

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121521\  
 Data File : PL071474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Dec 2021 20:47  
 Operator : AR\AJ  
 Sample : PDTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 16 00:41:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 14:29:34 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... | 4.560  | 5.496  | 22785742 | 60805306 | 48.071   | 51.041     |
| 28)                         | SA Decachlor... | 10.318 | 11.383 | 30731764 | 56089445 | 46.255   | 51.625     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.265  | 6.077  | 31939058 | 89295443 | 50.221   | 51.925     |
| 3)                          | MA gamma-BHC... | 5.688  | 6.472  | 31049458 | 82626459 | 47.517   | 51.768     |
| 4)                          | MA Heptachlor   | 6.095  | 7.118  | 32353142 | 78857609 | 46.832   | 49.402     |
| 5)                          | MB Aldrin       | 6.418  | 7.488  | 30299956 | 75274712 | 49.206   | 51.538     |
| 6)                          | B beta-BHC      | 6.072  | 6.730  | 14968317 | 38272340 | 52.419   | 47.813     |
| 7)                          | B delta-BHC     | 6.330  | 6.996  | 31502193 | 82225653 | 50.369   | 53.815     |
| 8)                          | B Heptachlo...  | 6.995  | 7.955  | 29847986 | 72211162 | 48.767   | 53.832     |
| 9)                          | A Endosulfan I  | 7.397  | 8.359  | 28897829 | 63650840 | 49.776   | 53.032     |
| 10)                         | B gamma-Chl...  | 7.272  | 8.224  | 30709452 | 76109542 | 49.474   | 58.861     |
| 11)                         | B alpha-Chl...  | 7.341  | 8.304  | 30881899 | 68723892 | 49.513   | 54.090     |
| 12)                         | B 4,4'-DDE      | 7.556  | 8.494  | 27285405 | 64622765 | 49.998   | 54.252     |
| 13)                         | MA Dieldrin     | 7.683  | 8.648  | 29266424 | 63409214 | 49.976   | 52.154     |
| 14)                         | MA Endrin       | 7.974  | 8.887  | 25370294 | 51663743 | 46.320   | 50.995     |
| 15)                         | B Endosulfa...  | 8.286  | 9.122  | 26350489 | 55868707 | 48.348   | 55.363     |
| 16)                         | A 4,4'-DDD      | 8.142  | 9.034  | 24978534 | 58465823 | 53.070   | 66.235     |
| 17)                         | MA 4,4'-DDT     | 8.402  | 9.350  | 21779494 | 45570108 | 42.676   | 46.084     |
| 18)                         | B Endrin al...  | 8.474  | 9.257  | 20776768 | 40326373 | 48.858   | 53.536     |
| 19)                         | B Endosulfa...  | 8.705  | 9.495  | 27465510 | 51868366 | 47.840   | 52.922     |
| 20)                         | A Methoxychlor  | 8.998  | 9.837  | 13748318 | 23339720 | 42.447   | 46.496     |
| 21)                         | B Endrin ke...  | 9.222  | 9.990  | 32731979 | 57075552 | 49.628   | 54.276     |
| 22)                         | Mirex           | 9.405  | 10.453 | 27069393 | 40867955 | 46.657   | 50.777     |
| 24)                         | Chlordane-2     | 6.601f | 7.488f | 1035930  | 75274712 | 47.920   | 1596.186 # |
| 25)                         | Chlordane-3     | 7.272  | 8.224  | 30709452 | 76109542 | 529.989  | 434.774    |
| 26)                         | Chlordane-4     | 7.341  | 8.304  | 30881899 | 68723892 | 497.496  | 327.328 #  |
| 27)                         | Chlordane-5     | 8.286  | 0.000  | 26350489 | 0        | 1232.176 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

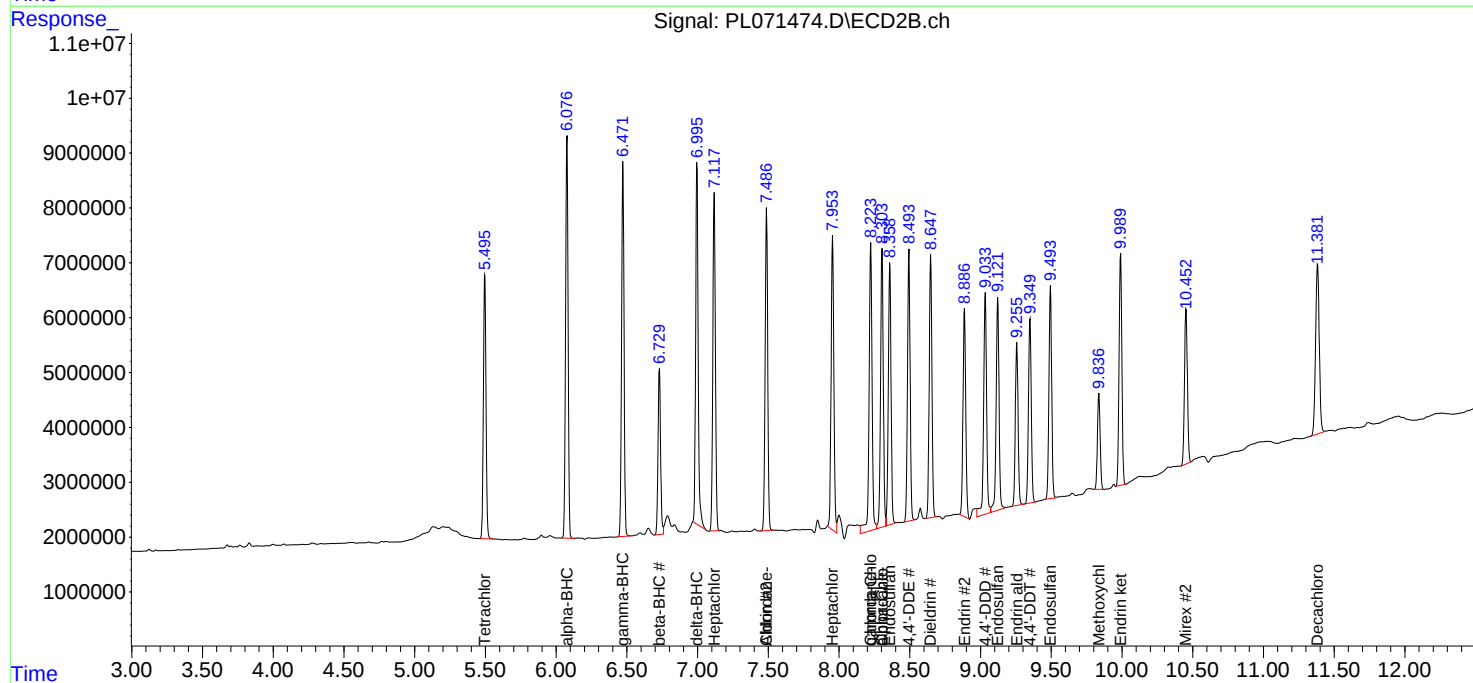
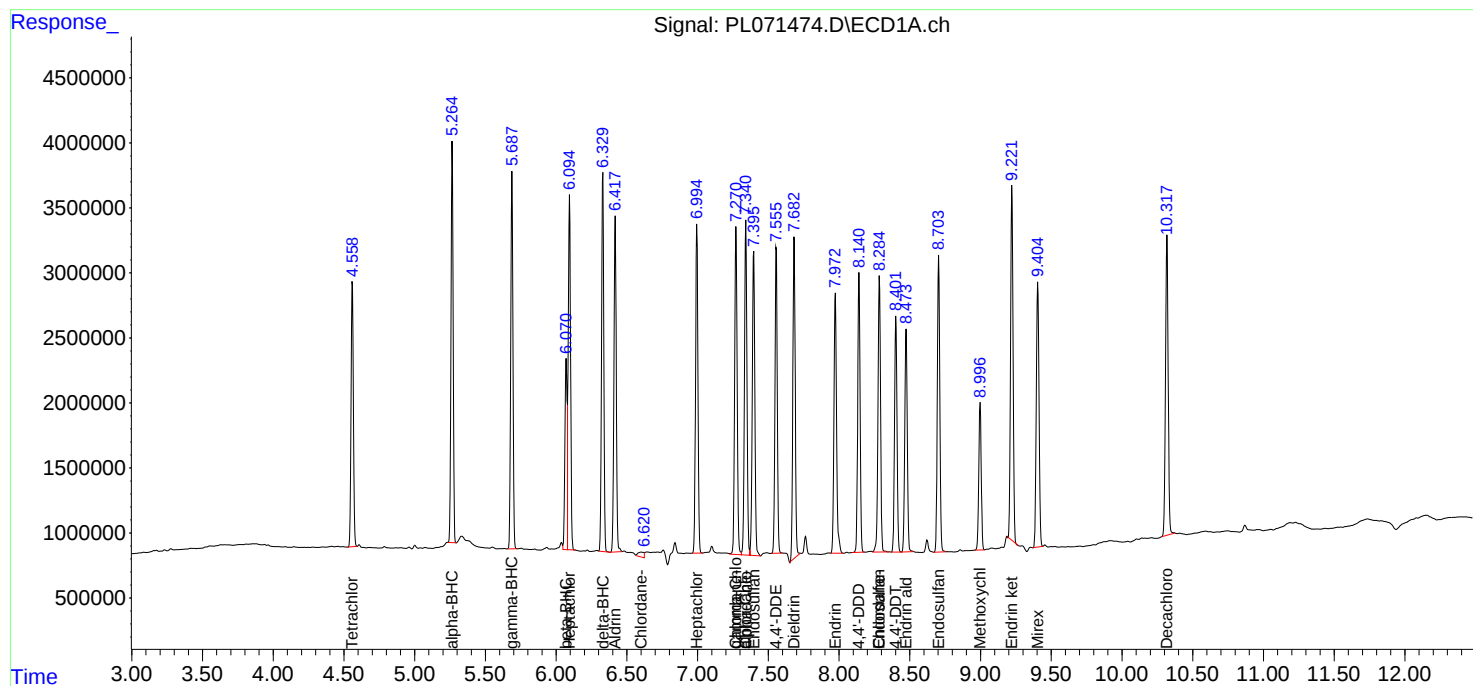
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

