

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031822\  
 Data File : PL073493.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Mar 2022 00:44  
 Operator : AR\AJ  
 Sample : PB143442BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB143442BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 02:52:52 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... | 4.641  | 5.492  | 6566470  | 35913601 | 20.502   | 21.882     |
| 28)                         | SA Decachlor... | 10.417 | 11.332 | 11103679 | 38449949 | 21.836   | 21.502     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.350  | 6.055  | 21293116 | 131.0E6  | 51.657   | 58.243     |
| 3)                          | MA gamma-BHC... | 5.774  | 6.444  | 21221944 | 122.4E6  | 50.875   | 57.344     |
| 4)                          | MA Heptachlor   | 6.186  | 7.103  | 22761478 | 131.9E6  | 50.447   | 56.295     |
| 5)                          | MB Aldrin       | 6.511  | 7.471  | 21843526 | 126.8E6  | 52.868   | 60.533     |
| 6)                          | B beta-BHC      | 6.154  | 6.680  | 10122527 | 53397453 | 49.163   | 51.227     |
| 7)                          | B delta-BHC     | 6.416  | 6.948  | 20879378 | 121.5E6  | 51.984   | 56.411     |
| 8)                          | B Heptachlo...  | 7.088  | 7.927  | 22035158 | 115.2E6  | 51.128   | 57.688     |
| 9)                          | A Endosulfan I  | 7.491  | 8.327  | 20780753 | 103.0E6  | 50.658   | 56.430     |
| 10)                         | B gamma-Chl...  | 7.366  | 8.195  | 22389479 | 116.5E6  | 51.199   | 57.039     |
| 11)                         | B alpha-Chl...  | 7.435  | 8.277  | 22627110 | 114.3E6  | 51.200   | 57.162     |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.461  | 18522477 | 105.2E6  | 51.618   | 58.696     |
| 13)                         | MA Dieldrin     | 7.778  | 8.612  | 22414131 | 109.8E6  | 53.799   | 59.527     |
| 14)                         | MA Endrin       | 8.068  | 8.846  | 20477874 | 88253277 | 52.777   | 57.329     |
| 15)                         | B Endosulfa...  | 8.379  | 9.070  | 21343504 | 91426281 | 54.604   | 59.529     |
| 16)                         | A 4,4'-DDD      | 8.235  | 8.989  | 16721610 | 82677064 | 51.493   | 56.639     |
| 17)                         | MA 4,4'-DDT     | 8.496  | 9.307  | 18680056 | 86391586 | 49.394   | 52.854     |
| 18)                         | B Endrin al...  | 8.568  | 9.203  | 17827332 | 66777642 | 56.371   | 54.454     |
| 19)                         | B Endosulfa...  | 8.799  | 9.440  | 21608927 | 87588028 | 51.155   | 55.574     |
| 20)                         | A Methoxychlor  | 9.092  | 9.787  | 12555414 | 46569688 | 48.942   | 51.682     |
| 21)                         | B Endrin ke...  | 9.318  | 9.928  | 26368528 | 92266321 | 53.899   | 55.899     |
| 22)                         | Mirex           | 9.506  | 10.405 | 26030165 | 81417394 | 55.200   | 59.934     |
| 23)                         | Chlordane-1     | 0.000  | 6.853  | 0        | 627930   | N.D.     | 9.192 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.471f | 0        | 126.8E6  | N.D.     | 1764.409 # |
| 25)                         | Chlordane-3     | 7.366  | 8.195  | 22389479 | 116.5E6  | 548.303  | 429.667    |
| 26)                         | Chlordane-4     | 7.435  | 8.277  | 22627110 | 114.3E6  | 510.530  | 345.129 #  |
| 27)                         | Chlordane-5     | 8.379  | 0.000  | 21343504 | 0        | 1303.397 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

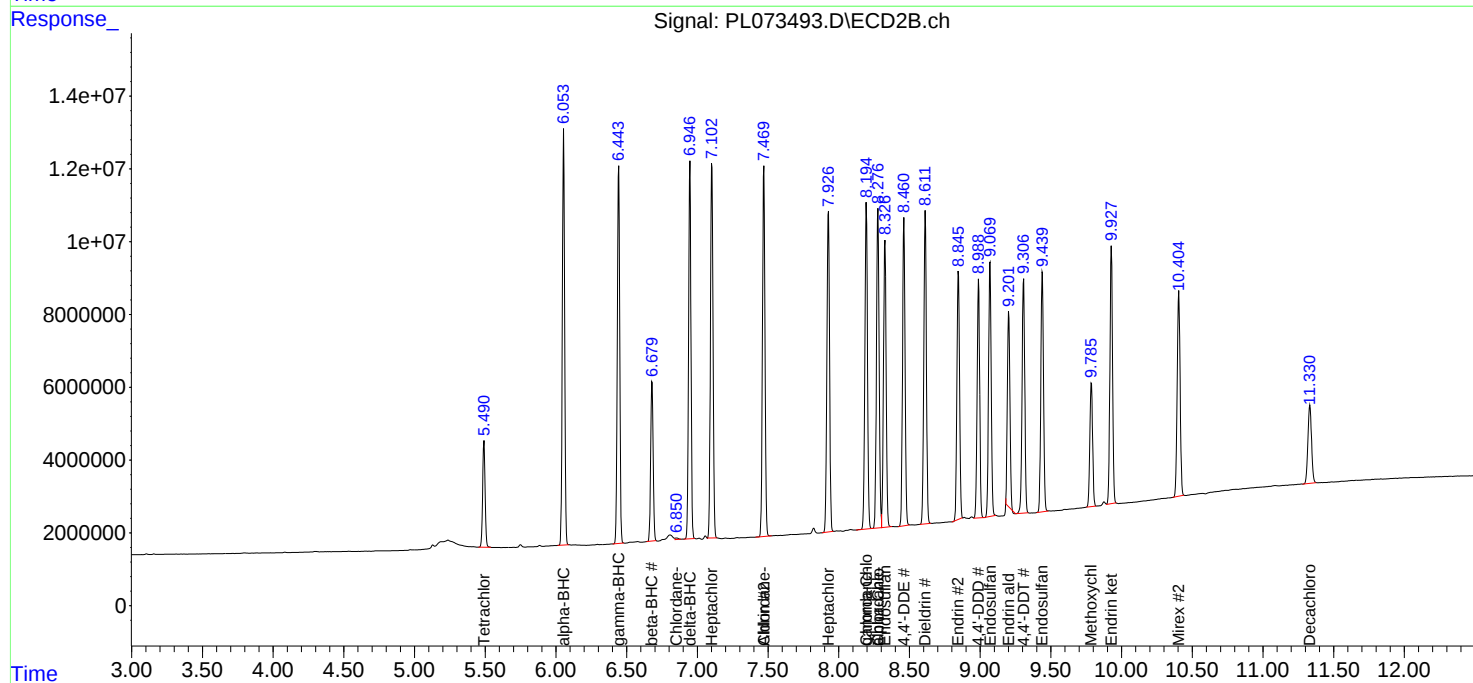
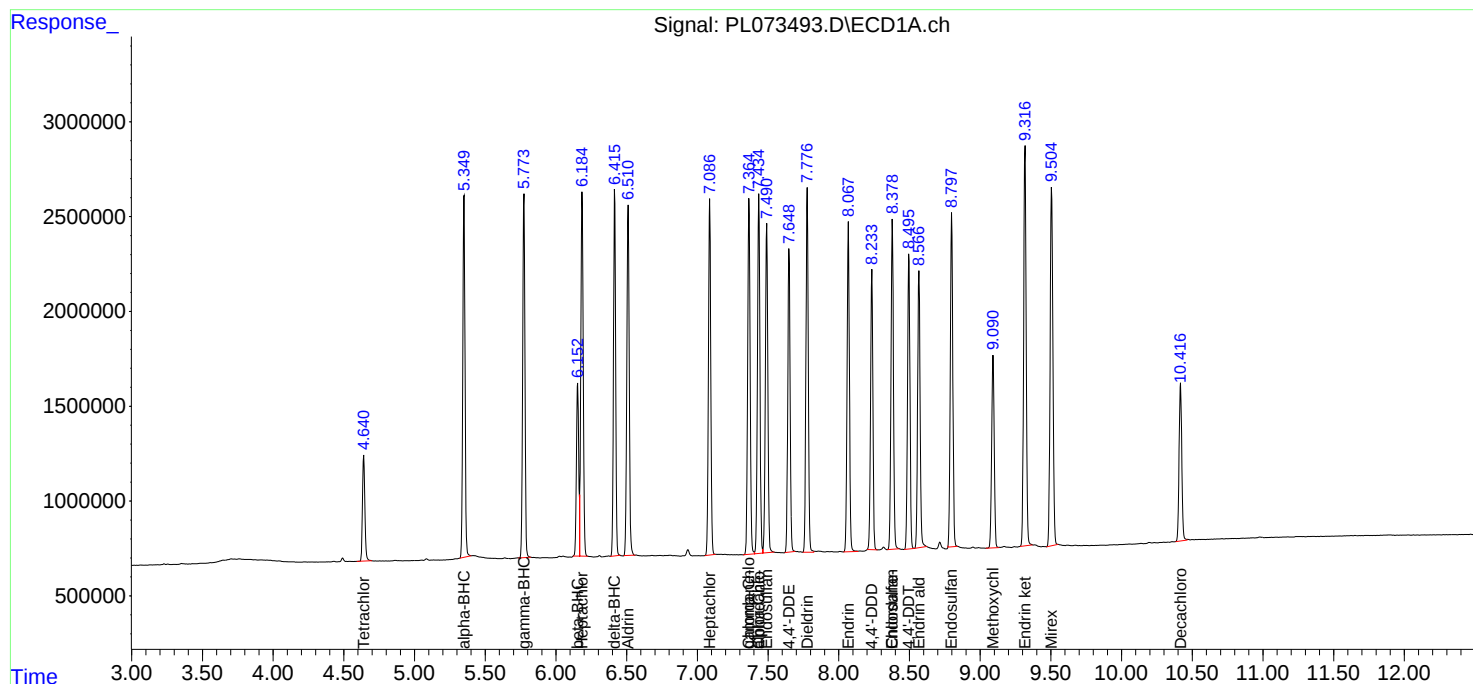
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

