

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122321\  
 Data File : PL071603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2021 15:09  
 Operator : AR\AJ  
 Sample : M5202-02MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 01:01:50 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  | 5.497  | 9301908  | 23677926 | 19.624   | 19.876     |
| 28)                         | SA Decachlor... | 10.321 | 11.388 | 13571623 | 23189196 | 20.427   | 21.343     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.267  | 6.078  | 33079017 | 88658165 | 52.013   | 51.555     |
| 3)                          | MA gamma-BHC... | 5.689  | 6.474  | 32364465 | 82180668 | 49.529   | 51.488     |
| 4)                          | MA Heptachlor   | 6.096  | 7.120  | 35037696 | 81396168 | 50.718   | 50.993     |
| 5)                          | MB Aldrin       | 6.419  | 7.490  | 33375194 | 80666304 | 54.200   | 55.230     |
| 6)                          | B beta-BHC      | 6.073  | 6.732  | 14341140 | 35730519 | 50.222   | 44.638     |
| 7)                          | B delta-BHC     | 6.332  | 6.998  | 31944046 | 74599587 | 51.075   | 48.824     |
| 8)                          | B Heptachlo...  | 6.997  | 7.957  | 32151703 | 72913533 | 52.531   | 54.356     |
| 9)                          | A Endosulfan I  | 7.399  | 8.362  | 30173146 | 65659999 | 51.973   | 54.706     |
| 10)                         | B gamma-Chl...  | 7.274  | 8.227  | 33128267 | 72919323 | 53.371   | 56.394     |
| 11)                         | B alpha-Chl...  | 7.344  | 8.307  | 32947687 | 71341836 | 52.825   | 56.150     |
| 12)                         | B 4,4'-DDE      | 7.558  | 8.497  | 29935961 | 69375192 | 54.854   | 58.241     |
| 13)                         | MA Dieldrin     | 7.685  | 8.651  | 32228368 | 70425220 | 55.034   | 57.925     |
| 14)                         | MA Endrin       | 7.976  | 8.890  | 27219627 | 53452371 | 49.696   | 52.761     |
| 15)                         | B Endosulfa...  | 8.288  | 9.125  | 30108144 | 61023410 | 55.242   | 60.471     |
| 16)                         | A 4,4'-DDD      | 8.145  | 9.036  | 26266408 | 56043595 | 55.806   | 63.491     |
| 17)                         | MA 4,4'-DDT     | 8.405  | 9.353  | 23682651 | 48877958 | 46.405   | 49.429     |
| 18)                         | B Endrin al...  | 8.476  | 9.260  | 24280540 | 47476406 | 57.097   | 63.028     |
| 19)                         | B Endosulfa...  | 8.707  | 9.498  | 29732350 | 55353250 | 51.788   | 56.477     |
| 20)                         | A Methoxychlor  | 9.000  | 9.841  | 14940477 | 25013075 | 46.127   | 49.830     |
| 21)                         | B Endrin ke...  | 9.226  | 9.994  | 36624530 | 61541201 | 55.529   | 58.523     |
| 22)                         | Mirex           | 9.408  | 10.458 | 32099262 | 48570951 | 55.327   | 60.348     |
| 24)                         | Chlordane-2     | 0.000  | 7.490f | 0        | 80666304 | N.D.     | 1710.513 # |
| 25)                         | Chlordane-3     | 7.274  | 8.227  | 33128267 | 72919323 | 571.733  | 416.549 #  |
| 26)                         | Chlordane-4     | 7.344  | 8.307  | 32947687 | 71341836 | 530.775  | 339.798 #  |
| 27)                         | Chlordane-5     | 8.288  | 0.000  | 30108144 | 0        | 1407.887 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

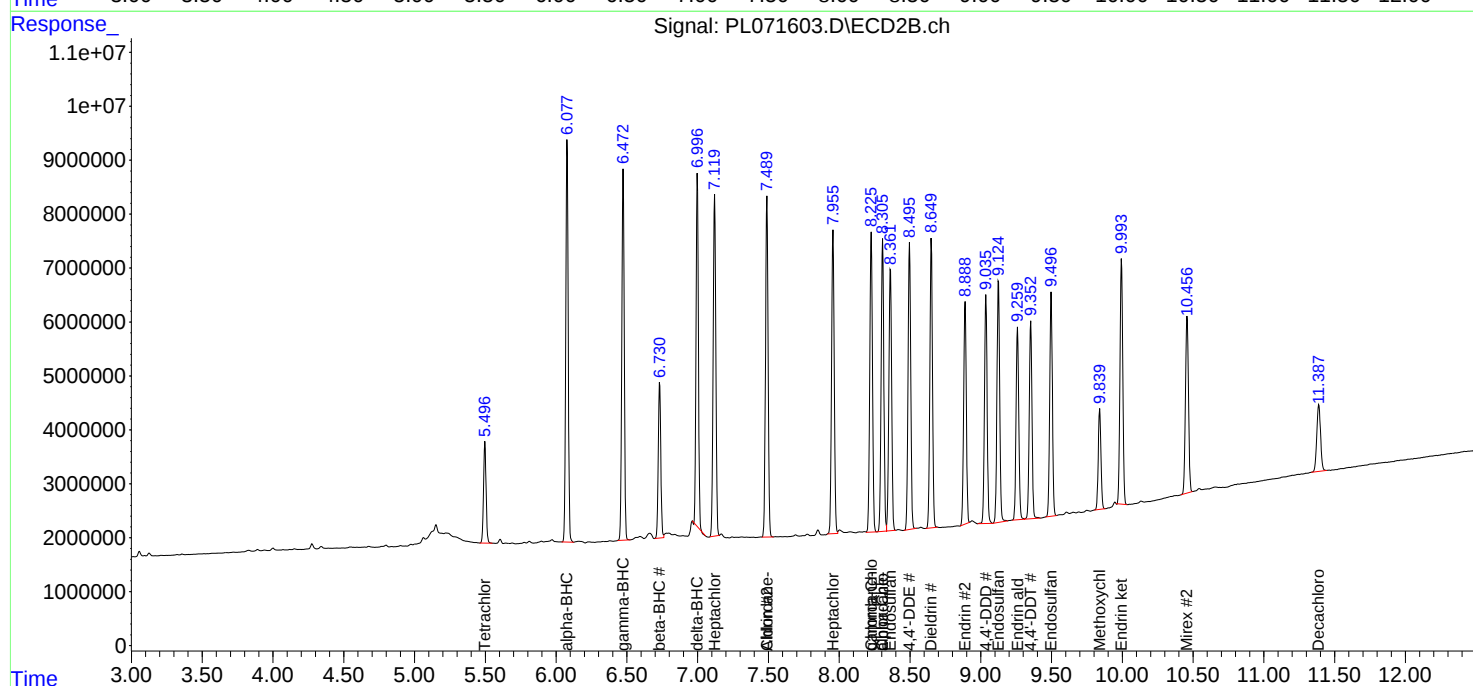
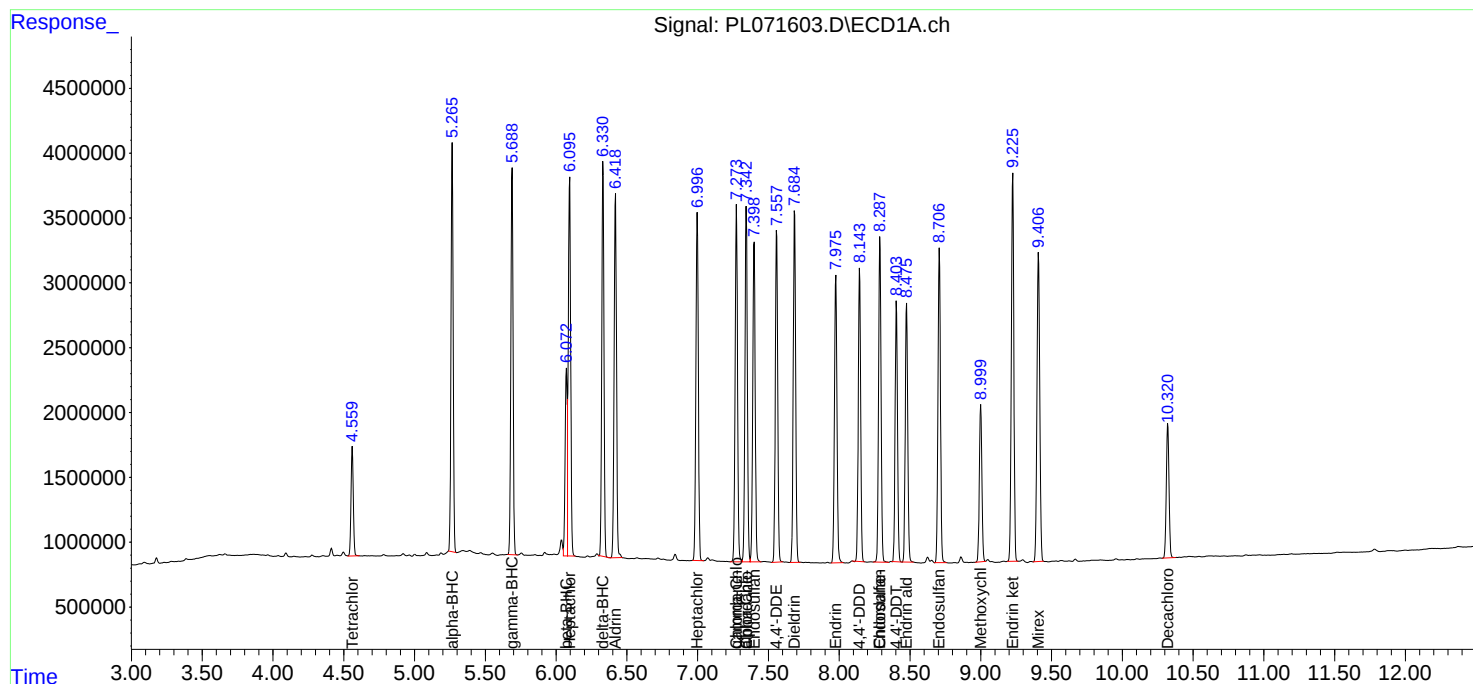
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

