

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081121\  
 Data File : PL068917.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Aug 2021 17:31  
 Operator : AR\AJ  
 Sample : PB138320BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138320BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 12 07:22:56 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... | 4.641  | 5.567  | 7545446  | 21773801 | 18.242   | 21.445     |
| 28)                         | SA Decachlor... | 10.410 | 11.492 | 10818787 | 19018034 | 18.825   | 19.601     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.347  | 6.148  | 27063105 | 84202474 | 48.925   | 61.831 #   |
| 3)                          | MA gamma-BHC... | 5.770  | 6.544  | 26957239 | 77161750 | 49.670   | 59.305     |
| 4)                          | MA Heptachlor   | 6.181  | 7.194  | 28966996 | 75076639 | 49.319   | 55.924     |
| 5)                          | MB Aldrin       | 6.506  | 7.565  | 26353082 | 66331106 | 49.280   | 54.958     |
| 6)                          | B beta-BHC      | 6.148  | 6.797  | 13923115 | 48951386 | 49.390   | 75.561 #   |
| 7)                          | B delta-BHC     | 6.411  | 7.065  | 27715206 | 75156308 | 51.654   | 59.656     |
| 8)                          | B Heptachlor... | 7.082  | 8.031  | 26312223 | 61957884 | 49.369   | 53.594     |
| 9)                          | A Endosulfan I  | 7.485  | 8.436  | 25247359 | 57163514 | 49.730   | 54.205     |
| 10)                         | B gamma-Chl...  | 7.359  | 8.300  | 27263676 | 61805852 | 49.748   | 53.967     |
| 11)                         | B alpha-Chl...  | 7.429  | 8.382  | 27117265 | 61349780 | 49.272   | 53.420     |
| 12)                         | B 4,4'-DDE      | 7.643  | 8.568  | 24516594 | 57797476 | 50.756   | 54.682     |
| 13)                         | MA Dieldrin     | 7.771  | 8.726  | 26458574 | 58637766 | 51.147   | 54.112     |
| 14)                         | MA Endrin       | 8.062  | 8.965  | 24922846 | 49442817 | 51.715   | 54.471     |
| 15)                         | B Endosulfa...  | 8.372  | 9.199  | 24172636 | 49713755 | 50.391   | 54.203     |
| 16)                         | A 4,4'-DDD      | 8.227  | 9.108  | 21546713 | 45815508 | 50.202   | 53.617     |
| 17)                         | MA 4,4'-DDT     | 8.489  | 9.426  | 24211280 | 47685357 | 49.852   | 50.387     |
| 18)                         | B Endrin al...  | 8.560  | 9.333  | 22077619 | 43214410 | 58.875   | 61.667     |
| 19)                         | B Endosulfa...  | 8.791  | 9.571  | 26674142 | 48655640 | 51.849   | 53.380     |
| 20)                         | A Methoxychlor  | 9.084  | 9.911  | 15417810 | 26236899 | 49.252   | 50.417     |
| 21)                         | B Endrin ke...  | 9.310  | 10.070 | 29945903 | 52372290 | 51.186   | 51.432     |
| 22)                         | Mirex           | 9.498  | 10.537 | 24587672 | 38119198 | 49.072   | 48.197     |
| 23)                         | Chlordane-1     | 0.000  | 6.949  | 0        | 1186945  | N.D.     | 28.147 #   |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 66331106 | N.D.     | 1530.885 # |
| 25)                         | Chlordane-3     | 7.359  | 8.300  | 27263676 | 61805852 | 519.776  | 378.351 #  |
| 26)                         | Chlordane-4     | 7.429  | 8.382  | 27117265 | 61349780 | 487.209  | 309.343 #  |
| 27)                         | Chlordane-5     | 8.372  | 0.000  | 24172636 | 0        | 1172.216 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

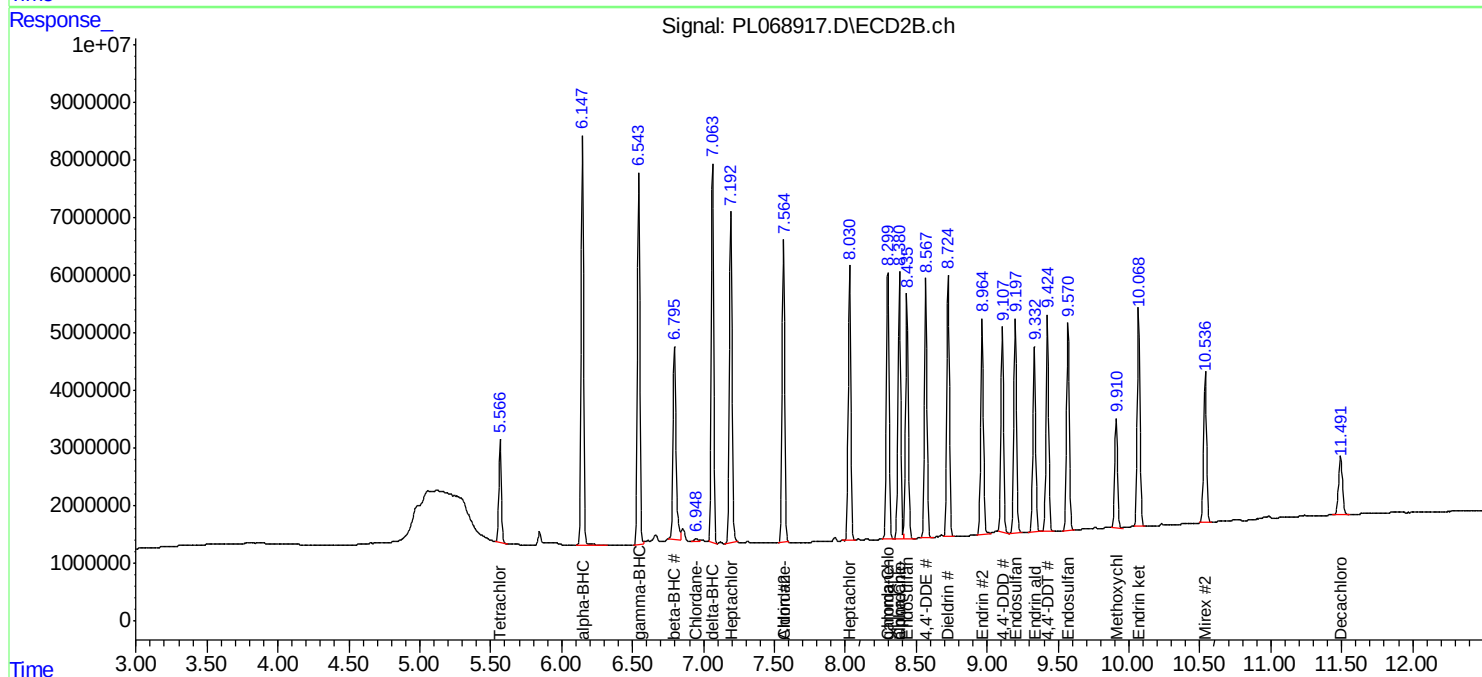
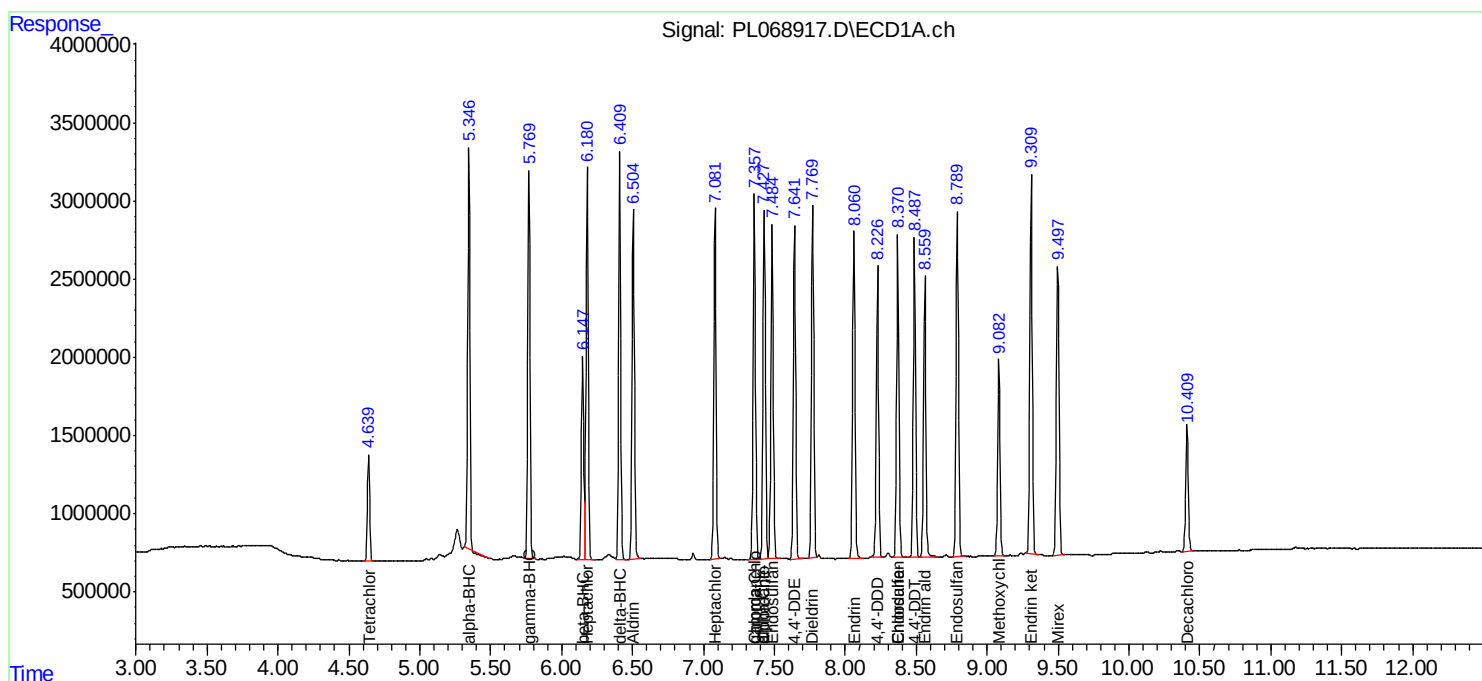
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