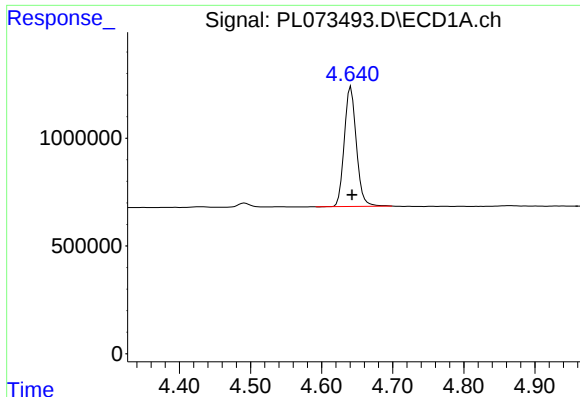
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031822\  
Data File : PL073493.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Mar 2022 00:44  
Operator : AR\AJ  
Sample : PB143442BS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 02:52:52 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

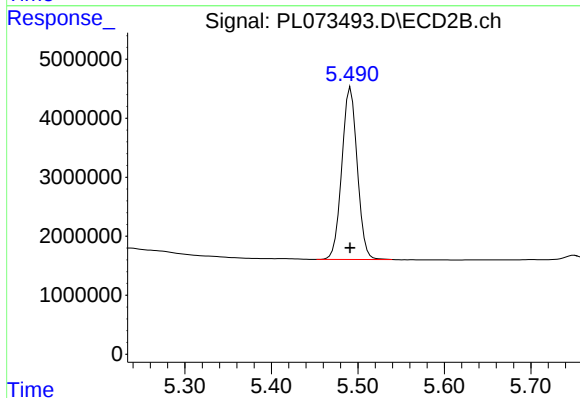




#1 Tetrachloro-m-xylene

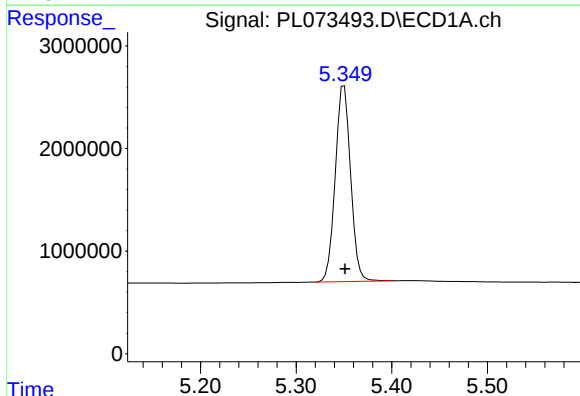
R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 6566470  
Conc: 20.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



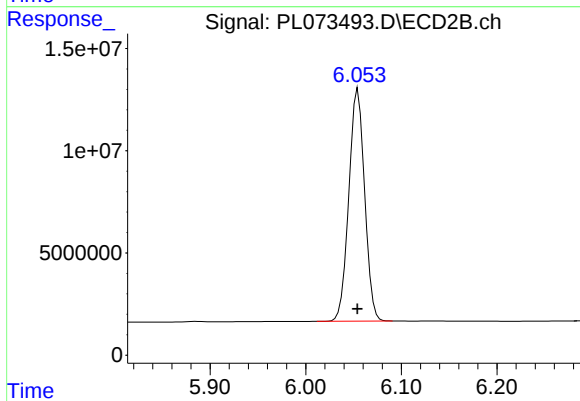
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 35913601  
Conc: 21.88 ng/ml



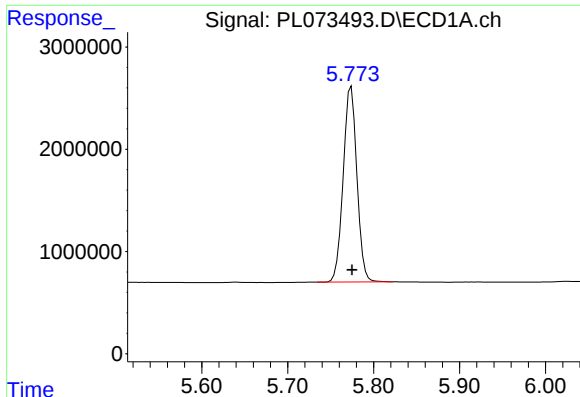
#2 alpha-BHC

R.T.: 5.350 min  
Delta R.T.: -0.001 min  
Response: 21293116  
Conc: 51.66 ng/ml



#2 alpha-BHC

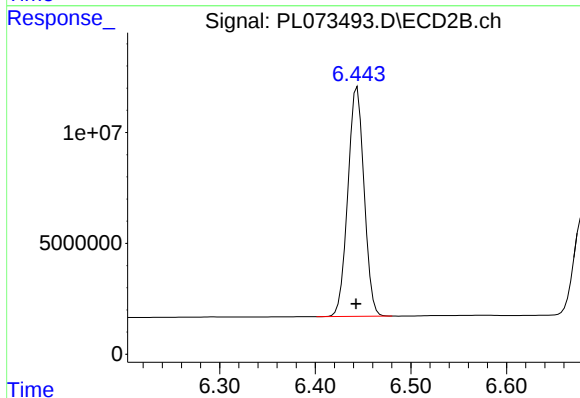
R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 131025950  
Conc: 58.24 ng/ml



