

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020822\  
 Data File : PL072561.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Feb 2022 01:14  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 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: Feb 09 05:58:29 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.556  | 5.492  | 24665482 | 90088669 | 51.225   | 52.153     |
| 28)                         | SA Decachlor... | 10.317 | 11.386 | 37334485 | 86874627 | 49.315   | 54.784     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.263  | 6.075  | 34448729 | 132.2E6  | 52.246   | 55.197     |
| 3)                          | MA gamma-BHC... | 5.686  | 6.470  | 33305622 | 124.4E6  | 52.994   | 54.034     |
| 4)                          | MA Heptachlor   | 6.091  | 7.116  | 37159291 | 123.6E6  | 50.908   | 54.289     |
| 5)                          | MB Aldrin       | 6.415  | 7.486  | 34098293 | 118.4E6  | 52.812   | 55.386     |
| 6)                          | B beta-BHC      | 6.072  | 6.730  | 12657854 | 54163011 | 51.083   | 53.131     |
| 7)                          | B delta-BHC     | 6.329  | 6.996  | 35370301 | 125.3E6  | 53.419   | 54.696     |
| 8)                          | B Heptachlo...  | 6.993  | 7.953  | 32942918 | 107.8E6  | 52.253   | 55.875     |
| 9)                          | A Endosulfan I  | 7.395  | 8.359  | 30702799 | 96460662 | 52.479   | 55.136     |
| 10)                         | B gamma-Chl...  | 7.270  | 8.224  | 33138098 | 107.4E6  | 52.313   | 55.535     |
| 11)                         | B alpha-Chl...  | 7.340  | 8.304  | 33182825 | 104.6E6  | 52.110   | 55.074     |
| 12)                         | B 4,4'-DDE      | 7.555  | 8.495  | 31868709 | 102.4E6  | 52.441   | 54.778     |
| 13)                         | MA Dieldrin     | 7.682  | 8.648  | 33357824 | 103.5E6  | 52.823   | 55.511     |
| 14)                         | MA Endrin       | 7.973  | 8.887  | 29485308 | 84740073 | 50.333   | 53.781     |
| 15)                         | B Endosulfa...  | 8.286  | 9.124  | 31141595 | 89624510 | 51.186   | 53.306     |
| 16)                         | A 4,4'-DDD      | 8.141  | 9.035  | 26369669 | 79705498 | 54.812   | 57.599     |
| 17)                         | MA 4,4'-DDT     | 8.401  | 9.352  | 26925605 | 79714375 | 50.040   | 52.072     |
| 18)                         | B Endrin al...  | 8.474  | 9.259  | 22484700 | 62505310 | 51.584   | 55.537     |
| 19)                         | B Endosulfa...  | 8.705  | 9.497  | 30869970 | 82840902 | 51.874   | 55.376     |
| 20)                         | A Methoxychlor  | 8.997  | 9.840  | 17293541 | 42683342 | 49.182   | 52.718     |
| 21)                         | B Endrin ke...  | 9.223  | 9.994  | 37097526 | 90635378 | 53.978   | 56.885     |
| 22)                         | Mirex           | 9.404  | 10.456 | 30441936 | 65600204 | 51.314   | 55.883     |
| 23)                         | Chlordane-1     | 5.852f | 0.000  | 39698    | 0        | 2.139    | N.D. #     |
| 24)                         | Chlordane-2     | 6.567  | 7.486f | 22968    | 118.4E6  | 0.908    | 1537.477 # |
| 25)                         | Chlordane-3     | 7.270  | 8.224  | 33138098 | 107.4E6  | 491.656  | 359.454 #  |
| 26)                         | Chlordane-4     | 7.340  | 8.304  | 33182825 | 104.6E6  | 452.231  | 293.277 #  |
| 27)                         | Chlordane-5     | 8.286  | 0.000  | 31141595 | 0        | 1213.840 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

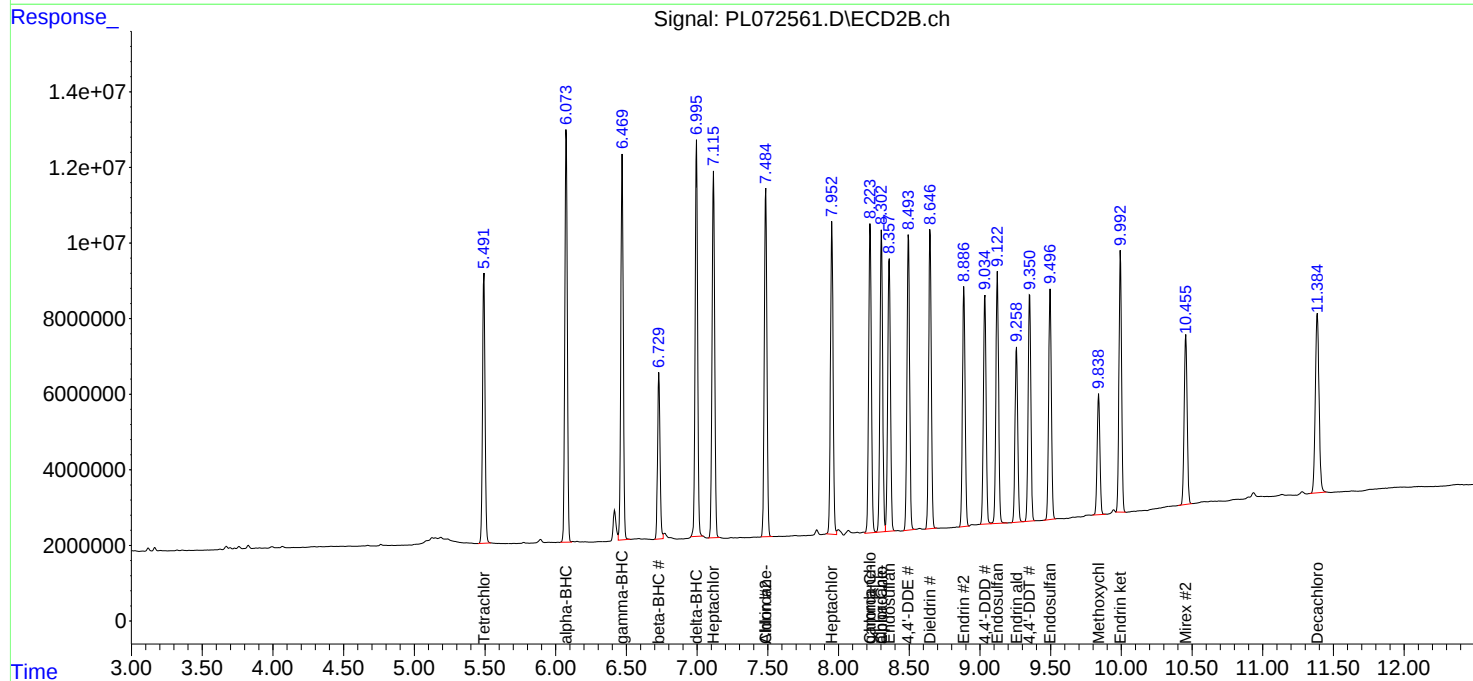
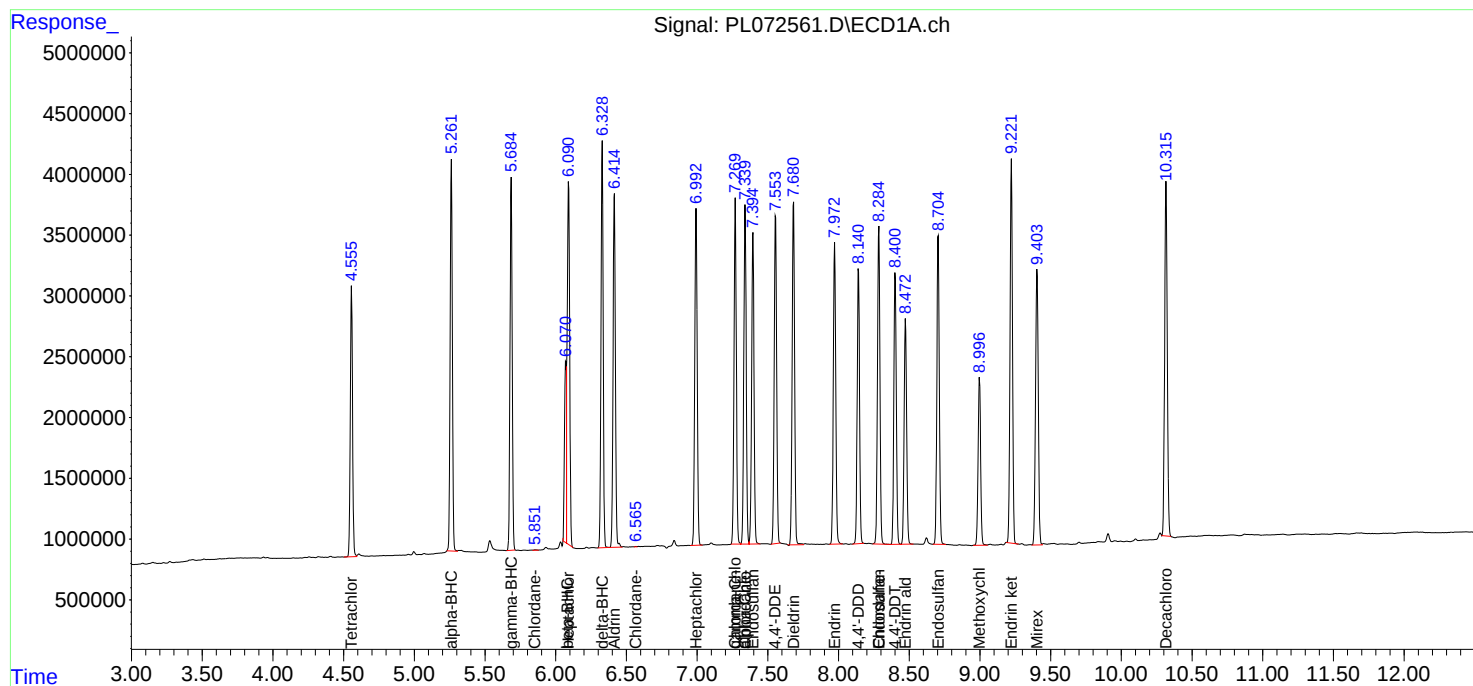
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

