

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060421\  
 Data File : PL067079.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2021 16:32  
 Operator : AR\AJ  
 Sample : M2580-16DL 10X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 04:36:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 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... | 4.478  | 5.529   | 1878287  | 3043336  | 4.587   | 4.704    |
| 28)                         | SA Decachlor... | 10.222 | 11.429  | 4081232  | 4052349  | 6.312   | 4.857    |
| Target Compounds            |                 |        |         |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 6.108   | 0        | 503782   | N.D.    | 0.638 #  |
| 3)                          | MA gamma-BHC... | 5.619f | 0.000   | 984699   | 0        | 1.768   | N.D. #   |
| 4)                          | MA Heptachlor   | 5.989f | 0.000   | 887685   | 0        | 1.690   | N.D. #   |
| 5)                          | MB Aldrin       | 6.330  | 7.502f  | 685729   | 11286122 | 1.254   | 15.452 # |
| 6)                          | B beta-BHC      | 5.989  | 0.000   | 887685   | 0        | 3.333   | N.D. #   |
| 7)                          | B delta-BHC     | 6.246  | 0.000   | 1049919  | 0        | 1.979   | N.D. #   |
| 8)                          | B Heptachlor... | 0.000  | 7.982   | 0        | 3446868  | N.D.    | 4.936 #  |
| 9)                          | A Endosulfan I  | 7.301  | 0.000   | 811510   | 0        | 1.543   | N.D. #   |
| 10)                         | B gamma-Chl...  | 7.183  | 8.260   | 11878646 | 19701553 | 20.732  | 27.742 # |
| 11)                         | B alpha-Chl...  | 7.250  | 8.342   | 22930371 | 46314150 | 39.879  | 65.196 # |
| 12)                         | B 4,4'-DDE      | 7.470  | 8.527   | 3722827  | 4601787  | 6.973   | 7.040    |
| 13)                         | MA Dieldrin     | 7.601  | 8.680   | 613763   | 1184558  | 1.101   | 1.792 #  |
| 14)                         | MA Endrin       | 7.898f | 8.921   | 1604428  | 763054   | 3.098   | 1.351 #  |
| 15)                         | B Endosulfa...  | 8.178  | 0.000   | 3426636  | 0        | 6.614   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.069   | 949219   | 4158556  | 2.095   | 7.695 #  |
| 17)                         | MA 4,4'-DDT     | 8.305  | 0.000   | 3412408  | 0        | 7.402   | N.D. #   |
| 18)                         | B Endrin al...  | 8.355f | 0.000   | 1196509  | 0        | 2.599   | N.D. #   |
| 19)                         | B Endosulfa...  | 8.615  | 0.000   | 1288582  | 0        | 2.333   | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 10.050f | 0        | 344815   | N.D.    | 0.476 #  |
| 23)                         | Chlordane-1     | 5.799  | 6.912   | 8394825  | 9815478  | 550.502 | 478.944  |
| 24)                         | Chlordane-2     | 6.485  | 7.502   | 9960903  | 11286122 | 455.827 | 383.267  |
| 25)                         | Chlordane-3     | 7.183  | 8.260   | 11878646 | 19701553 | 203.903 | 188.203  |
| 26)                         | Chlordane-4     | 7.250  | 8.342   | 22930371 | 46314150 | 359.233 | 363.348  |
| 27)                         | Chlordane-5     | 8.178  | 0.000   | 3426636  | 0        | 181.603 | N.D. #   |
| -----                       |                 |        |         |          |          |         |          |

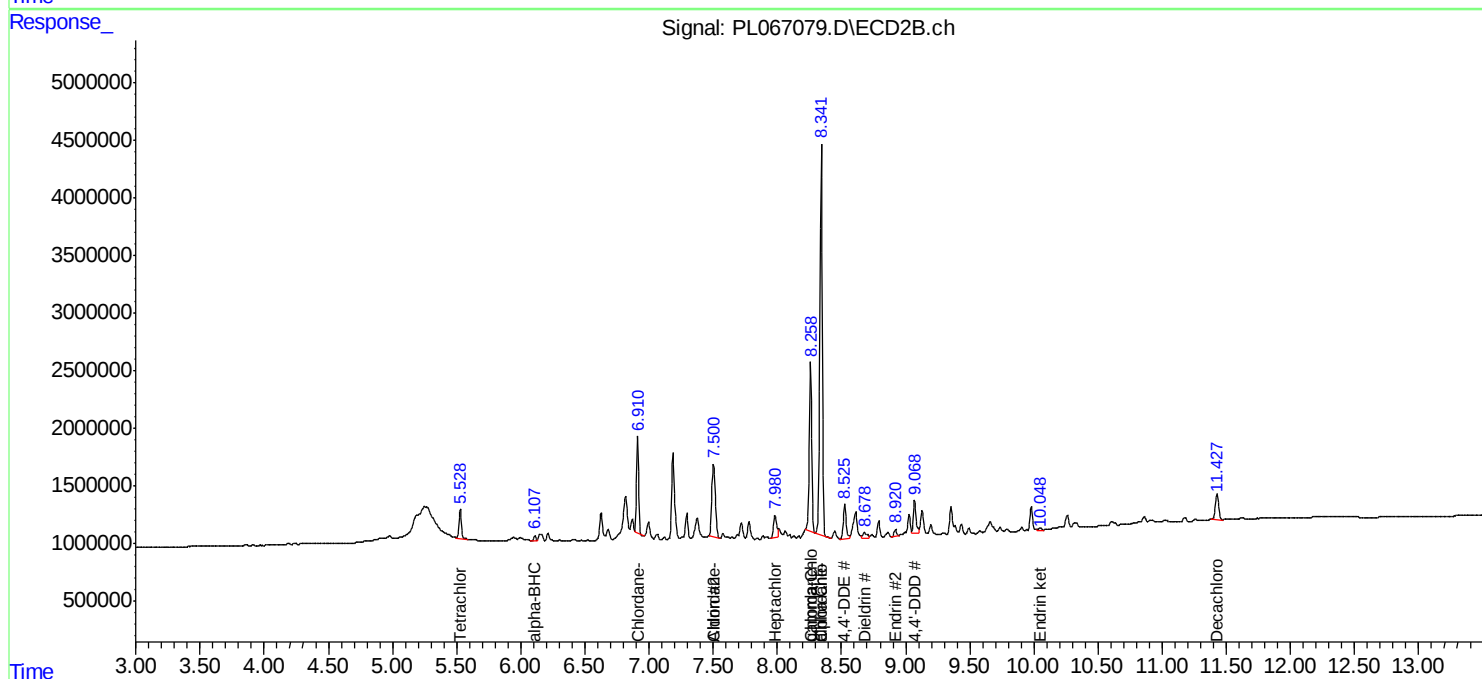
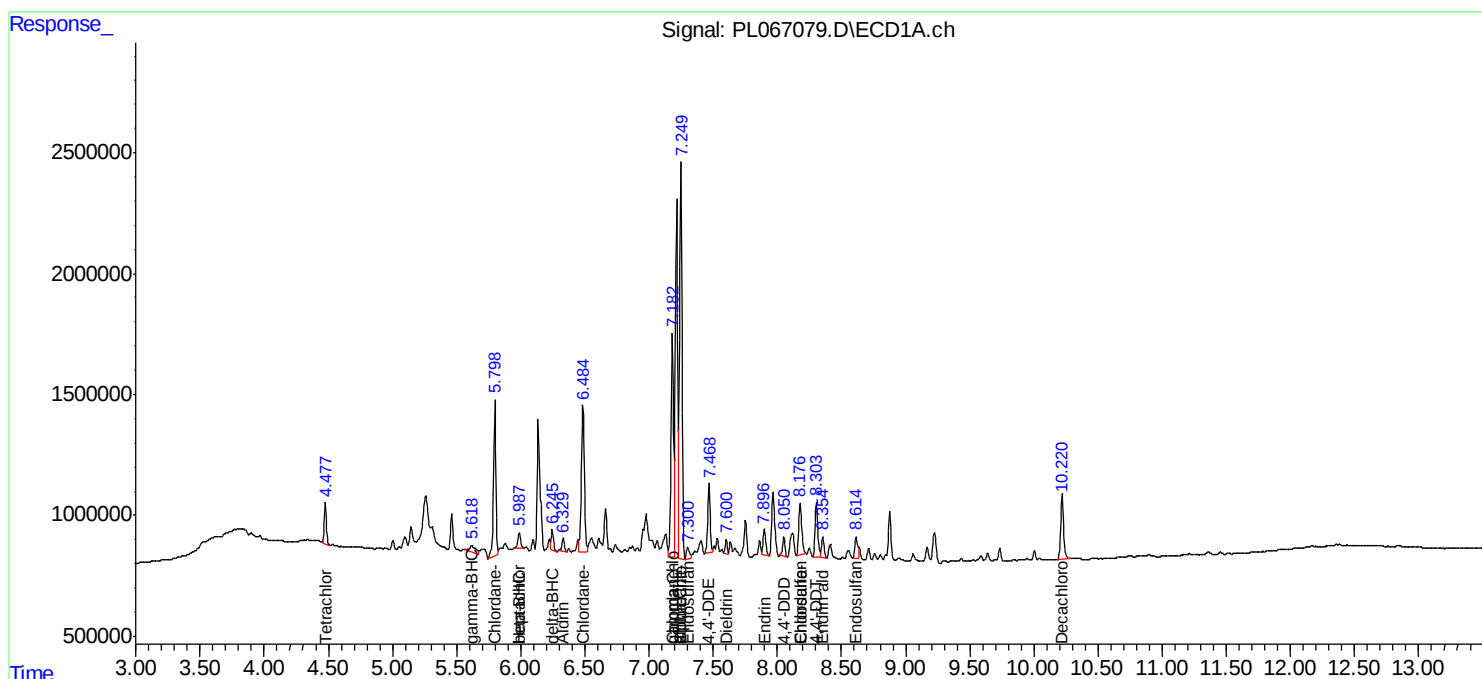
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

