

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080521\  
 Data File : PL068741.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2021 21:51  
 Operator : AR\AJ  
 Sample : PB138221BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138221BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 03:15:27 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... | 4.638  | 5.568  | 8542441  | 22192435 | 20.652   | 21.857     |
| 28)                         | SA Decachlor... | 10.408 | 11.487 | 11323480 | 19655312 | 19.703   | 20.258     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.149  | 30333011 | 79968825 | 54.837   | 58.722     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.544  | 29239109 | 75004724 | 53.874   | 57.648     |
| 4)                          | MA Heptachlor   | 6.179  | 7.194  | 30626771 | 75527478 | 52.145   | 56.260     |
| 5)                          | MB Aldrin       | 6.504  | 7.565  | 28418764 | 68143290 | 53.143   | 56.460     |
| 6)                          | B beta-BHC      | 6.147  | 6.796  | 14721386 | 36796861 | 52.222   | 56.799     |
| 7)                          | B delta-BHC     | 6.409  | 7.065  | 28835798 | 72460763 | 53.742   | 57.517     |
| 8)                          | B Heptachlo...  | 7.080  | 8.031  | 28273554 | 64925893 | 53.049   | 56.162     |
| 9)                          | A Endosulfan I  | 7.484  | 8.436  | 27053841 | 59721186 | 53.288   | 56.630     |
| 10)                         | B gamma-Chl...  | 7.358  | 8.300  | 29171820 | 64677206 | 53.230   | 56.474     |
| 11)                         | B alpha-Chl...  | 7.428  | 8.381  | 29013467 | 64180022 | 52.717   | 55.885     |
| 12)                         | B 4,4'-DDE      | 7.641  | 8.568  | 26435107 | 60258611 | 54.728   | 57.010     |
| 13)                         | MA Dieldrin     | 7.770  | 8.726  | 28316248 | 62232383 | 54.738   | 57.429     |
| 14)                         | MA Endrin       | 8.061  | 8.964  | 25163522 | 49581374 | 52.215   | 54.624     |
| 15)                         | B Endosulfa...  | 8.371  | 9.197  | 25804530 | 52346343 | 53.793   | 57.073     |
| 16)                         | A 4,4'-DDD      | 8.226  | 9.107  | 23393412 | 49567939 | 54.505   | 58.009     |
| 17)                         | MA 4,4'-DDT     | 8.488  | 9.423  | 24892288 | 49288995 | 51.254   | 52.082     |
| 18)                         | B Endrin al...  | 8.559  | 9.332  | 23357380 | 45824630 | 62.288   | 65.392     |
| 19)                         | B Endosulfa...  | 8.790  | 9.569  | 27801029 | 51906148 | 54.040   | 56.946     |
| 20)                         | A Methoxychlor  | 9.082  | 9.908  | 15421731 | 27731279 | 49.264   | 53.289     |
| 21)                         | B Endrin ke...  | 9.308  | 10.068 | 32765414 | 59637302 | 56.005   | 58.567     |
| 22)                         | Mirex           | 9.497  | 10.534 | 25902320 | 41192120 | 51.696   | 52.082     |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 68143290 | N.D.     | 1572.709 # |
| 25)                         | Chlordane-3     | 7.358  | 8.300  | 29171820 | 64677206 | 556.154  | 395.929 #  |
| 26)                         | Chlordane-4     | 7.428  | 8.381  | 29013467 | 64180022 | 521.278  | 323.614 #  |
| 27)                         | Chlordane-5     | 8.371  | 0.000  | 25804530 | 0        | 1251.353 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

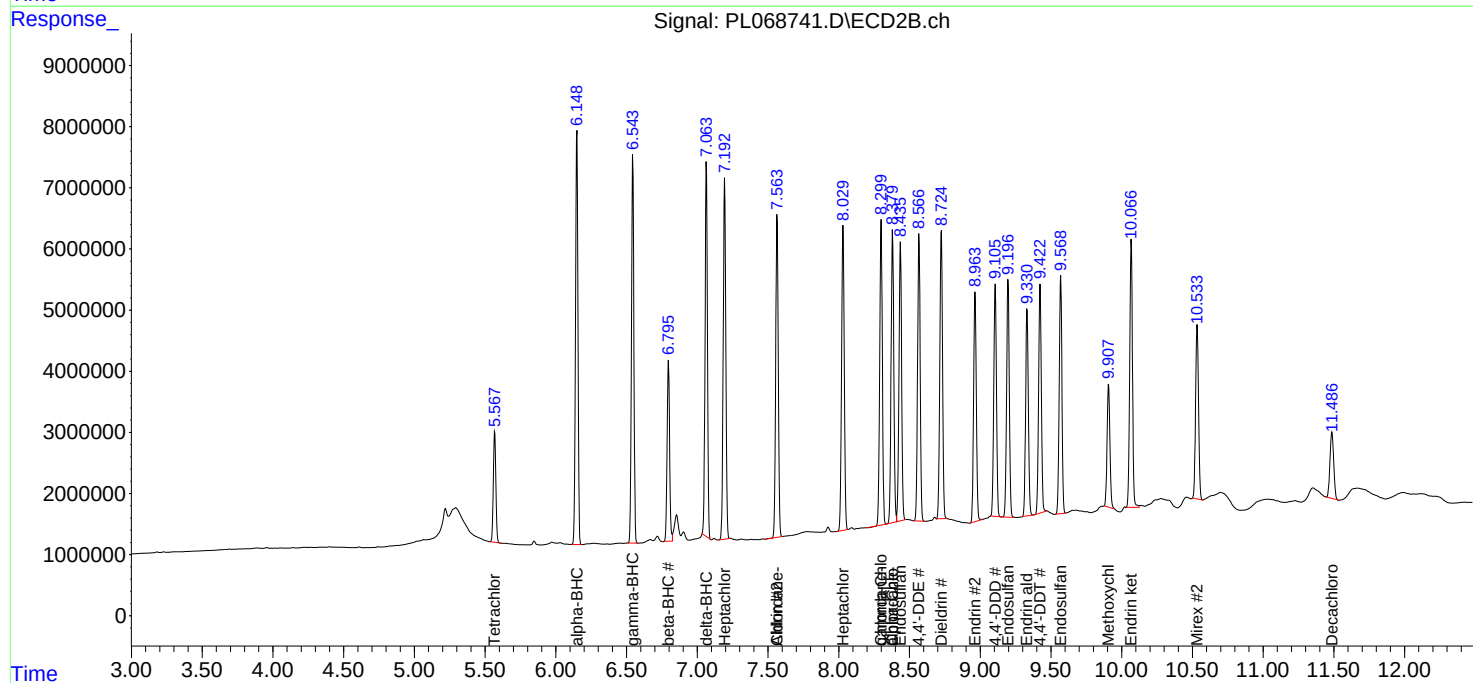
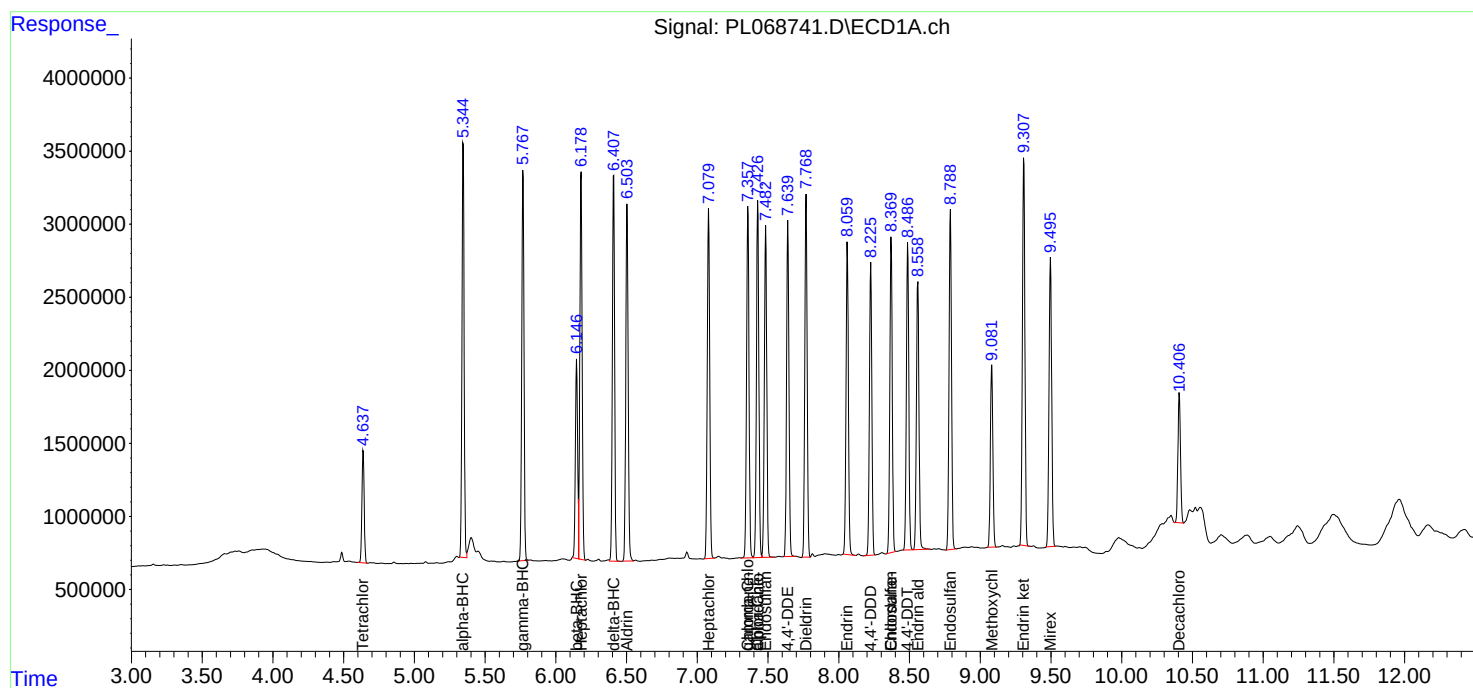
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