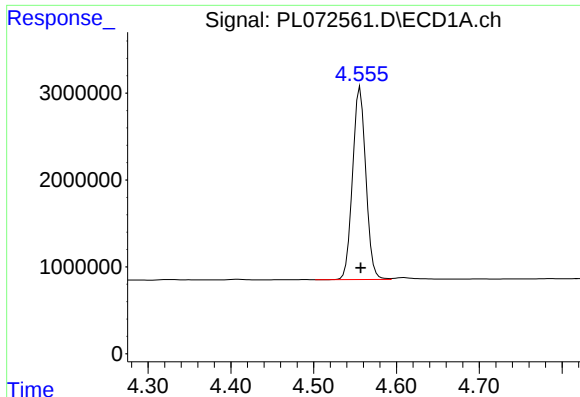
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020822\  
Data File : PL072561.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Feb 2022 01:14  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 09 05:58:29 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 08 05:14:10 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

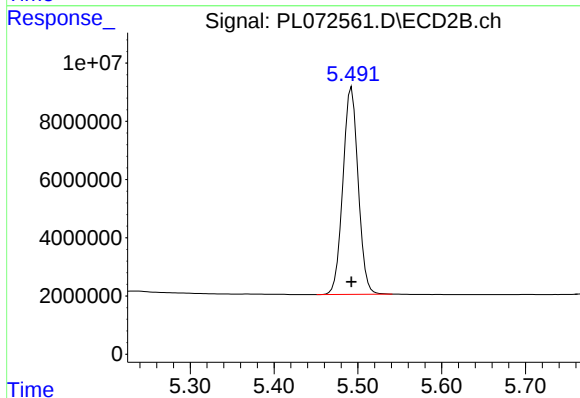




#1 Tetrachloro-m-xylene

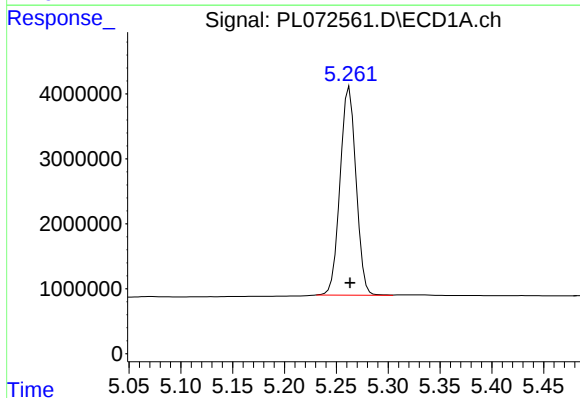
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 24665482  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



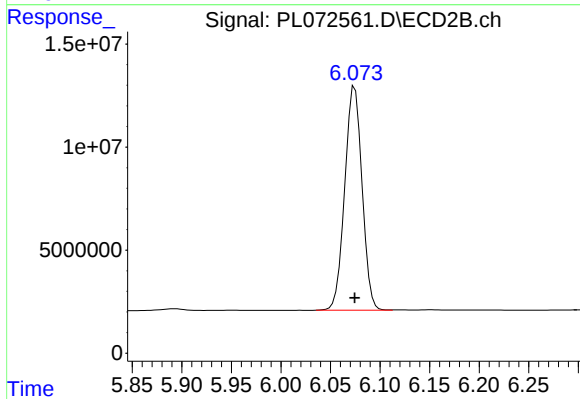
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 90088669  
Conc: 52.15 ng/ml



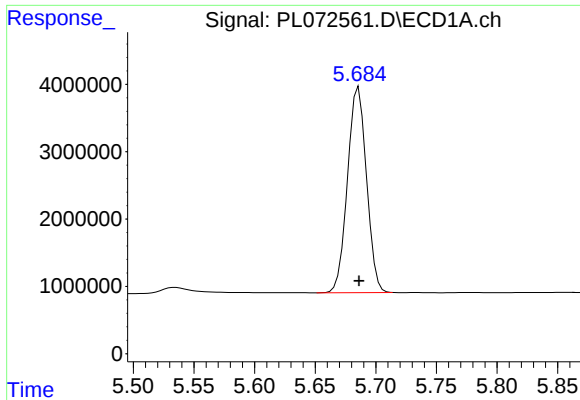
#2 alpha-BHC

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 34448729  
Conc: 52.25 ng/ml



#2 alpha-BHC

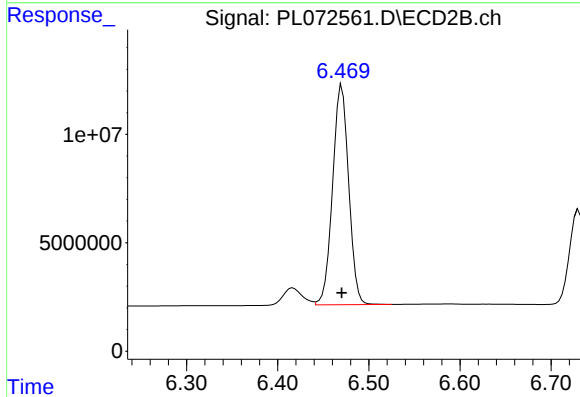
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 132181971  
Conc: 55.20 ng/ml