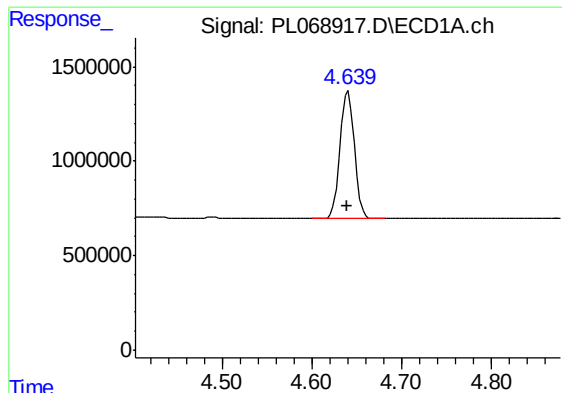
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081121\  
Data File : PL068917.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Aug 2021 17:31  
Operator : AR\AJ  
Sample : PB138320BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 12 07:22:56 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

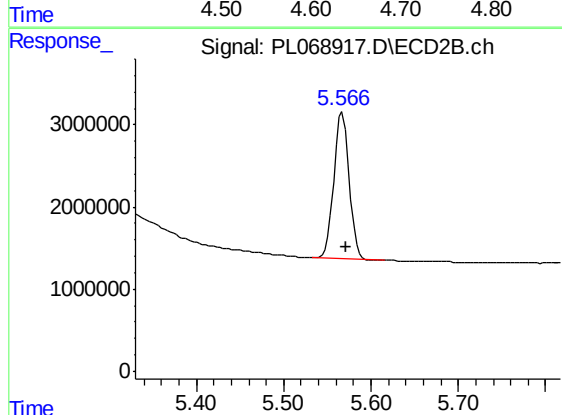




#1 Tetrachloro-m-xylene

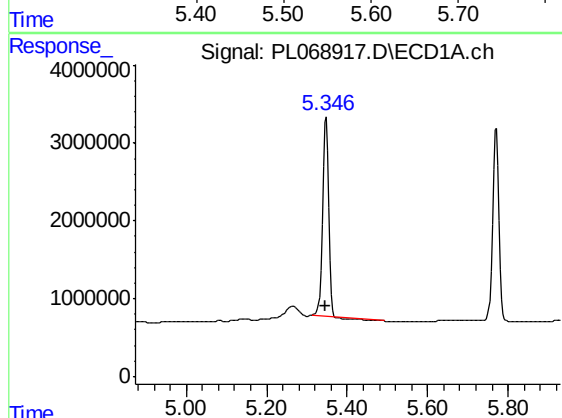
R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 7545446  
Conc: 18.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



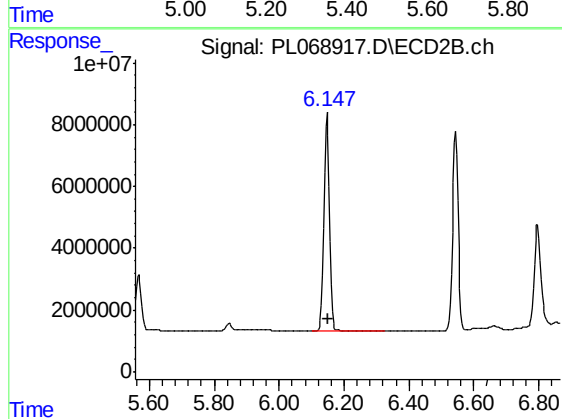
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: -0.004 min  
Response: 21773801  
Conc: 21.44 ng/ml



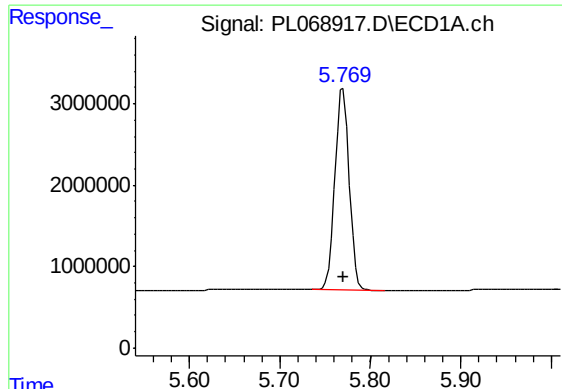
#2 alpha-BHC

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 27063105  
Conc: 48.93 ng/ml



#2 alpha-BHC

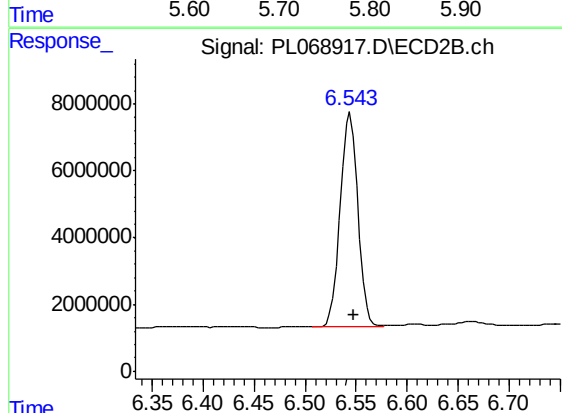
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 84202474  
Conc: 61.83 ng/ml



