

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081021\  
 Data File : PL068880.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2021 17:52  
 Operator : AR\AJ  
 Sample : PB138308BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138308BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 11 01:30:34 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... | 4.637  | 5.568  | 8228900  | 23390556 | 19.894   | 23.037     |
| 28)                         | SA Decachlor... | 10.406 | 11.488 | 12031600 | 21009358 | 20.936   | 21.654     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.344  | 6.148  | 31138861 | 87938413 | 56.294   | 64.574     |
| 3)                          | MA gamma-BHC... | 5.767  | 6.544  | 29825029 | 82312840 | 54.954   | 63.265     |
| 4)                          | MA Heptachlor   | 6.177  | 7.193  | 31164828 | 82074290 | 53.061   | 61.137     |
| 5)                          | MB Aldrin       | 6.503  | 7.564  | 28538037 | 73478875 | 53.366   | 60.881     |
| 6)                          | B beta-BHC      | 6.145  | 6.796  | 15342343 | 40109509 | 54.425   | 61.912     |
| 7)                          | B delta-BHC     | 6.407  | 7.064  | 28915972 | 76466203 | 53.892   | 60.696     |
| 8)                          | B Heptachlor... | 7.079  | 8.030  | 28620613 | 71600134 | 53.700   | 61.935     |
| 9)                          | A Endosulfan I  | 7.481  | 8.436  | 27301401 | 64110055 | 53.776   | 60.792     |
| 10)                         | B gamma-Chl...  | 7.356  | 8.299  | 29637899 | 69248047 | 54.080   | 60.465     |
| 11)                         | B alpha-Chl...  | 7.426  | 8.380  | 29407418 | 68626121 | 53.433   | 59.756     |
| 12)                         | B 4,4'-DDE      | 7.639  | 8.567  | 26793765 | 64457582 | 55.470   | 60.983     |
| 13)                         | MA Dieldrin     | 7.768  | 8.725  | 28736239 | 66321438 | 55.550   | 61.202     |
| 14)                         | MA Endrin       | 8.059  | 8.964  | 27492108 | 53710971 | 57.047   | 59.173     |
| 15)                         | B Endosulfa...  | 8.369  | 9.197  | 26391913 | 56310465 | 55.017   | 61.395     |
| 16)                         | A 4,4'-DDD      | 8.225  | 9.106  | 23742645 | 52636365 | 55.319   | 61.600     |
| 17)                         | MA 4,4'-DDT     | 8.486  | 9.424  | 25374095 | 52227411 | 52.246   | 55.187     |
| 18)                         | B Endrin al...  | 8.558  | 9.331  | 23421814 | 47538751 | 62.460   | 67.838     |
| 19)                         | B Endosulfa...  | 8.788  | 9.569  | 28337291 | 54787213 | 55.082   | 60.107     |
| 20)                         | A Methoxychlor  | 9.080  | 9.908  | 16056123 | 25516056 | 51.291   | 49.032     |
| 21)                         | B Endrin ke...  | 9.307  | 10.067 | 31435203 | 60490601 | 53.731   | 59.405     |
| 22)                         | Mirex           | 9.495  | 10.534 | 26069050 | 43397923 | 52.029   | 54.871     |
| 23)                         | Chlordane-1     | 0.000  | 6.976f | 0        | 247568   | N.D.     | 5.871 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.564f | 0        | 73478875 | N.D.     | 1695.851 # |
| 25)                         | Chlordane-3     | 7.356  | 8.299  | 29637899 | 69248047 | 565.040  | 423.909    |
| 26)                         | Chlordane-4     | 7.426  | 8.380  | 29407418 | 68626121 | 528.356  | 346.033 #  |
| 27)                         | Chlordane-5     | 8.369  | 0.000  | 26391913 | 0        | 1279.837 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

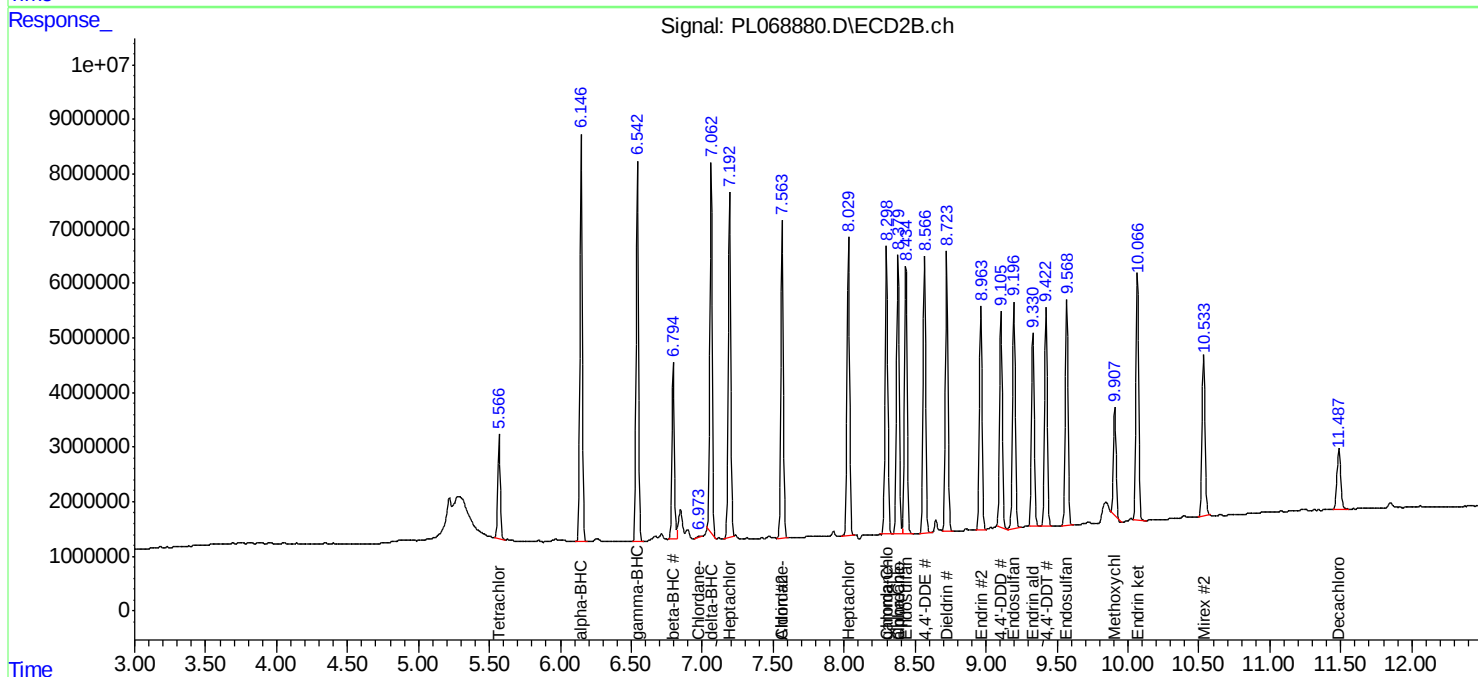
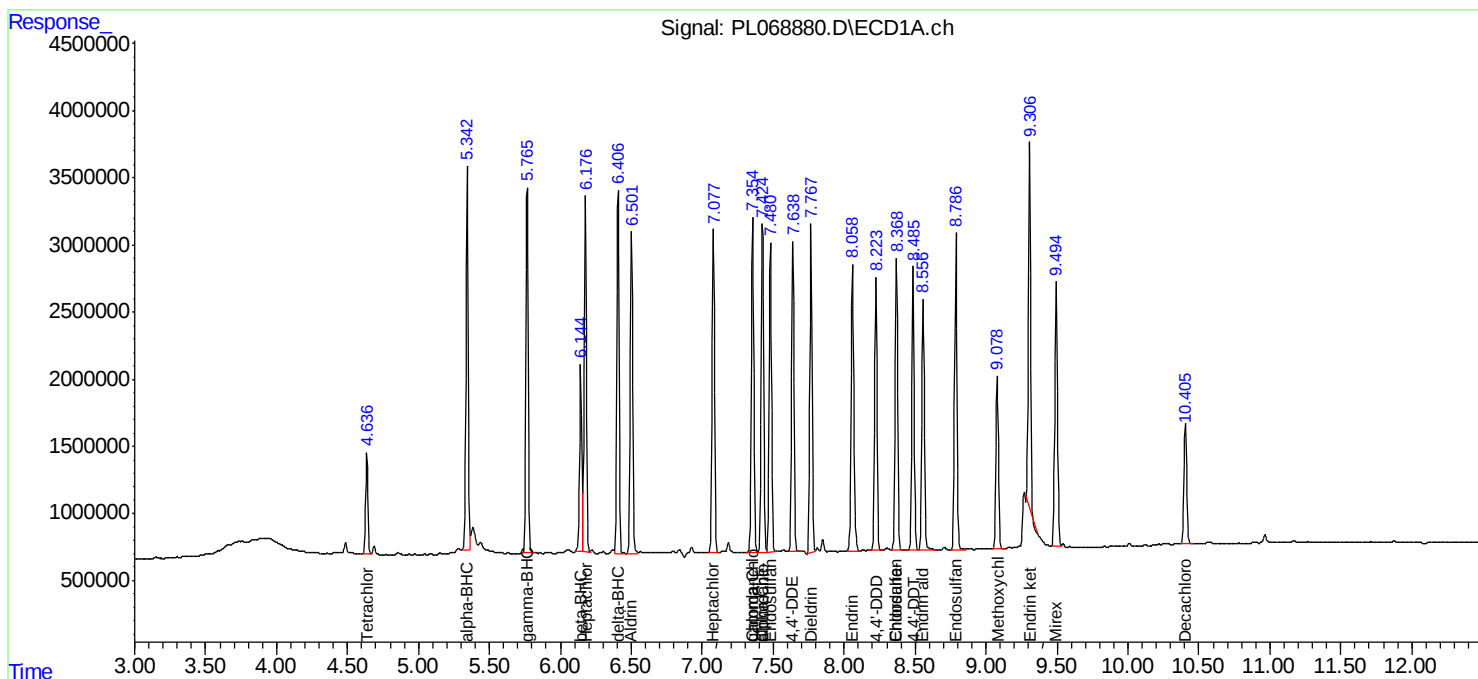
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