#3 gamma-BHC (Lindane)

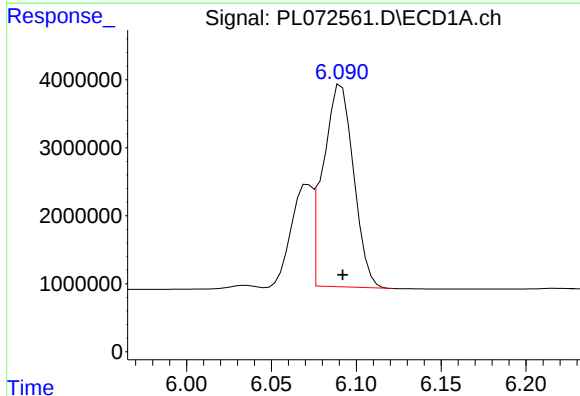
R.T.: 5.686 min  
Delta R.T.: 0.000 min  
Response: 33305622  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



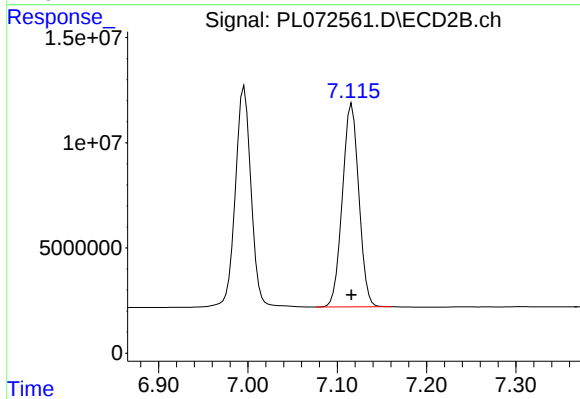
#3 gamma-BHC (Lindane)

R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 124411061  
Conc: 54.03 ng/ml



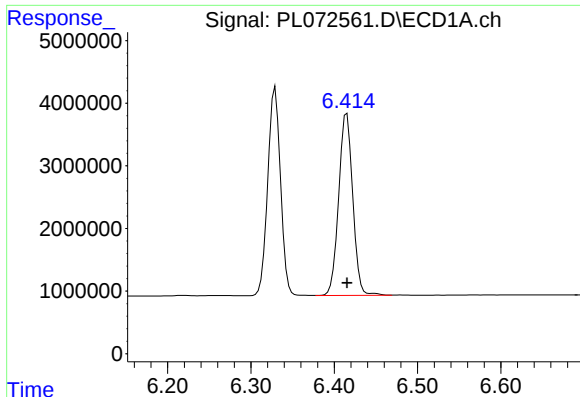
#4 Heptachlor

R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 37159291  
Conc: 50.91 ng/ml



#4 Heptachlor

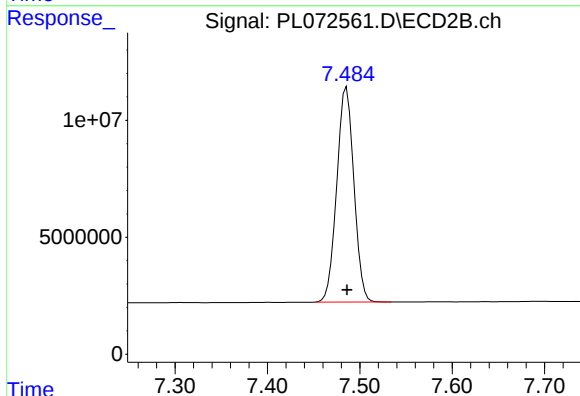
R.T.: 7.116 min  
Delta R.T.: 0.000 min  
Response: 123608185  
Conc: 54.29 ng/ml



#5 Aldrin

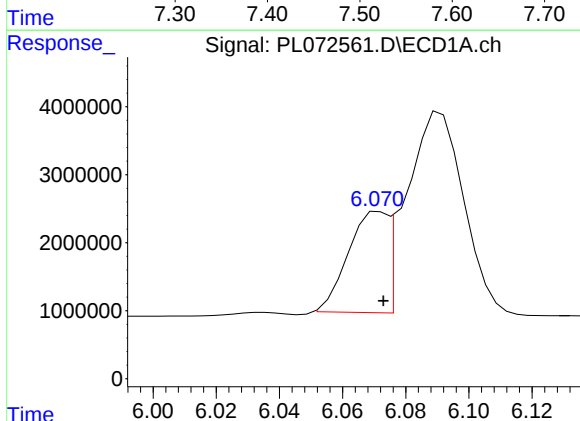
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 34098293  
Conc: 52.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



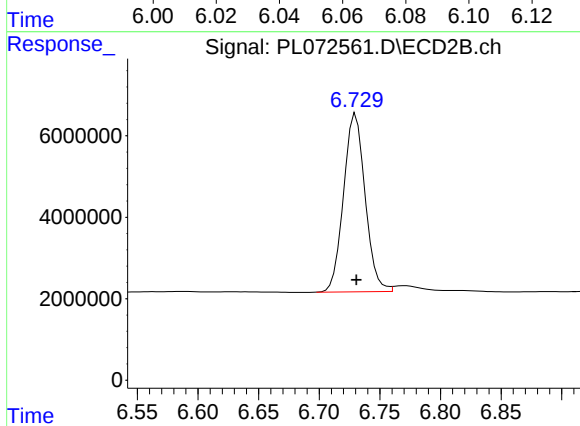
#5 Aldrin

R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 118402707  
Conc: 55.39 ng/ml



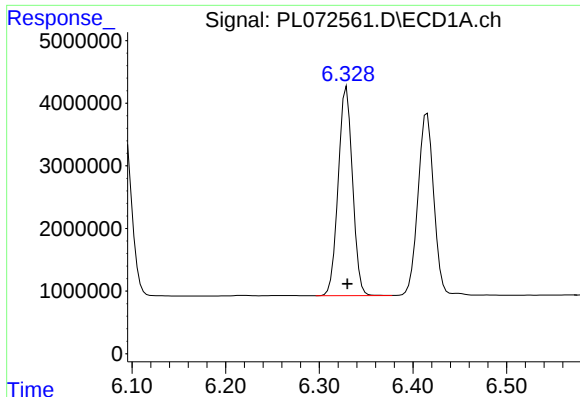
#6 beta-BHC

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 12657854  
Conc: 51.08 ng/ml



#6 beta-BHC

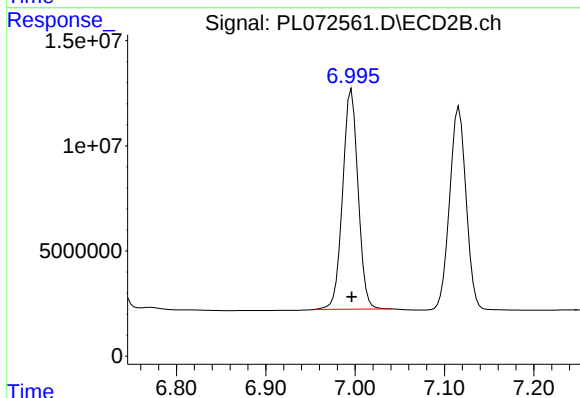
R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 54163011  
Conc: 53.13 ng/ml



