

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011222\  
 Data File : PL071950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jan 2022 16:08  
 Operator : AR\AJ  
 Sample : N1097-16MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 13 00:12:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010422.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 06 10:33:37 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... | 4.557  | 5.494  | 11056375 | 26075038 | 23.934   | 21.223     |
| 28)                         | SA Decachlor... | 10.320 | 11.387 | 13894844 | 28733118 | 19.218   | 24.247 #   |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.264  | 6.076  | 31939442 | 90848381 | 51.727   | 52.108     |
| 3)                          | MA gamma-BHC... | 5.687  | 6.472  | 31624187 | 79236528 | 51.952   | 48.984     |
| 4)                          | MA Heptachlor   | 6.093  | 7.118  | 29847998 | 71658545 | 43.722   | 44.719     |
| 5)                          | MB Aldrin       | 6.417  | 7.488  | 31815515 | 79176591 | 50.531   | 51.393     |
| 6)                          | B beta-BHC      | 6.071  | 6.730  | 13585828 | 33020979 | 50.213   | 46.215     |
| 7)                          | B delta-BHC     | 6.330  | 6.997  | 31118403 | 79119054 | 49.762   | 51.539     |
| 8)                          | B Heptachlo...  | 6.995  | 7.955  | 30994374 | 70882835 | 50.810   | 50.727     |
| 9)                          | A Endosulfan I  | 7.398  | 8.360  | 26643796 | 63062792 | 47.046   | 50.914     |
| 10)                         | B gamma-Chl...  | 7.272  | 8.225  | 35247842 | 83217582 | 56.848   | 60.858     |
| 11)                         | B alpha-Chl...  | 7.342  | 8.306  | 32249237 | 76245840 | 52.082   | 57.290     |
| 12)                         | B 4,4'-DDE      | 7.557  | 8.495  | 32462830 | 62795385 | 58.551   | 49.890     |
| 13)                         | MA Dieldrin     | 7.684  | 8.650  | 33437392 | 69227373 | 55.441   | 52.765     |
| 14)                         | MA Endrin       | 7.976  | 8.889  | 29773242 | 52837962 | 56.339   | 51.054     |
| 15)                         | B Endosulfa...  | 8.287  | 9.124  | 28797789 | 58471910 | 49.819   | 52.069     |
| 16)                         | A 4,4'-DDD      | 8.143  | 9.035  | 25068316 | 56672322 | 52.059   | 58.949     |
| 17)                         | MA 4,4'-DDT     | 8.403  | 9.352  | 27709166 | 62802784 | 58.059   | 66.597     |
| 18)                         | B Endrin al...  | 8.476  | 9.259  | 15647684 | 29532660 | 34.484   | 34.802     |
| 19)                         | B Endosulfa...  | 8.707  | 9.497  | 27107275 | 53727669 | 46.358   | 51.718     |
| 20)                         | A Methoxychlor  | 9.000  | 9.840  | 16354528 | 24037108 | 52.842   | 48.814     |
| 21)                         | B Endrin ke...  | 9.225  | 9.994  | 28153147 | 55225561 | 40.625   | 48.936     |
| 22)                         | Mirex           | 9.407  | 10.457 | 29825333 | 47595117 | 49.719   | 55.402     |
| 23)                         | Chlordane-1     | 5.882  | 6.876  | 427830   | 263855   | 23.819   | 5.327 #    |
| 24)                         | Chlordane-2     | 6.587f | 7.488f | 159774   | 79176591 | 6.647    | 1462.770 # |
| 25)                         | Chlordane-3     | 7.272  | 8.225  | 35247842 | 83217582 | 542.443  | 407.706    |
| 26)                         | Chlordane-4     | 7.342  | 8.306  | 32249237 | 76245840 | 459.199  | 313.228 #  |
| 27)                         | Chlordane-5     | 8.287  | 9.180  | 28797789 | 485273   | 1206.253 | 12.118 #   |
| -----                       |                 |        |        |          |          |          |            |

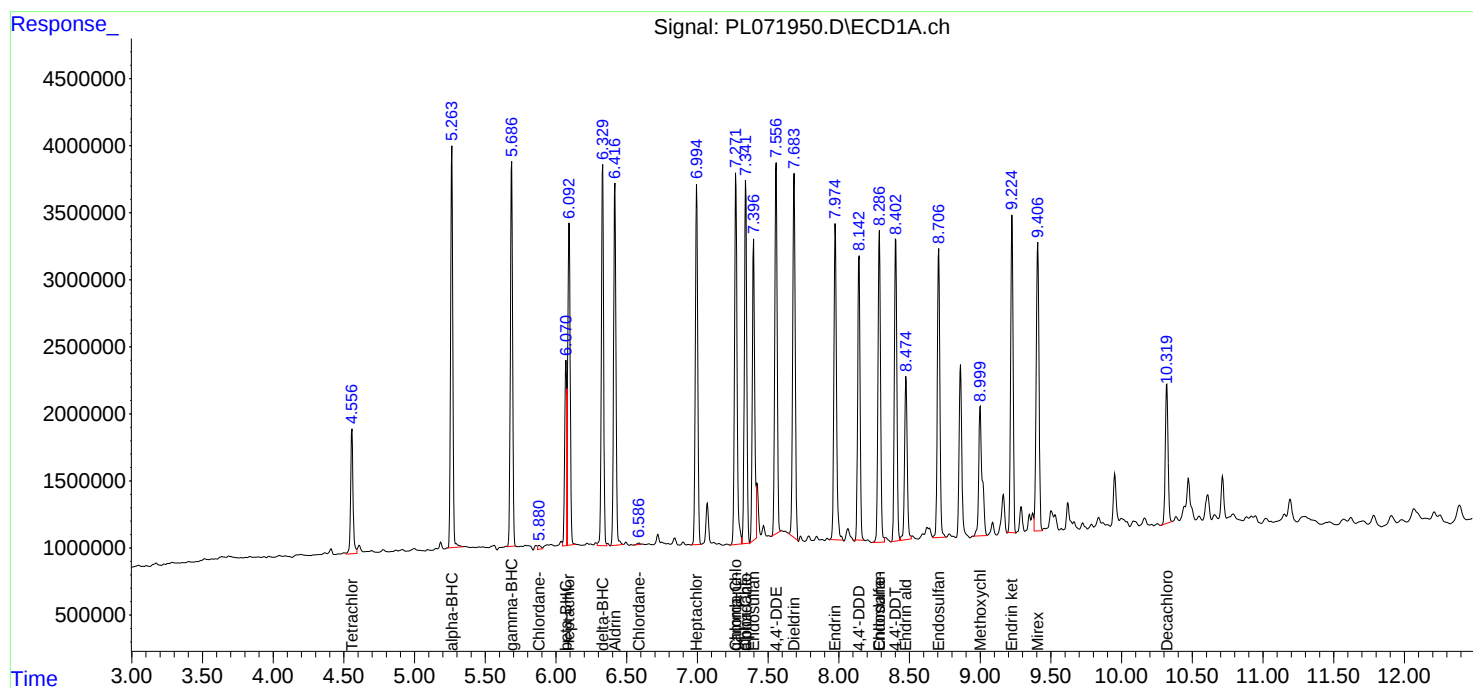
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