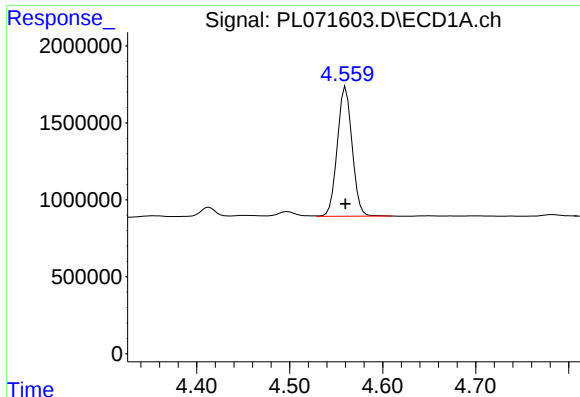
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122321\  
 Data File : PL071603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2021 15:09  
 Operator : AR\AJ  
 Sample : M5202-02MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 01:01:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
 Quant Title : GC Extractables  
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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

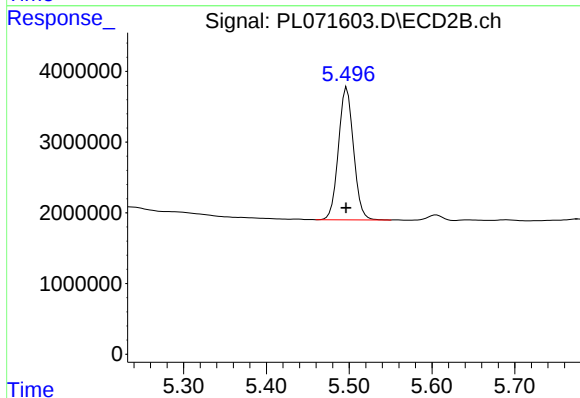




#1 Tetrachloro-m-xylene

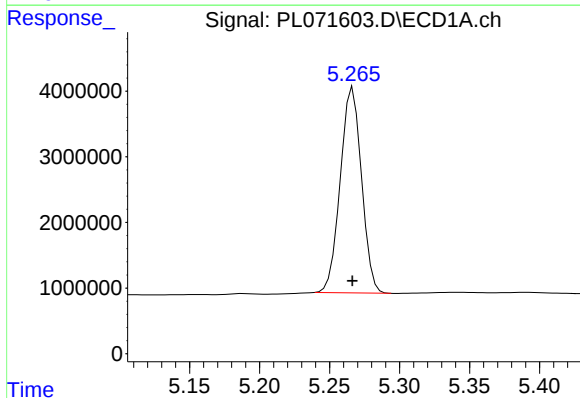
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 9301908  
Conc: 19.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



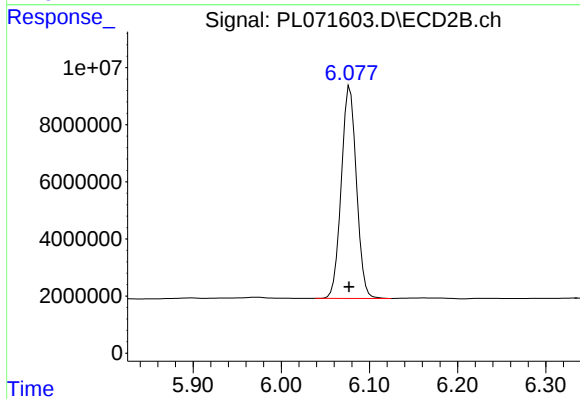
#1 Tetrachloro-m-xylene

R.T.: 5.497 min  
Delta R.T.: 0.000 min  
Response: 23677926  
Conc: 19.88 ng/ml



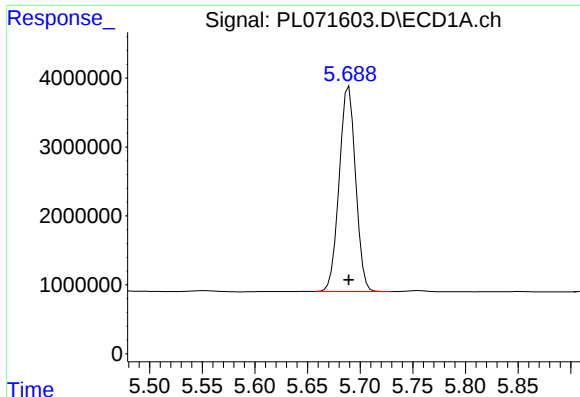
#2 alpha-BHC

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 33079017  
Conc: 52.01 ng/ml