#7 delta-BHC

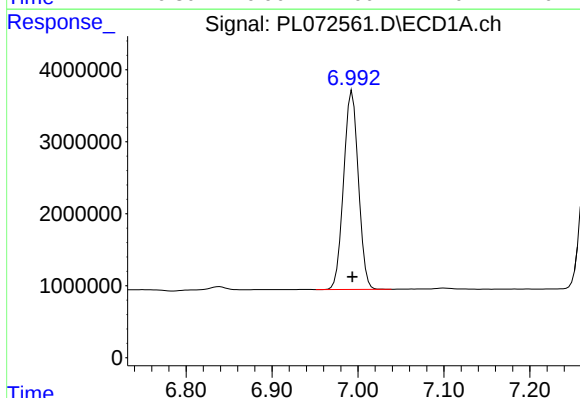
R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 35370301  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



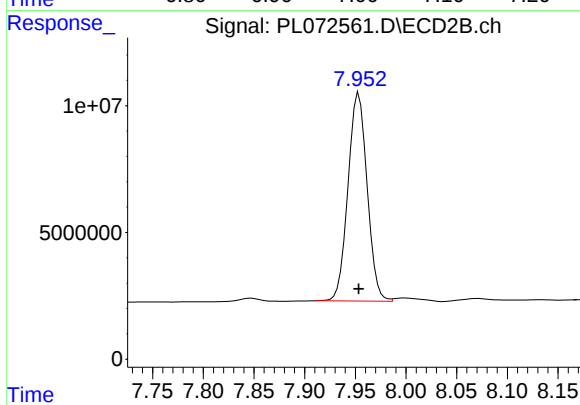
#7 delta-BHC

R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 125310329  
Conc: 54.70 ng/ml



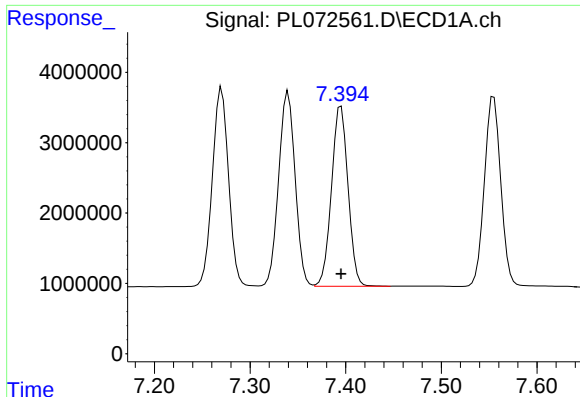
#8 Heptachlor epoxide

R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 32942918  
Conc: 52.25 ng/ml



#8 Heptachlor epoxide

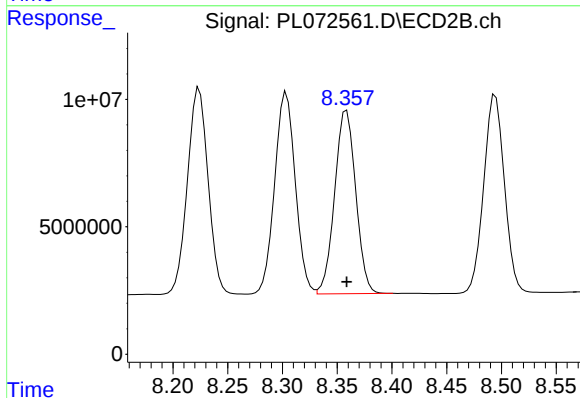
R.T.: 7.953 min  
Delta R.T.: 0.000 min  
Response: 107799197  
Conc: 55.88 ng/ml



#9 Endosulfan I

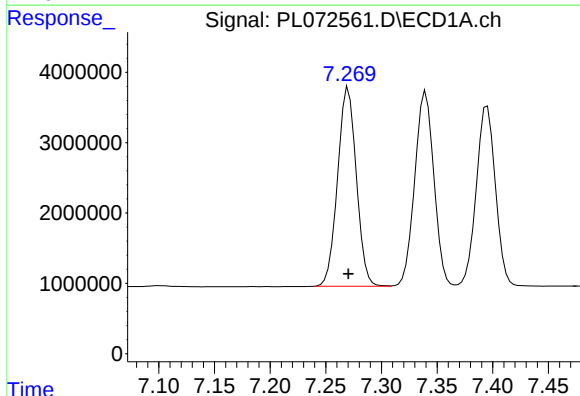
R.T.: 7.395 min  
Delta R.T.: 0.000 min  
Response: 30702799  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



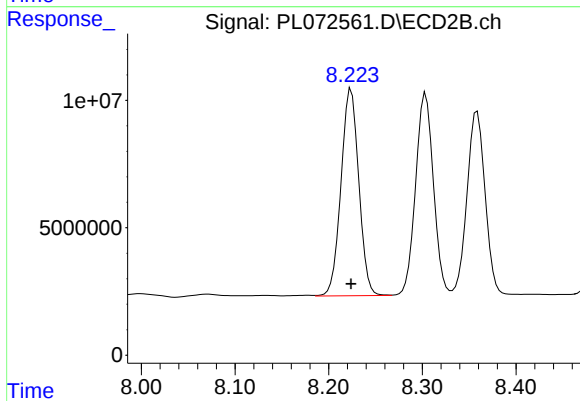
#9 Endosulfan I

R.T.: 8.359 min  
Delta R.T.: 0.000 min  
Response: 96460662  
Conc: 55.14 ng/ml



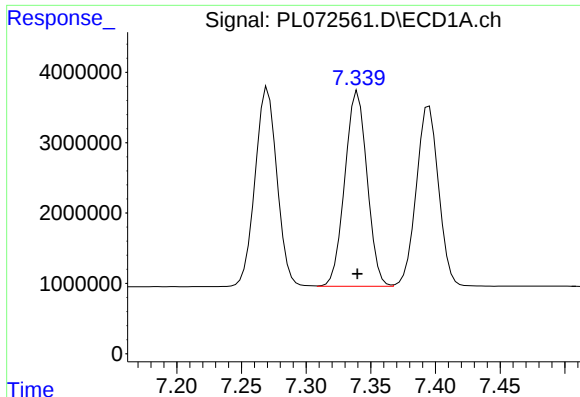
#10 gamma-Chlordane

R.T.: 7.270 min  
Delta R.T.: 0.000 min  
Response: 33138098  
Conc: 52.31 ng/ml



#10 gamma-Chlordane

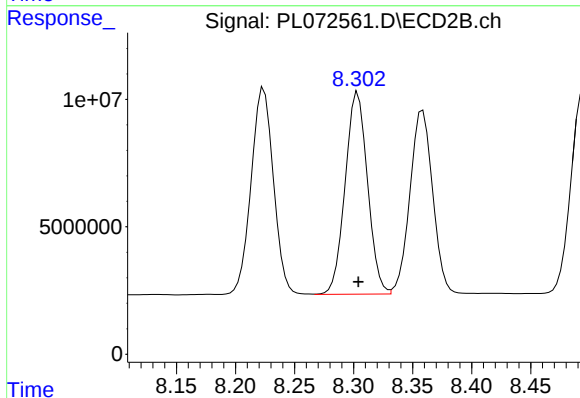
R.T.: 8.224 min  
Delta R.T.: 0.000 min  
Response: 107418584  
Conc: 55.53 ng/ml



#11 alpha-Chlordane

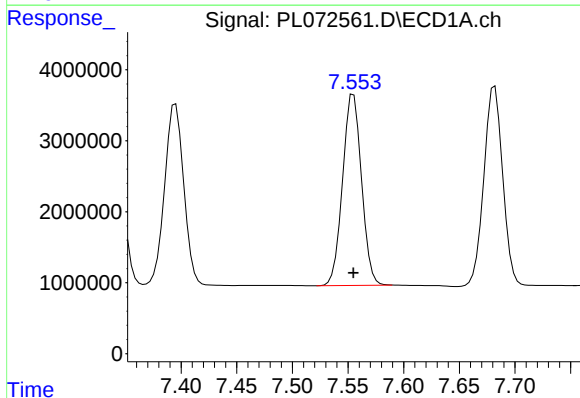
R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 33182825  
Conc: 52.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