#3 gamma-BHC (Lindane)

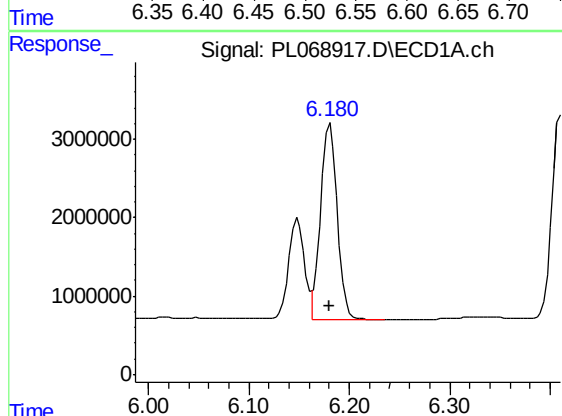
R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 26957239  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



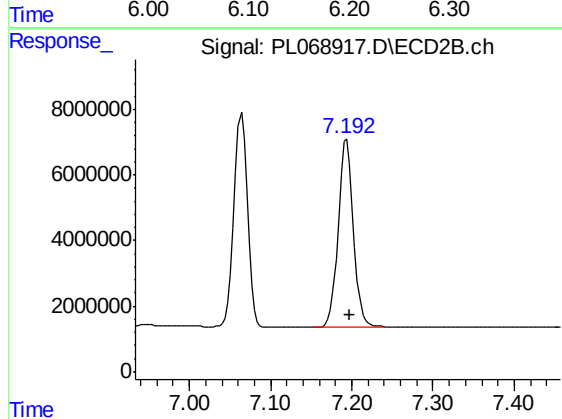
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.002 min  
Response: 77161750  
Conc: 59.31 ng/ml



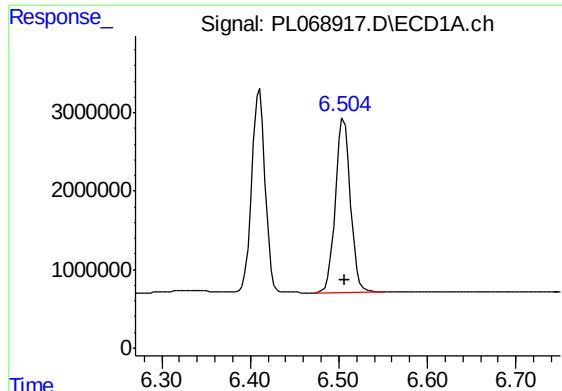
#4 Heptachlor

R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 28966996  
Conc: 49.32 ng/ml



#4 Heptachlor

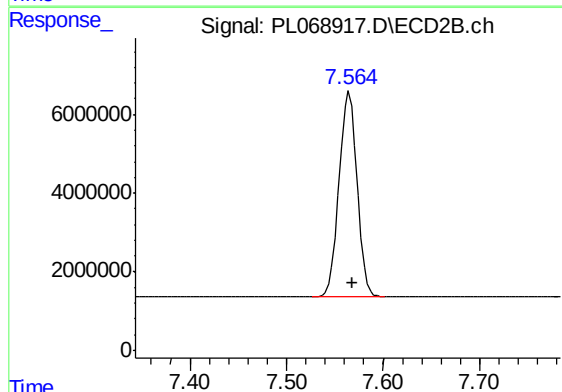
R.T.: 7.194 min  
Delta R.T.: -0.004 min  
Response: 75076639  
Conc: 55.92 ng/ml



#5 Aldrin

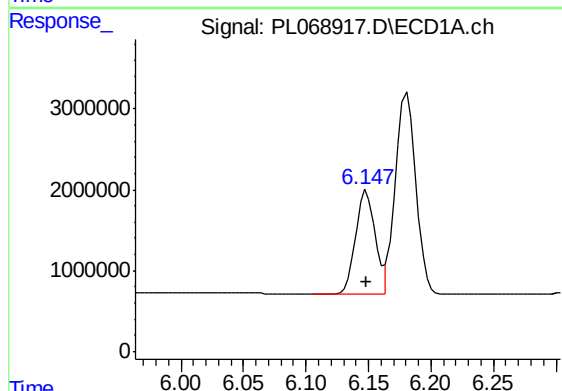
R.T.: 6.506 min  
Delta R.T.: -0.001 min  
Response: 26353082  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



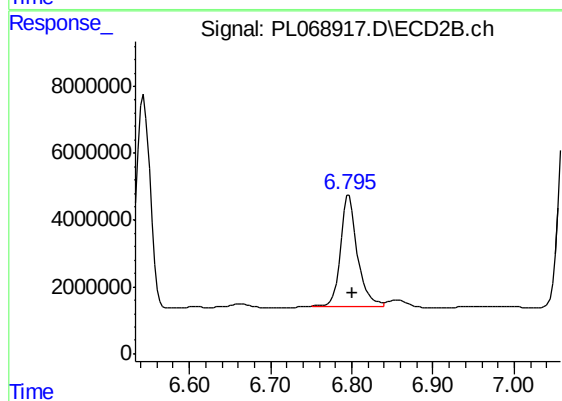
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: -0.003 min  
Response: 66331106  
Conc: 54.96 ng/ml



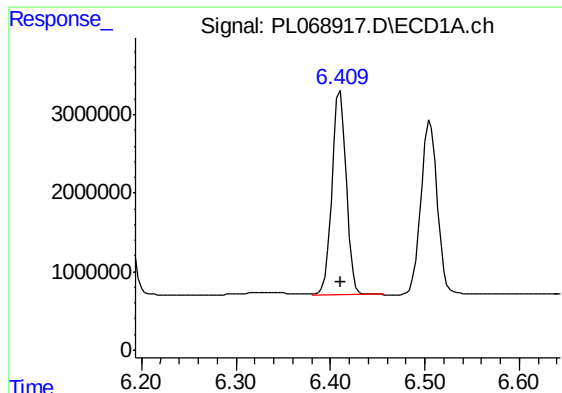
#6 beta-BHC

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 13923115  
Conc: 49.39 ng/ml



#6 beta-BHC

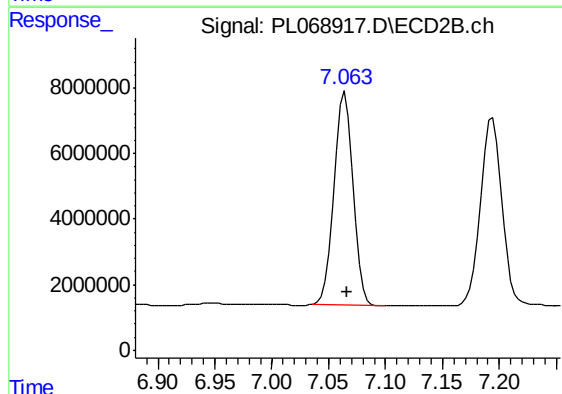
R.T.: 6.797 min  
Delta R.T.: -0.004 min  
Response: 48951386  
Conc: 75.56 ng/ml



