

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080921\  
 Data File : PL068843.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2021 18:39  
 Operator : AR\AJ  
 Sample : PB138290BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 08:33:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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... | 4.639  | 5.568  | 7585738  | 19857201 | 18.339   | 19.557     |
| 28)                         | SA Decachlor... | 10.408 | 11.489 | 11401097 | 18711218 | 19.839   | 19.285     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.346  | 6.148  | 28022123 | 73901629 | 50.659   | 54.267     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.544  | 27176310 | 70064814 | 50.073   | 53.851     |
| 4)                          | MA Heptachlor   | 6.179  | 7.193  | 28699086 | 71702310 | 48.863   | 53.411     |
| 5)                          | MB Aldrin       | 6.504  | 7.565  | 25956599 | 62671686 | 48.539   | 51.926     |
| 6)                          | B beta-BHC      | 6.147  | 6.796  | 13932490 | 36387093 | 49.423   | 56.167     |
| 7)                          | B delta-BHC     | 6.409  | 7.064  | 26567643 | 66626795 | 49.515   | 52.886     |
| 8)                          | B Heptachlo...  | 7.081  | 8.030  | 26314616 | 60458113 | 49.373   | 52.297     |
| 9)                          | A Endosulfan I  | 7.484  | 8.436  | 25177224 | 55107966 | 49.592   | 52.256     |
| 10)                         | B gamma-Chl...  | 7.358  | 8.299  | 27164742 | 59979743 | 49.567   | 52.372     |
| 11)                         | B alpha-Chl...  | 7.428  | 8.381  | 27065319 | 59166135 | 49.177   | 51.519     |
| 12)                         | B 4,4'-DDE      | 7.642  | 8.567  | 24561412 | 56453568 | 50.849   | 53.410     |
| 13)                         | MA Dieldrin     | 7.770  | 8.725  | 26436212 | 58182845 | 51.104   | 53.692     |
| 14)                         | MA Endrin       | 8.061  | 8.965  | 24479438 | 48360586 | 50.795   | 53.279     |
| 15)                         | B Endosulfa...  | 8.371  | 9.197  | 24424821 | 49408955 | 50.916   | 53.870     |
| 16)                         | A 4,4'-DDD      | 8.227  | 9.107  | 21682186 | 45546022 | 50.518   | 53.302     |
| 17)                         | MA 4,4'-DDT     | 8.488  | 9.424  | 24055384 | 47273171 | 49.531   | 49.952     |
| 18)                         | B Endrin al...  | 8.560  | 9.332  | 21650656 | 41982658 | 57.736   | 59.910     |
| 19)                         | B Endosulfa...  | 8.790  | 9.570  | 26677583 | 48779272 | 51.856   | 53.515     |
| 20)                         | A Methoxychlor  | 9.083  | 9.909  | 15378613 | 25776258 | 49.126   | 49.532     |
| 21)                         | B Endrin ke...  | 9.309  | 10.068 | 30568091 | 53660192 | 52.249   | 52.697     |
| 22)                         | Mirex           | 9.498  | 10.535 | 24947852 | 38920493 | 49.791   | 49.210     |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 62671686 | N.D.     | 1446.427 # |
| 25)                         | Chlordane-3     | 7.358  | 8.299  | 27164742 | 59979743 | 517.890  | 367.173 #  |
| 26)                         | Chlordane-4     | 7.428  | 8.381  | 27065319 | 59166135 | 486.276  | 298.333 #  |
| 27)                         | Chlordane-5     | 8.371  | 0.000  | 24424821 | 0        | 1184.446 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

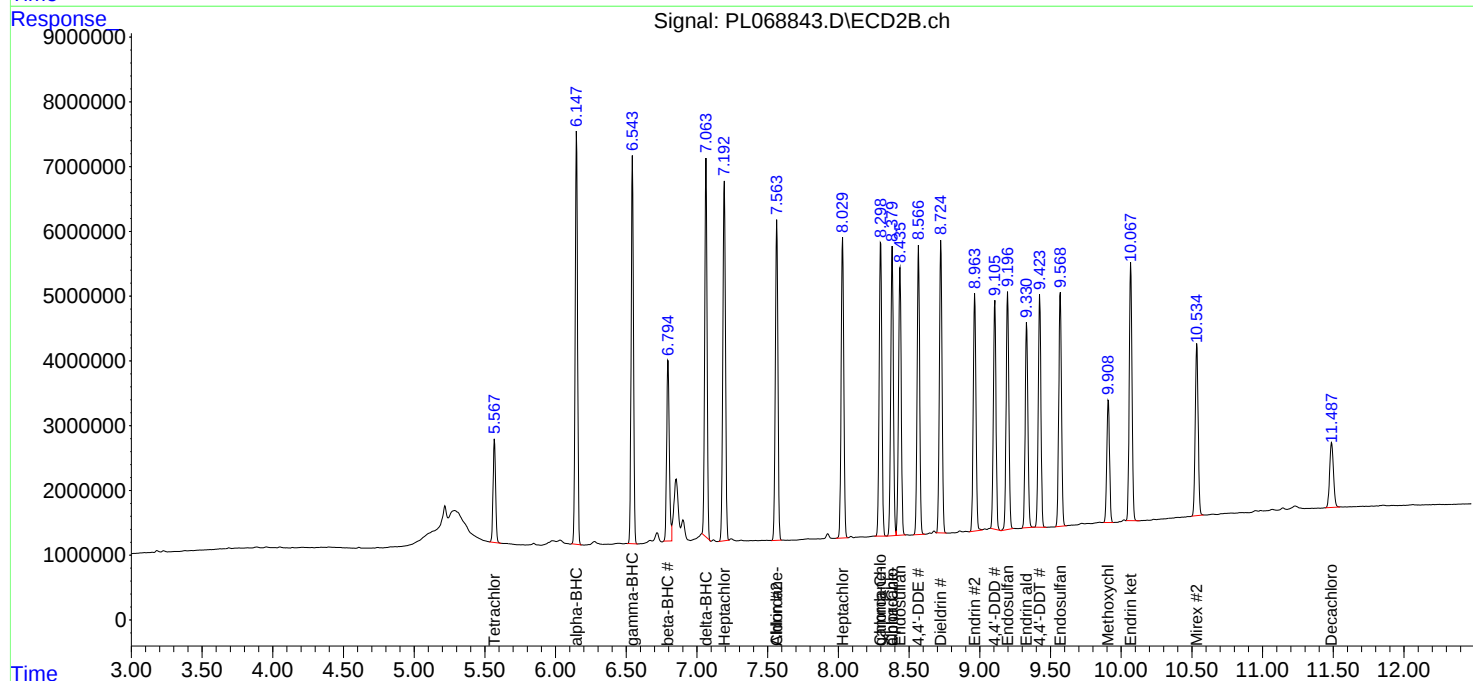
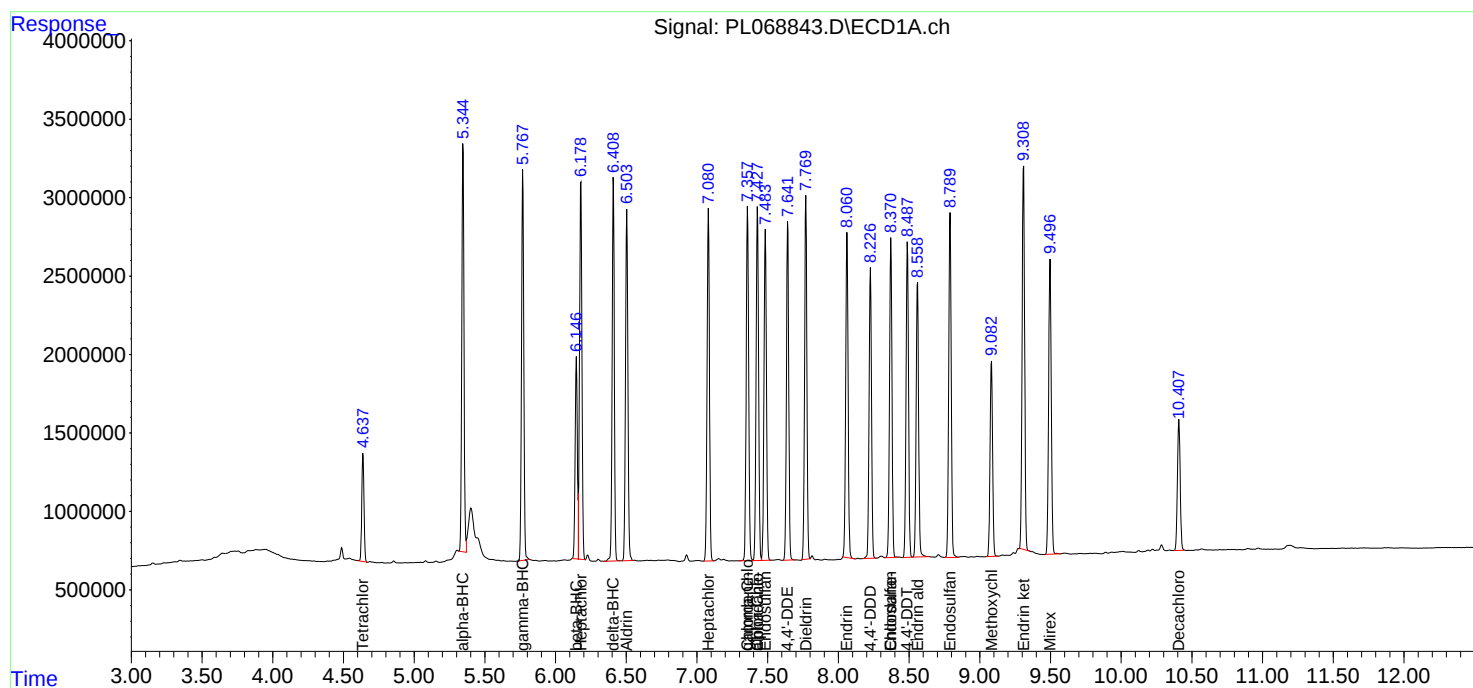
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

