

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103021\  
 Data File : PL070680.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2021 17:18  
 Operator : AR\AJ  
 Sample : PB140346BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 01:32:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 29 09:09:01 2021  
 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... | 4.584  | 5.519  | 8976872  | 27946457 | 19.908   | 20.090     |
| 28)                         | SA Decachlor... | 10.349 | 11.422 | 12459415 | 28435381 | 20.870   | 19.891     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.291  | 6.100  | 32243566 | 107.6E6  | 50.269   | 50.766     |
| 3)                          | MA gamma-BHC... | 5.714  | 6.496  | 31358149 | 101.0E6  | 50.341   | 50.783     |
| 4)                          | MA Heptachlor   | 6.122  | 7.144  | 32474667 | 102.1E6  | 48.220   | 49.947     |
| 5)                          | MB Aldrin       | 6.446  | 7.514  | 29575495 | 95206446 | 49.965   | 50.296     |
| 6)                          | B beta-BHC      | 6.096  | 6.751  | 15313447 | 47240176 | 48.379   | 47.509     |
| 7)                          | B delta-BHC     | 6.355  | 7.019  | 31053556 | 106.9E6  | 50.941   | 47.218     |
| 8)                          | B Heptachlo...  | 7.023  | 7.981  | 29422430 | 89047130 | 49.166   | 50.961     |
| 9)                          | A Endosulfan I  | 7.426  | 8.386  | 27723163 | 82687385 | 49.294   | 49.083     |
| 10)                         | B gamma-Chl...  | 7.300  | 8.251  | 30141692 | 89772177 | 49.678   | 49.356     |
| 11)                         | B alpha-Chl...  | 7.370  | 8.331  | 29912803 | 87808565 | 49.222   | 49.293     |
| 12)                         | B 4,4'-DDE      | 7.585  | 8.520  | 26452898 | 87656343 | 50.759   | 48.576     |
| 13)                         | MA Dieldrin     | 7.712  | 8.675  | 29013633 | 85105629 | 50.545   | 48.304     |
| 14)                         | MA Endrin       | 8.002  | 8.914  | 26632164 | 72399959 | 49.592   | 47.807     |
| 15)                         | B Endosulfa...  | 8.314  | 9.149  | 27125934 | 73676952 | 47.513   | 49.212     |
| 16)                         | A 4,4'-DDD      | 8.170  | 9.060  | 23269674 | 75766751 | 51.002   | 47.127     |
| 17)                         | MA 4,4'-DDT     | 8.431  | 9.377  | 25069601 | 71716320 | 48.311   | 44.365     |
| 18)                         | B Endrin al...  | 8.502  | 9.283  | 23764287 | 63487010 | 55.711   | 53.911     |
| 19)                         | B Endosulfa...  | 8.733  | 9.521  | 28684473 | 75185679 | 50.890   | 50.162     |
| 20)                         | A Methoxychlor  | 9.026  | 9.864  | 16061752 | 38372168 | 48.344   | 45.836     |
| 21)                         | B Endrin ke...  | 9.251  | 10.019 | 33401209 | 81003661 | 52.664   | 49.573     |
| 22)                         | Mirex           | 9.436  | 10.484 | 28606397 | 59928648 | 50.328   | 50.112     |
| 24)                         | Chlordane-2     | 0.000  | 7.514f | 0        | 95206446 | N.D.     | 1550.341 # |
| 25)                         | Chlordane-3     | 7.300  | 8.251  | 30141692 | 89772177 | 521.111  | 367.291 #  |
| 26)                         | Chlordane-4     | 7.370  | 8.331  | 29912803 | 87808565 | 482.057  | 300.965 #  |
| 27)                         | Chlordane-5     | 8.314  | 0.000  | 27125934 | 0        | 1122.500 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

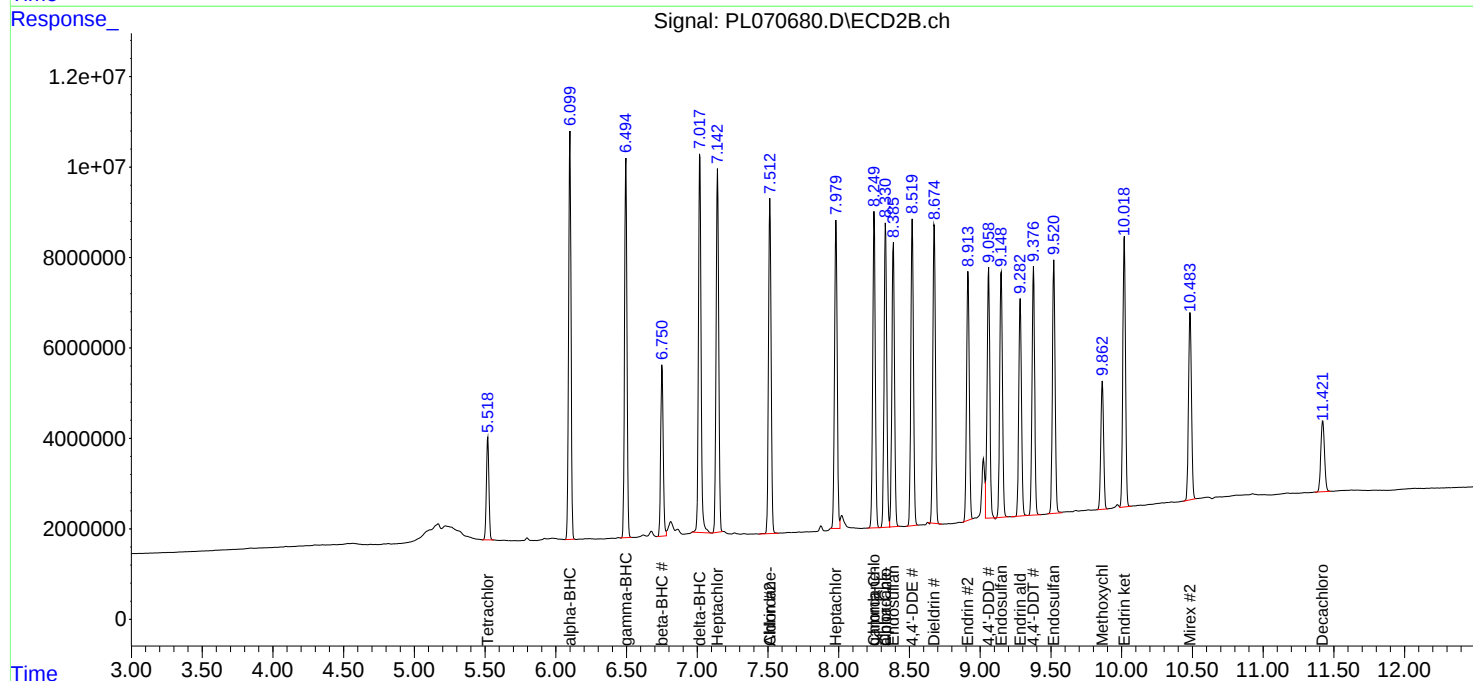
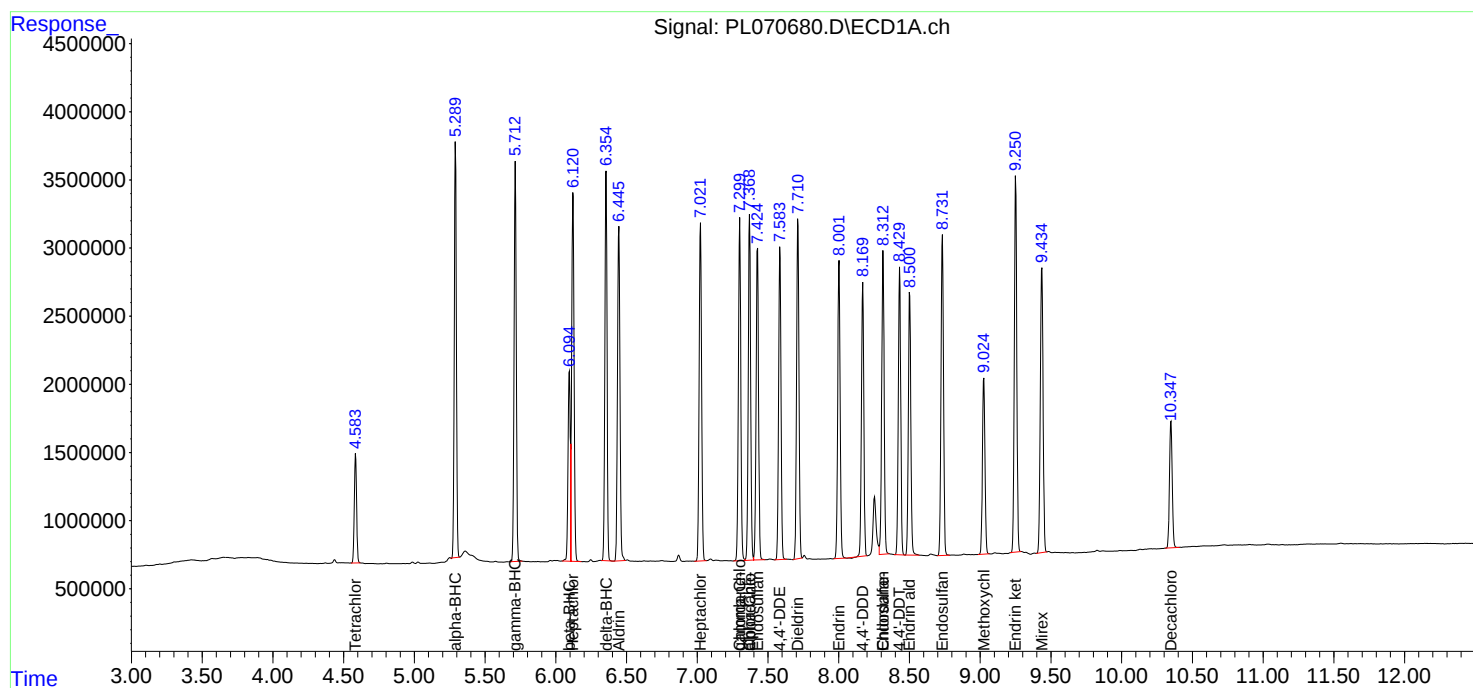
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