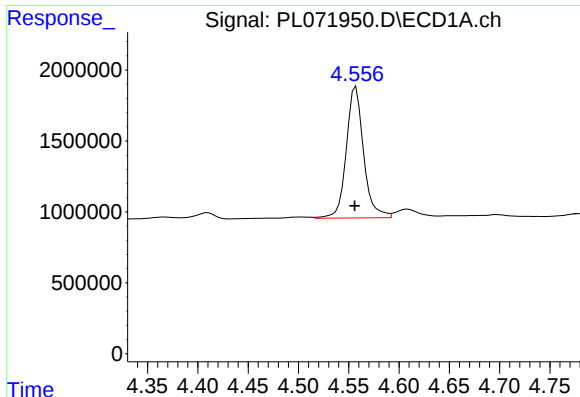
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011222\  
Data File : PL071950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jan 2022 16:08  
Operator : AR\AJ  
Sample : N1097-16MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 13 00:12:43 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010422.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 06 10:33:37 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

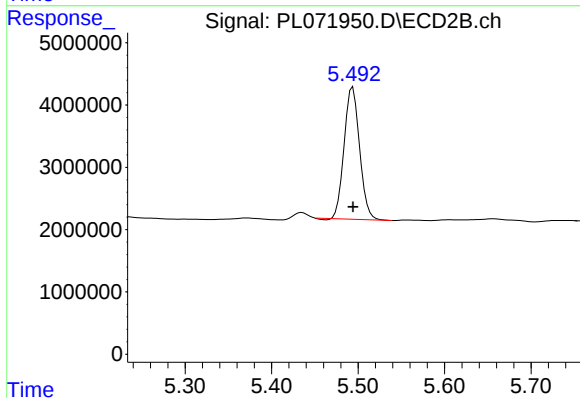




#1 Tetrachloro-m-xylene

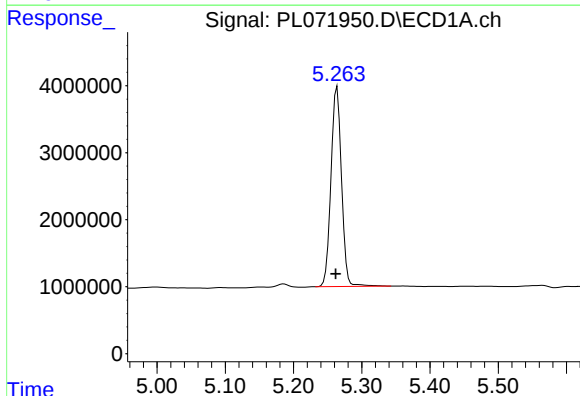
R.T.: 4.557 min  
Delta R.T.: 0.001 min  
Response: 11056375  
Conc: 23.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



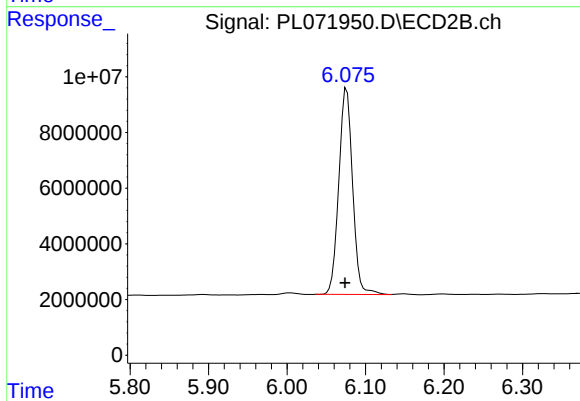
#1 Tetrachloro-m-xylene

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 26075038  
Conc: 21.22 ng/ml



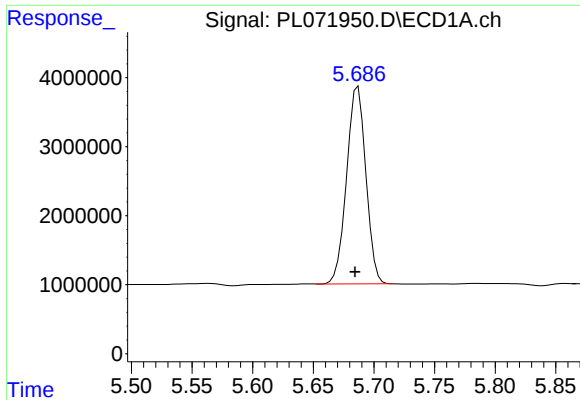
#2 alpha-BHC

R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 31939442  
Conc: 51.73 ng/ml



#2 alpha-BHC

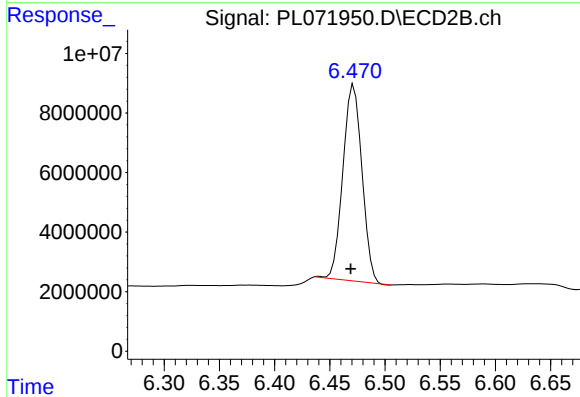
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 90848381  
Conc: 52.11 ng/ml



#3 gamma-BHC (Lindane)

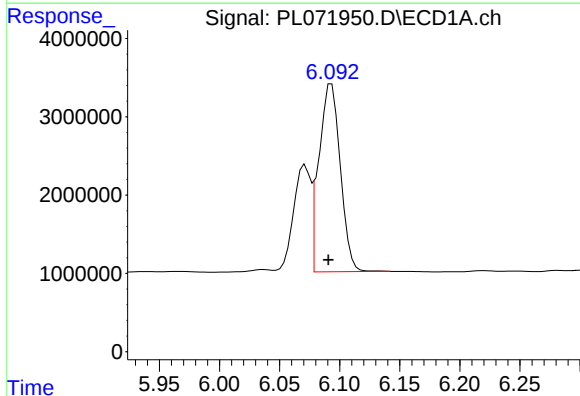
R.T.: 5.687 min  
Delta R.T.: 0.002 min  
Response: 31624187  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



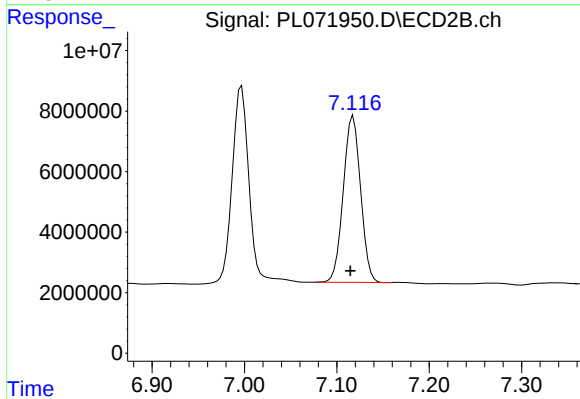
#3 gamma-BHC (Lindane)