#3 gamma-BHC (Lindane)

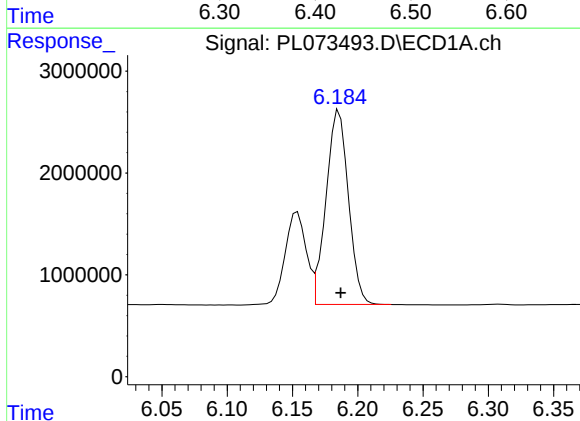
R.T.: 5.774 min  
Delta R.T.: -0.001 min  
Response: 21221944  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



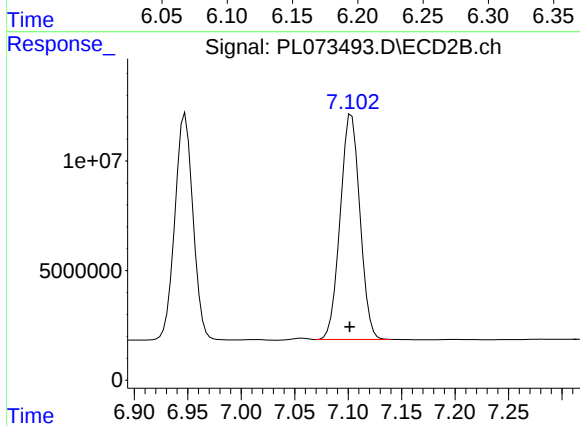
#3 gamma-BHC (Lindane)

R.T.: 6.444 min  
Delta R.T.: 0.001 min  
Response: 122435138  
Conc: 57.34 ng/ml



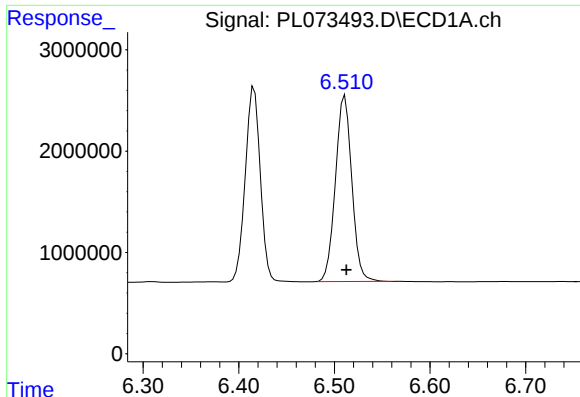
#4 Heptachlor

R.T.: 6.186 min  
Delta R.T.: -0.001 min  
Response: 22761478  
Conc: 50.45 ng/ml



#4 Heptachlor

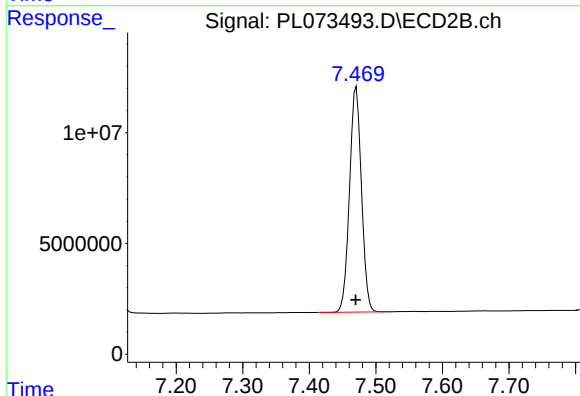
R.T.: 7.103 min  
Delta R.T.: 0.002 min  
Response: 131904777  
Conc: 56.30 ng/ml



#5 Aldrin

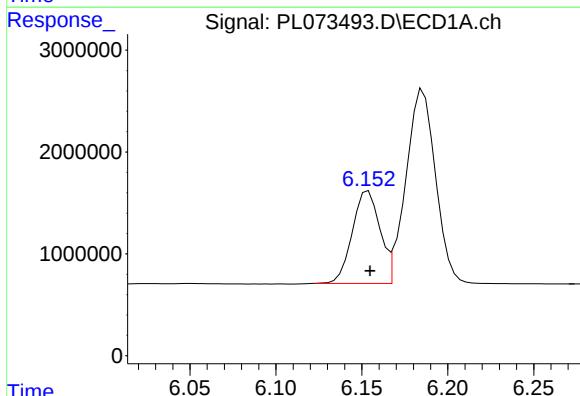
R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 21843526  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



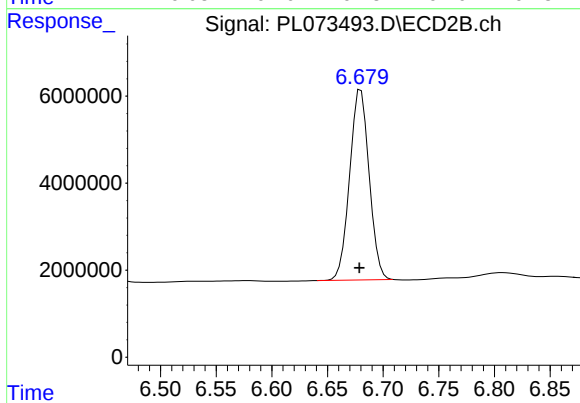
#5 Aldrin

R.T.: 7.471 min  
Delta R.T.: 0.000 min  
Response: 126814620  
Conc: 60.53 ng/ml



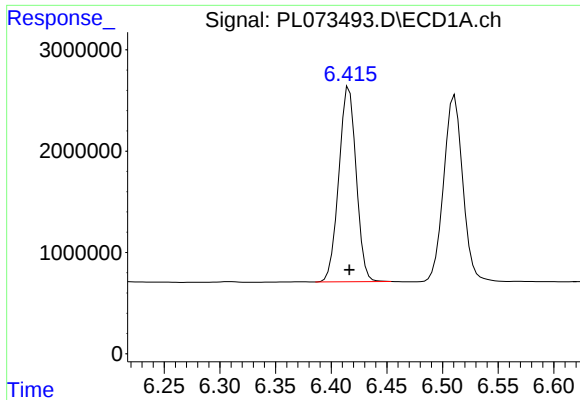
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 10122527  
Conc: 49.16 ng/ml



#6 beta-BHC

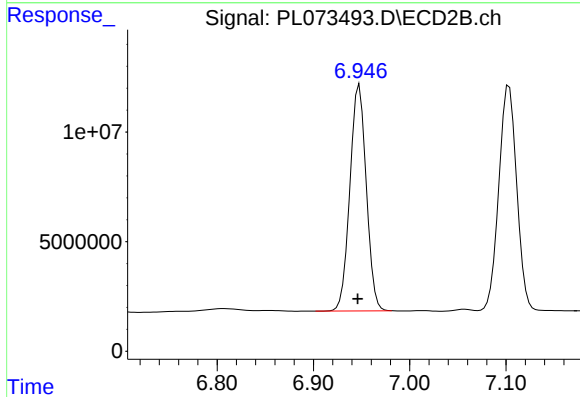
R.T.: 6.680 min  
Delta R.T.: 0.001 min  
Response: 53397453  
Conc: 51.23 ng/ml