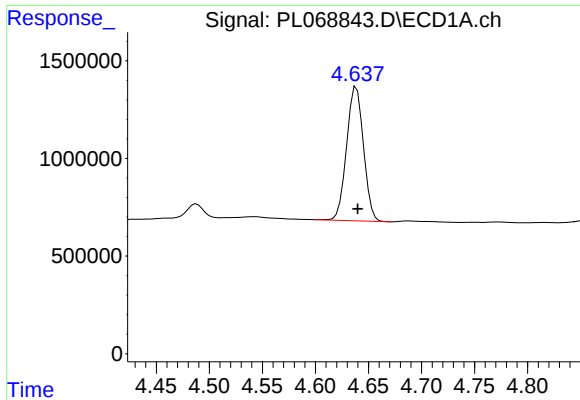
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080921\  
Data File : PL068843.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2021 18:39  
Operator : AR\AJ  
Sample : PB138290BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 08:33:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 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

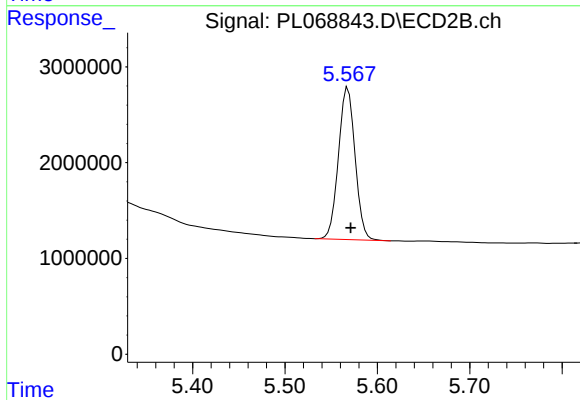




#1 Tetrachloro-m-xylene

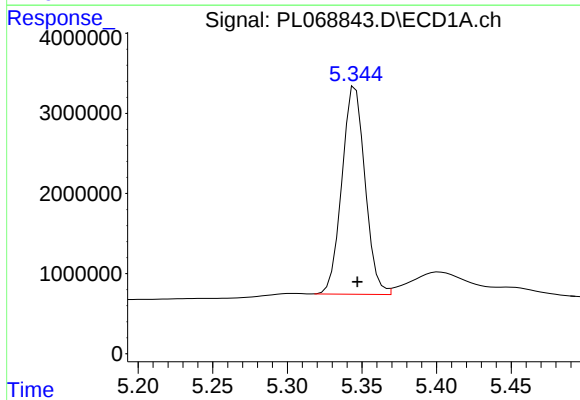
R.T.: 4.639 min  
Delta R.T.: -0.001 min  
Response: 7585738  
Conc: 18.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



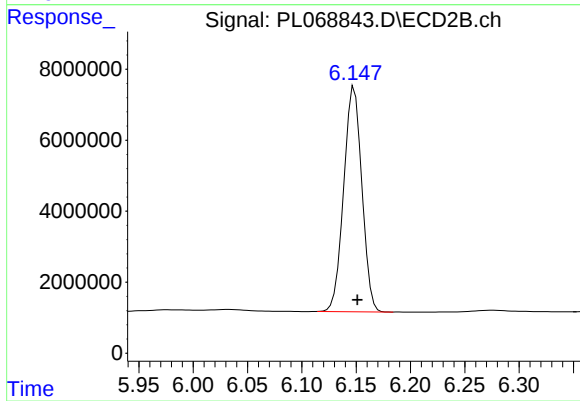
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 19857201  
Conc: 19.56 ng/ml



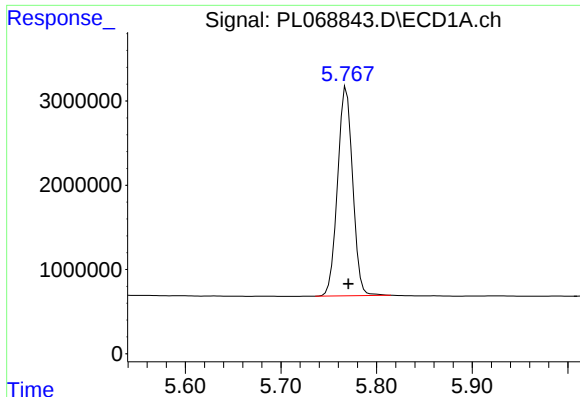
#2 alpha-BHC

R.T.: 5.346 min  
Delta R.T.: -0.001 min  
Response: 28022123  
Conc: 50.66 ng/ml



