

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060421\  
 Data File : PL067072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2021 14:14  
 Operator : AR\AJ  
 Sample : M2580-03RE  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampled :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 04:32:51 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... | 4.493  | 5.534   | 14886396 | 28336095 | 36.352   | 43.803     |
| 28)                         | SA Decachlor... | 10.223 | 11.432  | 8895825  | 18855630 | 13.757   | 22.599 #   |
| Target Compounds            |                 |        |         |          |          |          |            |
| 3)                          | MA gamma-BHC... | 5.587  | 6.511   | 7697996  | 25941523 | 13.821   | 34.241 #   |
| 4)                          | MA Heptachlor   | 6.028  | 0.000   | 50817673 | 0        | 96.737   | N.D. #     |
| 5)                          | MB Aldrin       | 6.332  | 7.532   | 55459185 | -3196486 | 101.399  | N.D. #     |
| 7)                          | B delta-BHC     | 6.251  | 7.053f  | 48637935 | 265.6E6  | 91.673   | 349.776 #  |
| 8)                          | B Heptachlo...  | 6.912  | 7.989   | 2502837  | 106.5E6  | 4.718    | 152.458 #  |
| 9)                          | A Endosulfan I  | 7.322  | 8.384   | 24956531 | 5975895  | 47.466   | 9.342 #    |
| 10)                         | B gamma-Chl...  | 7.173  | 8.260   | 75761082 | 16439368 | 132.227  | 23.148 #   |
| 11)                         | B alpha-Chl...  | 7.245  | 8.343   | 46735498 | 34545102 | 81.280   | 48.629 #   |
| 12)                         | B 4,4'-DDE      | 7.471  | 8.527   | 25994043 | 103.7E6  | 48.686   | 158.653 #  |
| 13)                         | MA Dieldrin     | 7.604  | 8.682   | 52031438 | 24872126 | 93.305   | 37.628 #   |
| 14)                         | MA Endrin       | 7.864f | 8.923   | 60105814 | 95532444 | 116.061  | 169.148 #  |
| 15)                         | B Endosulfa...  | 8.186  | 9.131f  | 41241912 | 5830905  | 79.603   | 9.452 #    |
| 16)                         | A 4,4'-DDD      | 8.053  | 9.069   | 21221115 | 113.2E6  | 46.836   | 209.539 #  |
| 17)                         | MA 4,4'-DDT     | 8.305  | 0.000   | 70855911 | 0        | 153.704  | N.D. #     |
| 18)                         | B Endrin al...  | 0.000  | 9.312f  | 0        | 75004331 | N.D.     | 137.848 #  |
| 19)                         | B Endosulfa...  | 8.615  | 0.000   | 8782288  | 0        | 15.897   | N.D. #     |
| 20)                         | A Methoxychlor  | 8.913  | 0.000   | 29360541 | 0        | 98.488   | N.D. #     |
| 22)                         | Mirex           | 9.305  | 10.511f | -1880541 | 4563948  | N.D.     | 7.091      |
| 23)                         | Chlordane-1     | 5.800  | 6.919   | 5835572  | 27285300 | 382.676  | 1331.379 # |
| 24)                         | Chlordane-2     | 6.466f | 7.532f  | 35238809 | -3196486 | 1612.584 | N.D. #     |
| 25)                         | Chlordane-3     | 7.173  | 8.260   | 75761082 | 16439368 | 1300.475 | 157.041 #  |
| 26)                         | Chlordane-4     | 7.245  | 8.343   | 46735498 | 34545102 | 732.171  | 271.016 #  |
| 27)                         | Chlordane-5     | 8.186  | 9.254f  | 41241912 | 4784592  | 2185.718 | 197.331 #  |
| -----                       |                 |        |         |          |          |          |            |

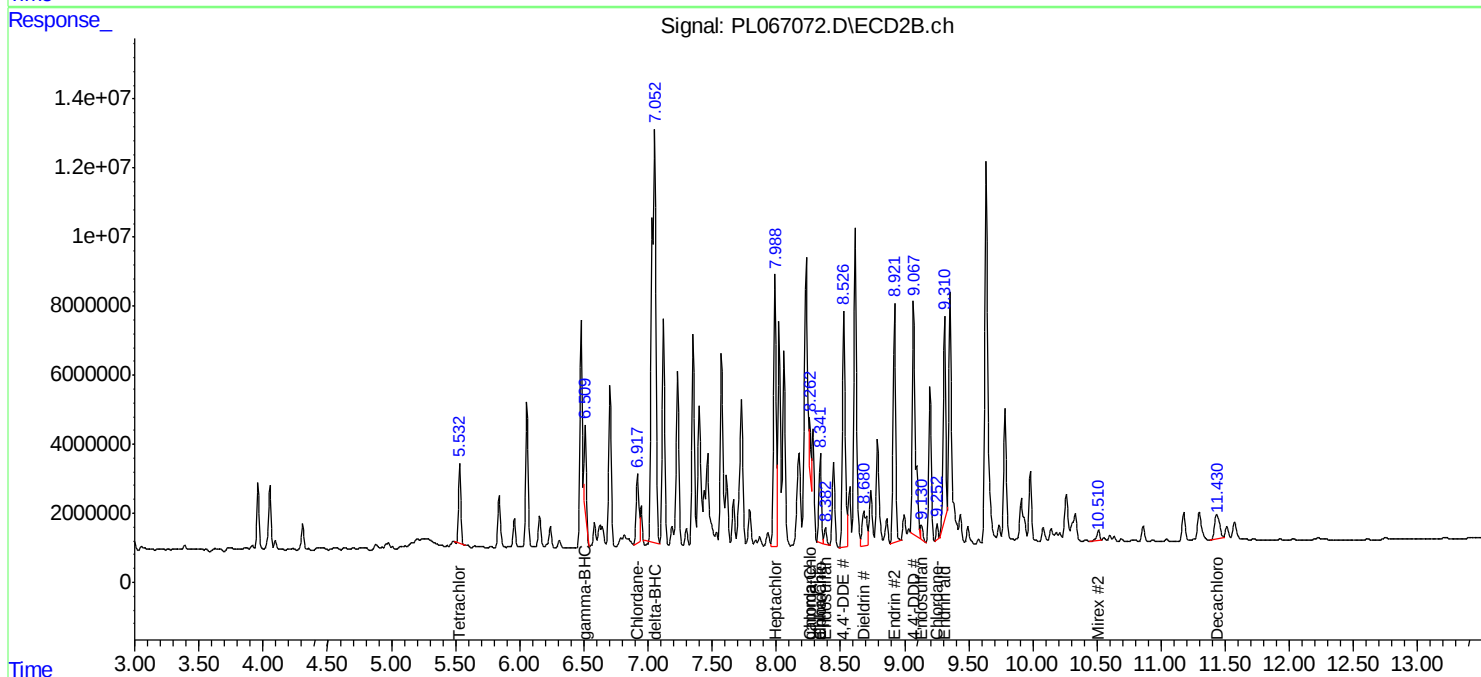
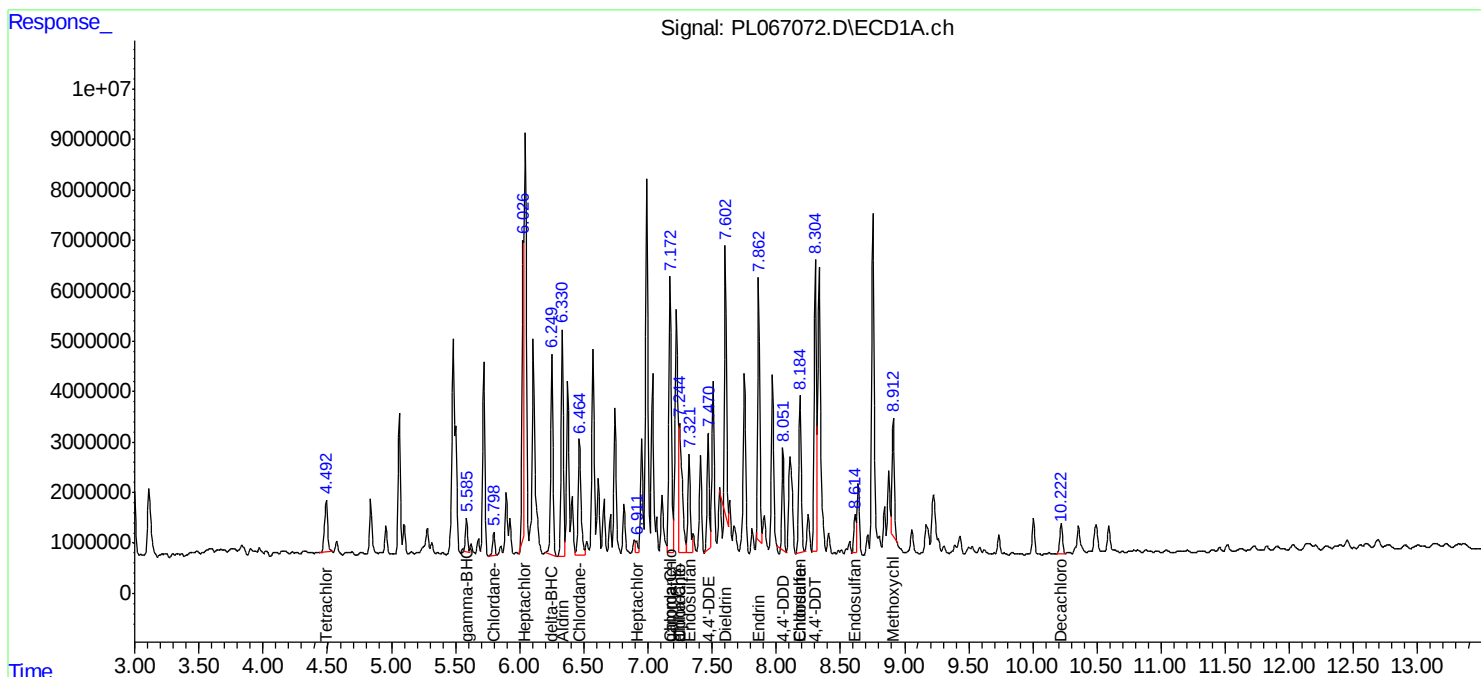
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