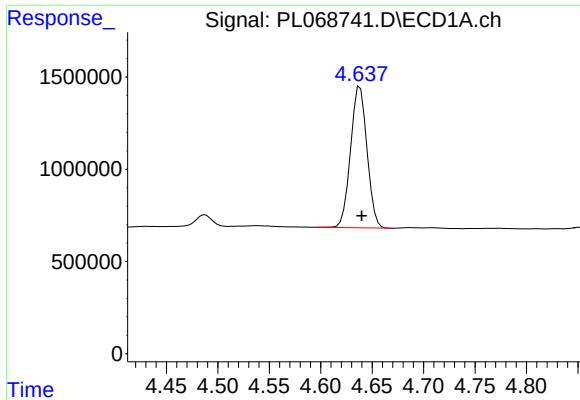
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080521\  
Data File : PL068741.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2021 21:51  
Operator : AR\AJ  
Sample : PB138221BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 03:15:27 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

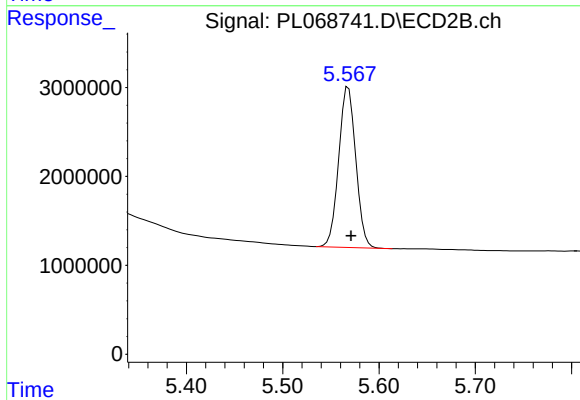




#1 Tetrachloro-m-xylene

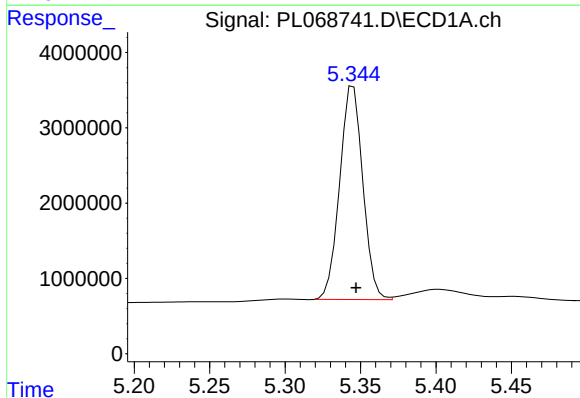
R.T.: 4.638 min  
Delta R.T.: -0.002 min  
Response: 8542441  
Conc: 20.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



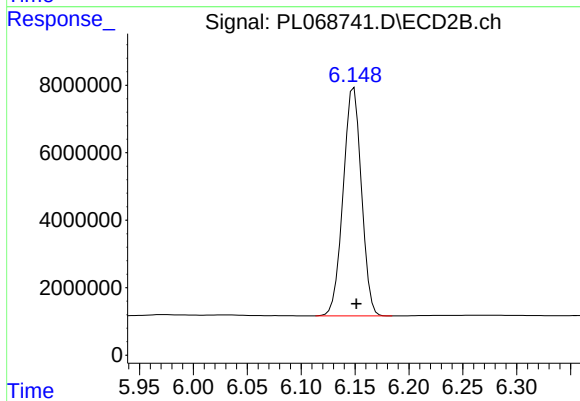
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 22192435  
Conc: 21.86 ng/ml



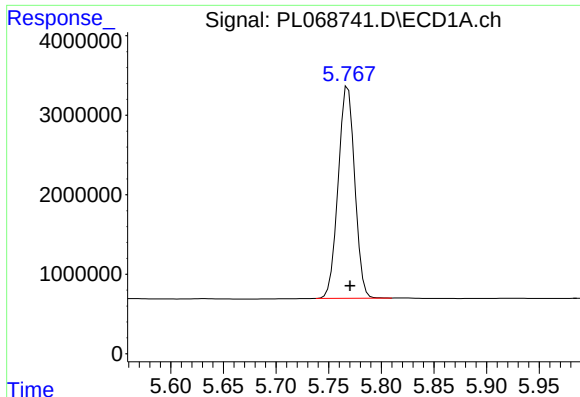
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 30333011  
Conc: 54.84 ng/ml



#2 alpha-BHC

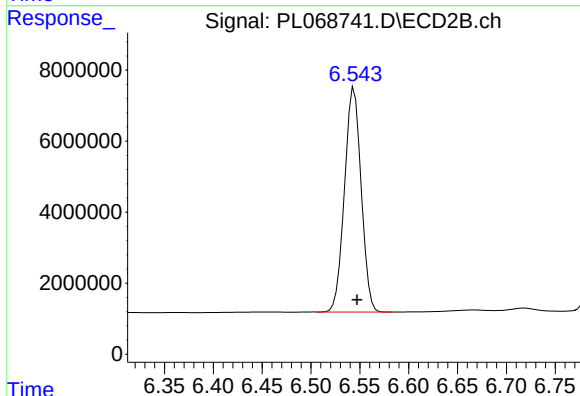
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 79968825  
Conc: 58.72 ng/ml