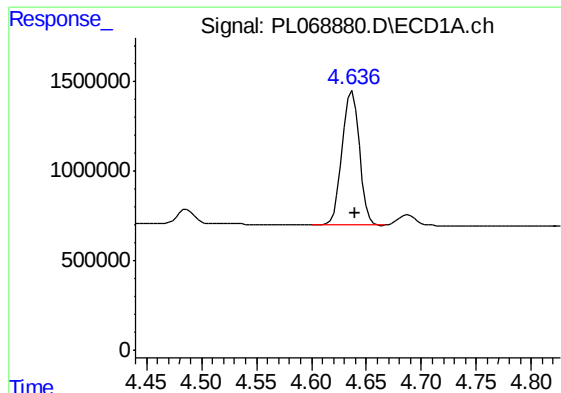
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081021\  
Data File : PL068880.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2021 17:52  
Operator : AR\AJ  
Sample : PB138308BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 01:30:34 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

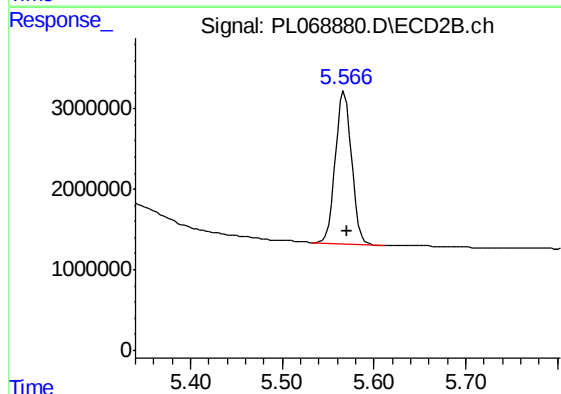




#1 Tetrachloro-m-xylene

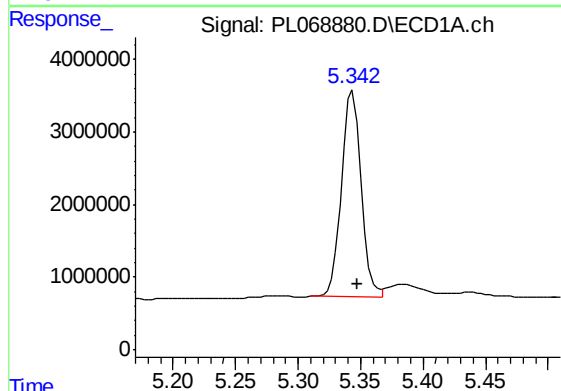
R.T.: 4.637 min  
Delta R.T.: -0.003 min  
Response: 8228900  
Conc: 19.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



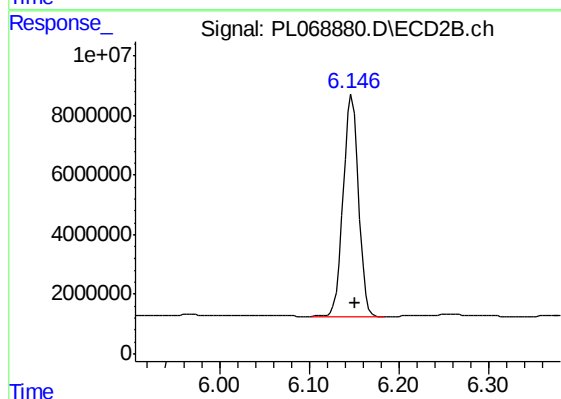
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 23390556  
Conc: 23.04 ng/ml



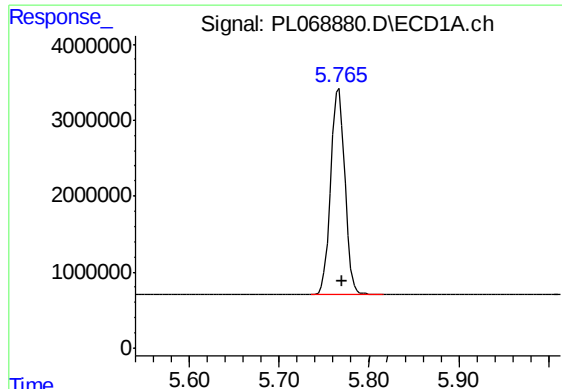
#2 alpha-BHC

R.T.: 5.344 min  
Delta R.T.: -0.003 min  
Response: 31138861  
Conc: 56.29 ng/ml



#2 alpha-BHC

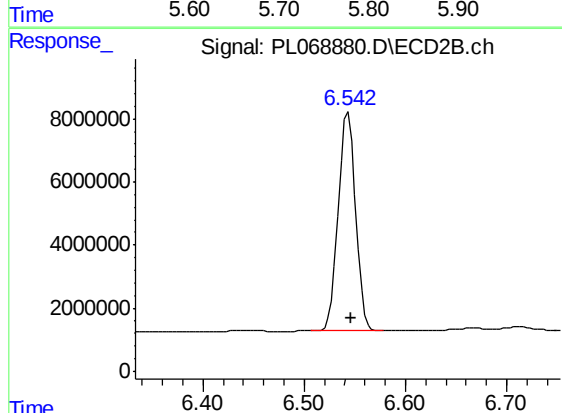
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 87938413  
Conc: 64.57 ng/ml