#2 alpha-BHC

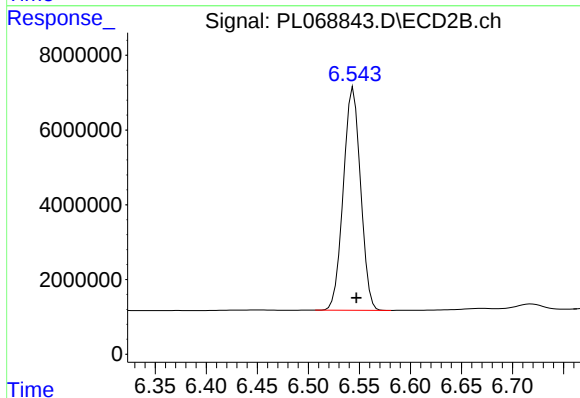
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 73901629  
Conc: 54.27 ng/ml



#3 gamma-BHC (Lindane)

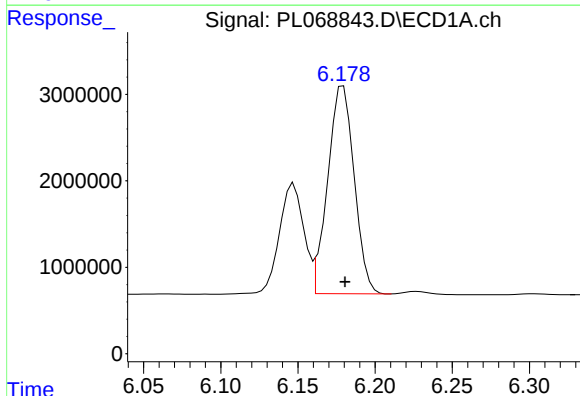
R.T.: 5.768 min  
Delta R.T.: -0.002 min  
Response: 27176310  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



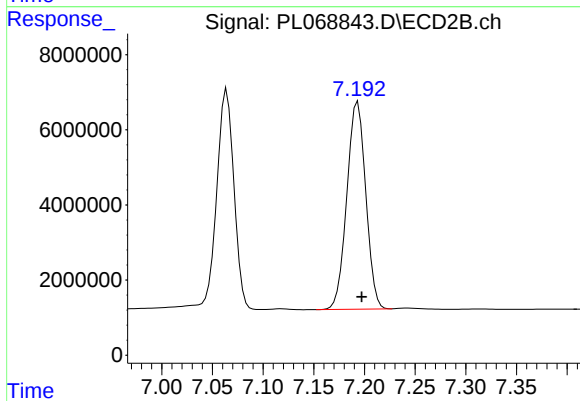
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 70064814  
Conc: 53.85 ng/ml



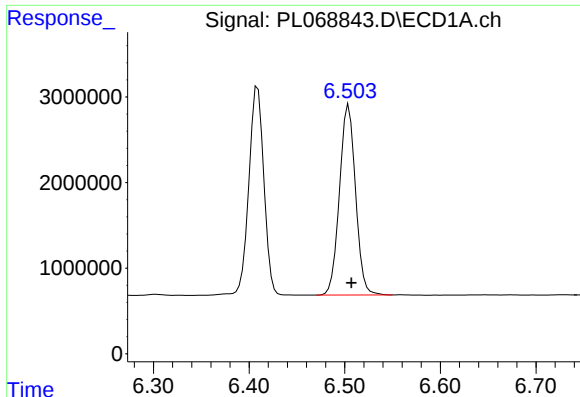
#4 Heptachlor

R.T.: 6.179 min  
Delta R.T.: -0.001 min  
Response: 28699086  
Conc: 48.86 ng/ml



#4 Heptachlor

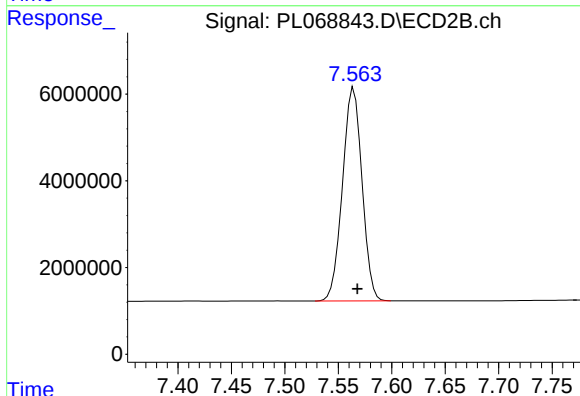
R.T.: 7.193 min  
Delta R.T.: -0.004 min  
Response: 71702310  
Conc: 53.41 ng/ml



#5 Aldrin

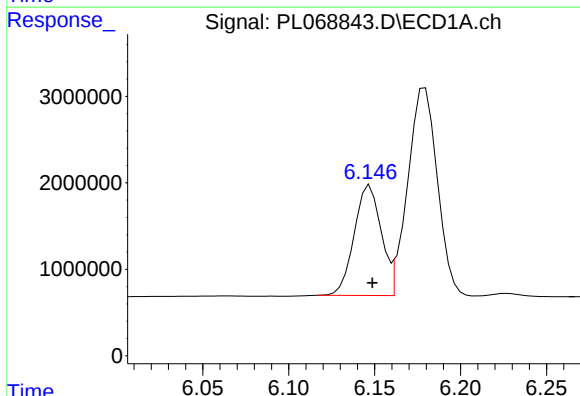
R.T.: 6.504 min  
Delta R.T.: -0.003 min  
Response: 25956599  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



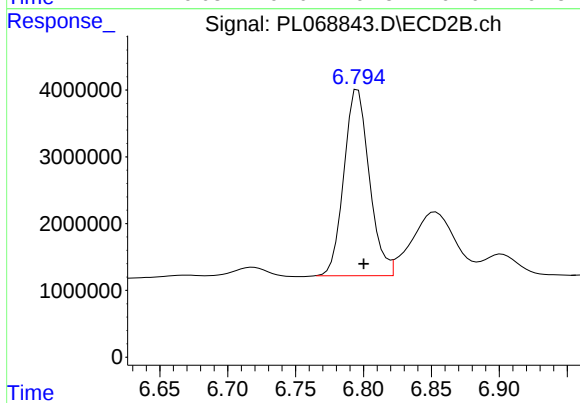
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: -0.003 min  
Response: 62671686  
Conc: 51.93 ng/ml



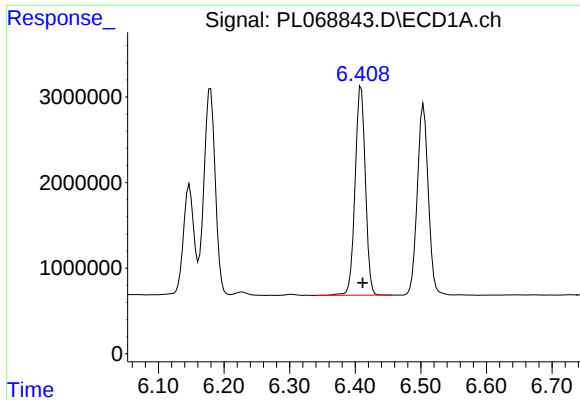
#6 beta-BHC

R.T.: 6.147 min  
Delta R.T.: -0.001 min  
Response: 13932490  
Conc: 49.42 ng/ml



#6 beta-BHC

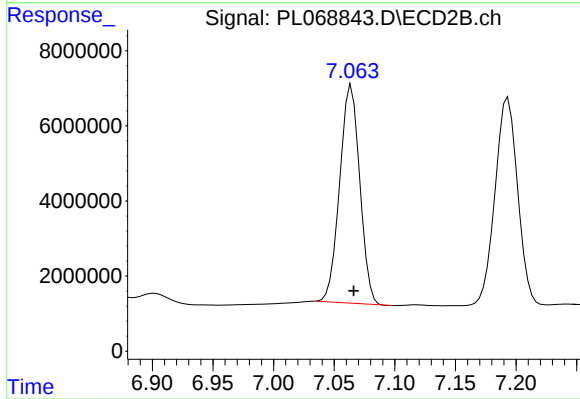
R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 36387093  
Conc: 56.17 ng/ml



