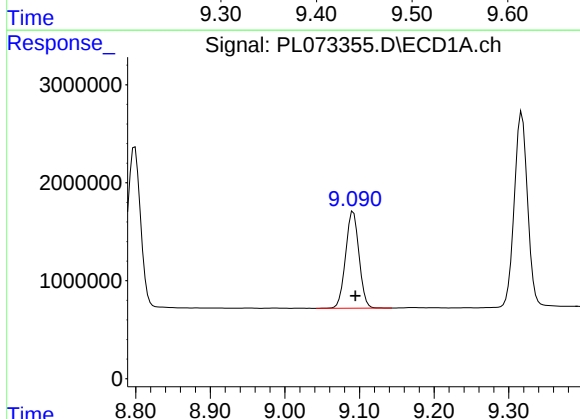
R.T.: 8.799 min  
Delta R.T.: -0.002 min  
Response: 20375104  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



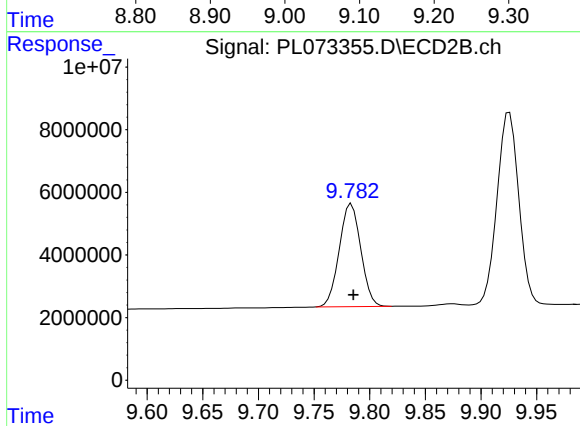
#19 Endosulfan Sulfate

R.T.: 9.437 min  
Delta R.T.: -0.002 min  
Response: 78536484  
Conc: 49.83 ng/ml



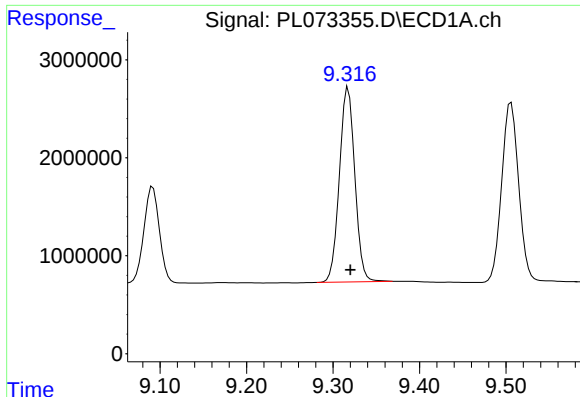
#20 Methoxychlor

R.T.: 9.092 min  
Delta R.T.: -0.003 min  
Response: 12298747  
Conc: 47.94 ng/ml



#20 Methoxychlor

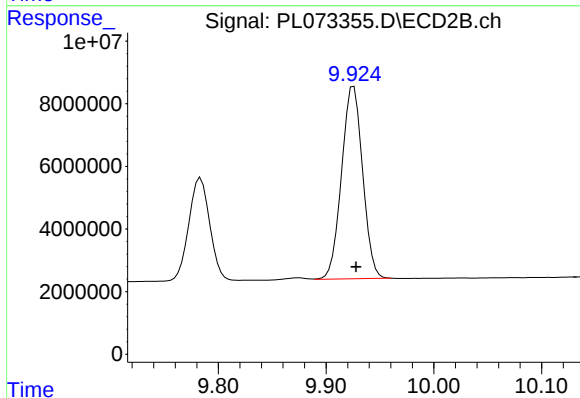
R.T.: 9.784 min  
Delta R.T.: -0.002 min  
Response: 44318224  
Conc: 49.18 ng/ml