R.T.: 6.472 min  
Delta R.T.: 0.003 min  
Response: 79236528  
Conc: 48.98 ng/ml



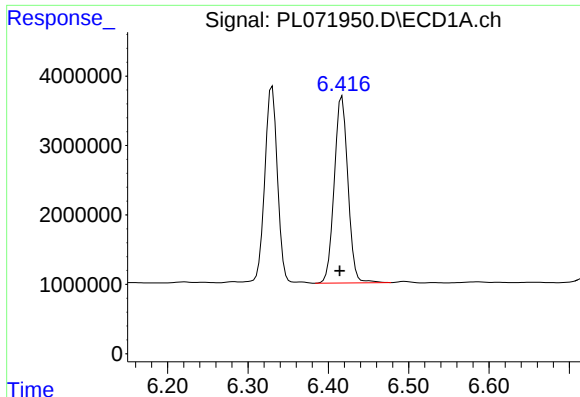
#4 Heptachlor

R.T.: 6.093 min  
Delta R.T.: 0.003 min  
Response: 29847998  
Conc: 43.72 ng/ml



#4 Heptachlor

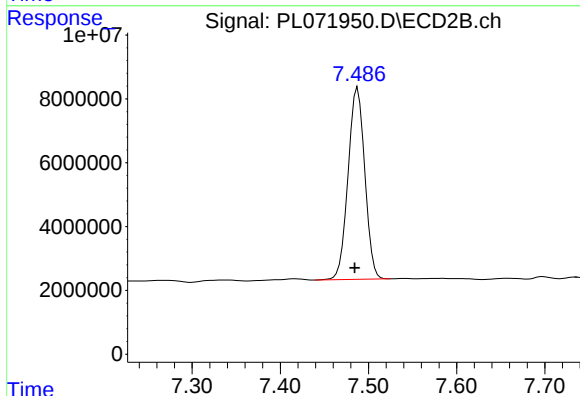
R.T.: 7.118 min  
Delta R.T.: 0.003 min  
Response: 71658545  
Conc: 44.72 ng/ml



#5 Aldrin

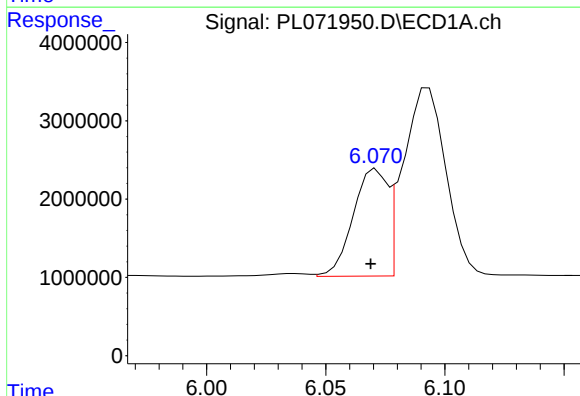
R.T.: 6.417 min  
Delta R.T.: 0.003 min  
Response: 31815515  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



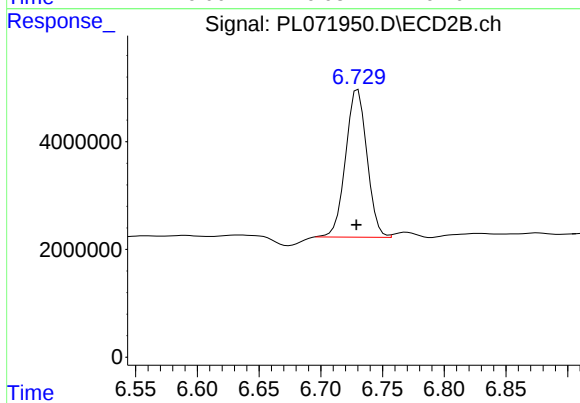
#5 Aldrin

R.T.: 7.488 min  
Delta R.T.: 0.003 min  
Response: 79176591  
Conc: 51.39 ng/ml



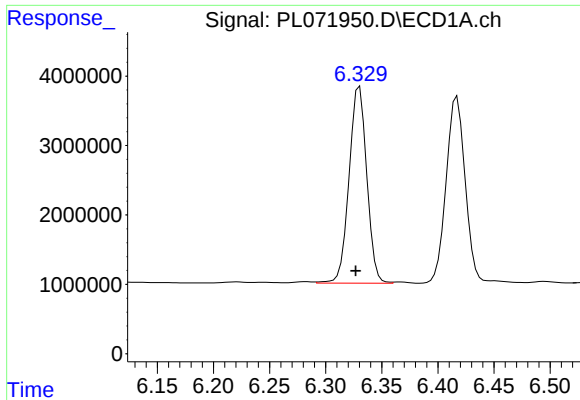
#6 beta-BHC

R.T.: 6.071 min  
Delta R.T.: 0.003 min  
Response: 13585828  
Conc: 50.21 ng/ml



#6 beta-BHC

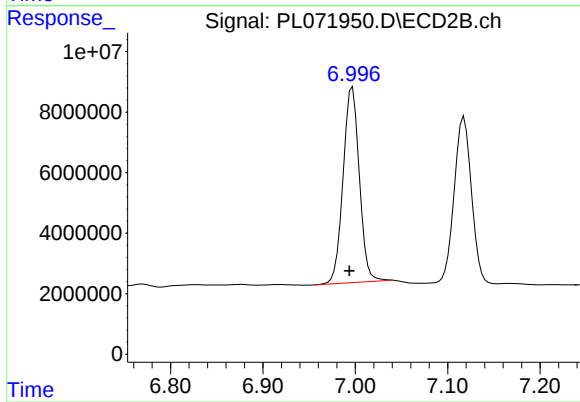
R.T.: 6.730 min  
Delta R.T.: 0.001 min  
Response: 33020979  
Conc: 46.22 ng/ml



#7 delta-BHC

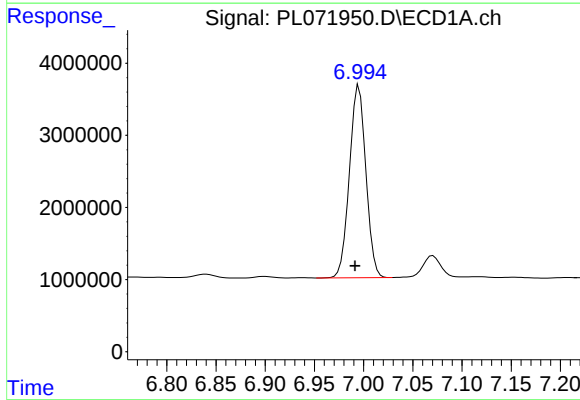
R.T.: 6.330 min  
Delta R.T.: 0.003 min  
Response: 31118403  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