#3 gamma-BHC (Lindane)

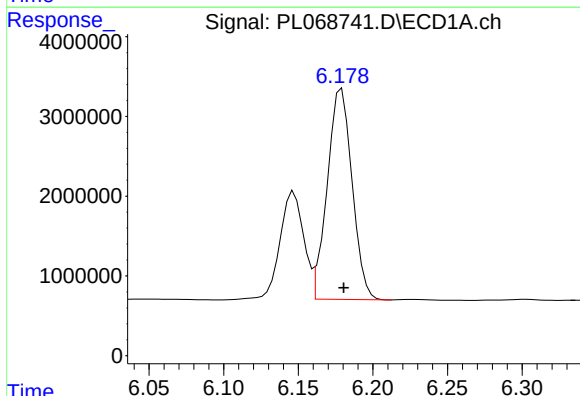
R.T.: 5.768 min  
Delta R.T.: -0.002 min  
Response: 29239109  
Conc: 53.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



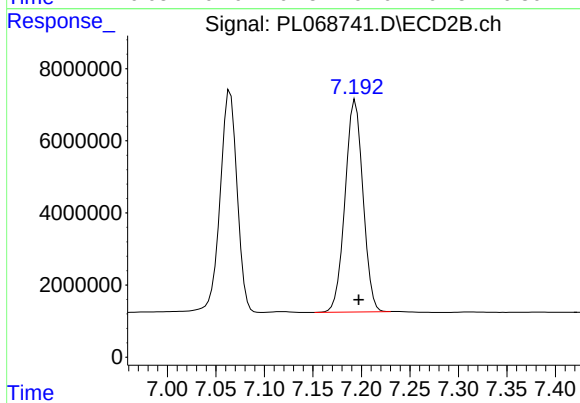
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 75004724  
Conc: 57.65 ng/ml



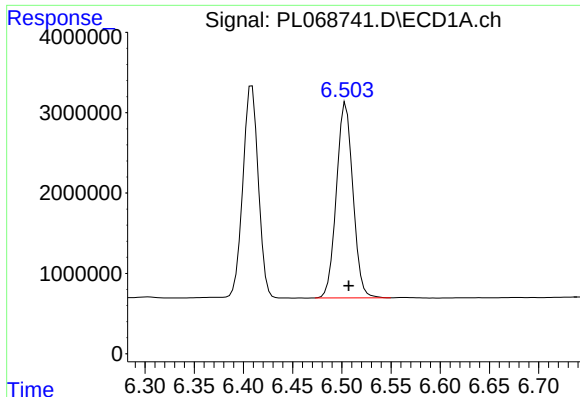
#4 Heptachlor

R.T.: 6.179 min  
Delta R.T.: -0.001 min  
Response: 30626771  
Conc: 52.14 ng/ml



#4 Heptachlor

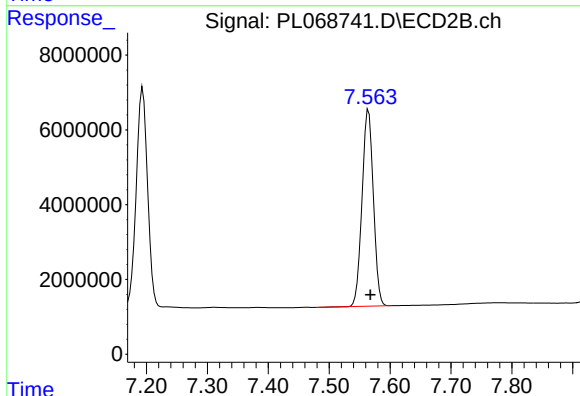
R.T.: 7.194 min  
Delta R.T.: -0.004 min  
Response: 75527478  
Conc: 56.26 ng/ml



#5 Aldrin

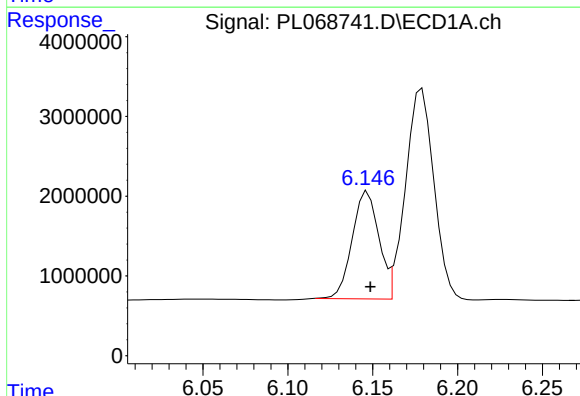
R.T.: 6.504 min  
Delta R.T.: -0.003 min  
Response: 28418764  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



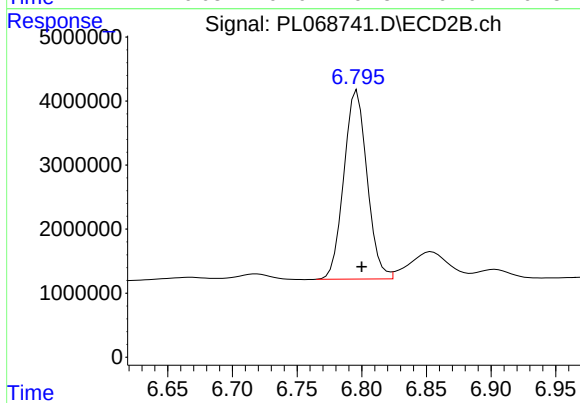
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: -0.003 min  
Response: 68143290  
Conc: 56.46 ng/ml



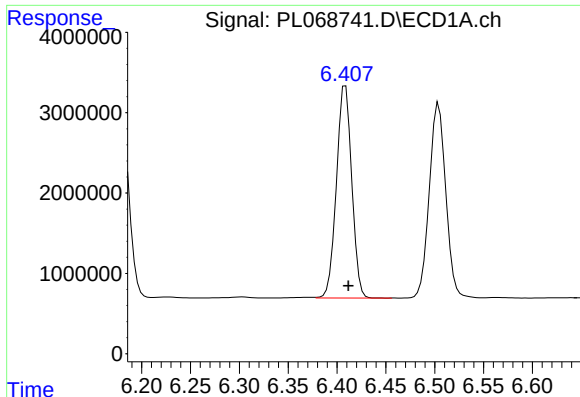
#6 beta-BHC

R.T.: 6.147 min  
Delta R.T.: -0.002 min  
Response: 14721386  
Conc: 52.22 ng/ml



#6 beta-BHC

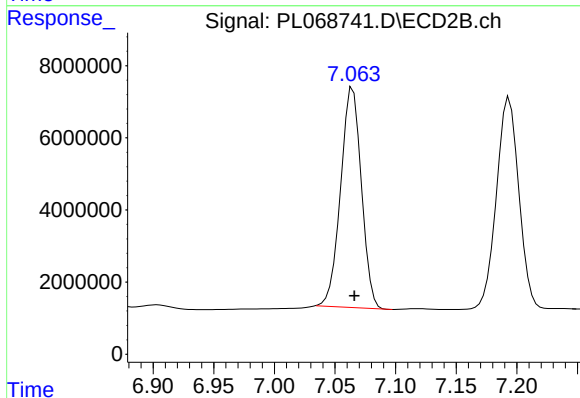
R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 36796861  
Conc: 56.80 ng/ml



