

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071221\  
 Data File : PL068065.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jul 2021 23:50  
 Operator : AR\AJ  
 Sample : M2947-07MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 02:39:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071221.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 12 14:08:44 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... | 4.673  | 5.582  | 9675059  | 18534110 | 17.481   | 18.124     |
| 28)                         | SA Decachlor... | 10.473 | 11.505 | 8924574  | 13533847 | 16.081   | 17.368     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.380  | 6.162  | 43317085 | 82589284 | 59.368   | 62.398     |
| 3)                          | MA gamma-BHC... | 5.803  | 6.558  | 41990604 | 76686914 | 58.567   | 61.551     |
| 4)                          | MA Heptachlor   | 6.217  | 7.207  | 41581801 | 74546575 | 56.798   | 60.919     |
| 5)                          | MB Aldrin       | 6.543  | 7.579  | 39161879 | 66819547 | 57.020   | 60.366     |
| 6)                          | B beta-BHC      | 6.181  | 6.809  | 20038828 | 36264246 | 55.794   | 54.601     |
| 7)                          | B delta-BHC     | 6.444  | 7.078  | 42235365 | 75895238 | 60.625   | 63.815     |
| 8)                          | B Heptachlo...  | 7.120  | 8.044  | 36892293 | 62287352 | 57.151   | 60.429     |
| 9)                          | A Endosulfan I  | 7.525  | 8.450  | 34728491 | 56360391 | 57.632   | 60.442     |
| 10)                         | B gamma-Chl...  | 7.399  | 8.313  | 37934201 | 61431277 | 57.591   | 59.956     |
| 11)                         | B alpha-Chl...  | 7.469  | 8.395  | 37655250 | 61087991 | 56.937   | 60.106     |
| 12)                         | B 4,4'-DDE      | 7.683  | 8.580  | 35622102 | 56007608 | 59.389   | 60.947     |
| 13)                         | MA Dieldrin     | 7.812  | 8.739  | 37128362 | 58771040 | 58.904   | 61.651     |
| 14)                         | MA Endrin       | 8.104  | 8.979  | 33435392 | 48773427 | 60.029   | 61.925     |
| 15)                         | B Endosulfa...  | 8.415  | 9.211  | 31706188 | 49674591 | 60.367   | 62.781     |
| 16)                         | A 4,4'-DDD      | 8.270  | 9.120  | 29337152 | 47862596 | 58.105   | 61.486     |
| 17)                         | MA 4,4'-DDT     | 8.533  | 9.437  | 30671039 | 47970999 | 56.826   | 57.732     |
| 18)                         | B Endrin al...  | 8.604  | 9.346  | 26738064 | 41668524 | 64.149   | 65.292     |
| 19)                         | B Endosulfa...  | 8.836  | 9.583  | 31692462 | 49980720 | 57.892   | 62.201     |
| 20)                         | A Methoxychlor  | 9.133  | 9.922  | 17612108 | 25467761 | 56.336   | 58.232     |
| 21)                         | B Endrin ke...  | 9.357  | 10.082 | 35668653 | 51710817 | 58.902   | 59.604     |
| 22)                         | Mirex           | 9.549  | 10.550 | 28300738 | 40927198 | 56.837   | 60.702     |
| 24)                         | Chlordane-2     | 0.000  | 7.579f | 0        | 66819547 | N.D.     | 1686.104 # |
| 25)                         | Chlordane-3     | 7.399  | 8.313  | 37934201 | 61431277 | 591.288  | 437.574 #  |
| 26)                         | Chlordane-4     | 7.469  | 8.395  | 37655250 | 61087991 | 559.154  | 362.097 #  |
| 27)                         | Chlordane-5     | 8.415  | 0.000  | 31706188 | 0        | 1400.876 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

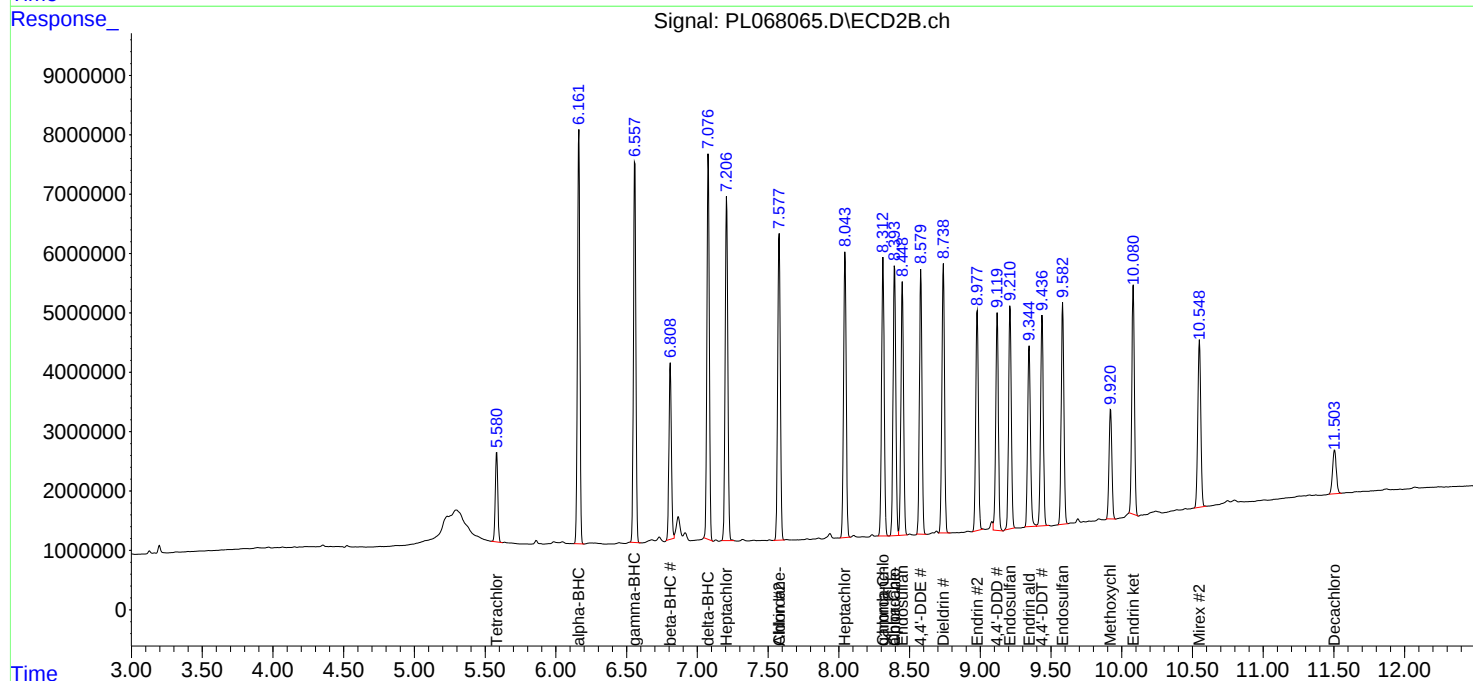
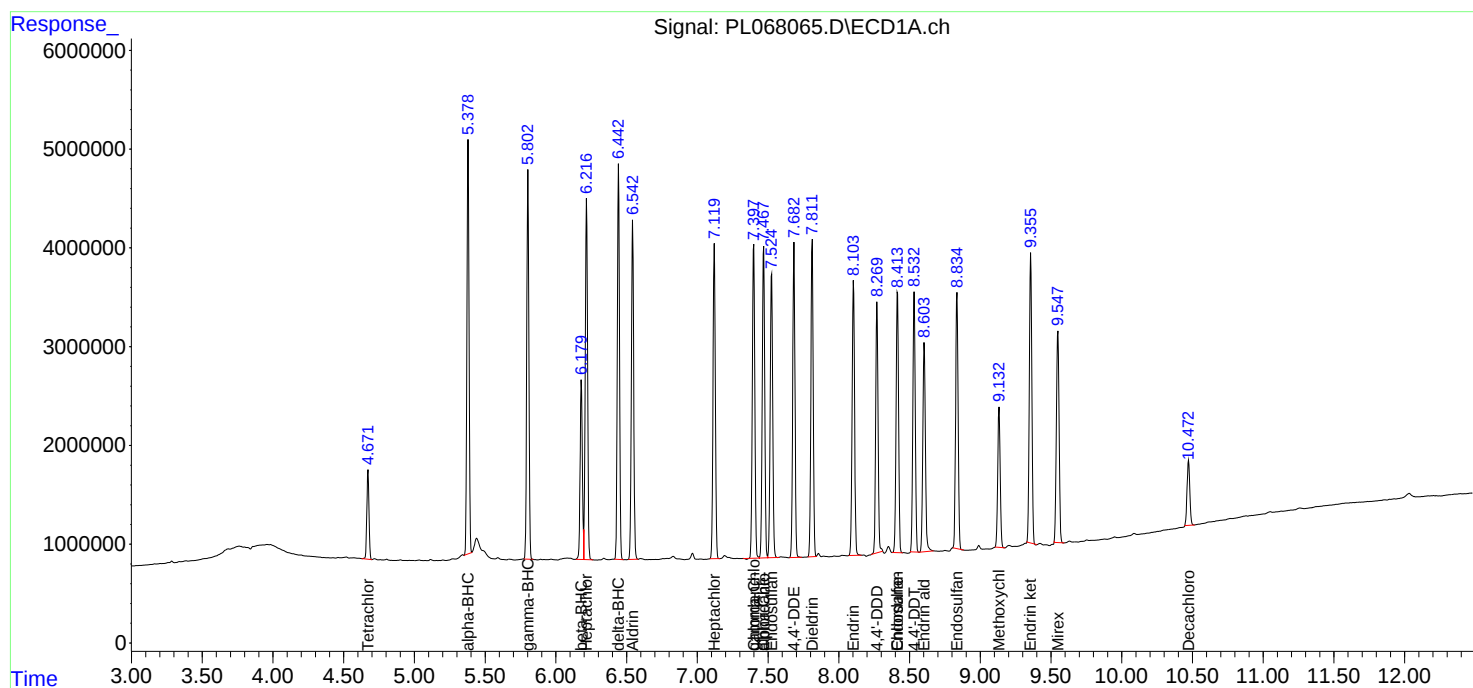
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