#2 alpha-BHC

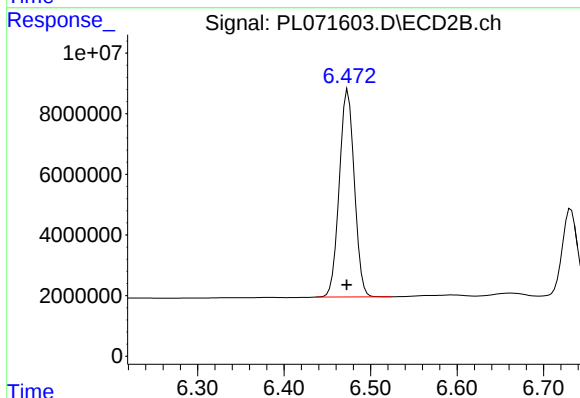
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 88658165  
Conc: 51.55 ng/ml



#3 gamma-BHC (Lindane)

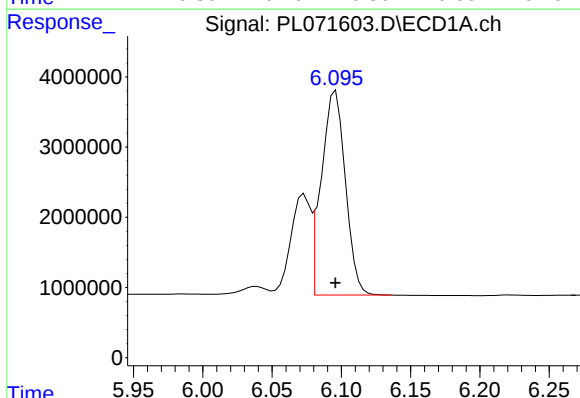
R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 32364465  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



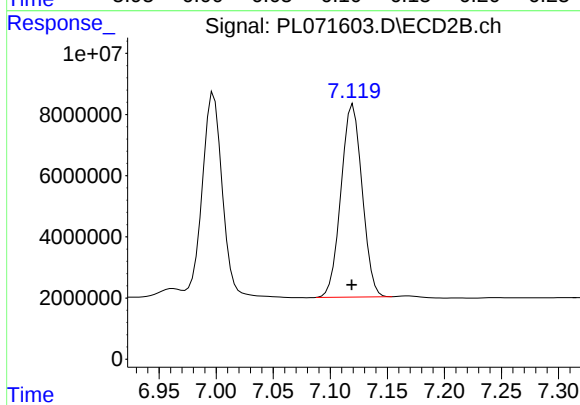
#3 gamma-BHC (Lindane)

R.T.: 6.474 min  
Delta R.T.: 0.001 min  
Response: 82180668  
Conc: 51.49 ng/ml



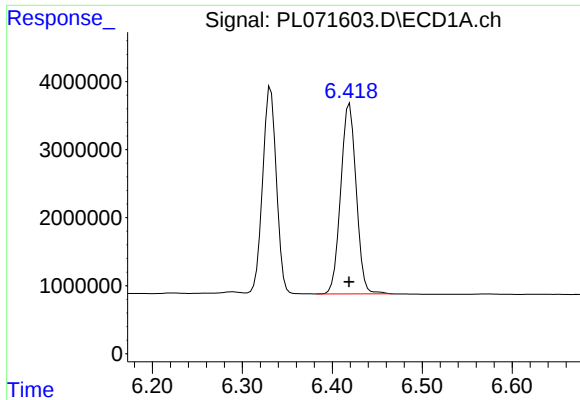
#4 Heptachlor

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 35037696  
Conc: 50.72 ng/ml



#4 Heptachlor

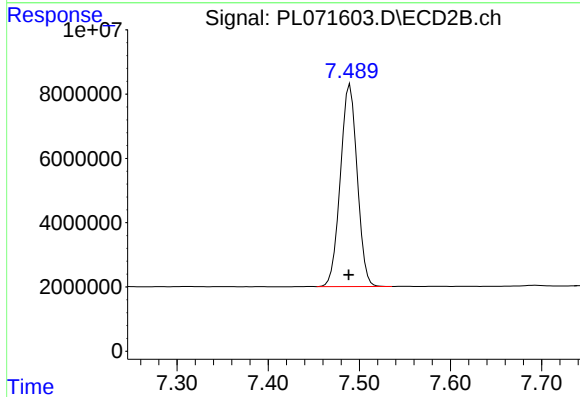
R.T.: 7.120 min  
Delta R.T.: 0.001 min  
Response: 81396168  
Conc: 50.99 ng/ml



#5 Aldrin

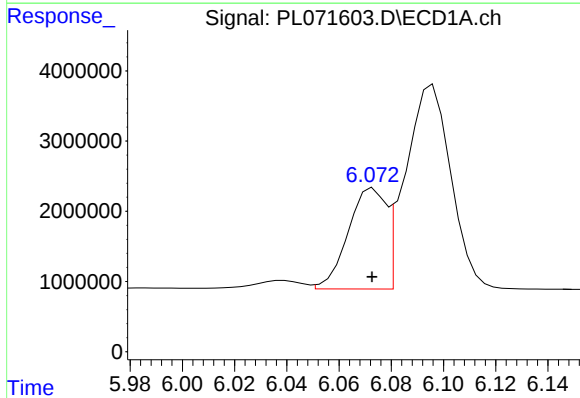
R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 33375194  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



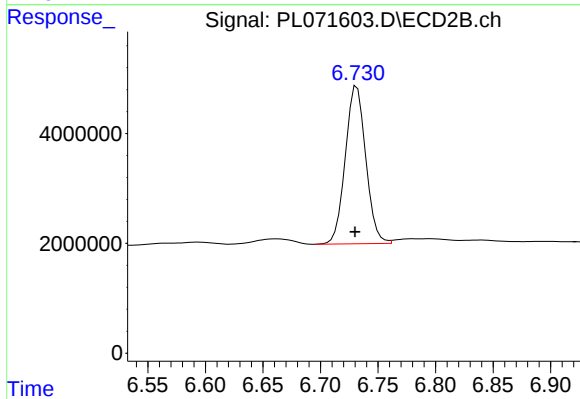
#5 Aldrin

R.T.: 7.490 min  
Delta R.T.: 0.002 min  
Response: 80666304  
Conc: 55.23 ng/ml



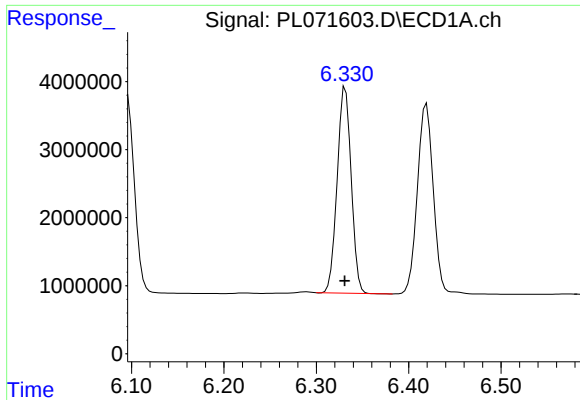
#6 beta-BHC

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 14341140  
Conc: 50.22 ng/ml



#6 beta-BHC

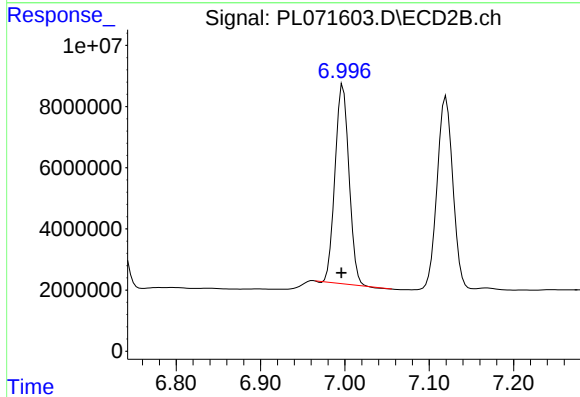
R.T.: 6.732 min  
Delta R.T.: 0.002 min  
Response: 35730519  
Conc: 44.64 ng/ml