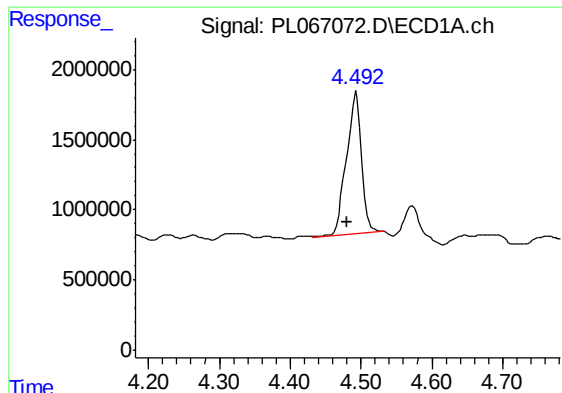
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060421\  
 Data File : PL067072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2021 14:14  
 Operator : AR\AJ  
 Sample : M2580-03RE  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampled :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 04:32:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 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

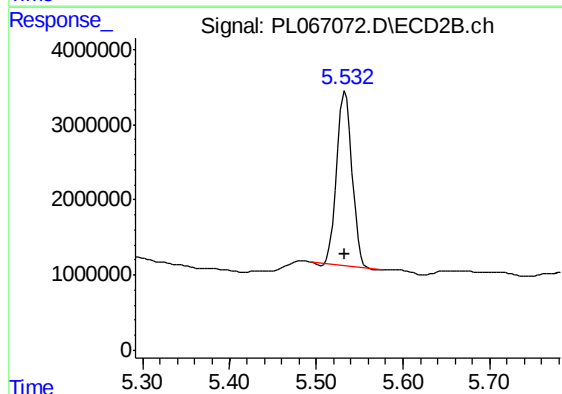




#1 Tetrachloro-m-xylene

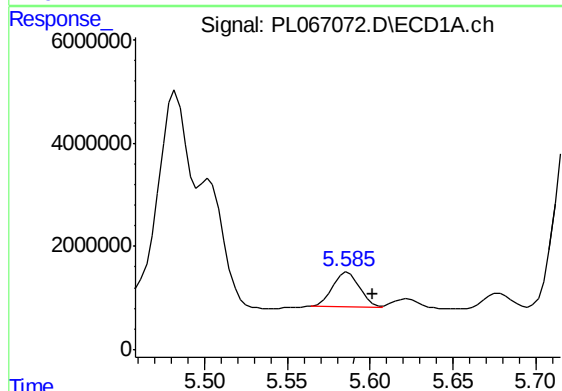
R.T.: 4.493 min  
Delta R.T.: 0.012 min  
Response: 14886396  
Conc: 36.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



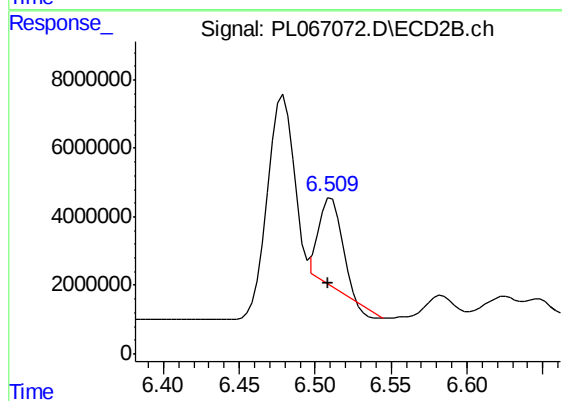
#1 Tetrachloro-m-xylene

R.T.: 5.534 min  
Delta R.T.: 0.000 min  
Response: 28336095  
Conc: 43.80 ng/ml



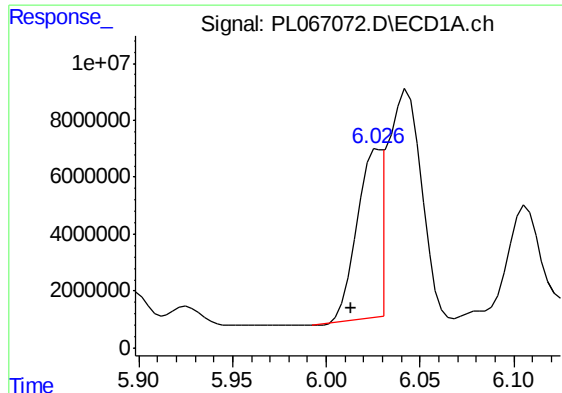
#3 gamma-BHC (Lindane)