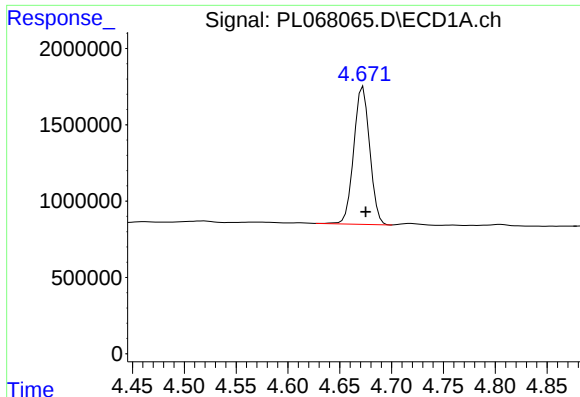
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071221\  
Data File : PL068065.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jul 2021 23:50  
Operator : AR\AJ  
Sample : M2947-07MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

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ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 02:39:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071221.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 12 14:08:44 2021  
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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

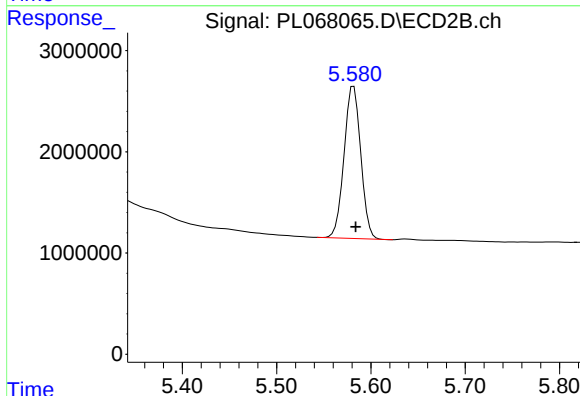




#1 Tetrachloro-m-xylene

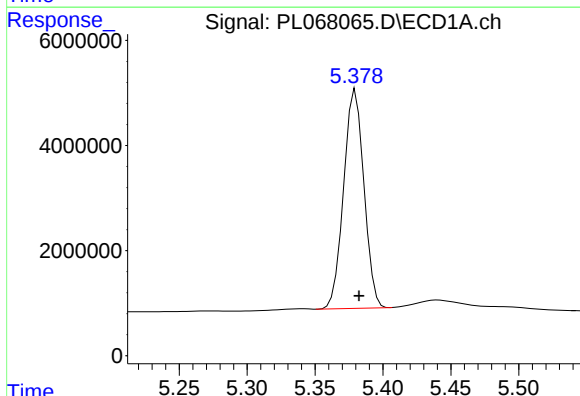
R.T.: 4.673 min  
Delta R.T.: -0.002 min  
Response: 9675059  
Conc: 17.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



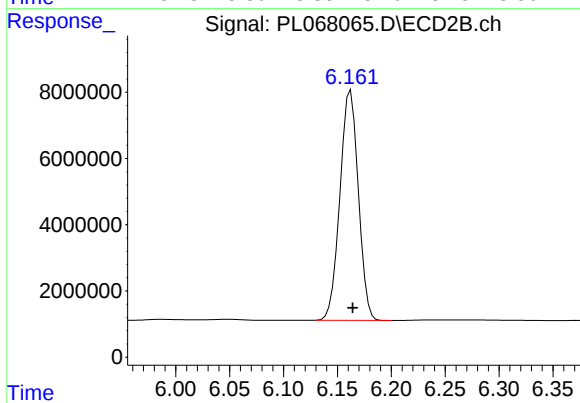
#1 Tetrachloro-m-xylene

R.T.: 5.582 min  
Delta R.T.: -0.002 min  
Response: 18534110  
Conc: 18.12 ng/ml



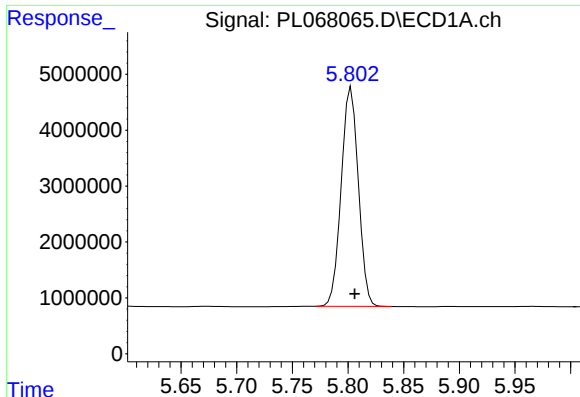
#2 alpha-BHC

R.T.: 5.380 min  
Delta R.T.: -0.003 min  
Response: 43317085  
Conc: 59.37 ng/ml