#3 gamma-BHC (Lindane)

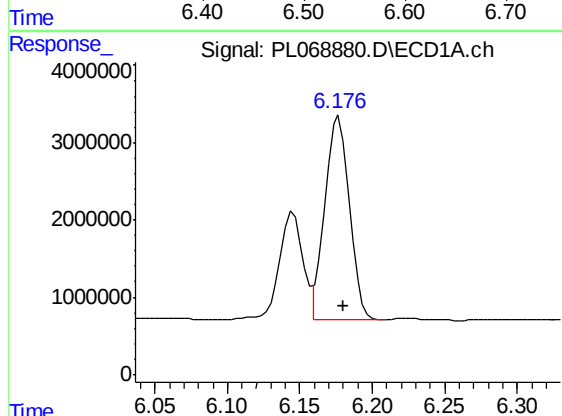
R.T.: 5.767 min  
Delta R.T.: -0.004 min  
Response: 29825029  
Conc: 54.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



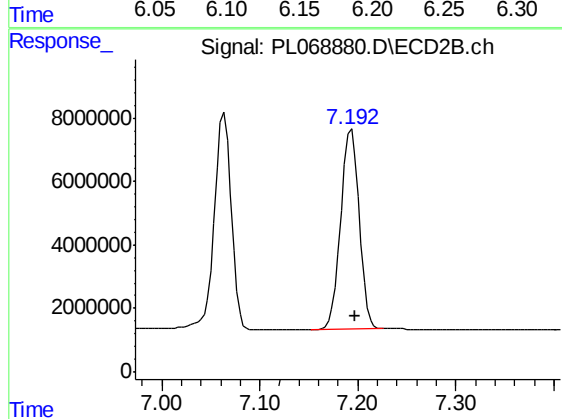
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 82312840  
Conc: 63.26 ng/ml



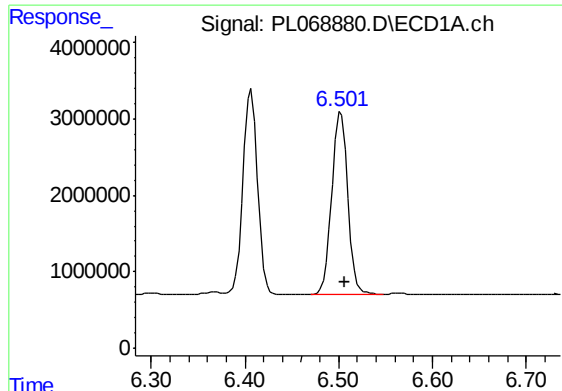
#4 Heptachlor

R.T.: 6.177 min  
Delta R.T.: -0.003 min  
Response: 31164828  
Conc: 53.06 ng/ml



#4 Heptachlor

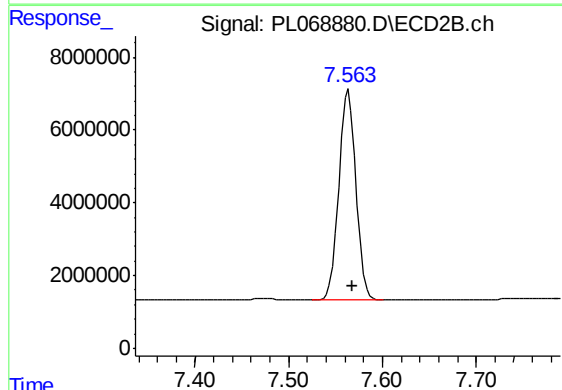
R.T.: 7.193 min  
Delta R.T.: -0.004 min  
Response: 82074290  
Conc: 61.14 ng/ml



#5 Aldrin

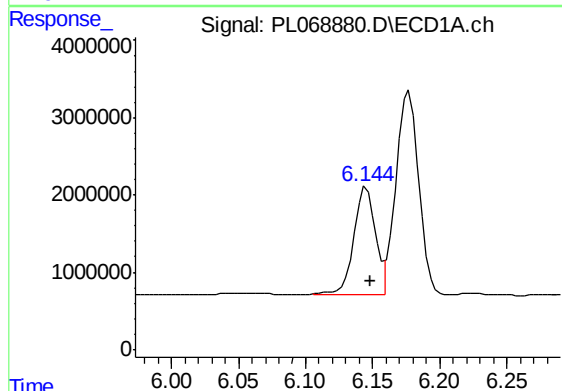
R.T.: 6.503 min  
Delta R.T.: -0.005 min  
Response: 28538037  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



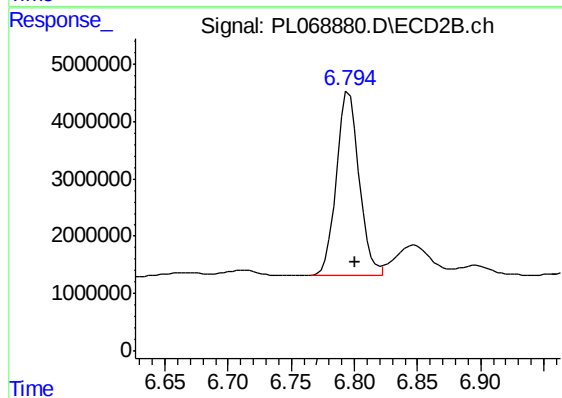
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.004 min  
Response: 73478875  
Conc: 60.88 ng/ml



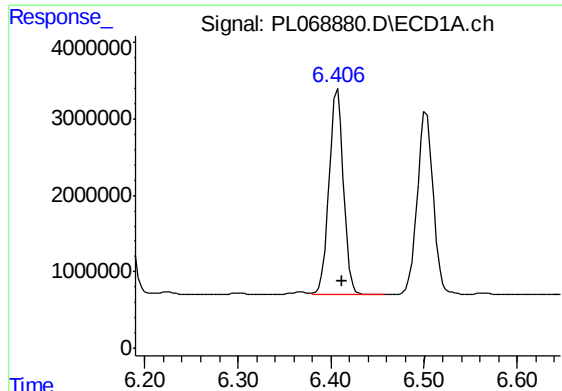
#6 beta-BHC

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 15342343  
Conc: 54.42 ng/ml



#6 beta-BHC

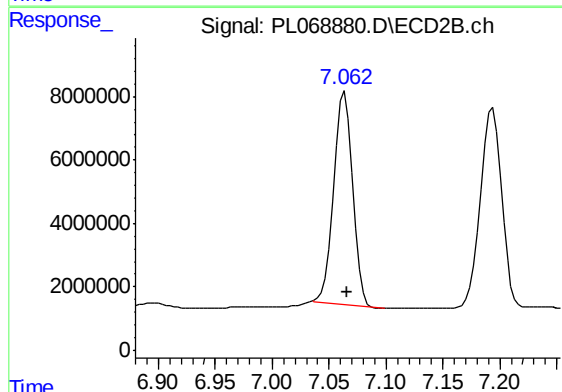
R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 40109509  
Conc: 61.91 ng/ml