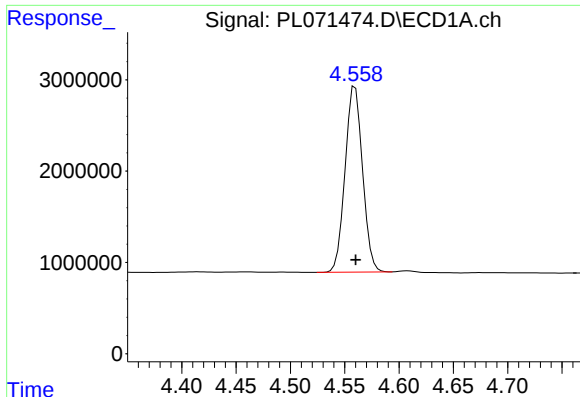
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121521\  
Data File : PL071474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Dec 2021 20:47  
Operator : AR\AJ  
Sample : PDTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 16 00:41:00 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 14 14:29:34 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

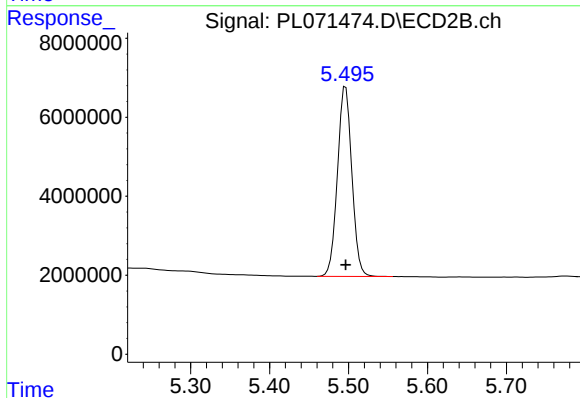




#1 Tetrachloro-m-xylene

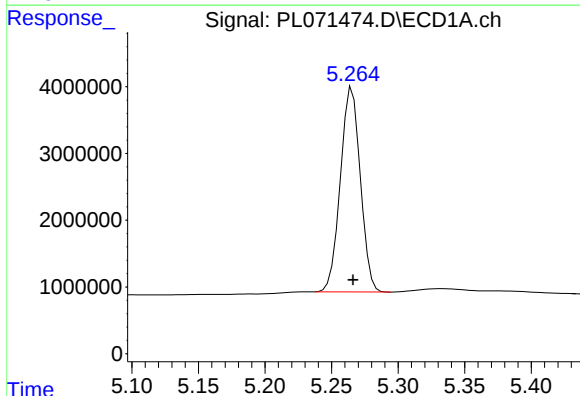
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 22785742  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



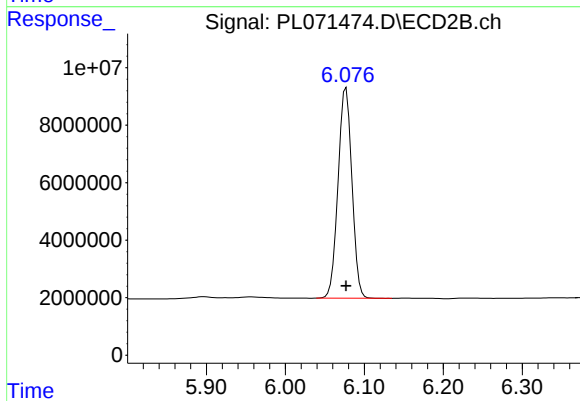
#1 Tetrachloro-m-xylene

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 60805306  
Conc: 51.04 ng/ml



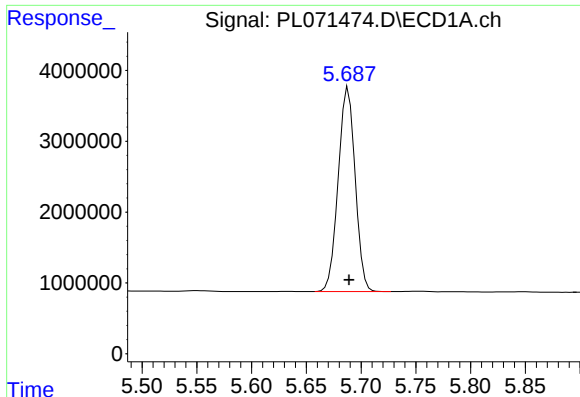
#2 alpha-BHC

R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 31939058  
Conc: 50.22 ng/ml