#7 delta-BHC

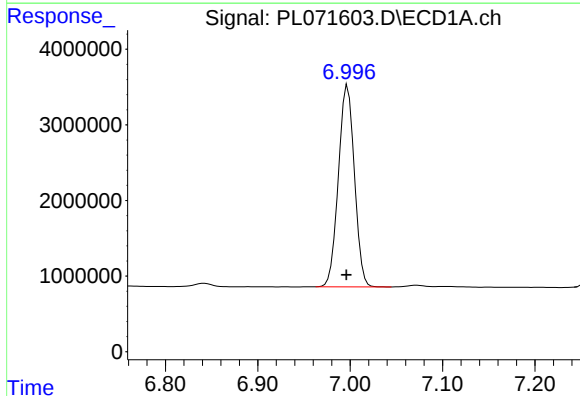
R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 31944046  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



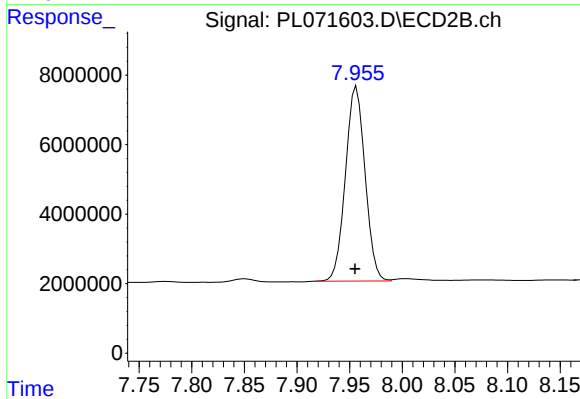
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: 0.002 min  
Response: 74599587  
Conc: 48.82 ng/ml



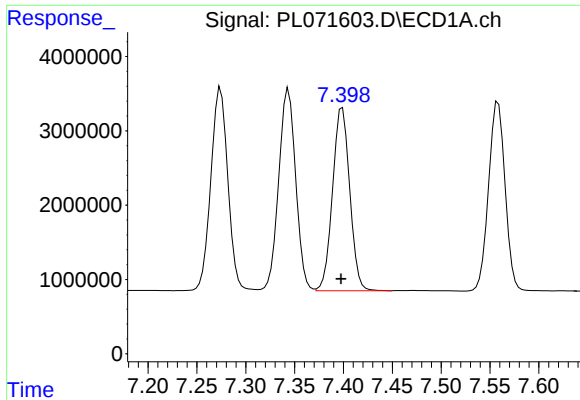
#8 Heptachlor epoxide

R.T.: 6.997 min  
Delta R.T.: 0.001 min  
Response: 32151703  
Conc: 52.53 ng/ml



#8 Heptachlor epoxide

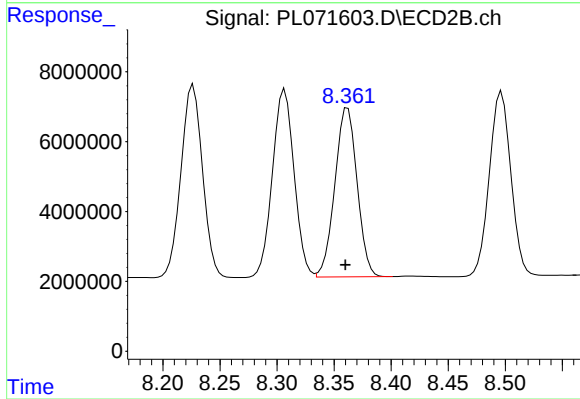
R.T.: 7.957 min  
Delta R.T.: 0.001 min  
Response: 72913533  
Conc: 54.36 ng/ml



#9 Endosulfan I

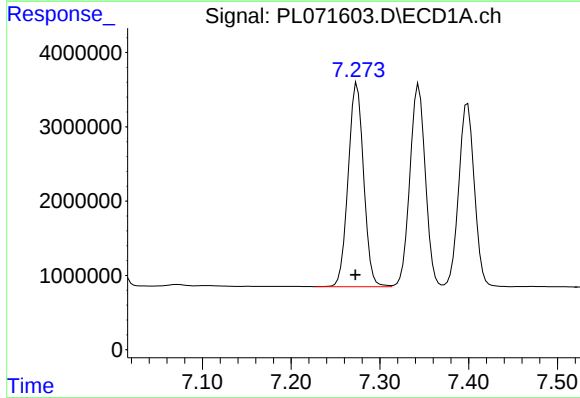
R.T.: 7.399 min  
Delta R.T.: 0.001 min  
Response: 30173146  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



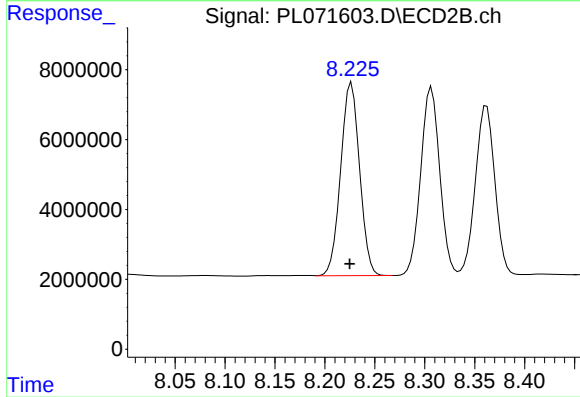
#9 Endosulfan I

R.T.: 8.362 min  
Delta R.T.: 0.002 min  
Response: 65659999  
Conc: 54.71 ng/ml



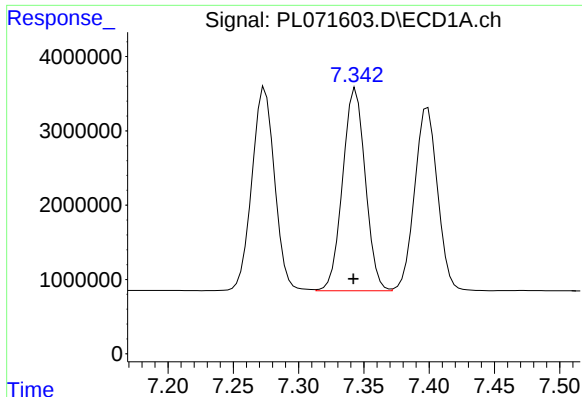
#10 gamma-Chlordane

R.T.: 7.274 min  
Delta R.T.: 0.002 min  
Response: 33128267  
Conc: 53.37 ng/ml



#10 gamma-Chlordane

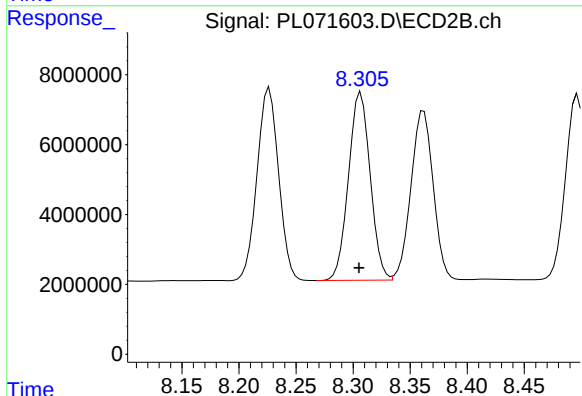
R.T.: 8.227 min  
Delta R.T.: 0.002 min  
Response: 72919323  
Conc: 56.39 ng/ml



