

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112818\  
 Data File : PL042568.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Nov 2018 19:55  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 00:13:50 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|----------|
| -----                       |                 |        |       |          |          |         |          |
| System Monitoring Compounds |                 |        |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.467  | 4.102 | 116.2E6  | 61901902 | 19.747  | 21.523   |
| 28)                         | SA Decachlor... | 8.207  | 9.236 | 117.8E6  | 46404413 | 18.691  | 19.240   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.907  | 4.498 | 82019579 | 45015974 | 9.090   | 10.512   |
| 3)                          | MA gamma-BHC... | 4.190  | 4.787 | 75683791 | 42398194 | 9.183   | 10.729   |
| 4)                          | MA Heptachlor   | 4.444f | 0.000 | 35483904 | 0        | 4.078   | N.D. #   |
| 6)                          | B beta-BHC      | 4.444  | 4.956 | 35483904 | 15257579 | 10.016  | 9.671    |
| 10)                         | B gamma-Chl...  | 5.401  | 0.000 | 5035199  | 0        | 0.660   | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.401f | 0.000 | 5035199  | 0        | 0.671   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.624  | 0.000 | 2987502  | 0        | 0.456   | N.D. #   |
| 13)                         | MA Dieldrin     | 0.000  | 6.626 | 0        | 2187077  | N.D.    | 0.657 #  |
| 14)                         | MA Endrin       | 6.013  | 6.839 | 306.9E6  | 130.5E6  | 46.932  | 47.388   |
| 15)                         | B Endosulfa...  | 6.287  | 7.048 | 3436348  | 2535089  | 0.550   | 0.918 #  |
| 16)                         | A 4,4'-DDD      | 6.141  | 6.956 | 28868762 | 16204058 | 5.452   | 6.156    |
| 17)                         | MA 4,4'-DDT     | 6.380  | 7.256 | 510.9E6  | 239.1E6  | 91.776  | 90.533   |
| 18)                         | B Endrin al...  | 6.455  | 7.171 | 7200408  | 2952626  | 1.385   | 1.288    |
| 20)                         | A Methoxychlor  | 6.926  | 7.712 | 678.2E6  | 284.9E6  | 215.055 | 208.935  |
| 21)                         | B Endrin ke...  | 7.157  | 7.869 | 20657241 | 6939428  | 2.983   | 2.511    |
| 23)                         | Chlordane-1     | 4.401  | 0.000 | 4662475  | 0        | 16.864  | N.D. #   |
| 25)                         | Chlordane-3     | 5.401  | 0.000 | 5035199  | 0        | 5.744   | N.D. #   |
| 26)                         | Chlordane-4     | 5.401  | 0.000 | 5035199  | 0        | 6.635   | N.D. #   |
| 27)                         | Chlordane-5     | 6.287  | 7.171 | 3436348  | 2952626  | 11.532  | 30.694 # |
| -----                       |                 |        |       |          |          |         |          |