R.T.: 5.587 min  
Delta R.T.: -0.015 min  
Response: 7697996  
Conc: 13.82 ng/ml



#3 gamma-BHC (Lindane)

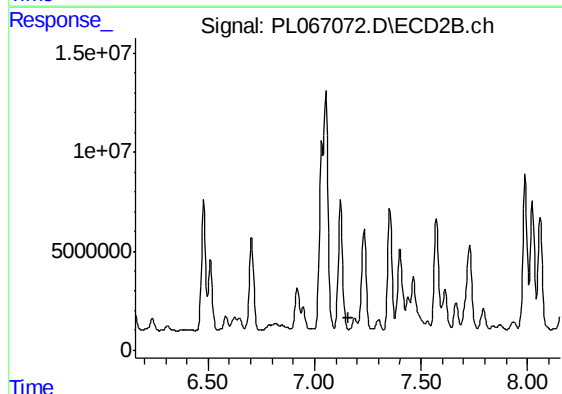
R.T.: 6.511 min  
Delta R.T.: 0.002 min  
Response: 25941523  
Conc: 34.24 ng/ml



#4 Heptachlor

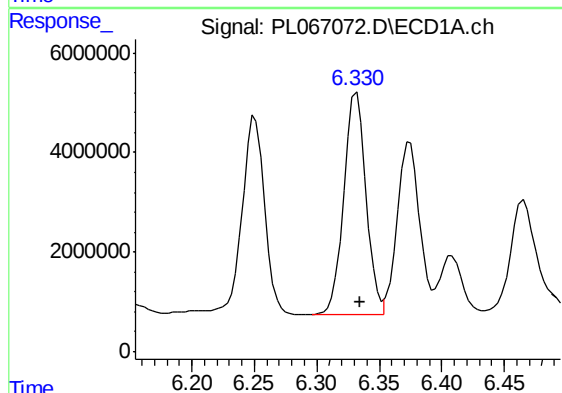
R.T.: 6.028 min  
Delta R.T.: 0.015 min  
Response: 50817673  
Conc: 96.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



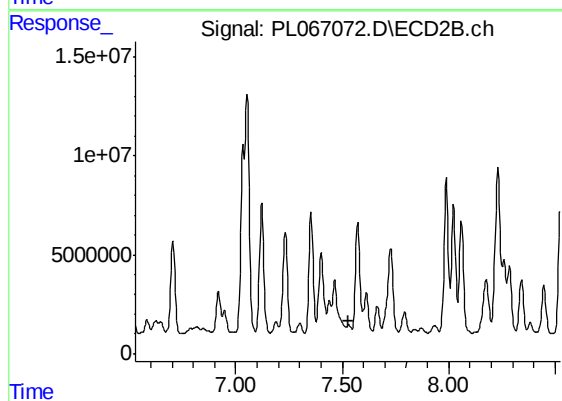
#4 Heptachlor

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



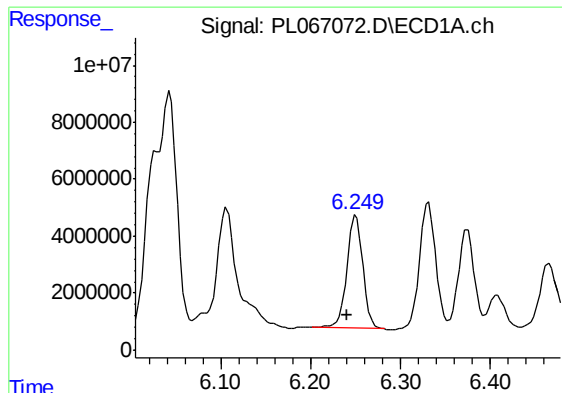
#5 Aldrin

R.T.: 6.332 min  
Delta R.T.: -0.003 min  
Response: 55459185  
Conc: 101.40 ng/ml



#5 Aldrin

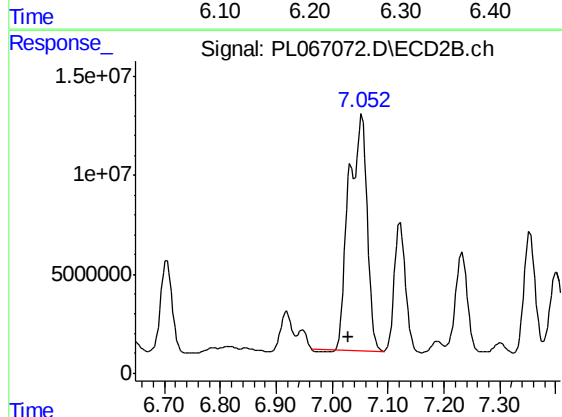
R.T.: 7.532 min  
Delta R.T.: 0.004 min  
Response: -3196486  
Conc: N.D.



#7 delta-BHC

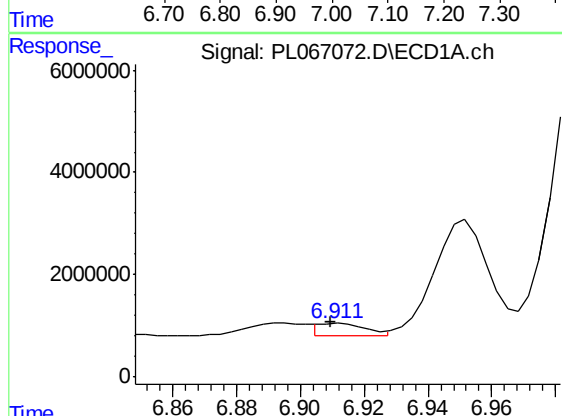
R.T.: 6.251 min  
Delta R.T.: 0.009 min  
Response: 48637935  
Conc: 91.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



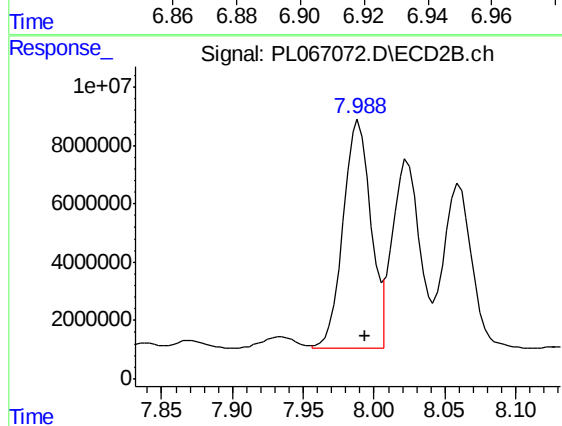
#7 delta-BHC

R.T.: 7.053 min  
Delta R.T.: 0.024 min  
Response: 265590579  
Conc: 349.78 ng/ml