#21 Endrin ketone

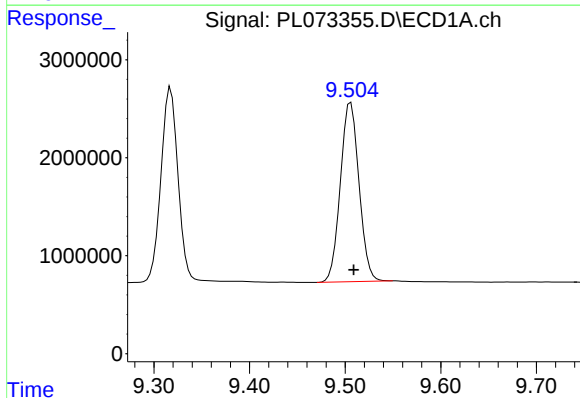
R.T.: 9.318 min  
Delta R.T.: -0.002 min  
Response: 24482903  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



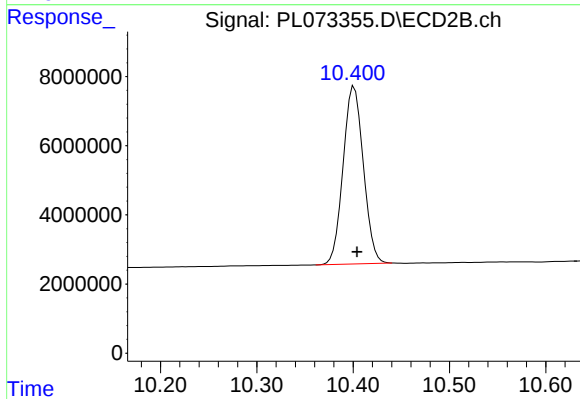
#21 Endrin ketone

R.T.: 9.926 min  
Delta R.T.: -0.002 min  
Response: 83458231  
Conc: 50.56 ng/ml



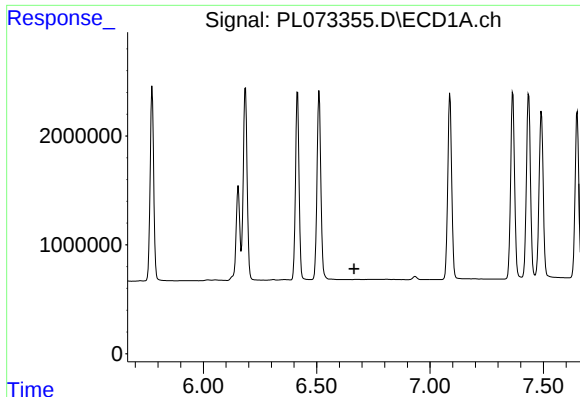
#22 Mirex

R.T.: 9.506 min  
Delta R.T.: -0.003 min  
Response: 24857087  
Conc: 52.71 ng/ml



#22 Mirex

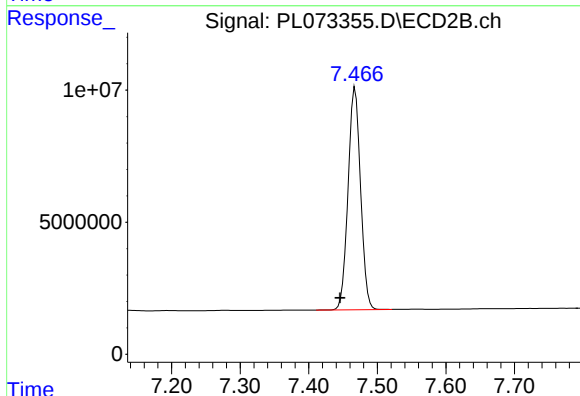
R.T.: 10.401 min  
Delta R.T.: -0.003 min  
Response: 74990949  
Conc: 55.20 ng/ml