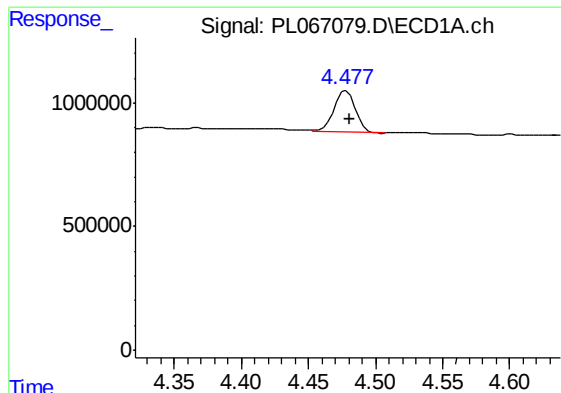
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060421\  
Data File : PL067079.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jun 2021 16:32  
Operator : AR\AJ  
Sample : M2580-16DL 10X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 04:36:06 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 02 14:20:39 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

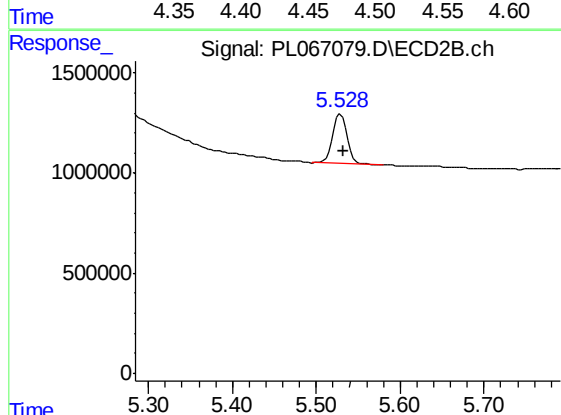




#1 Tetrachloro-m-xylene

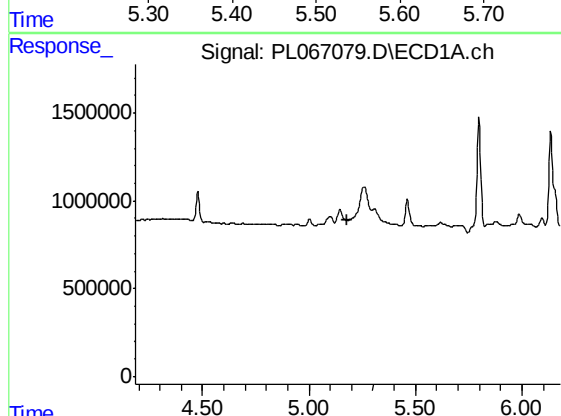
R.T.: 4.478 min  
Delta R.T.: -0.003 min  
Response: 1878287  
Conc: 4.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



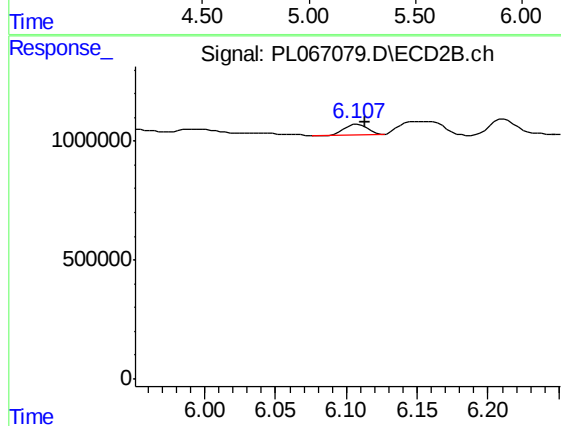
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.004 min  
Response: 3043336  
Conc: 4.70 ng/ml



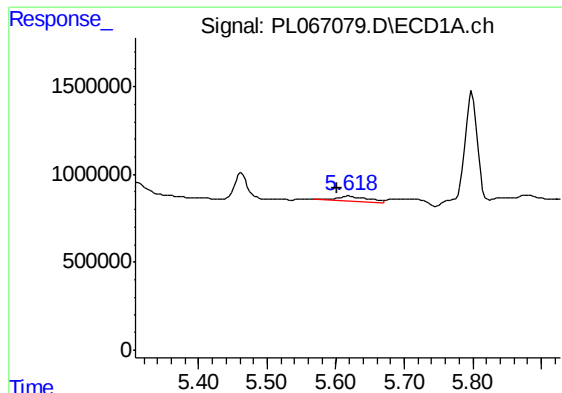
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.182 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