#7 delta-BHC

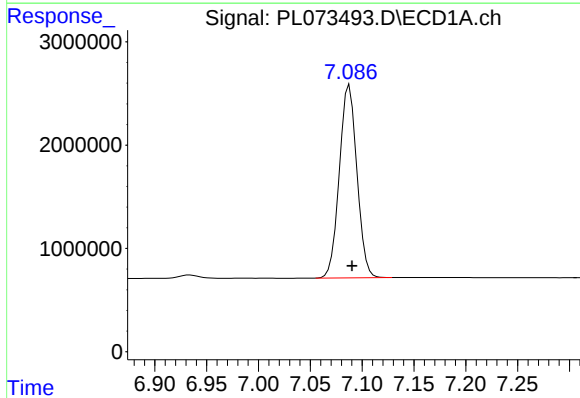
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 20879378  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



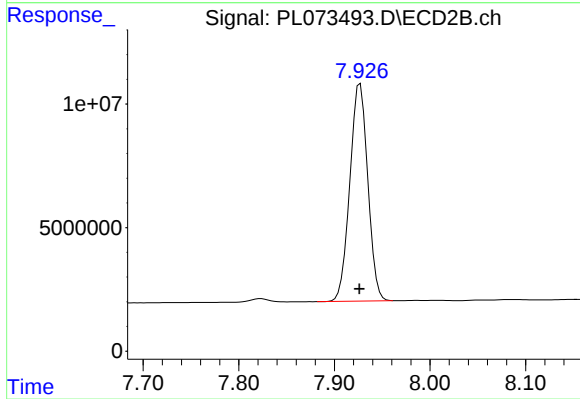
#7 delta-BHC

R.T.: 6.948 min  
Delta R.T.: 0.002 min  
Response: 121484687  
Conc: 56.41 ng/ml



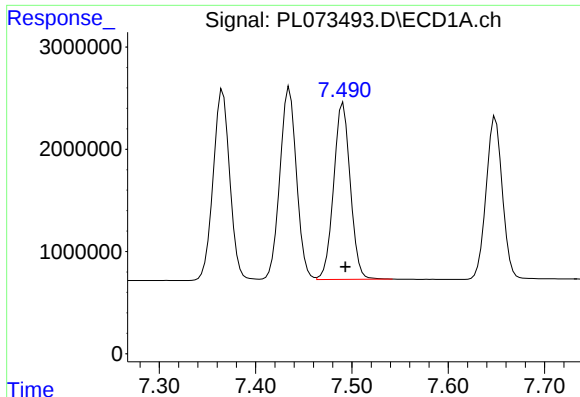
#8 Heptachlor epoxide

R.T.: 7.088 min  
Delta R.T.: -0.002 min  
Response: 22035158  
Conc: 51.13 ng/ml



#8 Heptachlor epoxide

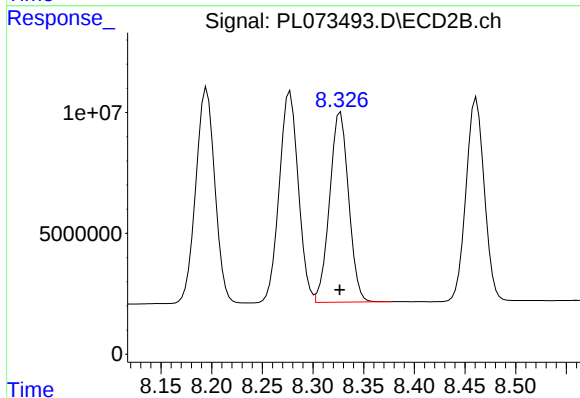
R.T.: 7.927 min  
Delta R.T.: 0.001 min  
Response: 115221763  
Conc: 57.69 ng/ml



#9 Endosulfan I

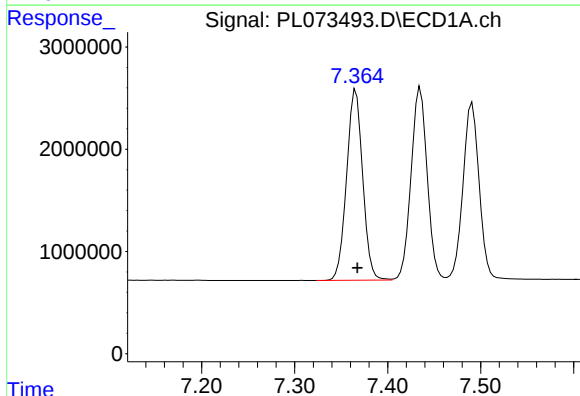
R.T.: 7.491 min  
Delta R.T.: -0.002 min  
Response: 20780753  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



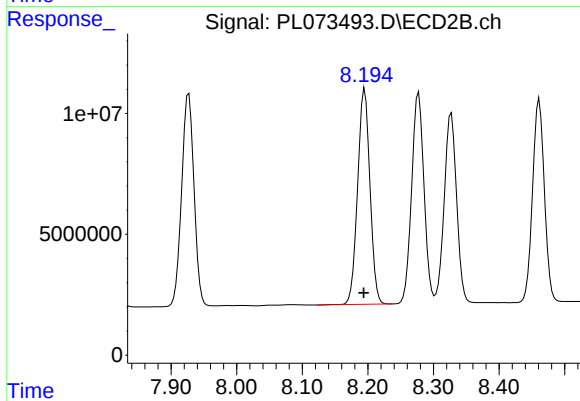
#9 Endosulfan I

R.T.: 8.327 min  
Delta R.T.: 0.000 min  
Response: 103007476  
Conc: 56.43 ng/ml



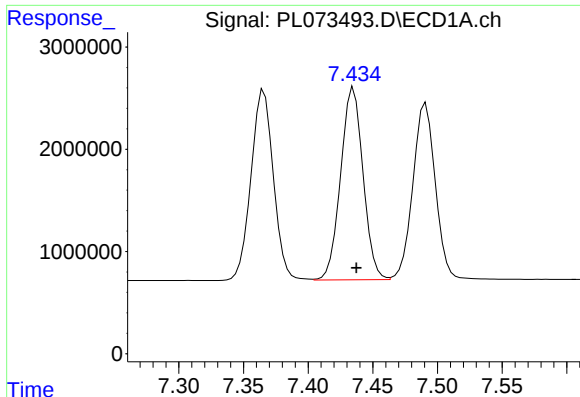
#10 gamma-Chlordane

R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 22389479  
Conc: 51.20 ng/ml



#10 gamma-Chlordane

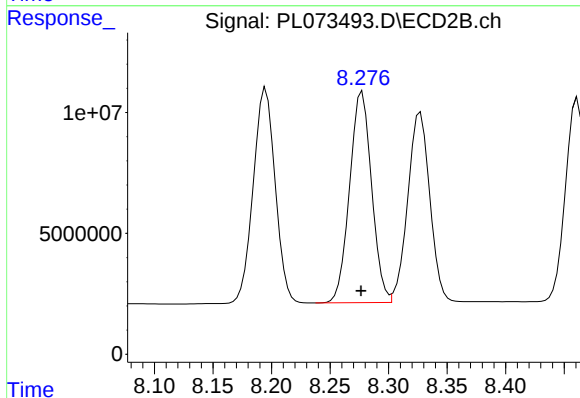
R.T.: 8.195 min  
Delta R.T.: 0.002 min  
Response: 116496424  
Conc: 57.04 ng/ml



#11 alpha-Chlordane

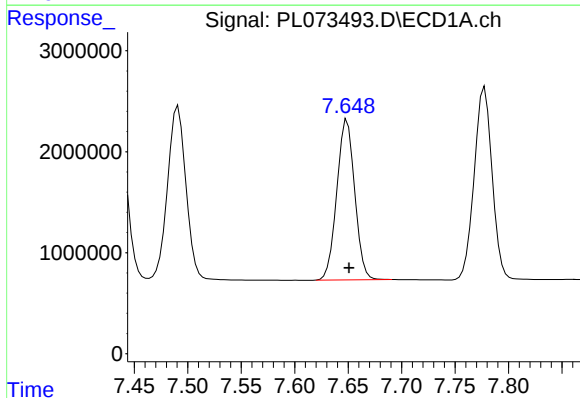
R.T.: 7.435 min  
Delta R.T.: -0.002 min  
Response: 22627110  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