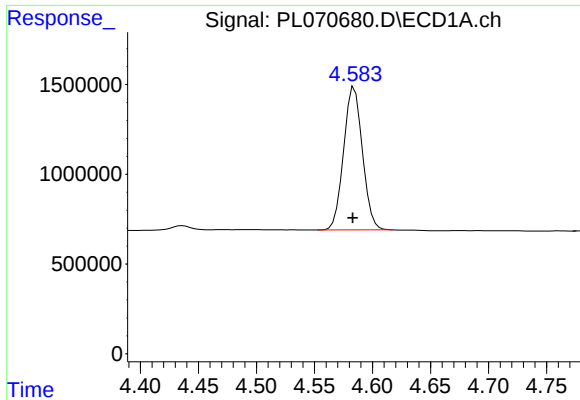
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103021\  
Data File : PL070680.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2021 17:18  
Operator : AR\AJ  
Sample : PB140346BS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 01:32:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102921.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 29 09:09:01 2021  
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

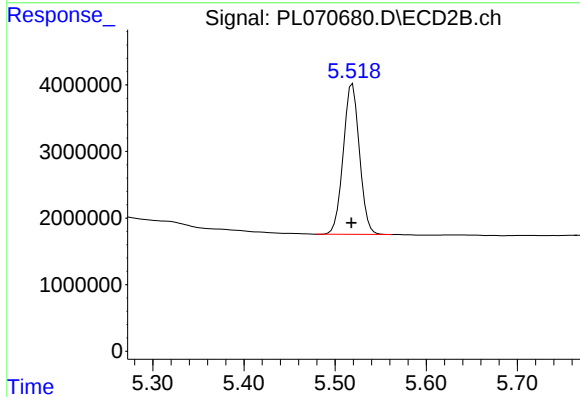




#1 Tetrachloro-m-xylene

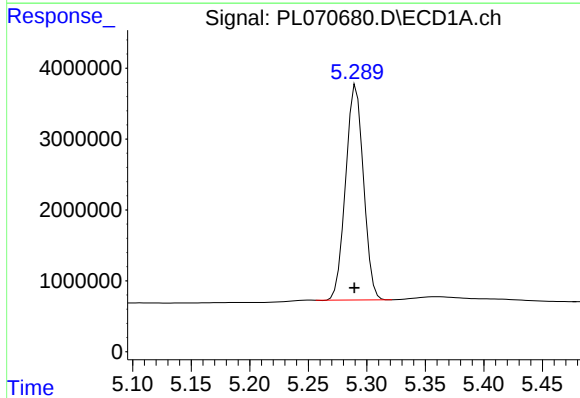
R.T.: 4.584 min  
Delta R.T.: 0.001 min  
Response: 8976872  
Conc: 19.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



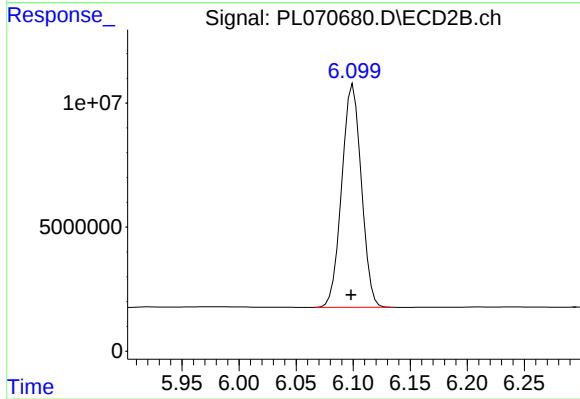
#1 Tetrachloro-m-xylene

R.T.: 5.519 min  
Delta R.T.: 0.001 min  
Response: 27946457  
Conc: 20.09 ng/ml



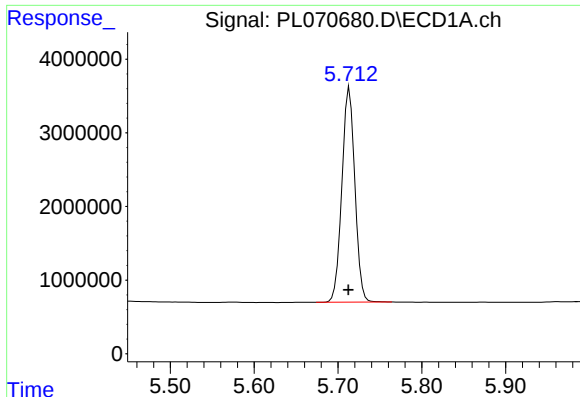
#2 alpha-BHC

R.T.: 5.291 min  
Delta R.T.: 0.001 min  
Response: 32243566  
Conc: 50.27 ng/ml



#2 alpha-BHC

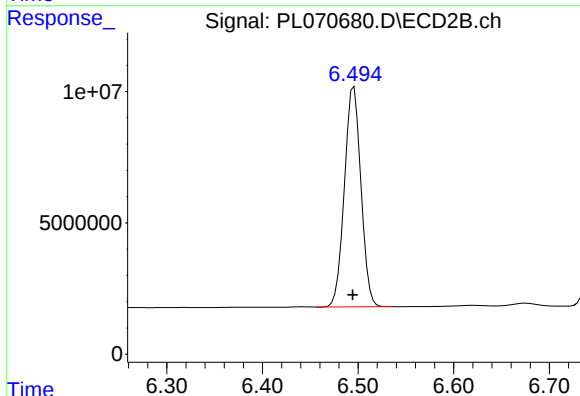
R.T.: 6.100 min  
Delta R.T.: 0.002 min  
Response: 107597907  
Conc: 50.77 ng/ml