#2 alpha-BHC

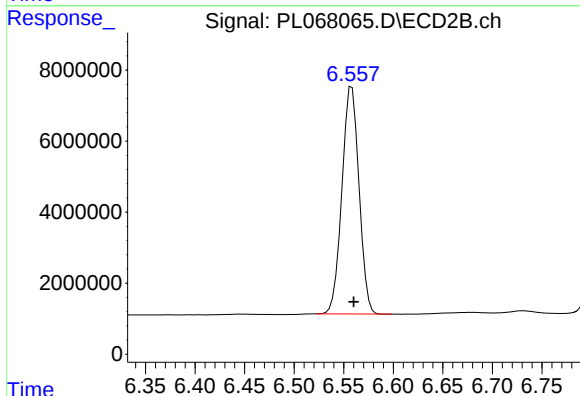
R.T.: 6.162 min  
Delta R.T.: -0.002 min  
Response: 82589284  
Conc: 62.40 ng/ml



#3 gamma-BHC (Lindane)

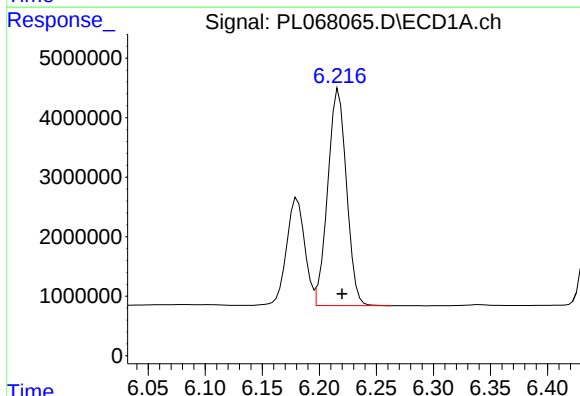
R.T.: 5.803 min  
Delta R.T.: -0.003 min  
Response: 41990604  
Conc: 58.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



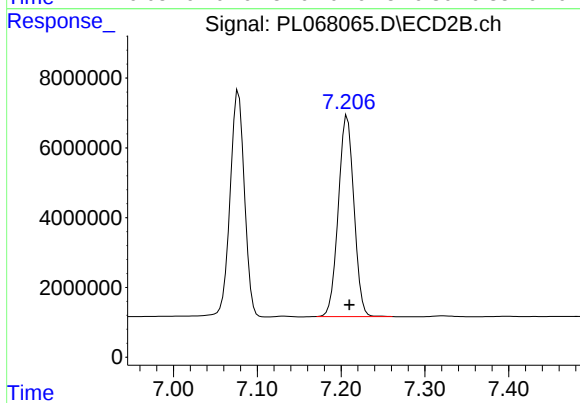
#3 gamma-BHC (Lindane)

R.T.: 6.558 min  
Delta R.T.: -0.002 min  
Response: 76686914  
Conc: 61.55 ng/ml



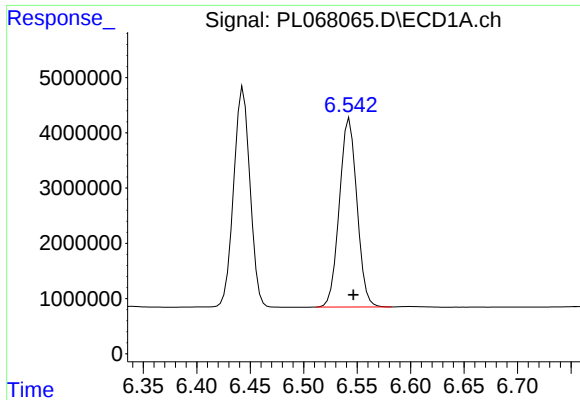
#4 Heptachlor

R.T.: 6.217 min  
Delta R.T.: -0.003 min  
Response: 41581801  
Conc: 56.80 ng/ml



#4 Heptachlor

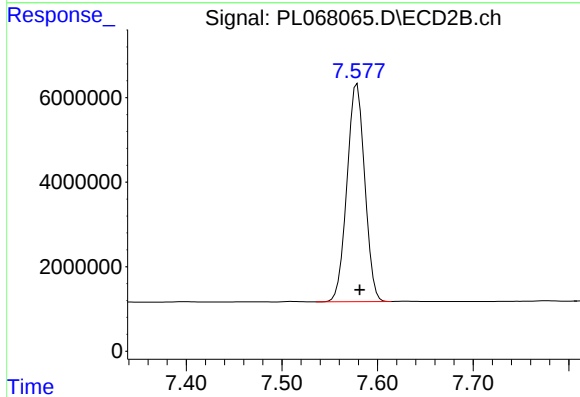
R.T.: 7.207 min  
Delta R.T.: -0.003 min  
Response: 74546575  
Conc: 60.92 ng/ml



#5 Aldrin

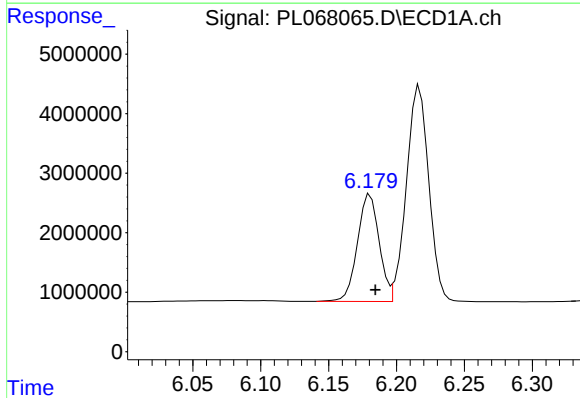
R.T.: 6.543 min  
Delta R.T.: -0.004 min  
Response: 39161879  
Conc: 57.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



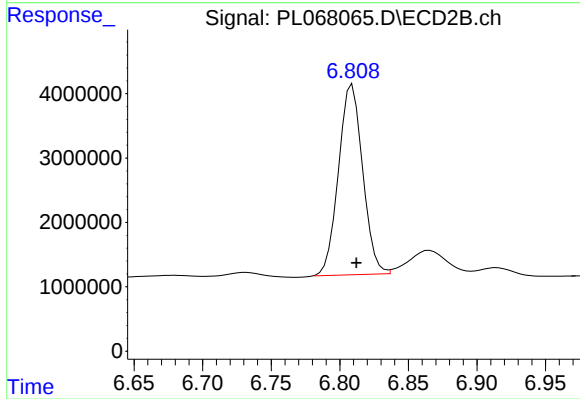
#5 Aldrin

R.T.: 7.579 min  
Delta R.T.: -0.003 min  
Response: 66819547  
Conc: 60.37 ng/ml



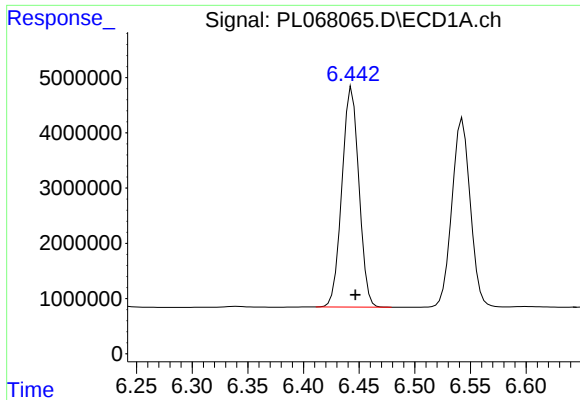
#6 beta-BHC

R.T.: 6.181 min  
Delta R.T.: -0.004 min  
Response: 20038828  
Conc: 55.79 ng/ml



#6 beta-BHC

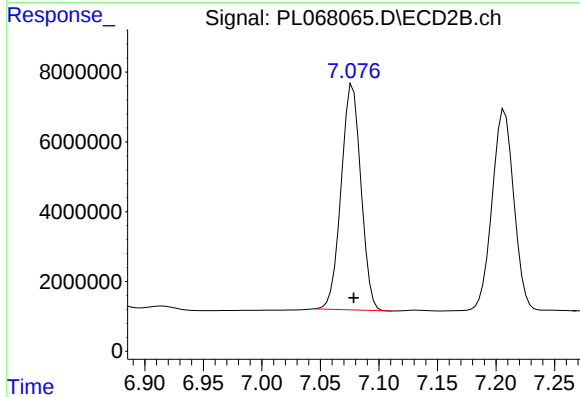
R.T.: 6.809 min  
Delta R.T.: -0.003 min  
Response: 36264246  
Conc: 54.60 ng/ml