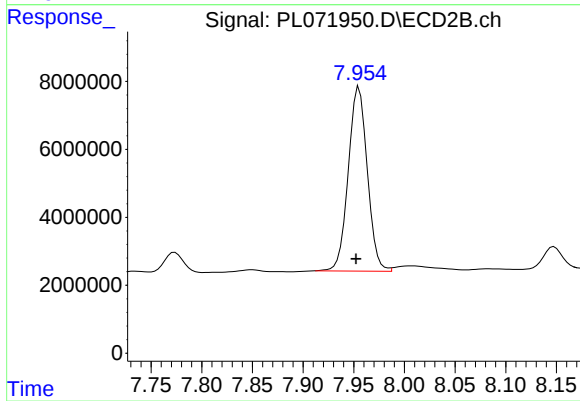
#7 delta-BHC

R.T.: 6.997 min  
Delta R.T.: 0.003 min  
Response: 79119054  
Conc: 51.54 ng/ml



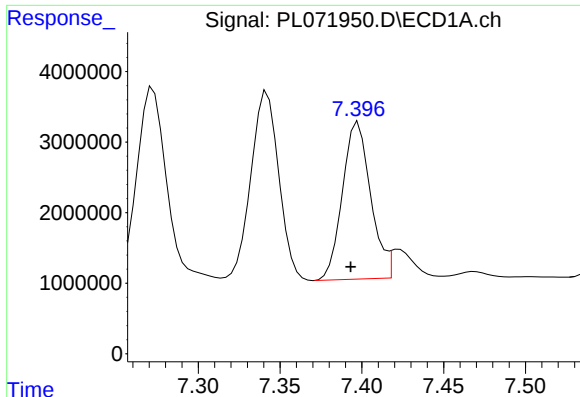
#8 Heptachlor epoxide

R.T.: 6.995 min  
Delta R.T.: 0.004 min  
Response: 30994374  
Conc: 50.81 ng/ml



#8 Heptachlor epoxide

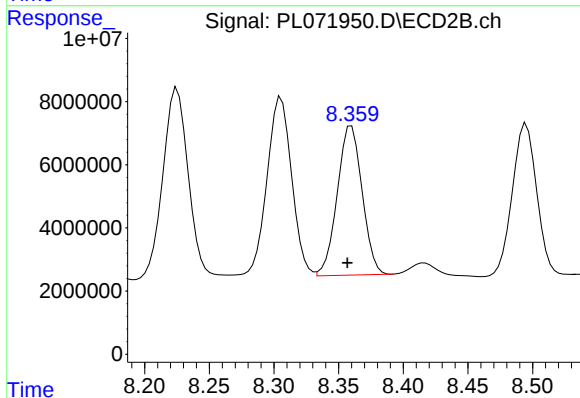
R.T.: 7.955 min  
Delta R.T.: 0.003 min  
Response: 70882835  
Conc: 50.73 ng/ml



#9 Endosulfan I

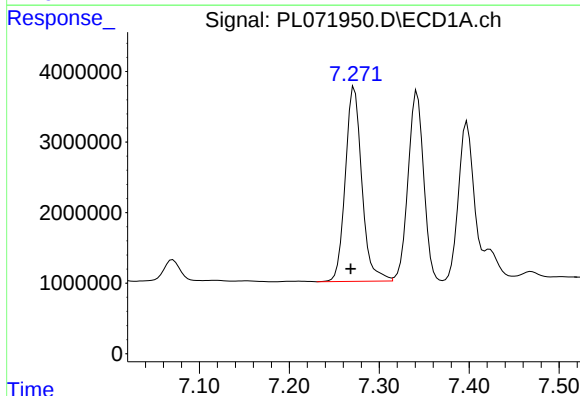
R.T.: 7.398 min  
Delta R.T.: 0.004 min  
Response: 26643796  
Conc: 47.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



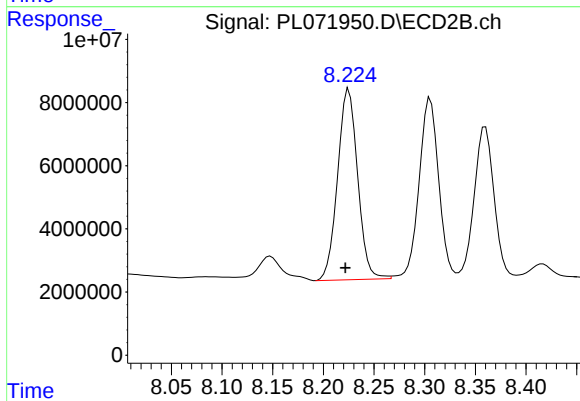
#9 Endosulfan I

R.T.: 8.360 min  
Delta R.T.: 0.003 min  
Response: 63062792  
Conc: 50.91 ng/ml



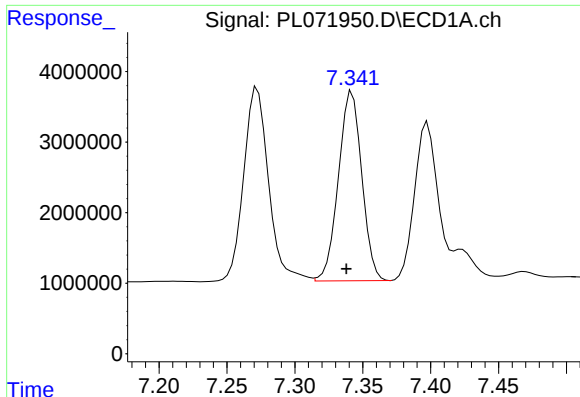
#10 gamma-Chlordane

R.T.: 7.272 min  
Delta R.T.: 0.004 min  
Response: 35247842  
Conc: 56.85 ng/ml



#10 gamma-Chlordane

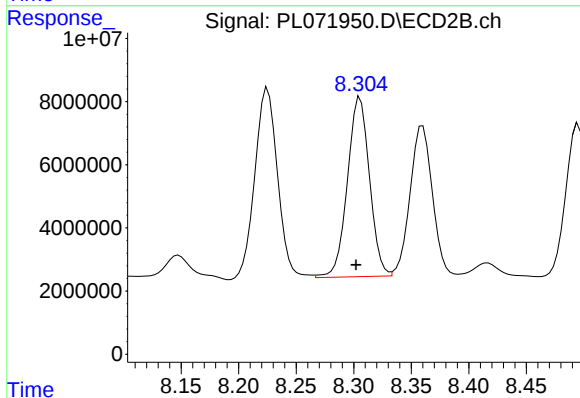
R.T.: 8.225 min  
Delta R.T.: 0.004 min  
Response: 83217582  
Conc: 60.86 ng/ml



#11 alpha-Chlordane

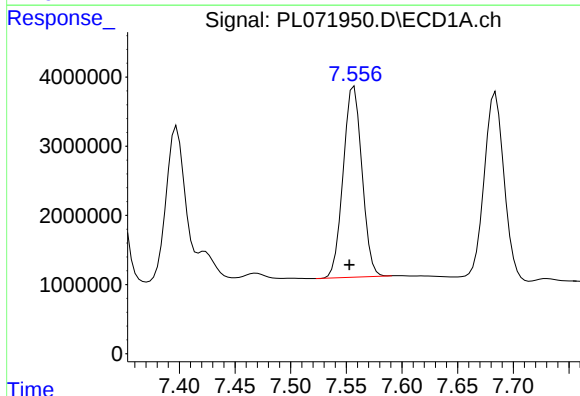
R.T.: 7.342 min  
Delta R.T.: 0.004 min  
Response: 32249237  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