#3 gamma-BHC (Lindane)

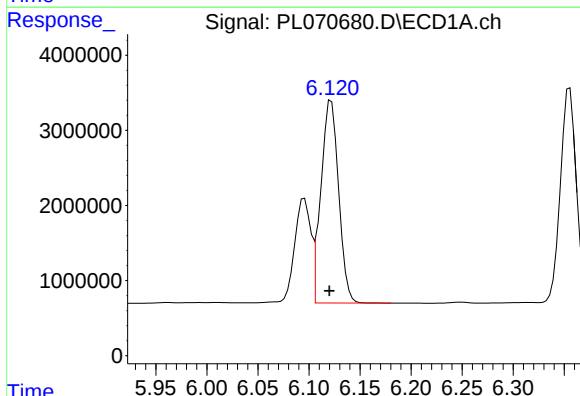
R.T.: 5.714 min  
Delta R.T.: 0.001 min  
Response: 31358149  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



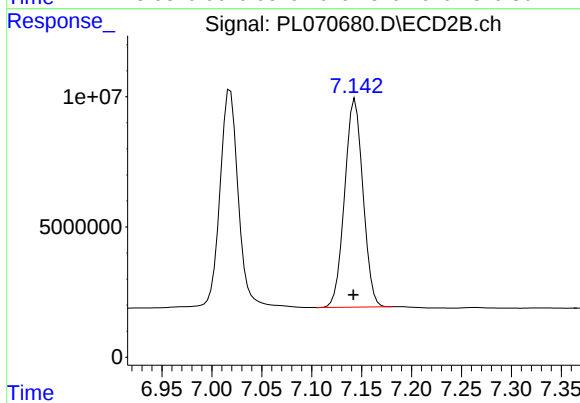
#3 gamma-BHC (Lindane)

R.T.: 6.496 min  
Delta R.T.: 0.001 min  
Response: 100988882  
Conc: 50.78 ng/ml



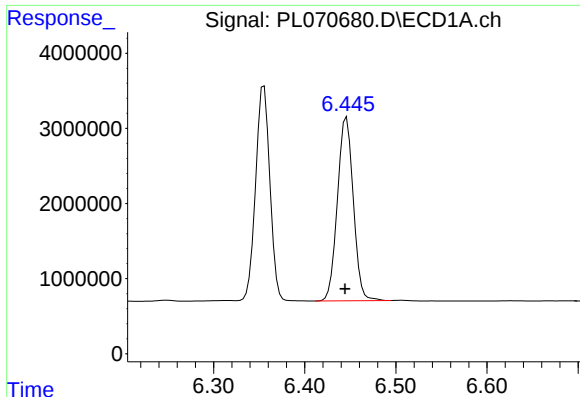
#4 Heptachlor

R.T.: 6.122 min  
Delta R.T.: 0.002 min  
Response: 32474667  
Conc: 48.22 ng/ml



#4 Heptachlor

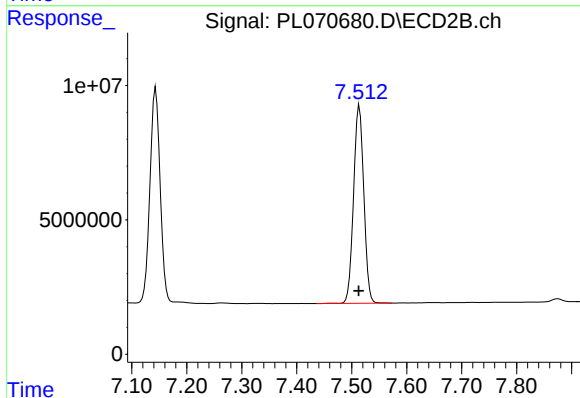
R.T.: 7.144 min  
Delta R.T.: 0.002 min  
Response: 102134110  
Conc: 49.95 ng/ml



#5 Aldrin

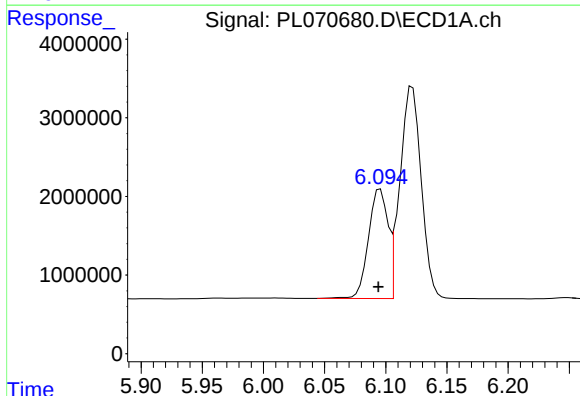
R.T.: 6.446 min  
Delta R.T.: 0.002 min  
Response: 29575495  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



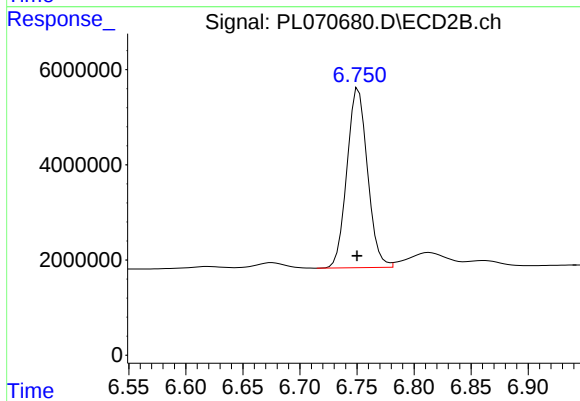
#5 Aldrin

R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 95206446  
Conc: 50.30 ng/ml



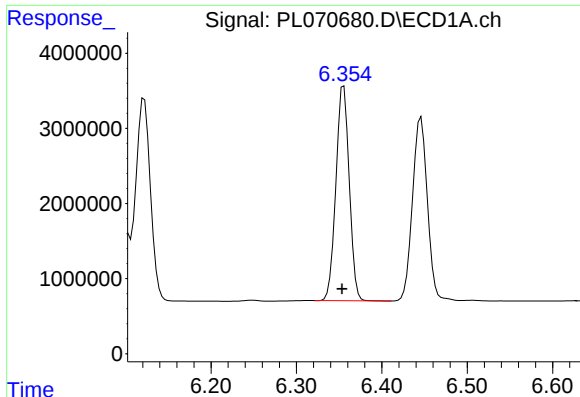
#6 beta-BHC

R.T.: 6.096 min  
Delta R.T.: 0.002 min  
Response: 15313447  
Conc: 48.38 ng/ml



#6 beta-BHC

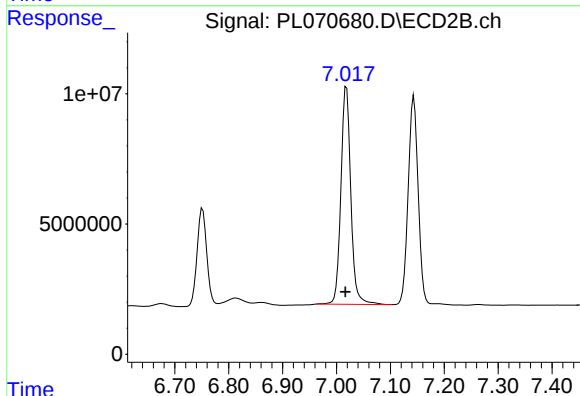
R.T.: 6.751 min  
Delta R.T.: 0.001 min  
Response: 47240176  
Conc: 47.51 ng/ml