#7 delta-BHC

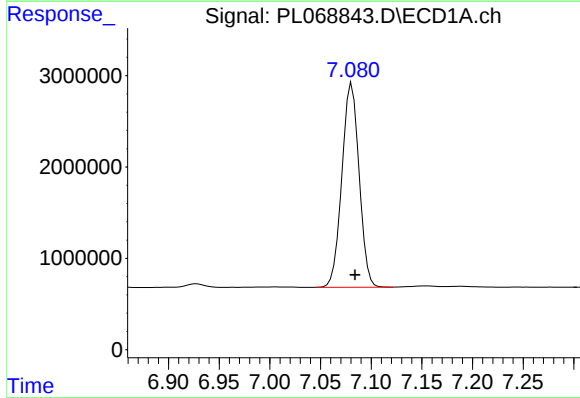
R.T.: 6.409 min  
Delta R.T.: -0.002 min  
Response: 26567643  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



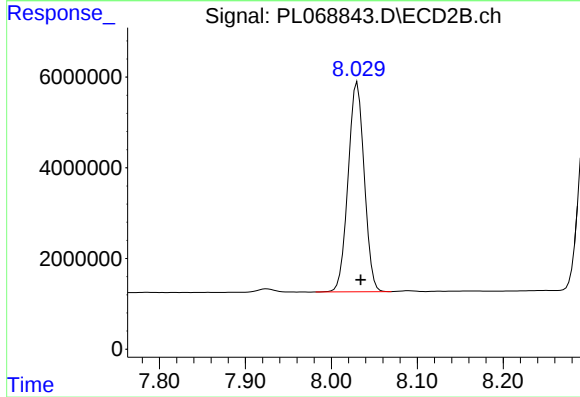
#7 delta-BHC

R.T.: 7.064 min  
Delta R.T.: -0.002 min  
Response: 66626795  
Conc: 52.89 ng/ml



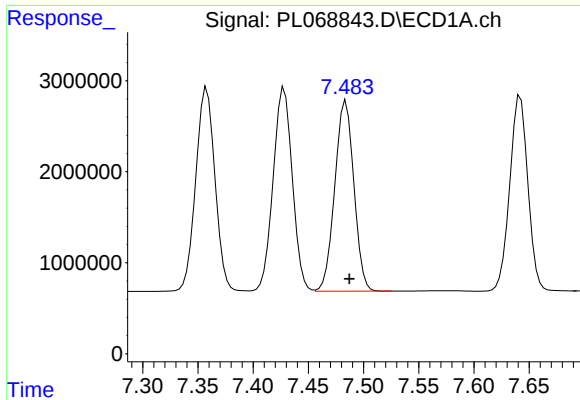
#8 Heptachlor epoxide

R.T.: 7.081 min  
Delta R.T.: -0.003 min  
Response: 26314616  
Conc: 49.37 ng/ml



#8 Heptachlor epoxide

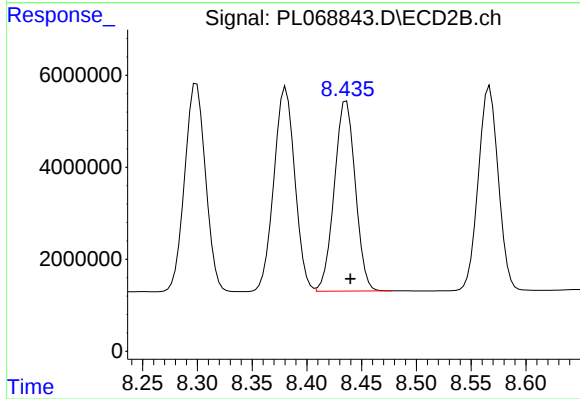
R.T.: 8.030 min  
Delta R.T.: -0.004 min  
Response: 60458113  
Conc: 52.30 ng/ml



#9 Endosulfan I

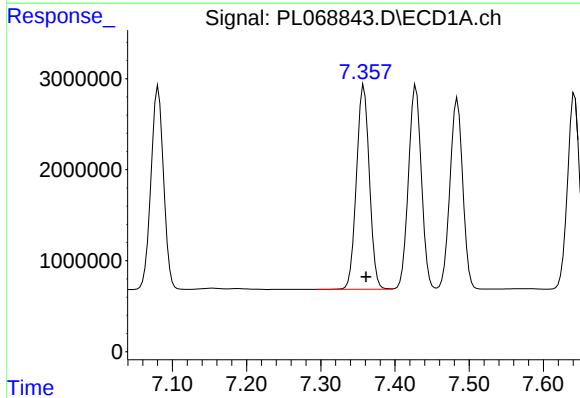
R.T.: 7.484 min  
Delta R.T.: -0.003 min  
Response: 25177224  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



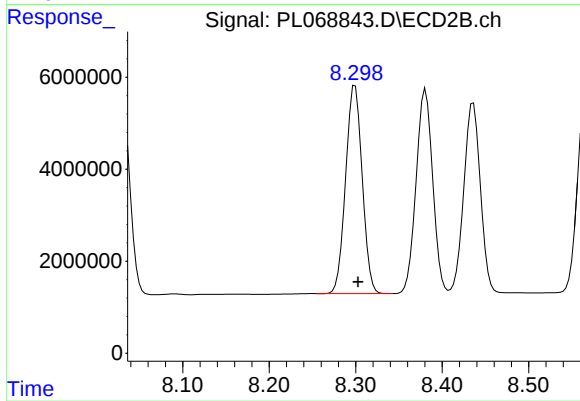
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.004 min  
Response: 55107966  
Conc: 52.26 ng/ml



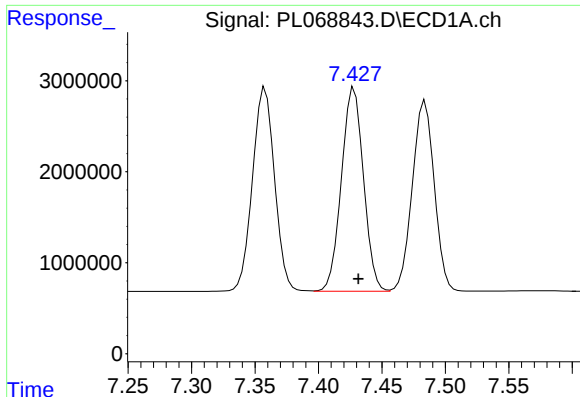
#10 gamma-Chlordane

R.T.: 7.358 min  
Delta R.T.: -0.003 min  
Response: 27164742  
Conc: 49.57 ng/ml



#10 gamma-Chlordane

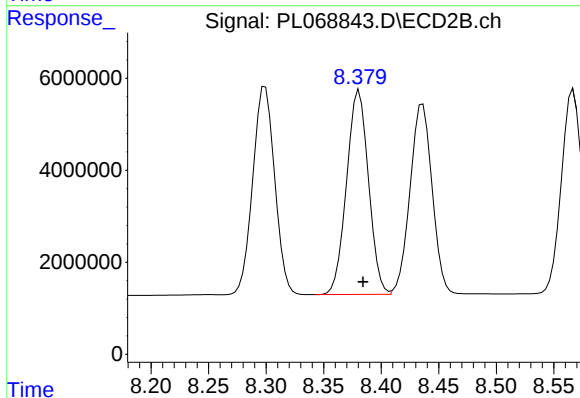
R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 59979743  
Conc: 52.37 ng/ml