#2 alpha-BHC

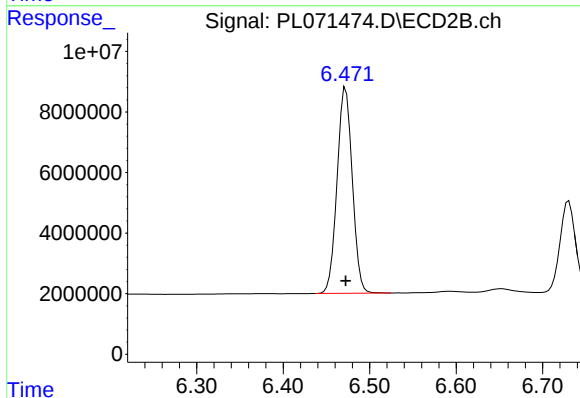
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 89295443  
Conc: 51.93 ng/ml



#3 gamma-BHC (Lindane)

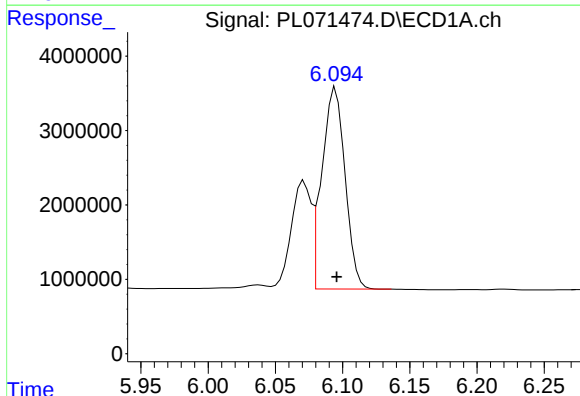
R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 31049458  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



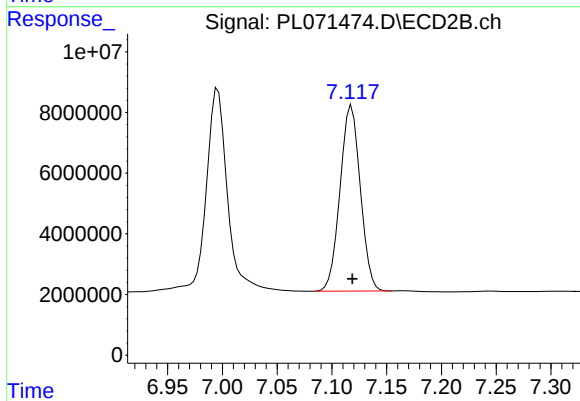
#3 gamma-BHC (Lindane)

R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 82626459  
Conc: 51.77 ng/ml



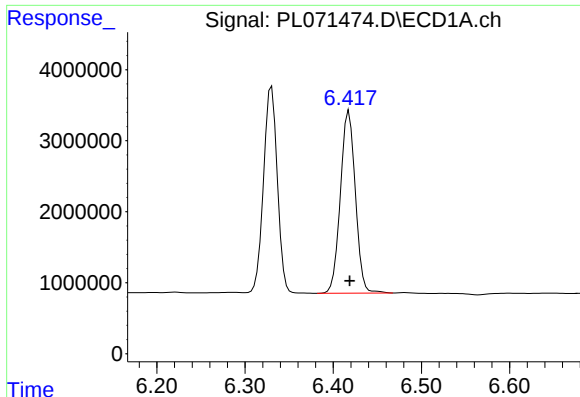
#4 Heptachlor

R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 32353142  
Conc: 46.83 ng/ml



#4 Heptachlor

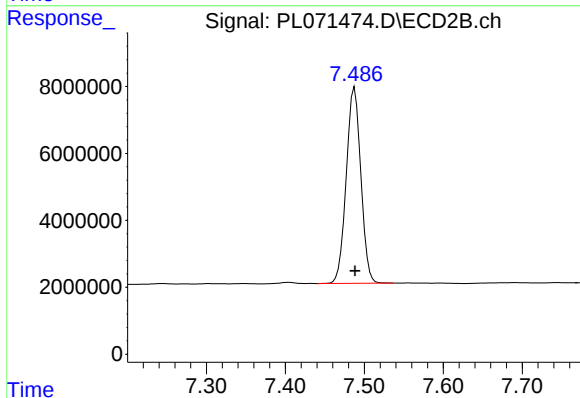
R.T.: 7.118 min  
Delta R.T.: 0.000 min  
Response: 78857609  
Conc: 49.40 ng/ml



#5 Aldrin

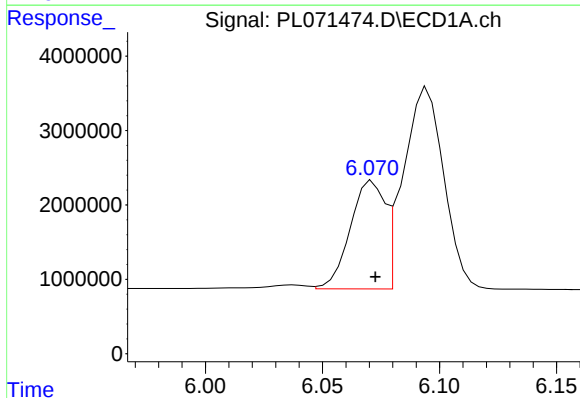
R.T.: 6.418 min  
Delta R.T.: 0.000 min  
Response: 30299956  
Conc: 49.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



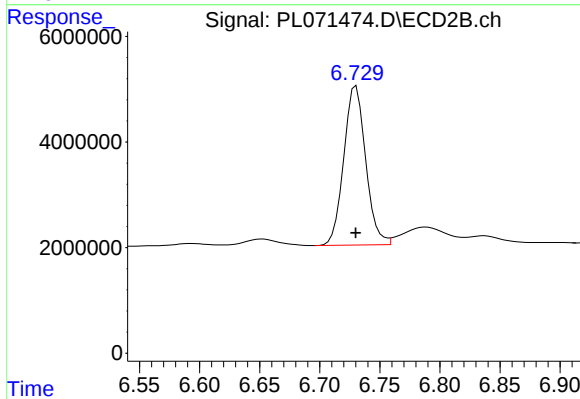
#5 Aldrin

R.T.: 7.488 min  
Delta R.T.: 0.000 min  
Response: 75274712  
Conc: 51.54 ng/ml



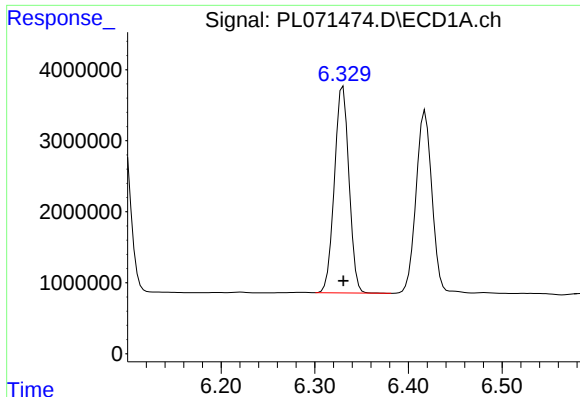
#6 beta-BHC

R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 14968317  
Conc: 52.42 ng/ml



#6 beta-BHC

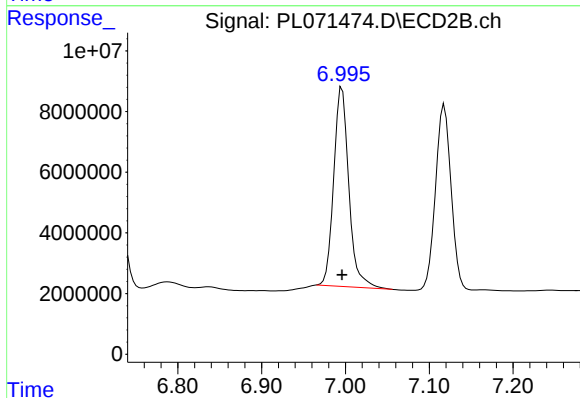
R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 38272340  
Conc: 47.81 ng/ml