#7 delta-BHC

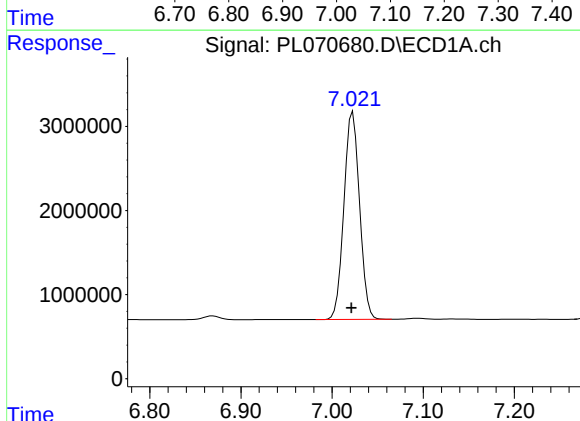
R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 31053556  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



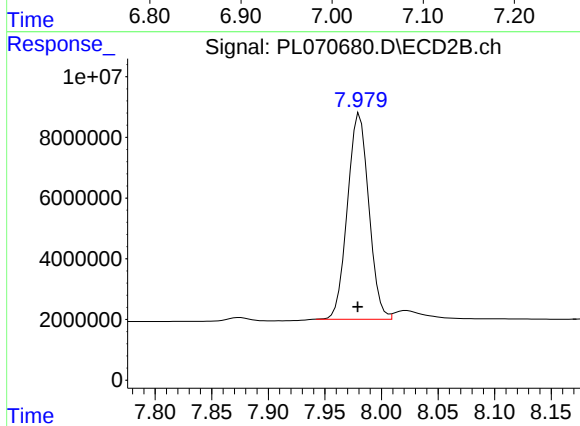
#7 delta-BHC

R.T.: 7.019 min  
Delta R.T.: 0.002 min  
Response: 106927957  
Conc: 47.22 ng/ml



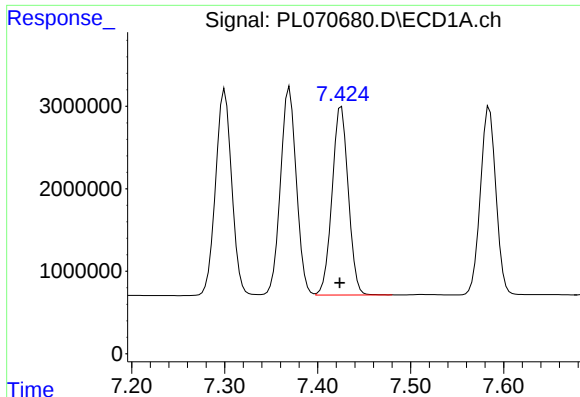
#8 Heptachlor epoxide

R.T.: 7.023 min  
Delta R.T.: 0.002 min  
Response: 29422430  
Conc: 49.17 ng/ml



#8 Heptachlor epoxide

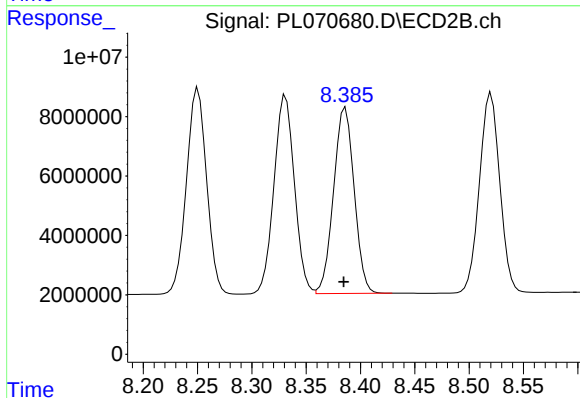
R.T.: 7.981 min  
Delta R.T.: 0.002 min  
Response: 89047130  
Conc: 50.96 ng/ml



#9 Endosulfan I

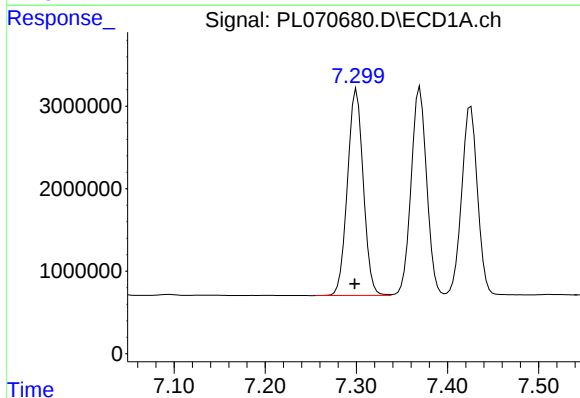
R.T.: 7.426 min  
Delta R.T.: 0.002 min  
Response: 27723163  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



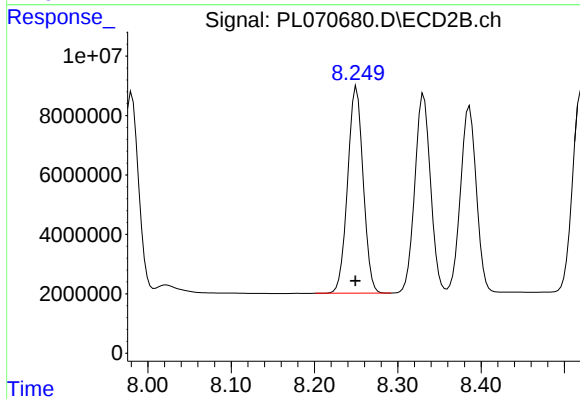
#9 Endosulfan I

R.T.: 8.386 min  
Delta R.T.: 0.002 min  
Response: 82687385  
Conc: 49.08 ng/ml



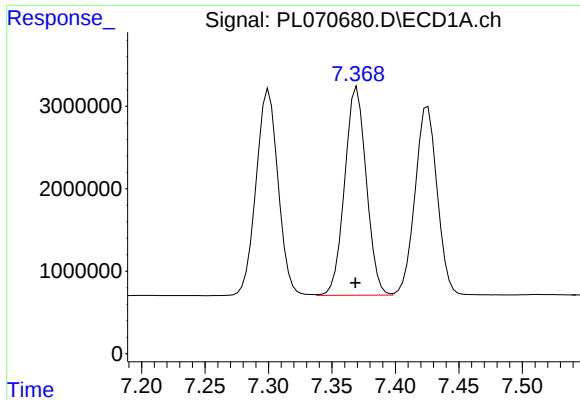
#10 gamma-Chlordane

R.T.: 7.300 min  
Delta R.T.: 0.002 min  
Response: 30141692  
Conc: 49.68 ng/ml



#10 gamma-Chlordane

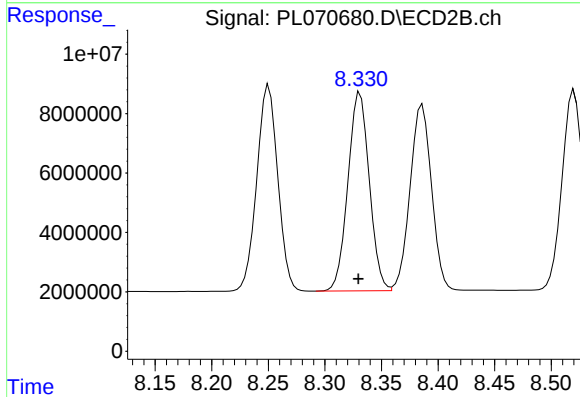
R.T.: 8.251 min  
Delta R.T.: 0.001 min  
Response: 89772177  
Conc: 49.36 ng/ml