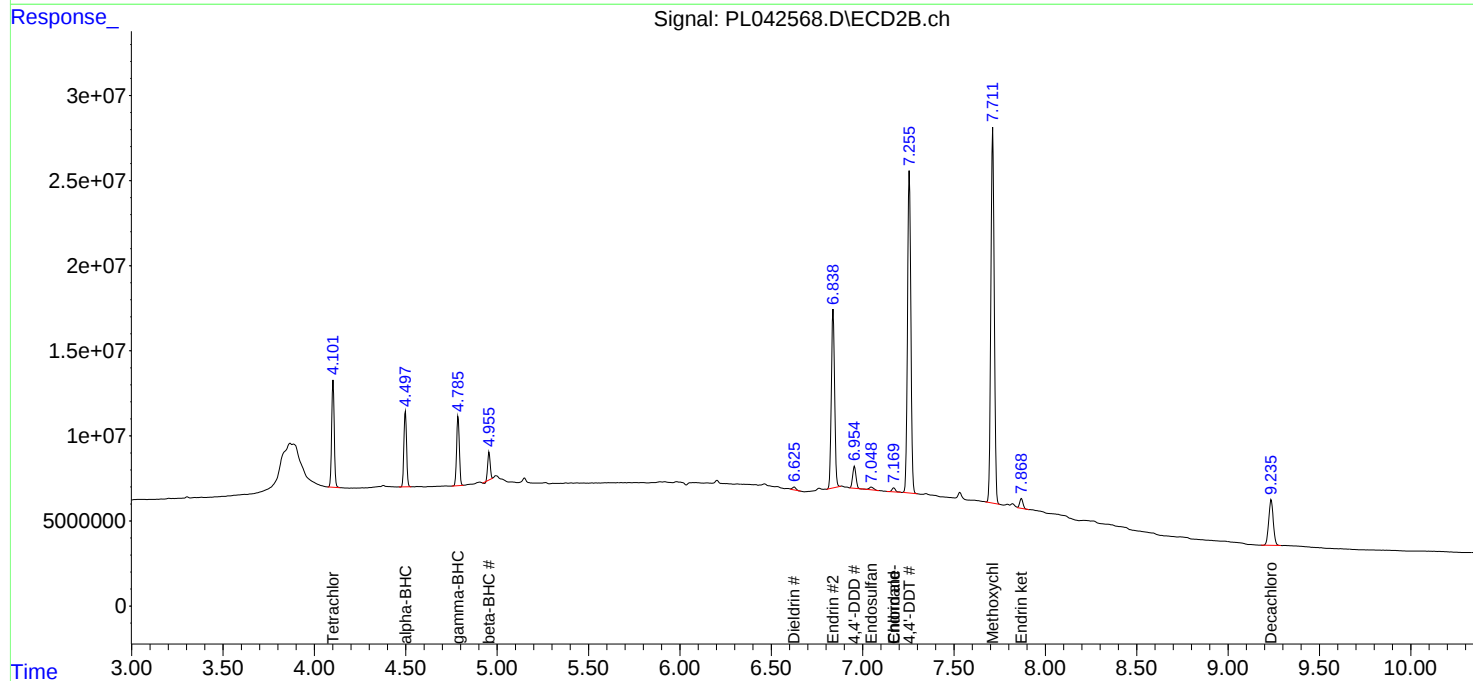
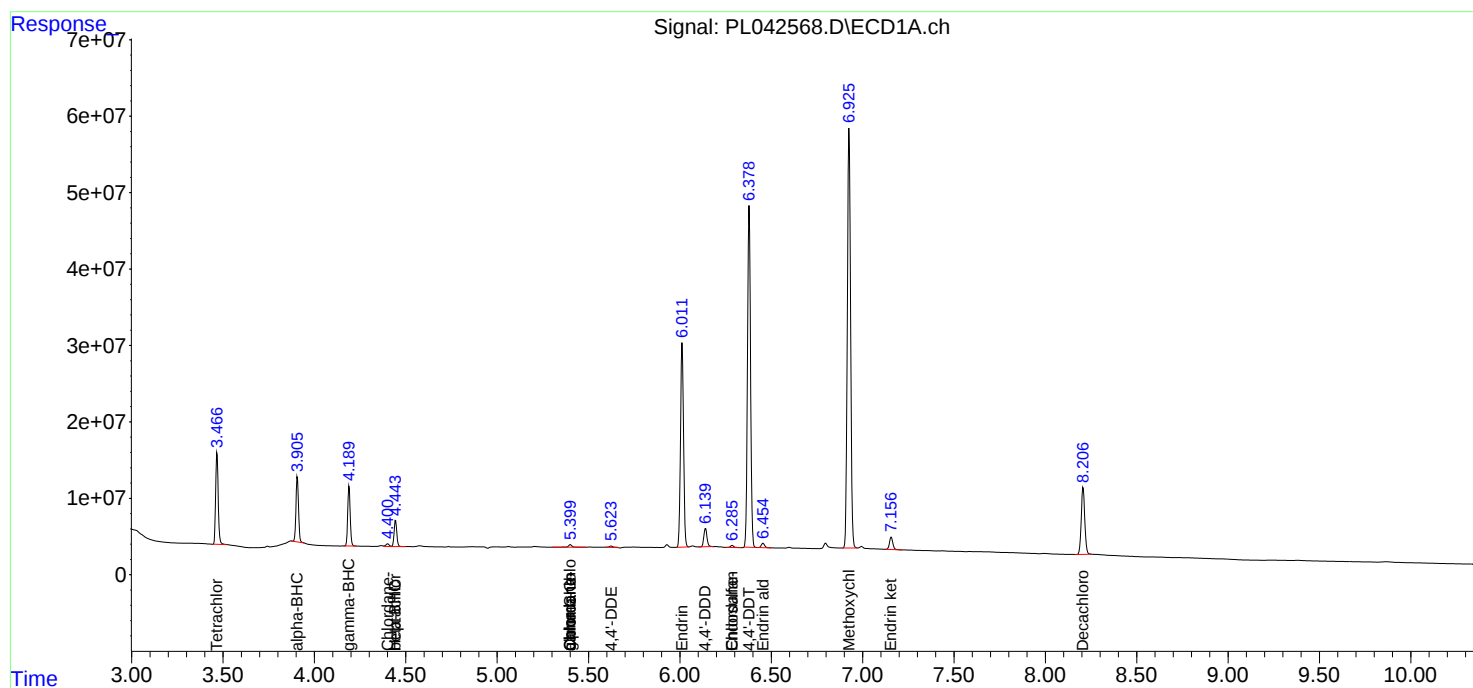
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