#7 delta-BHC

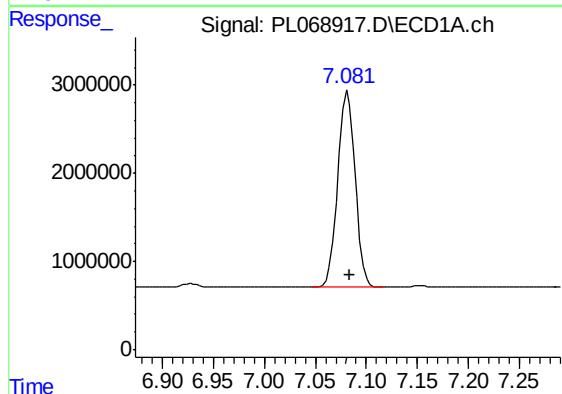
R.T.: 6.411 min  
Delta R.T.: 0.000 min  
Response: 27715206  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



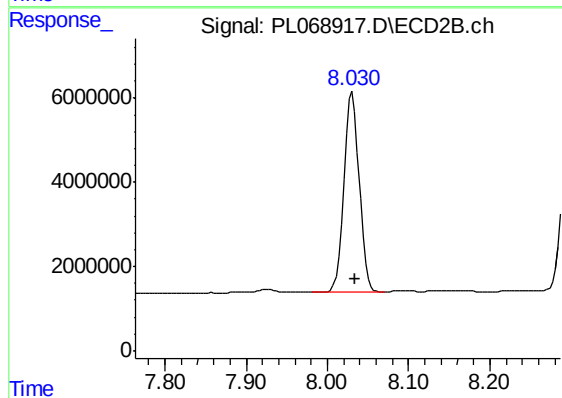
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 75156308  
Conc: 59.66 ng/ml



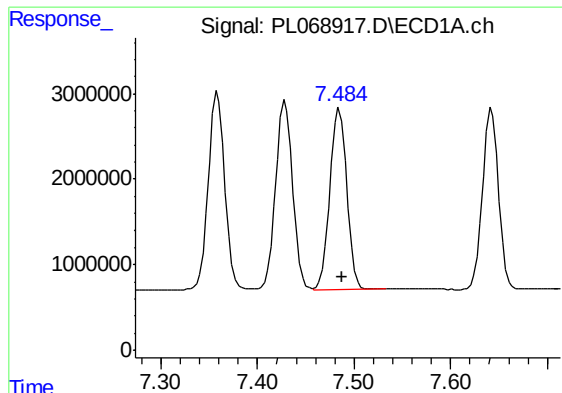
#8 Heptachlor epoxide

R.T.: 7.082 min  
Delta R.T.: -0.002 min  
Response: 26312223  
Conc: 49.37 ng/ml



#8 Heptachlor epoxide

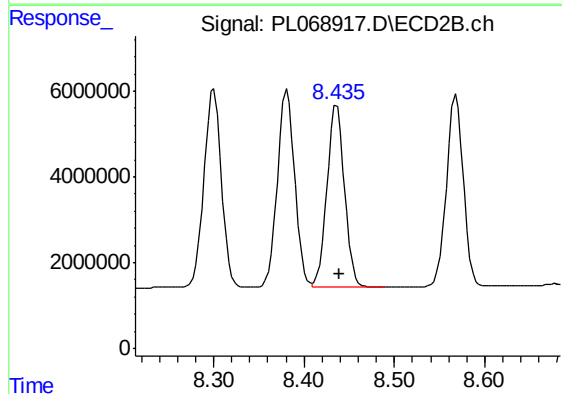
R.T.: 8.031 min  
Delta R.T.: -0.003 min  
Response: 61957884  
Conc: 53.59 ng/ml



#9 Endosulfan I

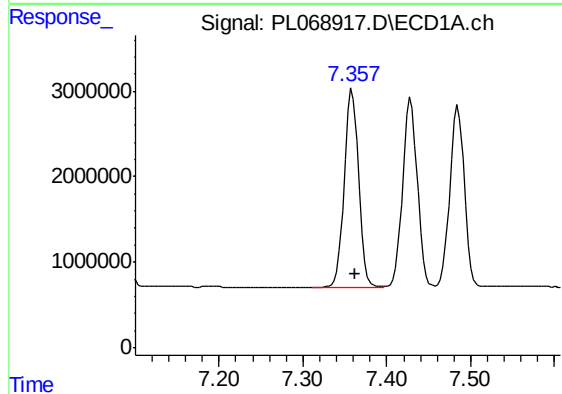
R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 25247359  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



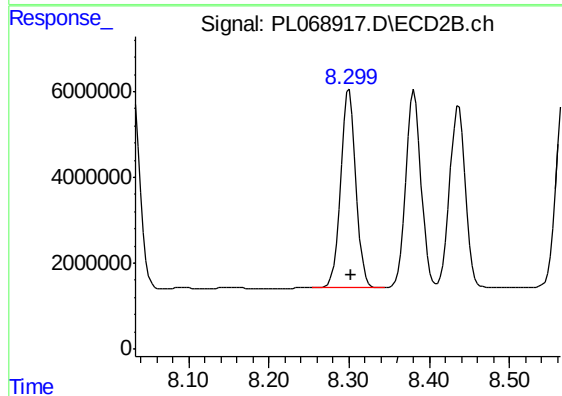
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.003 min  
Response: 57163514  
Conc: 54.20 ng/ml



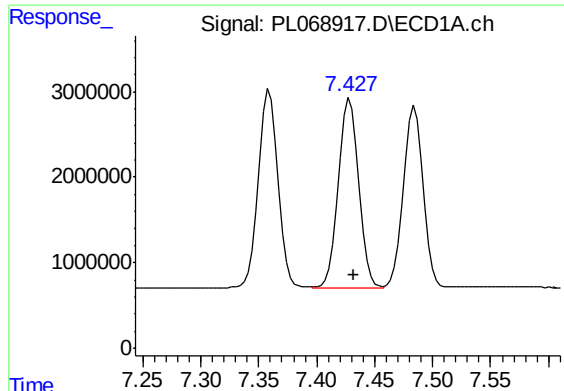
#10 gamma-Chlordane

R.T.: 7.359 min  
Delta R.T.: -0.002 min  
Response: 27263676  
Conc: 49.75 ng/ml



#10 gamma-Chlordane

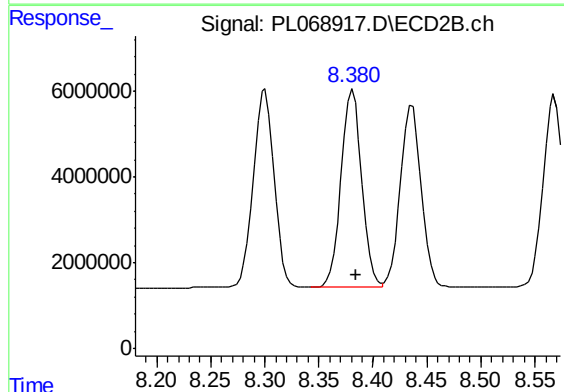
R.T.: 8.300 min  
Delta R.T.: -0.003 min  
Response: 61805852  
Conc: 53.97 ng/ml



#11 alpha-Chlordane

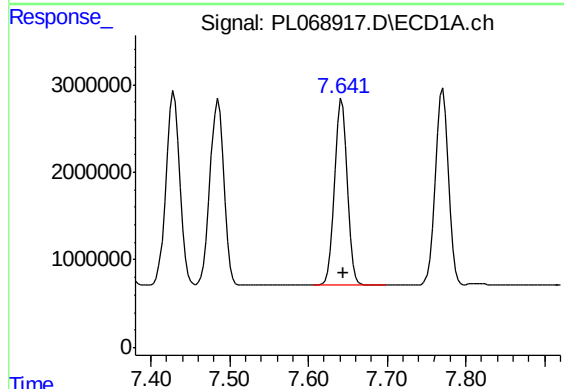
R.T.: 7.429 min  
Delta R.T.: -0.003 min  
Response: 27117265  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