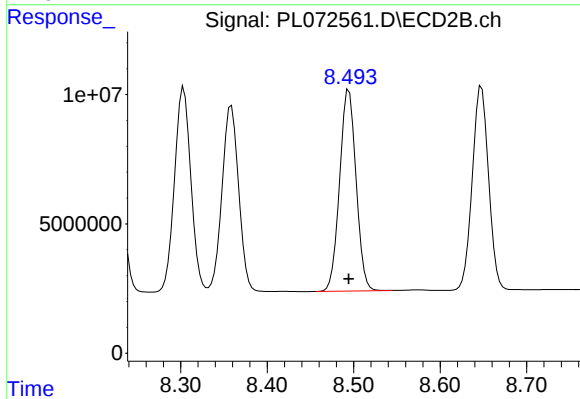
#11 alpha-Chlordane

R.T.: 8.304 min  
Delta R.T.: 0.000 min  
Response: 104639973  
Conc: 55.07 ng/ml



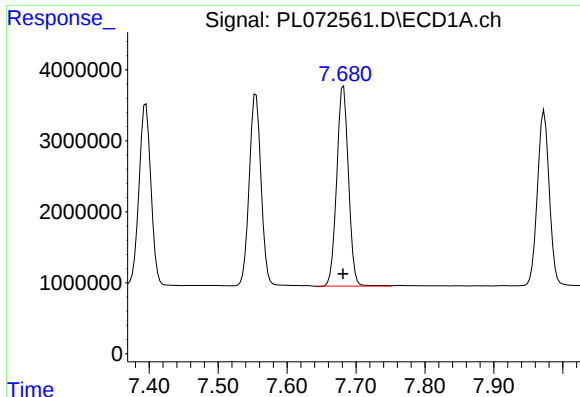
#12 4,4'-DDE

R.T.: 7.555 min  
Delta R.T.: 0.000 min  
Response: 31868709  
Conc: 52.44 ng/ml



#12 4,4'-DDE

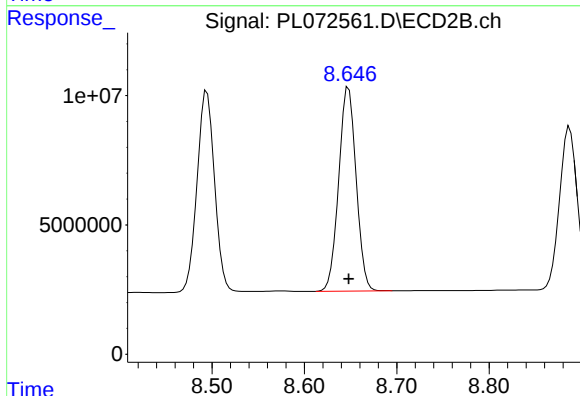
R.T.: 8.495 min  
Delta R.T.: 0.000 min  
Response: 102383352  
Conc: 54.78 ng/ml



#13 Dieldrin

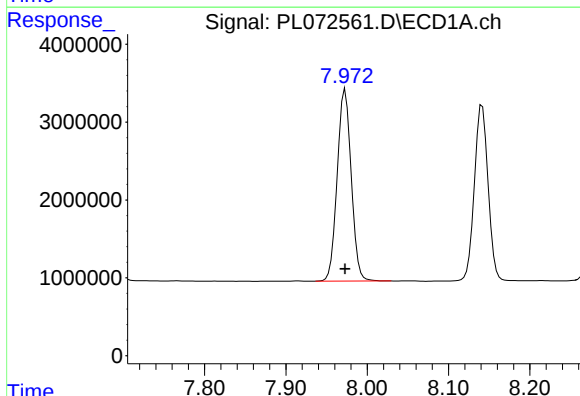
R.T.: 7.682 min  
Delta R.T.: 0.000 min  
Response: 33357824  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



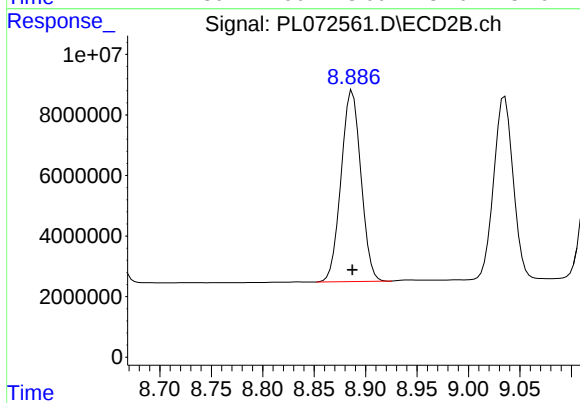
#13 Dieldrin

R.T.: 8.648 min  
Delta R.T.: 0.000 min  
Response: 103454423  
Conc: 55.51 ng/ml



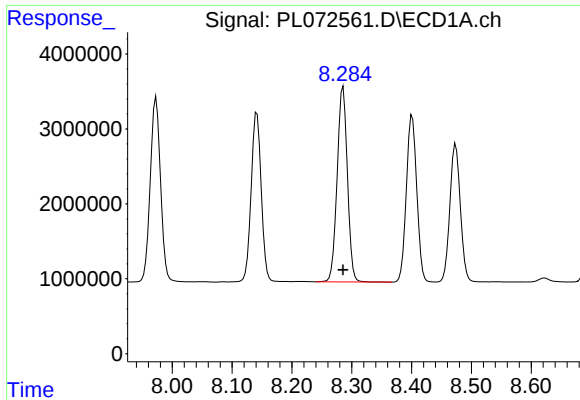
#14 Endrin

R.T.: 7.973 min  
Delta R.T.: 0.000 min  
Response: 29485308  
Conc: 50.33 ng/ml



#14 Endrin

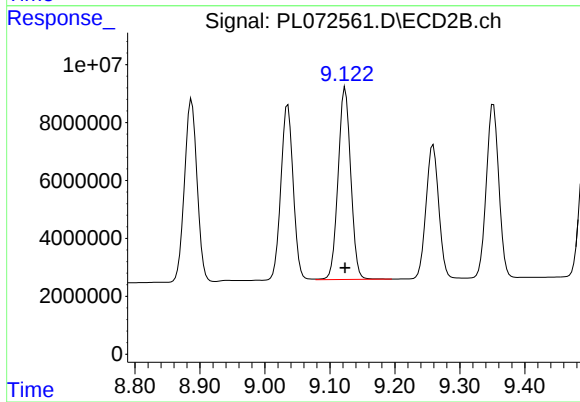
R.T.: 8.887 min  
Delta R.T.: 0.000 min  
Response: 84740073  
Conc: 53.78 ng/ml



#15 Endosulfan II

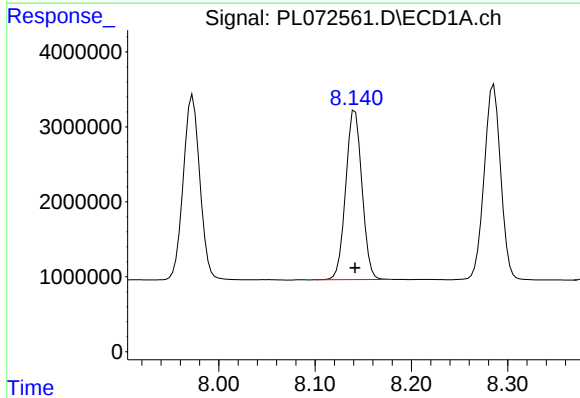
R.T.: 8.286 min  
Delta R.T.: 0.000 min  
Response: 31141595  
Conc: 51.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