#11 alpha-Chlordane

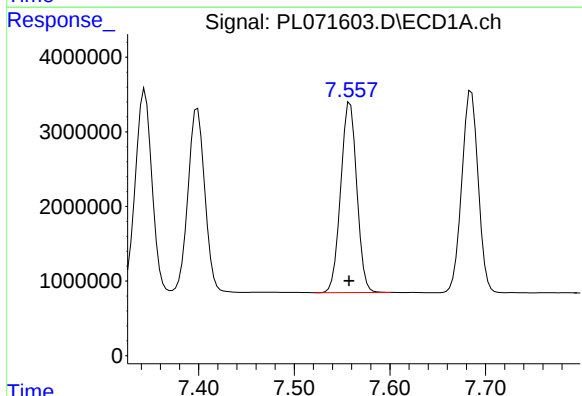
R.T.: 7.344 min  
Delta R.T.: 0.002 min  
Response: 32947687  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



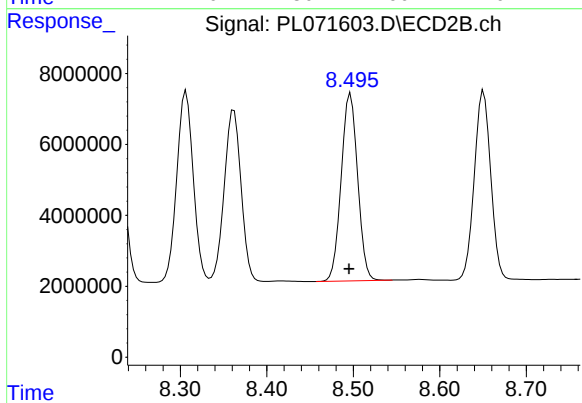
#11 alpha-Chlordane

R.T.: 8.307 min  
Delta R.T.: 0.001 min  
Response: 71341836  
Conc: 56.15 ng/ml



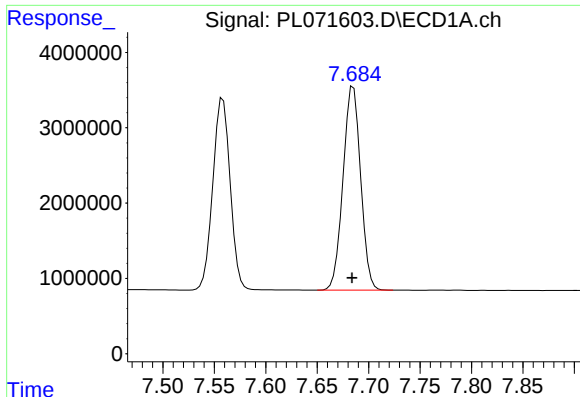
#12 4,4'-DDE

R.T.: 7.558 min  
Delta R.T.: 0.001 min  
Response: 29935961  
Conc: 54.85 ng/ml



#12 4,4'-DDE

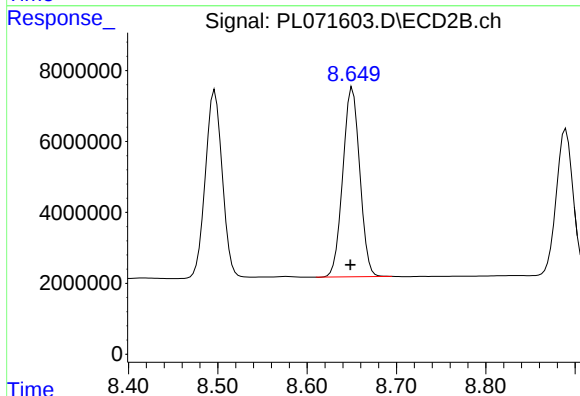
R.T.: 8.497 min  
Delta R.T.: 0.002 min  
Response: 69375192  
Conc: 58.24 ng/ml



#13 Dieldrin

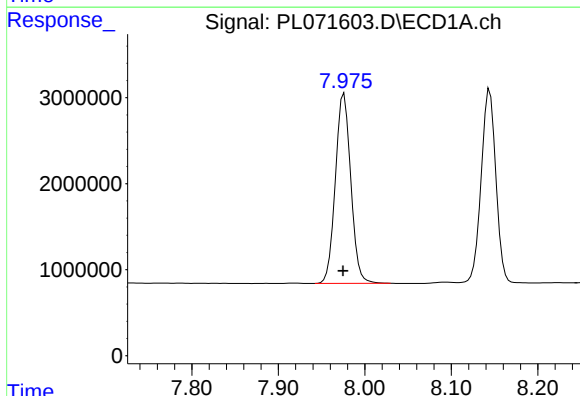
R.T.: 7.685 min  
Delta R.T.: 0.001 min  
Response: 32228368  
Conc: 55.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



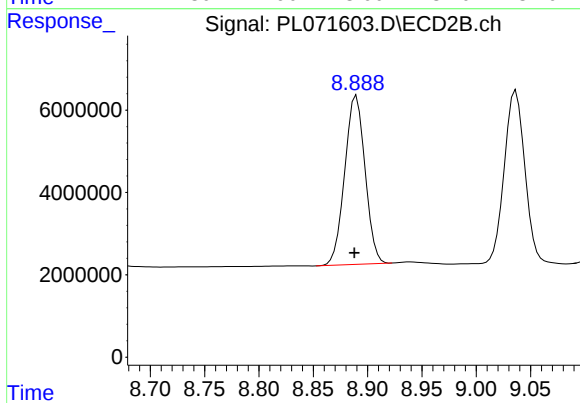
#13 Dieldrin

R.T.: 8.651 min  
Delta R.T.: 0.002 min  
Response: 70425220  
Conc: 57.92 ng/ml



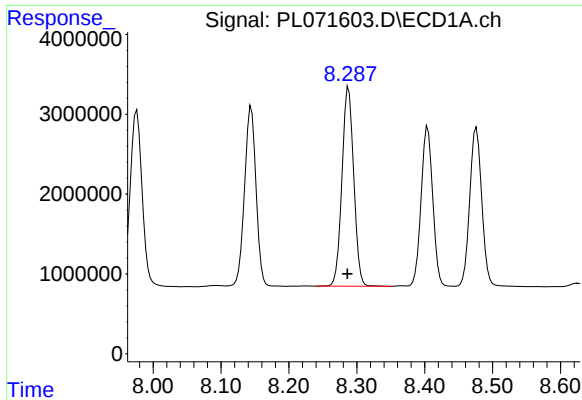
#14 Endrin

R.T.: 7.976 min  
Delta R.T.: 0.001 min  
Response: 27219627  
Conc: 49.70 ng/ml



#14 Endrin

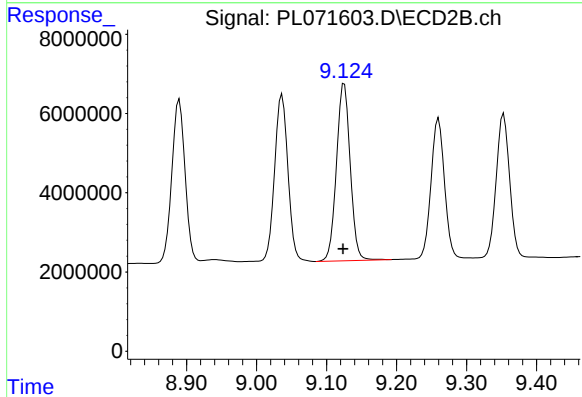
R.T.: 8.890 min  
Delta R.T.: 0.002 min  
Response: 53452371  
Conc: 52.76 ng/ml