#24 Chlordane-2

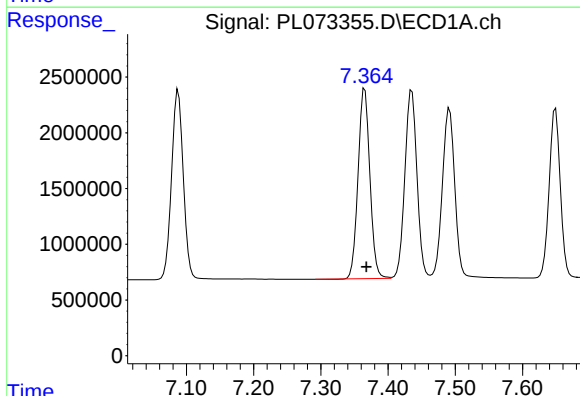
R.T.: 0.000 min  
Exp R.T.: 6.665 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



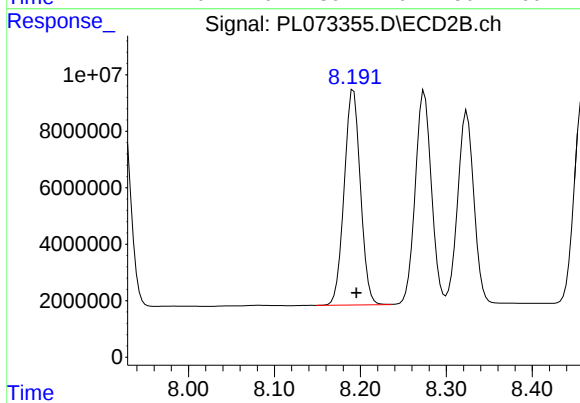
#24 Chlordane-2

R.T.: 7.468 min  
Delta R.T.: 0.022 min  
Response: 106803903  
Conc: 1485.99 ng/ml



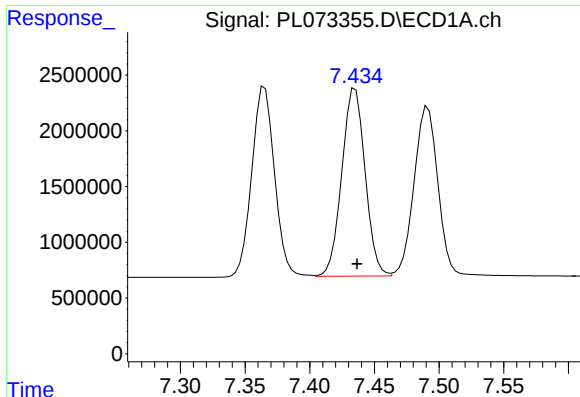
#25 Chlordane-3

R.T.: 7.365 min  
Delta R.T.: -0.003 min  
Response: 20840083  
Conc: 510.36 ng/ml



#25 Chlordane-3

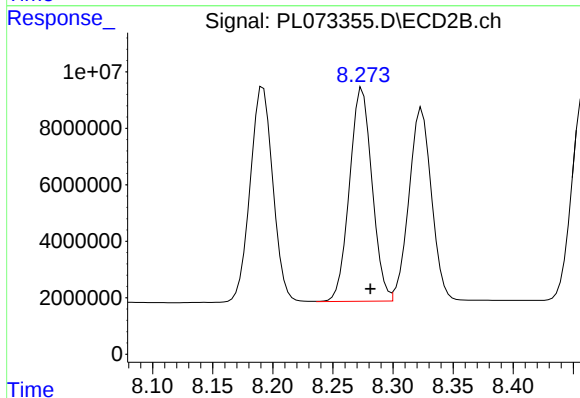
R.T.: 8.192 min  
Delta R.T.: -0.003 min  
Response: 100249195  
Conc: 369.74 ng/ml