#7 delta-BHC

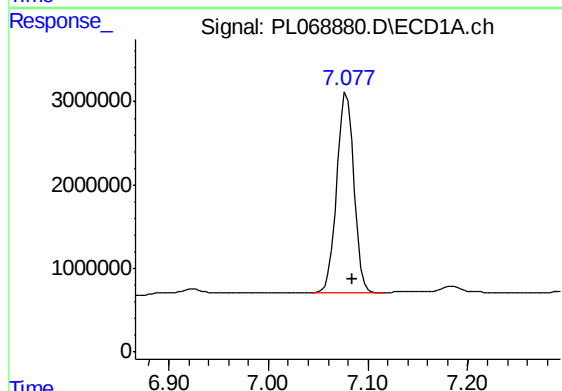
R.T.: 6.407 min  
Delta R.T.: -0.005 min  
Response: 28915972  
Conc: 53.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



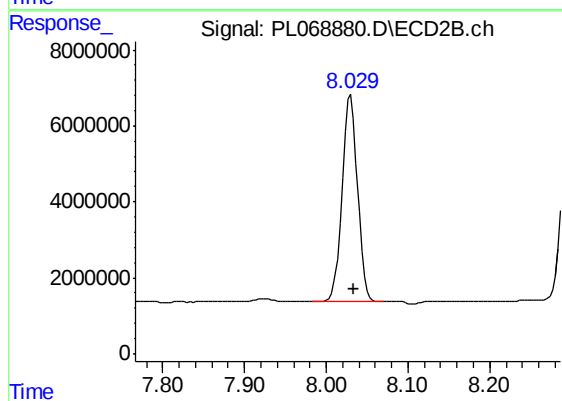
#7 delta-BHC

R.T.: 7.064 min  
Delta R.T.: -0.002 min  
Response: 76466203  
Conc: 60.70 ng/ml



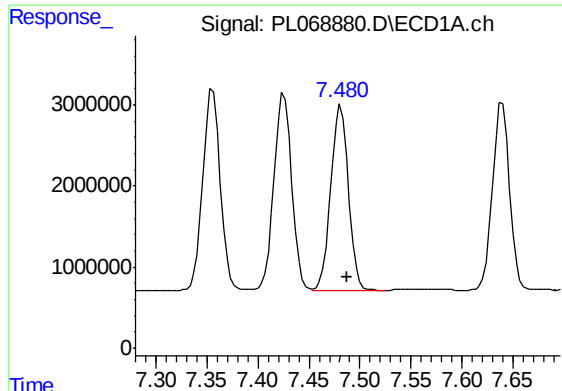
#8 Heptachlor epoxide

R.T.: 7.079 min  
Delta R.T.: -0.006 min  
Response: 28620613  
Conc: 53.70 ng/ml



#8 Heptachlor epoxide

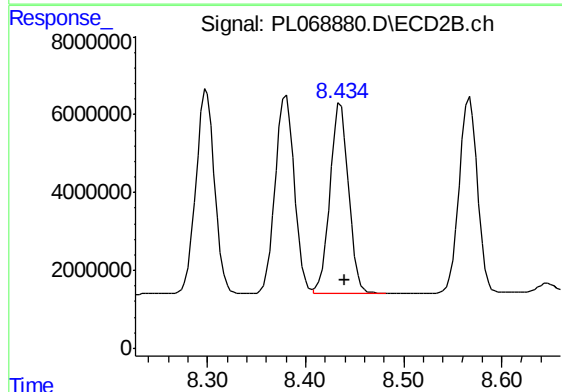
R.T.: 8.030 min  
Delta R.T.: -0.004 min  
Response: 71600134  
Conc: 61.94 ng/ml



#9 Endosulfan I

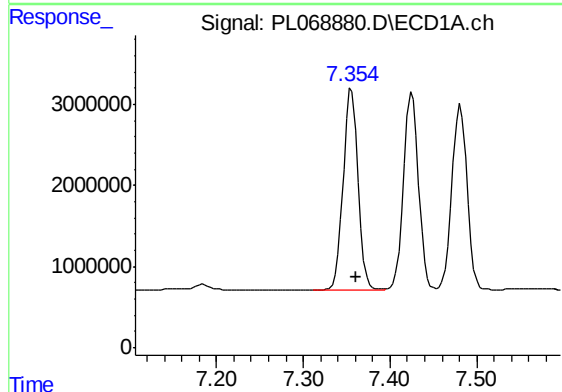
R.T.: 7.481 min  
Delta R.T.: -0.006 min  
Response: 27301401  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



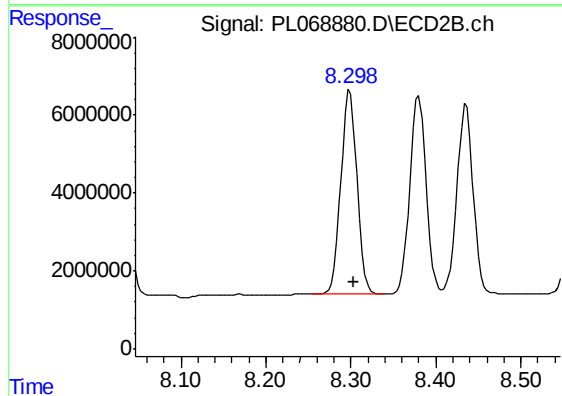
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.004 min  
Response: 64110055  
Conc: 60.79 ng/ml



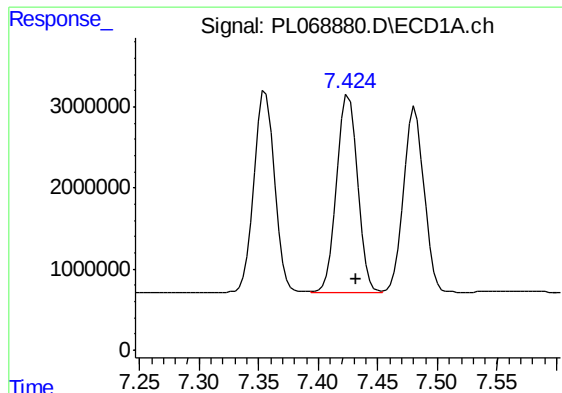
#10 gamma-Chlordane

R.T.: 7.356 min  
Delta R.T.: -0.005 min  
Response: 29637899  
Conc: 54.08 ng/ml



#10 gamma-Chlordane

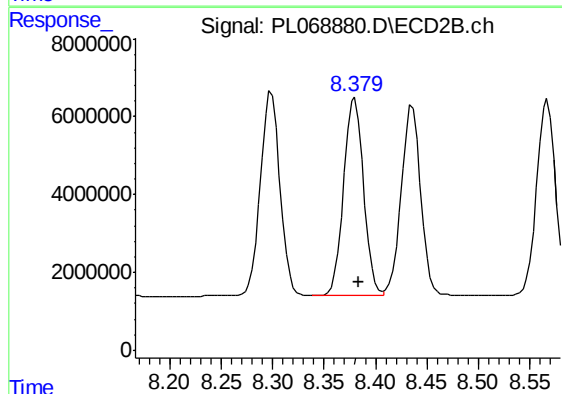
R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 69248047  
Conc: 60.47 ng/ml



#11 alpha-Chlordane

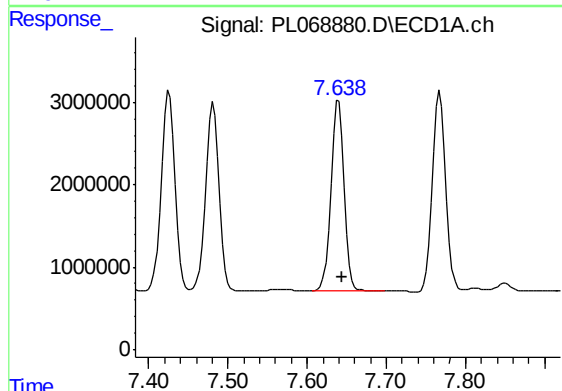
R.T.: 7.426 min  
Delta R.T.: -0.006 min  
Response: 29407418  
Conc: 53.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