#11 alpha-Chlordane

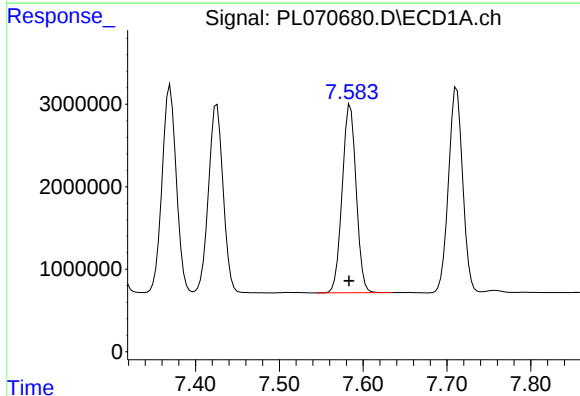
R.T.: 7.370 min  
Delta R.T.: 0.001 min  
Response: 29912803  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



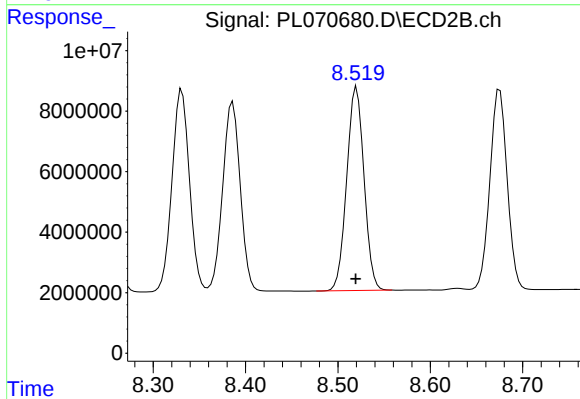
#11 alpha-Chlordane

R.T.: 8.331 min  
Delta R.T.: 0.001 min  
Response: 87808565  
Conc: 49.29 ng/ml



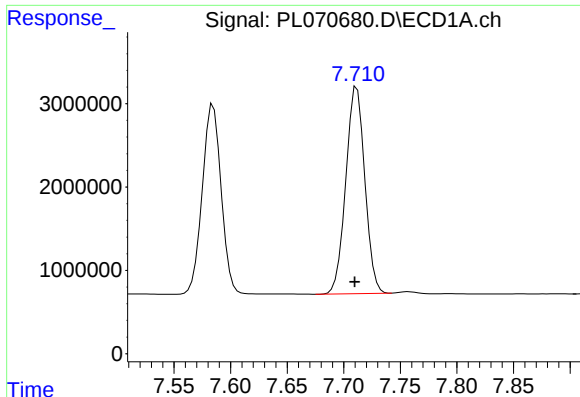
#12 4,4'-DDE

R.T.: 7.585 min  
Delta R.T.: 0.001 min  
Response: 26452898  
Conc: 50.76 ng/ml



#12 4,4'-DDE

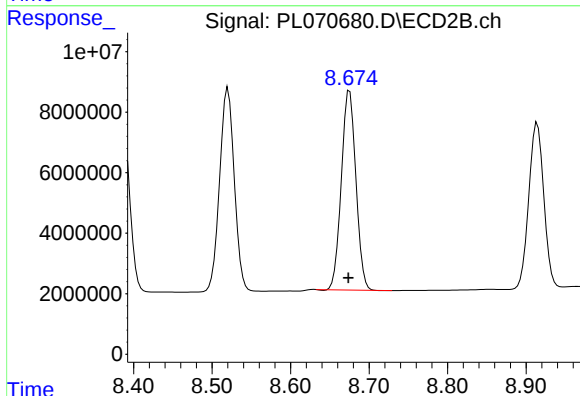
R.T.: 8.520 min  
Delta R.T.: 0.001 min  
Response: 87656343  
Conc: 48.58 ng/ml



#13 Dieldrin

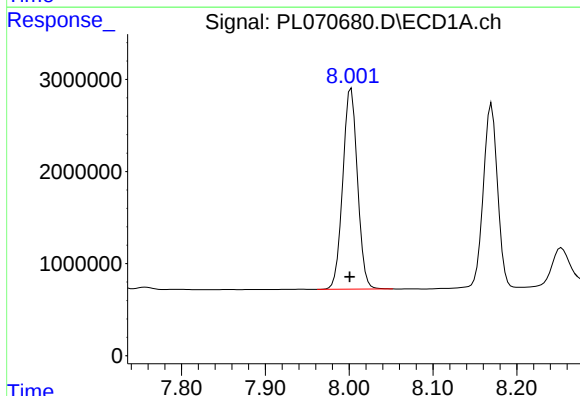
R.T.: 7.712 min  
Delta R.T.: 0.002 min  
Response: 29013633  
Conc: 50.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



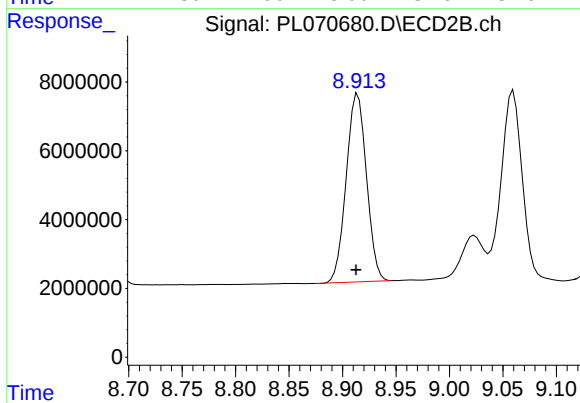
#13 Dieldrin

R.T.: 8.675 min  
Delta R.T.: 0.002 min  
Response: 85105629  
Conc: 48.30 ng/ml



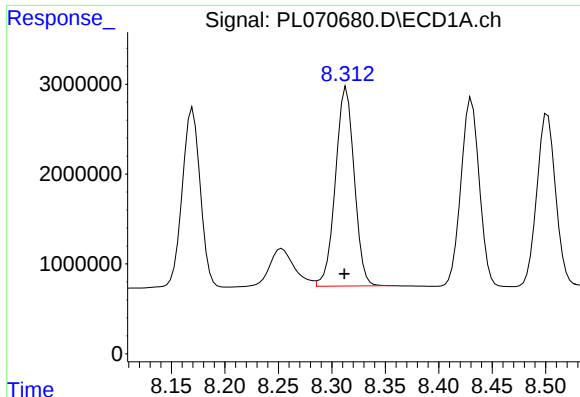
#14 Endrin

R.T.: 8.002 min  
Delta R.T.: 0.002 min  
Response: 26632164  
Conc: 49.59 ng/ml



#14 Endrin

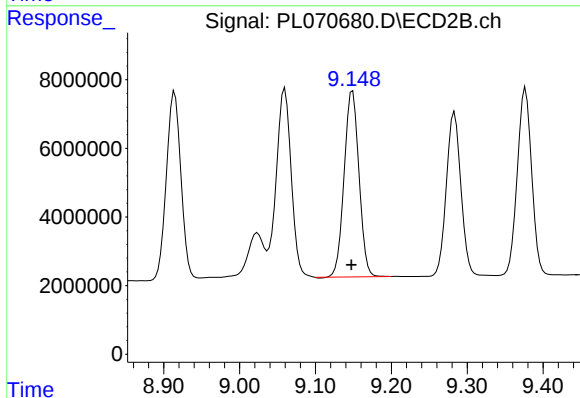
R.T.: 8.914 min  
Delta R.T.: 0.002 min  
Response: 72399959  
Conc: 47.81 ng/ml