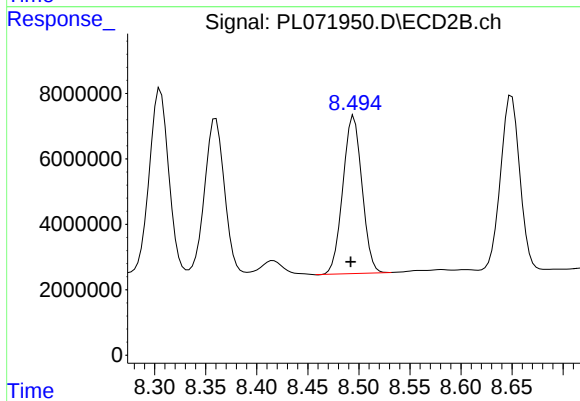
#11 alpha-Chlordane

R.T.: 8.306 min  
Delta R.T.: 0.003 min  
Response: 76245840  
Conc: 57.29 ng/ml



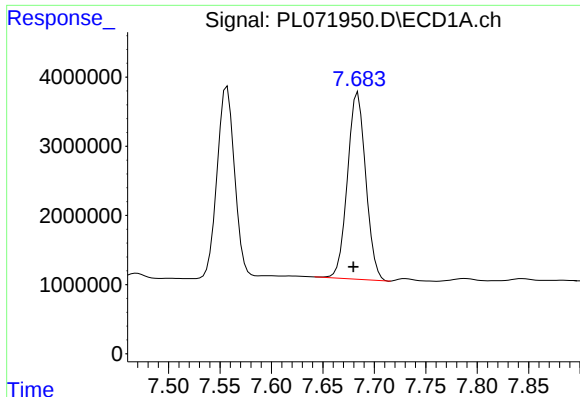
#12 4,4'-DDE

R.T.: 7.557 min  
Delta R.T.: 0.004 min  
Response: 32462830  
Conc: 58.55 ng/ml



#12 4,4'-DDE

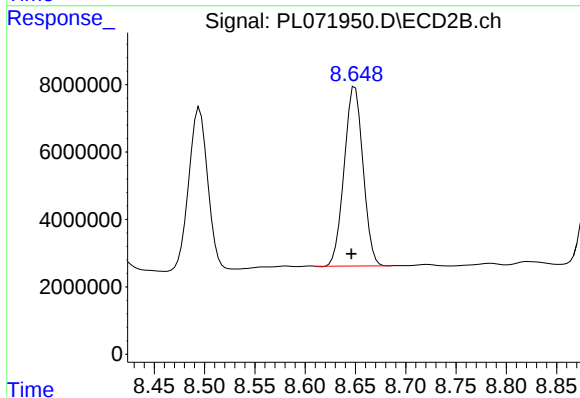
R.T.: 8.495 min  
Delta R.T.: 0.003 min  
Response: 62795385  
Conc: 49.89 ng/ml



#13 Dieldrin

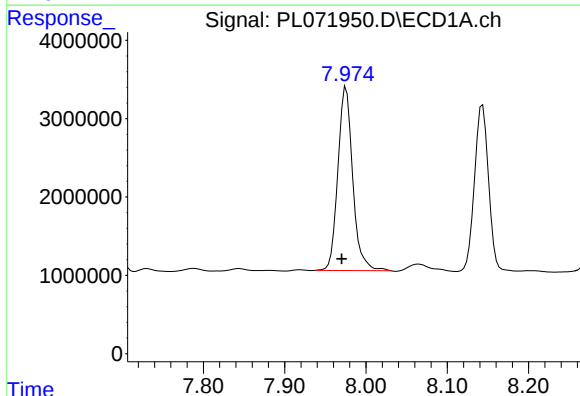
R.T.: 7.684 min  
Delta R.T.: 0.004 min  
Response: 33437392  
Conc: 55.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



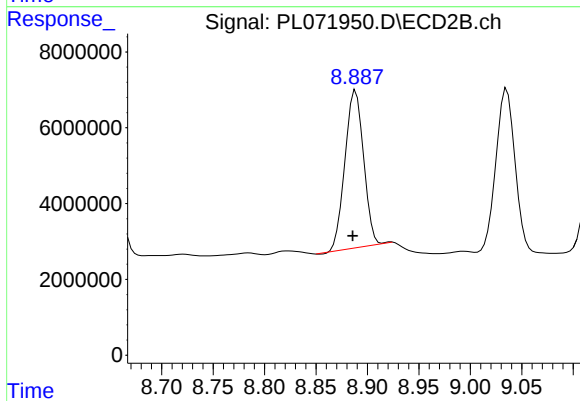
#13 Dieldrin

R.T.: 8.650 min  
Delta R.T.: 0.004 min  
Response: 69227373  
Conc: 52.77 ng/ml



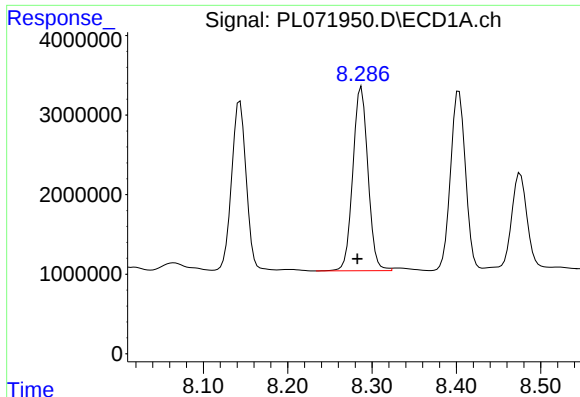
#14 Endrin

R.T.: 7.976 min  
Delta R.T.: 0.005 min  
Response: 29773242  
Conc: 56.34 ng/ml



#14 Endrin

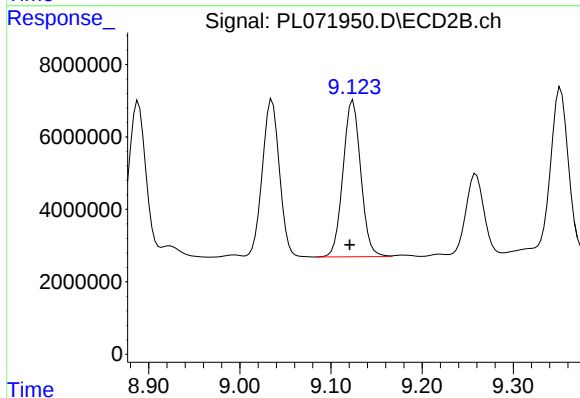
R.T.: 8.889 min  
Delta R.T.: 0.003 min  
Response: 52837962  
Conc: 51.05 ng/ml



#15 Endosulfan II

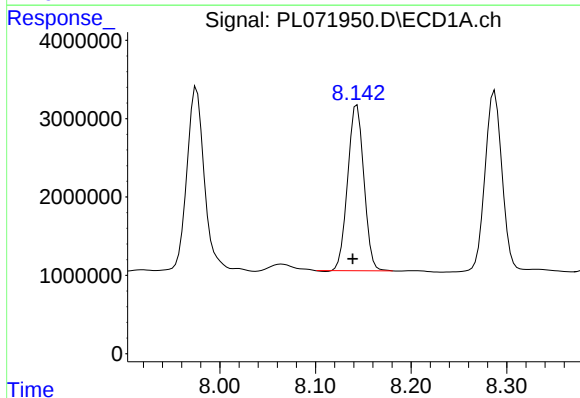
R.T.: 8.287 min  
Delta R.T.: 0.005 min  
Response: 28797789  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