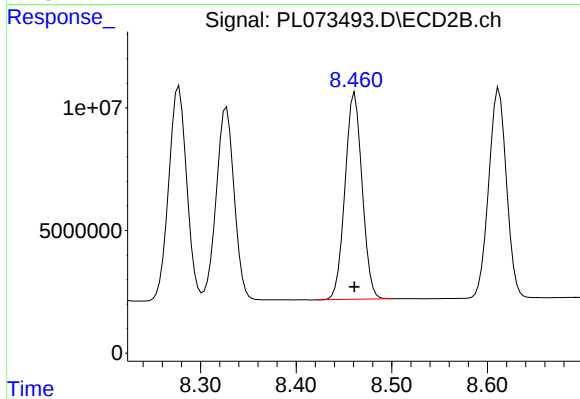
#11 alpha-Chlordane

R.T.: 8.277 min  
Delta R.T.: 0.000 min  
Response: 114324882  
Conc: 57.16 ng/ml



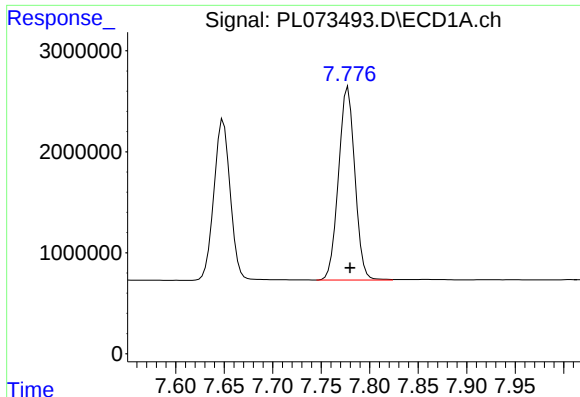
#12 4,4'-DDE

R.T.: 7.649 min  
Delta R.T.: -0.002 min  
Response: 18522477  
Conc: 51.62 ng/ml



#12 4,4'-DDE

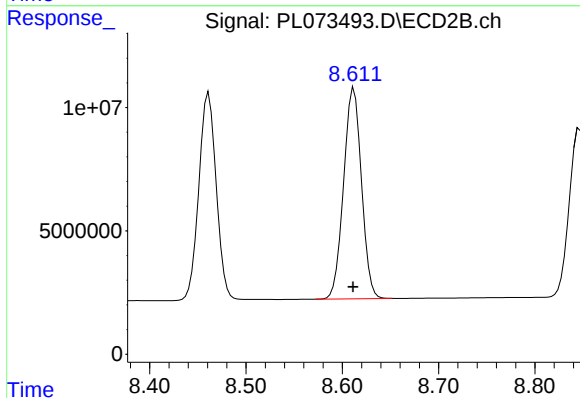
R.T.: 8.461 min  
Delta R.T.: 0.000 min  
Response: 105205224  
Conc: 58.70 ng/ml



#13 Dieldrin

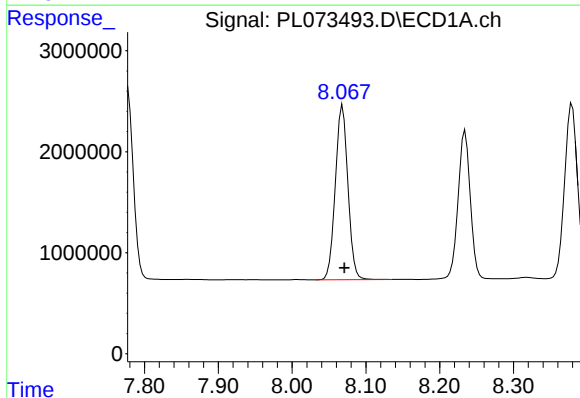
R.T.: 7.778 min  
Delta R.T.: -0.002 min  
Response: 22414131  
Conc: 53.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



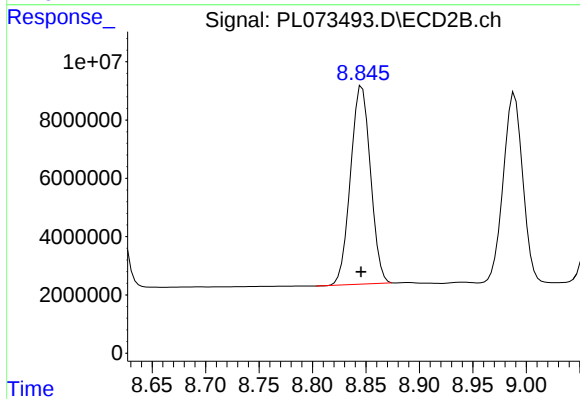
#13 Dieldrin

R.T.: 8.612 min  
Delta R.T.: 0.000 min  
Response: 109811753  
Conc: 59.53 ng/ml



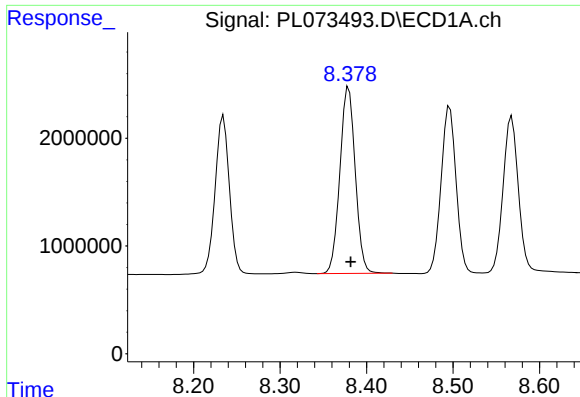
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.002 min  
Response: 20477874  
Conc: 52.78 ng/ml



#14 Endrin

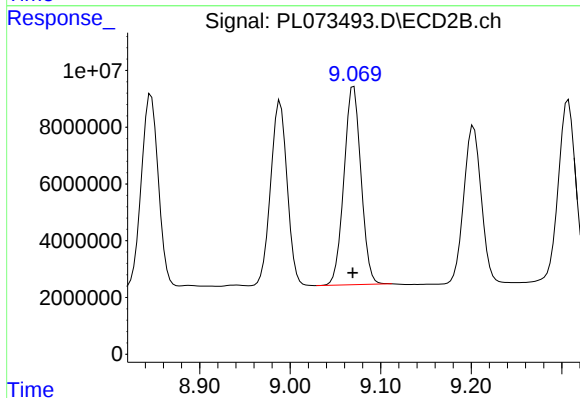
R.T.: 8.846 min  
Delta R.T.: 0.000 min  
Response: 88253277  
Conc: 57.33 ng/ml



#15 Endosulfan II

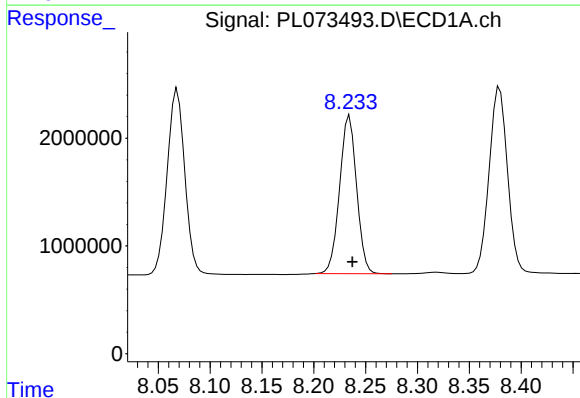
R.T.: 8.379 min  
Delta R.T.: -0.002 min  
Response: 21343504  
Conc: 54.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