#11 alpha-Chlordane

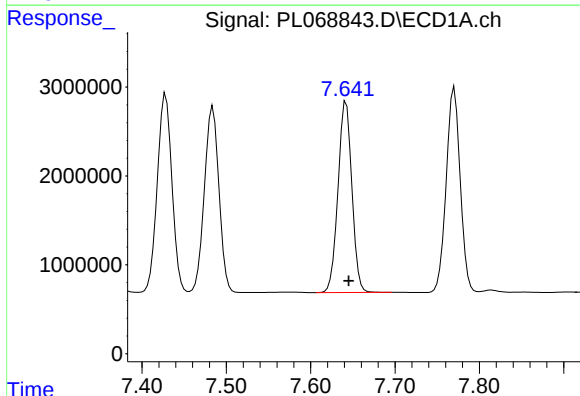
R.T.: 7.428 min  
Delta R.T.: -0.003 min  
Response: 27065319  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



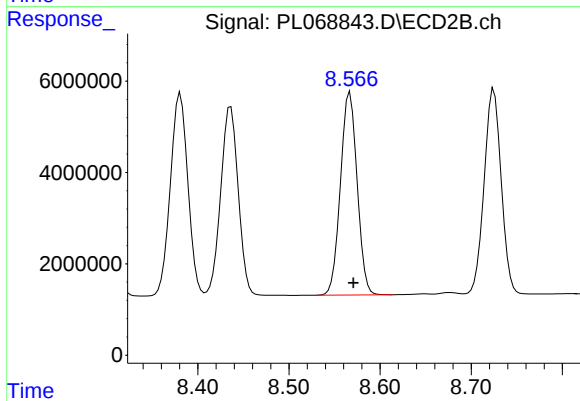
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.003 min  
Response: 59166135  
Conc: 51.52 ng/ml



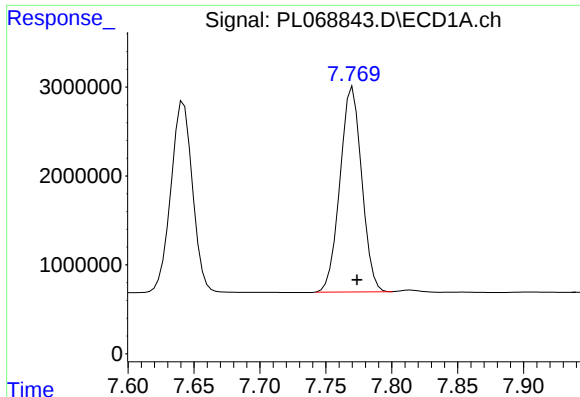
#12 4,4'-DDE

R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 24561412  
Conc: 50.85 ng/ml



#12 4,4'-DDE

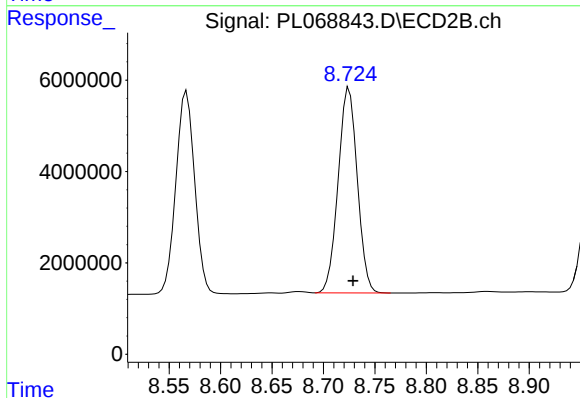
R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 56453568  
Conc: 53.41 ng/ml



#13 Dieldrin

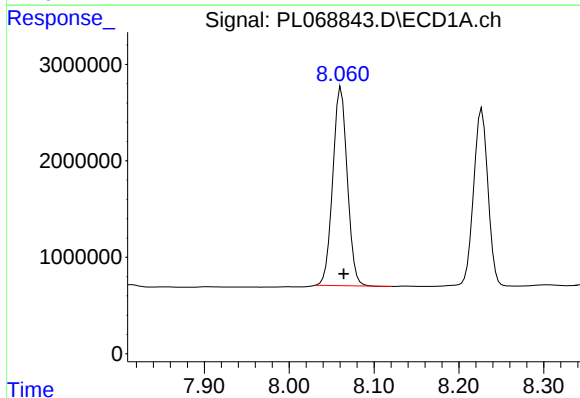
R.T.: 7.770 min  
Delta R.T.: -0.003 min  
Response: 26436212  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



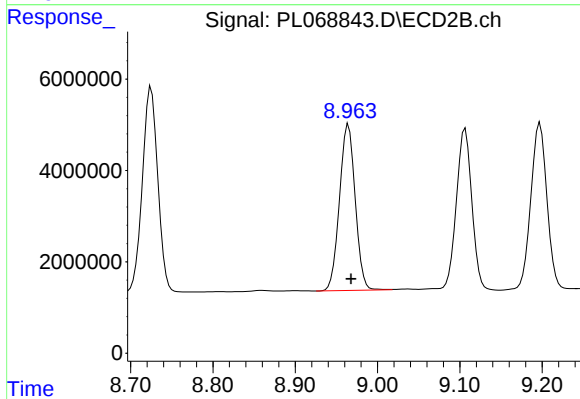
#13 Dieldrin

R.T.: 8.725 min  
Delta R.T.: -0.004 min  
Response: 58182845  
Conc: 53.69 ng/ml



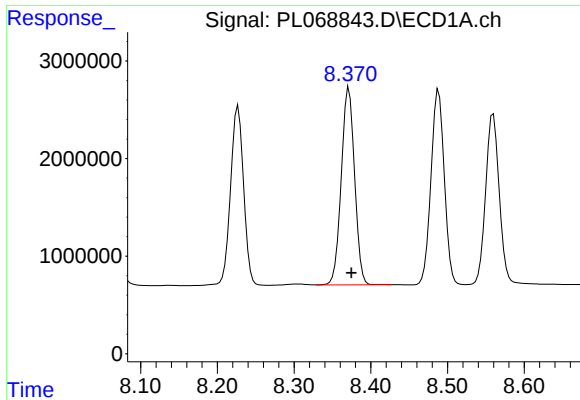
#14 Endrin

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 24479438  
Conc: 50.80 ng/ml



#14 Endrin

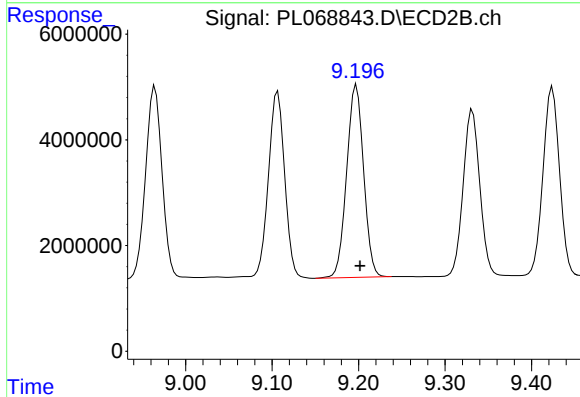
R.T.: 8.965 min  
Delta R.T.: -0.003 min  
Response: 48360586  
Conc: 53.28 ng/ml