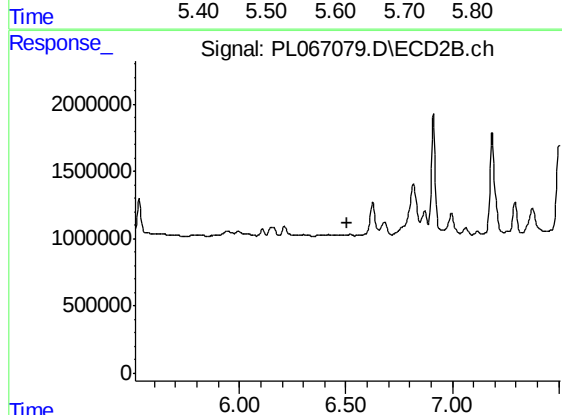
R.T.: 6.108 min  
Delta R.T.: -0.005 min  
Response: 503782  
Conc: 0.64 ng/ml



#3 gamma-BHC (Lindane)

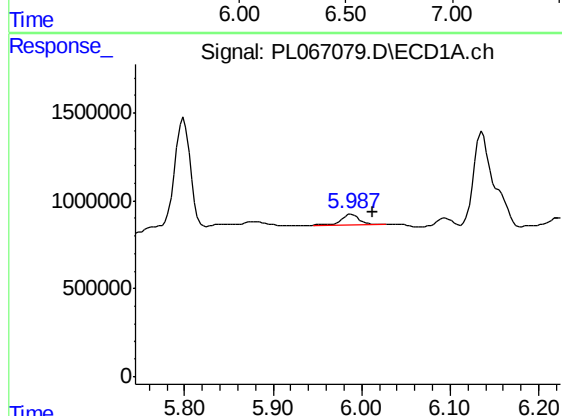
R.T.: 5.619 min  
Delta R.T.: 0.017 min  
Response: 984699  
Conc: 1.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



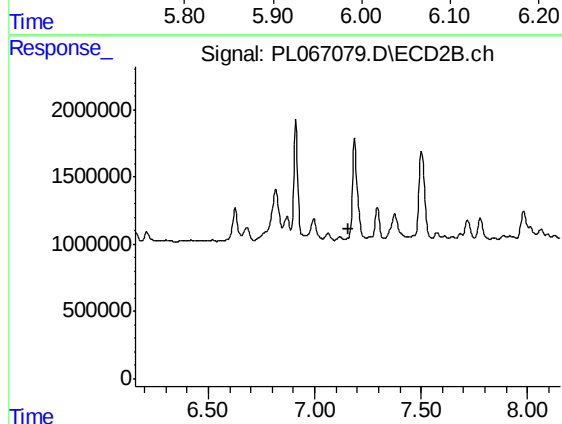
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 6.509 min  
Response: 0  
Conc: N.D.



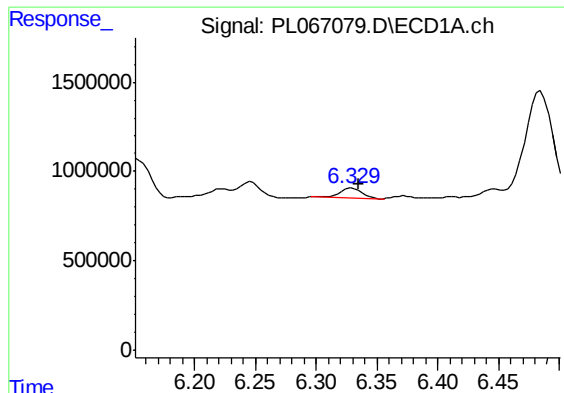
#4 Heptachlor

R.T.: 5.989 min  
Delta R.T.: -0.024 min  
Response: 887685  
Conc: 1.69 ng/ml



#4 Heptachlor

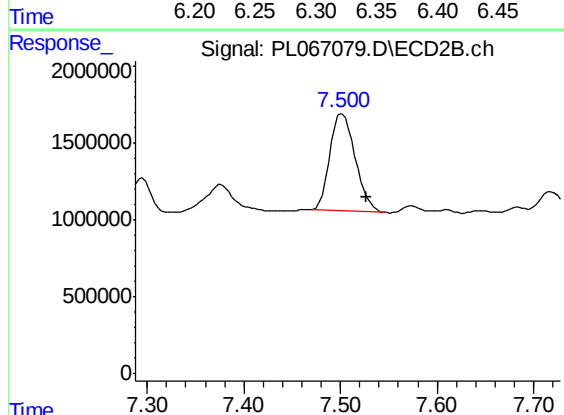
R.T.: 0.000 min  
Exp R.T. : 7.157 min  
Response: 0  
Conc: N.D.



#5 Aldrin

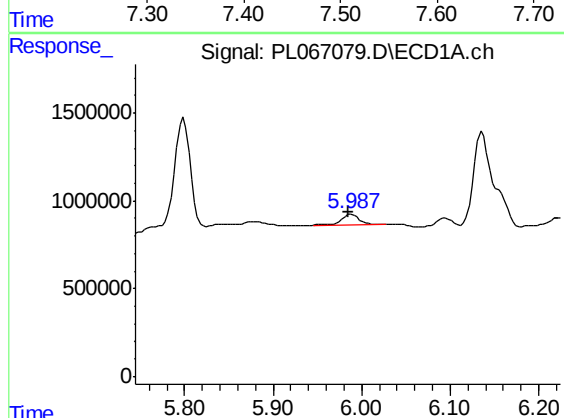
R.T.: 6.330 min  
Delta R.T.: -0.005 min  
Response: 685729  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



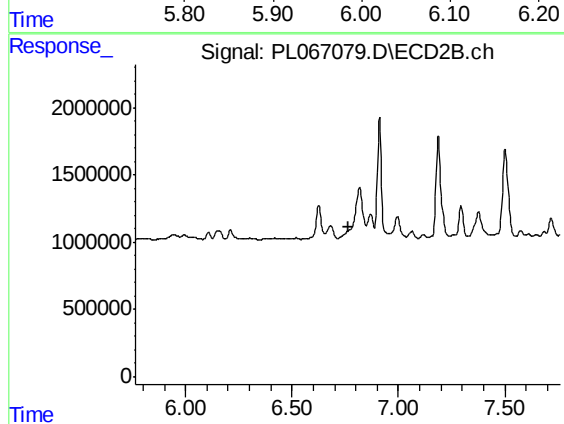
#5 Aldrin

R.T.: 7.502 min  
Delta R.T.: -0.026 min  
Response: 11286122  
Conc: 15.45 ng/ml