#15 Endosulfan II

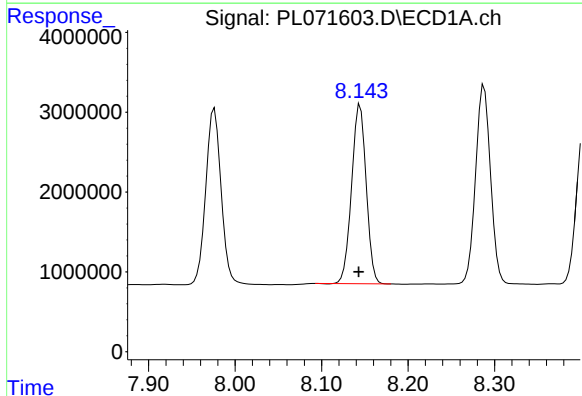
R.T.: 8.288 min  
Delta R.T.: 0.002 min  
Response: 30108144  
Conc: 55.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



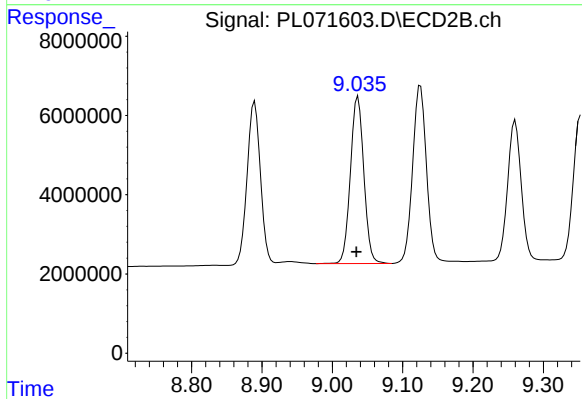
#15 Endosulfan II

R.T.: 9.125 min  
Delta R.T.: 0.002 min  
Response: 61023410  
Conc: 60.47 ng/ml



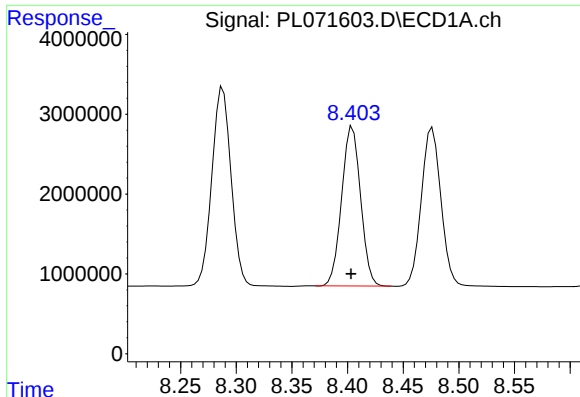
#16 4,4'-DDD

R.T.: 8.145 min  
Delta R.T.: 0.002 min  
Response: 26266408  
Conc: 55.81 ng/ml



#16 4,4'-DDD

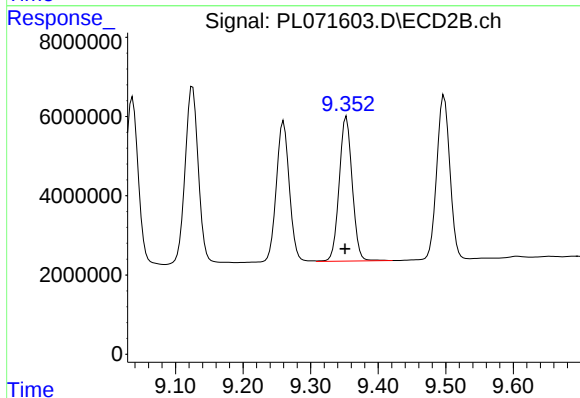
R.T.: 9.036 min  
Delta R.T.: 0.002 min  
Response: 56043595  
Conc: 63.49 ng/ml



#17 4,4'-DDT

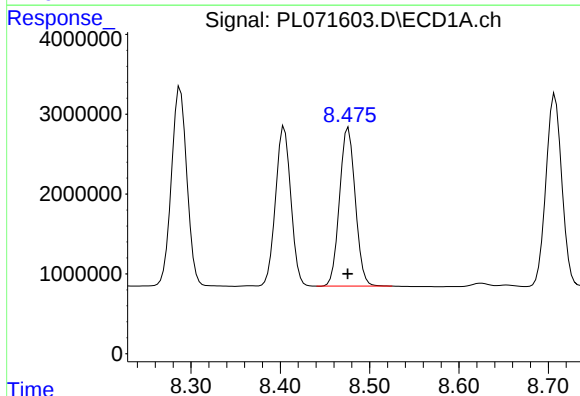
R.T.: 8.405 min  
Delta R.T.: 0.001 min  
Response: 23682651  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



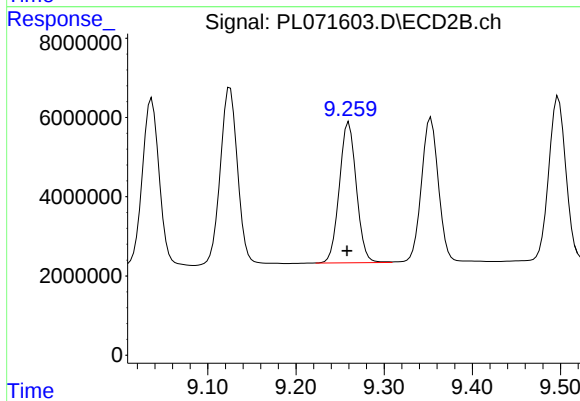
#17 4,4'-DDT

R.T.: 9.353 min  
Delta R.T.: 0.002 min  
Response: 48877958  
Conc: 49.43 ng/ml



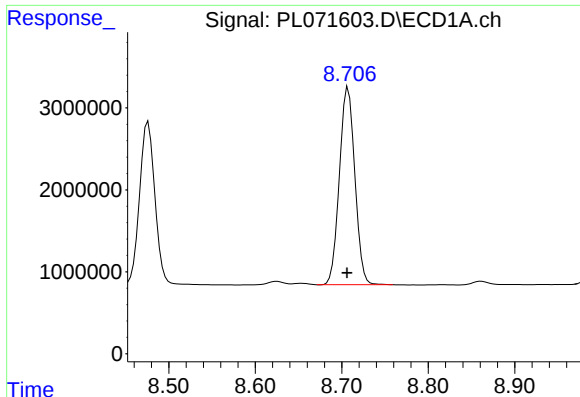
#18 Endrin aldehyde

R.T.: 8.476 min  
Delta R.T.: 0.000 min  
Response: 24280540  
Conc: 57.10 ng/ml



#18 Endrin aldehyde

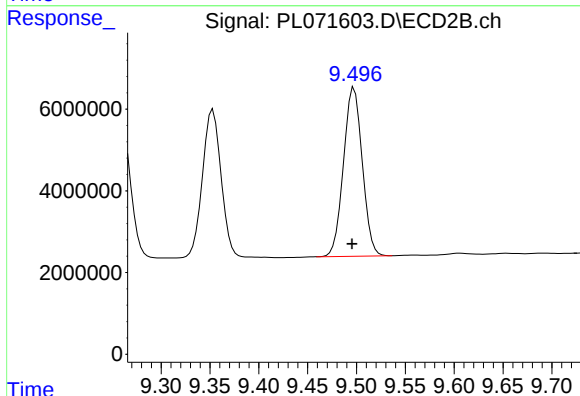
R.T.: 9.260 min  
Delta R.T.: 0.002 min  
Response: 47476406  
Conc: 63.03 ng/ml