#7 delta-BHC

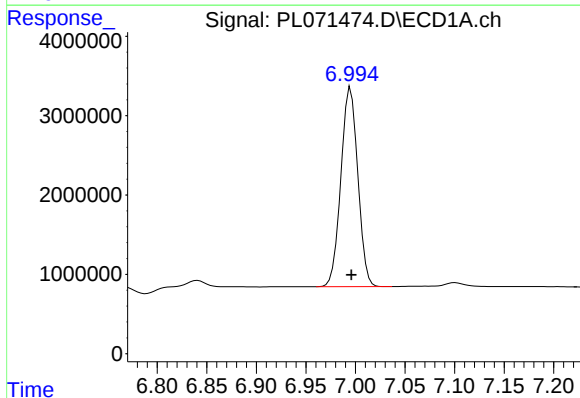
R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 31502193  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



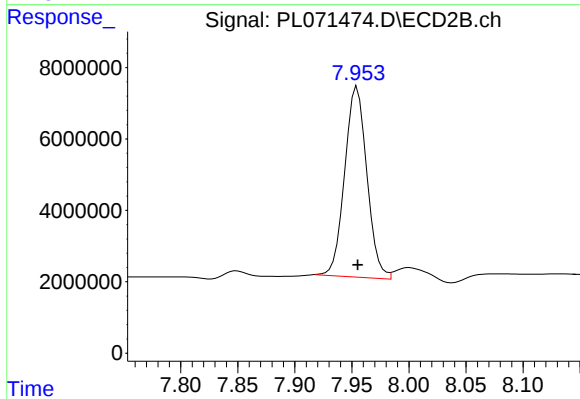
#7 delta-BHC

R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 82225653  
Conc: 53.81 ng/ml



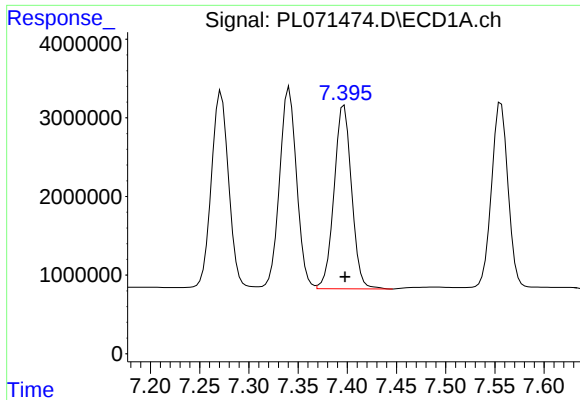
#8 Heptachlor epoxide

R.T.: 6.995 min  
Delta R.T.: 0.000 min  
Response: 29847986  
Conc: 48.77 ng/ml



#8 Heptachlor epoxide

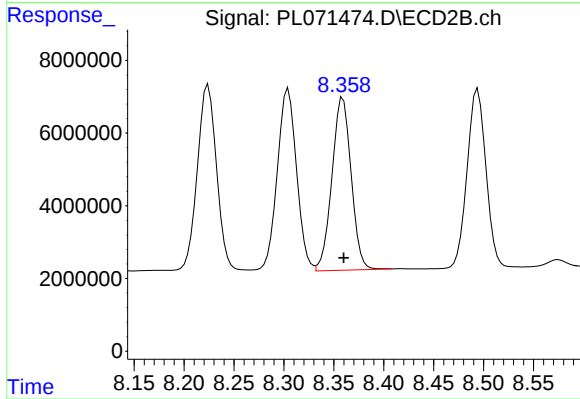
R.T.: 7.955 min  
Delta R.T.: 0.000 min  
Response: 72211162  
Conc: 53.83 ng/ml



#9 Endosulfan I

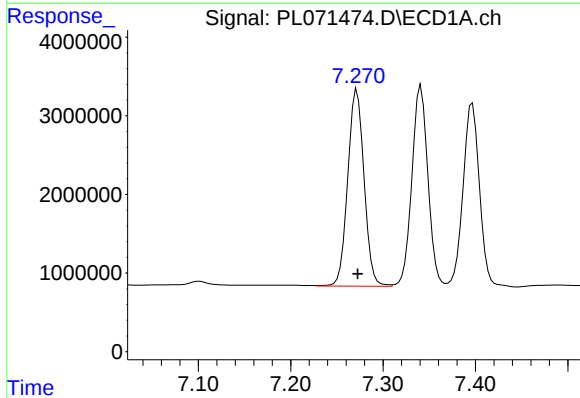
R.T.: 7.397 min  
Delta R.T.: 0.000 min  
Response: 28897829  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



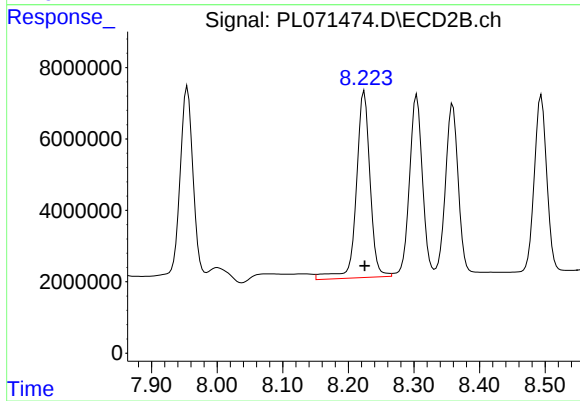
#9 Endosulfan I

R.T.: 8.359 min  
Delta R.T.: 0.000 min  
Response: 63650840  
Conc: 53.03 ng/ml



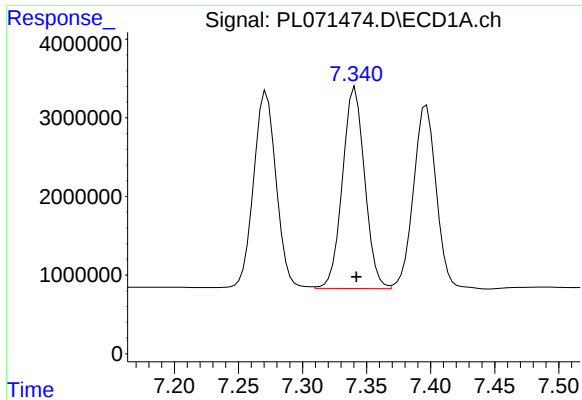
#10 gamma-Chlordane

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 30709452  
Conc: 49.47 ng/ml



#10 gamma-Chlordane

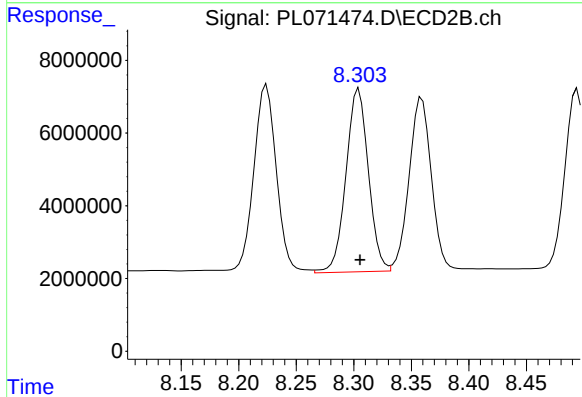
R.T.: 8.224 min  
Delta R.T.: 0.000 min  
Response: 76109542  
Conc: 58.86 ng/ml