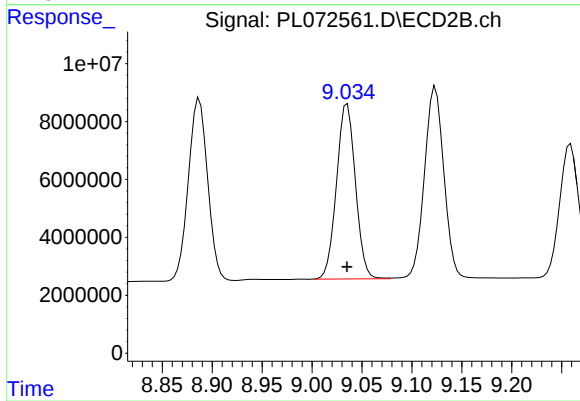
#15 Endosulfan II

R.T.: 9.124 min  
Delta R.T.: 0.000 min  
Response: 89624510  
Conc: 53.31 ng/ml



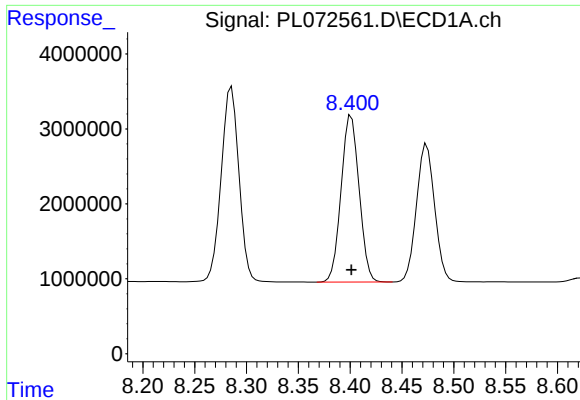
#16 4,4'-DDD

R.T.: 8.141 min  
Delta R.T.: 0.000 min  
Response: 26369669  
Conc: 54.81 ng/ml



#16 4,4'-DDD

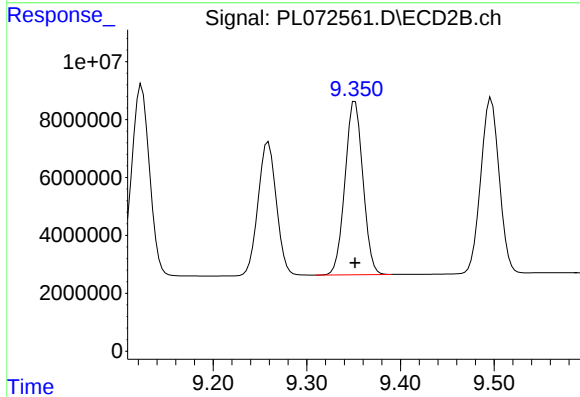
R.T.: 9.035 min  
Delta R.T.: 0.000 min  
Response: 79705498  
Conc: 57.60 ng/ml



#17 4,4'-DDT

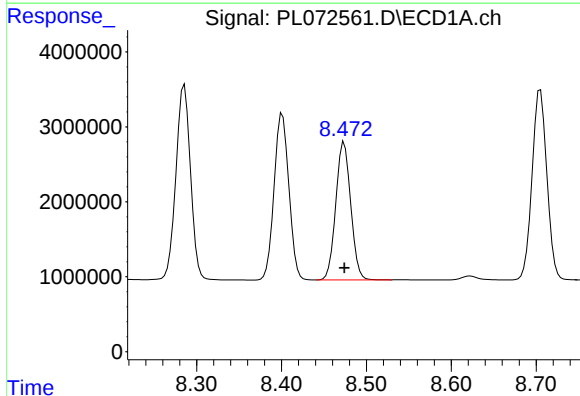
R.T.: 8.401 min  
Delta R.T.: 0.000 min  
Response: 26925605  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



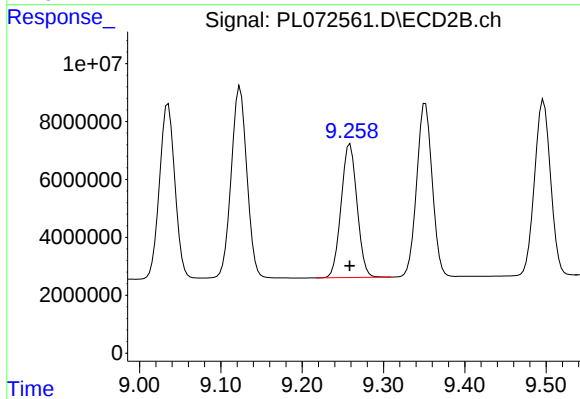
#17 4,4'-DDT

R.T.: 9.352 min  
Delta R.T.: 0.000 min  
Response: 79714375  
Conc: 52.07 ng/ml



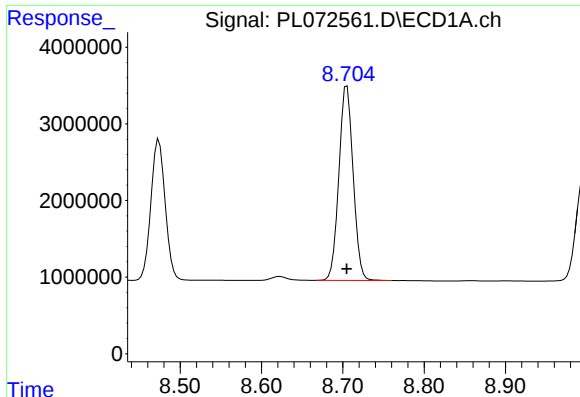
#18 Endrin aldehyde

R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 22484700  
Conc: 51.58 ng/ml



#18 Endrin aldehyde

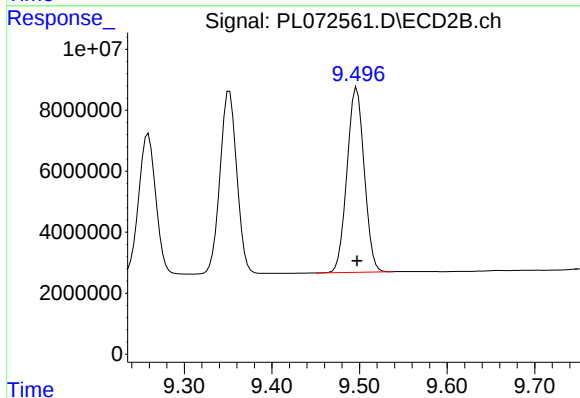
R.T.: 9.259 min  
Delta R.T.: 0.000 min  
Response: 62505310  
Conc: 55.54 ng/ml



#19 Endosulfan Sulfate

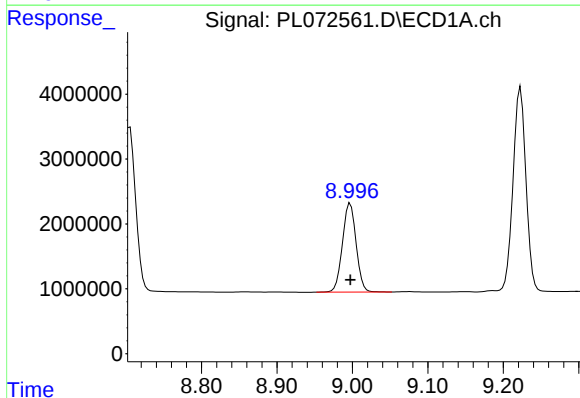
R.T.: 8.705 min  
Delta R.T.: 0.000 min  
Response: 30869970  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



