

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072021\  
 Data File : PL068304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2021 00:31  
 Operator : AR\AJ  
 Sample : PB137818BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB137818BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 05:51:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.644  | 5.571  | 7909019  | 18852000 | 18.428   | 18.475     |
| 28)                         | SA Decachlor... | 10.421 | 11.493 | 11028775 | 17880811 | 19.609   | 20.046     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.352  | 6.151  | 29154730 | 70937088 | 49.804   | 52.174     |
| 3)                          | MA gamma-BHC... | 5.775  | 6.547  | 28497659 | 66211779 | 50.133   | 51.319     |
| 4)                          | MA Heptachlor   | 6.187  | 7.197  | 29029883 | 64782140 | 47.628   | 49.706     |
| 5)                          | MB Aldrin       | 6.513  | 7.568  | 27439279 | 59550294 | 48.828   | 50.191     |
| 6)                          | B beta-BHC      | 6.154  | 6.799  | 14359795 | 32388386 | 49.073   | 45.846     |
| 7)                          | B delta-BHC     | 6.416  | 7.067  | 28590206 | 65699219 | 51.170   | 53.623     |
| 8)                          | B Heptachlo...  | 7.089  | 8.033  | 27216016 | 57412968 | 48.989   | 50.780     |
| 9)                          | A Endosulfan I  | 7.493  | 8.439  | 25935602 | 52857884 | 49.095   | 51.339     |
| 10)                         | B gamma-Chl...  | 7.367  | 8.302  | 28240631 | 58299929 | 49.219   | 51.766     |
| 11)                         | B alpha-Chl...  | 7.437  | 8.384  | 27931021 | 57085946 | 48.631   | 50.756     |
| 12)                         | B 4,4'-DDE      | 7.651  | 8.571  | 25362459 | 53523610 | 50.330   | 51.936     |
| 13)                         | MA Dieldrin     | 7.779  | 8.728  | 27222198 | 55889173 | 50.572   | 52.694     |
| 14)                         | MA Endrin       | 8.071  | 8.968  | 24002201 | 44581096 | 47.995   | 49.858     |
| 15)                         | B Endosulfa...  | 8.381  | 9.201  | 24754045 | 48053553 | 50.139   | 53.016     |
| 16)                         | A 4,4'-DDD      | 8.236  | 9.110  | 23143412 | 46145187 | 51.812   | 54.194     |
| 17)                         | MA 4,4'-DDT     | 8.498  | 9.428  | 22667999 | 42828074 | 45.192   | 45.376     |
| 18)                         | B Endrin al...  | 8.569  | 9.336  | 22184709 | 42284489 | 56.003   | 58.669     |
| 19)                         | B Endosulfa...  | 8.800  | 9.573  | 26742915 | 48578541 | 50.893   | 53.948     |
| 20)                         | A Methoxychlor  | 9.094  | 9.912  | 14199393 | 23749985 | 45.393   | 46.749     |
| 21)                         | B Endrin ke...  | 9.320  | 10.072 | 31214177 | 53642762 | 52.716   | 53.786     |
| 22)                         | Mirex           | 9.509  | 10.539 | 25987036 | 40134909 | 52.624   | 51.878     |
| 24)                         | Chlordane-2     | 0.000  | 7.568f | 0        | 59550294 | N.D.     | 1431.325 # |
| 25)                         | Chlordane-3     | 7.367  | 8.302  | 28240631 | 58299929 | 524.394  | 376.445 #  |
| 26)                         | Chlordane-4     | 7.437  | 8.384  | 27931021 | 57085946 | 494.707  | 304.490 #  |
| 27)                         | Chlordane-5     | 8.381  | 0.000  | 24754045 | 0        | 1229.938 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

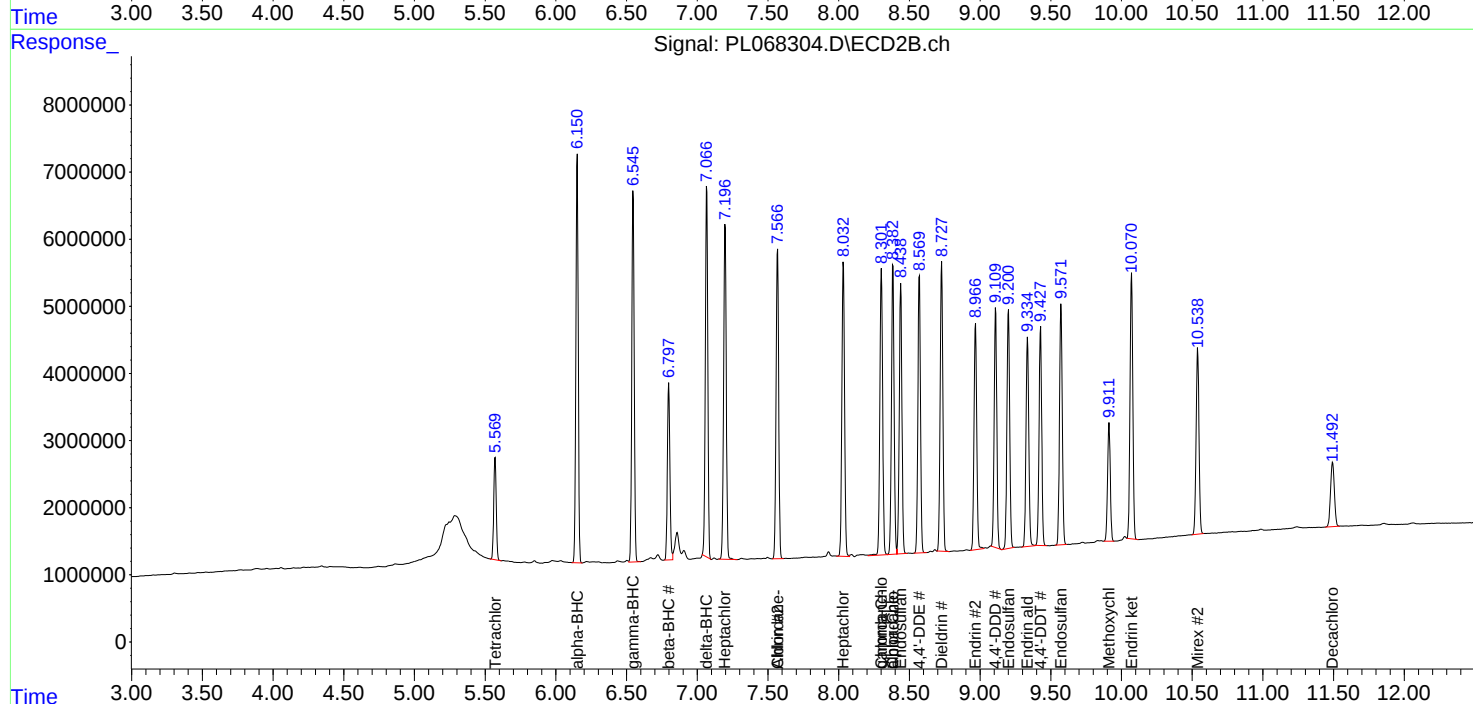
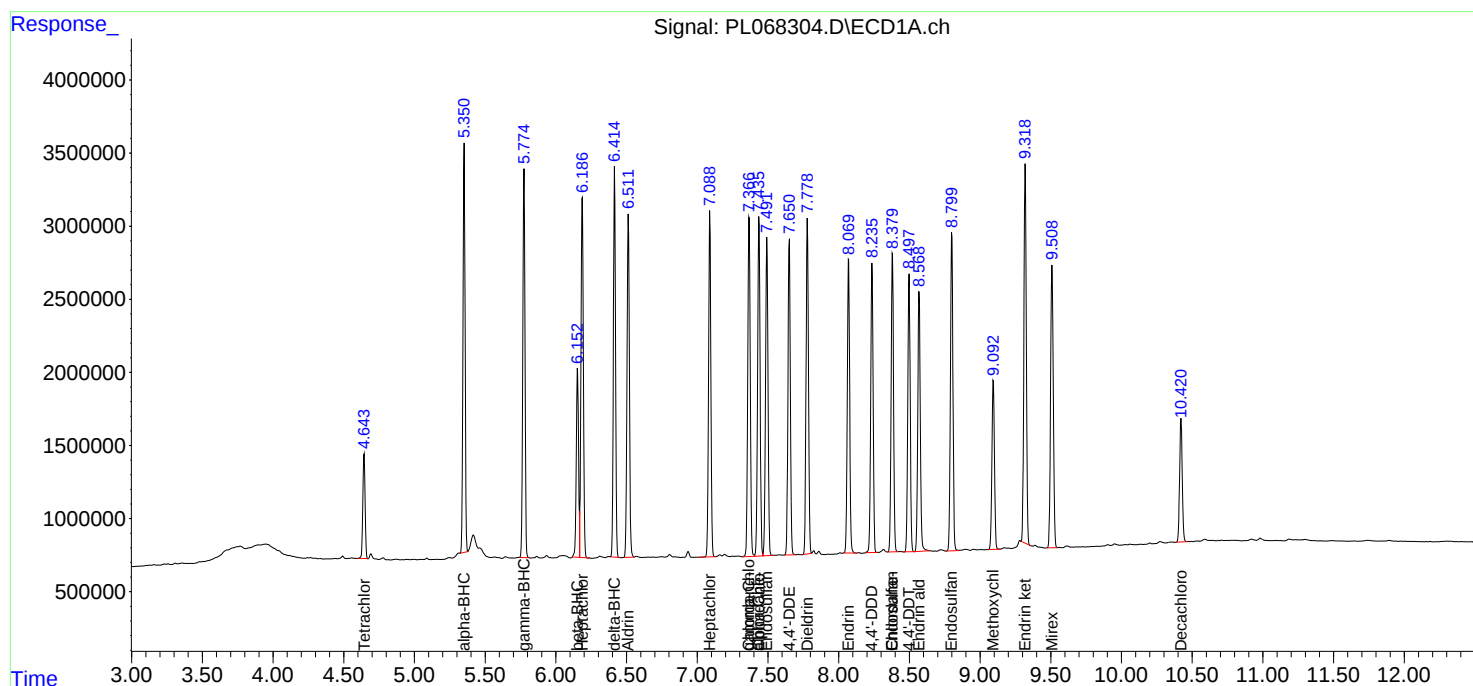
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