#11 alpha-Chlordane

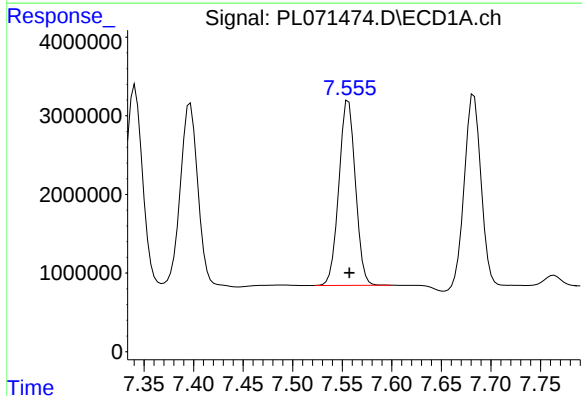
R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 30881899  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



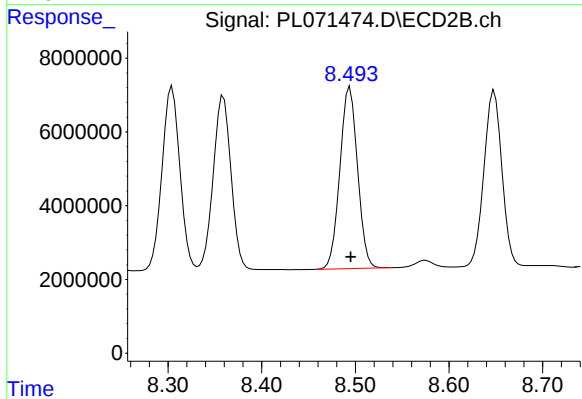
#11 alpha-Chlordane

R.T.: 8.304 min  
Delta R.T.: -0.001 min  
Response: 68723892  
Conc: 54.09 ng/ml



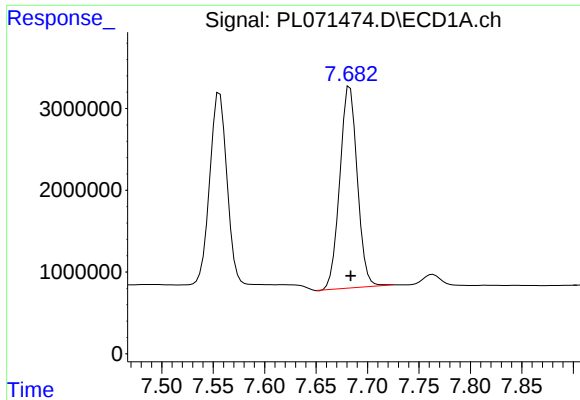
#12 4,4'-DDE

R.T.: 7.556 min  
Delta R.T.: 0.000 min  
Response: 27285405  
Conc: 50.00 ng/ml



#12 4,4'-DDE

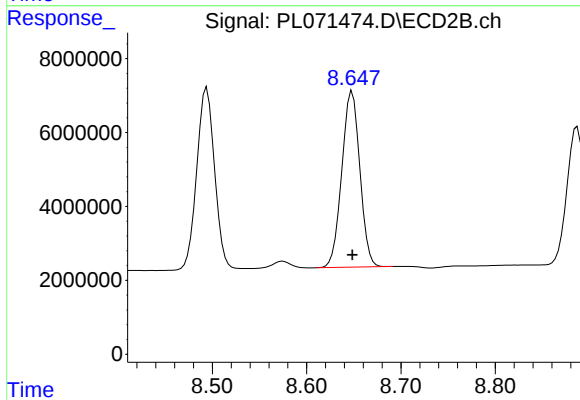
R.T.: 8.494 min  
Delta R.T.: 0.000 min  
Response: 64622765  
Conc: 54.25 ng/ml



#13 Dieldrin

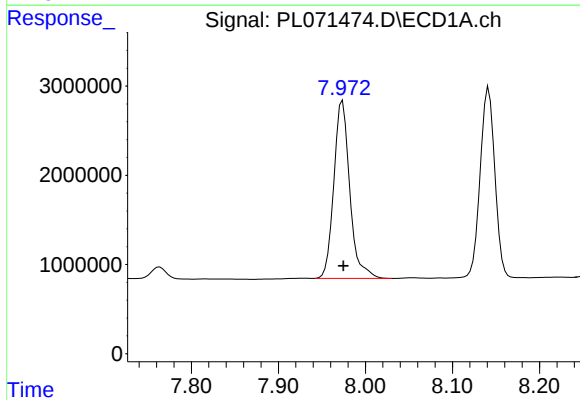
R.T.: 7.683 min  
Delta R.T.: 0.000 min  
Response: 29266424  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



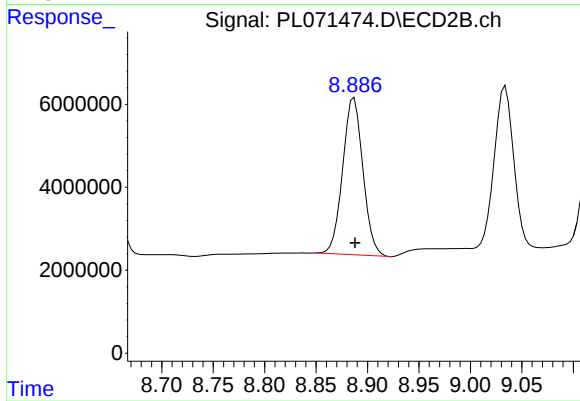
#13 Dieldrin

R.T.: 8.648 min  
Delta R.T.: 0.000 min  
Response: 63409214  
Conc: 52.15 ng/ml



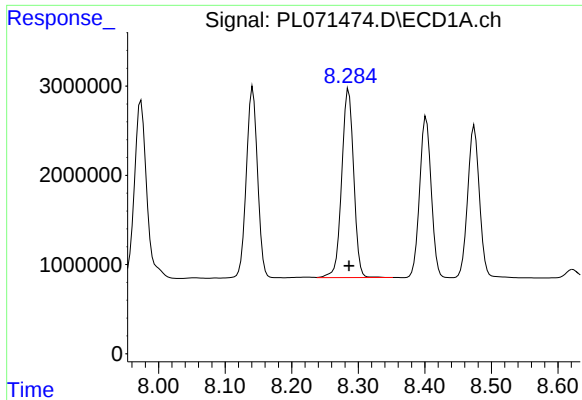
#14 Endrin

R.T.: 7.974 min  
Delta R.T.: -0.001 min  
Response: 25370294  
Conc: 46.32 ng/ml



#14 Endrin

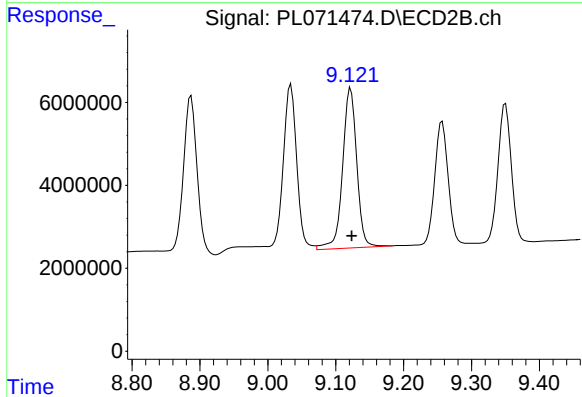
R.T.: 8.887 min  
Delta R.T.: 0.000 min  
Response: 51663743  
Conc: 51.00 ng/ml