#7 delta-BHC

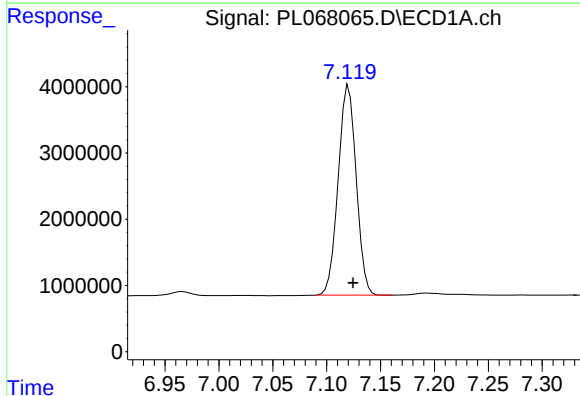
R.T.: 6.444 min  
Delta R.T.: -0.003 min  
Response: 42235365  
Conc: 60.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



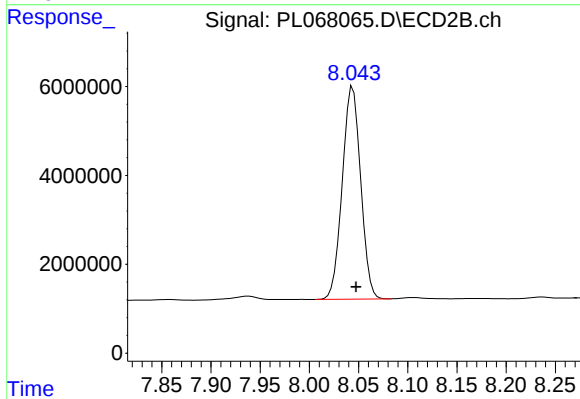
#7 delta-BHC

R.T.: 7.078 min  
Delta R.T.: 0.000 min  
Response: 75895238  
Conc: 63.82 ng/ml



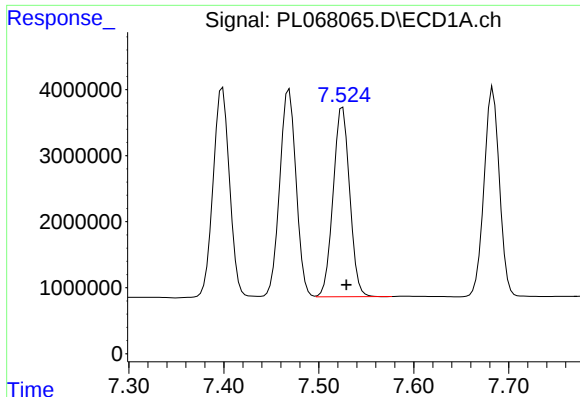
#8 Heptachlor epoxide

R.T.: 7.120 min  
Delta R.T.: -0.004 min  
Response: 36892293  
Conc: 57.15 ng/ml



#8 Heptachlor epoxide

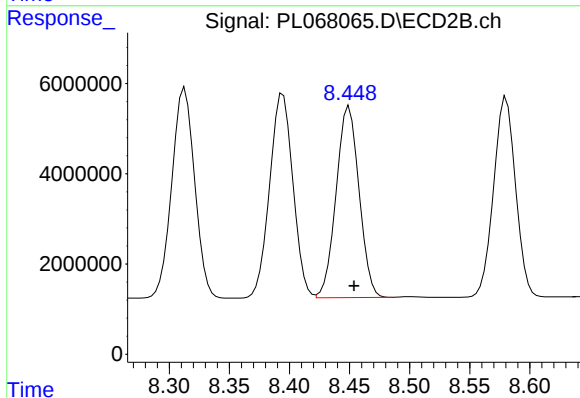
R.T.: 8.044 min  
Delta R.T.: -0.003 min  
Response: 62287352  
Conc: 60.43 ng/ml



#9 Endosulfan I

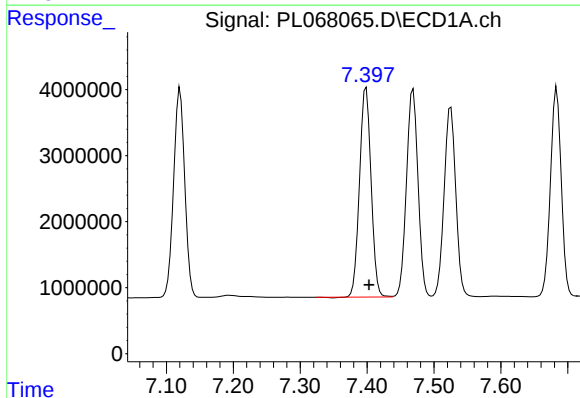
R.T.: 7.525 min  
Delta R.T.: -0.004 min  
Response: 34728491  
Conc: 57.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



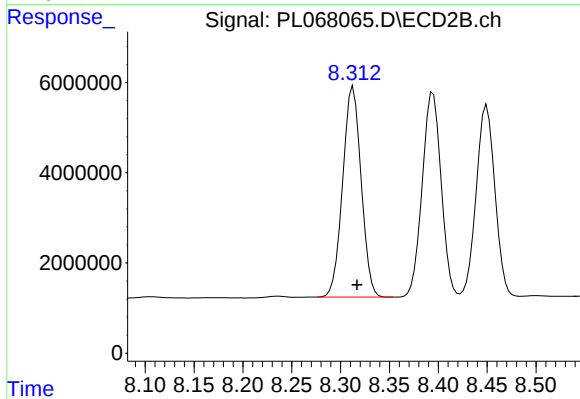
#9 Endosulfan I

R.T.: 8.450 min  
Delta R.T.: -0.004 min  
Response: 56360391  
Conc: 60.44 ng/ml



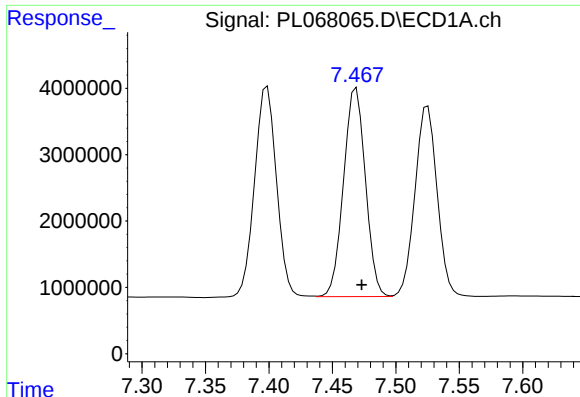
#10 gamma-Chlordane

R.T.: 7.399 min  
Delta R.T.: -0.004 min  
Response: 37934201  
Conc: 57.59 ng/ml



#10 gamma-Chlordane

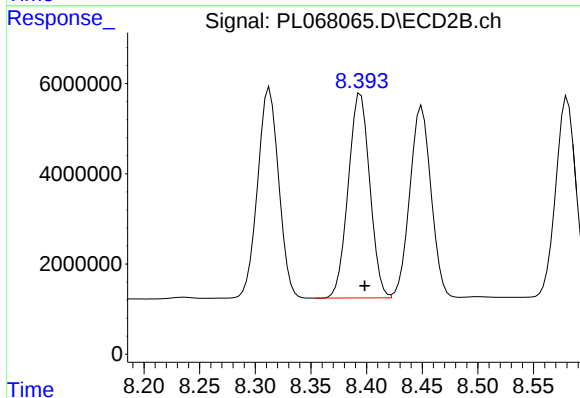
R.T.: 8.313 min  
Delta R.T.: -0.004 min  
Response: 61431277  
Conc: 59.96 ng/ml