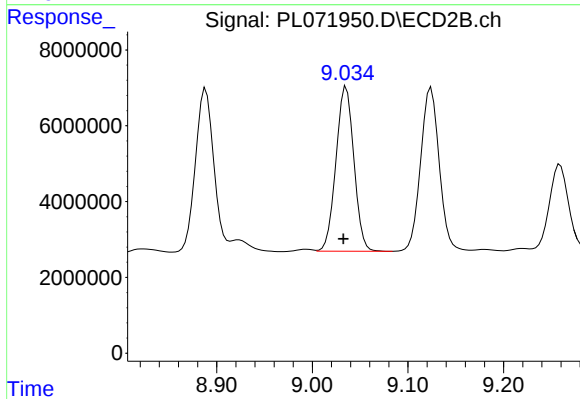
#15 Endosulfan II

R.T.: 9.124 min  
Delta R.T.: 0.004 min  
Response: 58471910  
Conc: 52.07 ng/ml



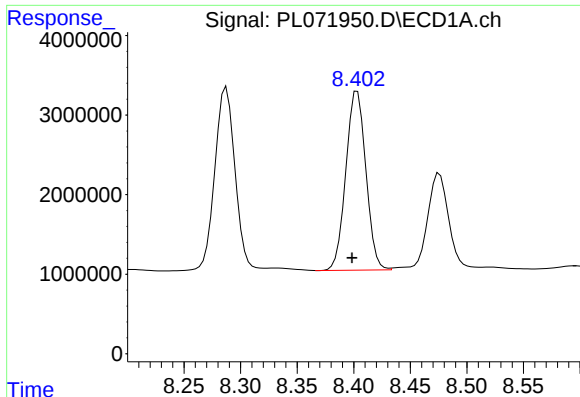
#16 4,4'-DDD

R.T.: 8.143 min  
Delta R.T.: 0.004 min  
Response: 25068316  
Conc: 52.06 ng/ml



#16 4,4'-DDD

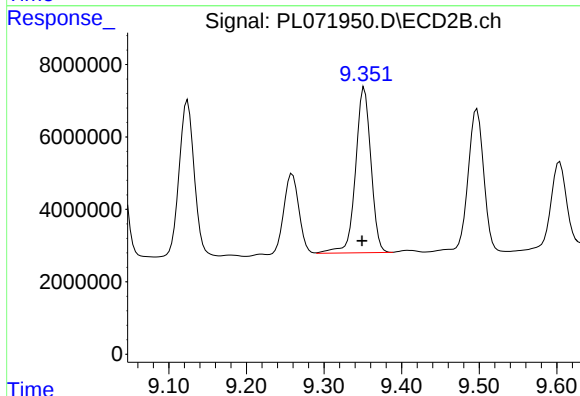
R.T.: 9.035 min  
Delta R.T.: 0.003 min  
Response: 56672322  
Conc: 58.95 ng/ml



#17 4,4'-DDT

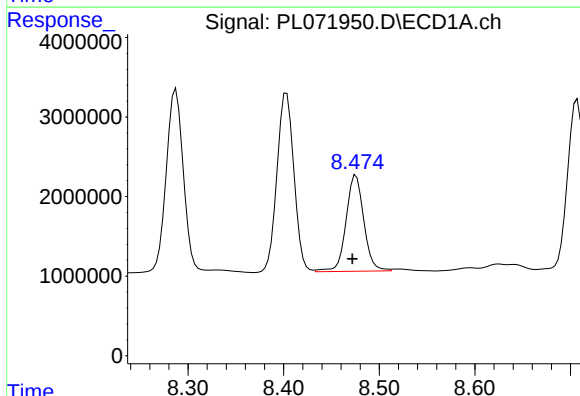
R.T.: 8.403 min  
Delta R.T.: 0.005 min  
Response: 27709166  
Conc: 58.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



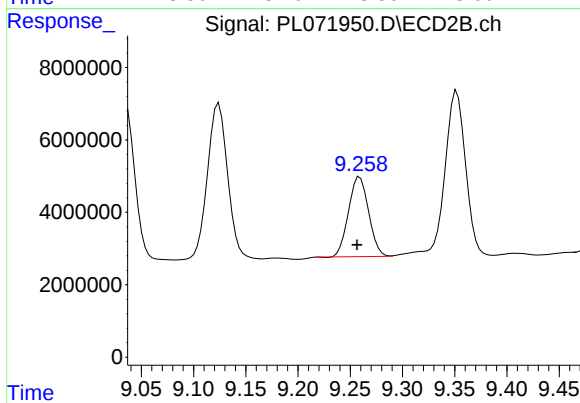
#17 4,4'-DDT

R.T.: 9.352 min  
Delta R.T.: 0.003 min  
Response: 62802784  
Conc: 66.60 ng/ml



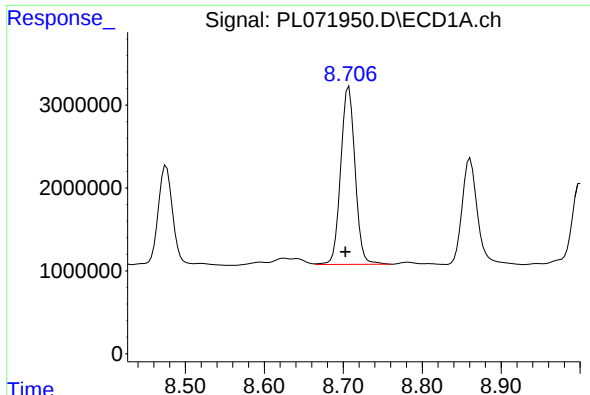
#18 Endrin aldehyde

R.T.: 8.476 min  
Delta R.T.: 0.004 min  
Response: 15647684  
Conc: 34.48 ng/ml



#18 Endrin aldehyde

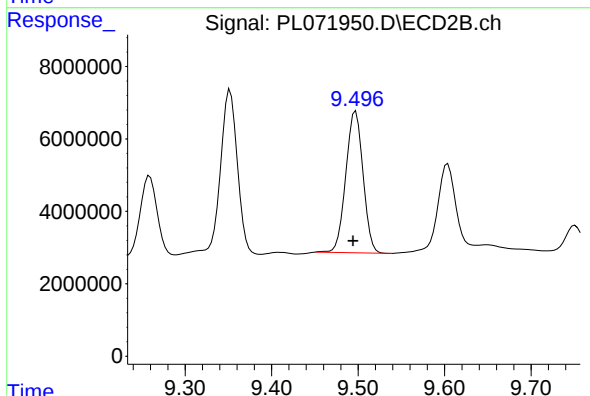
R.T.: 9.259 min  
Delta R.T.: 0.003 min  
Response: 29532660  
Conc: 34.80 ng/ml



#19 Endosulfan Sulfate

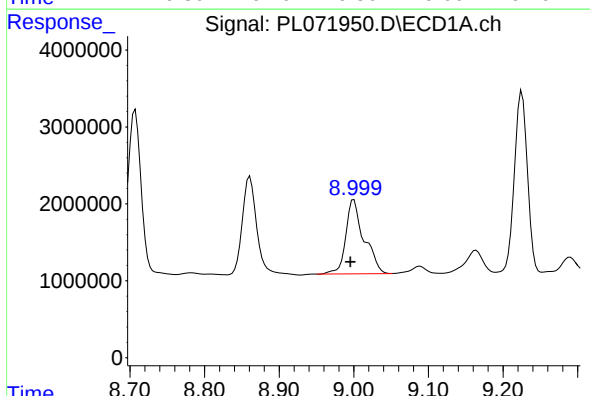
R.T.: 8.707 min  
Delta R.T.: 0.005 min  
Response: 27107275  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



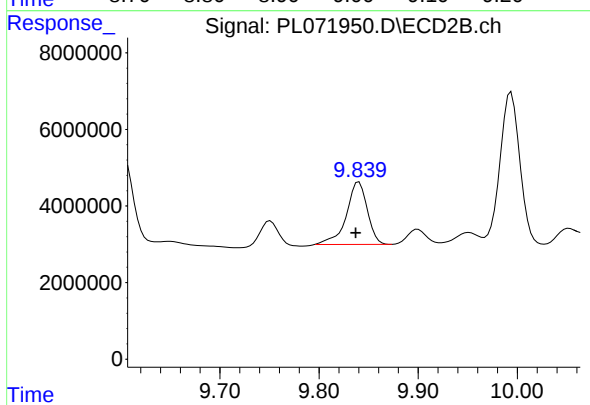
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: 0.003 min  
Response: 53727669  
Conc: 51.72 ng/ml