#15 Endosulfan II

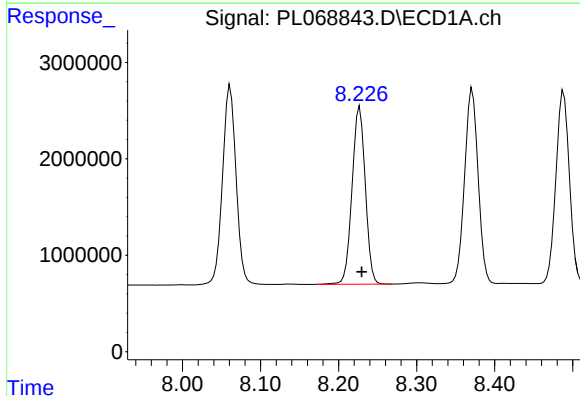
R.T.: 8.371 min  
Delta R.T.: -0.003 min  
Response: 24424821  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



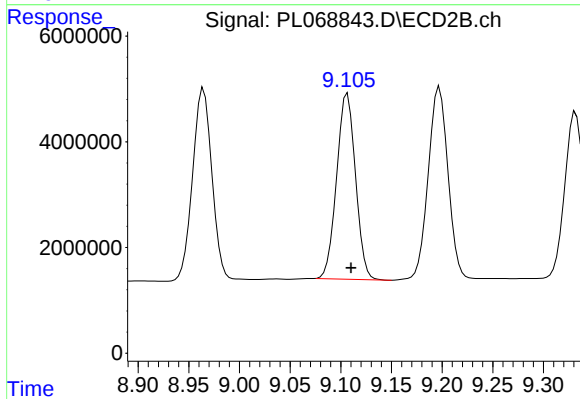
#15 Endosulfan II

R.T.: 9.197 min  
Delta R.T.: -0.004 min  
Response: 49408955  
Conc: 53.87 ng/ml



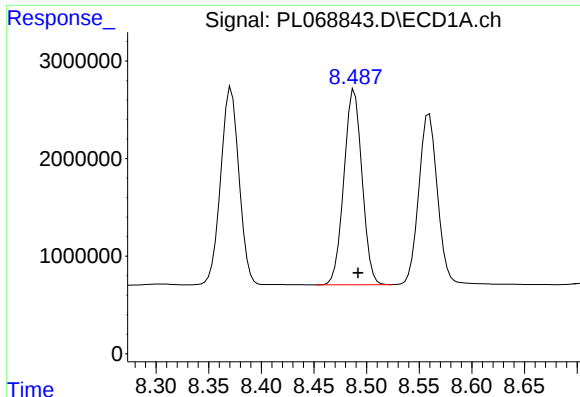
#16 4,4'-DDD

R.T.: 8.227 min  
Delta R.T.: -0.003 min  
Response: 21682186  
Conc: 50.52 ng/ml



#16 4,4'-DDD

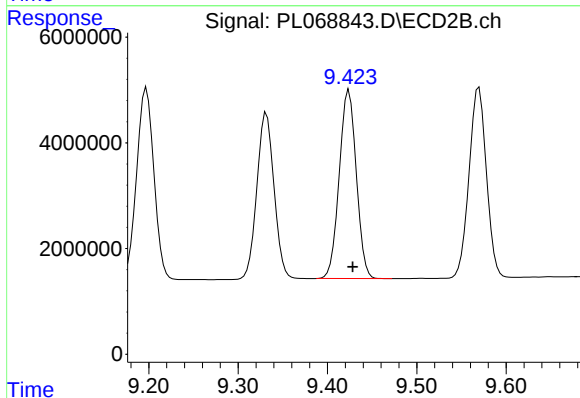
R.T.: 9.107 min  
Delta R.T.: -0.003 min  
Response: 45546022  
Conc: 53.30 ng/ml



#17 4,4'-DDT

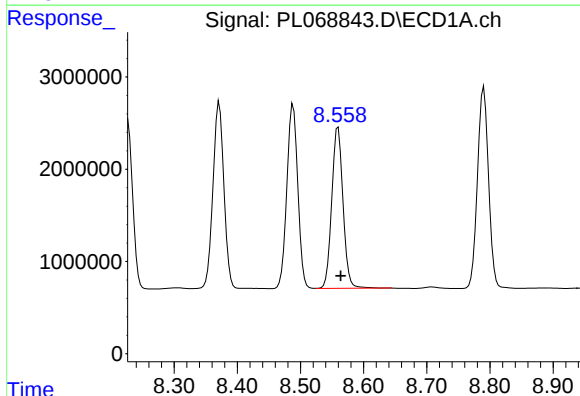
R.T.: 8.488 min  
Delta R.T.: -0.004 min  
Response: 24055384  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



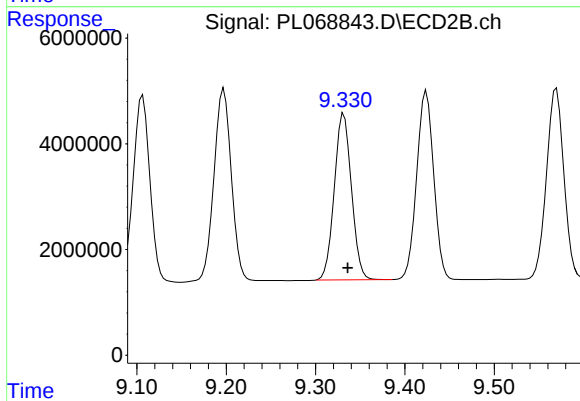
#17 4,4'-DDT

R.T.: 9.424 min  
Delta R.T.: -0.004 min  
Response: 47273171  
Conc: 49.95 ng/ml



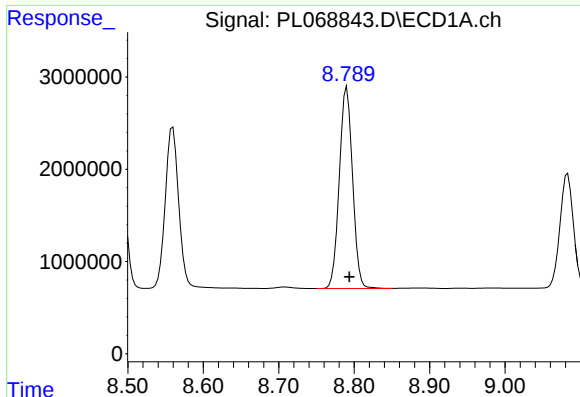
#18 Endrin aldehyde

R.T.: 8.560 min  
Delta R.T.: -0.004 min  
Response: 21650656  
Conc: 57.74 ng/ml



#18 Endrin aldehyde

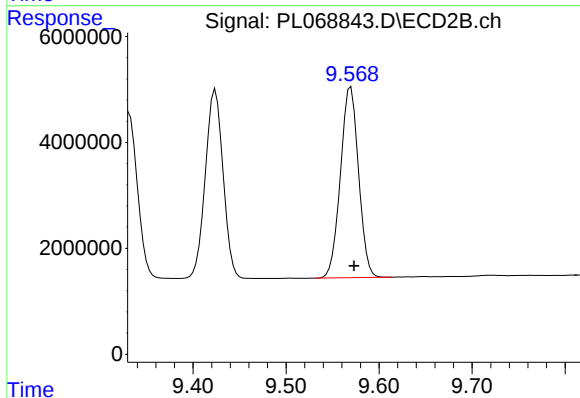
R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 41982658  
Conc: 59.91 ng/ml