#11 alpha-Chlordane

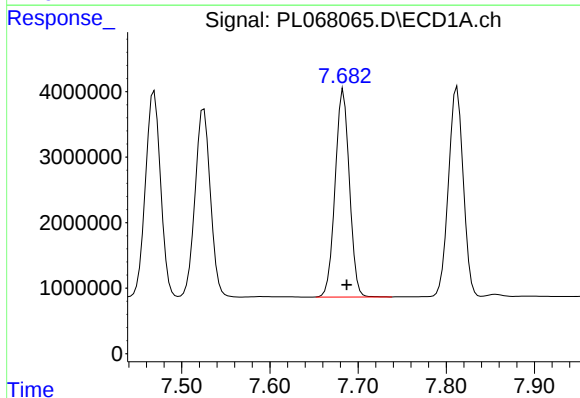
R.T.: 7.469 min  
Delta R.T.: -0.004 min  
Response: 37655250  
Conc: 56.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



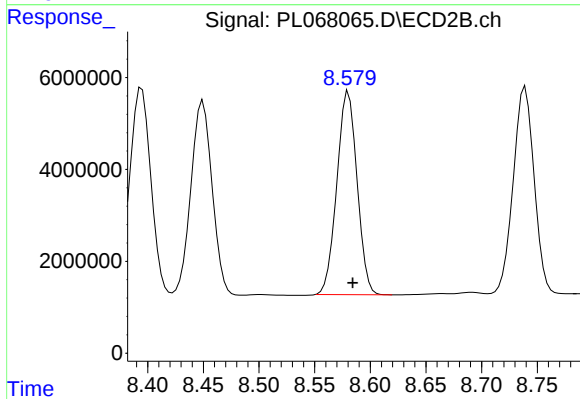
#11 alpha-Chlordane

R.T.: 8.395 min  
Delta R.T.: -0.004 min  
Response: 61087991  
Conc: 60.11 ng/ml



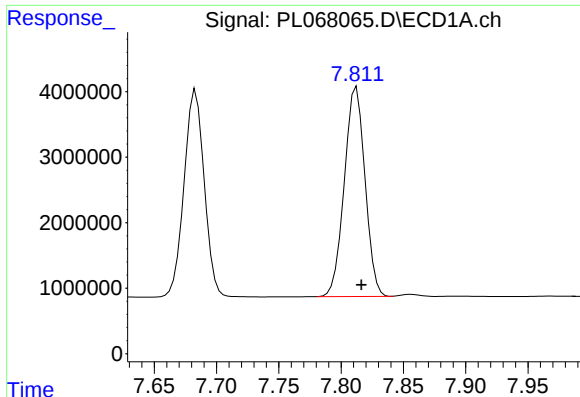
#12 4,4'-DDE

R.T.: 7.683 min  
Delta R.T.: -0.004 min  
Response: 35622102  
Conc: 59.39 ng/ml



#12 4,4'-DDE

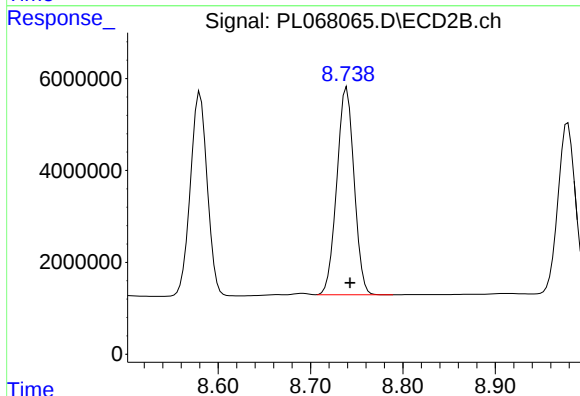
R.T.: 8.580 min  
Delta R.T.: -0.004 min  
Response: 56007608  
Conc: 60.95 ng/ml



#13 Dieldrin

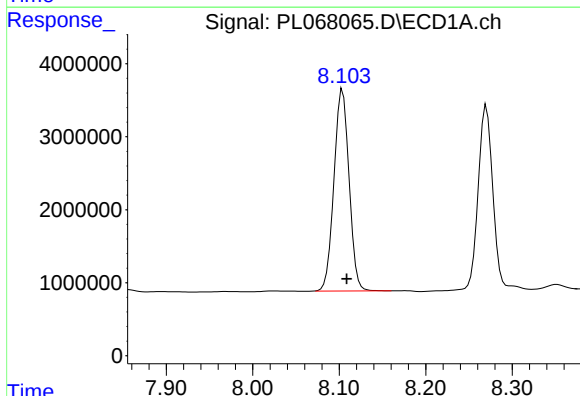
R.T.: 7.812 min  
Delta R.T.: -0.004 min  
Response: 37128362  
Conc: 58.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



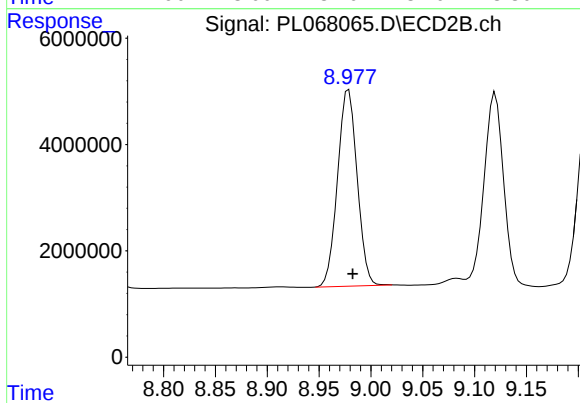
#13 Dieldrin

R.T.: 8.739 min  
Delta R.T.: -0.004 min  
Response: 58771040  
Conc: 61.65 ng/ml



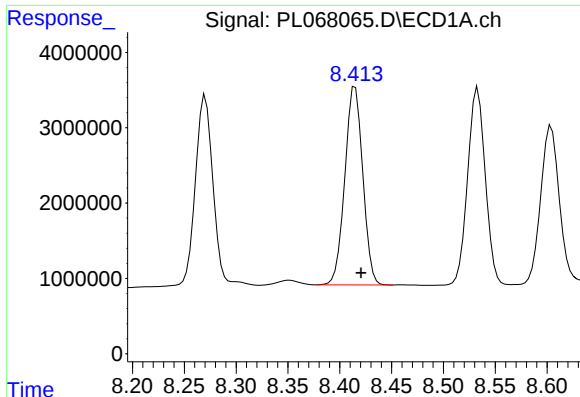
#14 Endrin

R.T.: 8.104 min  
Delta R.T.: -0.005 min  
Response: 33435392  
Conc: 60.03 ng/ml



#14 Endrin

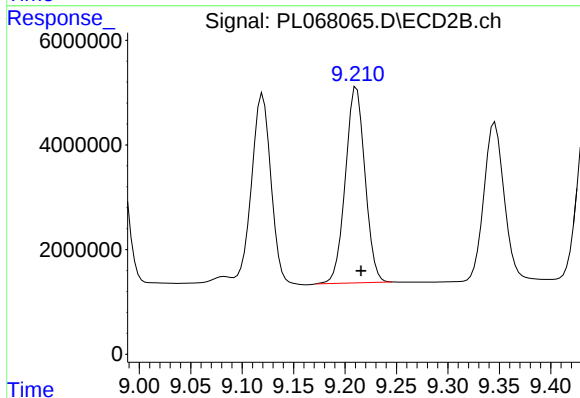
R.T.: 8.979 min  
Delta R.T.: -0.004 min  
Response: 48773427  
Conc: 61.93 ng/ml