#7 delta-BHC

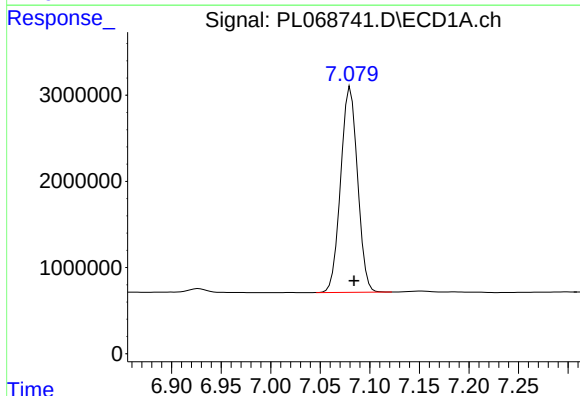
R.T.: 6.409 min  
Delta R.T.: -0.003 min  
Response: 28835798  
Conc: 53.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



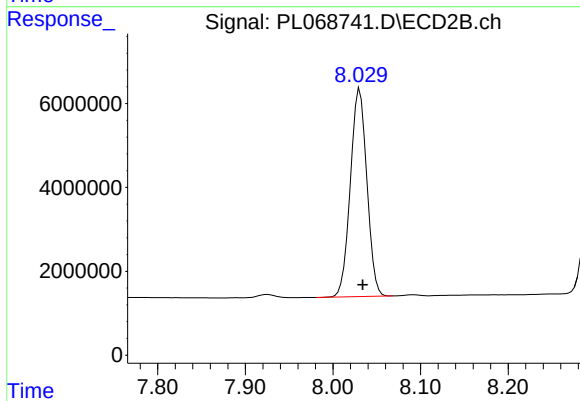
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 72460763  
Conc: 57.52 ng/ml



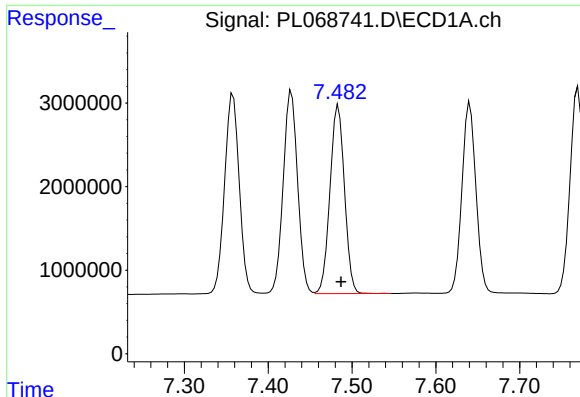
#8 Heptachlor epoxide

R.T.: 7.080 min  
Delta R.T.: -0.004 min  
Response: 28273554  
Conc: 53.05 ng/ml



#8 Heptachlor epoxide

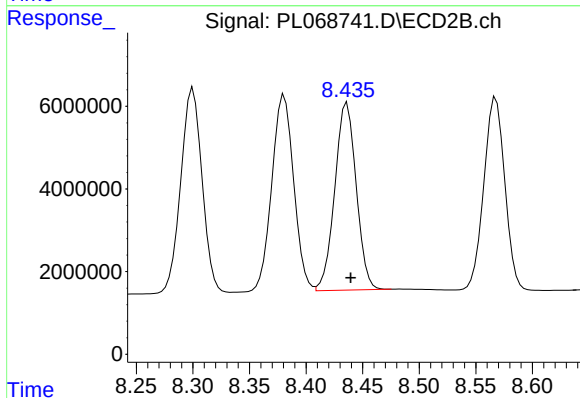
R.T.: 8.031 min  
Delta R.T.: -0.003 min  
Response: 64925893  
Conc: 56.16 ng/ml



#9 Endosulfan I

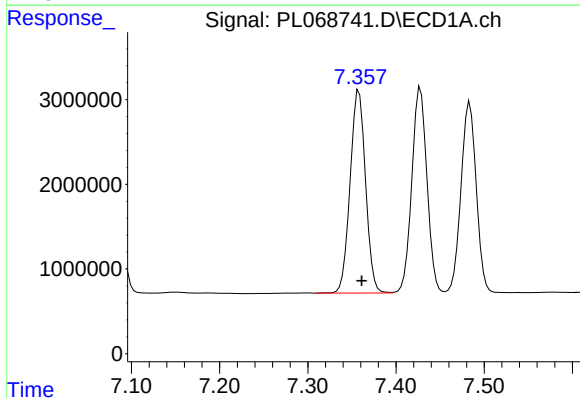
R.T.: 7.484 min  
Delta R.T.: -0.004 min  
Response: 27053841  
Conc: 53.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



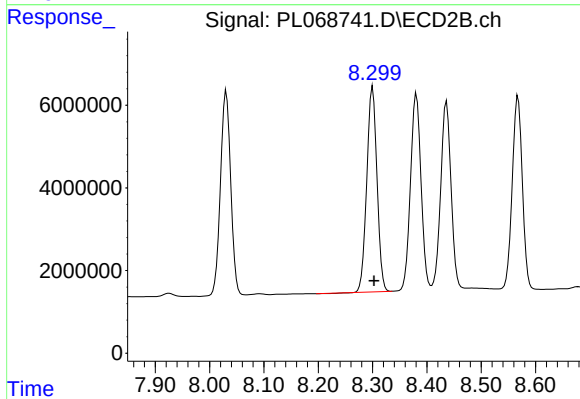
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.003 min  
Response: 59721186  
Conc: 56.63 ng/ml



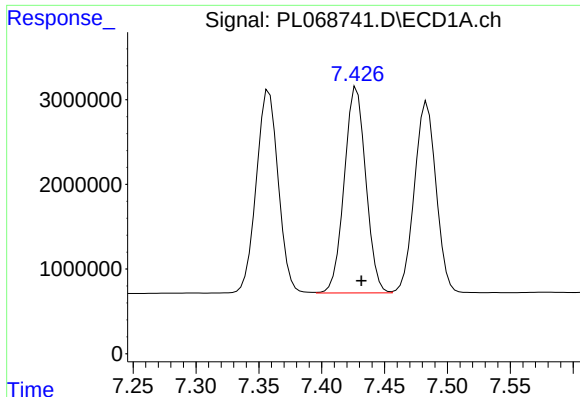
#10 gamma-Chlordane

R.T.: 7.358 min  
Delta R.T.: -0.003 min  
Response: 29171820  
Conc: 53.23 ng/ml



#10 gamma-Chlordane

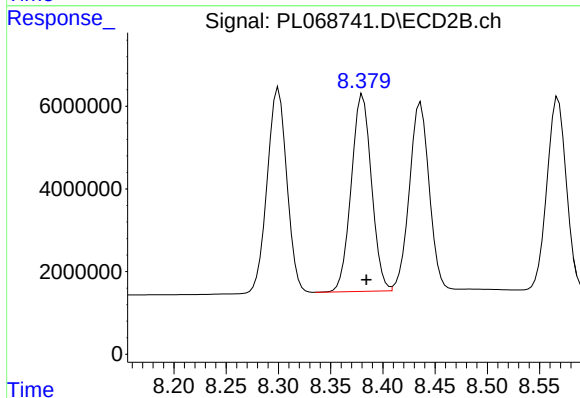
R.T.: 8.300 min  
Delta R.T.: -0.003 min  
Response: 64677206  
Conc: 56.47 ng/ml