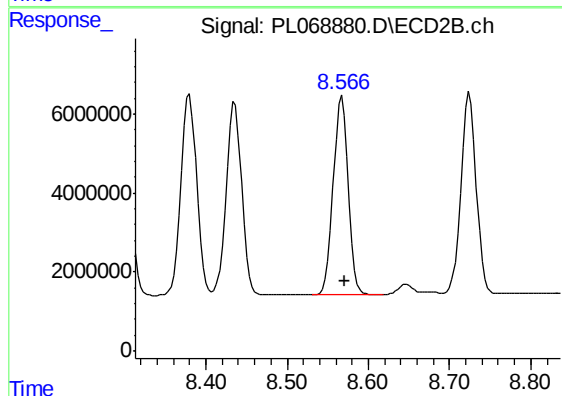
#11 alpha-Chlordane

R.T.: 8.380 min  
Delta R.T.: -0.004 min  
Response: 68626121  
Conc: 59.76 ng/ml



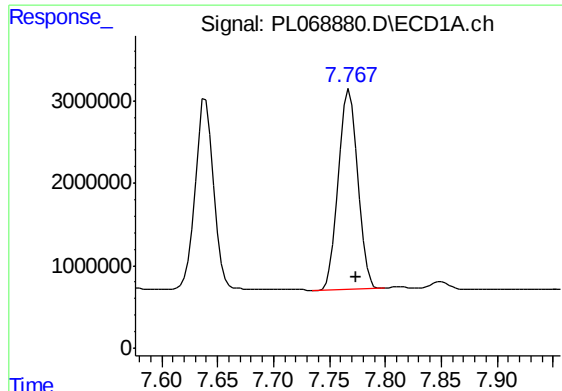
#12 4,4'-DDE

R.T.: 7.639 min  
Delta R.T.: -0.006 min  
Response: 26793765  
Conc: 55.47 ng/ml



#12 4,4'-DDE

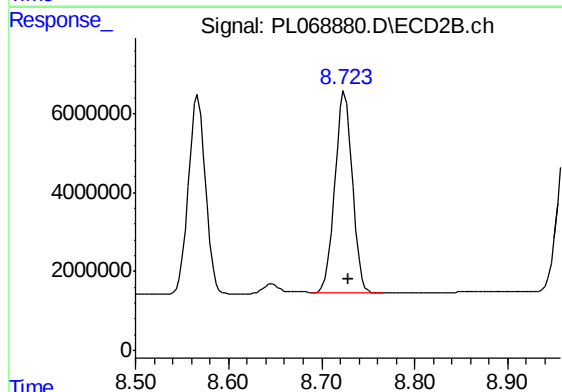
R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 64457582  
Conc: 60.98 ng/ml



#13 Dielldrin

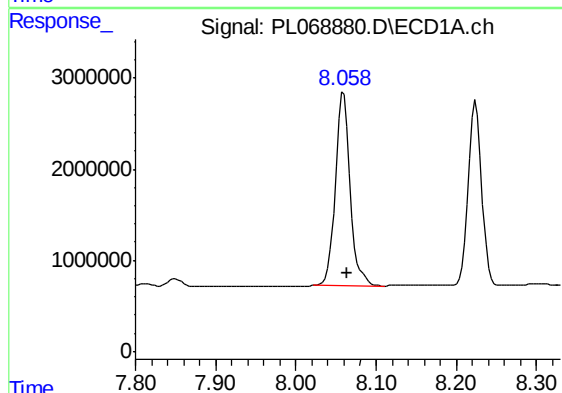
R.T.: 7.768 min  
Delta R.T.: -0.006 min  
Response: 28736239  
Conc: 55.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



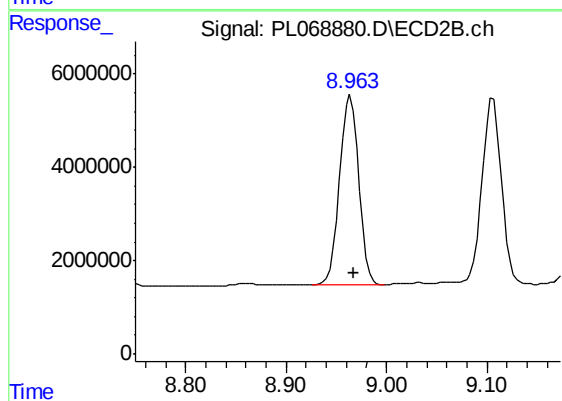
#13 Dielldrin

R.T.: 8.725 min  
Delta R.T.: -0.004 min  
Response: 66321438  
Conc: 61.20 ng/ml



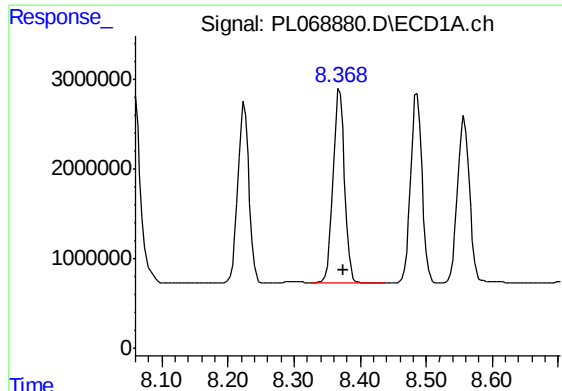
#14 Endrin

R.T.: 8.059 min  
Delta R.T.: -0.005 min  
Response: 27492108  
Conc: 57.05 ng/ml



#14 Endrin

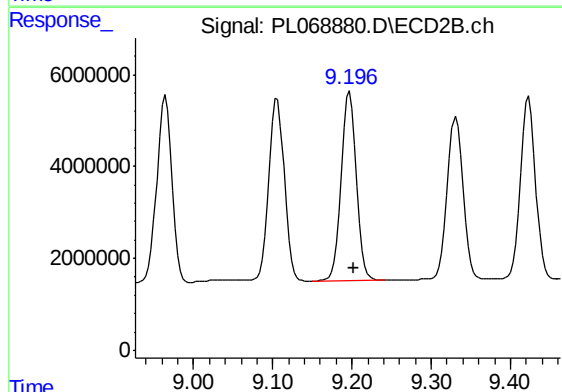
R.T.: 8.964 min  
Delta R.T.: -0.004 min  
Response: 53710971  
Conc: 59.17 ng/ml



#15 Endosulfan II

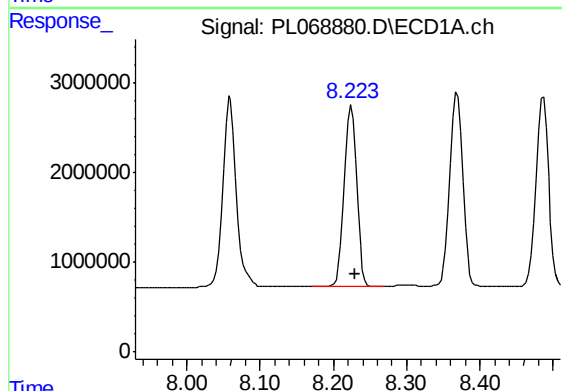
R.T.: 8.369 min  
Delta R.T.: -0.006 min  
Response: 26391913  
Conc: 55.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