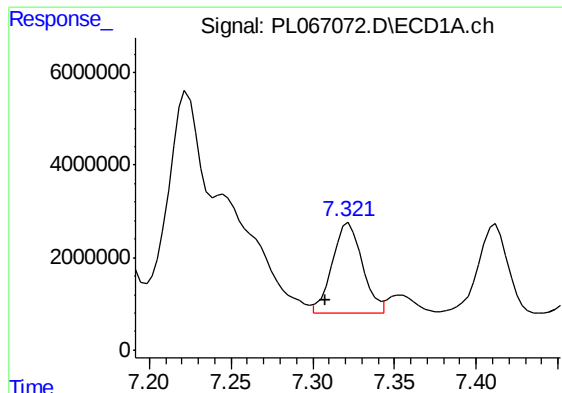
#8 Heptachlor epoxide

R.T.: 6.912 min  
Delta R.T.: 0.003 min  
Response: 2502837  
Conc: 4.72 ng/ml



#8 Heptachlor epoxide

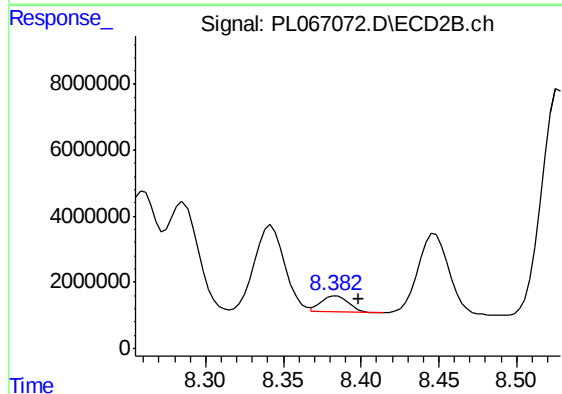
R.T.: 7.989 min  
Delta R.T.: -0.004 min  
Response: 106453052  
Conc: 152.46 ng/ml



#9 Endosulfan I

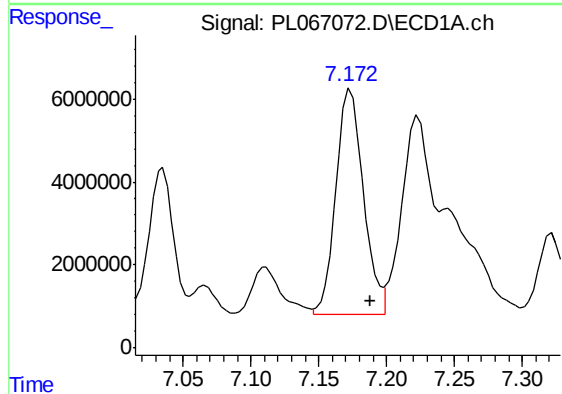
R.T.: 7.322 min  
Delta R.T.: 0.014 min  
Response: 24956531  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



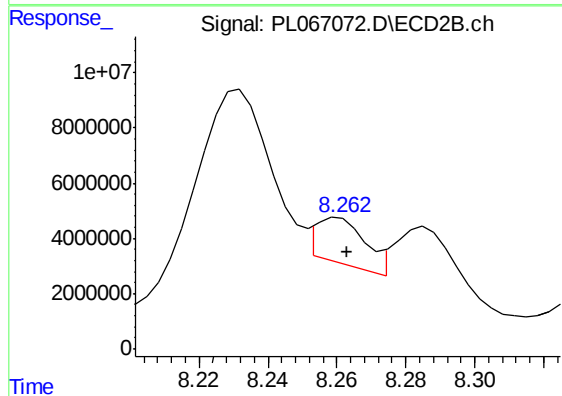
#9 Endosulfan I

R.T.: 8.384 min  
Delta R.T.: -0.015 min  
Response: 5975895  
Conc: 9.34 ng/ml



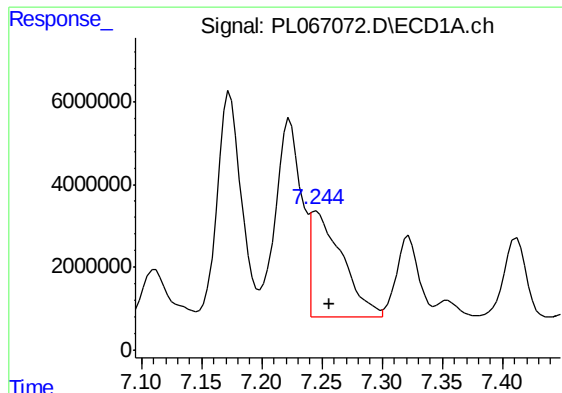
#10 gamma-Chlordane

R.T.: 7.173 min  
Delta R.T.: -0.014 min  
Response: 75761082  
Conc: 132.23 ng/ml



#10 gamma-Chlordane

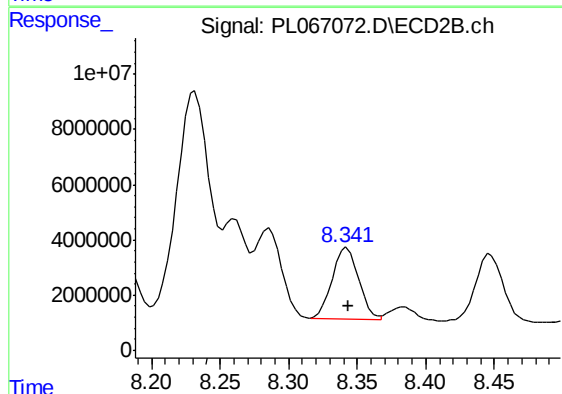
R.T.: 8.260 min  
Delta R.T.: -0.003 min  
Response: 16439368  
Conc: 23.15 ng/ml



#11 alpha-Chlordane

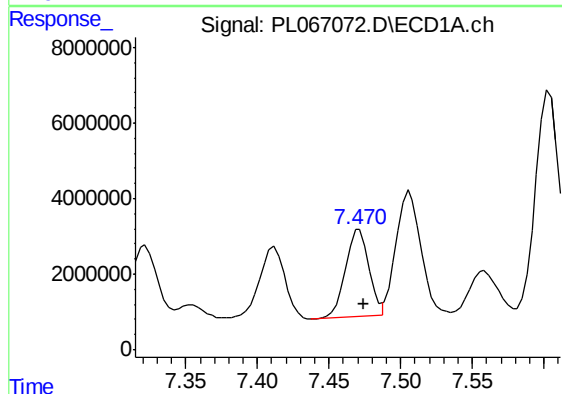
R.T.: 7.245 min  
Delta R.T.: -0.011 min  
Response: 46735498  
Conc: 81.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