#15 Endosulfan II

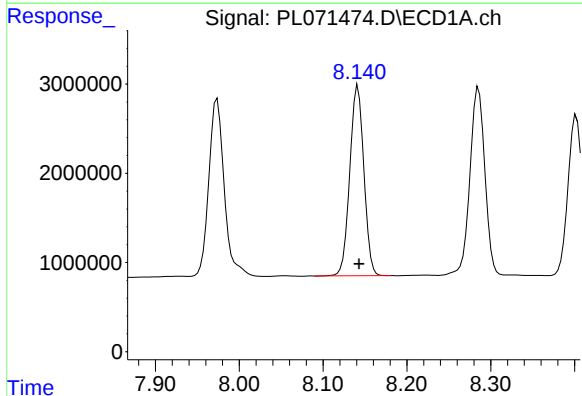
R.T.: 8.286 min  
Delta R.T.: 0.000 min  
Response: 26350489  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



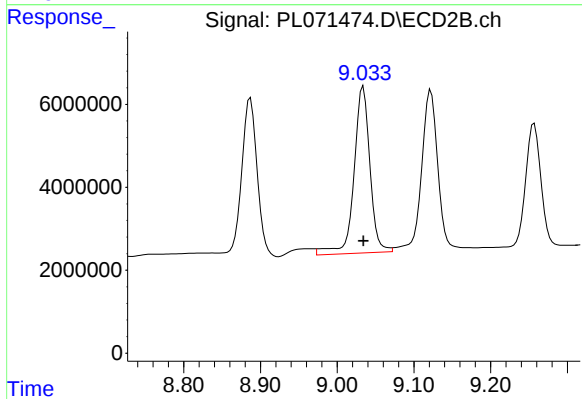
#15 Endosulfan II

R.T.: 9.122 min  
Delta R.T.: -0.002 min  
Response: 55868707  
Conc: 55.36 ng/ml



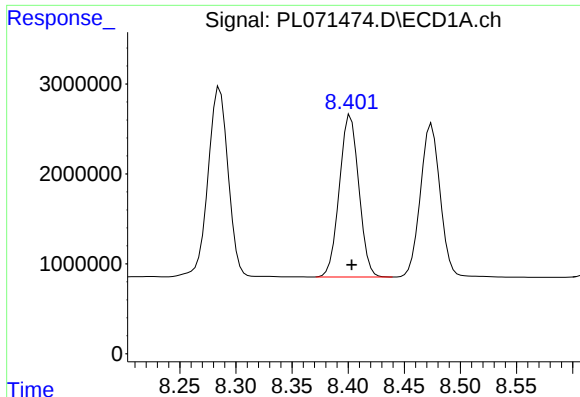
#16 4,4'-DDD

R.T.: 8.142 min  
Delta R.T.: -0.001 min  
Response: 24978534  
Conc: 53.07 ng/ml



#16 4,4'-DDD

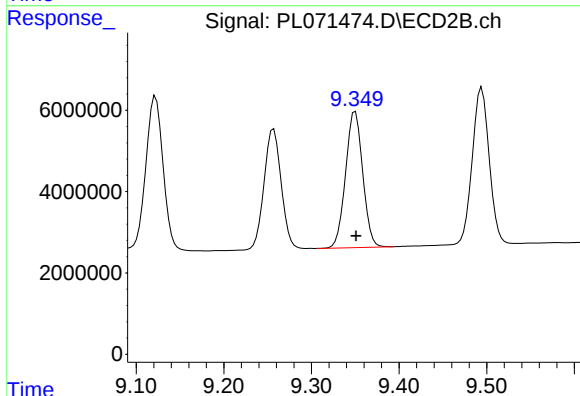
R.T.: 9.034 min  
Delta R.T.: 0.000 min  
Response: 58465823  
Conc: 66.24 ng/ml



#17 4,4'-DDT

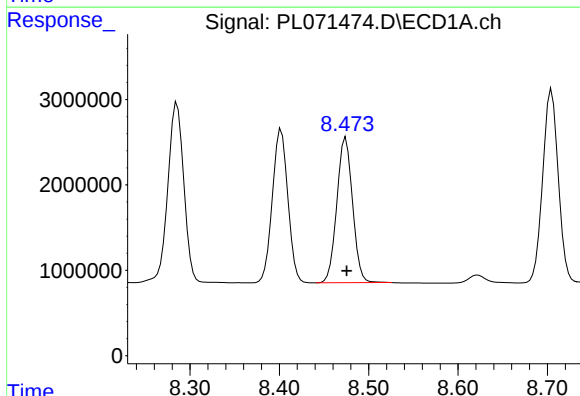
R.T.: 8.402 min  
Delta R.T.: 0.000 min  
Response: 21779494  
Conc: 42.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



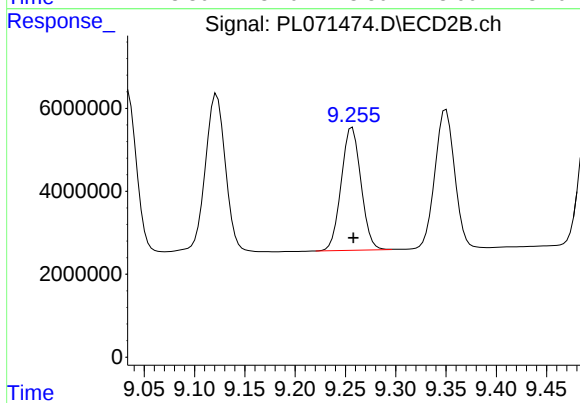
#17 4,4'-DDT

R.T.: 9.350 min  
Delta R.T.: 0.000 min  
Response: 45570108  
Conc: 46.08 ng/ml



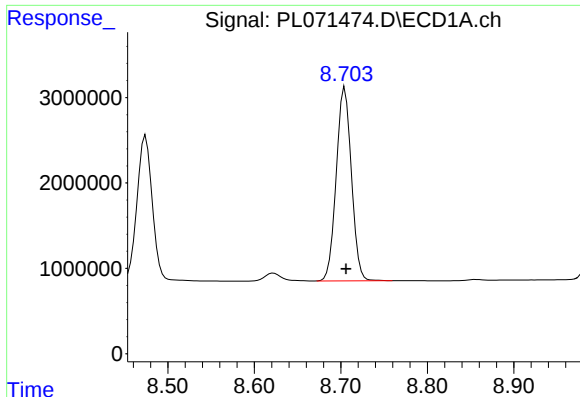
#18 Endrin aldehyde

R.T.: 8.474 min  
Delta R.T.: -0.001 min  
Response: 20776768  
Conc: 48.86 ng/ml



#18 Endrin aldehyde

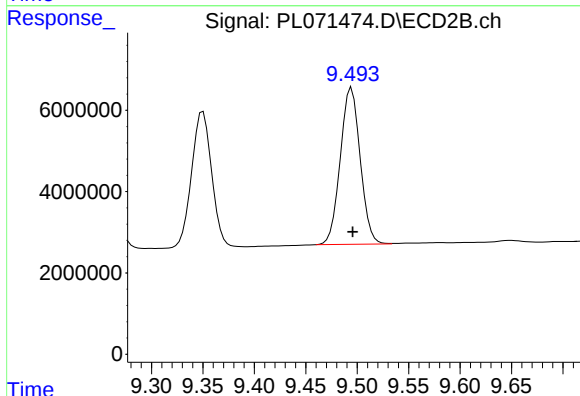
R.T.: 9.257 min  
Delta R.T.: -0.001 min  
Response: 40326373  
Conc: 53.54 ng/ml