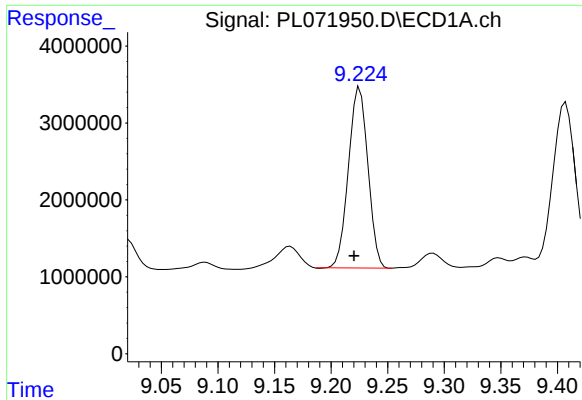
#20 Methoxychlor

R.T.: 9.000 min  
Delta R.T.: 0.005 min  
Response: 16354528  
Conc: 52.84 ng/ml



#20 Methoxychlor

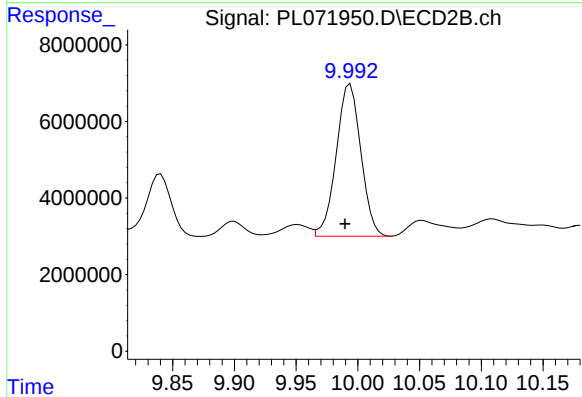
R.T.: 9.840 min  
Delta R.T.: 0.003 min  
Response: 24037108  
Conc: 48.81 ng/ml



#21 Endrin ketone

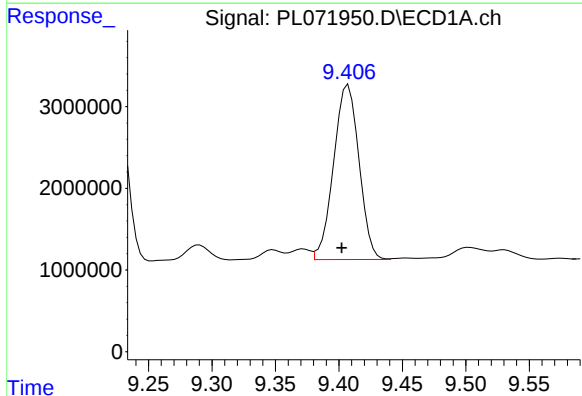
R.T.: 9.225 min  
Delta R.T.: 0.005 min  
Response: 28153147  
Conc: 40.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



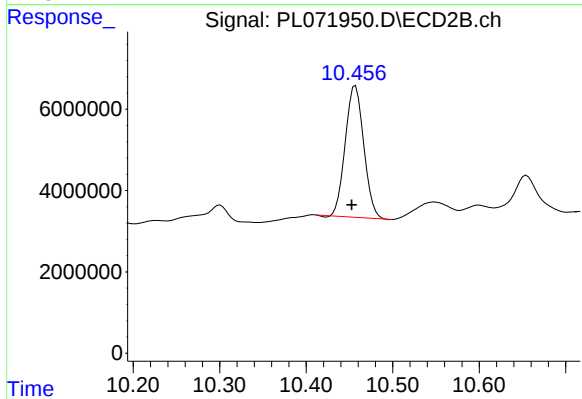
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: 0.004 min  
Response: 55225561  
Conc: 48.94 ng/ml



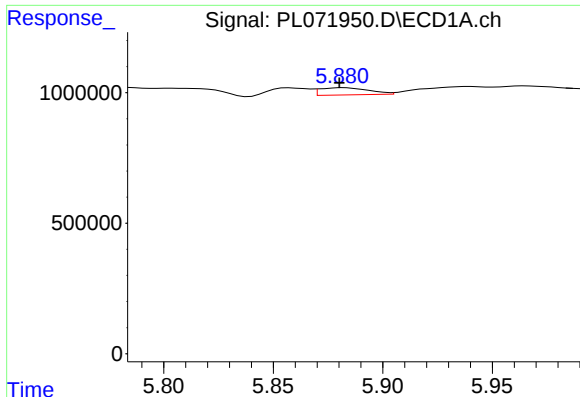
#22 Mirex

R.T.: 9.407 min  
Delta R.T.: 0.005 min  
Response: 29825333  
Conc: 49.72 ng/ml



#22 Mirex

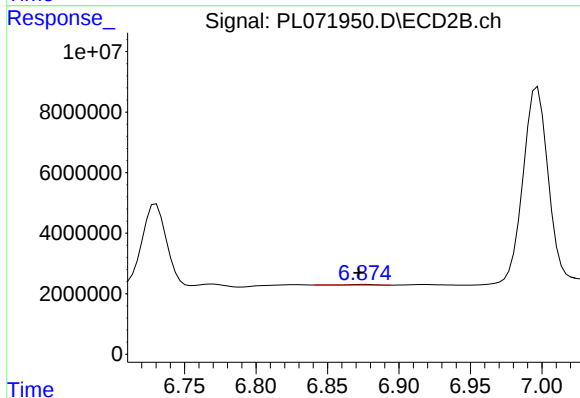
R.T.: 10.457 min  
Delta R.T.: 0.004 min  
Response: 47595117  
Conc: 55.40 ng/ml



#23 Chlordane-1

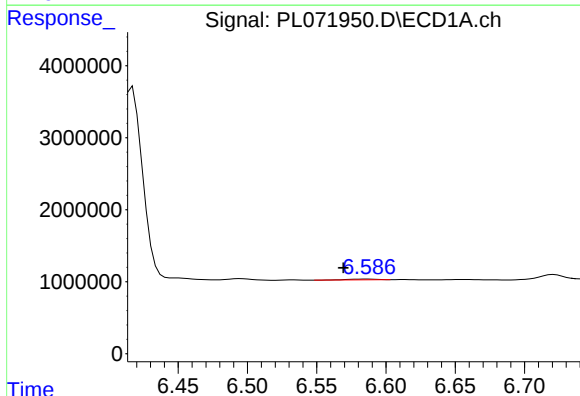
R.T.: 5.882 min  
Delta R.T.: 0.002 min  
Response: 427830  
Conc: 23.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