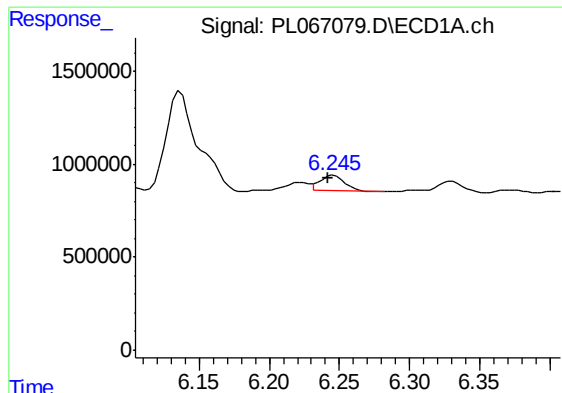
#6 beta-BHC

R.T.: 5.989 min  
Delta R.T.: 0.004 min  
Response: 887685  
Conc: 3.33 ng/ml



#6 beta-BHC

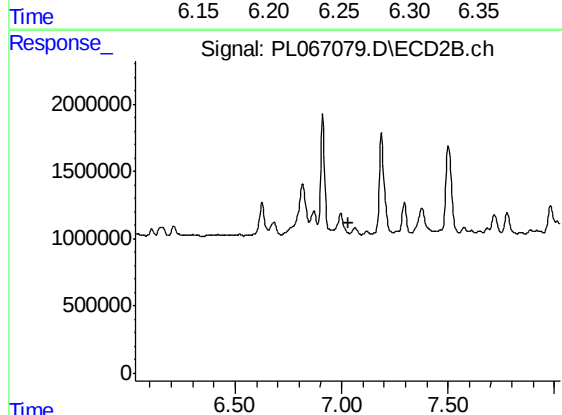
R.T.: 0.000 min  
Exp R.T. : 6.763 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

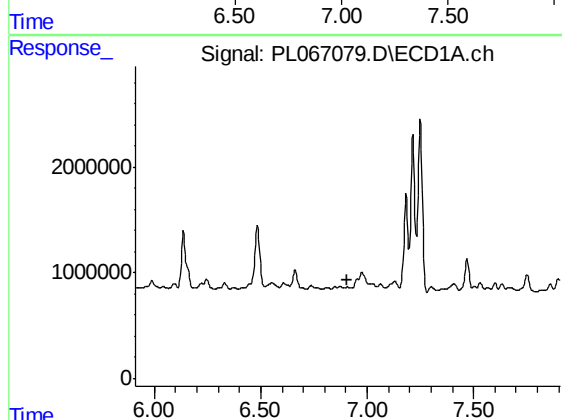
R.T.: 6.246 min  
Delta R.T.: 0.005 min  
Response: 1049919  
Conc: 1.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



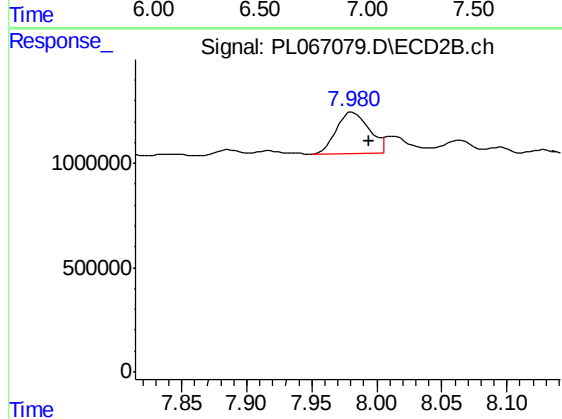
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 7.030 min  
Response: 0  
Conc: N.D.



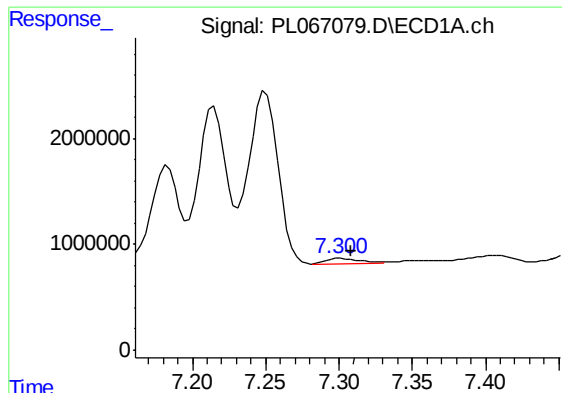
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

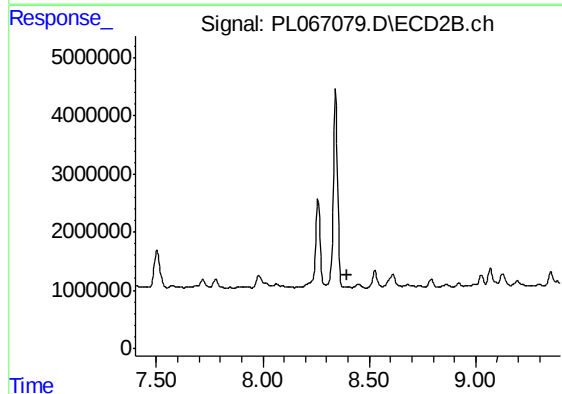
R.T.: 7.982 min  
Delta R.T.: -0.012 min  
Response: 3446868  
Conc: 4.94 ng/ml



#9 Endosulfan I

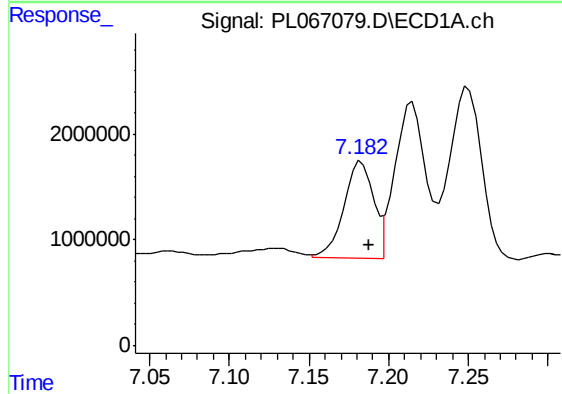
R.T.: 7.301 min  
Delta R.T.: -0.007 min  
Response: 811510  
Conc: 1.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



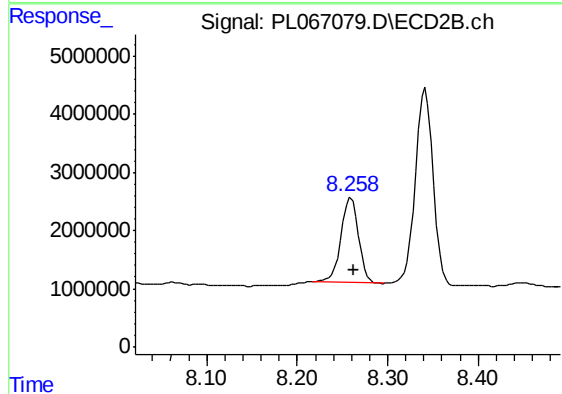
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 8.399 min  
Response: 0  
Conc: N.D.