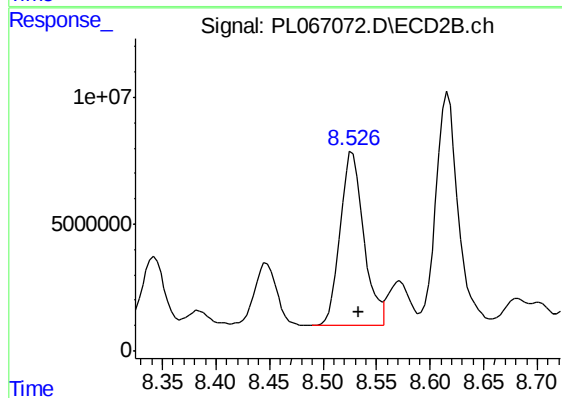
#11 alpha-Chlordane

R.T.: 8.343 min  
Delta R.T.: -0.001 min  
Response: 34545102  
Conc: 48.63 ng/ml



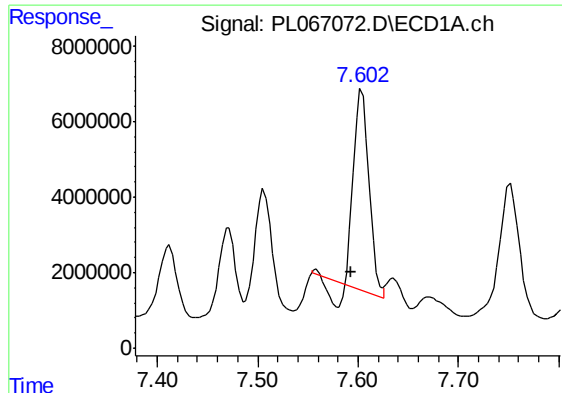
#12 4,4'-DDE

R.T.: 7.471 min  
Delta R.T.: -0.003 min  
Response: 25994043  
Conc: 48.69 ng/ml



#12 4,4'-DDE

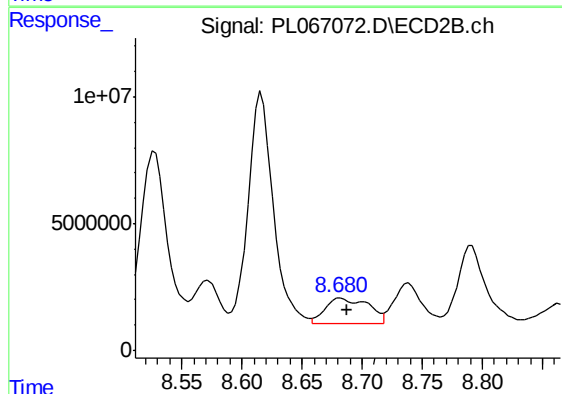
R.T.: 8.527 min  
Delta R.T.: -0.005 min  
Response: 103710161  
Conc: 158.65 ng/ml



#13 Dielddrin

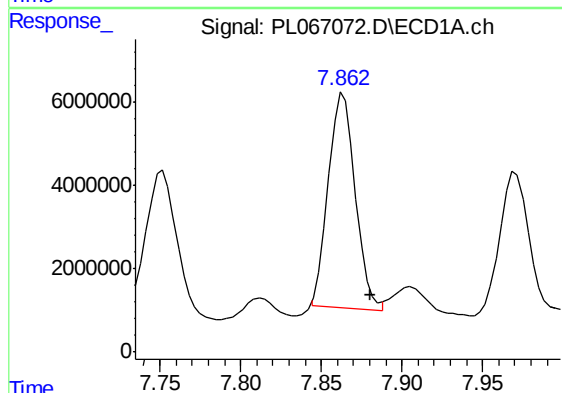
R.T.: 7.604 min  
Delta R.T.: 0.011 min  
Response: 52031438  
Conc: 93.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



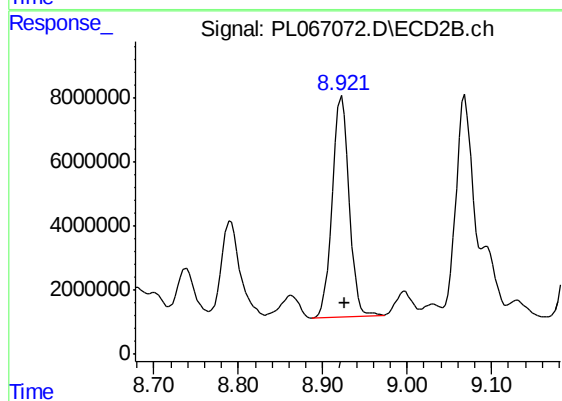
#13 Dielddrin

R.T.: 8.682 min  
Delta R.T.: -0.006 min  
Response: 24872126  
Conc: 37.63 ng/ml



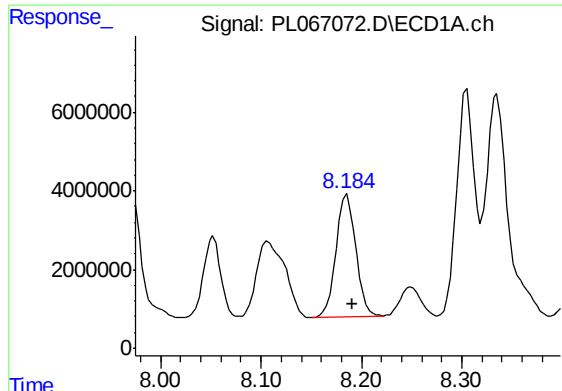
#14 Endrin

R.T.: 7.864 min  
Delta R.T.: -0.017 min  
Response: 60105814  
Conc: 116.06 ng/ml



#14 Endrin

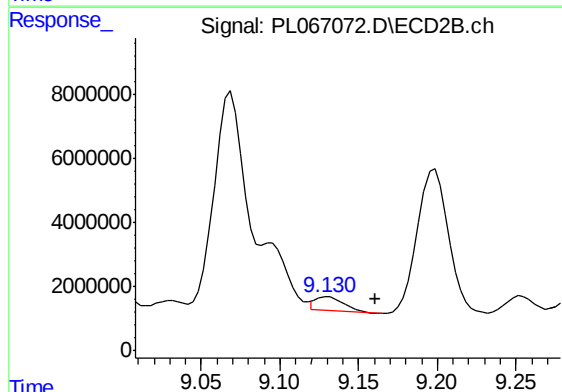
R.T.: 8.923 min  
Delta R.T.: -0.004 min  
Response: 95532444  
Conc: 169.15 ng/ml



#15 Endosulfan II

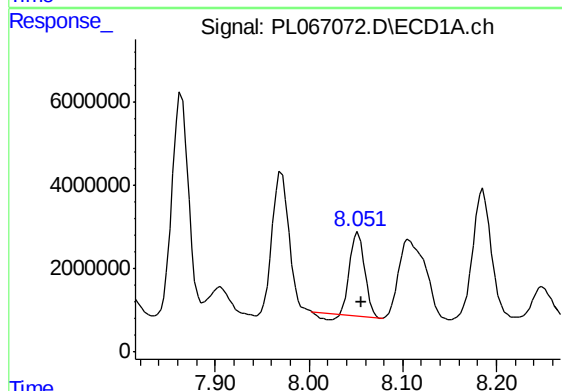
R.T.: 8.186 min  
Delta R.T.: -0.006 min  
Response: 41241912  
Conc: 79.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