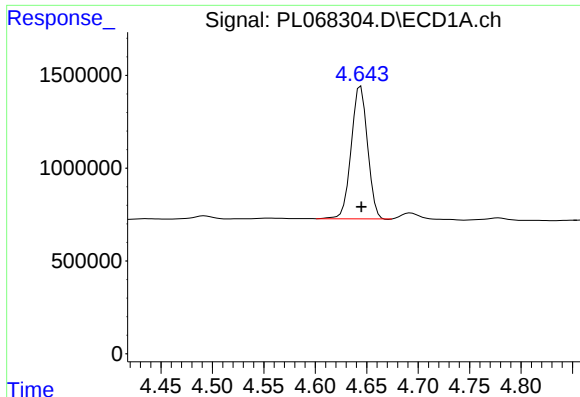
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072021\  
Data File : PL068304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2021 00:31  
Operator : AR\AJ  
Sample : PB137818BS  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS

Integration File signal 1: autoint1.e  
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Quant Time: Jul 21 05:51:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 2021  
Response via : Initial Calibration  
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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

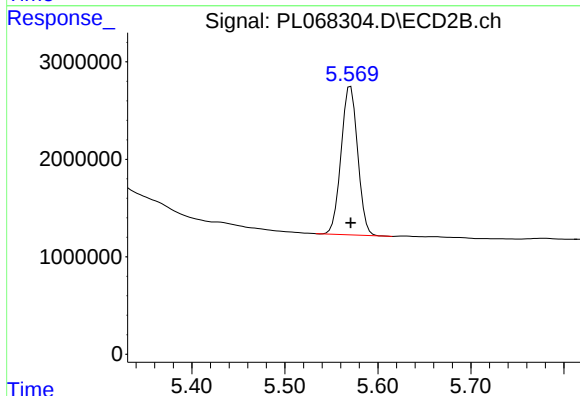




#1 Tetrachloro-m-xylene

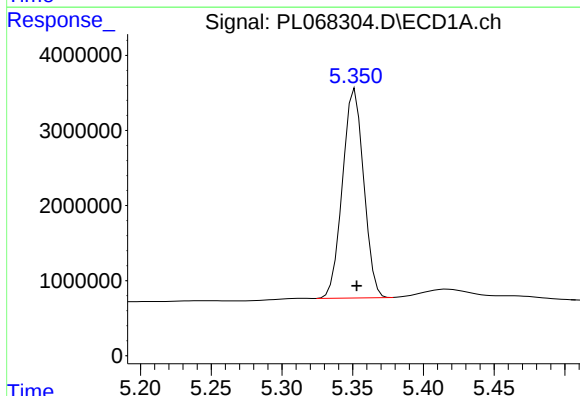
R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 7909019  
Conc: 18.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



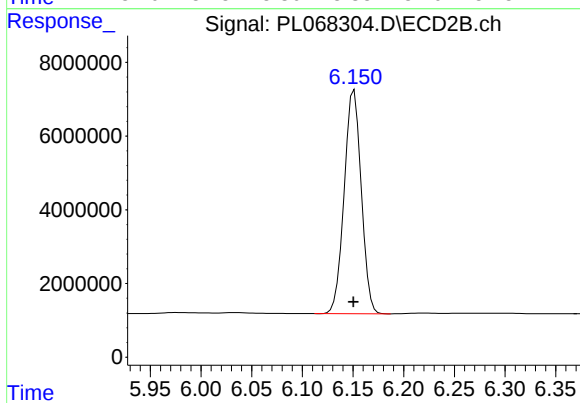
#1 Tetrachloro-m-xylene

R.T.: 5.571 min  
Delta R.T.: 0.000 min  
Response: 18852000  
Conc: 18.47 ng/ml



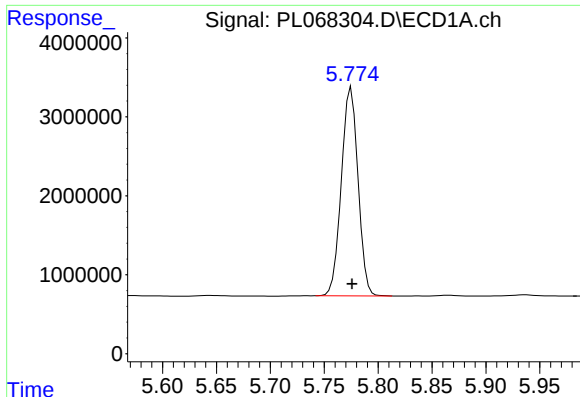
#2 alpha-BHC

R.T.: 5.352 min  
Delta R.T.: -0.001 min  
Response: 29154730  
Conc: 49.80 ng/ml