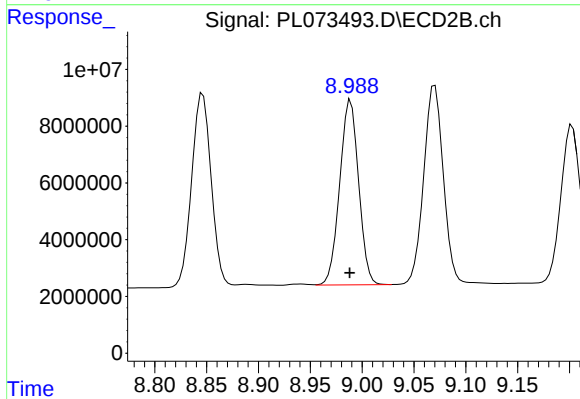
#15 Endosulfan II

R.T.: 9.070 min  
Delta R.T.: 0.001 min  
Response: 91426281  
Conc: 59.53 ng/ml



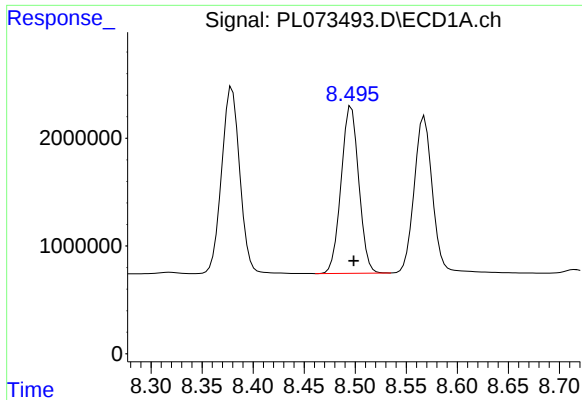
#16 4,4'-DDD

R.T.: 8.235 min  
Delta R.T.: -0.003 min  
Response: 16721610  
Conc: 51.49 ng/ml



#16 4,4'-DDD

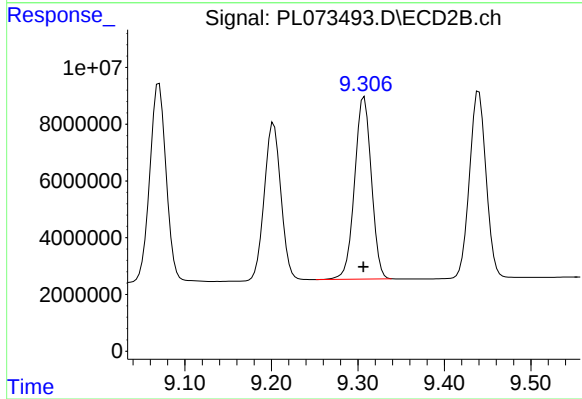
R.T.: 8.989 min  
Delta R.T.: 0.001 min  
Response: 82677064  
Conc: 56.64 ng/ml



#17 4,4'-DDT

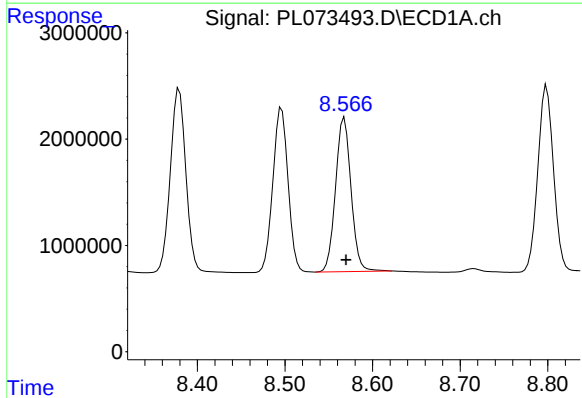
R.T.: 8.496 min  
Delta R.T.: -0.002 min  
Response: 18680056  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



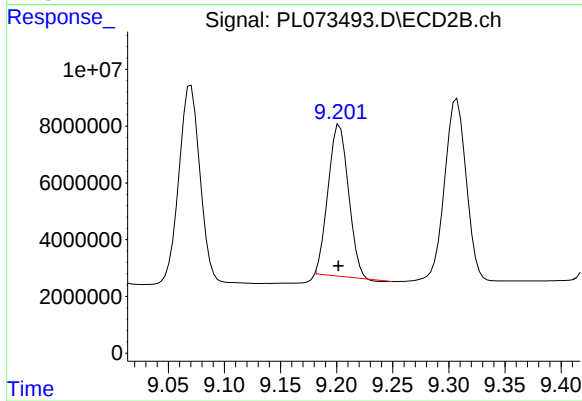
#17 4,4'-DDT

R.T.: 9.307 min  
Delta R.T.: 0.000 min  
Response: 86391586  
Conc: 52.85 ng/ml



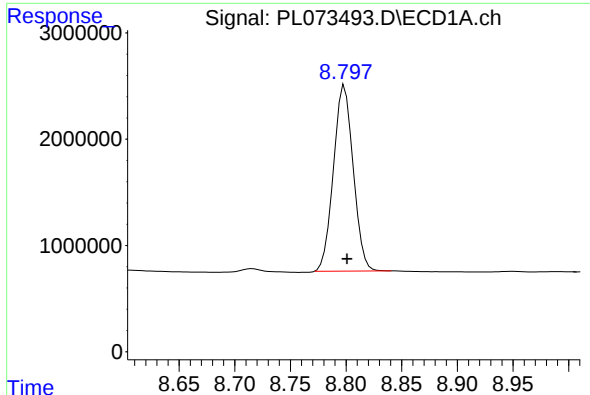
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 17827332  
Conc: 56.37 ng/ml



#18 Endrin aldehyde

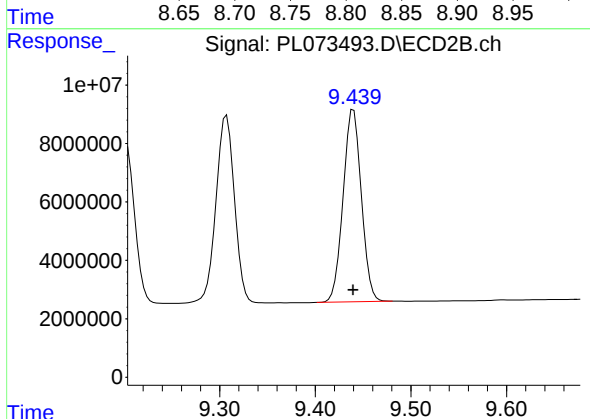
R.T.: 9.203 min  
Delta R.T.: 0.001 min  
Response: 66777642  
Conc: 54.45 ng/ml



#19 Endosulfan Sulfate

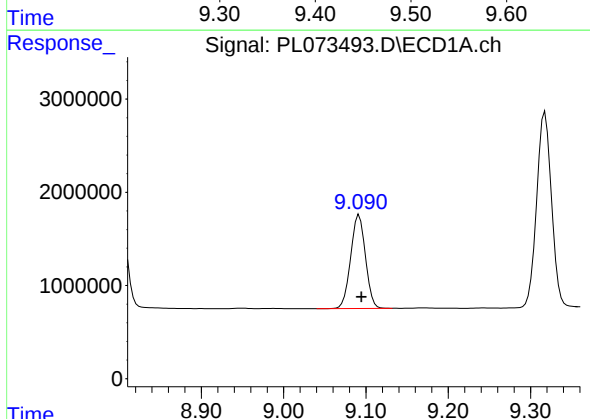
R.T.: 8.799 min  
Delta R.T.: -0.002 min  
Response: 21608927  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