#26 Chlordane-4

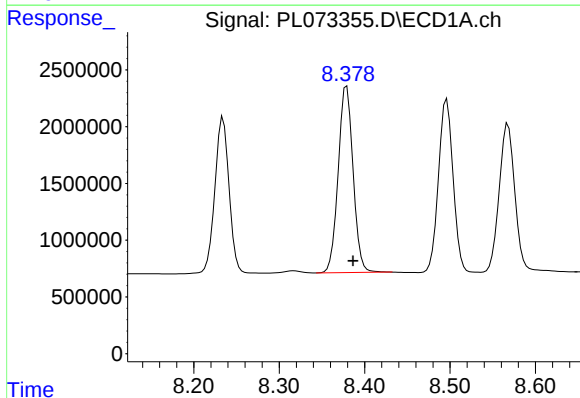
R.T.: 7.435 min  
Delta R.T.: -0.001 min  
Response: 21118177  
Conc: 476.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



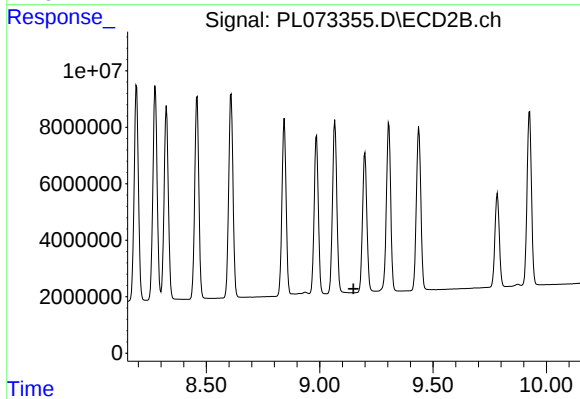
#26 Chlordane-4

R.T.: 8.274 min  
Delta R.T.: -0.007 min  
Response: 98707675  
Conc: 297.98 ng/ml



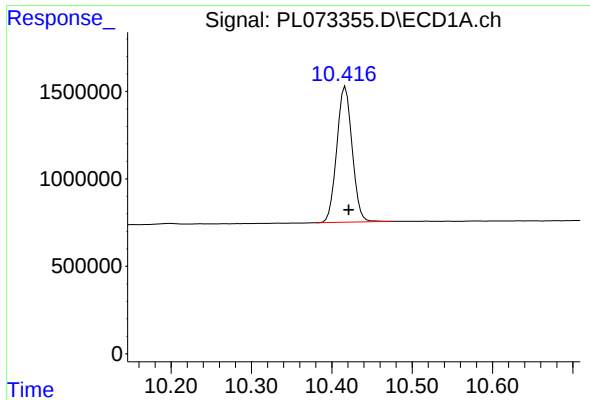
#27 Chlordane-5

R.T.: 8.379 min  
Delta R.T.: -0.008 min  
Response: 19917587  
Conc: 1216.32 ng/ml



#27 Chlordane-5

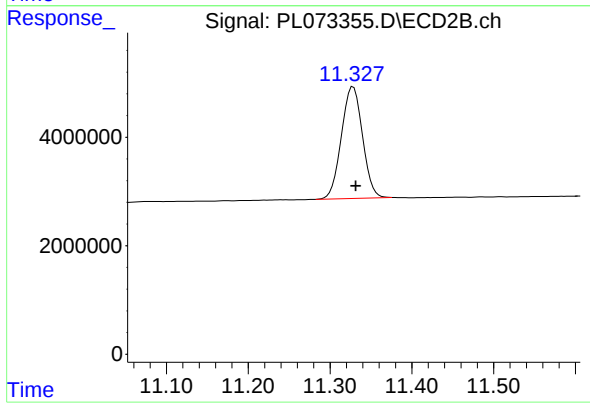
R.T.: 0.000 min  
Exp R.T. : 9.149 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.417 min  
Delta R.T.: -0.004 min  
Response: 10321719  
Conc: 20.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143309BS



#28 Decachlorobiphenyl

R.T.: 11.328 min  
Delta R.T.: -0.003 min  
Response: 36859936  
Conc: 20.61 ng/ml