#2 alpha-BHC

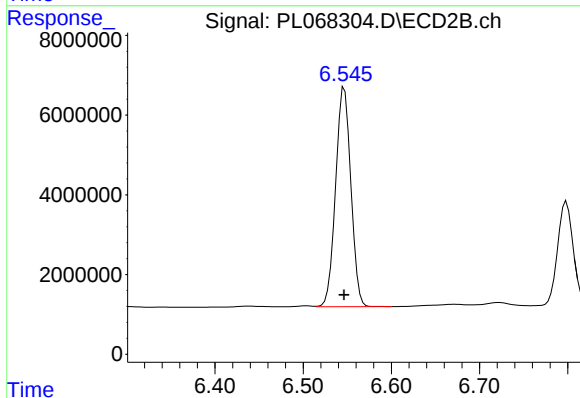
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 70937088  
Conc: 52.17 ng/ml



#3 gamma-BHC (Lindane)

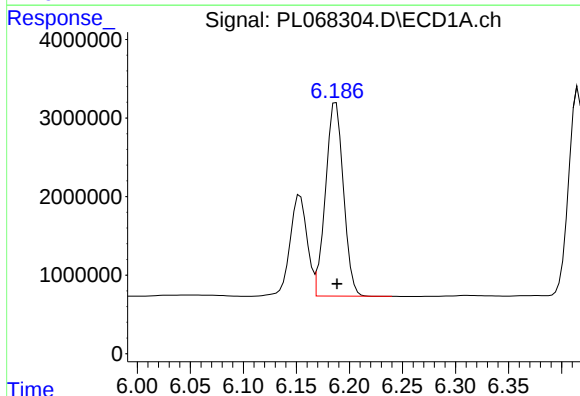
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 28497659  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



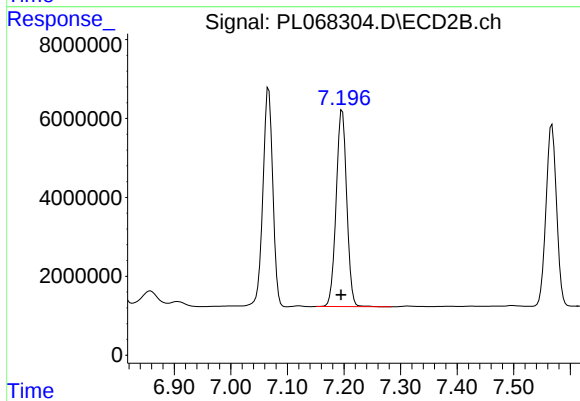
#3 gamma-BHC (Lindane)

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 66211779  
Conc: 51.32 ng/ml



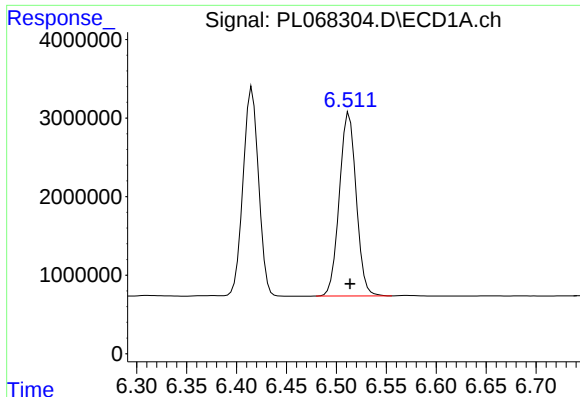
#4 Heptachlor

R.T.: 6.187 min  
Delta R.T.: -0.001 min  
Response: 29029883  
Conc: 47.63 ng/ml



#4 Heptachlor

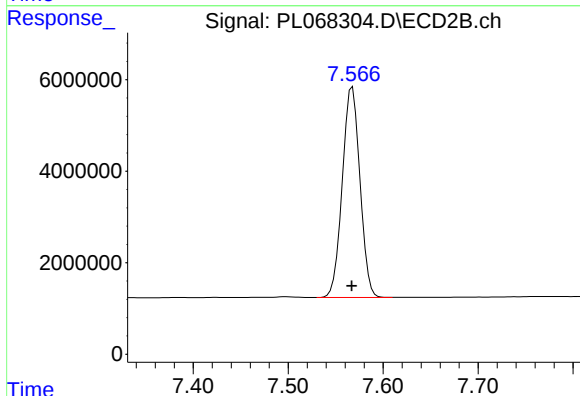
R.T.: 7.197 min  
Delta R.T.: 0.002 min  
Response: 64782140  
Conc: 49.71 ng/ml



#5 Aldrin

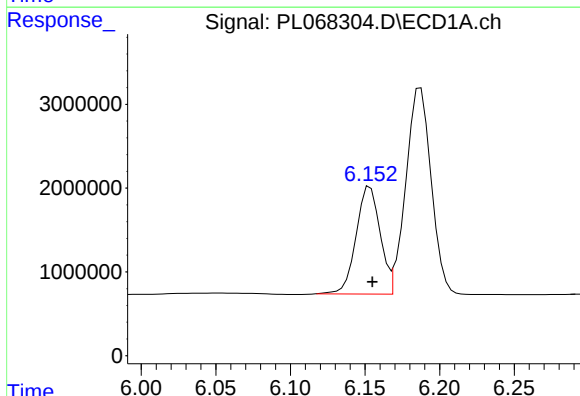
R.T.: 6.513 min  
Delta R.T.: -0.001 min  
Response: 27439279  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



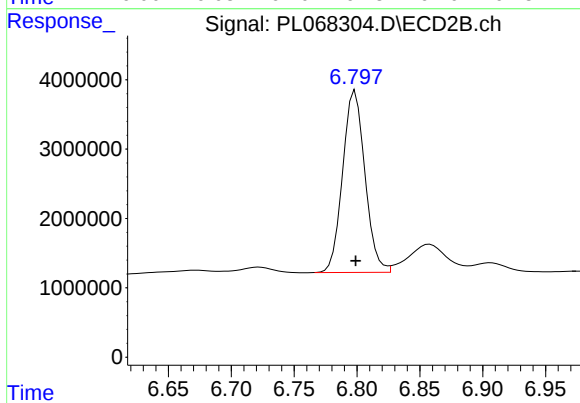
#5 Aldrin

R.T.: 7.568 min  
Delta R.T.: 0.000 min  
Response: 59550294  
Conc: 50.19 ng/ml



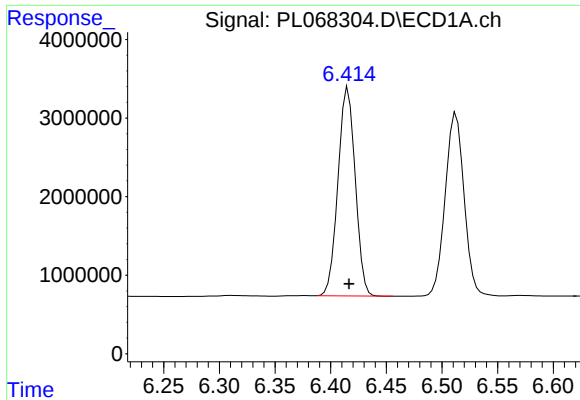
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: -0.001 min  
Response: 14359795  
Conc: 49.07 ng/ml