#15 Endosulfan II

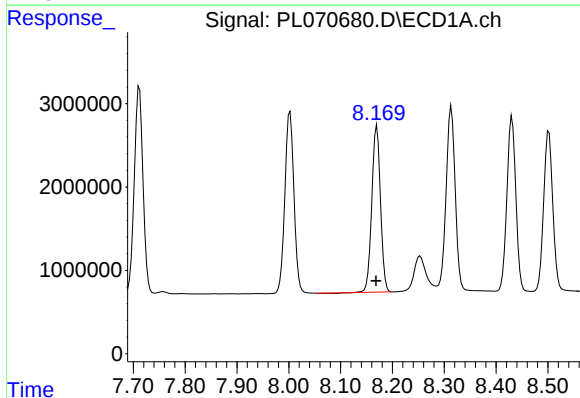
R.T.: 8.314 min  
Delta R.T.: 0.002 min  
Response: 27125934  
Conc: 47.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



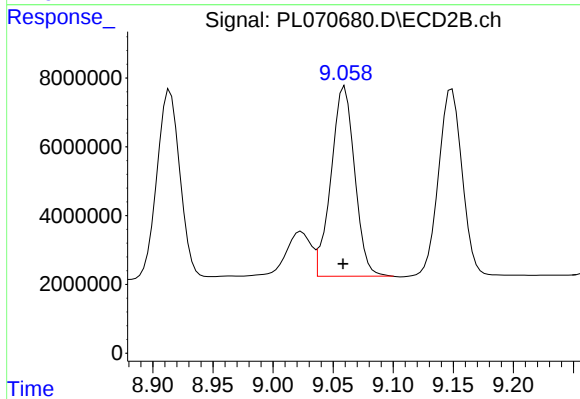
#15 Endosulfan II

R.T.: 9.149 min  
Delta R.T.: 0.002 min  
Response: 73676952  
Conc: 49.21 ng/ml



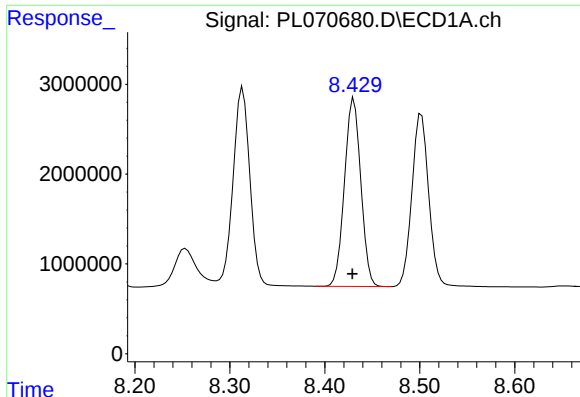
#16 4,4'-DDD

R.T.: 8.170 min  
Delta R.T.: 0.002 min  
Response: 23269674  
Conc: 51.00 ng/ml



#16 4,4'-DDD

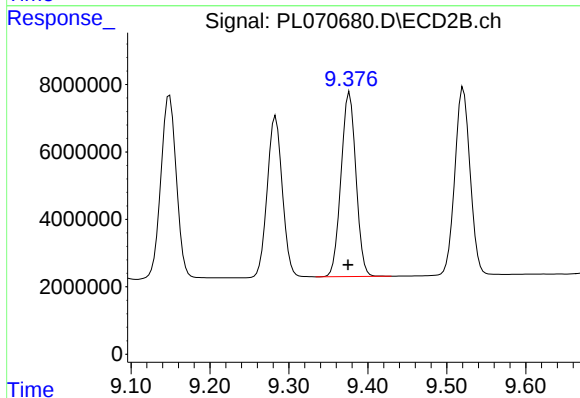
R.T.: 9.060 min  
Delta R.T.: 0.002 min  
Response: 75766751  
Conc: 47.13 ng/ml



#17 4,4'-DDT

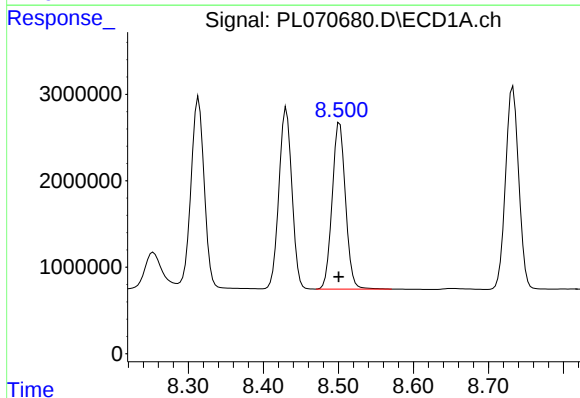
R.T.: 8.431 min  
Delta R.T.: 0.002 min  
Response: 25069601  
Conc: 48.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



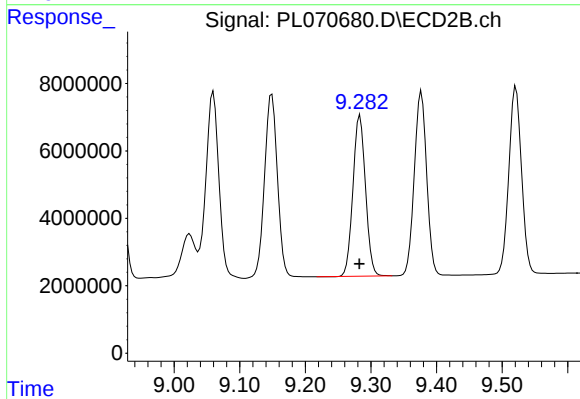
#17 4,4'-DDT

R.T.: 9.377 min  
Delta R.T.: 0.002 min  
Response: 71716320  
Conc: 44.36 ng/ml



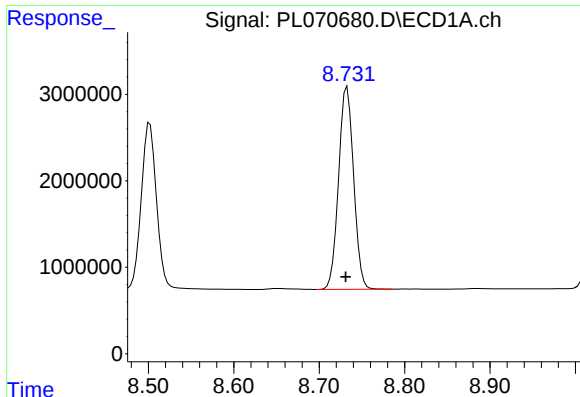
#18 Endrin aldehyde

R.T.: 8.502 min  
Delta R.T.: 0.001 min  
Response: 23764287  
Conc: 55.71 ng/ml



#18 Endrin aldehyde

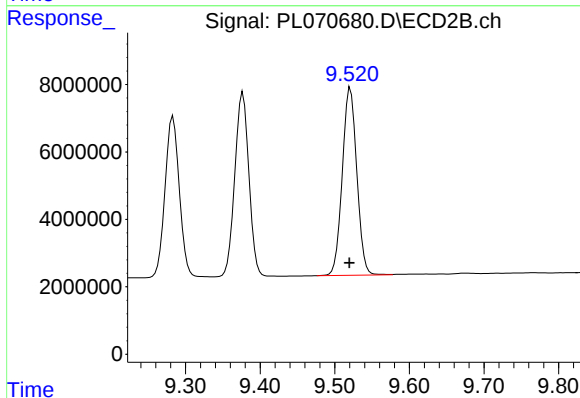
R.T.: 9.283 min  
Delta R.T.: 0.001 min  
Response: 63487010  
Conc: 53.91 ng/ml