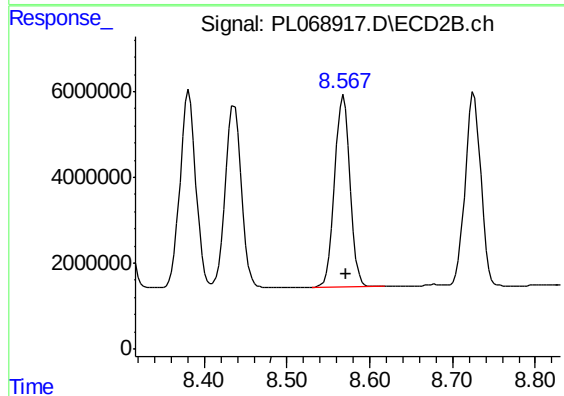
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: -0.003 min  
Response: 61349780  
Conc: 53.42 ng/ml



#12 4,4'-DDE

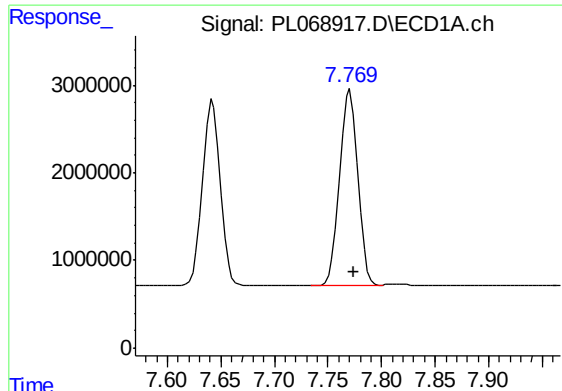
R.T.: 7.643 min  
Delta R.T.: -0.003 min  
Response: 24516594  
Conc: 50.76 ng/ml



#12 4,4'-DDE

R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 57797476  
Conc: 54.68 ng/ml

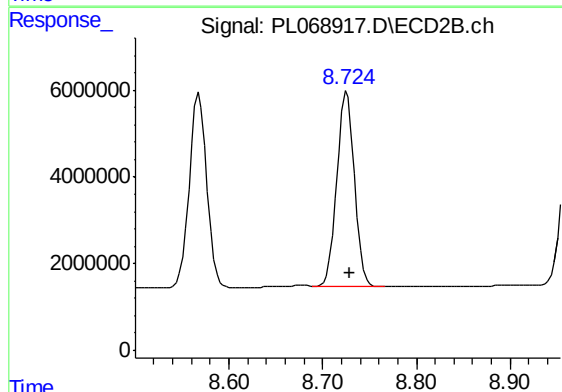




#13 Dieldrin

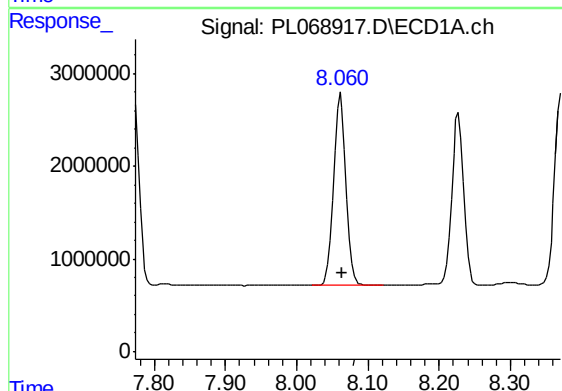
R.T.: 7.771 min  
Delta R.T.: -0.003 min  
Response: 26458574  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



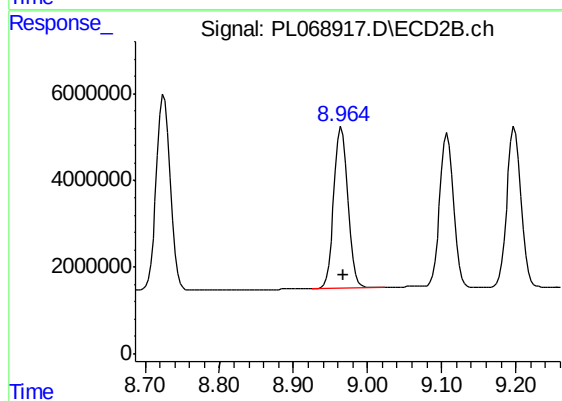
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.003 min  
Response: 58637766  
Conc: 54.11 ng/ml



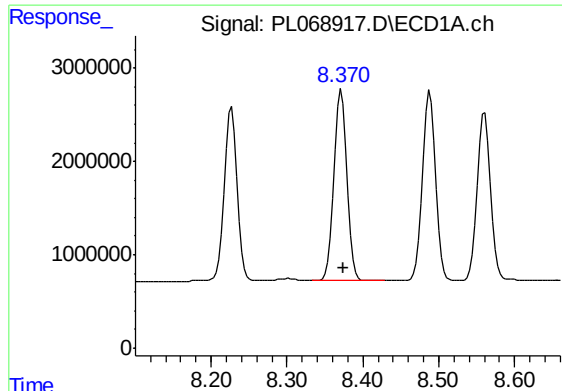
#14 Endrin

R.T.: 8.062 min  
Delta R.T.: -0.003 min  
Response: 24922846  
Conc: 51.72 ng/ml



#14 Endrin

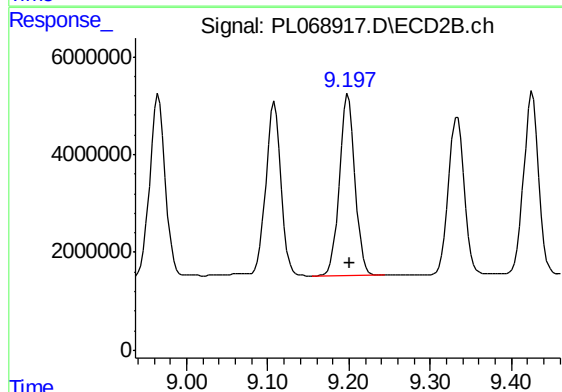
R.T.: 8.965 min  
Delta R.T.: -0.003 min  
Response: 49442817  
Conc: 54.47 ng/ml



#15 Endosulfan II

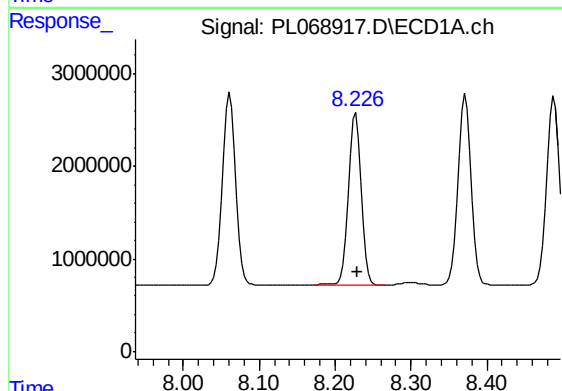
R.T.: 8.372 min  
Delta R.T.: -0.003 min  
Response: 24172636  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