#11 alpha-Chlordane

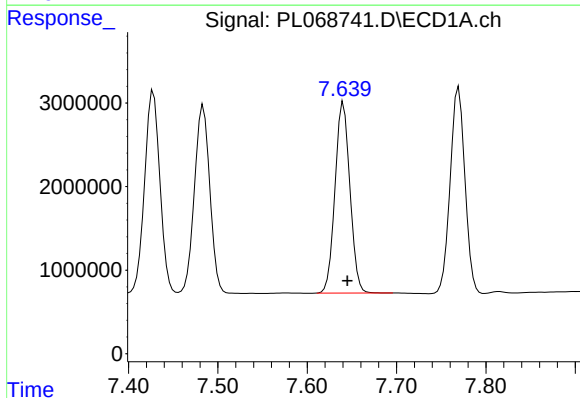
R.T.: 7.428 min  
Delta R.T.: -0.004 min  
Response: 29013467  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



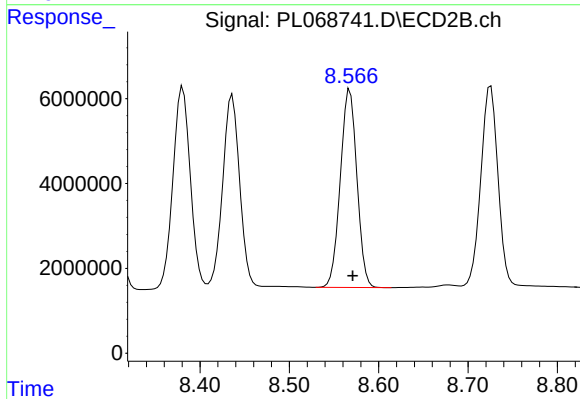
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.003 min  
Response: 64180022  
Conc: 55.88 ng/ml



#12 4,4'-DDE

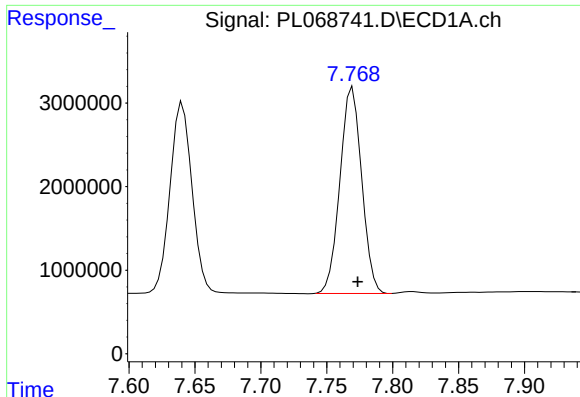
R.T.: 7.641 min  
Delta R.T.: -0.004 min  
Response: 26435107  
Conc: 54.73 ng/ml



#12 4,4'-DDE

R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 60258611  
Conc: 57.01 ng/ml

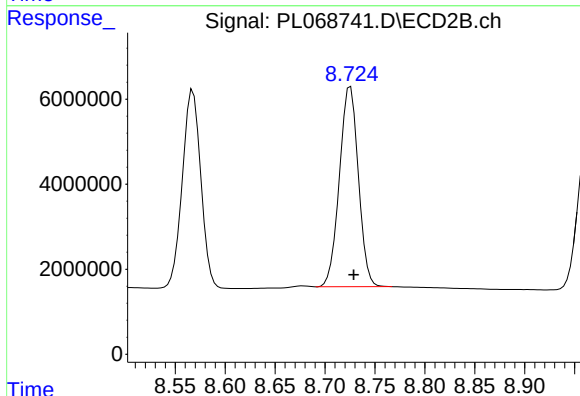




#13 Dieldrin

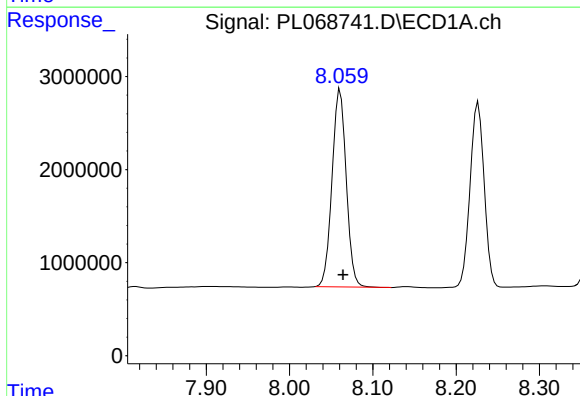
R.T.: 7.770 min  
Delta R.T.: -0.004 min  
Response: 28316248  
Conc: 54.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



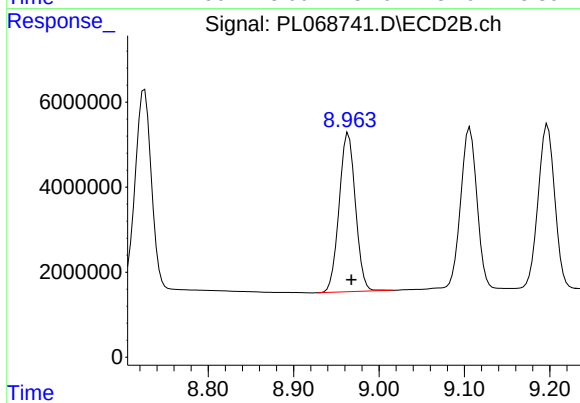
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.003 min  
Response: 62232383  
Conc: 57.43 ng/ml



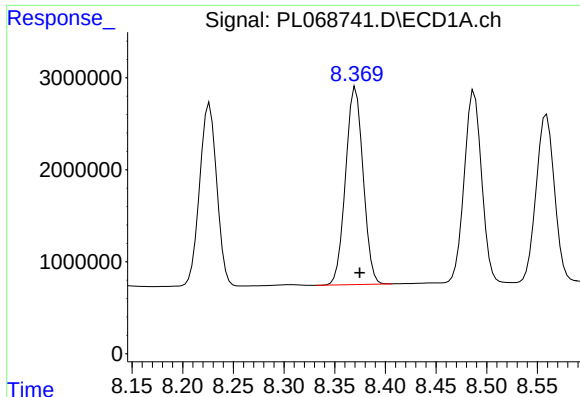
#14 Endrin

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 25163522  
Conc: 52.21 ng/ml



#14 Endrin

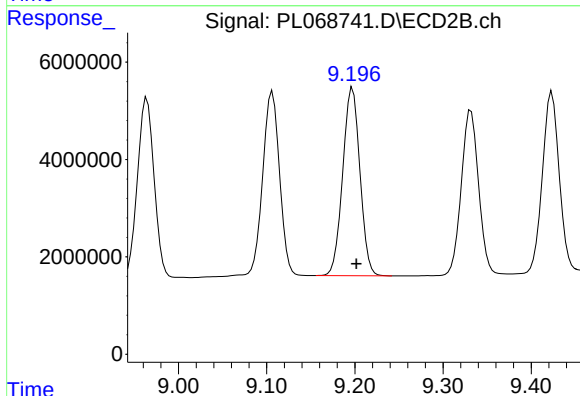
R.T.: 8.964 min  
Delta R.T.: -0.004 min  
Response: 49581374  
Conc: 54.62 ng/ml