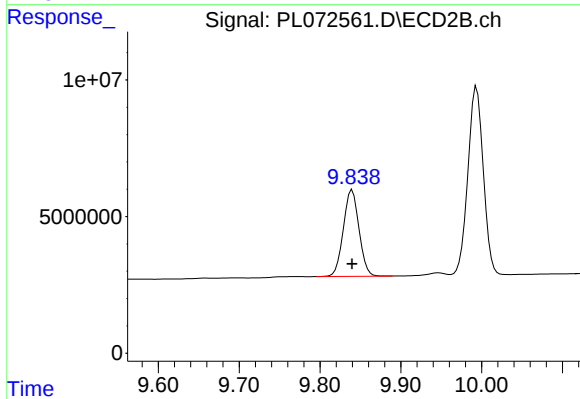
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: 0.000 min  
Response: 82840902  
Conc: 55.38 ng/ml



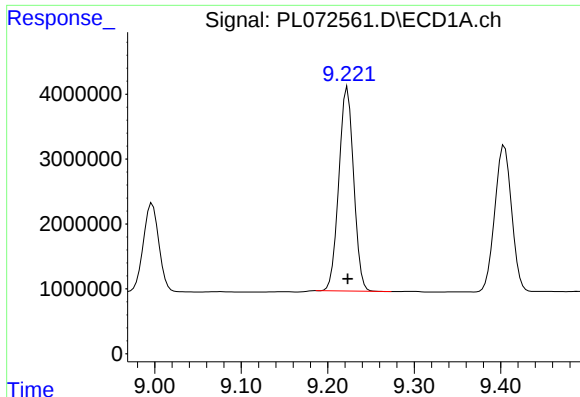
#20 Methoxychlor

R.T.: 8.997 min  
Delta R.T.: 0.000 min  
Response: 17293541  
Conc: 49.18 ng/ml



#20 Methoxychlor

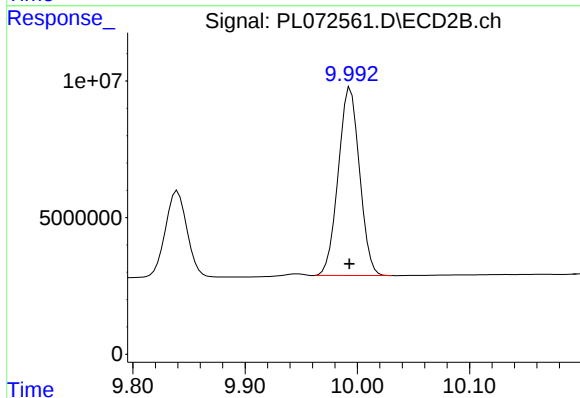
R.T.: 9.840 min  
Delta R.T.: 0.000 min  
Response: 42683342  
Conc: 52.72 ng/ml



#21 Endrin ketone

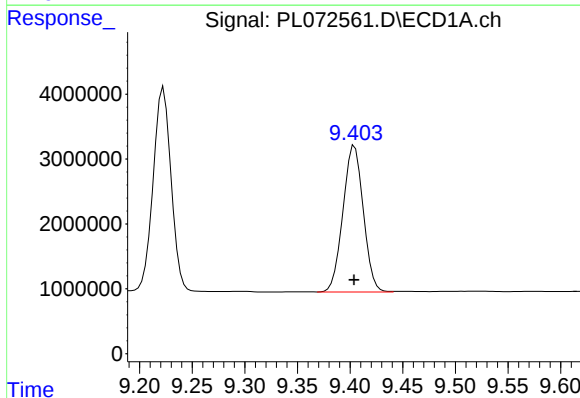
R.T.: 9.223 min  
Delta R.T.: 0.000 min  
Response: 37097526  
Conc: 53.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



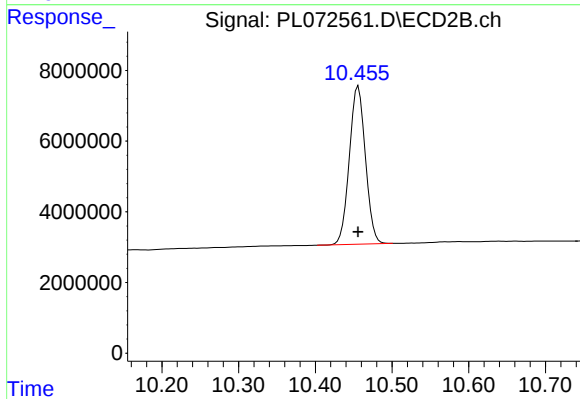
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: 0.000 min  
Response: 90635378  
Conc: 56.89 ng/ml



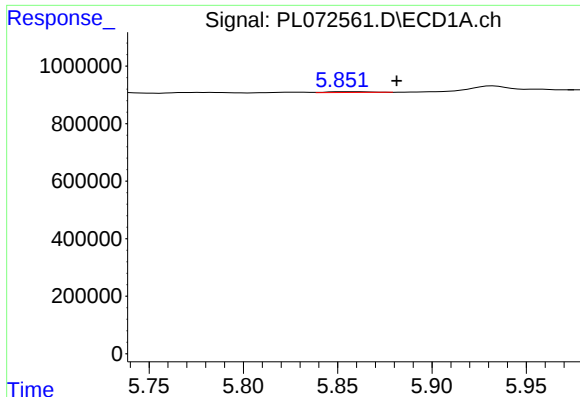
#22 Mirex

R.T.: 9.404 min  
Delta R.T.: 0.000 min  
Response: 30441936  
Conc: 51.31 ng/ml



#22 Mirex

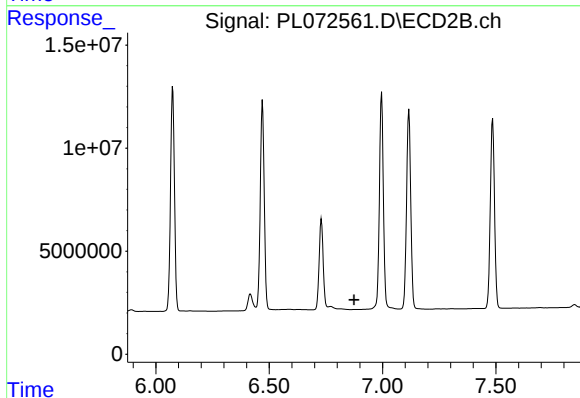
R.T.: 10.456 min  
Delta R.T.: 0.000 min  
Response: 65600204  
Conc: 55.88 ng/ml



#23 Chlordane-1

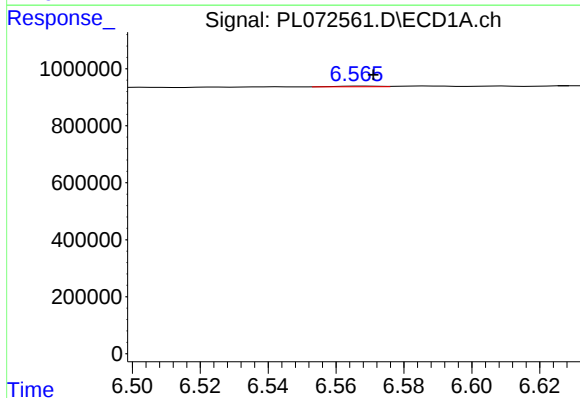
R.T.: 5.852 min  
Delta R.T.: -0.029 min  
Response: 39698  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



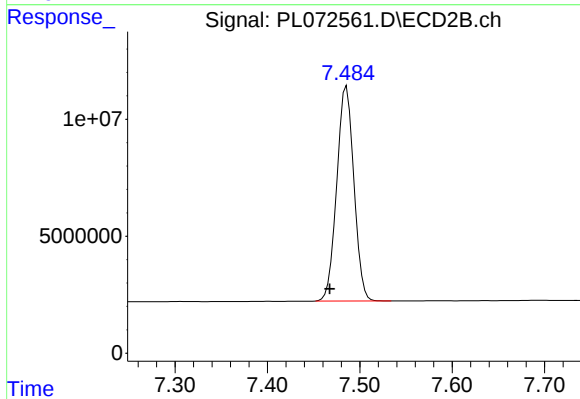
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 6.874 min  
Response: 0  
Conc: N.D.