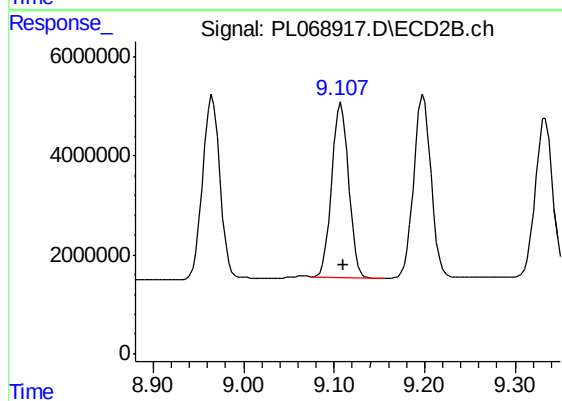
#15 Endosulfan II

R.T.: 9.199 min  
Delta R.T.: -0.003 min  
Response: 49713755  
Conc: 54.20 ng/ml



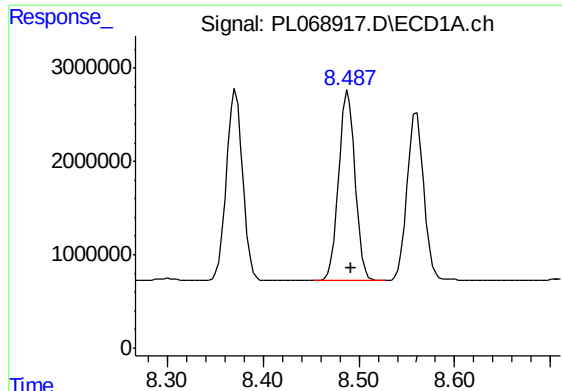
#16 4,4'-DDD

R.T.: 8.227 min  
Delta R.T.: -0.003 min  
Response: 21546713  
Conc: 50.20 ng/ml



#16 4,4'-DDD

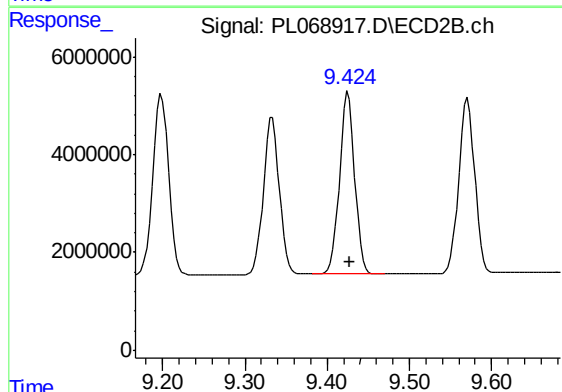
R.T.: 9.108 min  
Delta R.T.: -0.002 min  
Response: 45815508  
Conc: 53.62 ng/ml



#17 4,4'-DDT

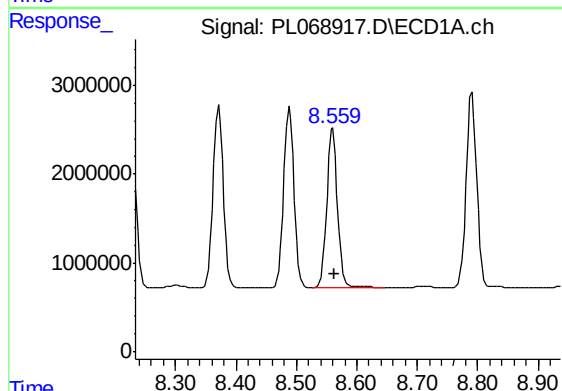
R.T.: 8.489 min  
Delta R.T.: -0.003 min  
Response: 24211280  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



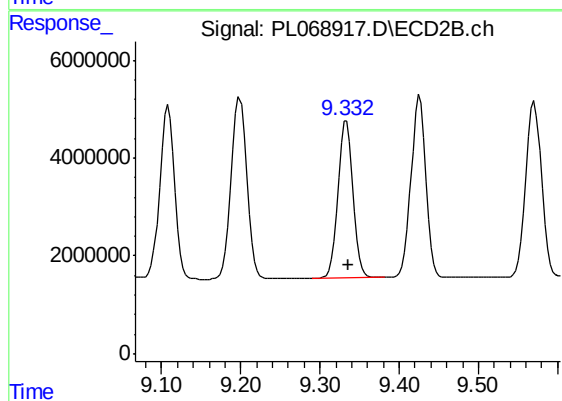
#17 4,4'-DDT

R.T.: 9.426 min  
Delta R.T.: -0.003 min  
Response: 47685357  
Conc: 50.39 ng/ml



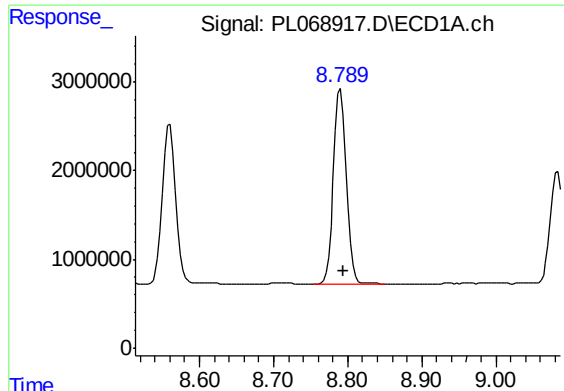
#18 Endrin aldehyde

R.T.: 8.560 min  
Delta R.T.: -0.004 min  
Response: 22077619  
Conc: 58.88 ng/ml



#18 Endrin aldehyde

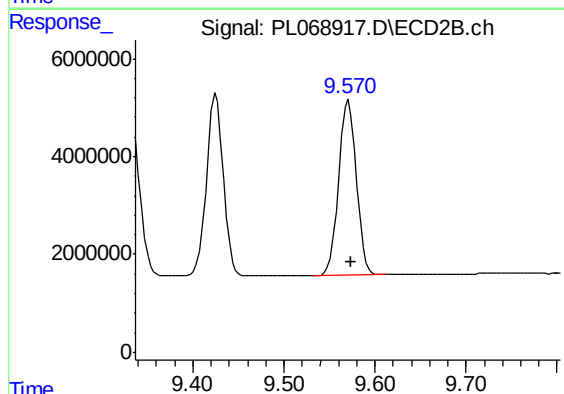
R.T.: 9.333 min  
Delta R.T.: -0.003 min  
Response: 43214410  
Conc: 61.67 ng/ml



#19 Endosulfan Sulfate

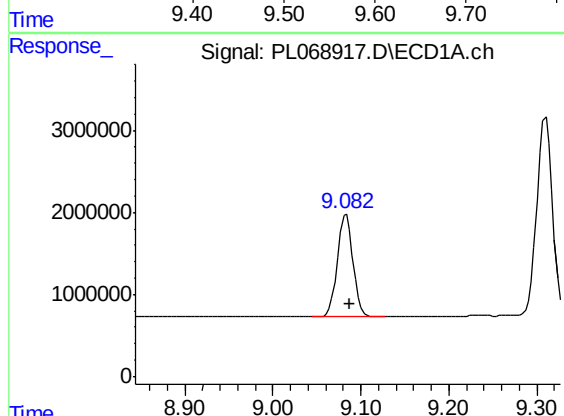
R.T.: 8.791 min  
Delta R.T.: -0.003 min  
Response: 26674142  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



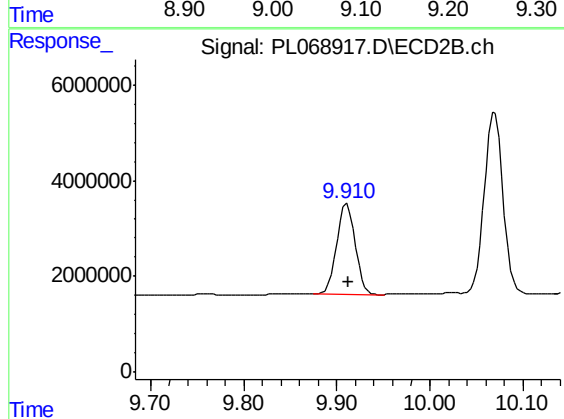
#19 Endosulfan Sulfate

R.T.: 9.571 min  
Delta R.T.: -0.002 min  
Response: 48655640  
Conc: 53.38 ng/ml