#19 Endosulfan Sulfate

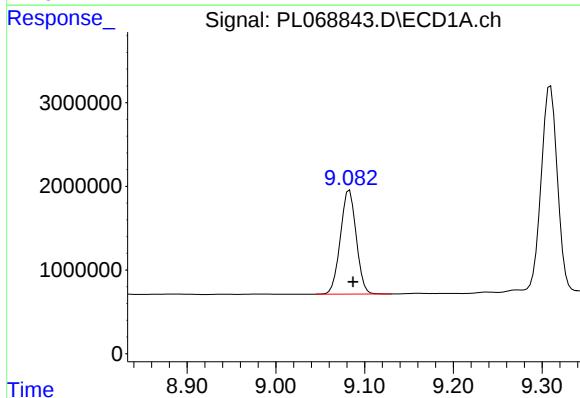
R.T.: 8.790 min  
Delta R.T.: -0.003 min  
Response: 26677583  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



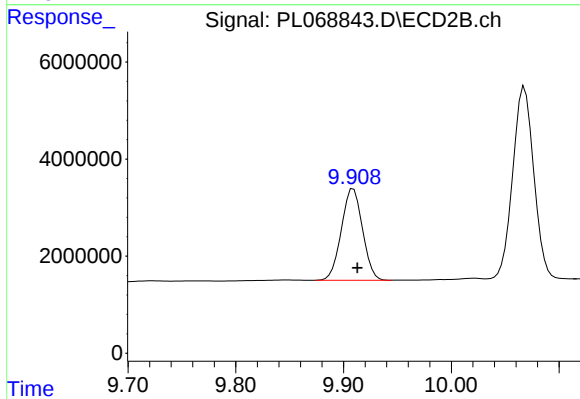
#19 Endosulfan Sulfate

R.T.: 9.570 min  
Delta R.T.: -0.003 min  
Response: 48779272  
Conc: 53.52 ng/ml



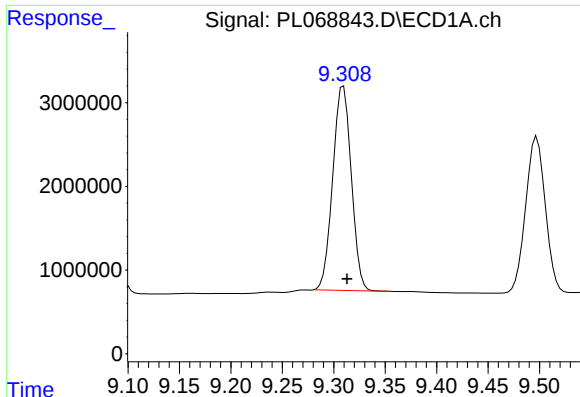
#20 Methoxychlor

R.T.: 9.083 min  
Delta R.T.: -0.004 min  
Response: 15378613  
Conc: 49.13 ng/ml



#20 Methoxychlor

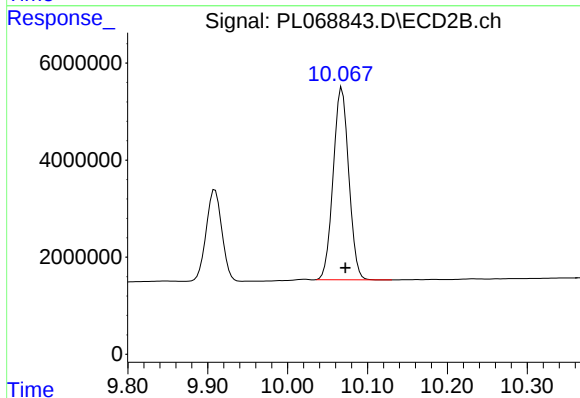
R.T.: 9.909 min  
Delta R.T.: -0.004 min  
Response: 25776258  
Conc: 49.53 ng/ml



#21 Endrin ketone

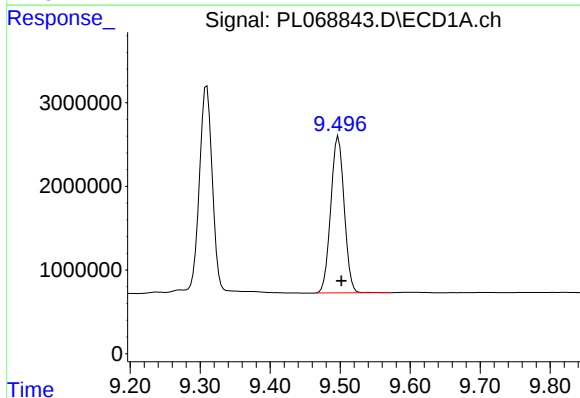
R.T.: 9.309 min  
Delta R.T.: -0.004 min  
Response: 30568091  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



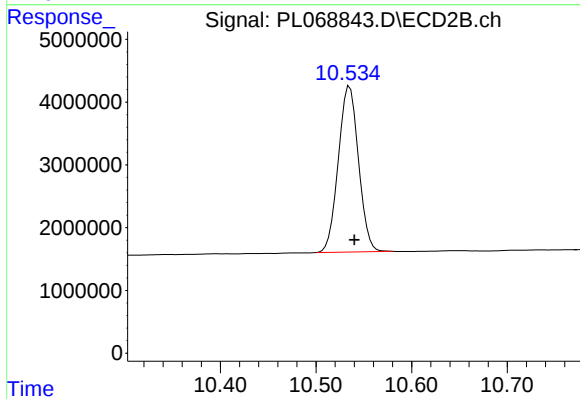
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.005 min  
Response: 53660192  
Conc: 52.70 ng/ml



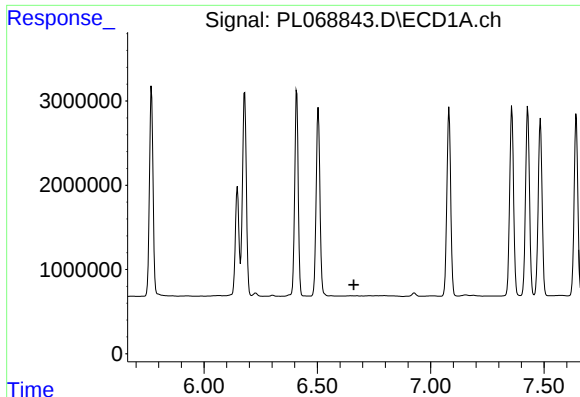
#22 Mirex

R.T.: 9.498 min  
Delta R.T.: -0.005 min  
Response: 24947852  
Conc: 49.79 ng/ml



#22 Mirex

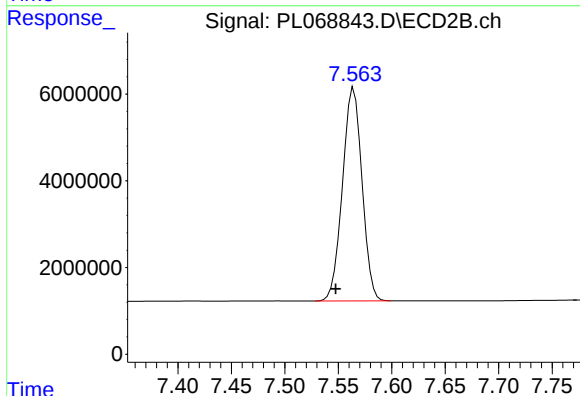
R.T.: 10.535 min  
Delta R.T.: -0.005 min  
Response: 38920493  
Conc: 49.21 ng/ml