#15 Endosulfan II

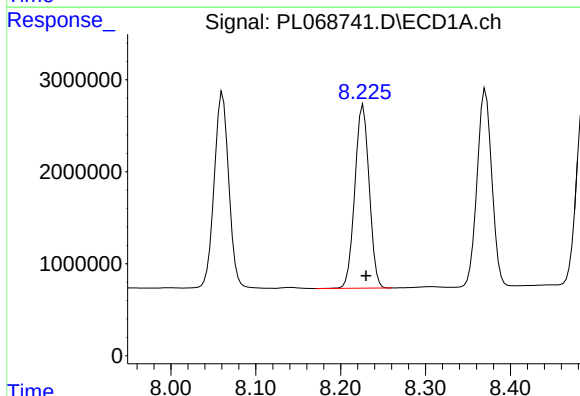
R.T.: 8.371 min  
Delta R.T.: -0.004 min  
Response: 25804530  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



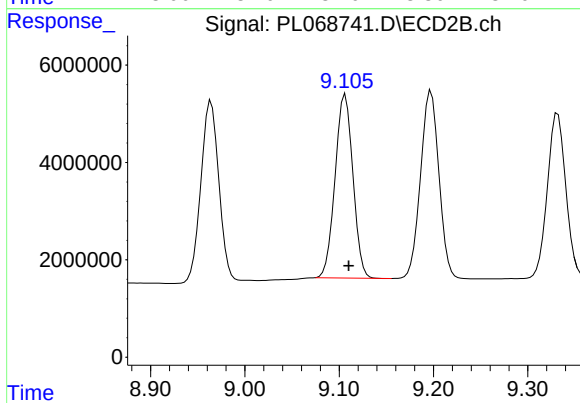
#15 Endosulfan II

R.T.: 9.197 min  
Delta R.T.: -0.004 min  
Response: 52346343  
Conc: 57.07 ng/ml



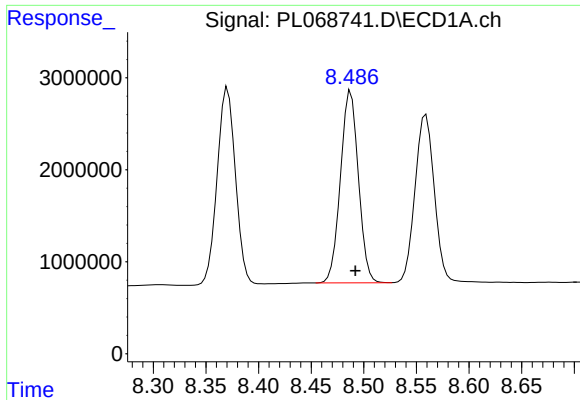
#16 4,4'-DDD

R.T.: 8.226 min  
Delta R.T.: -0.003 min  
Response: 23393412  
Conc: 54.51 ng/ml



#16 4,4'-DDD

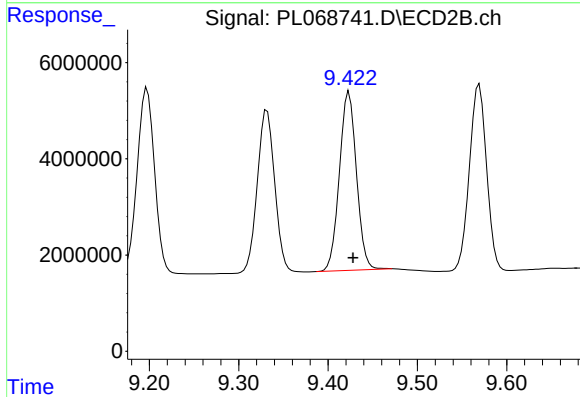
R.T.: 9.107 min  
Delta R.T.: -0.004 min  
Response: 49567939  
Conc: 58.01 ng/ml



#17 4,4'-DDT

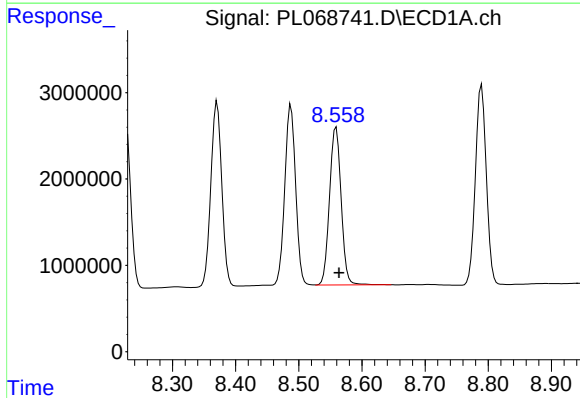
R.T.: 8.488 min  
Delta R.T.: -0.004 min  
Response: 24892288  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



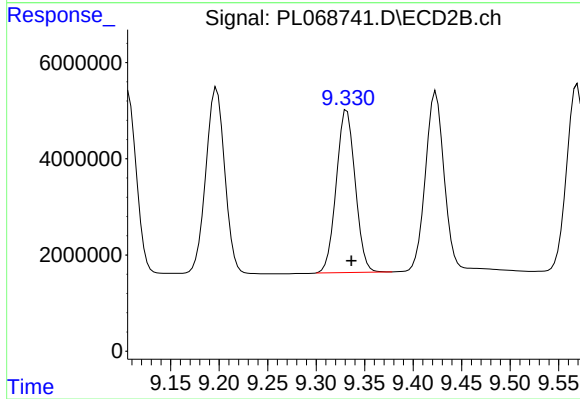
#17 4,4'-DDT

R.T.: 9.423 min  
Delta R.T.: -0.005 min  
Response: 49288995  
Conc: 52.08 ng/ml



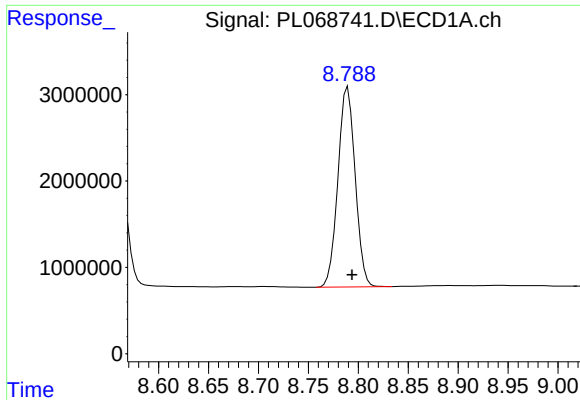
#18 Endrin aldehyde

R.T.: 8.559 min  
Delta R.T.: -0.005 min  
Response: 23357380  
Conc: 62.29 ng/ml



#18 Endrin aldehyde

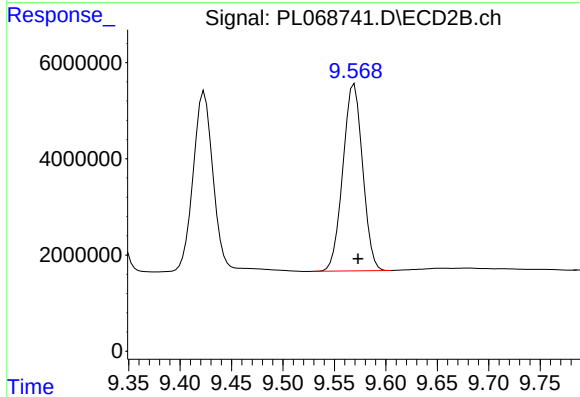
R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 45824630  
Conc: 65.39 ng/ml