#6 beta-BHC

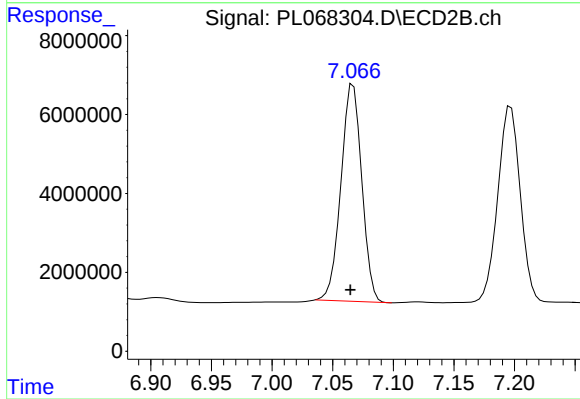
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 32388386  
Conc: 45.85 ng/ml



#7 delta-BHC

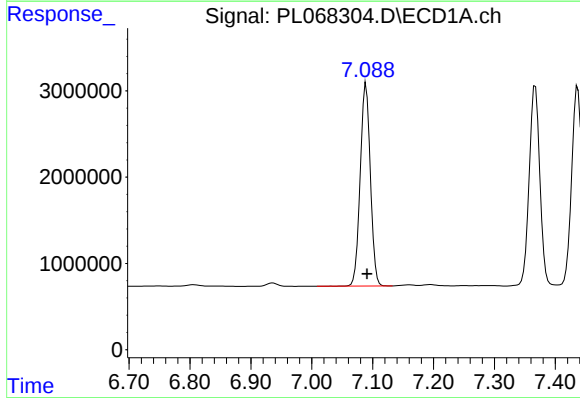
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 28590206  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



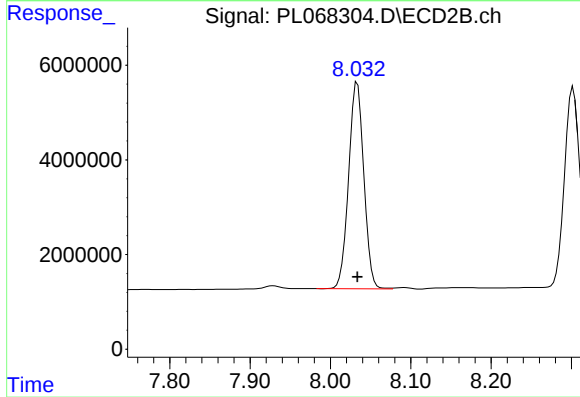
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 65699219  
Conc: 53.62 ng/ml



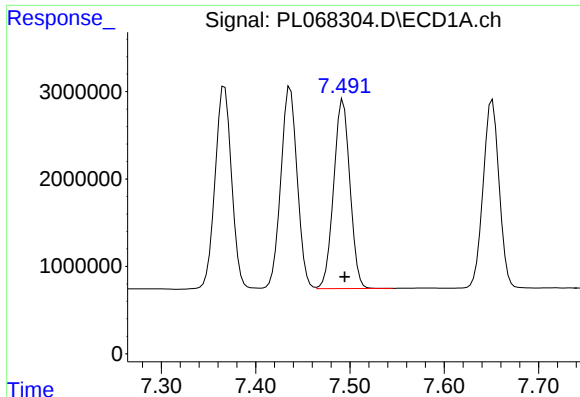
#8 Heptachlor epoxide

R.T.: 7.089 min  
Delta R.T.: -0.002 min  
Response: 27216016  
Conc: 48.99 ng/ml



#8 Heptachlor epoxide

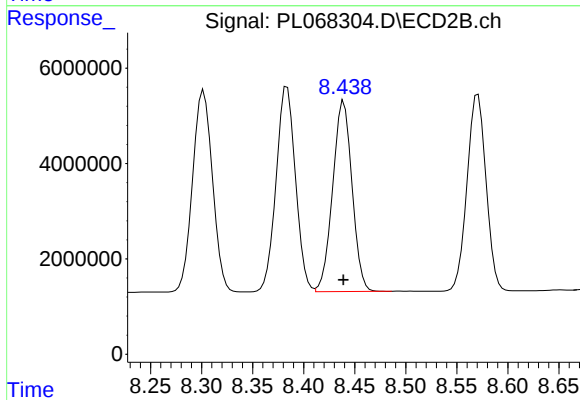
R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 57412968  
Conc: 50.78 ng/ml



#9 Endosulfan I

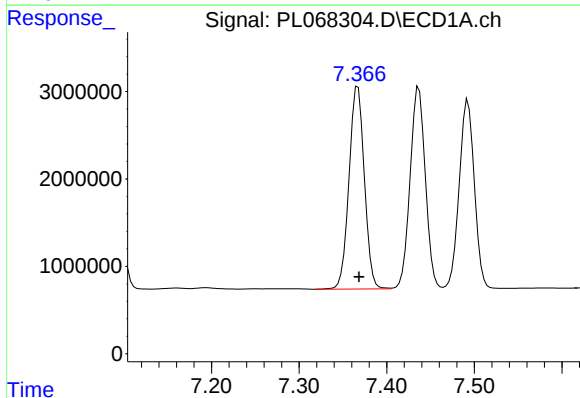
R.T.: 7.493 min  
Delta R.T.: -0.002 min  
Response: 25935602  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



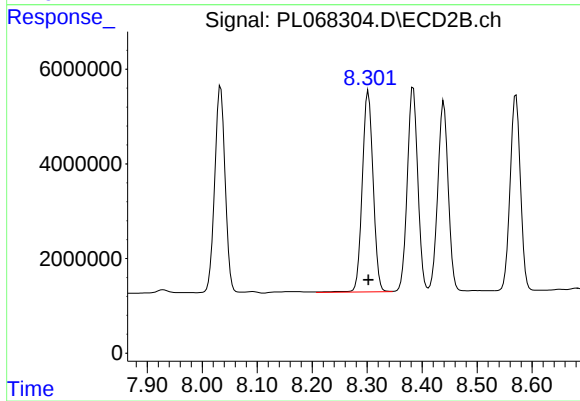
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.000 min  
Response: 52857884  
Conc: 51.34 ng/ml



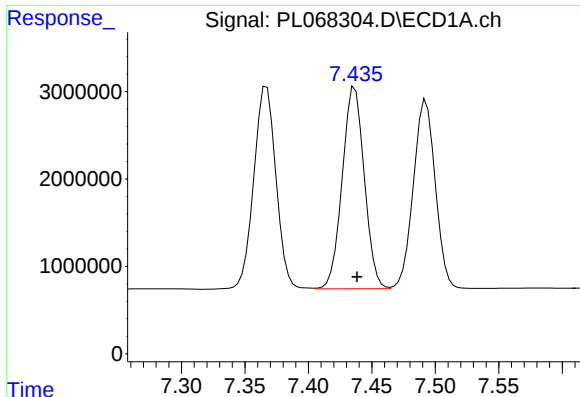
#10 gamma-Chlordane

R.T.: 7.367 min  
Delta R.T.: -0.002 min  
Response: 28240631  
Conc: 49.22 ng/ml



#10 gamma-Chlordane

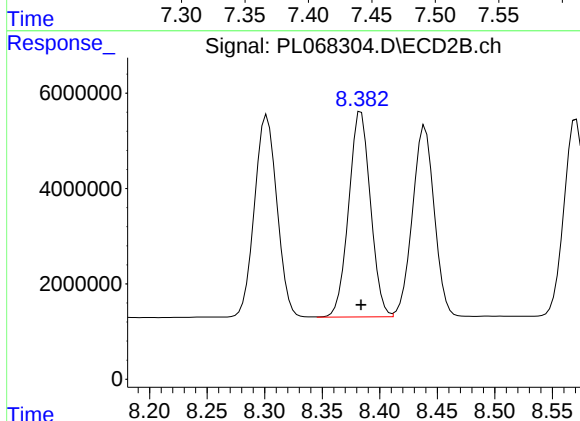
R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 58299929  
Conc: 51.77 ng/ml