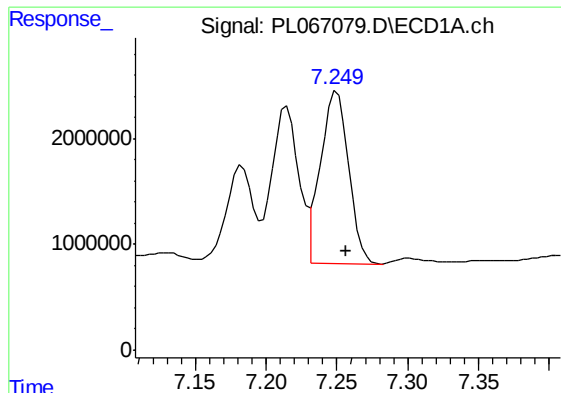
#10 gamma-Chlordane

R.T.: 7.183 min  
Delta R.T.: -0.005 min  
Response: 11878646  
Conc: 20.73 ng/ml



#10 gamma-Chlordane

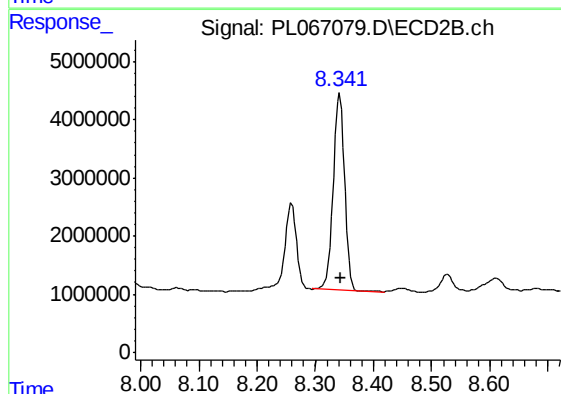
R.T.: 8.260 min  
Delta R.T.: -0.003 min  
Response: 19701553  
Conc: 27.74 ng/ml



#11 alpha-Chlordane

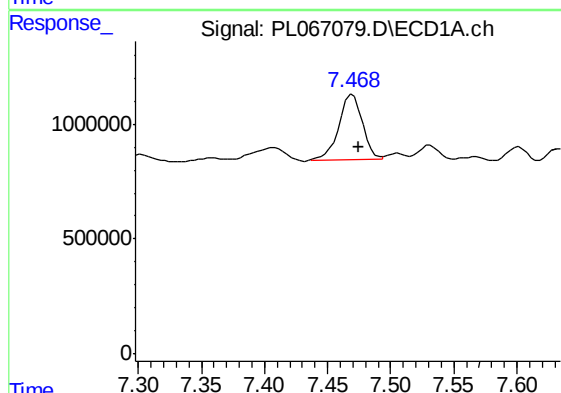
R.T.: 7.250 min  
Delta R.T.: -0.006 min  
Response: 22930371  
Conc: 39.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



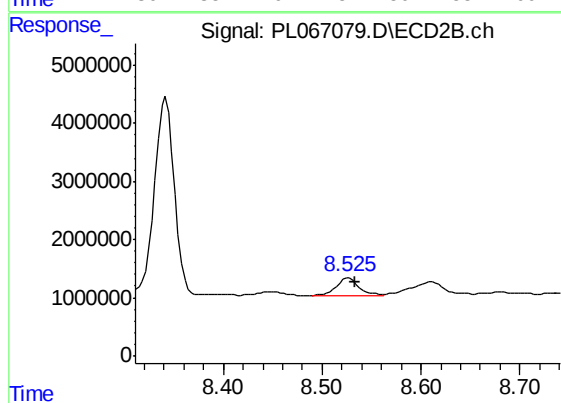
#11 alpha-Chlordane

R.T.: 8.342 min  
Delta R.T.: -0.002 min  
Response: 46314150  
Conc: 65.20 ng/ml



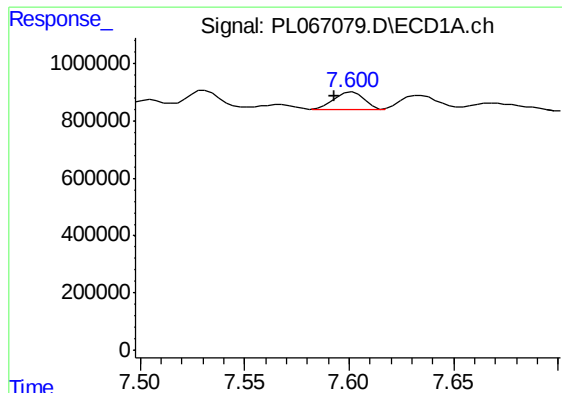
#12 4,4'-DDE

R.T.: 7.470 min  
Delta R.T.: -0.005 min  
Response: 3722827  
Conc: 6.97 ng/ml



#12 4,4'-DDE

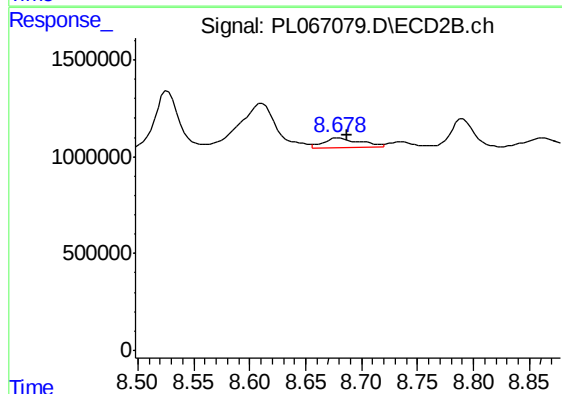
R.T.: 8.527 min  
Delta R.T.: -0.006 min  
Response: 4601787  
Conc: 7.04 ng/ml



#13 Dieldrin

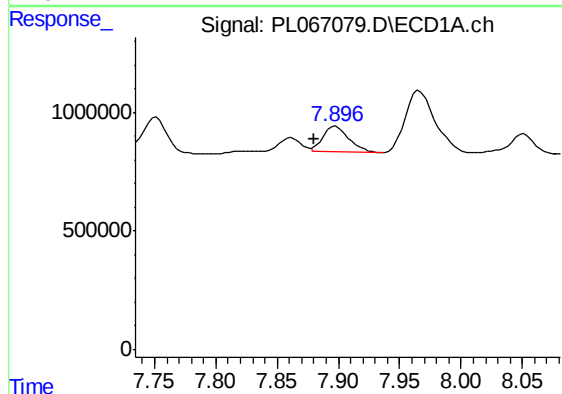
R.T.: 7.601 min  
Delta R.T.: 0.008 min  
Response: 613763  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