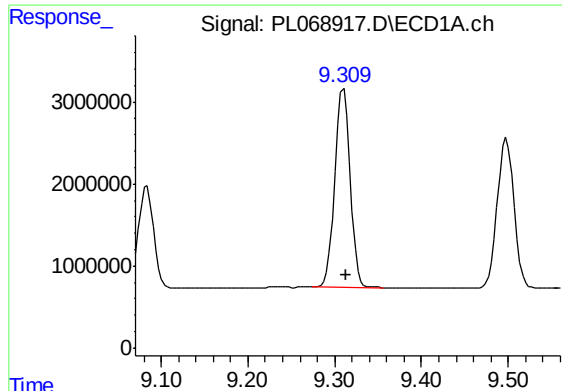
#20 Methoxychlor

R.T.: 9.084 min  
Delta R.T.: -0.003 min  
Response: 15417810  
Conc: 49.25 ng/ml



#20 Methoxychlor

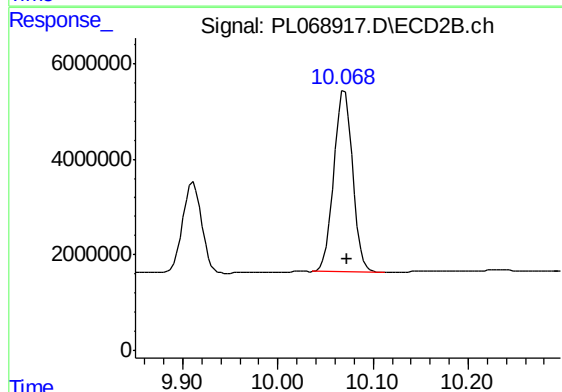
R.T.: 9.911 min  
Delta R.T.: -0.002 min  
Response: 26236899  
Conc: 50.42 ng/ml



#21 Endrin ketone

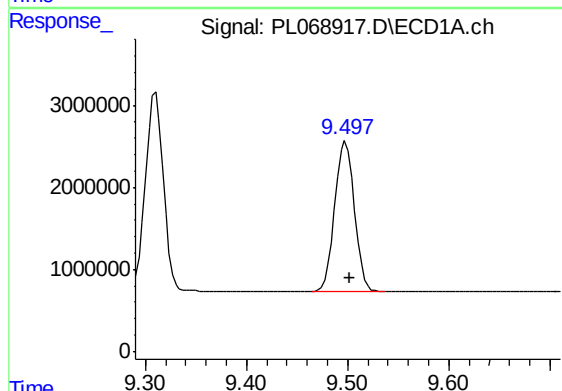
R.T.: 9.310 min  
Delta R.T.: -0.003 min  
Response: 29945903  
Conc: 51.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



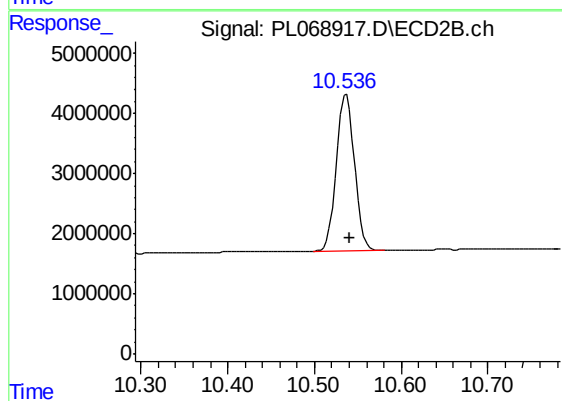
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: -0.003 min  
Response: 52372290  
Conc: 51.43 ng/ml



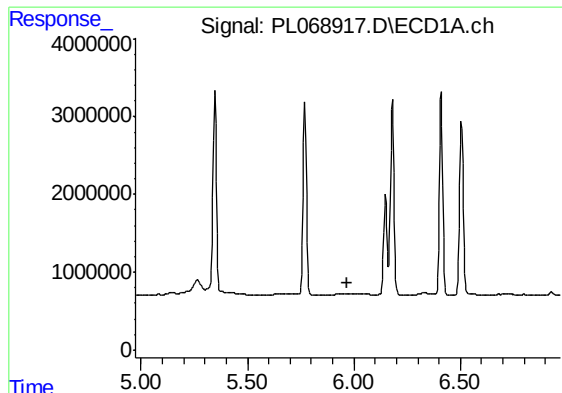
#22 Mirex

R.T.: 9.498 min  
Delta R.T.: -0.004 min  
Response: 24587672  
Conc: 49.07 ng/ml



#22 Mirex

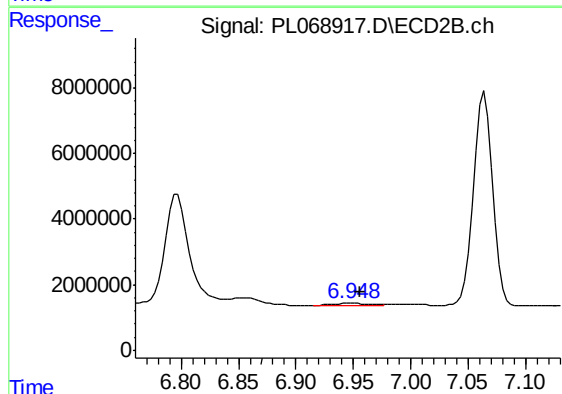
R.T.: 10.537 min  
Delta R.T.: -0.003 min  
Response: 38119198  
Conc: 48.20 ng/ml



#23 Chlordane-1

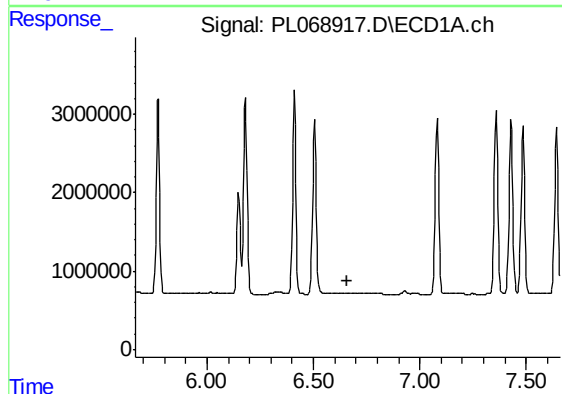
R.T.: 0.000 min  
Exp R.T.: 5.971 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