#19 Endosulfan Sulfate

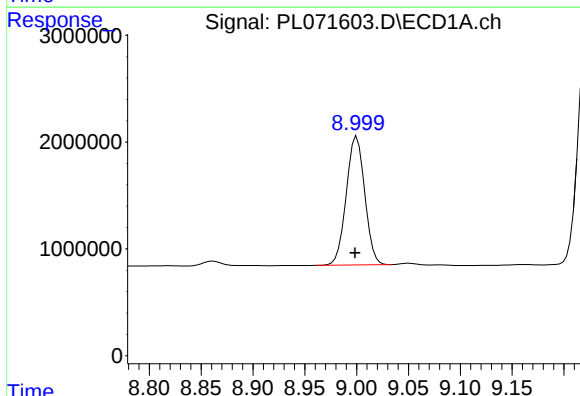
R.T.: 8.707 min  
Delta R.T.: 0.001 min  
Response: 29732350  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



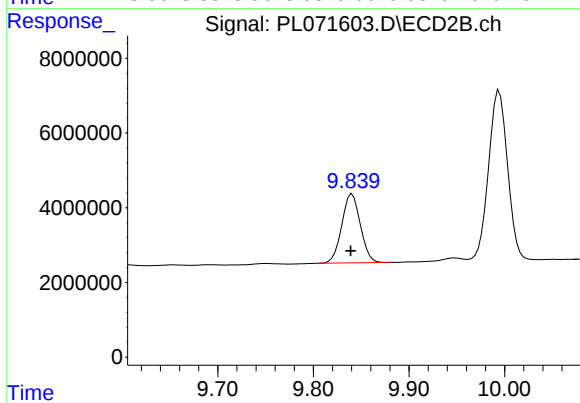
#19 Endosulfan Sulfate

R.T.: 9.498 min  
Delta R.T.: 0.002 min  
Response: 55353250  
Conc: 56.48 ng/ml



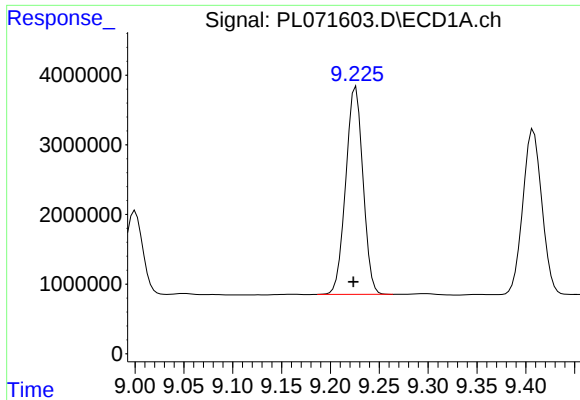
#20 Methoxychlor

R.T.: 9.000 min  
Delta R.T.: 0.002 min  
Response: 14940477  
Conc: 46.13 ng/ml



#20 Methoxychlor

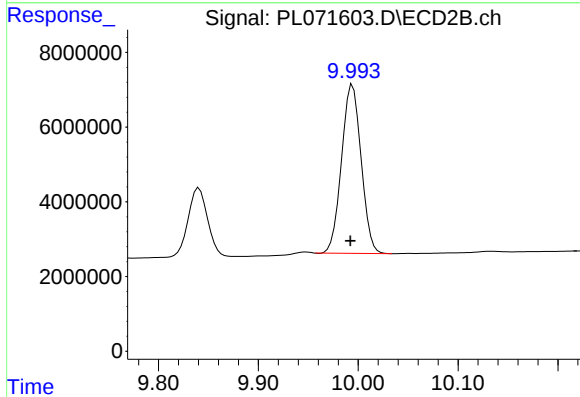
R.T.: 9.841 min  
Delta R.T.: 0.001 min  
Response: 25013075  
Conc: 49.83 ng/ml



#21 Endrin ketone

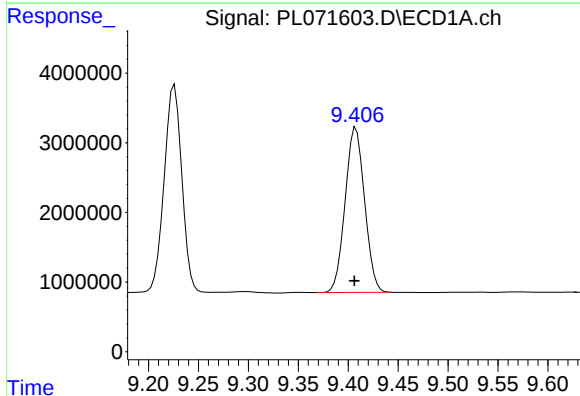
R.T.: 9.226 min  
Delta R.T.: 0.003 min  
Response: 36624530  
Conc: 55.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



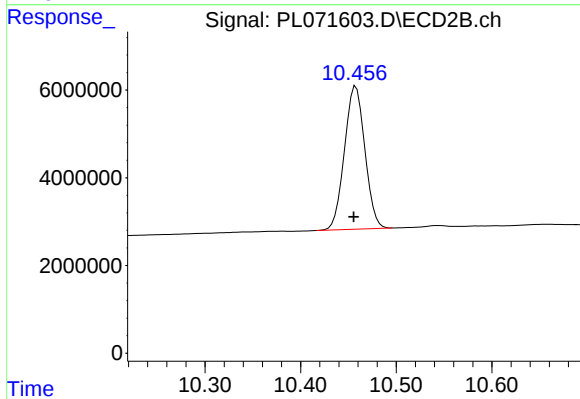
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: 0.002 min  
Response: 61541201  
Conc: 58.52 ng/ml



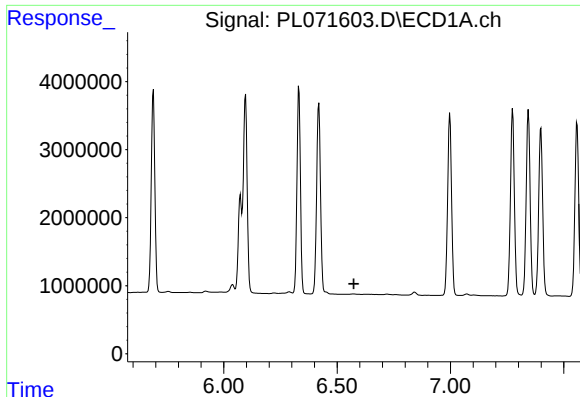
#22 Mirex

R.T.: 9.408 min  
Delta R.T.: 0.002 min  
Response: 32099262  
Conc: 55.33 ng/ml



#22 Mirex

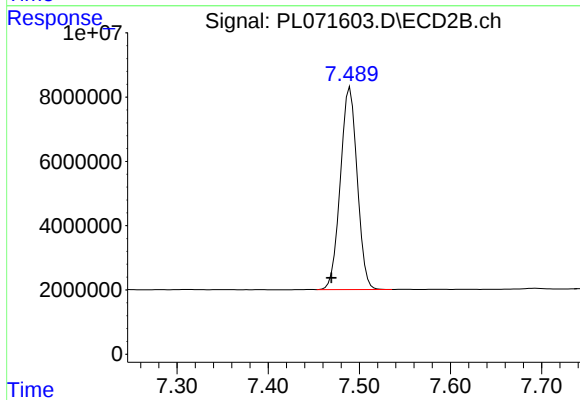
R.T.: 10.458 min  
Delta R.T.: 0.002 min  
Response: 48570951  
Conc: 60.35 ng/ml