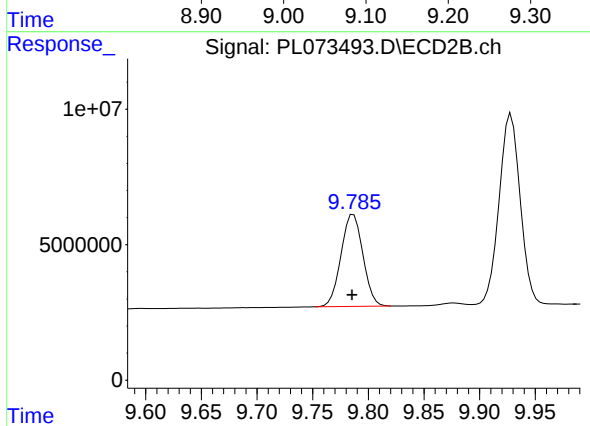
#19 Endosulfan Sulfate

R.T.: 9.440 min  
Delta R.T.: 0.000 min  
Response: 87588028  
Conc: 55.57 ng/ml



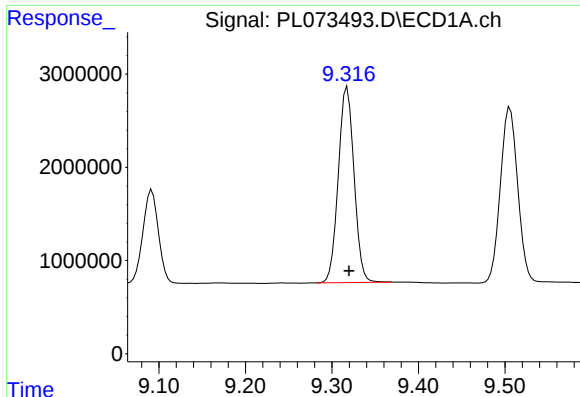
#20 Methoxychlor

R.T.: 9.092 min  
Delta R.T.: -0.003 min  
Response: 12555414  
Conc: 48.94 ng/ml



#20 Methoxychlor

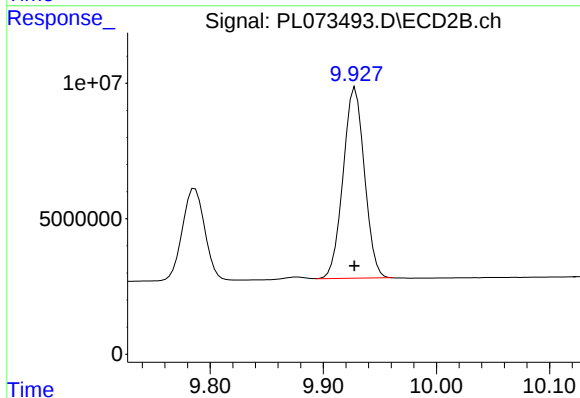
R.T.: 9.787 min  
Delta R.T.: 0.001 min  
Response: 46569688  
Conc: 51.68 ng/ml



#21 Endrin ketone

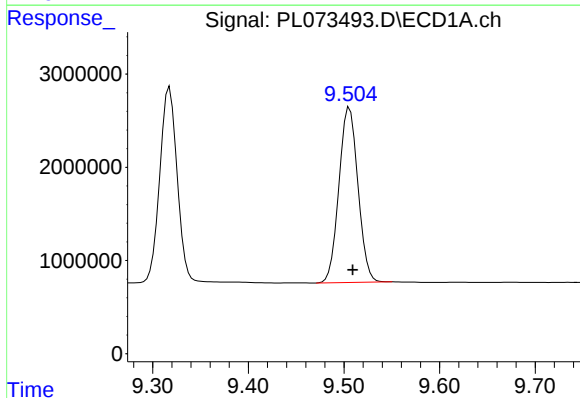
R.T.: 9.318 min  
Delta R.T.: -0.002 min  
Response: 26368528  
Conc: 53.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



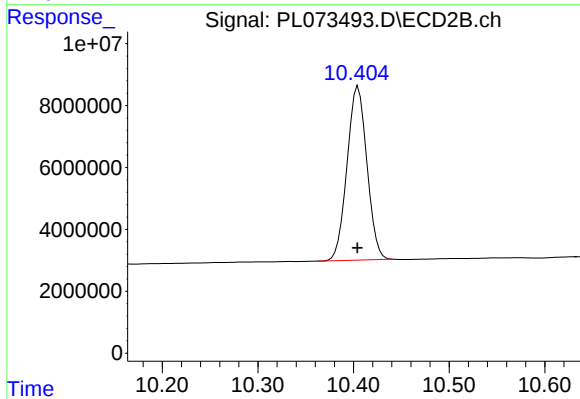
#21 Endrin ketone

R.T.: 9.928 min  
Delta R.T.: 0.000 min  
Response: 92266321  
Conc: 55.90 ng/ml



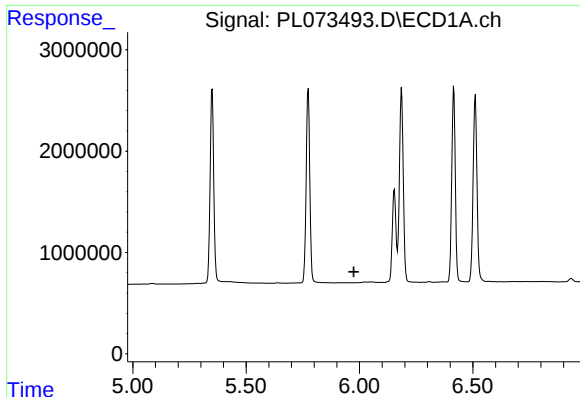
#22 Mirex

R.T.: 9.506 min  
Delta R.T.: -0.003 min  
Response: 26030165  
Conc: 55.20 ng/ml



#22 Mirex

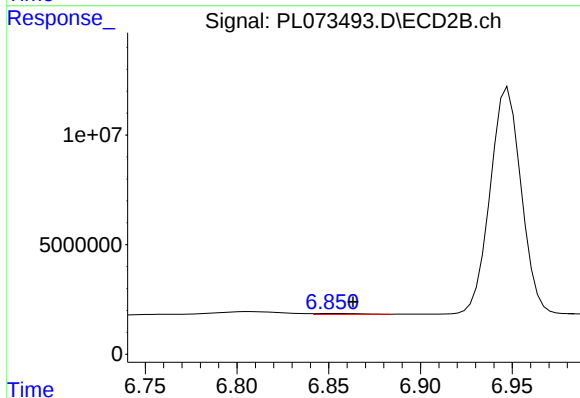
R.T.: 10.405 min  
Delta R.T.: 0.000 min  
Response: 81417394  
Conc: 59.93 ng/ml



#23 Chlordane-1

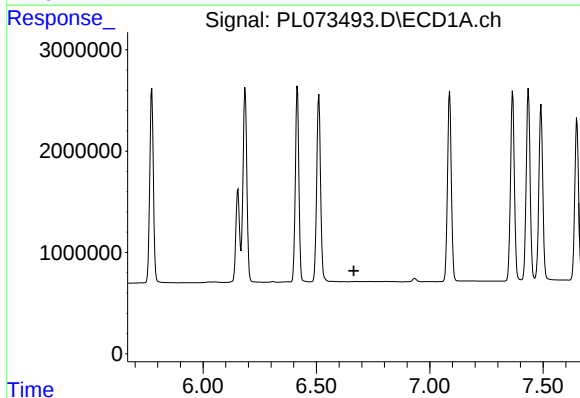
R.T.: 0.000 min  
Exp R.T.: 5.976 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