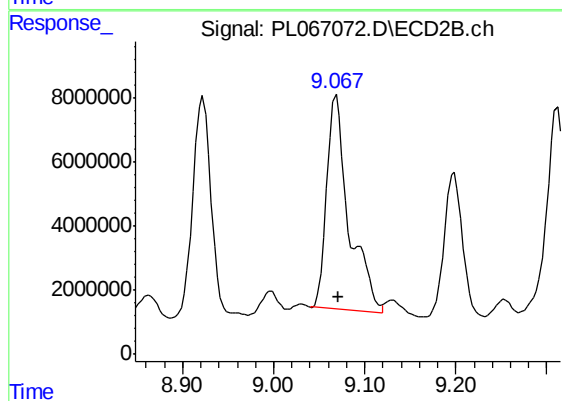
#15 Endosulfan II

R.T.: 9.131 min  
Delta R.T.: -0.030 min  
Response: 5830905  
Conc: 9.45 ng/ml



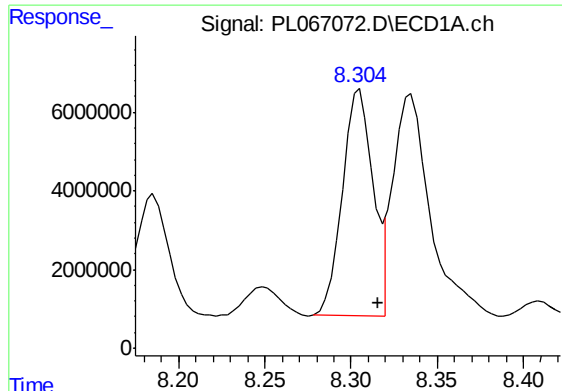
#16 4,4'-DDD

R.T.: 8.053 min  
Delta R.T.: -0.003 min  
Response: 21221115  
Conc: 46.84 ng/ml



#16 4,4'-DDD

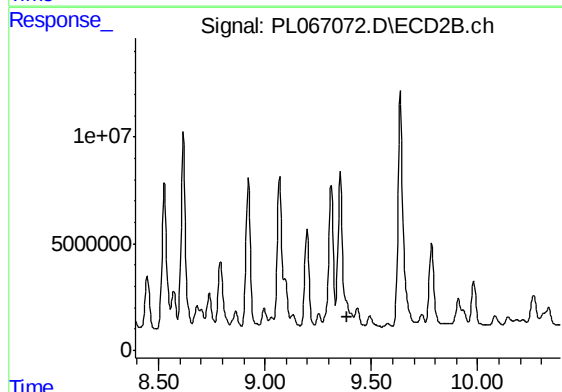
R.T.: 9.069 min  
Delta R.T.: -0.003 min  
Response: 113235680  
Conc: 209.54 ng/ml



#17 4,4'-DDT

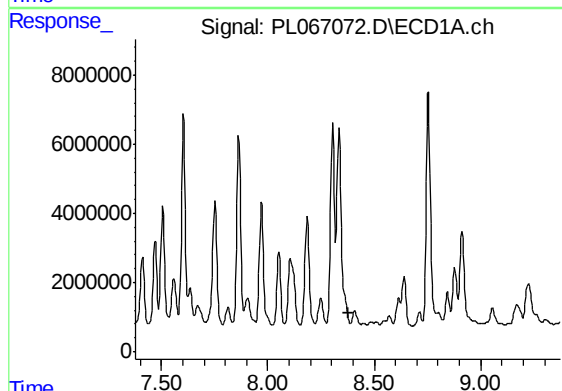
R.T.: 8.305 min  
Delta R.T.: -0.010 min  
Response: 70855911  
Conc: 153.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



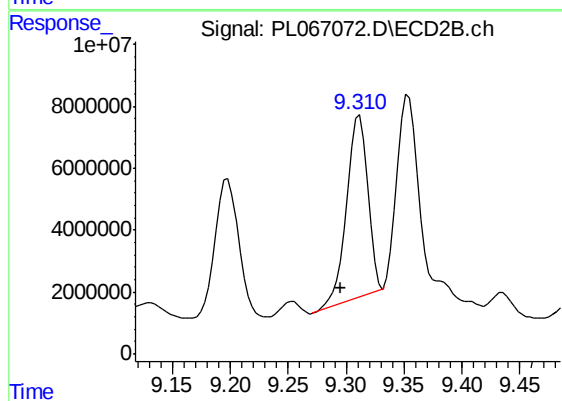
#17 4,4'-DDT

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



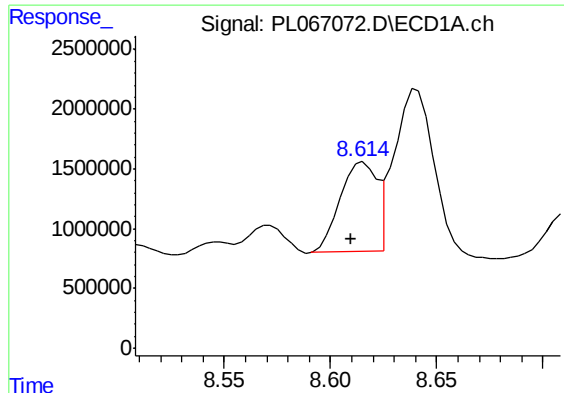
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 8.378 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

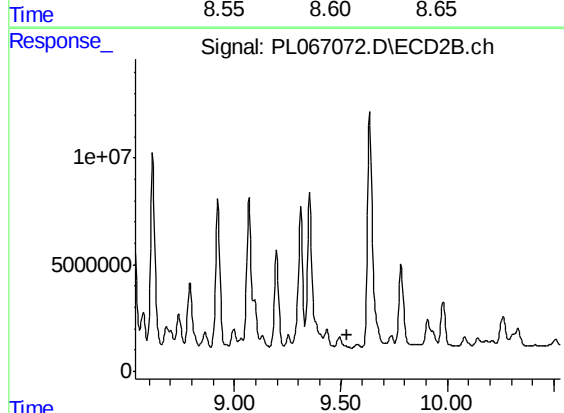
R.T.: 9.312 min  
Delta R.T.: 0.016 min  
Response: 75004331  
Conc: 137.85 ng/ml



#19 Endosulfan Sulfate

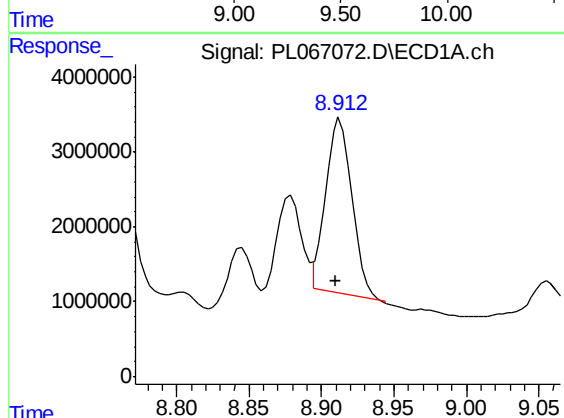
R.T.: 8.615 min  
Delta R.T.: 0.006 min  
Response: 8782288  
Conc: 15.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