#24 Chlordane-2

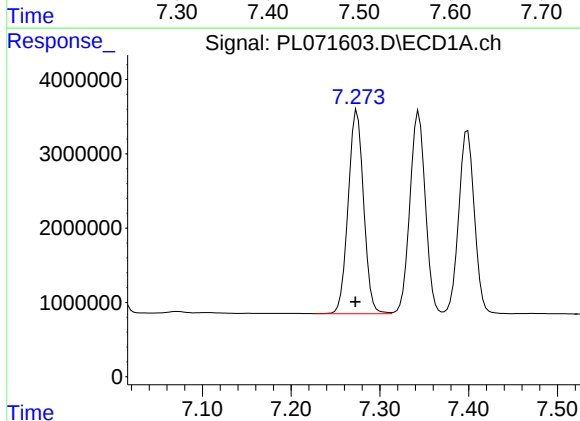
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



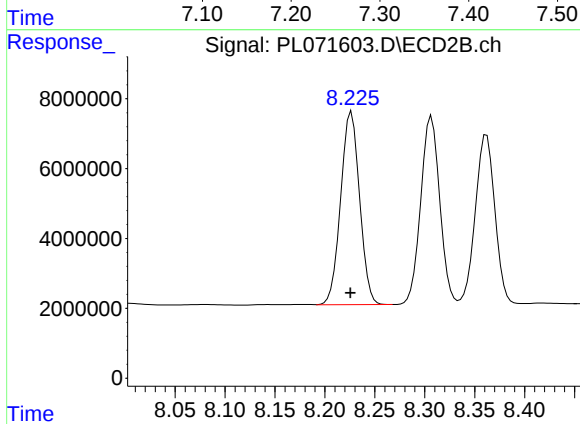
#24 Chlordane-2

R.T.: 7.490 min  
Delta R.T.: 0.021 min  
Response: 80666304  
Conc: 1710.51 ng/ml



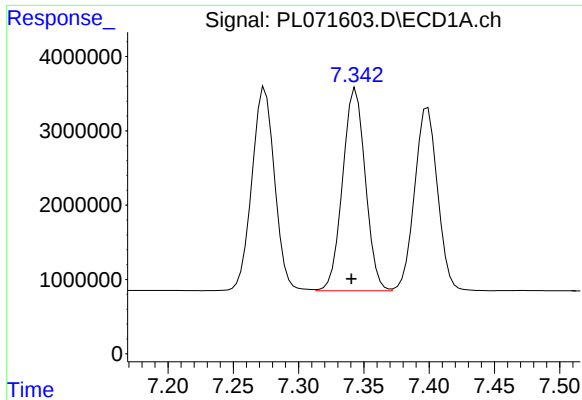
#25 Chlordane-3

R.T.: 7.274 min  
Delta R.T.: 0.002 min  
Response: 33128267  
Conc: 571.73 ng/ml



#25 Chlordane-3

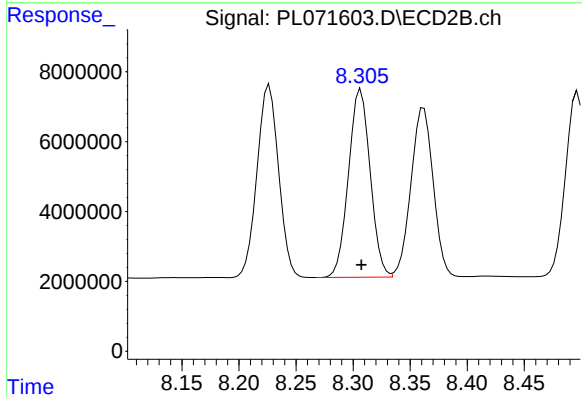
R.T.: 8.227 min  
Delta R.T.: 0.001 min  
Response: 72919323  
Conc: 416.55 ng/ml



#26 Chlordane-4

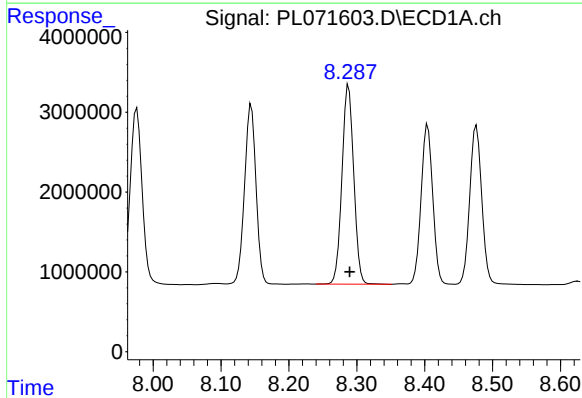
R.T.: 7.344 min  
Delta R.T.: 0.003 min  
Response: 32947687  
Conc: 530.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



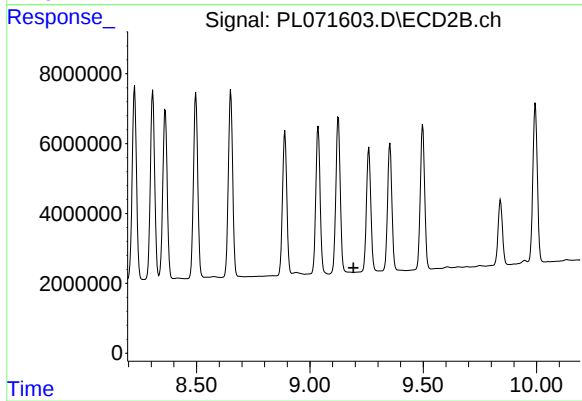
#26 Chlordane-4

R.T.: 8.307 min  
Delta R.T.: 0.000 min  
Response: 71341836  
Conc: 339.80 ng/ml



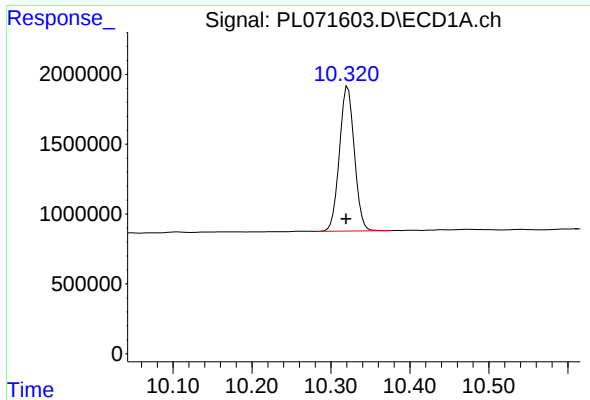
#27 Chlordane-5

R.T.: 8.288 min  
Delta R.T.: -0.002 min  
Response: 30108144  
Conc: 1407.89 ng/ml



#27 Chlordane-5

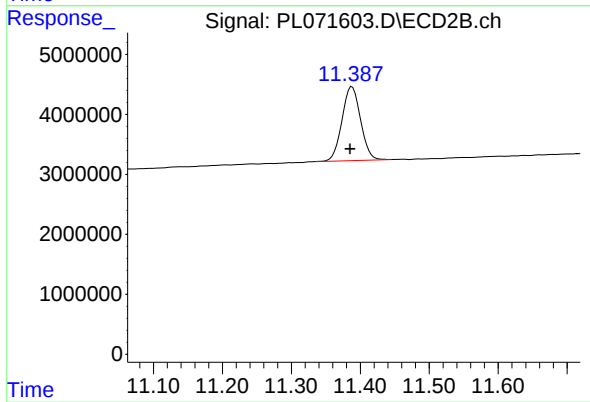
R.T.: 0.000 min  
Exp R.T. : 9.193 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.321 min  
Delta R.T.: 0.002 min  
Response: 13571623  
Conc: 20.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.388 min  
Delta R.T.: 0.003 min  
Response: 23189196  
Conc: 21.34 ng/ml