#19 Endosulfan Sulfate

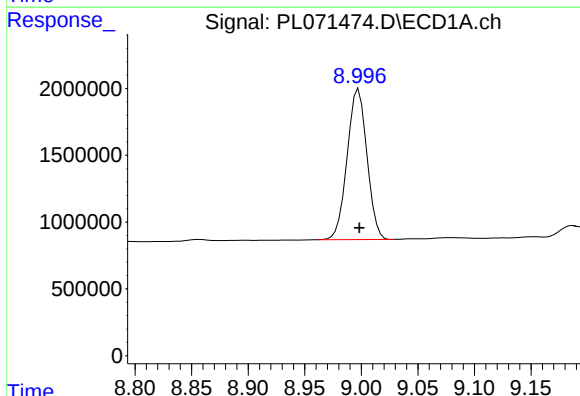
R.T.: 8.705 min  
Delta R.T.: -0.001 min  
Response: 27465510  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



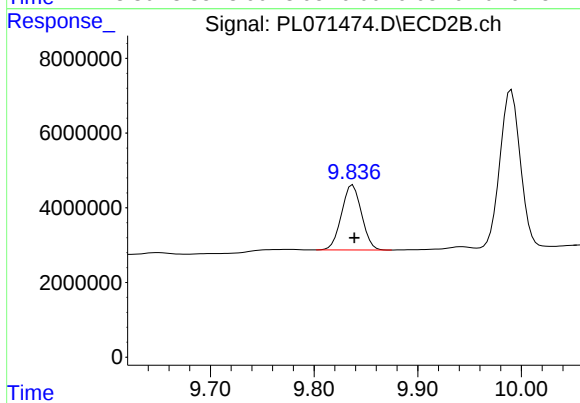
#19 Endosulfan Sulfate

R.T.: 9.495 min  
Delta R.T.: -0.001 min  
Response: 51868366  
Conc: 52.92 ng/ml



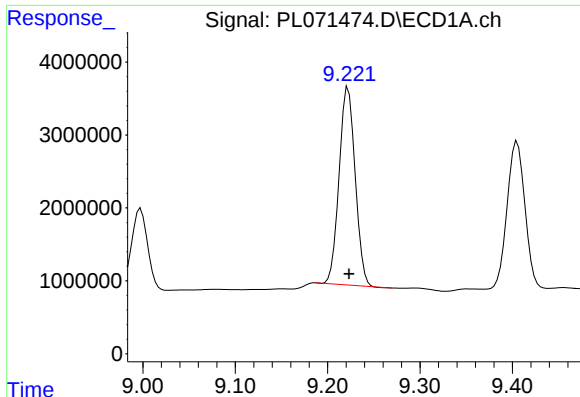
#20 Methoxychlor

R.T.: 8.998 min  
Delta R.T.: 0.000 min  
Response: 13748318  
Conc: 42.45 ng/ml



#20 Methoxychlor

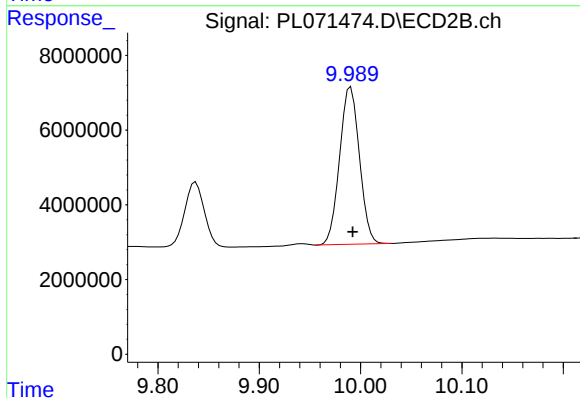
R.T.: 9.837 min  
Delta R.T.: -0.002 min  
Response: 23339720  
Conc: 46.50 ng/ml



#21 Endrin ketone

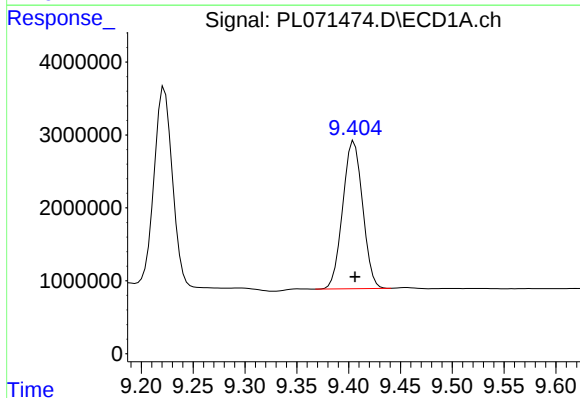
R.T.: 9.222 min  
Delta R.T.: -0.001 min  
Response: 32731979  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



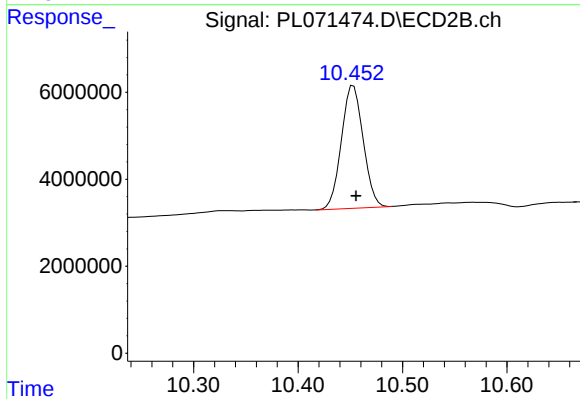
#21 Endrin ketone

R.T.: 9.990 min  
Delta R.T.: -0.002 min  
Response: 57075552  
Conc: 54.28 ng/ml



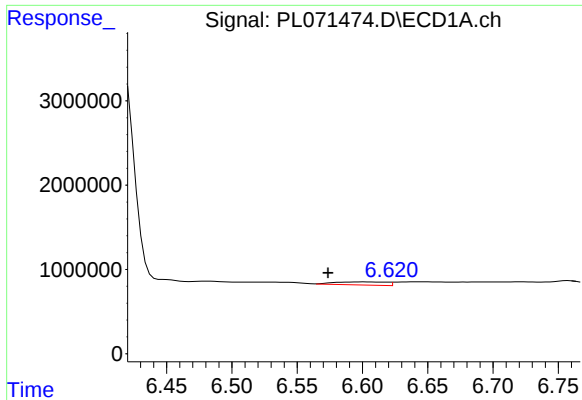
#22 Mirex

R.T.: 9.405 min  
Delta R.T.: -0.001 min  
Response: 27069393  
Conc: 46.66 ng/ml



#22 Mirex

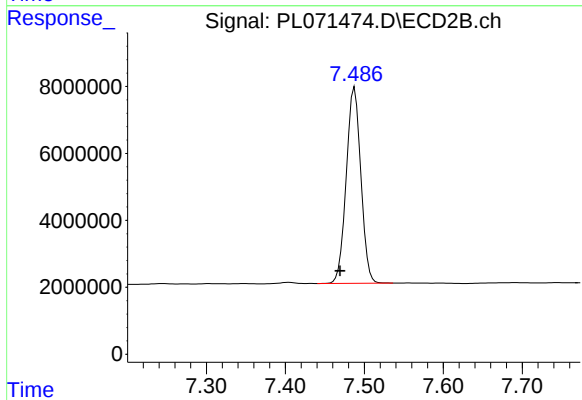
R.T.: 10.453 min  
Delta R.T.: -0.003 min  
Response: 40867955  
Conc: 50.78 ng/ml