#19 Endosulfan Sulfate

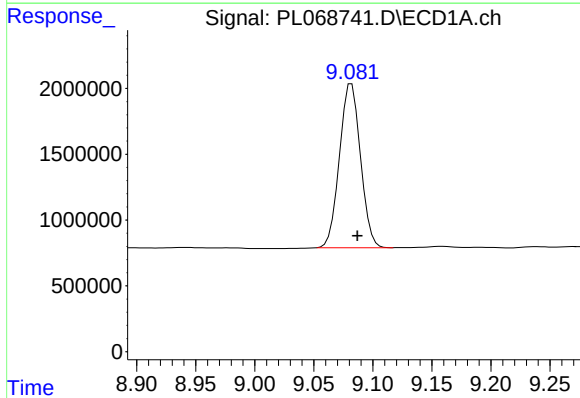
R.T.: 8.790 min  
Delta R.T.: -0.004 min  
Response: 27801029  
Conc: 54.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



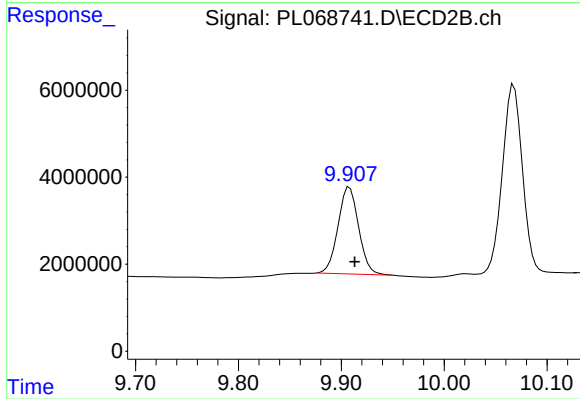
#19 Endosulfan Sulfate

R.T.: 9.569 min  
Delta R.T.: -0.004 min  
Response: 51906148  
Conc: 56.95 ng/ml



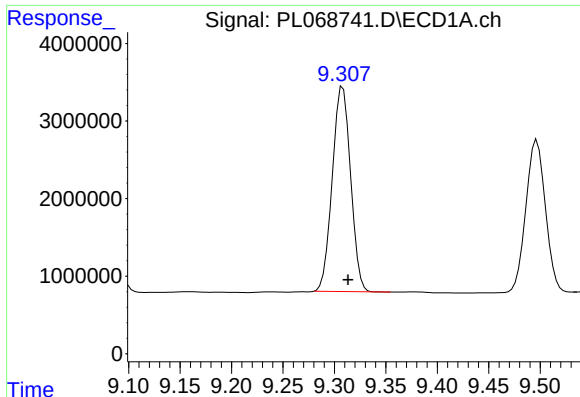
#20 Methoxychlor

R.T.: 9.082 min  
Delta R.T.: -0.005 min  
Response: 15421731  
Conc: 49.26 ng/ml



#20 Methoxychlor

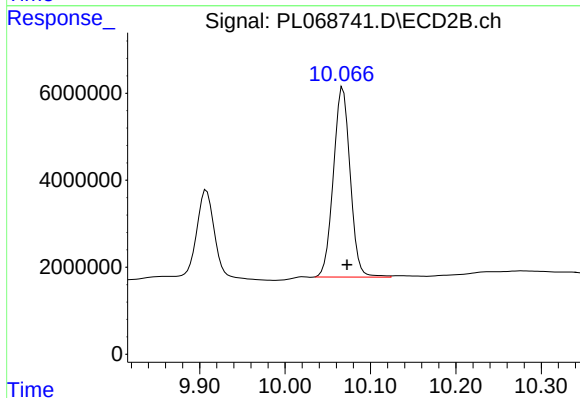
R.T.: 9.908 min  
Delta R.T.: -0.005 min  
Response: 27731279  
Conc: 53.29 ng/ml



#21 Endrin ketone

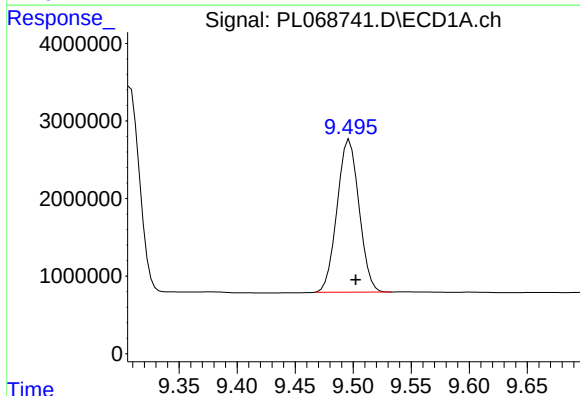
R.T.: 9.308 min  
Delta R.T.: -0.005 min  
Response: 32765414  
Conc: 56.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



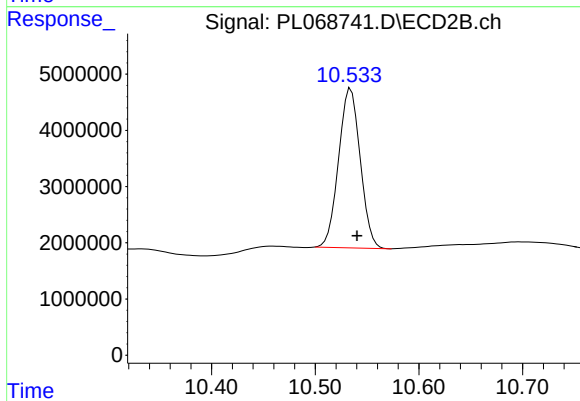
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.005 min  
Response: 59637302  
Conc: 58.57 ng/ml



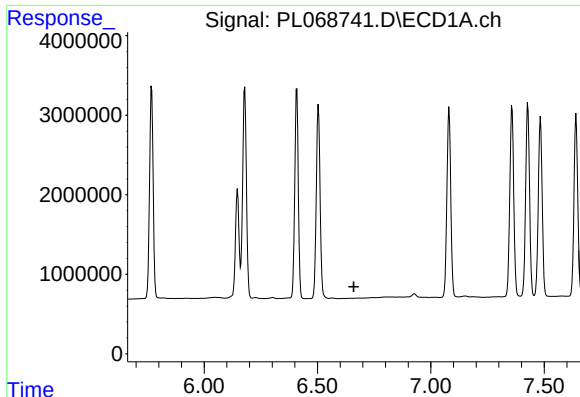
#22 Mirex

R.T.: 9.497 min  
Delta R.T.: -0.005 min  
Response: 25902320  
Conc: 51.70 ng/ml



#22 Mirex

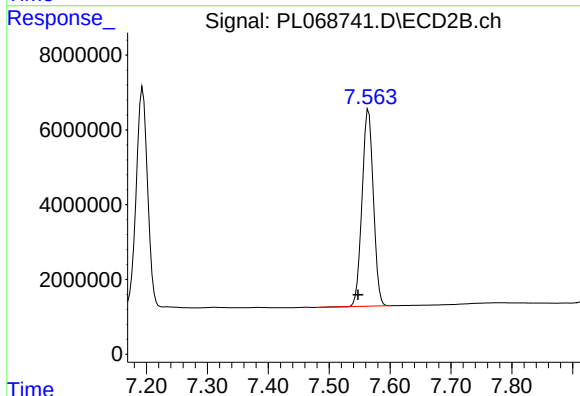
R.T.: 10.534 min  
Delta R.T.: -0.006 min  
Response: 41192120  
Conc: 52.08 ng/ml