#19 Endosulfan Sulfate

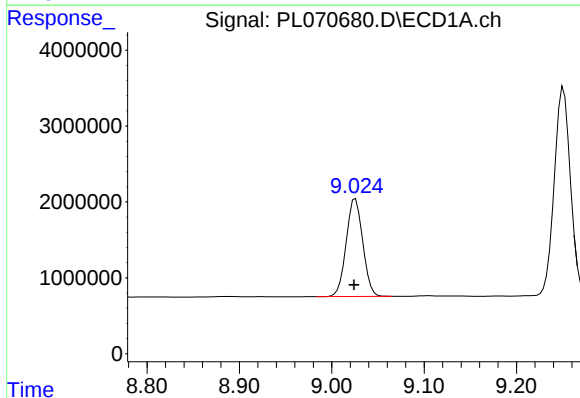
R.T.: 8.733 min  
Delta R.T.: 0.001 min  
Response: 28684473  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



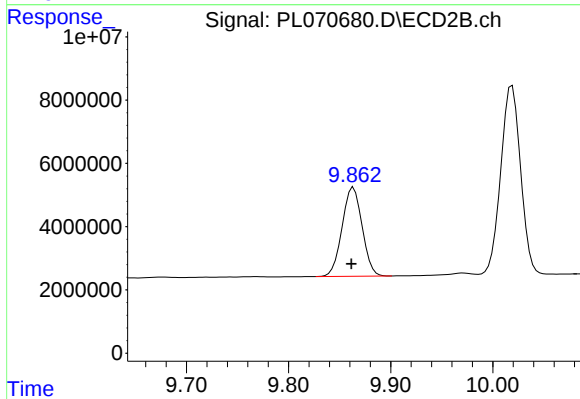
#19 Endosulfan Sulfate

R.T.: 9.521 min  
Delta R.T.: 0.001 min  
Response: 75185679  
Conc: 50.16 ng/ml



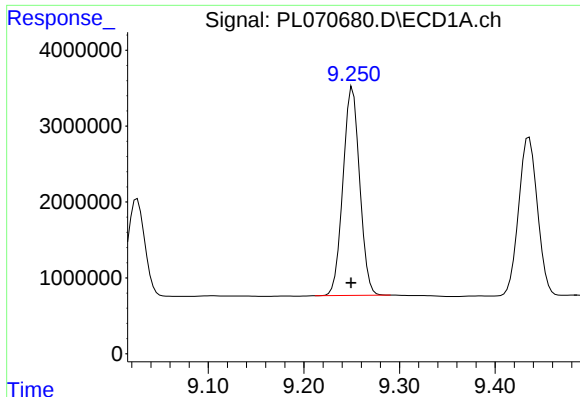
#20 Methoxychlor

R.T.: 9.026 min  
Delta R.T.: 0.002 min  
Response: 16061752  
Conc: 48.34 ng/ml



#20 Methoxychlor

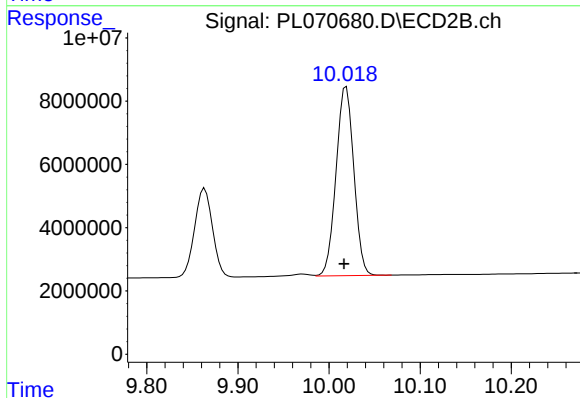
R.T.: 9.864 min  
Delta R.T.: 0.002 min  
Response: 38372168  
Conc: 45.84 ng/ml



#21 Endrin ketone

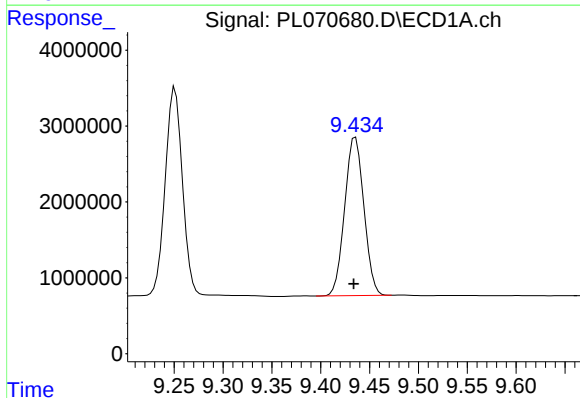
R.T.: 9.251 min  
Delta R.T.: 0.001 min  
Response: 33401209  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



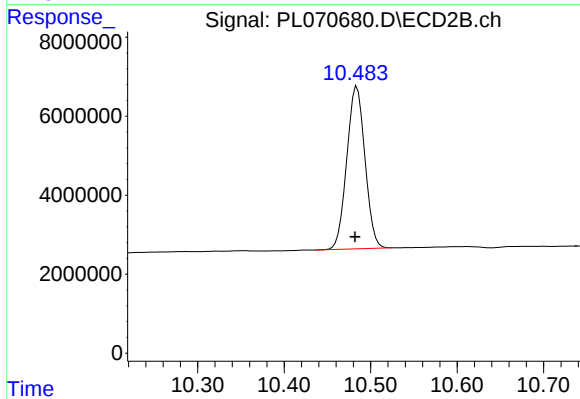
#21 Endrin ketone

R.T.: 10.019 min  
Delta R.T.: 0.002 min  
Response: 81003661  
Conc: 49.57 ng/ml



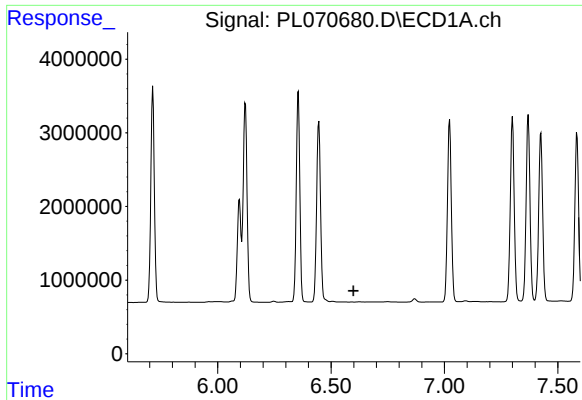
#22 Mirex

R.T.: 9.436 min  
Delta R.T.: 0.002 min  
Response: 28606397  
Conc: 50.33 ng/ml



#22 Mirex

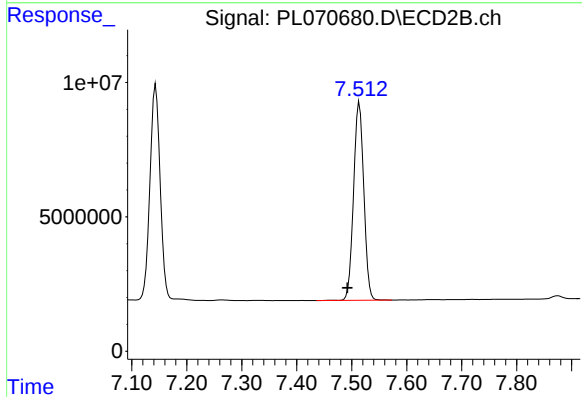
R.T.: 10.484 min  
Delta R.T.: 0.002 min  
Response: 59928648  
Conc: 50.11 ng/ml