#15 Endosulfan II

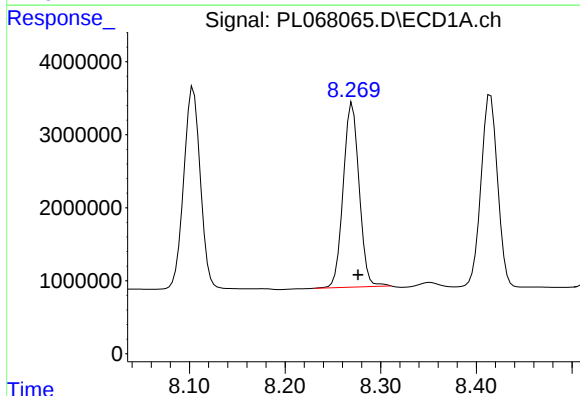
R.T.: 8.415 min  
Delta R.T.: -0.006 min  
Response: 31706188  
Conc: 60.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



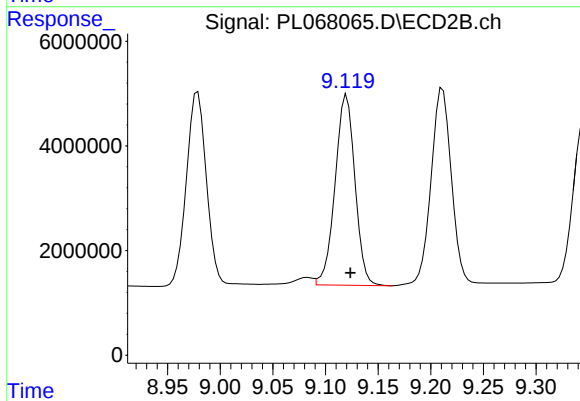
#15 Endosulfan II

R.T.: 9.211 min  
Delta R.T.: -0.004 min  
Response: 49674591  
Conc: 62.78 ng/ml



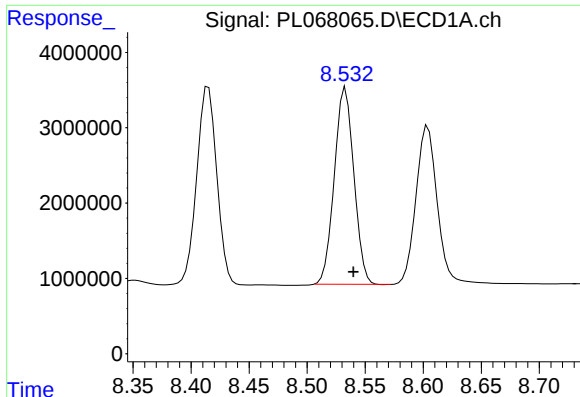
#16 4,4'-DDD

R.T.: 8.270 min  
Delta R.T.: -0.006 min  
Response: 29337152  
Conc: 58.11 ng/ml



#16 4,4'-DDD

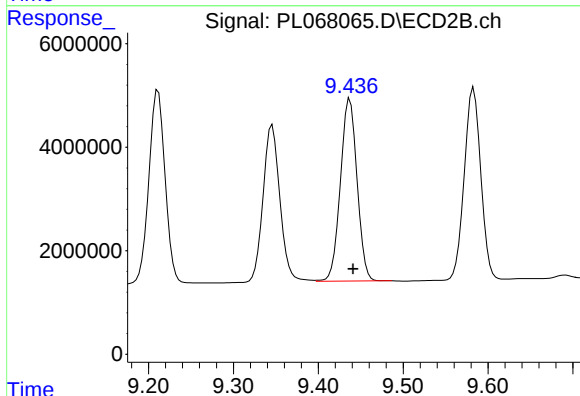
R.T.: 9.120 min  
Delta R.T.: -0.004 min  
Response: 47862596  
Conc: 61.49 ng/ml



#17 4,4'-DDT

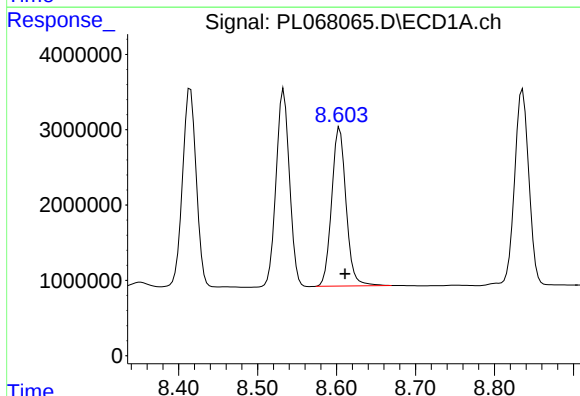
R.T.: 8.533 min  
Delta R.T.: -0.007 min  
Response: 30671039  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



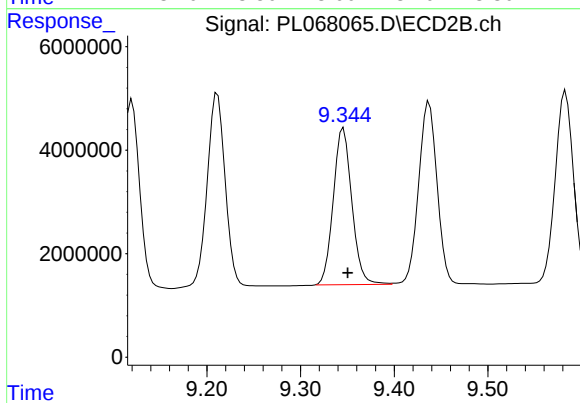
#17 4,4'-DDT

R.T.: 9.437 min  
Delta R.T.: -0.004 min  
Response: 47970999  
Conc: 57.73 ng/ml



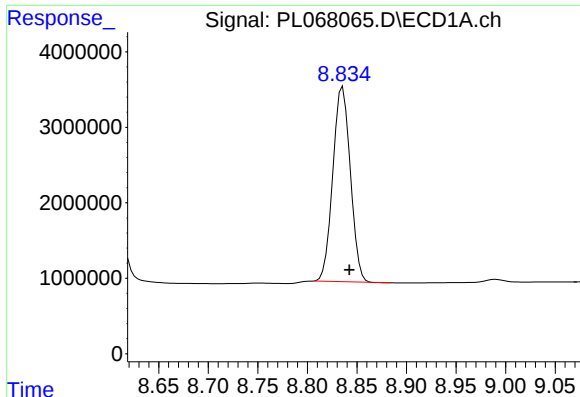
#18 Endrin aldehyde

R.T.: 8.604 min  
Delta R.T.: -0.007 min  
Response: 26738064  
Conc: 64.15 ng/ml



#18 Endrin aldehyde

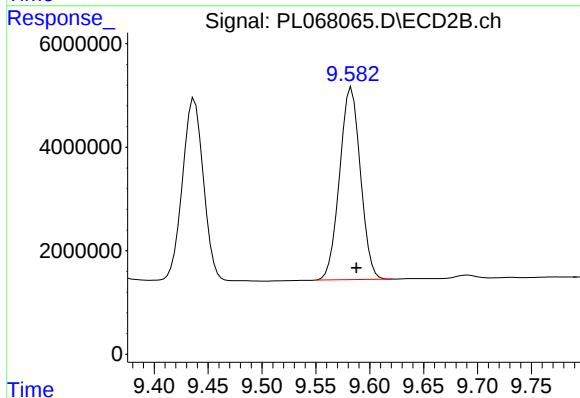
R.T.: 9.346 min  
Delta R.T.: -0.004 min  
Response: 41668524  
Conc: 65.29 ng/ml