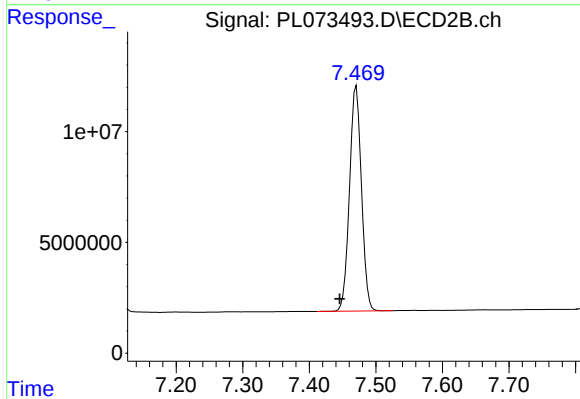
#23 Chlordane-1

R.T.: 6.853 min  
Delta R.T.: -0.010 min  
Response: 627930  
Conc: 9.19 ng/ml



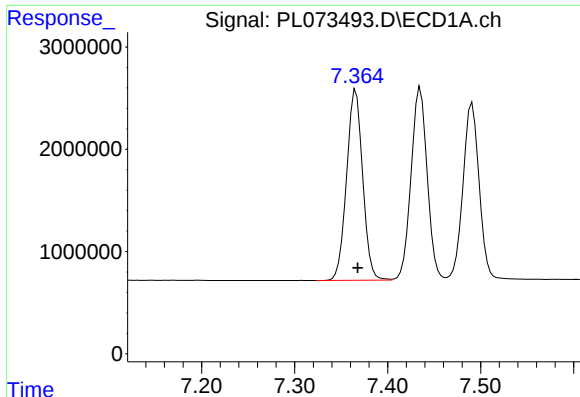
#24 Chlordane-2

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



#24 Chlordane-2

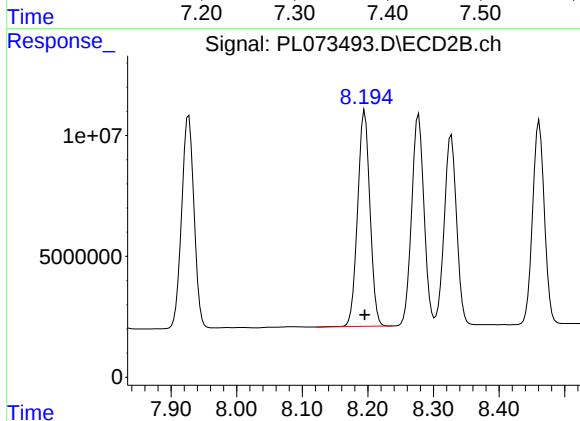
R.T.: 7.471 min  
Delta R.T.: 0.025 min  
Response: 126814620  
Conc: 1764.41 ng/ml



#25 Chlordane-3

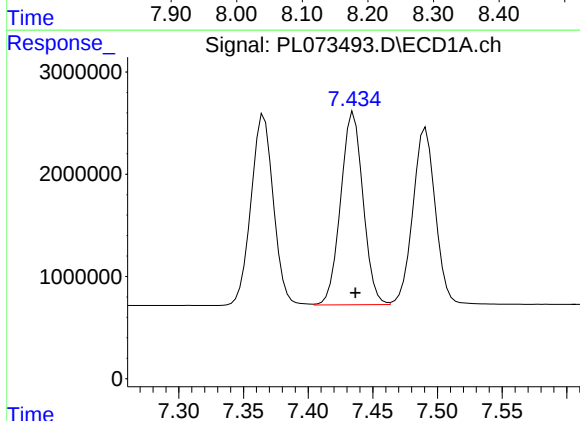
R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 22389479  
Conc: 548.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



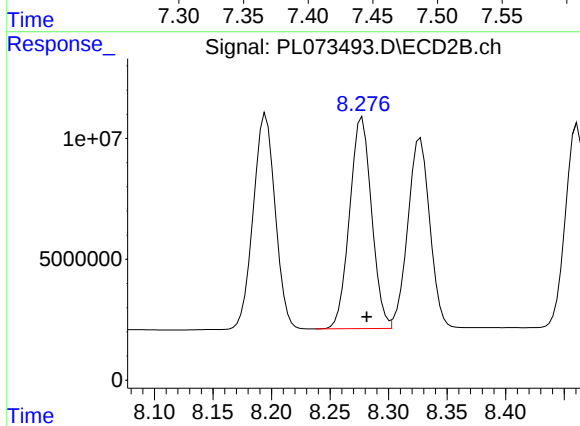
#25 Chlordane-3

R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 116496424  
Conc: 429.67 ng/ml



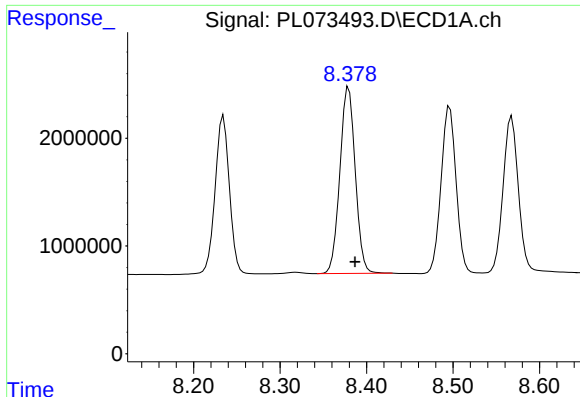
#26 Chlordane-4

R.T.: 7.435 min  
Delta R.T.: -0.001 min  
Response: 22627110  
Conc: 510.53 ng/ml



#26 Chlordane-4

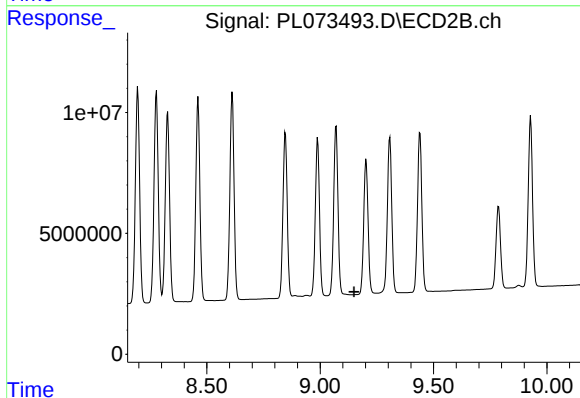
R.T.: 8.277 min  
Delta R.T.: -0.004 min  
Response: 114324882  
Conc: 345.13 ng/ml



#27 Chlordane-5

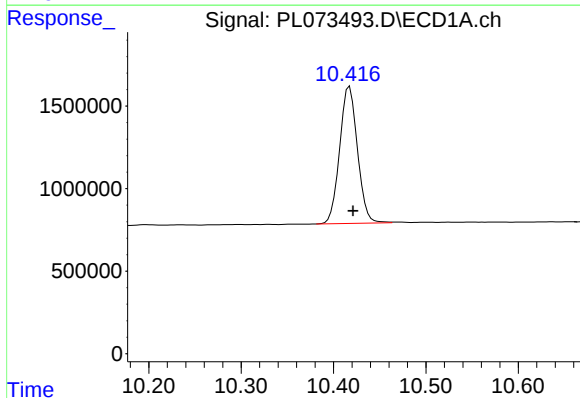
R.T.: 8.379 min  
Delta R.T.: -0.007 min  
Response: 21343504  
Conc: 1303.40 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB143442BS



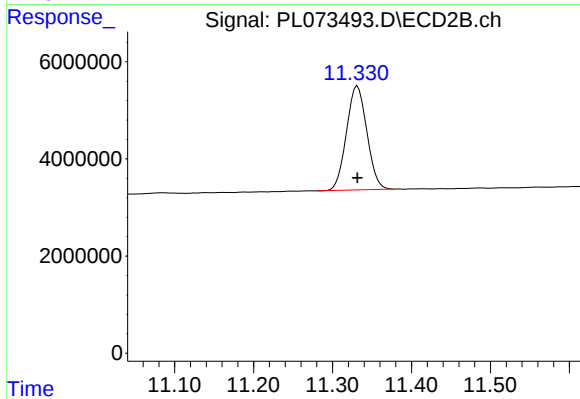
#27 Chlordane-5

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: 11103679  
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min  
Delta R.T.: 0.000 min  
Response: 38449949  
Conc: 21.50 ng/ml