#24 Chlordane-2

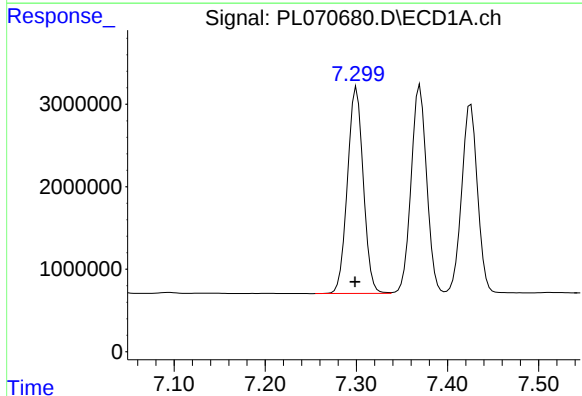
R.T.: 0.000 min  
Exp R.T.: 6.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



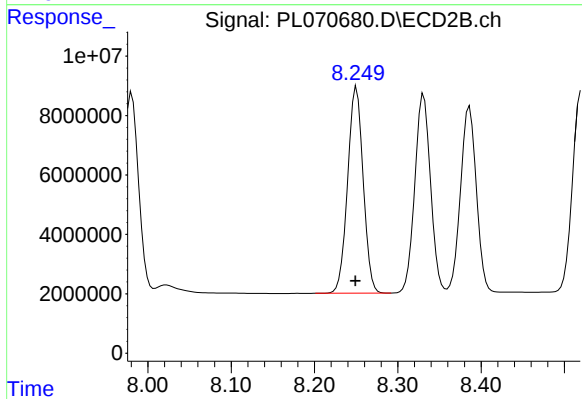
#24 Chlordane-2

R.T.: 7.514 min  
Delta R.T.: 0.022 min  
Response: 95206446  
Conc: 1550.34 ng/ml



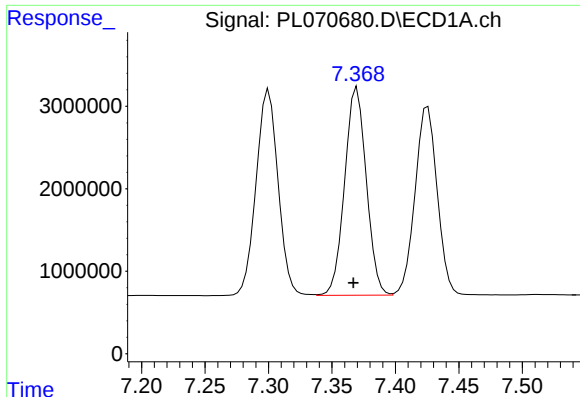
#25 Chlordane-3

R.T.: 7.300 min  
Delta R.T.: 0.002 min  
Response: 30141692  
Conc: 521.11 ng/ml



#25 Chlordane-3

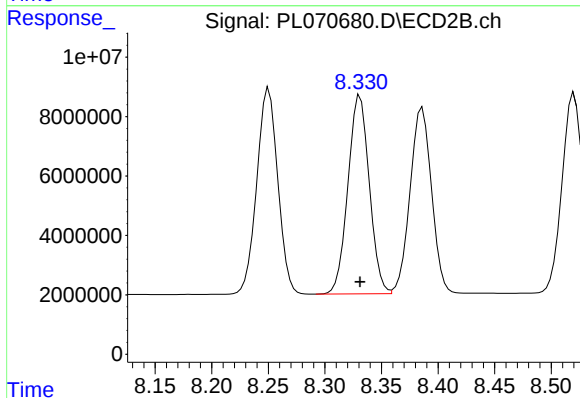
R.T.: 8.251 min  
Delta R.T.: 0.001 min  
Response: 89772177  
Conc: 367.29 ng/ml



#26 Chlordane-4

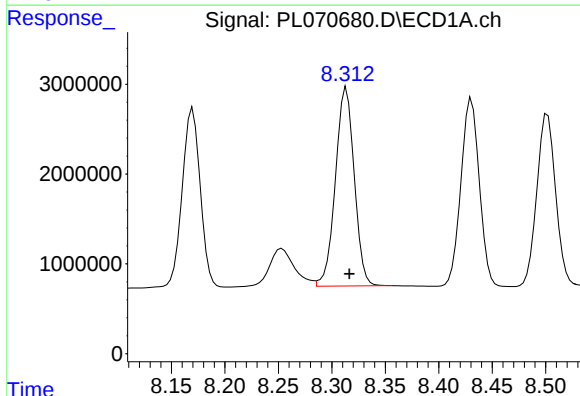
R.T.: 7.370 min  
Delta R.T.: 0.003 min  
Response: 29912803  
Conc: 482.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



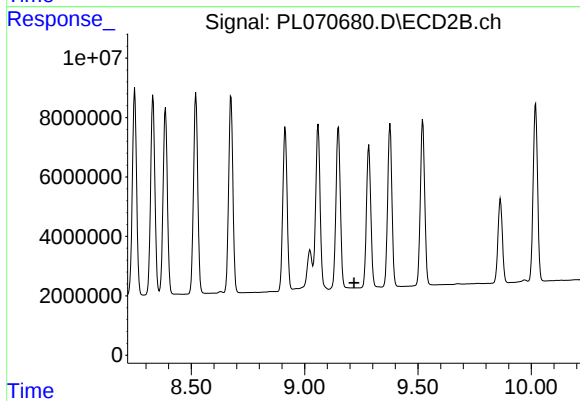
#26 Chlordane-4

R.T.: 8.331 min  
Delta R.T.: 0.000 min  
Response: 87808565  
Conc: 300.97 ng/ml



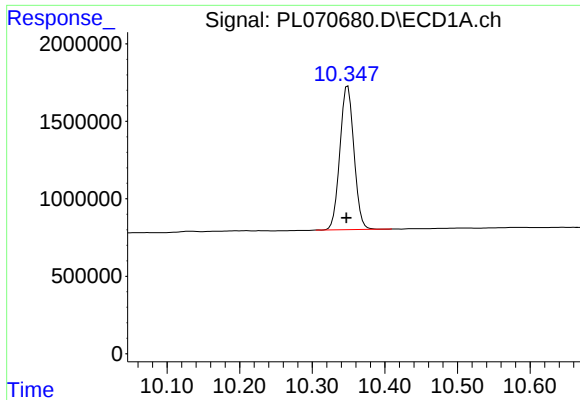
#27 Chlordane-5

R.T.: 8.314 min  
Delta R.T.: -0.003 min  
Response: 27125934  
Conc: 1122.50 ng/ml



#27 Chlordane-5

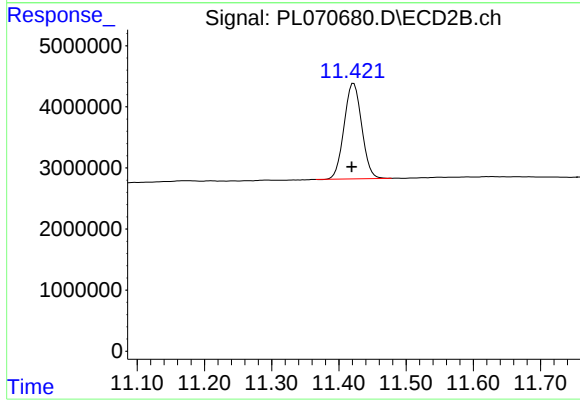
R.T.: 0.000 min  
Exp R.T.: 9.218 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.349 min  
Delta R.T.: 0.002 min  
Response: 12459415  
Conc: 20.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.422 min  
Delta R.T.: 0.003 min  
Response: 28435381  
Conc: 19.89 ng/ml