#11 alpha-Chlordane

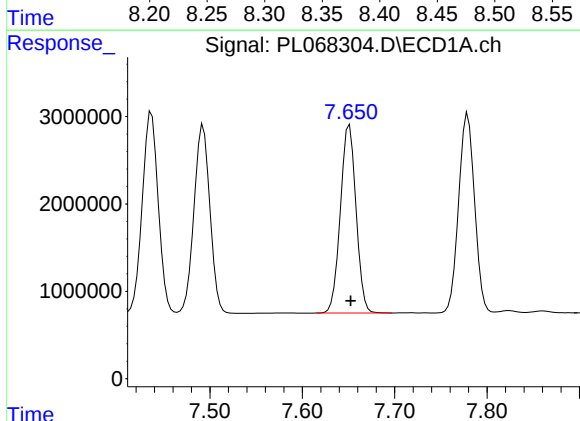
R.T.: 7.437 min  
Delta R.T.: -0.002 min  
Response: 27931021  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



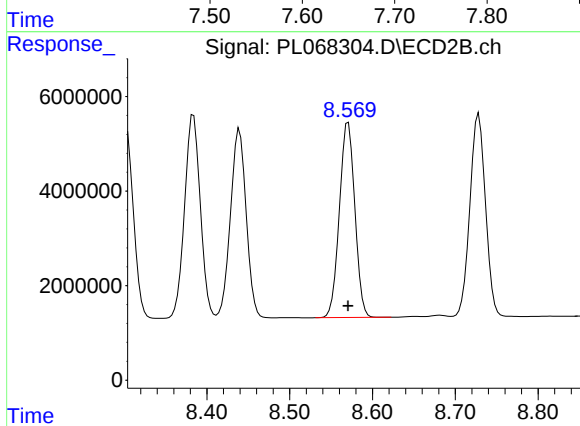
#11 alpha-Chlordane

R.T.: 8.384 min  
Delta R.T.: 0.000 min  
Response: 57085946  
Conc: 50.76 ng/ml



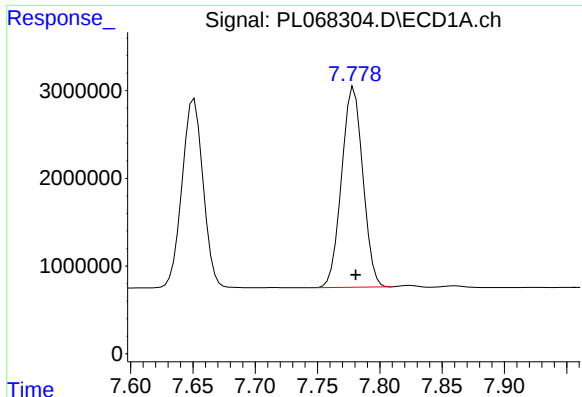
#12 4,4'-DDE

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 25362459  
Conc: 50.33 ng/ml



#12 4,4'-DDE

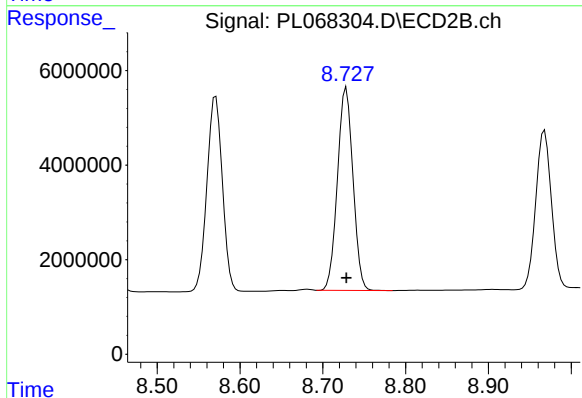
R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 53523610  
Conc: 51.94 ng/ml



#13 Dieldrin

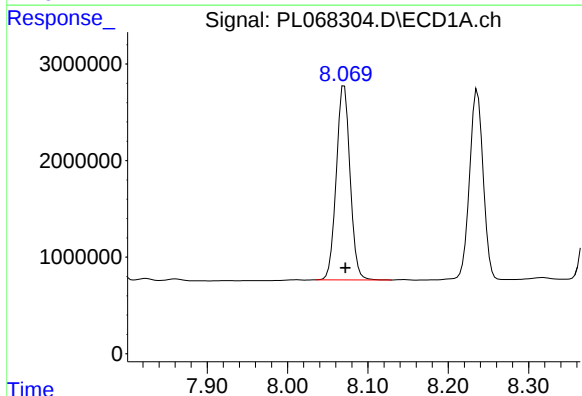
R.T.: 7.779 min  
Delta R.T.: -0.001 min  
Response: 27222198  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



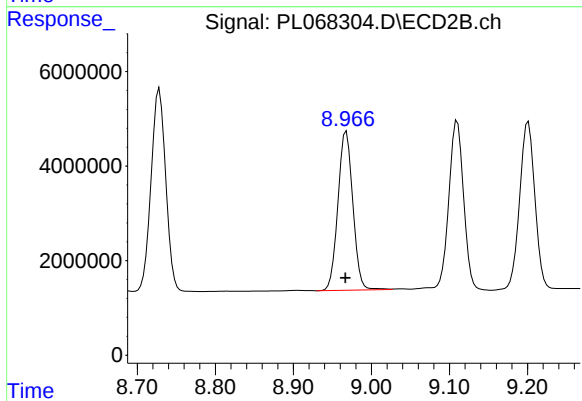
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 55889173  
Conc: 52.69 ng/ml



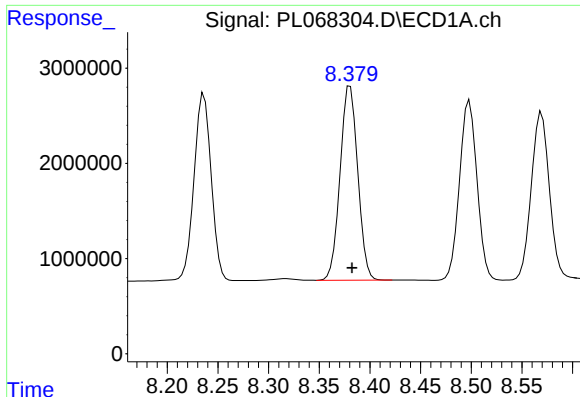
#14 Endrin

R.T.: 8.071 min  
Delta R.T.: -0.002 min  
Response: 24002201  
Conc: 48.00 ng/ml



#14 Endrin

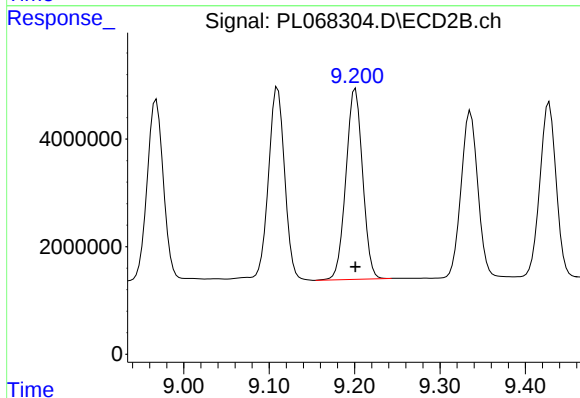
R.T.: 8.968 min  
Delta R.T.: 0.001 min  
Response: 44581096  
Conc: 49.86 ng/ml