#24 Chlordane-2

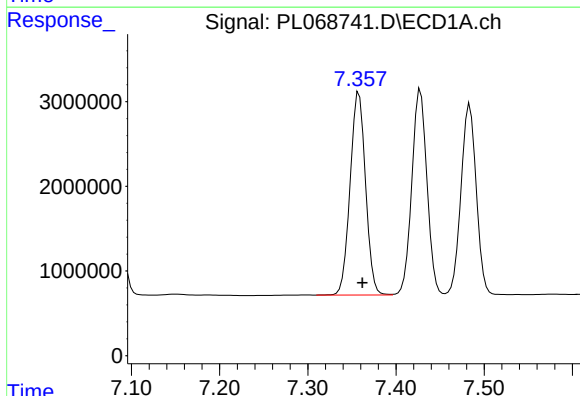
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



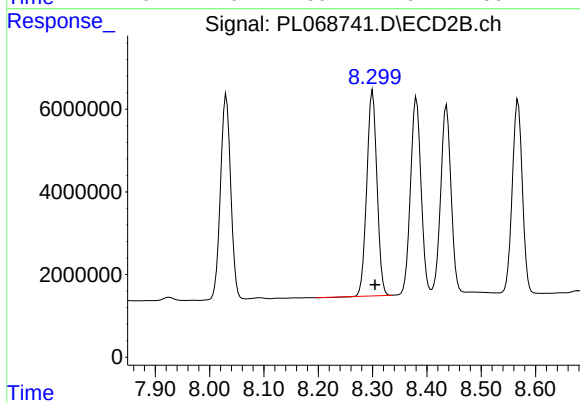
#24 Chlordane-2

R.T.: 7.565 min  
Delta R.T.: 0.017 min  
Response: 68143290  
Conc: 1572.71 ng/ml



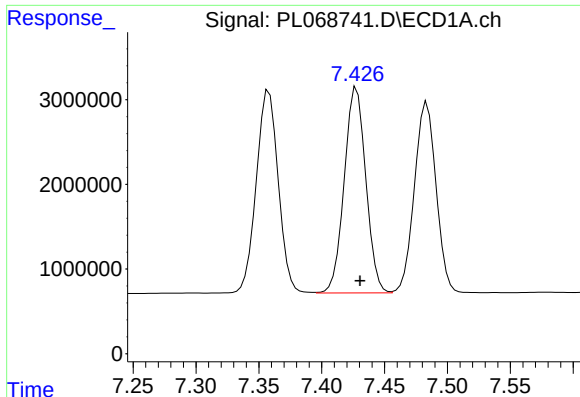
#25 Chlordane-3

R.T.: 7.358 min  
Delta R.T.: -0.004 min  
Response: 29171820  
Conc: 556.15 ng/ml



#25 Chlordane-3

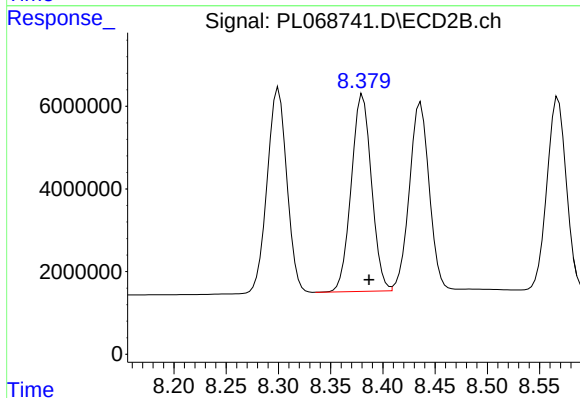
R.T.: 8.300 min  
Delta R.T.: -0.004 min  
Response: 64677206  
Conc: 395.93 ng/ml



#26 Chlordane-4

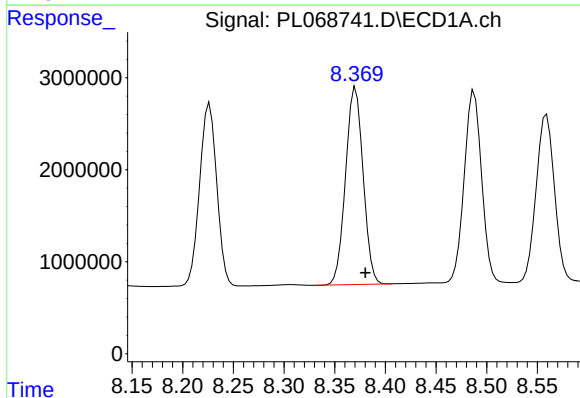
R.T.: 7.428 min  
Delta R.T.: -0.003 min  
Response: 29013467  
Conc: 521.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



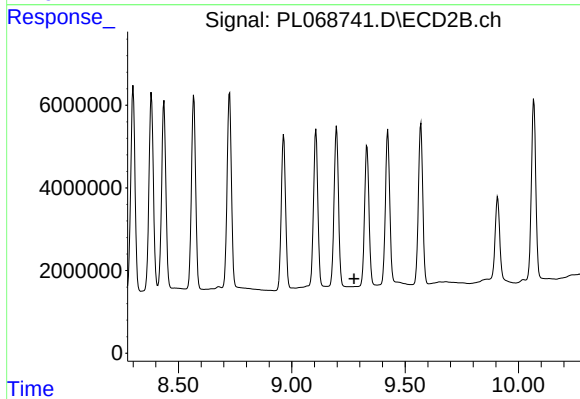
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.006 min  
Response: 64180022  
Conc: 323.61 ng/ml



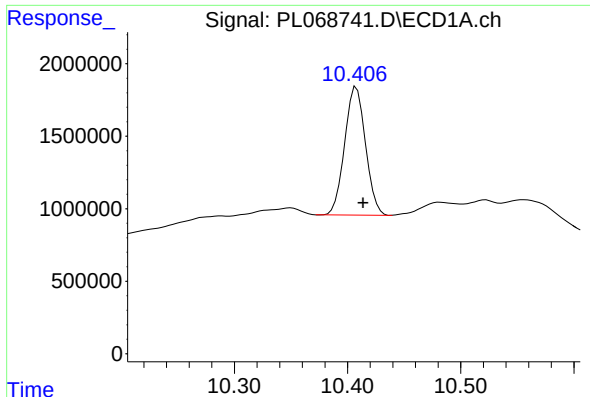
#27 Chlordane-5

R.T.: 8.371 min  
Delta R.T.: -0.010 min  
Response: 25804530  
Conc: 1251.35 ng/ml



#27 Chlordane-5

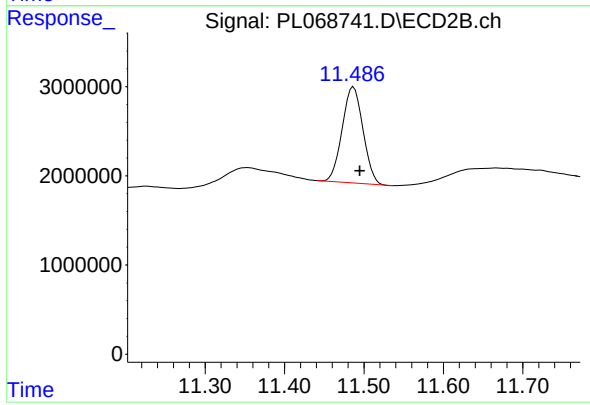
R.T.: 0.000 min  
Exp R.T.: 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.408 min  
Delta R.T.: -0.006 min  
Response: 11323480  
Conc: 19.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138221BS



#28 Decachlorobiphenyl

R.T.: 11.487 min  
Delta R.T.: -0.008 min  
Response: 19655312  
Conc: 20.26 ng/ml