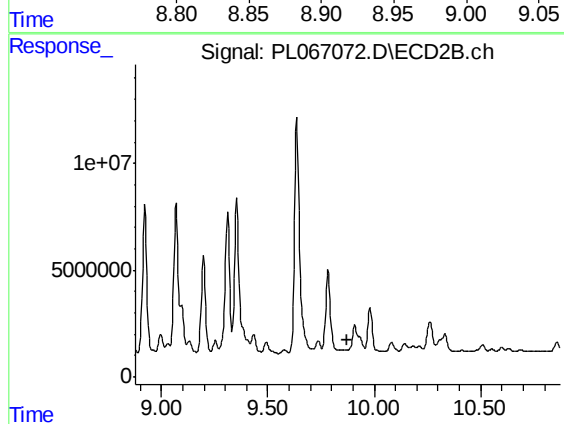
#19 Endosulfan Sulfate

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



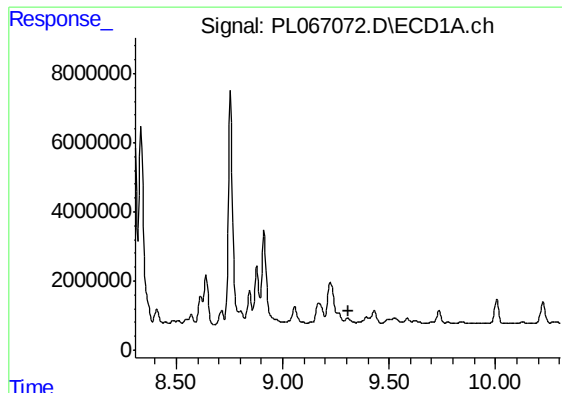
#20 Methoxychlor

R.T.: 8.913 min  
Delta R.T.: 0.003 min  
Response: 29360541  
Conc: 98.49 ng/ml



#20 Methoxychlor

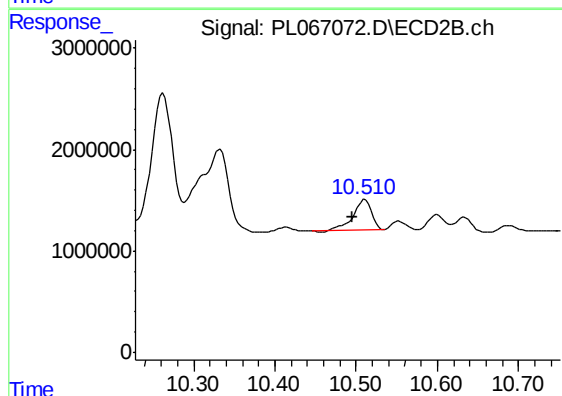
R.T.: 0.000 min  
Exp R.T. : 9.875 min  
Response: 0  
Conc: N.D.



#22 Mirex

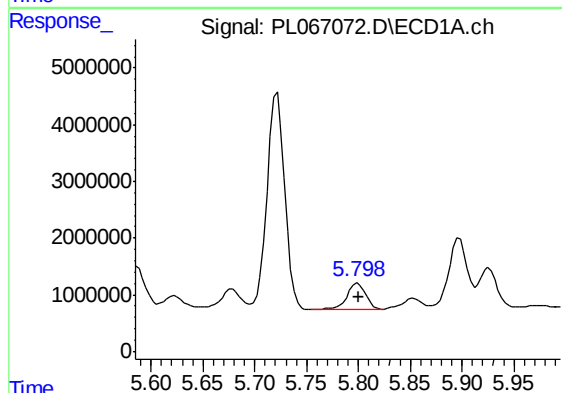
R.T.: 9.305 min  
Delta R.T.: -0.003 min  
Response: -1880541  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



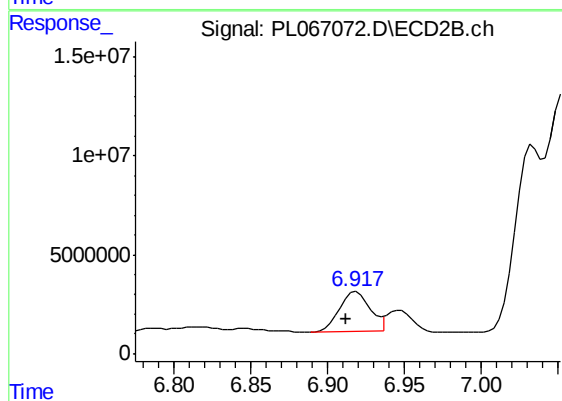
#22 Mirex

R.T.: 10.511 min  
Delta R.T.: 0.015 min  
Response: 4563948  
Conc: 7.09 ng/ml



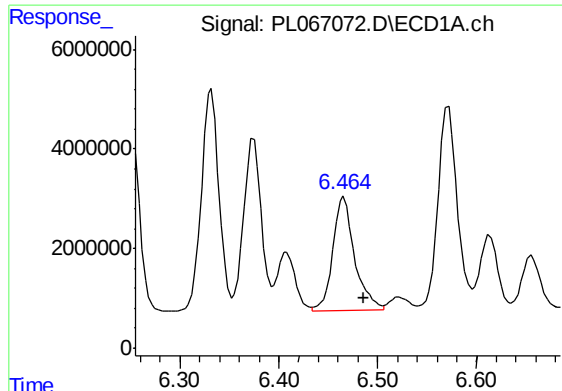
#23 Chlordane-1

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 5835572  
Conc: 382.68 ng/ml



#23 Chlordane-1

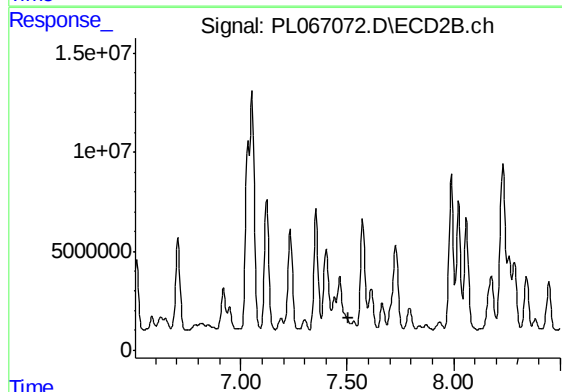
R.T.: 6.919 min  
Delta R.T.: 0.007 min  
Response: 27285300  
Conc: 1331.38 ng/ml



#24 Chlordane-2

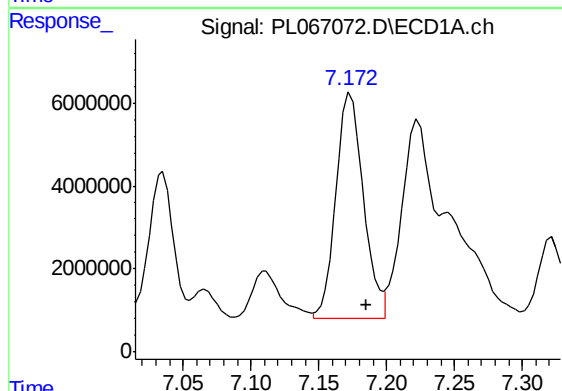
R.T.: 6.466 min  
Delta R.T.: -0.020 min  
Response: 35238809  
Conc: 1612.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