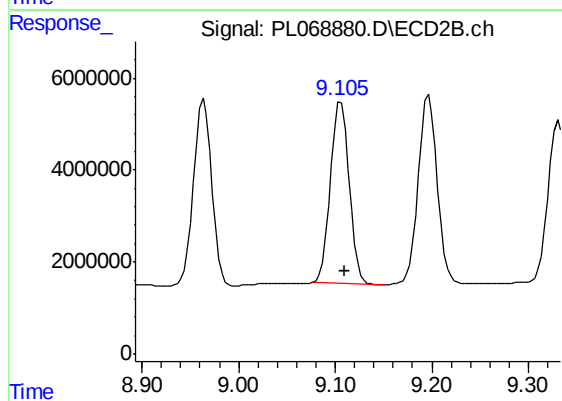
#15 Endosulfan II

R.T.: 9.197 min  
Delta R.T.: -0.004 min  
Response: 56310465  
Conc: 61.39 ng/ml



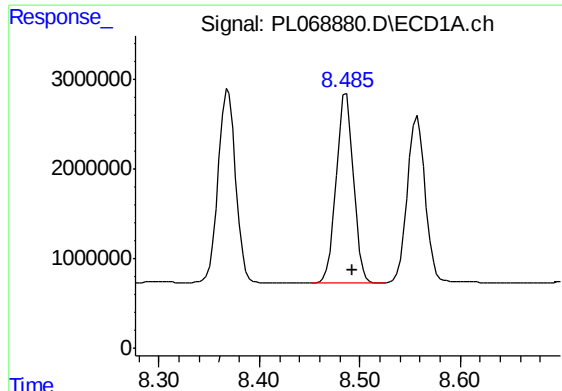
#16 4,4'-DDD

R.T.: 8.225 min  
Delta R.T.: -0.005 min  
Response: 23742645  
Conc: 55.32 ng/ml



#16 4,4'-DDD

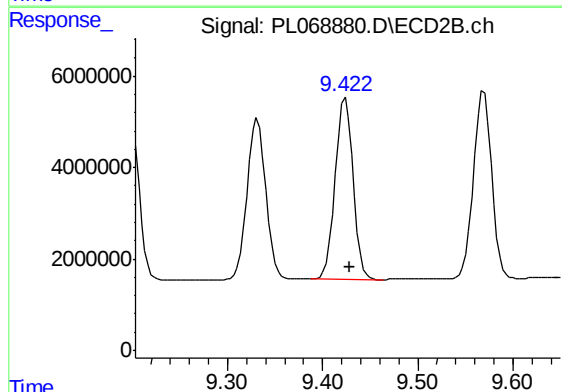
R.T.: 9.106 min  
Delta R.T.: -0.004 min  
Response: 52636365  
Conc: 61.60 ng/ml



#17 4,4'-DDT

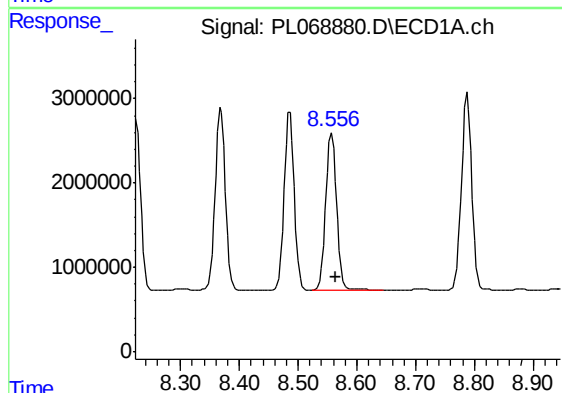
R.T.: 8.486 min  
Delta R.T.: -0.006 min  
Response: 25374095  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



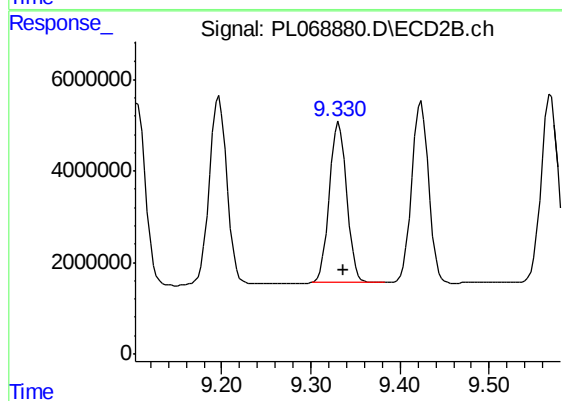
#17 4,4'-DDT

R.T.: 9.424 min  
Delta R.T.: -0.004 min  
Response: 52227411  
Conc: 55.19 ng/ml



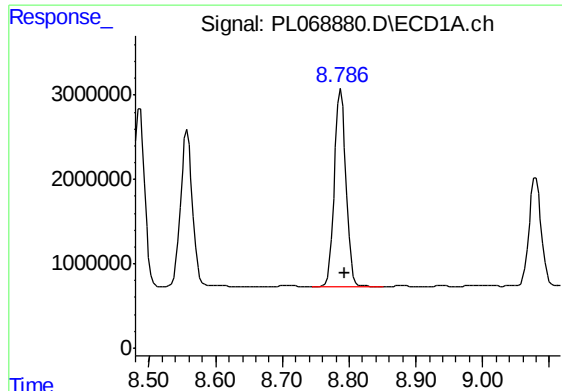
#18 Endrin aldehyde

R.T.: 8.558 min  
Delta R.T.: -0.006 min  
Response: 23421814  
Conc: 62.46 ng/ml



#18 Endrin aldehyde

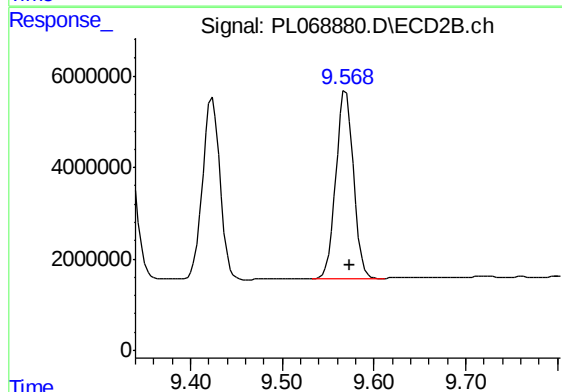
R.T.: 9.331 min  
Delta R.T.: -0.005 min  
Response: 47538751  
Conc: 67.84 ng/ml



#19 Endosulfan Sulfate

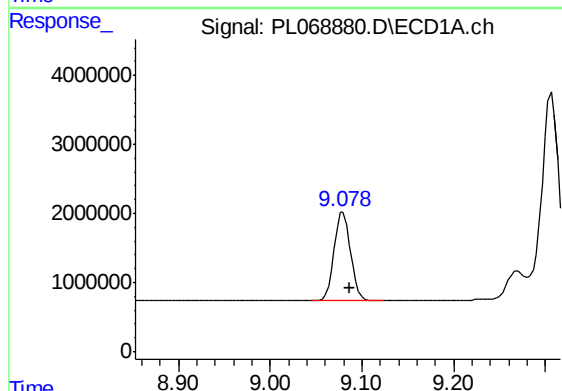
R.T.: 8.788 min  
Delta R.T.: -0.006 min  
Response: 28337291  
Conc: 55.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