#15 Endosulfan II

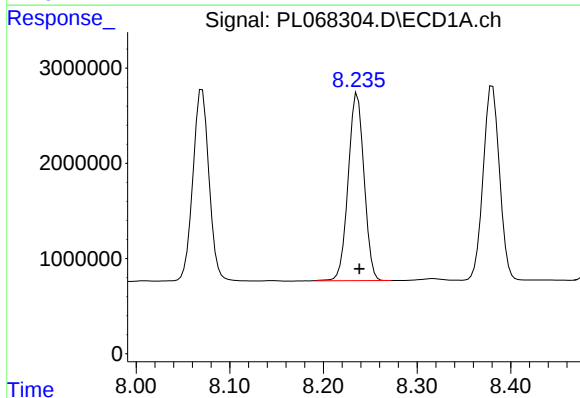
R.T.: 8.381 min  
Delta R.T.: -0.002 min  
Response: 24754045  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



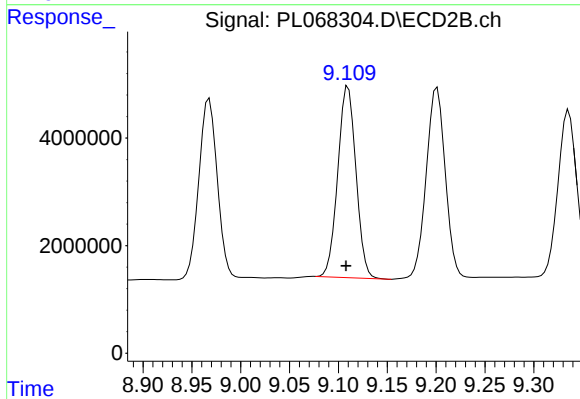
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 48053553  
Conc: 53.02 ng/ml



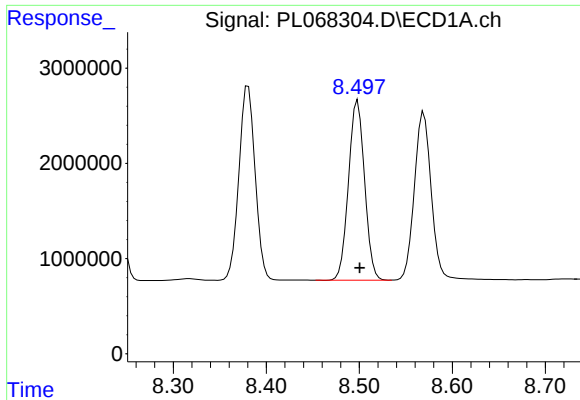
#16 4,4'-DDD

R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 23143412  
Conc: 51.81 ng/ml



#16 4,4'-DDD

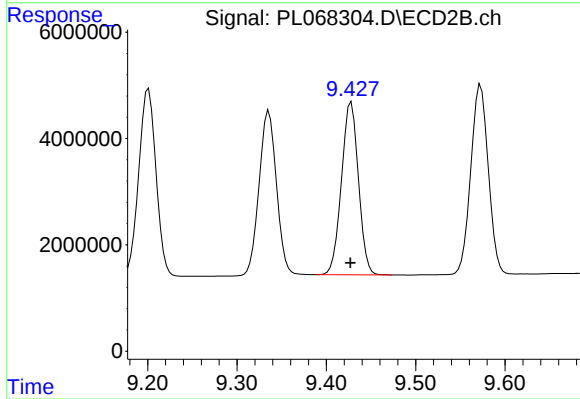
R.T.: 9.110 min  
Delta R.T.: 0.002 min  
Response: 46145187  
Conc: 54.19 ng/ml



#17 4,4'-DDT

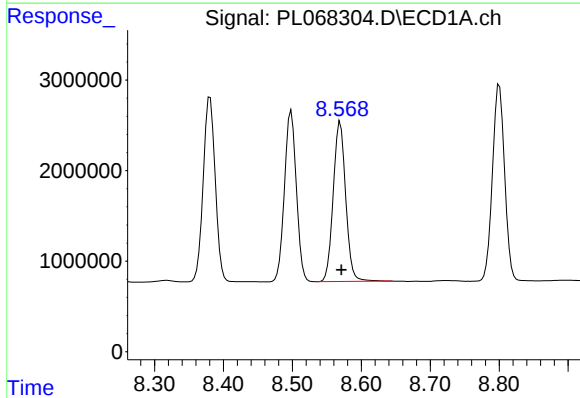
R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 22667999  
Conc: 45.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



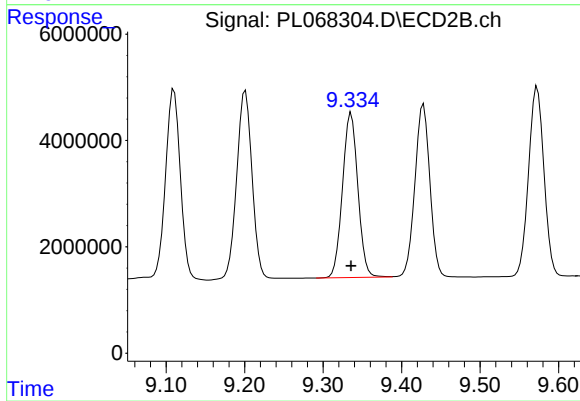
#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 42828074  
Conc: 45.38 ng/ml



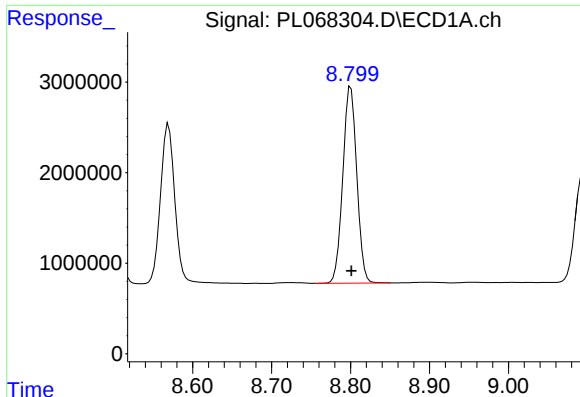
#18 Endrin aldehyde

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 22184709  
Conc: 56.00 ng/ml



#18 Endrin aldehyde

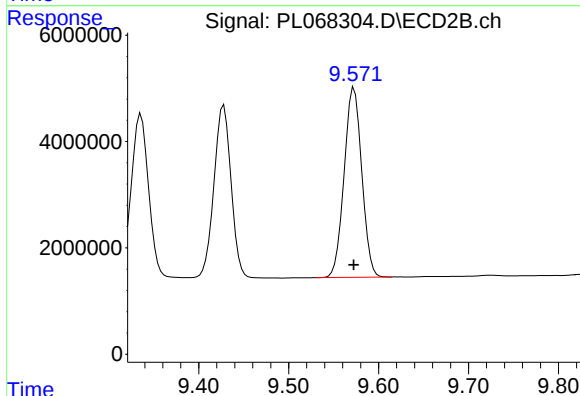
R.T.: 9.336 min  
Delta R.T.: 0.000 min  
Response: 42284489  
Conc: 58.67 ng/ml