#24 Chlordane-2

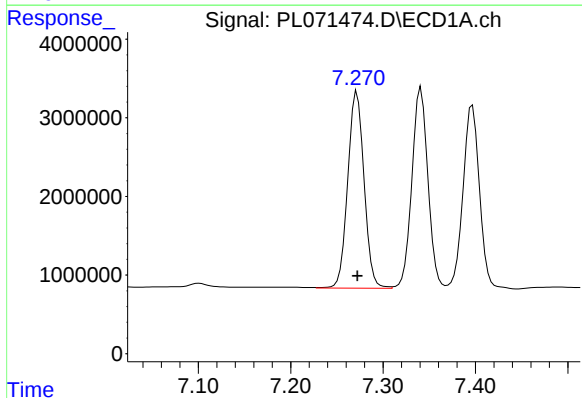
R.T.: 6.601 min  
Delta R.T.: 0.027 min  
Response: 1035930  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



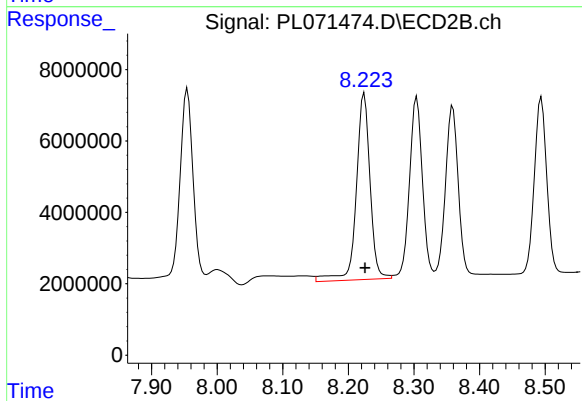
#24 Chlordane-2

R.T.: 7.488 min  
Delta R.T.: 0.018 min  
Response: 75274712  
Conc: 1596.19 ng/ml



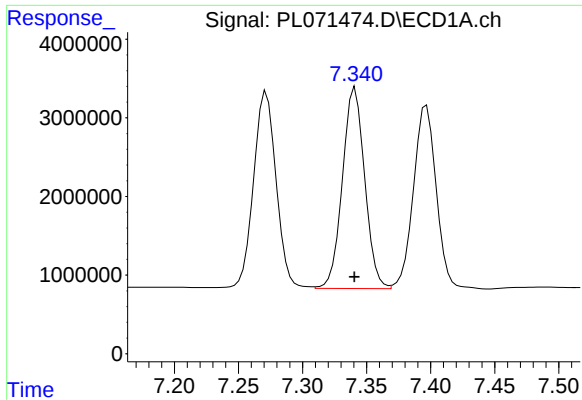
#25 Chlordane-3

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 30709452  
Conc: 529.99 ng/ml



#25 Chlordane-3

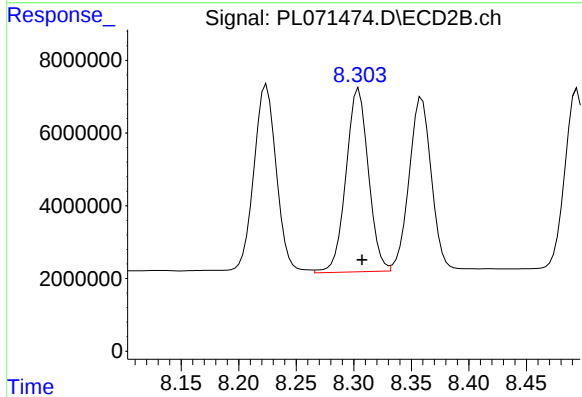
R.T.: 8.224 min  
Delta R.T.: -0.001 min  
Response: 76109542  
Conc: 434.77 ng/ml



#26 Chlordane-4

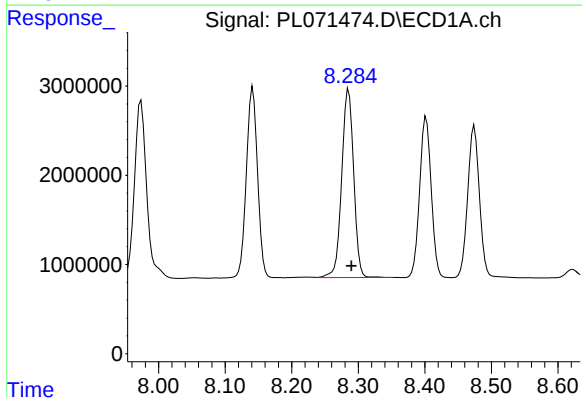
R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 30881899  
Conc: 497.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



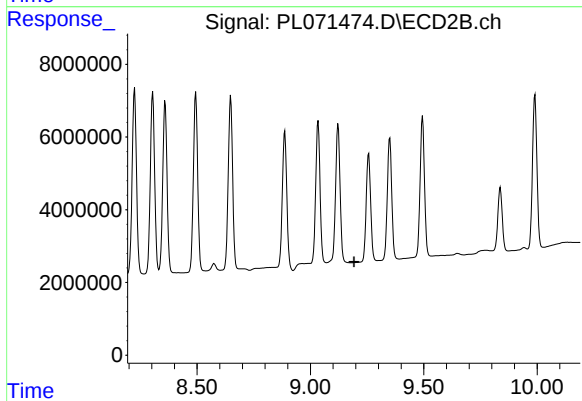
#26 Chlordane-4

R.T.: 8.304 min  
Delta R.T.: -0.003 min  
Response: 68723892  
Conc: 327.33 ng/ml



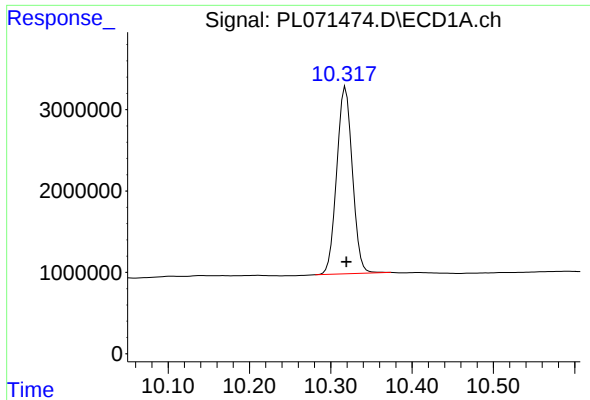
#27 Chlordane-5

R.T.: 8.286 min  
Delta R.T.: -0.004 min  
Response: 26350489  
Conc: 1232.18 ng/ml



#27 Chlordane-5

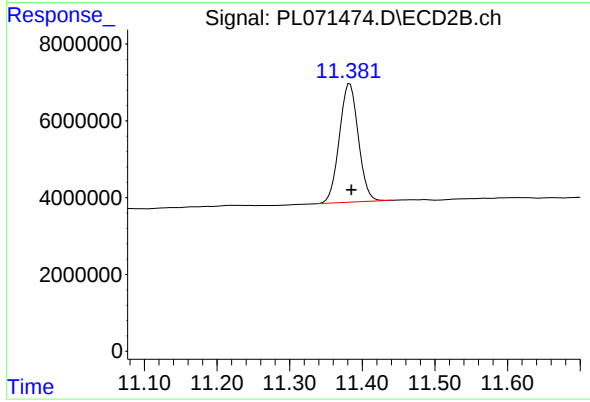
R.T.: 0.000 min  
Exp R.T. : 9.193 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.318 min  
Delta R.T.: 0.000 min  
Response: 30731764  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.383 min  
Delta R.T.: -0.002 min  
Response: 56089445  
Conc: 51.62 ng/ml