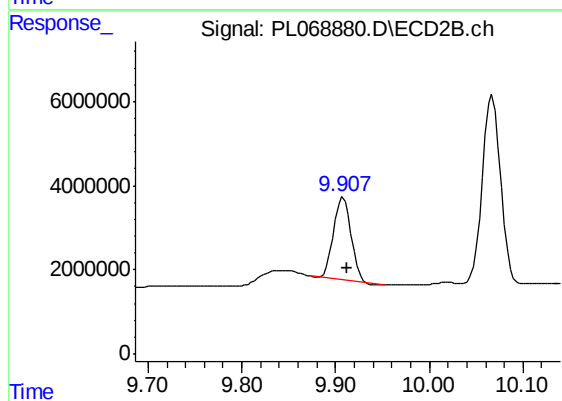
#19 Endosulfan Sulfate

R.T.: 9.569 min  
Delta R.T.: -0.004 min  
Response: 54787213  
Conc: 60.11 ng/ml



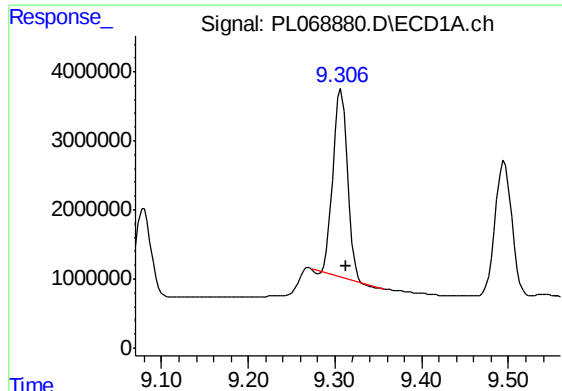
#20 Methoxychlor

R.T.: 9.080 min  
Delta R.T.: -0.007 min  
Response: 16056123  
Conc: 51.29 ng/ml



#20 Methoxychlor

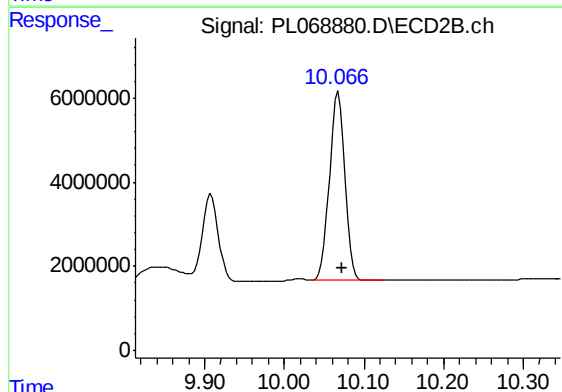
R.T.: 9.908 min  
Delta R.T.: -0.005 min  
Response: 25516056  
Conc: 49.03 ng/ml



#21 Endrin ketone

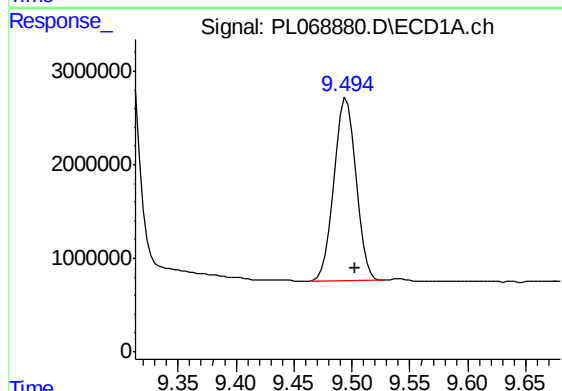
R.T.: 9.307 min  
Delta R.T.: -0.006 min  
Response: 31435203  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



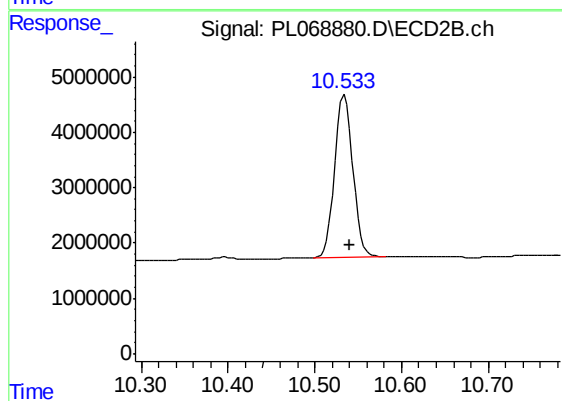
#21 Endrin ketone

R.T.: 10.067 min  
Delta R.T.: -0.005 min  
Response: 60490601  
Conc: 59.41 ng/ml



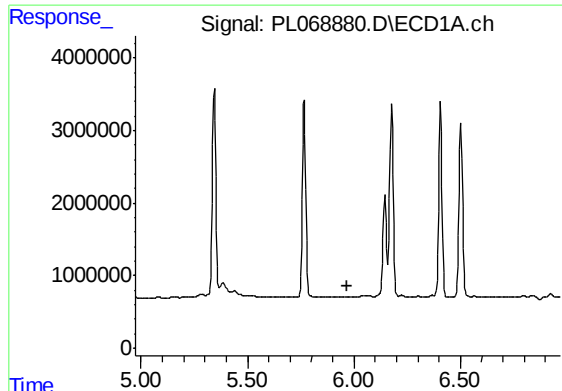
#22 Mirex

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 26069050  
Conc: 52.03 ng/ml



#22 Mirex

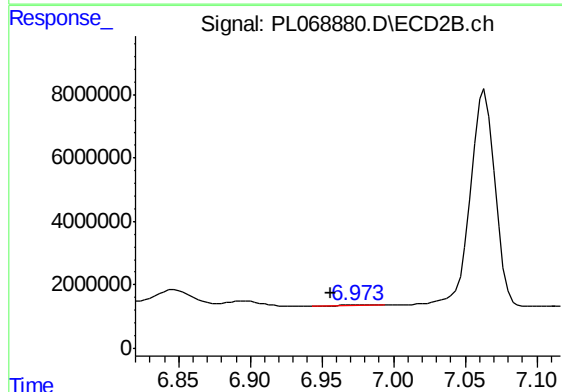
R.T.: 10.534 min  
Delta R.T.: -0.006 min  
Response: 43397923  
Conc: 54.87 ng/ml



#23 Chlordane-1

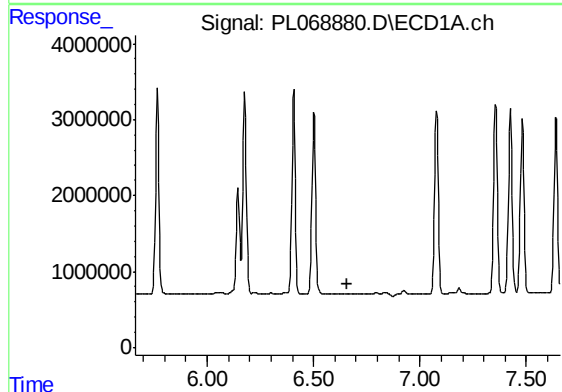
R.T.: 0.000 min  
Exp R.T. : 5.971 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