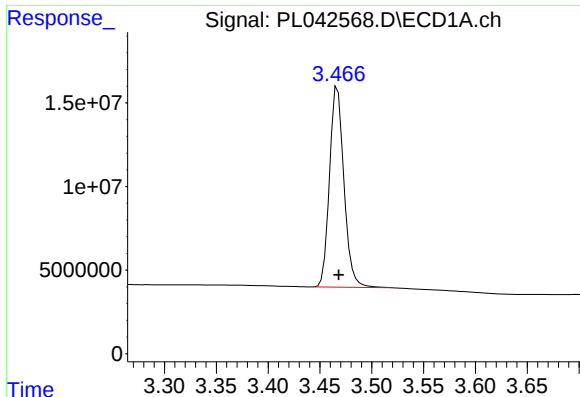
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112818\  
Data File : PL042568.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Nov 2018 19:55  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 00:13:50 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

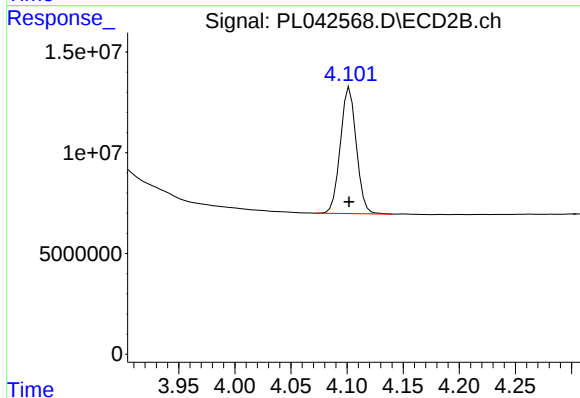




#1 Tetrachloro-m-xylene

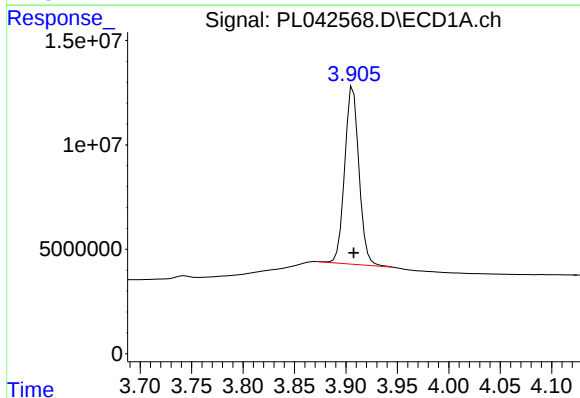
R.T.: 3.467 min  
Delta R.T.: 0.000 min  
Response: 116182512  
Conc: 19.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



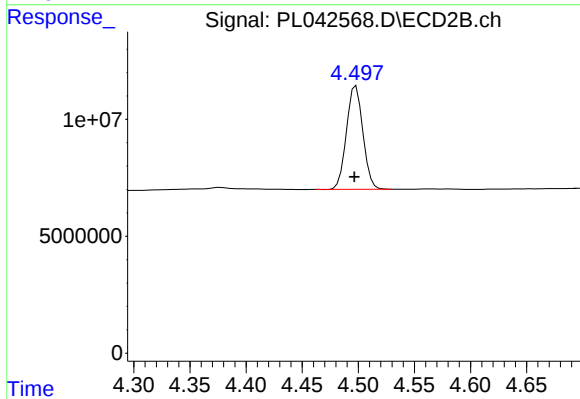
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 61901902  
Conc: 21.52 ng/ml



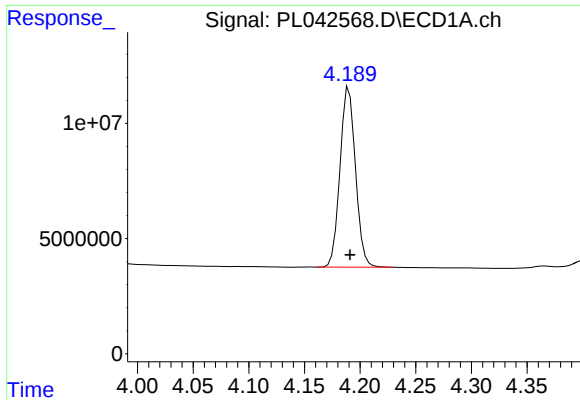
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 82019579  
Conc: 9.09 ng/ml