#19 Endosulfan Sulfate

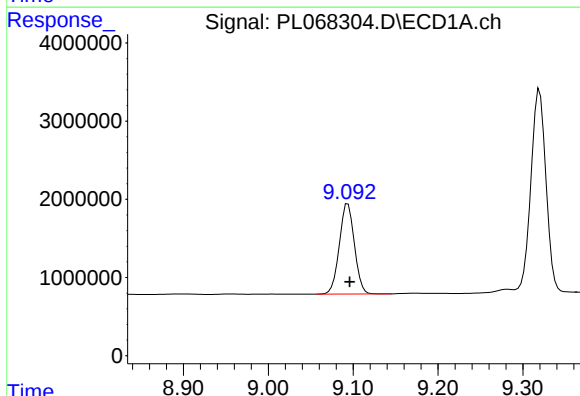
R.T.: 8.800 min  
Delta R.T.: 0.000 min  
Response: 26742915  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



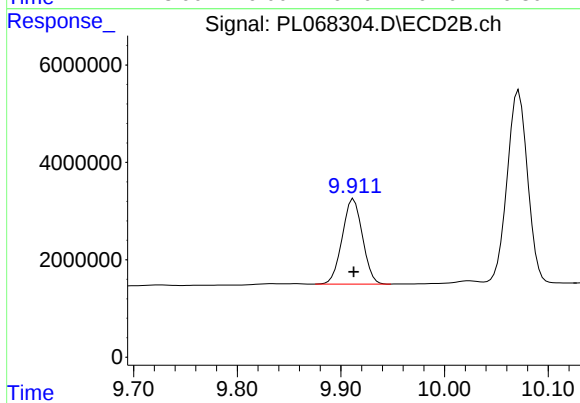
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 48578541  
Conc: 53.95 ng/ml



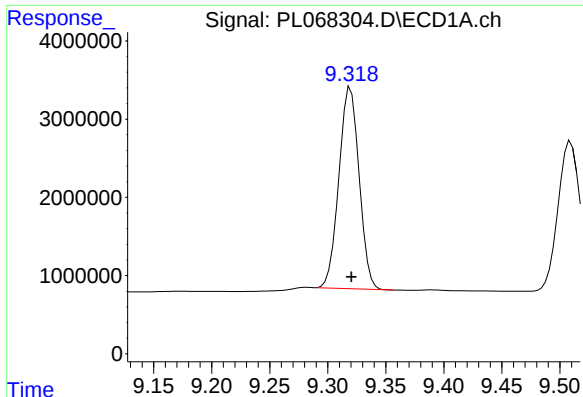
#20 Methoxychlor

R.T.: 9.094 min  
Delta R.T.: -0.002 min  
Response: 14199393  
Conc: 45.39 ng/ml



#20 Methoxychlor

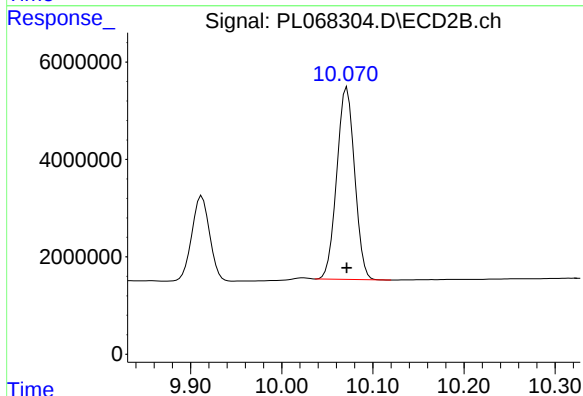
R.T.: 9.912 min  
Delta R.T.: 0.000 min  
Response: 23749985  
Conc: 46.75 ng/ml



#21 Endrin ketone

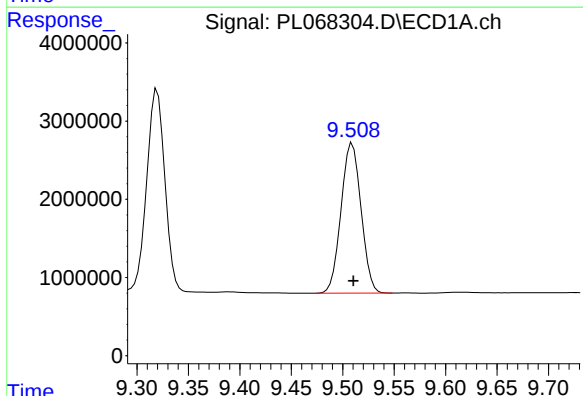
R.T.: 9.320 min  
Delta R.T.: 0.000 min  
Response: 31214177  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



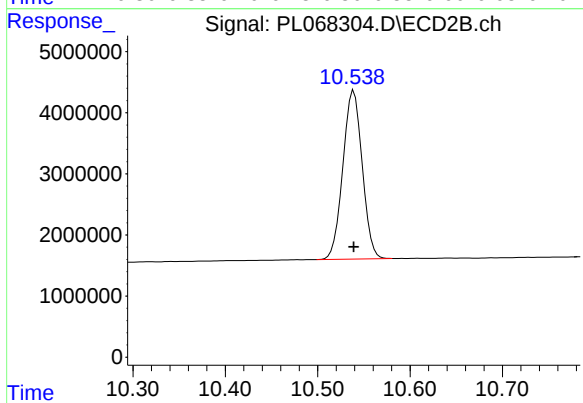
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: 0.000 min  
Response: 53642762  
Conc: 53.79 ng/ml



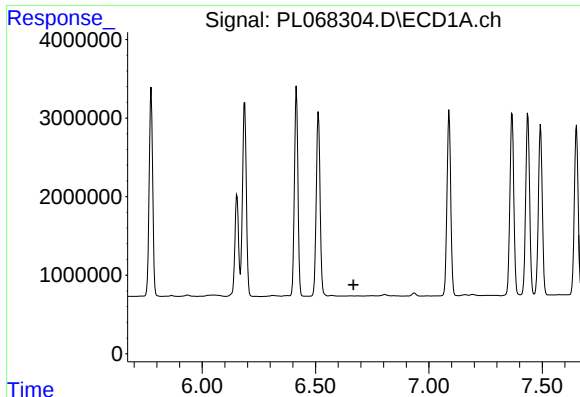
#22 Mirex

R.T.: 9.509 min  
Delta R.T.: -0.001 min  
Response: 25987036  
Conc: 52.62 ng/ml



#22 Mirex

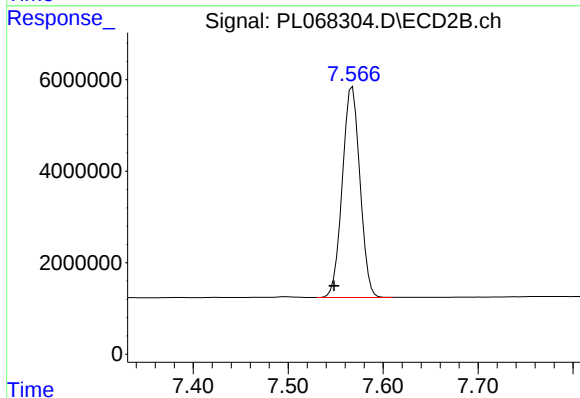
R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 40134909  
Conc: 51.88 ng/ml