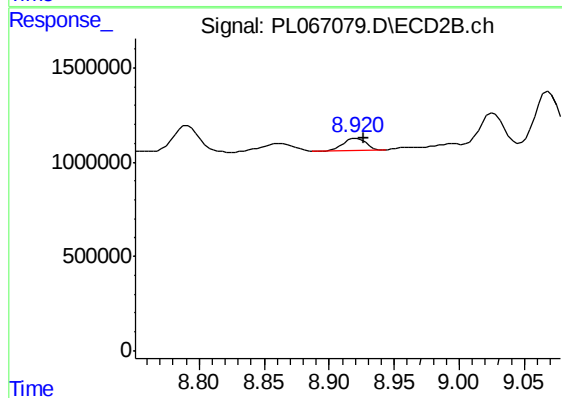
#13 Dieldrin

R.T.: 8.680 min  
Delta R.T.: -0.008 min  
Response: 1184558  
Conc: 1.79 ng/ml



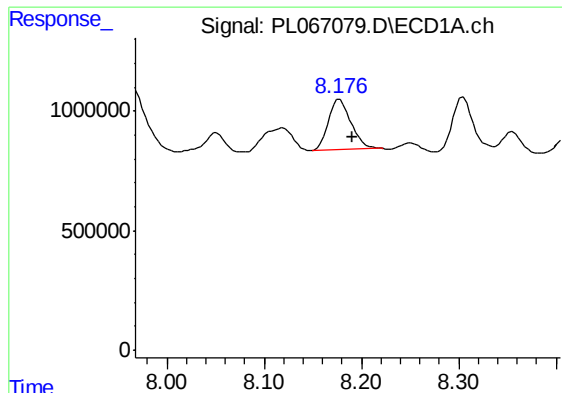
#14 Endrin

R.T.: 7.898 min  
Delta R.T.: 0.017 min  
Response: 1604428  
Conc: 3.10 ng/ml



#14 Endrin

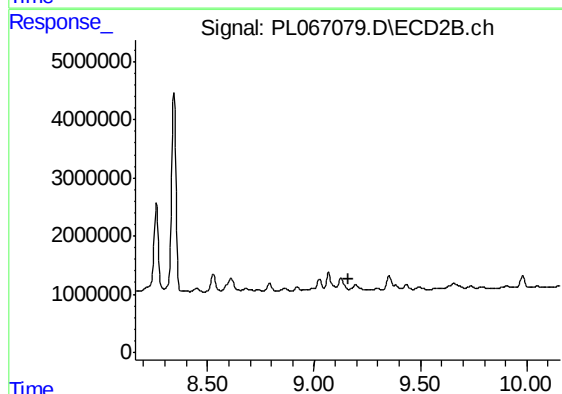
R.T.: 8.921 min  
Delta R.T.: -0.005 min  
Response: 763054  
Conc: 1.35 ng/ml



#15 Endosulfan II

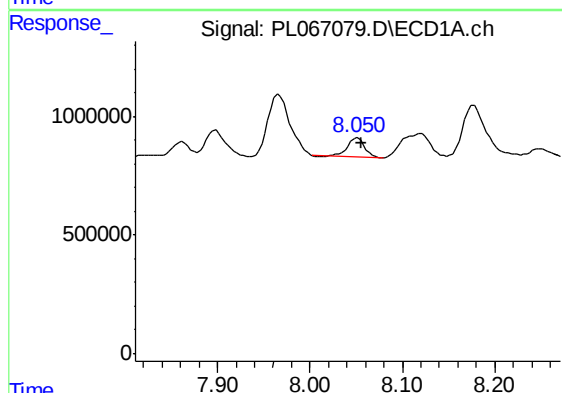
R.T.: 8.178 min  
Delta R.T.: -0.014 min  
Response: 3426636  
Conc: 6.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



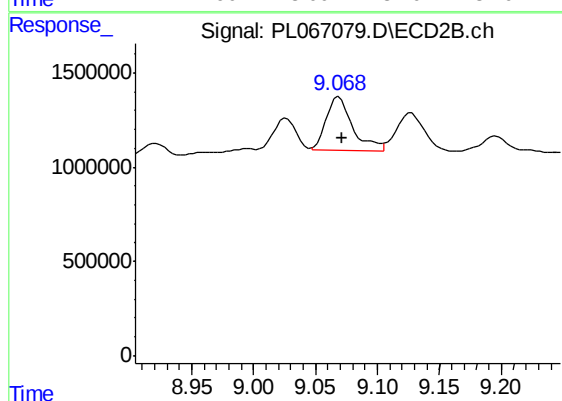
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 9.161 min  
Response: 0  
Conc: N.D.



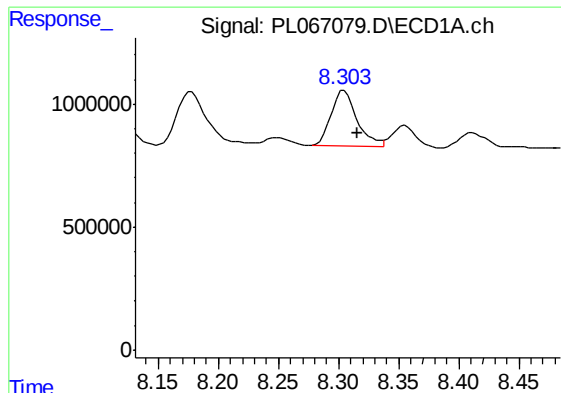
#16 4,4'-DDD

R.T.: 8.051 min  
Delta R.T.: -0.004 min  
Response: 949219  
Conc: 2.09 ng/ml



#16 4,4'-DDD

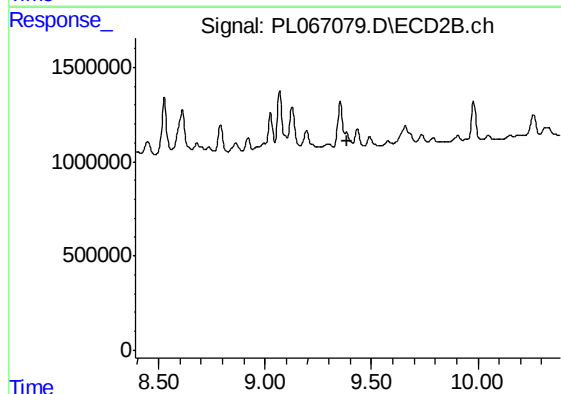
R.T.: 9.069 min  
Delta R.T.: -0.002 min  
Response: 4158556  
Conc: 7.70 ng/ml



#17 4,4'-DDT

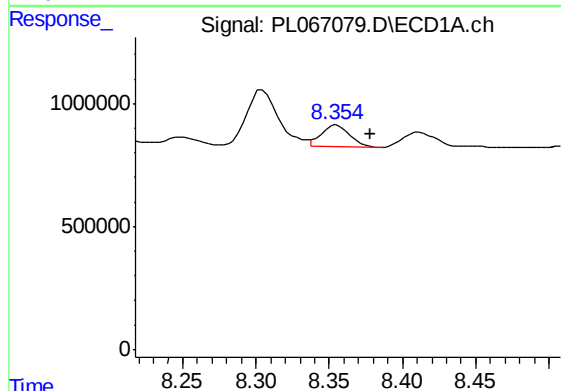
R.T.: 8.305 min  
Delta R.T.: -0.011 min  
Response: 3412408  
Conc: 7.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



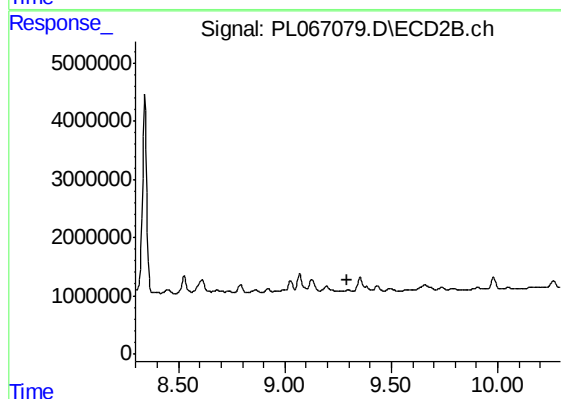
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 9.389 min  
Response: 0  
Conc: N.D.