#2 alpha-BHC

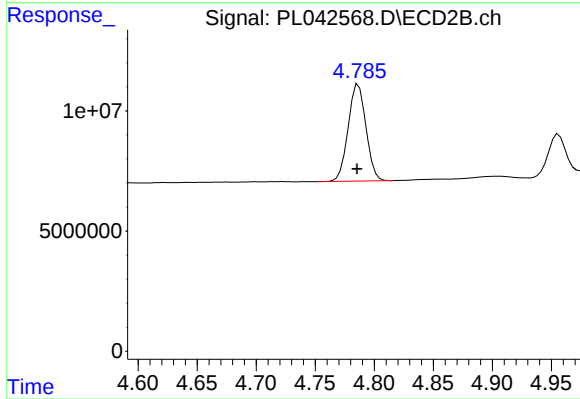
R.T.: 4.498 min  
Delta R.T.: 0.001 min  
Response: 45015974  
Conc: 10.51 ng/ml



#3 gamma-BHC (Lindane)

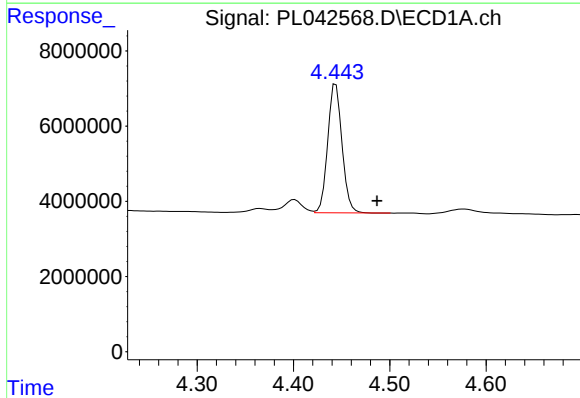
R.T.: 4.190 min  
Delta R.T.: -0.001 min  
Response: 75683791  
Conc: 9.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



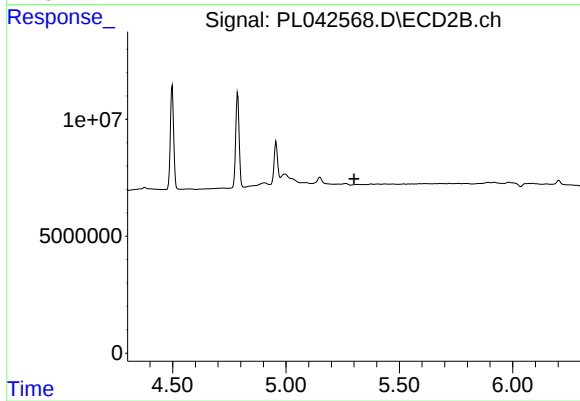
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.001 min  
Response: 42398194  
Conc: 10.73 ng/ml



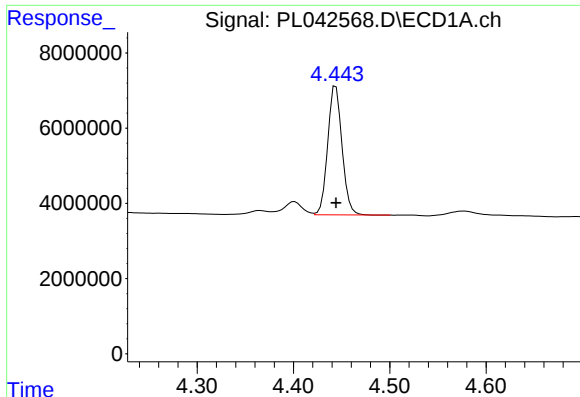
#4 Heptachlor

R.T.: 4.444 min  
Delta R.T.: -0.043 min  
Response: 35483904  
Conc: 4.08 ng/ml



#4 Heptachlor

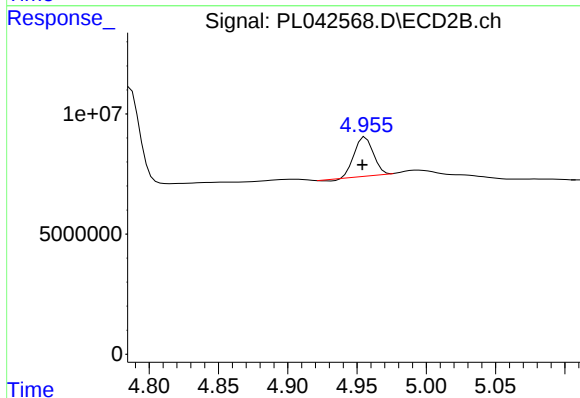
R.T.: 0.000 min  
Exp R.T.: 5.301 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