#24 Chlordane-2

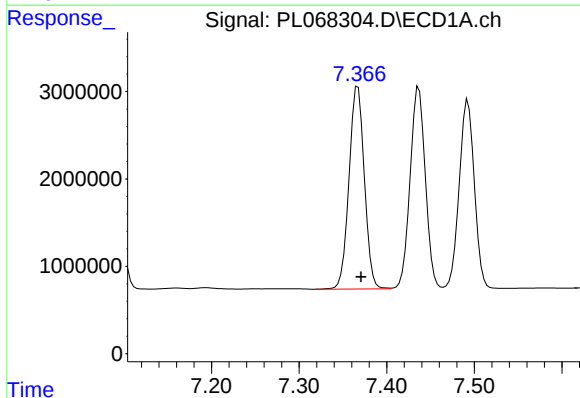
R.T.: 0.000 min  
Exp R.T.: 6.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



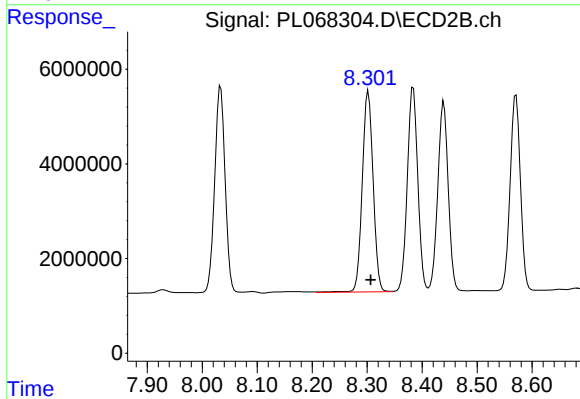
#24 Chlordane-2

R.T.: 7.568 min  
Delta R.T.: 0.019 min  
Response: 59550294  
Conc: 1431.33 ng/ml



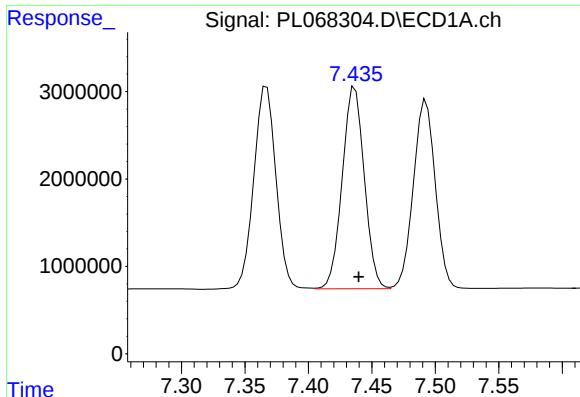
#25 Chlordane-3

R.T.: 7.367 min  
Delta R.T.: -0.004 min  
Response: 28240631  
Conc: 524.39 ng/ml



#25 Chlordane-3

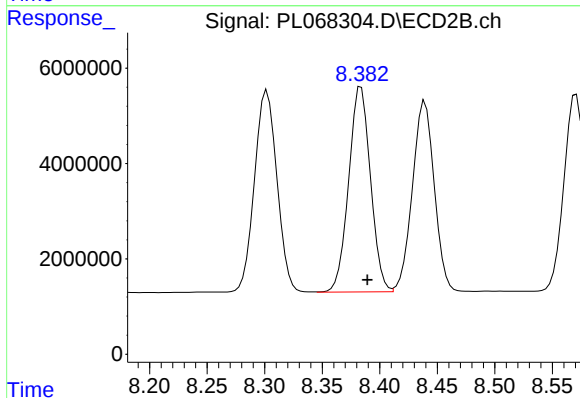
R.T.: 8.302 min  
Delta R.T.: -0.004 min  
Response: 58299929  
Conc: 376.44 ng/ml



#26 Chlordane-4

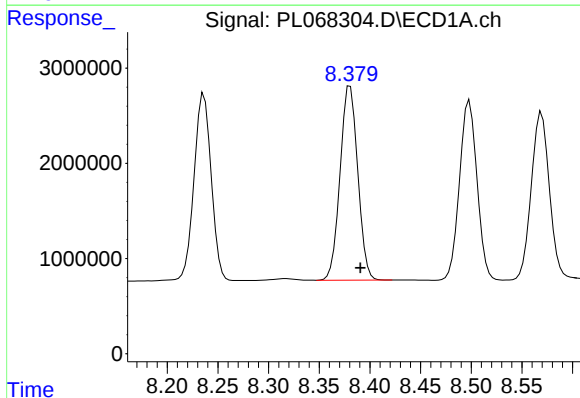
R.T.: 7.437 min  
Delta R.T.: -0.003 min  
Response: 27931021  
Conc: 494.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



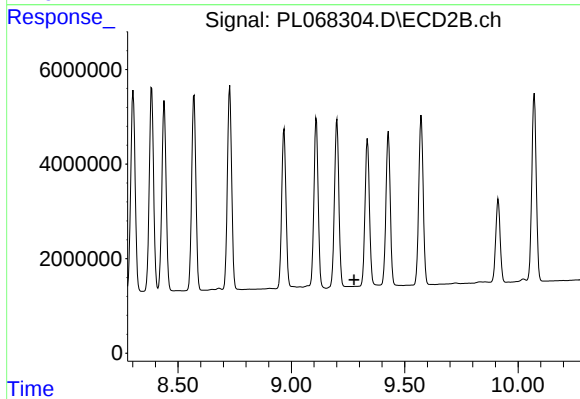
#26 Chlordane-4

R.T.: 8.384 min  
Delta R.T.: -0.005 min  
Response: 57085946  
Conc: 304.49 ng/ml



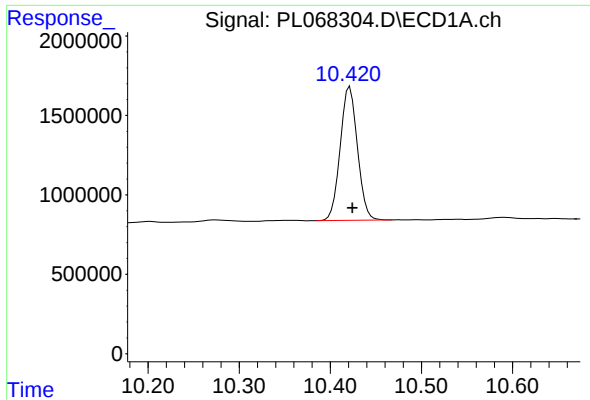
#27 Chlordane-5

R.T.: 8.381 min  
Delta R.T.: -0.010 min  
Response: 24754045  
Conc: 1229.94 ng/ml



#27 Chlordane-5

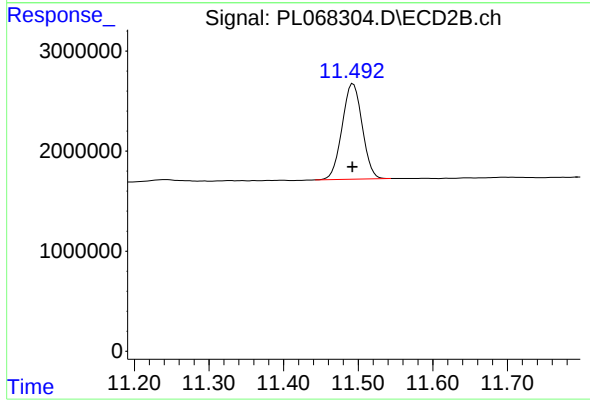
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.421 min  
Delta R.T.: -0.003 min  
Response: 11028775  
Conc: 19.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137818BS



#28 Decachlorobiphenyl

R.T.: 11.493 min  
Delta R.T.: 0.000 min  
Response: 17880811  
Conc: 20.05 ng/ml