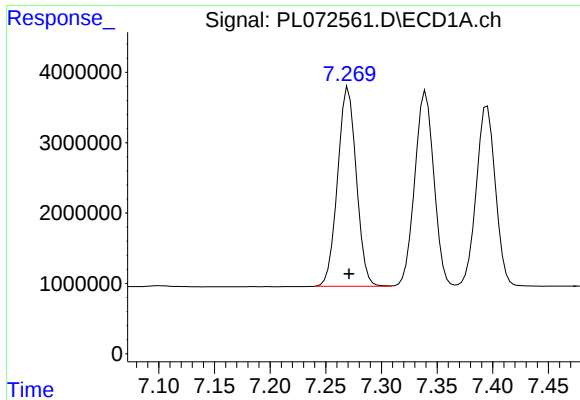
#24 Chlordane-2

R.T.: 6.567 min  
Delta R.T.: -0.004 min  
Response: 22968  
Conc: 0.91 ng/ml



#24 Chlordane-2

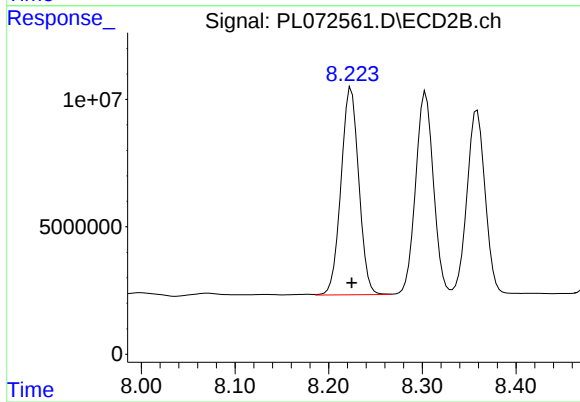
R.T.: 7.486 min  
Delta R.T.: 0.018 min  
Response: 118402707  
Conc: 1537.48 ng/ml



#25 Chlordane-3

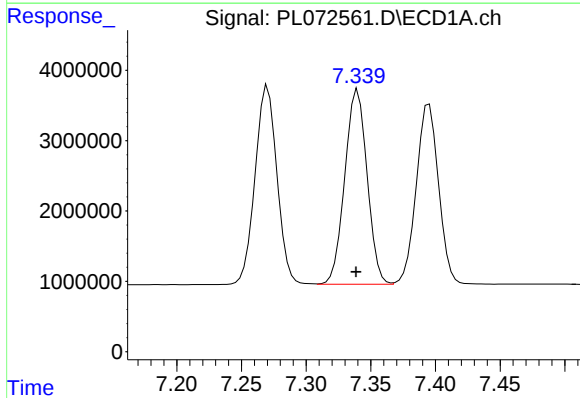
R.T.: 7.270 min  
Delta R.T.: 0.000 min  
Response: 33138098  
Conc: 491.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



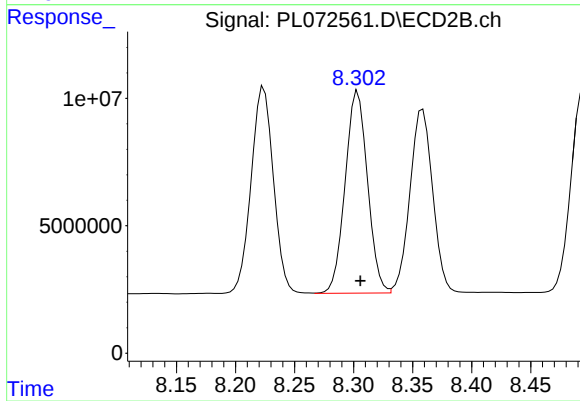
#25 Chlordane-3

R.T.: 8.224 min  
Delta R.T.: 0.000 min  
Response: 107418584  
Conc: 359.45 ng/ml



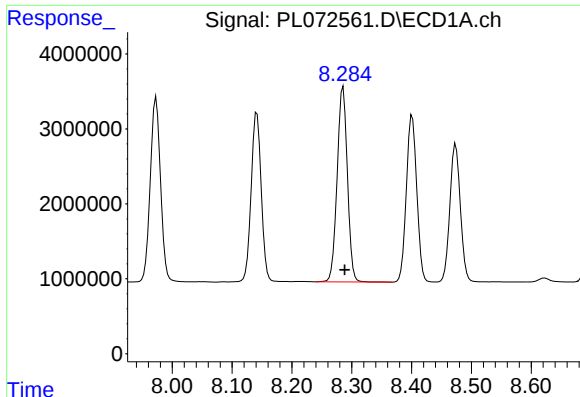
#26 Chlordane-4

R.T.: 7.340 min  
Delta R.T.: 0.001 min  
Response: 33182825  
Conc: 452.23 ng/ml



#26 Chlordane-4

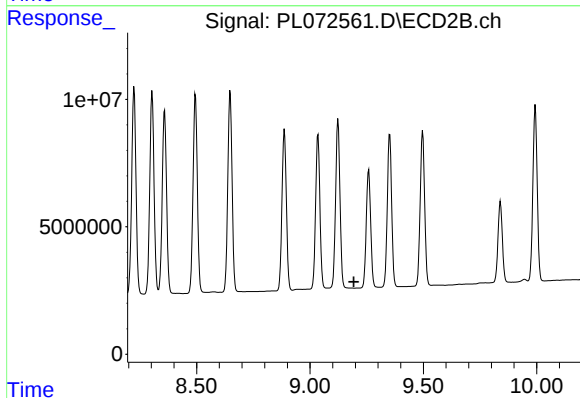
R.T.: 8.304 min  
Delta R.T.: -0.002 min  
Response: 104639973  
Conc: 293.28 ng/ml



#27 Chlordane-5

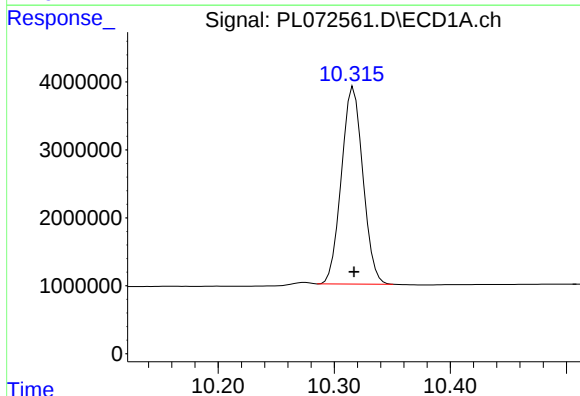
R.T.: 8.286 min  
Delta R.T.: -0.003 min  
Response: 31141595  
Conc: 1213.84 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



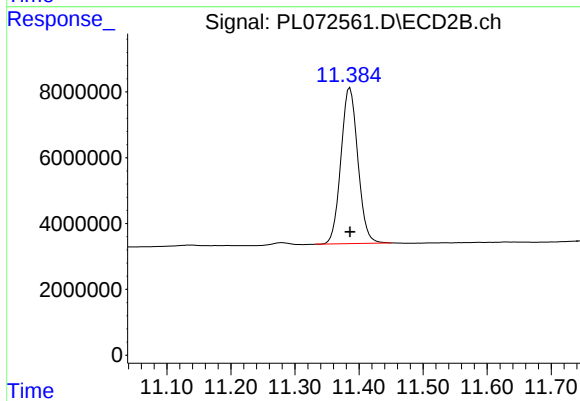
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.317 min  
Delta R.T.: 0.000 min  
Response: 37334485  
Conc: 49.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.386 min  
Delta R.T.: 0.000 min  
Response: 86874627  
Conc: 54.78 ng/ml