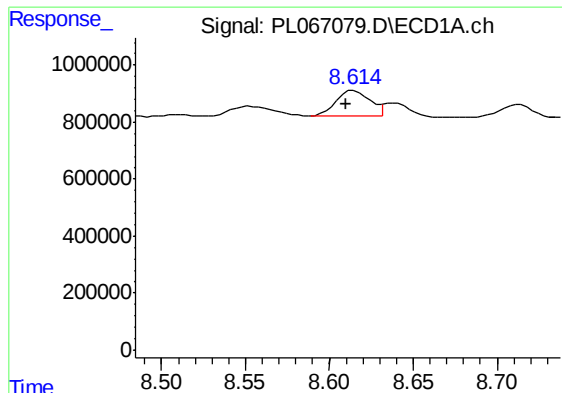
#18 Endrin aldehyde

R.T.: 8.355 min  
Delta R.T.: -0.023 min  
Response: 1196509  
Conc: 2.60 ng/ml



#18 Endrin aldehyde

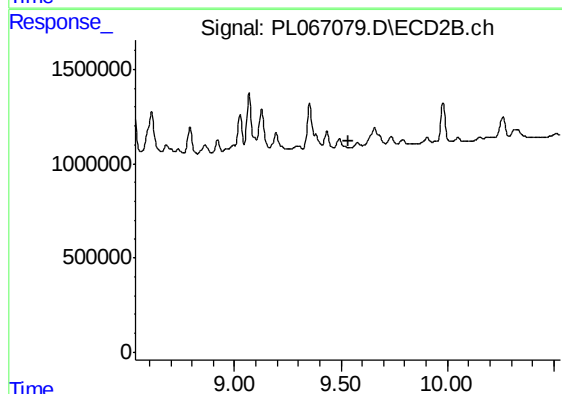
R.T.: 0.000 min  
Exp R.T. : 9.295 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

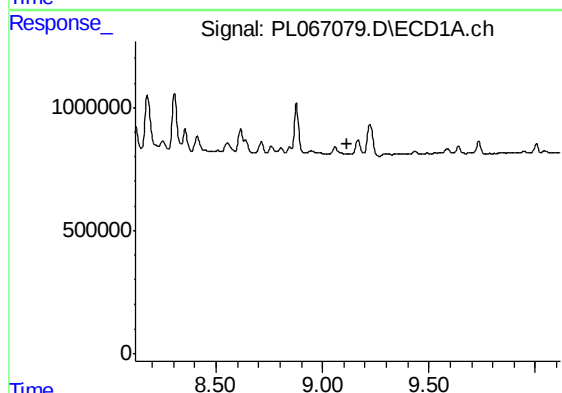
R.T.: 8.615 min  
Delta R.T.: 0.005 min  
Response: 1288582  
Conc: 2.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



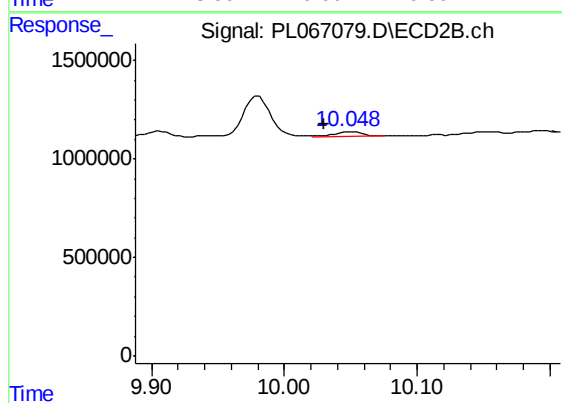
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 9.533 min  
Response: 0  
Conc: N.D.



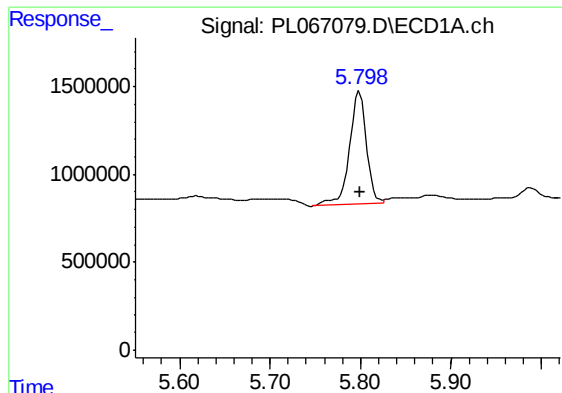
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 9.119 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

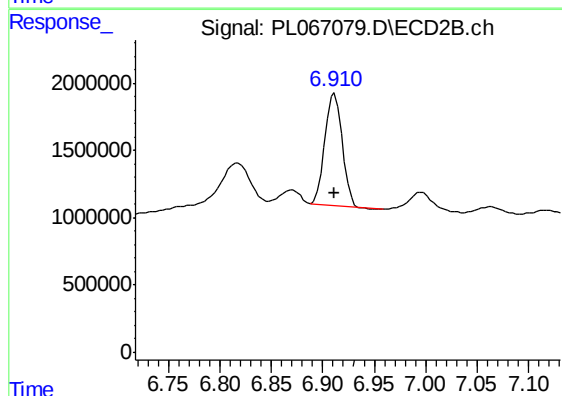
R.T.: 10.050 min  
Delta R.T.: 0.020 min  
Response: 344815  
Conc: 0.48 ng/ml



#23 Chlordane-1

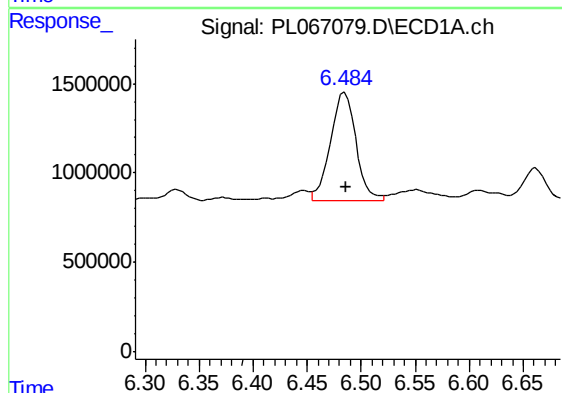
R.T.: 5.799 min  
Delta R.T.: -0.001 min  
Response: 8394825  
Conc: 550.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



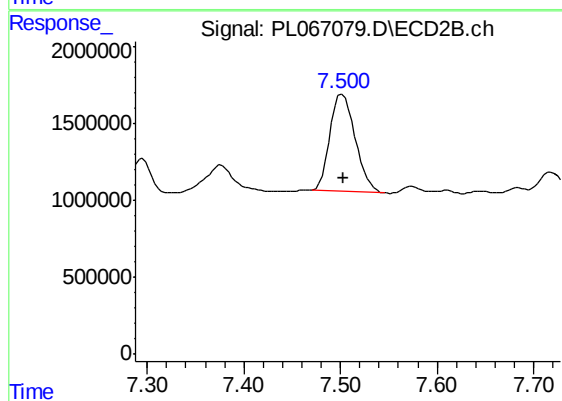
#23 Chlordane-1

R.T.: 6.912 min  
Delta R.T.: 0.000 min  
Response: 9815478  
Conc: 478.94 ng/ml



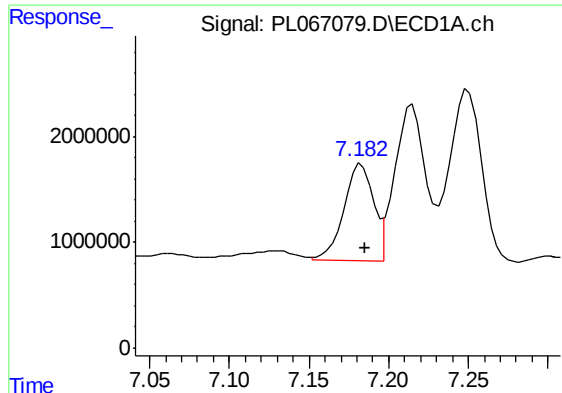
#24 Chlordane-2

R.T.: 6.485 min  
Delta R.T.: -0.001 min  
Response: 9960903  
Conc: 455.83 ng/ml