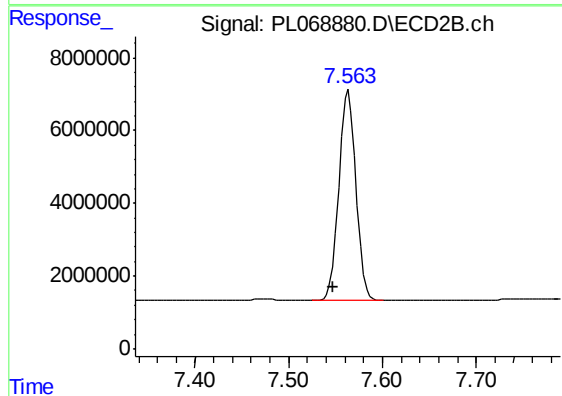
#23 Chlordane-1

R.T.: 6.976 min  
Delta R.T.: 0.020 min  
Response: 247568  
Conc: 5.87 ng/ml



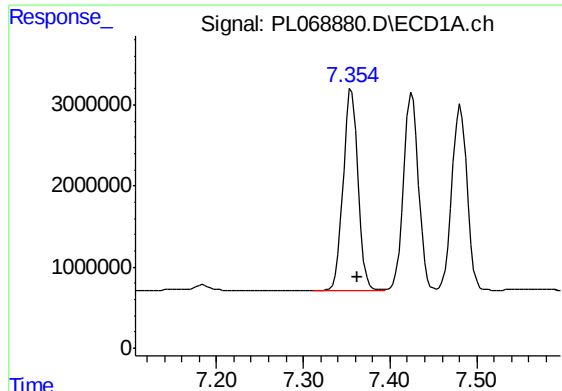
#24 Chlordane-2

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



#24 Chlordane-2

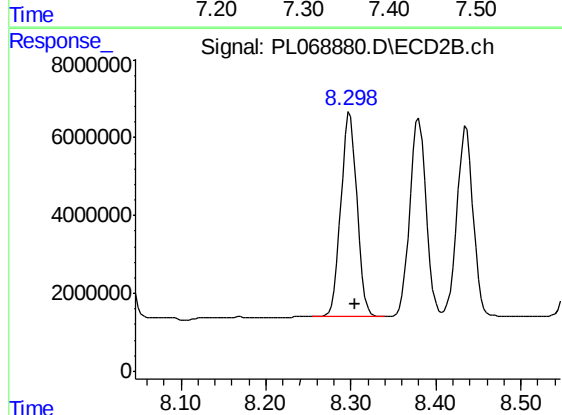
R.T.: 7.564 min  
Delta R.T.: 0.016 min  
Response: 73478875  
Conc: 1695.85 ng/ml



#25 Chlordane-3

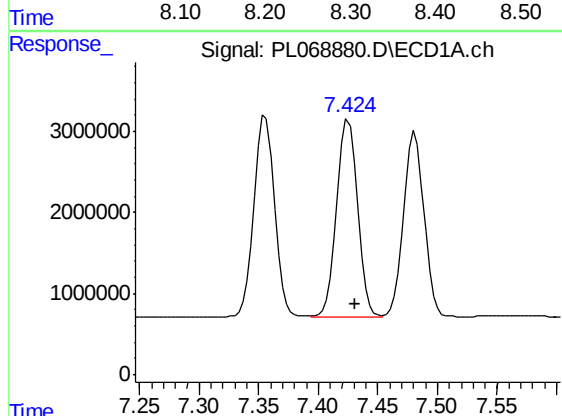
R.T.: 7.356 min  
Delta R.T.: -0.006 min  
Response: 29637899  
Conc: 565.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



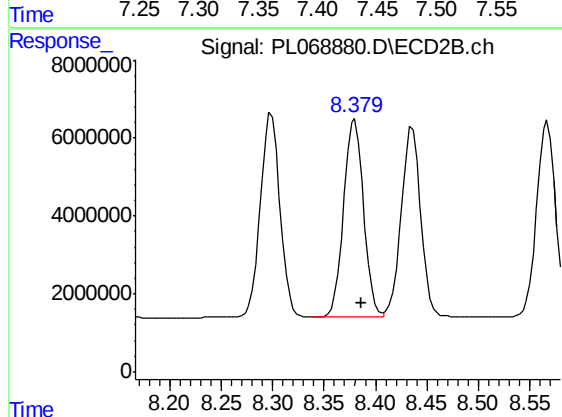
#25 Chlordane-3

R.T.: 8.299 min  
Delta R.T.: -0.006 min  
Response: 69248047  
Conc: 423.91 ng/ml



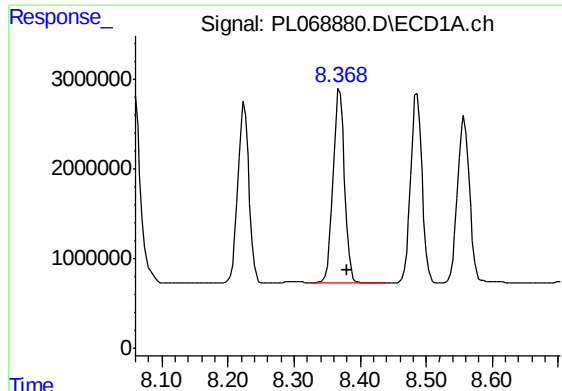
#26 Chlordane-4

R.T.: 7.426 min  
Delta R.T.: -0.005 min  
Response: 29407418  
Conc: 528.36 ng/ml



#26 Chlordane-4

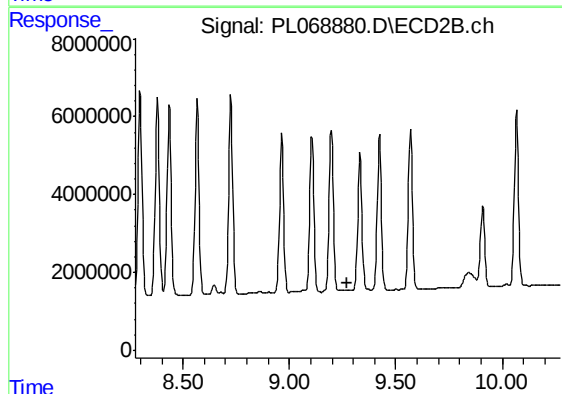
R.T.: 8.380 min  
Delta R.T.: -0.007 min  
Response: 68626121  
Conc: 346.03 ng/ml



#27 Chlordane-5

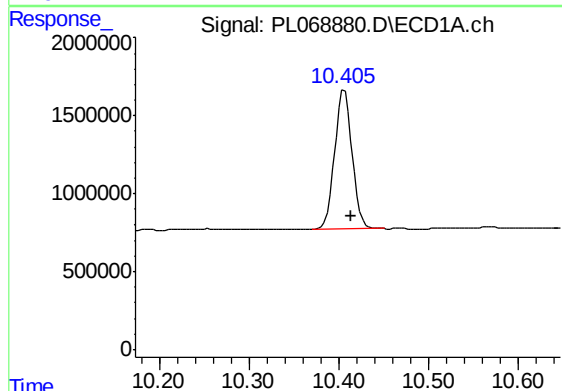
R.T.: 8.369 min  
Delta R.T.: -0.011 min  
Response: 26391913  
Conc: 1279.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138308BS



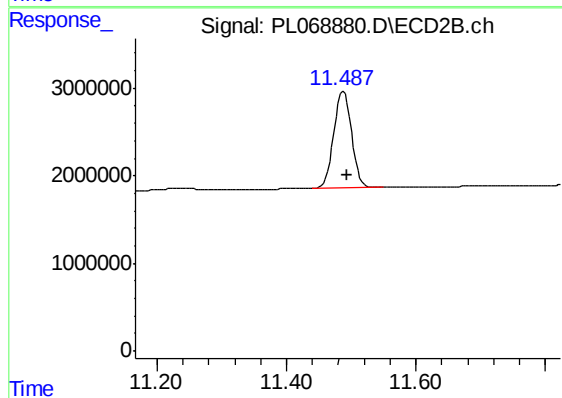
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.406 min  
Delta R.T.: -0.008 min  
Response: 12031600  
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.488 min  
Delta R.T.: -0.007 min  
Response: 21009358  
Conc: 21.65 ng/ml