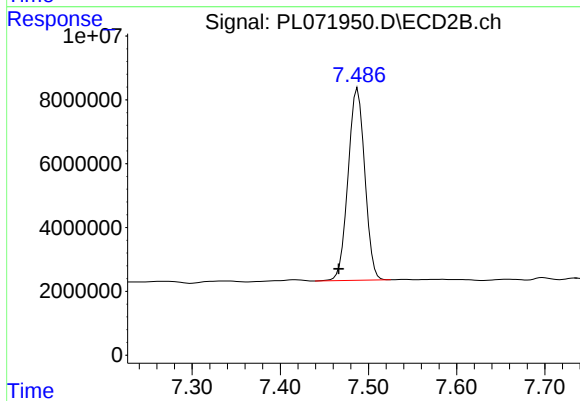
#23 Chlordane-1

R.T.: 6.876 min  
Delta R.T.: 0.004 min  
Response: 263855  
Conc: 5.33 ng/ml



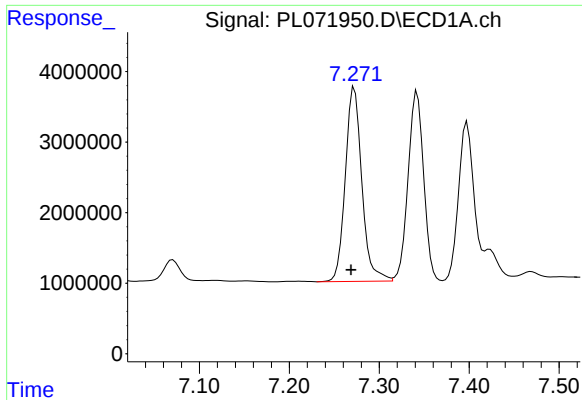
#24 Chlordane-2

R.T.: 6.587 min  
Delta R.T.: 0.018 min  
Response: 159774  
Conc: 6.65 ng/ml



#24 Chlordane-2

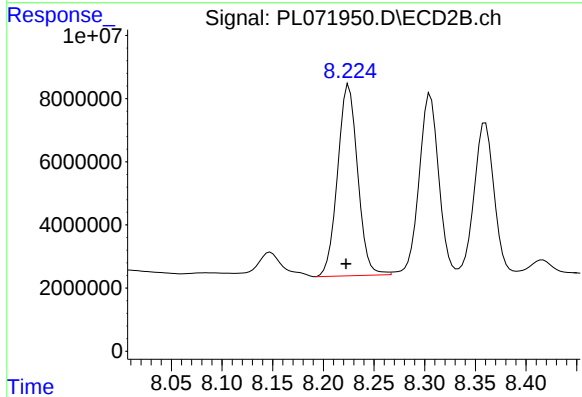
R.T.: 7.488 min  
Delta R.T.: 0.021 min  
Response: 79176591  
Conc: 1462.77 ng/ml



#25 Chlordane-3

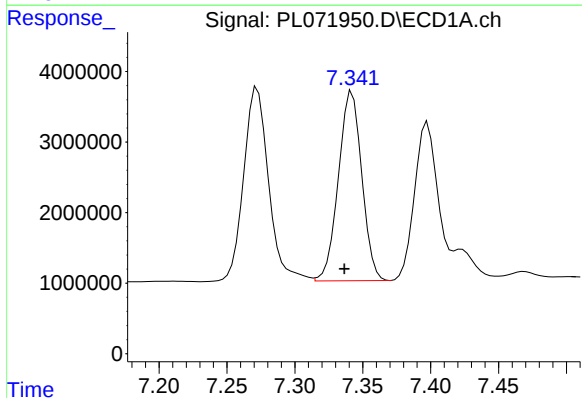
R.T.: 7.272 min  
Delta R.T.: 0.004 min  
Response: 35247842  
Conc: 542.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



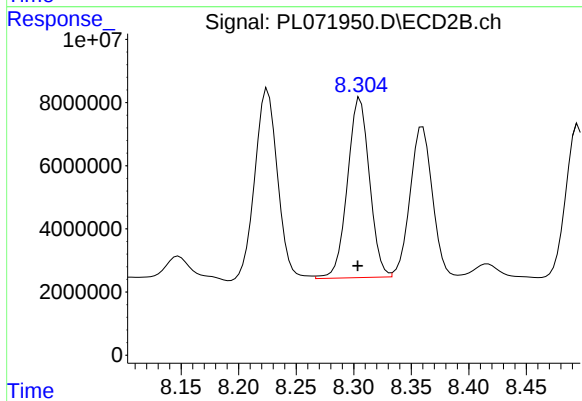
#25 Chlordane-3

R.T.: 8.225 min  
Delta R.T.: 0.003 min  
Response: 83217582  
Conc: 407.71 ng/ml



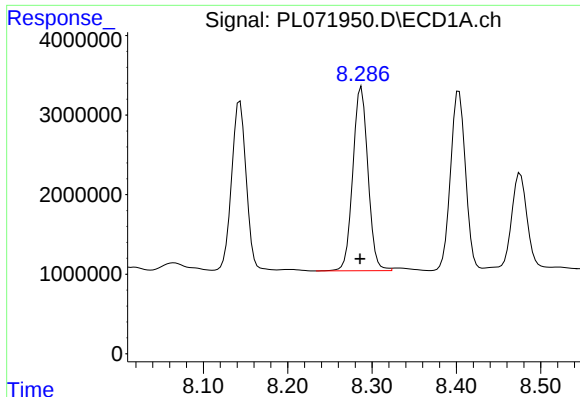
#26 Chlordane-4

R.T.: 7.342 min  
Delta R.T.: 0.006 min  
Response: 32249237  
Conc: 459.20 ng/ml



#26 Chlordane-4

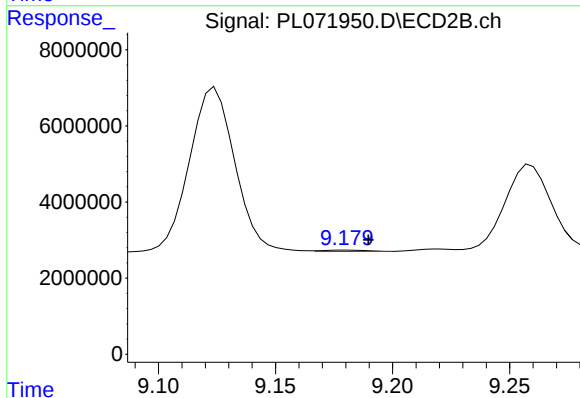
R.T.: 8.306 min  
Delta R.T.: 0.002 min  
Response: 76245840  
Conc: 313.23 ng/ml



#27 Chlordane-5

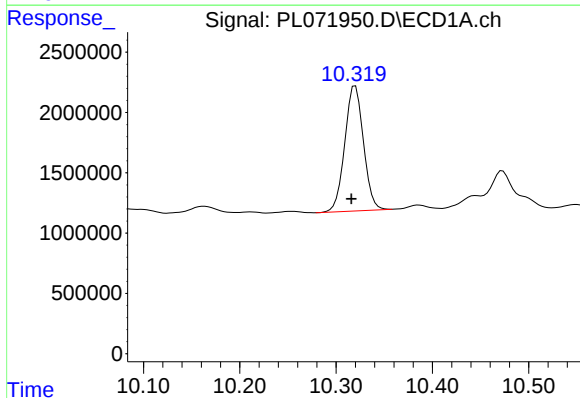
R.T.: 8.287 min  
Delta R.T.: 0.002 min  
Response: 28797789  
Conc: 1206.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



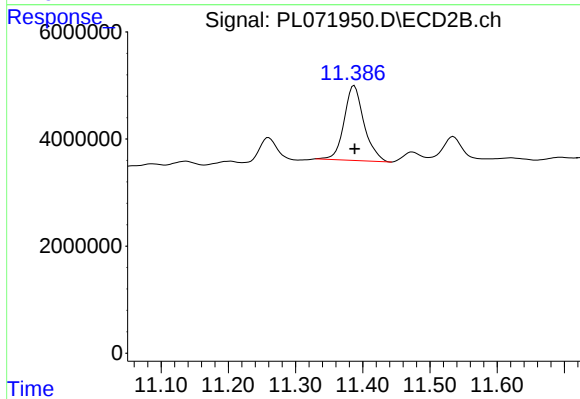
#27 Chlordane-5

R.T.: 9.180 min  
Delta R.T.: -0.009 min  
Response: 485273  
Conc: 12.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min  
Delta R.T.: 0.004 min  
Response: 13894844  
Conc: 19.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.387 min  
Delta R.T.: 0.000 min  
Response: 28733118  
Conc: 24.25 ng/ml