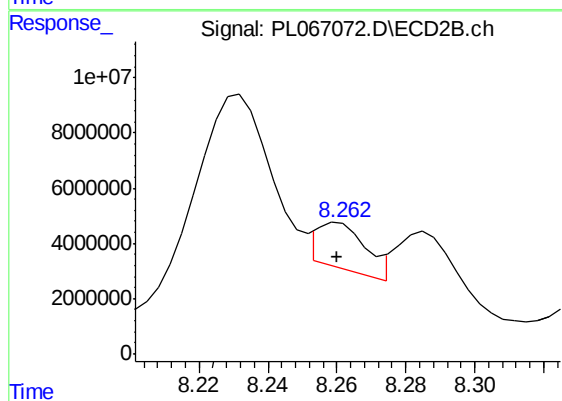
#24 Chlordane-2

R.T.: 7.532 min  
Delta R.T.: 0.029 min  
Response: -3196486  
Conc: N.D.



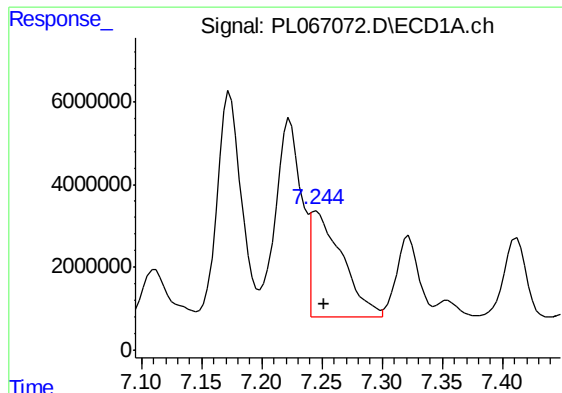
#25 Chlordane-3

R.T.: 7.173 min  
Delta R.T.: -0.011 min  
Response: 75761082  
Conc: 1300.47 ng/ml



#25 Chlordane-3

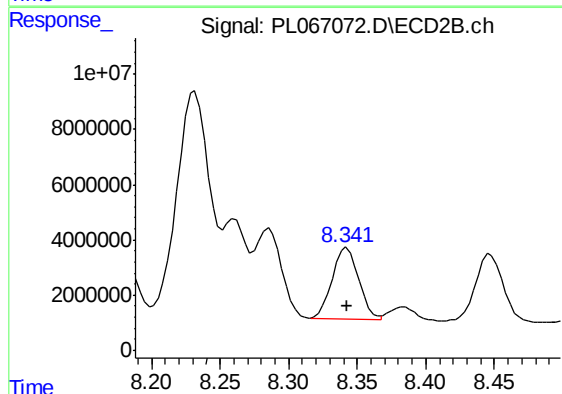
R.T.: 8.260 min  
Delta R.T.: 0.000 min  
Response: 16439368  
Conc: 157.04 ng/ml



#26 Chlordane-4

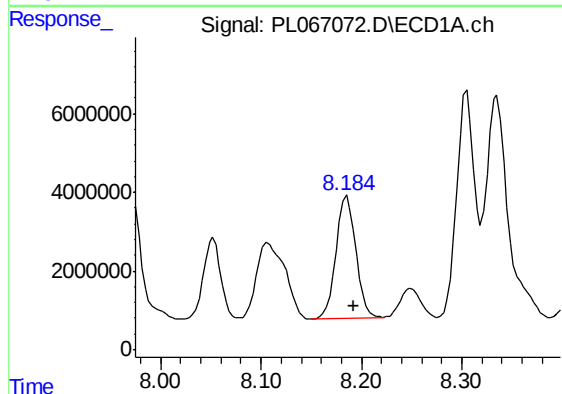
R.T.: 7.245 min  
Delta R.T.: -0.006 min  
Response: 46735498  
Conc: 732.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



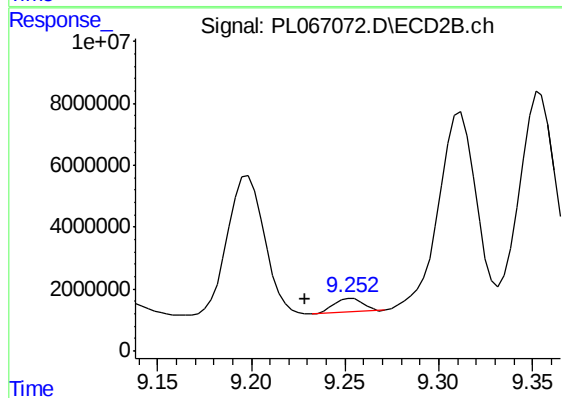
#26 Chlordane-4

R.T.: 8.343 min  
Delta R.T.: 0.000 min  
Response: 34545102  
Conc: 271.02 ng/ml



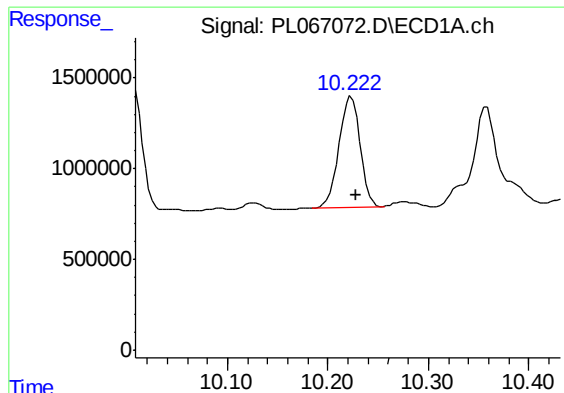
#27 Chlordane-5

R.T.: 8.186 min  
Delta R.T.: -0.006 min  
Response: 41241912  
Conc: 2185.72 ng/ml



#27 Chlordane-5

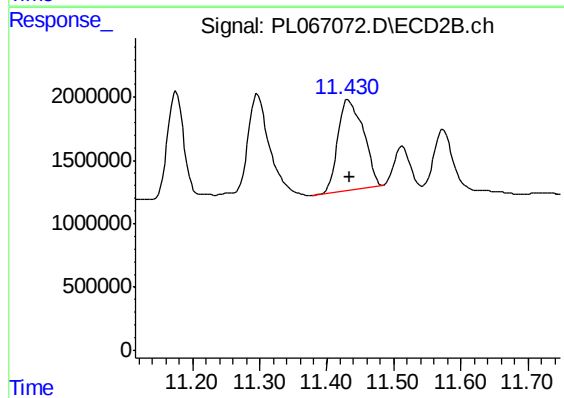
R.T.: 9.254 min  
Delta R.T.: 0.025 min  
Response: 4784592  
Conc: 197.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.223 min  
Delta R.T.: -0.005 min  
Response: 8895825  
Conc: 13.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.432 min  
Delta R.T.: -0.003 min  
Response: 18855630  
Conc: 22.60 ng/ml