#19 Endosulfan Sulfate

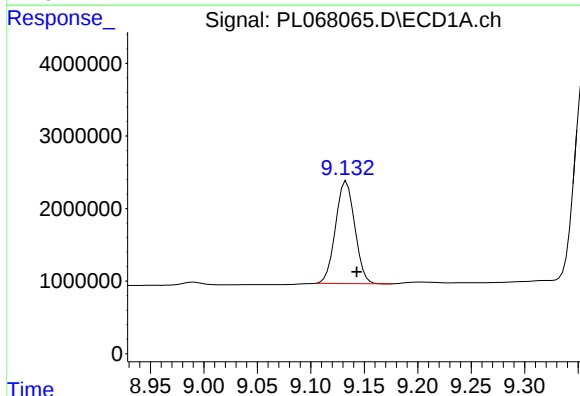
R.T.: 8.836 min  
Delta R.T.: -0.007 min  
Response: 31692462  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



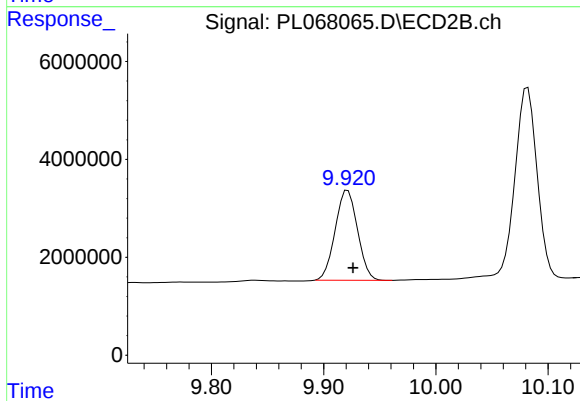
#19 Endosulfan Sulfate

R.T.: 9.583 min  
Delta R.T.: -0.005 min  
Response: 49980720  
Conc: 62.20 ng/ml



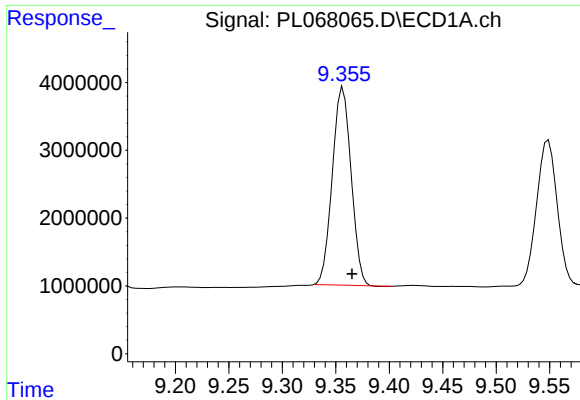
#20 Methoxychlor

R.T.: 9.133 min  
Delta R.T.: -0.010 min  
Response: 17612108  
Conc: 56.34 ng/ml



#20 Methoxychlor

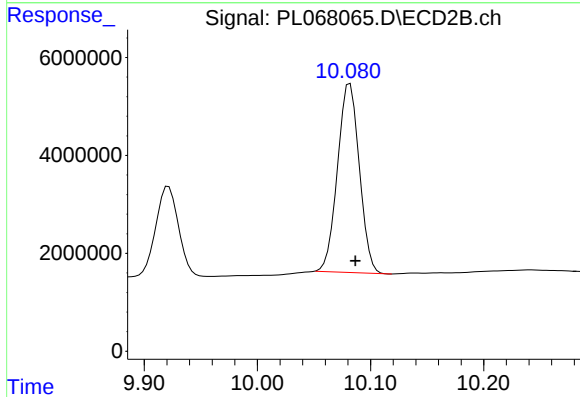
R.T.: 9.922 min  
Delta R.T.: -0.005 min  
Response: 25467761  
Conc: 58.23 ng/ml



#21 Endrin ketone

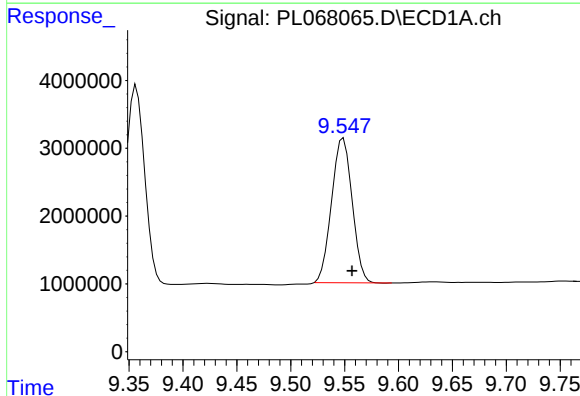
R.T.: 9.357 min  
Delta R.T.: -0.008 min  
Response: 35668653  
Conc: 58.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



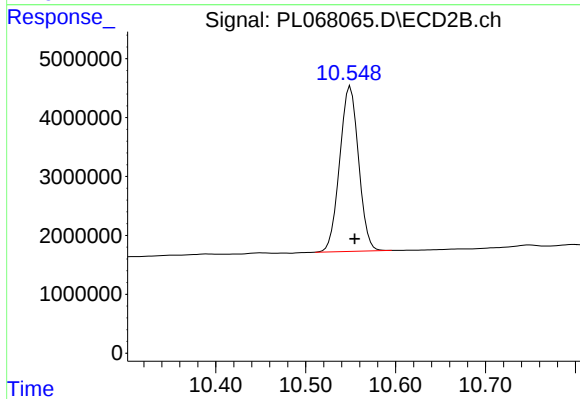
#21 Endrin ketone

R.T.: 10.082 min  
Delta R.T.: -0.005 min  
Response: 51710817  
Conc: 59.60 ng/ml



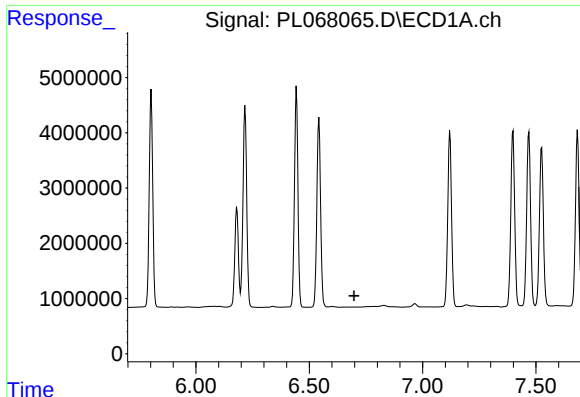
#22 Mirex

R.T.: 9.549 min  
Delta R.T.: -0.008 min  
Response: 28300738  
Conc: 56.84 ng/ml



#22 Mirex

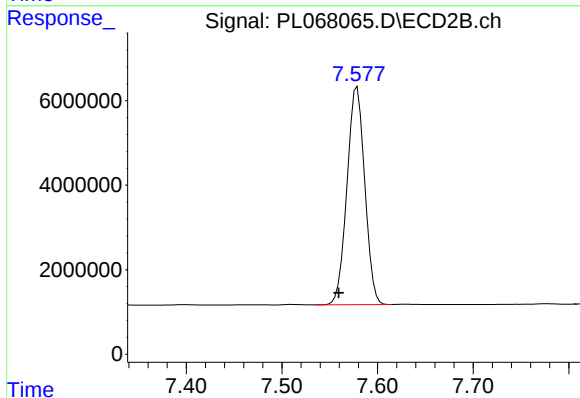
R.T.: 10.550 min  
Delta R.T.: -0.005 min  
Response: 40927198  
Conc: 60.70 ng/ml