#24 Chlordane-2

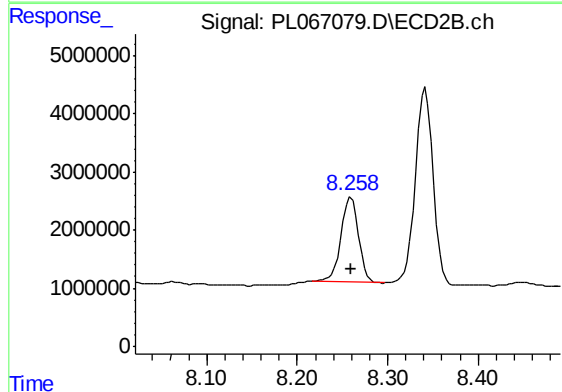
R.T.: 7.502 min  
Delta R.T.: -0.001 min  
Response: 11286122  
Conc: 383.27 ng/ml



#25 Chlordane-3

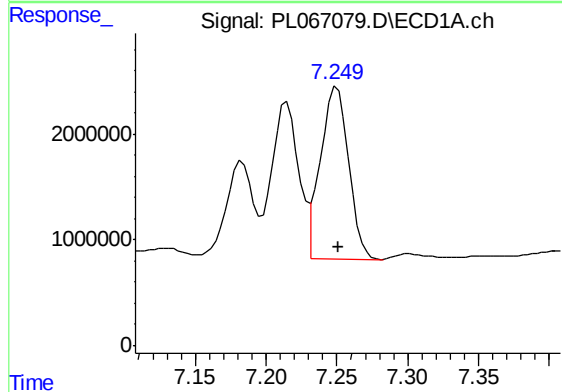
R.T.: 7.183 min  
Delta R.T.: -0.002 min  
Response: 11878646  
Conc: 203.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



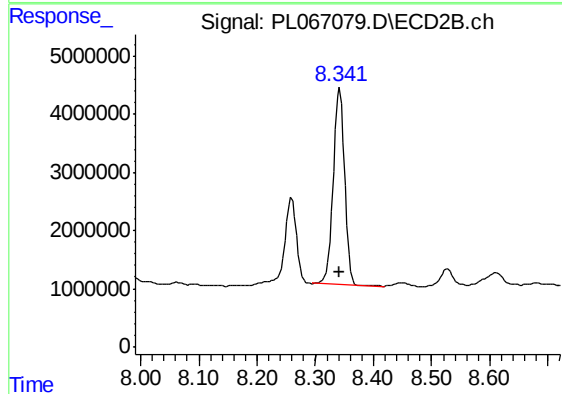
#25 Chlordane-3

R.T.: 8.260 min  
Delta R.T.: 0.000 min  
Response: 19701553  
Conc: 188.20 ng/ml



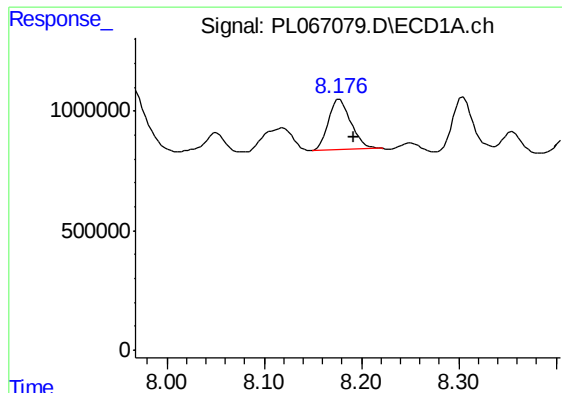
#26 Chlordane-4

R.T.: 7.250 min  
Delta R.T.: -0.001 min  
Response: 22930371  
Conc: 359.23 ng/ml



#26 Chlordane-4

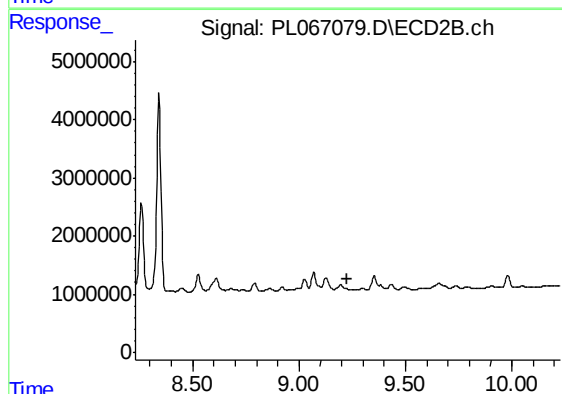
R.T.: 8.342 min  
Delta R.T.: 0.000 min  
Response: 46314150  
Conc: 363.35 ng/ml



#27 Chlordane-5

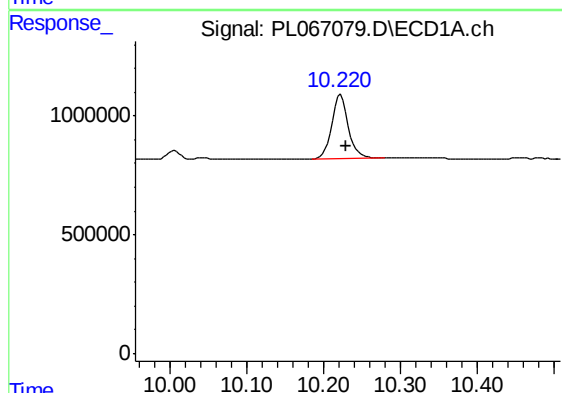
R.T.: 8.178 min  
Delta R.T.: -0.014 min  
Response: 3426636  
Conc: 181.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



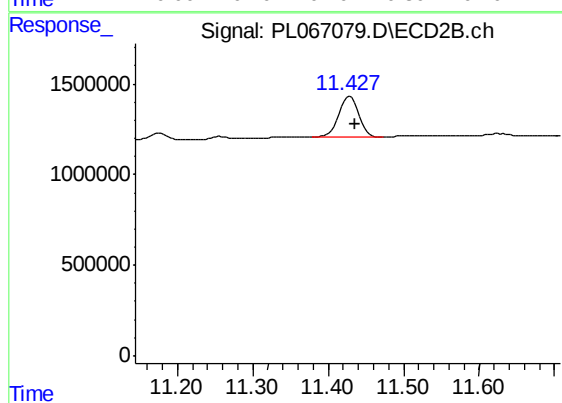
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.229 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.222 min  
Delta R.T.: -0.006 min  
Response: 4081232  
Conc: 6.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.429 min  
Delta R.T.: -0.006 min  
Response: 4052349  
Conc: 4.86 ng/ml