#24 Chlordane-2

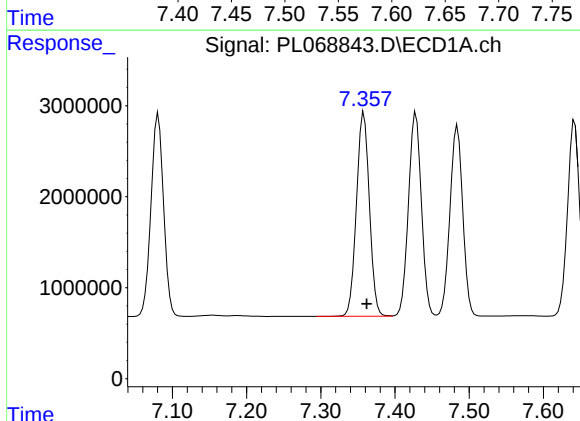
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



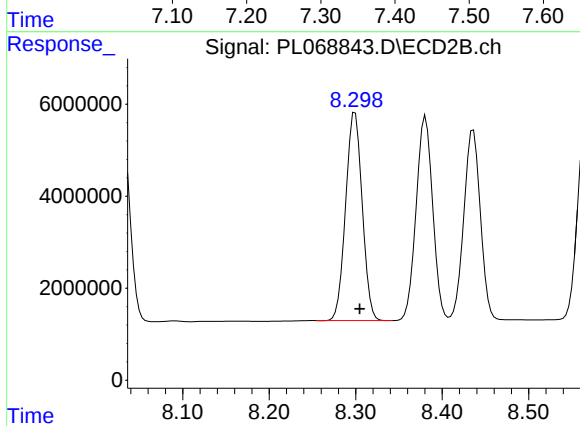
#24 Chlordane-2

R.T.: 7.565 min  
Delta R.T.: 0.017 min  
Response: 62671686  
Conc: 1446.43 ng/ml



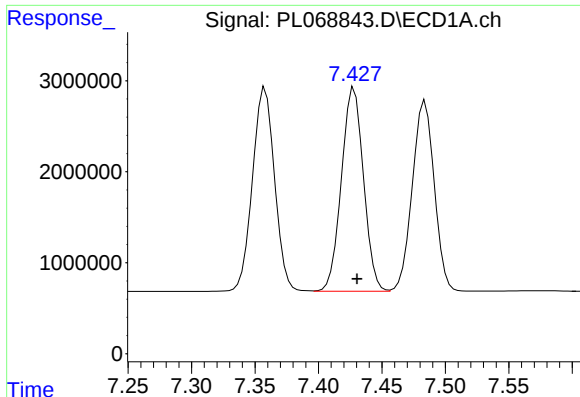
#25 Chlordane-3

R.T.: 7.358 min  
Delta R.T.: -0.004 min  
Response: 27164742  
Conc: 517.89 ng/ml



#25 Chlordane-3

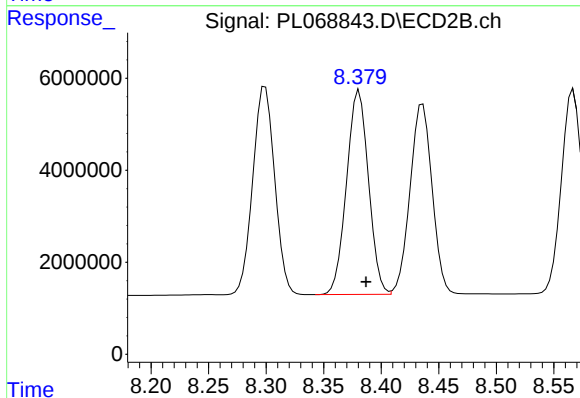
R.T.: 8.299 min  
Delta R.T.: -0.005 min  
Response: 59979743  
Conc: 367.17 ng/ml



#26 Chlordane-4

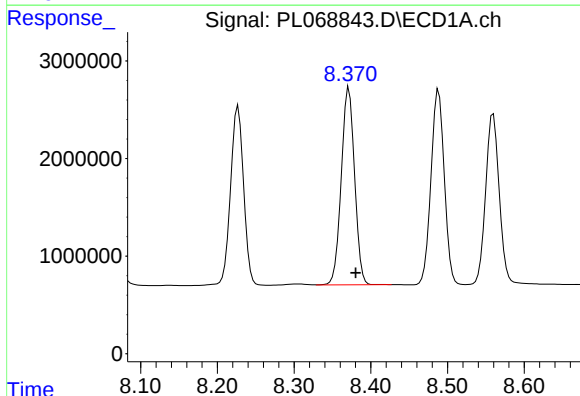
R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 27065319  
Conc: 486.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



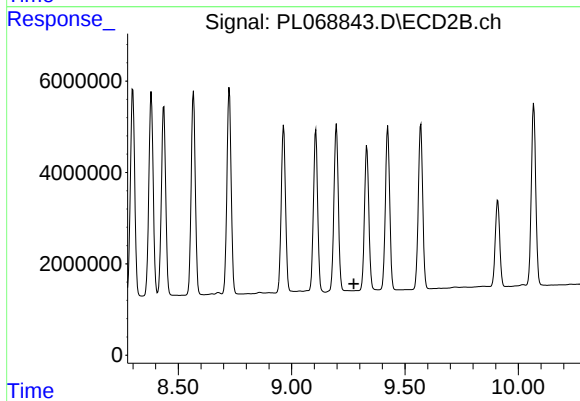
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.006 min  
Response: 59166135  
Conc: 298.33 ng/ml



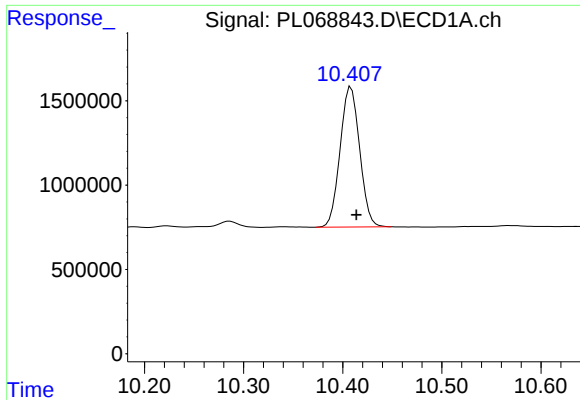
#27 Chlordane-5

R.T.: 8.371 min  
Delta R.T.: -0.009 min  
Response: 24424821  
Conc: 1184.45 ng/ml



#27 Chlordane-5

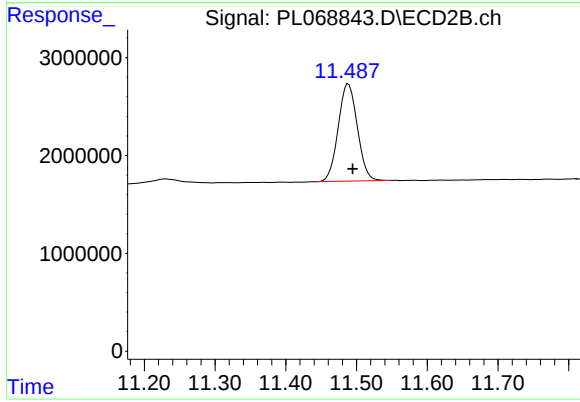
R.T.: 0.000 min  
Exp R.T.: 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.408 min  
Delta R.T.: -0.005 min  
Response: 11401097  
Conc: 19.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.489 min  
Delta R.T.: -0.006 min  
Response: 18711218  
Conc: 19.29 ng/ml