#24 Chlordane-2

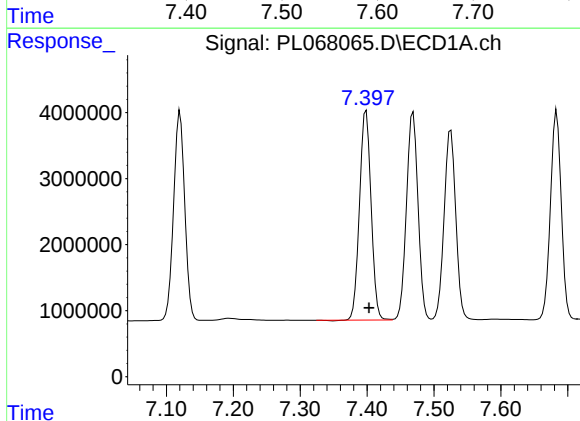
R.T.: 0.000 min  
Exp R.T.: 6.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



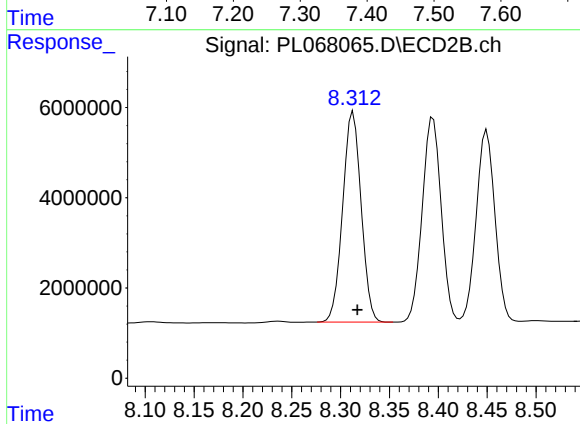
#24 Chlordane-2

R.T.: 7.579 min  
Delta R.T.: 0.019 min  
Response: 66819547  
Conc: 1686.10 ng/ml



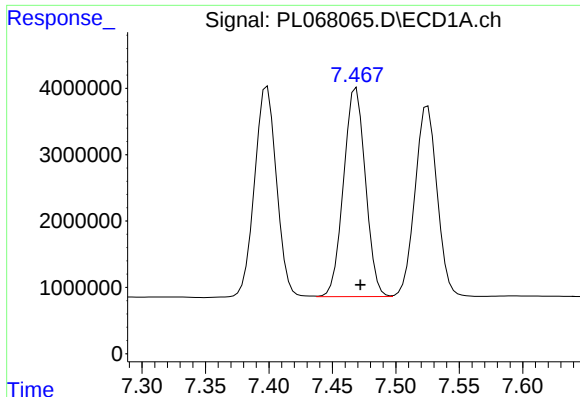
#25 Chlordane-3

R.T.: 7.399 min  
Delta R.T.: -0.004 min  
Response: 37934201  
Conc: 591.29 ng/ml



#25 Chlordane-3

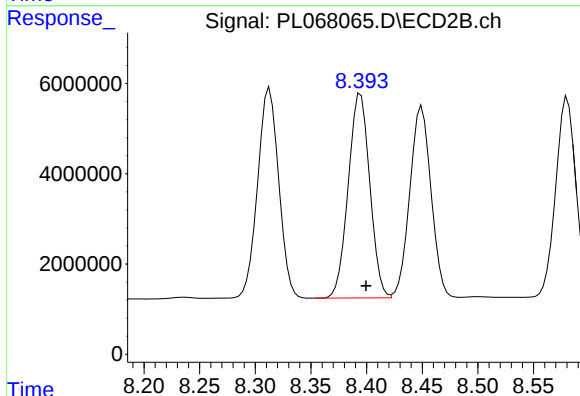
R.T.: 8.313 min  
Delta R.T.: -0.005 min  
Response: 61431277  
Conc: 437.57 ng/ml



#26 Chlordane-4

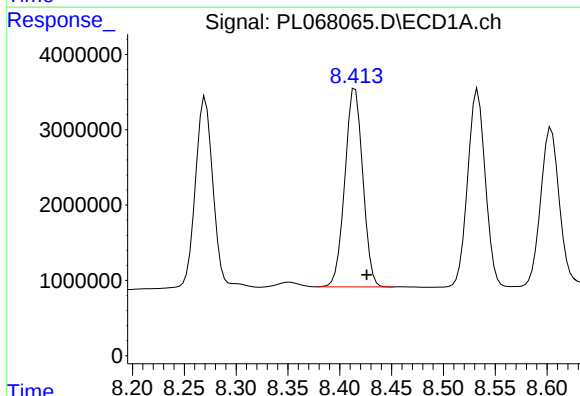
R.T.: 7.469 min  
Delta R.T.: -0.003 min  
Response: 37655250  
Conc: 559.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



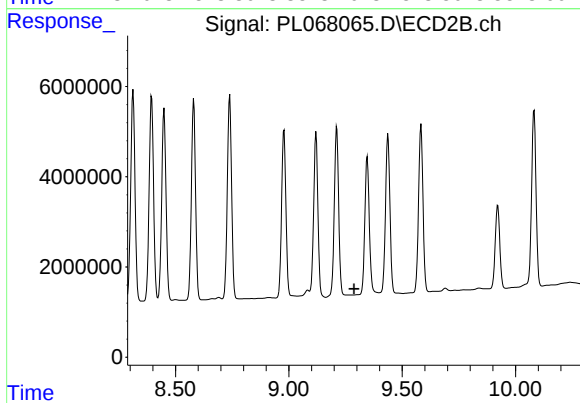
#26 Chlordane-4

R.T.: 8.395 min  
Delta R.T.: -0.005 min  
Response: 61087991  
Conc: 362.10 ng/ml



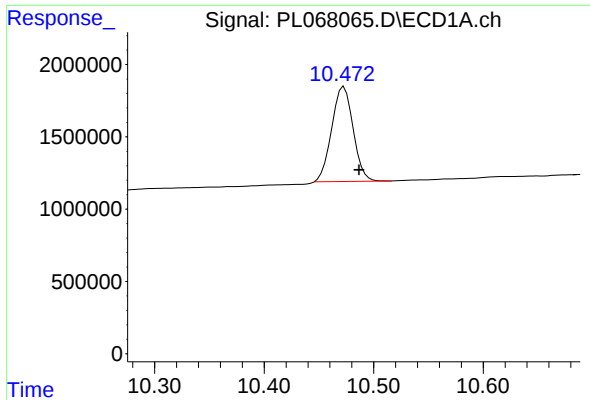
#27 Chlordane-5

R.T.: 8.415 min  
Delta R.T.: -0.011 min  
Response: 31706188  
Conc: 1400.88 ng/ml



#27 Chlordane-5

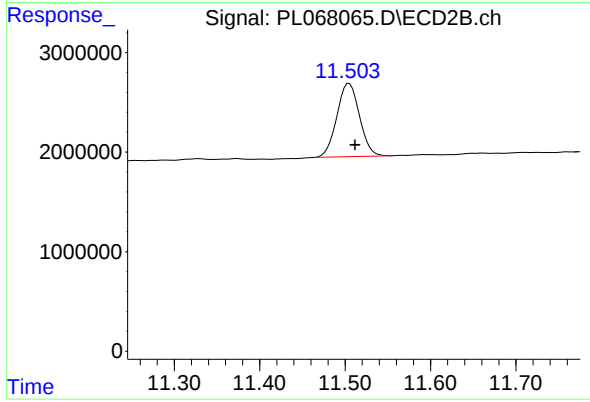
R.T.: 0.000 min  
Exp R.T.: 9.288 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.473 min  
Delta R.T.: -0.014 min  
Response: 8924574  
Conc: 16.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.505 min  
Delta R.T.: -0.007 min  
Response: 13533847  
Conc: 17.37 ng/ml