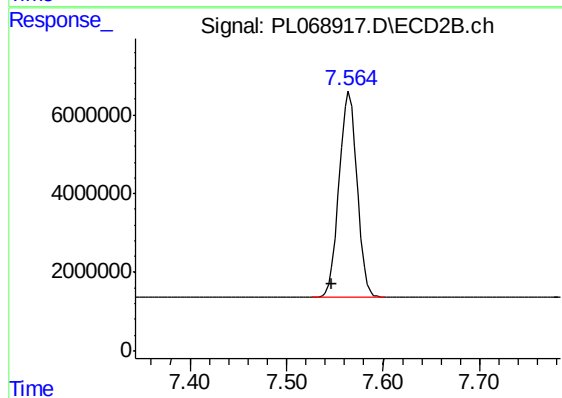
#23 Chlordane-1

R.T.: 6.949 min  
Delta R.T.: -0.007 min  
Response: 1186945  
Conc: 28.15 ng/ml



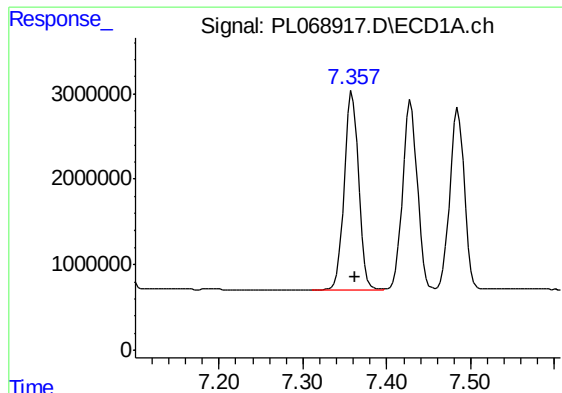
#24 Chlordane-2

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



#24 Chlordane-2

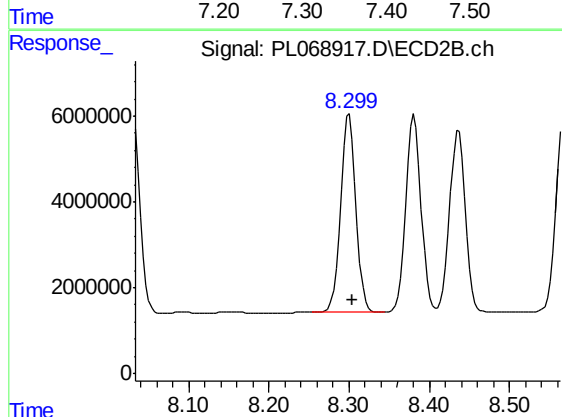
R.T.: 7.565 min  
Delta R.T.: 0.017 min  
Response: 66331106  
Conc: 1530.88 ng/ml



#25 Chlordane-3

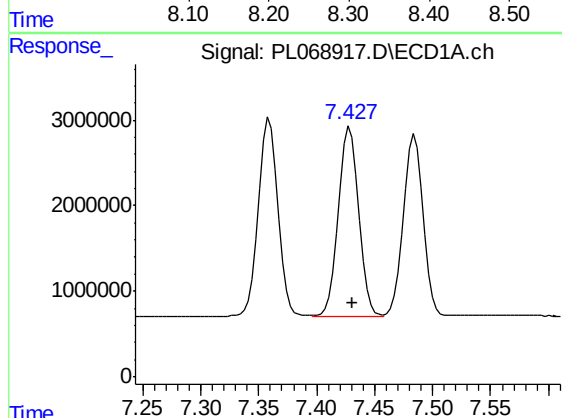
R.T.: 7.359 min  
Delta R.T.: -0.003 min  
Response: 27263676  
Conc: 519.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



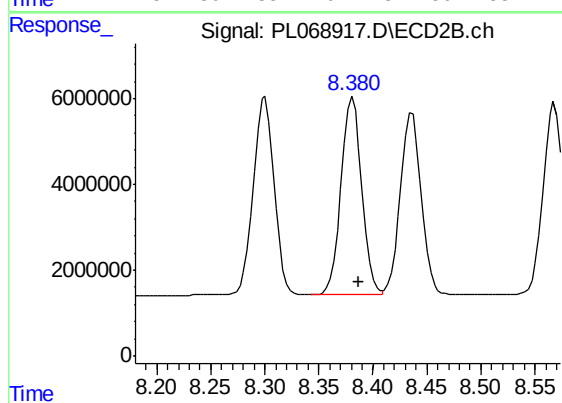
#25 Chlordane-3

R.T.: 8.300 min  
Delta R.T.: -0.004 min  
Response: 61805852  
Conc: 378.35 ng/ml



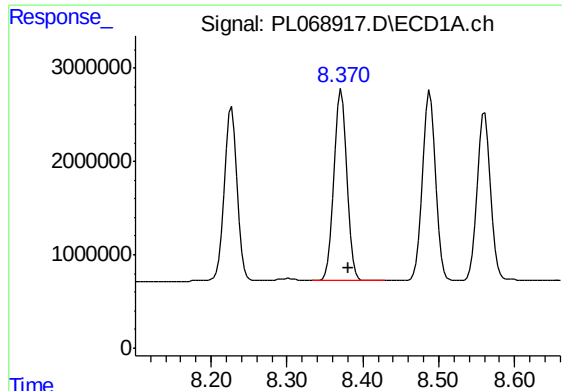
#26 Chlordane-4

R.T.: 7.429 min  
Delta R.T.: -0.002 min  
Response: 27117265  
Conc: 487.21 ng/ml



#26 Chlordane-4

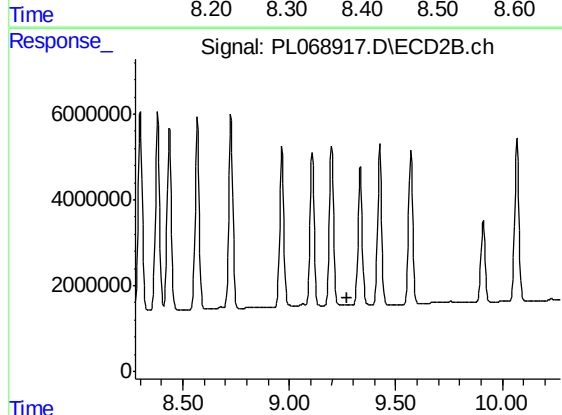
R.T.: 8.382 min  
Delta R.T.: -0.005 min  
Response: 61349780  
Conc: 309.34 ng/ml



#27 Chlordane-5

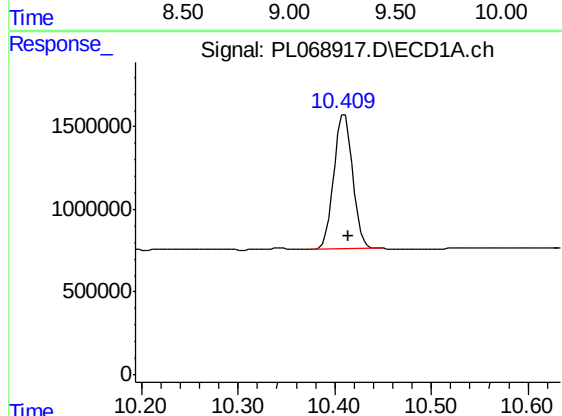
R.T.: 8.372 min  
Delta R.T.: -0.009 min  
Response: 24172636  
Conc: 1172.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138320BS



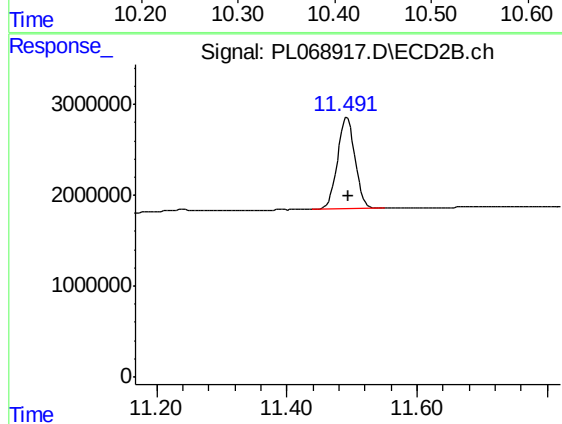
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.410 min  
Delta R.T.: -0.004 min  
Response: 10818787  
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: -0.002 min  
Response: 19018034  
Conc: 19.60 ng/ml