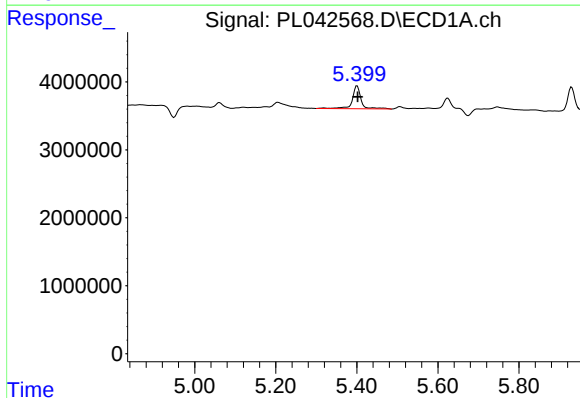
R.T.: 4.444 min  
Delta R.T.: 0.000 min  
Response: 35483904  
Conc: 10.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



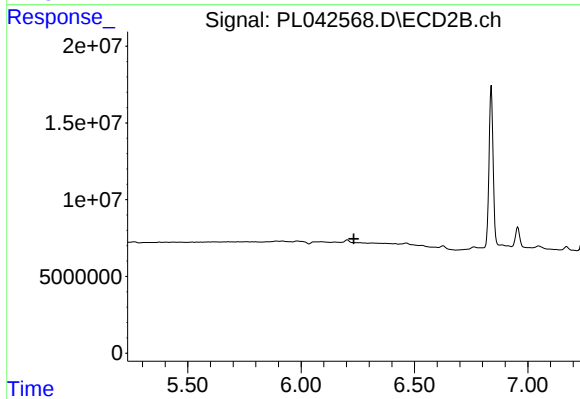
#6 beta-BHC

R.T.: 4.956 min  
Delta R.T.: 0.002 min  
Response: 15257579  
Conc: 9.67 ng/ml



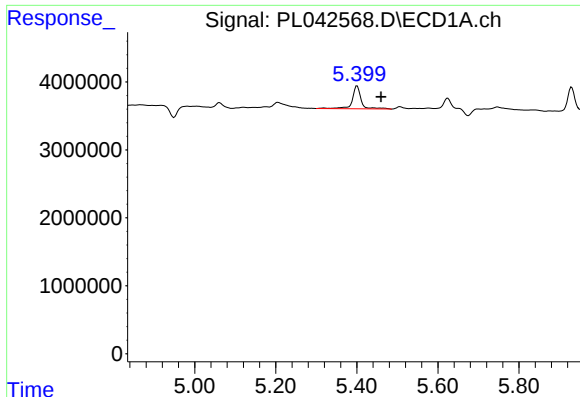
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 5035199  
Conc: 0.66 ng/ml



#10 gamma-Chlordane

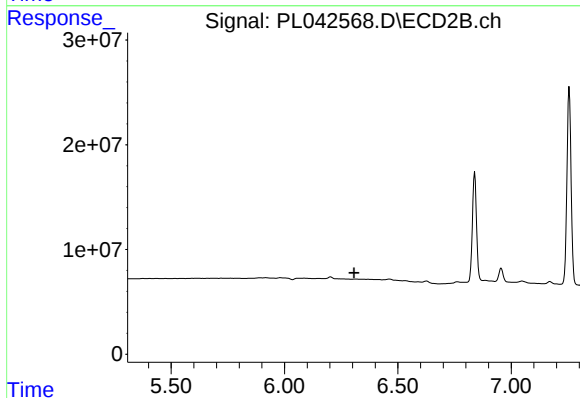
R.T.: 0.000 min  
Exp R.T. : 6.233 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

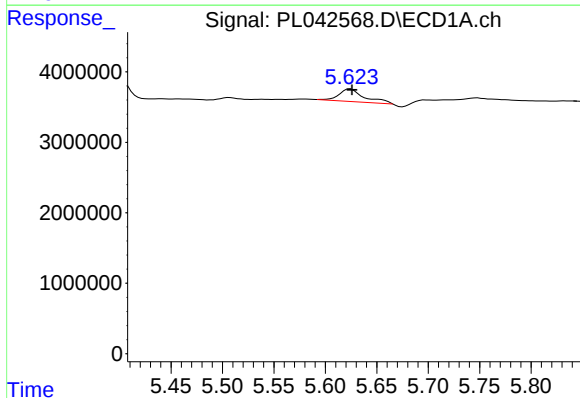
R.T.: 5.401 min  
Delta R.T.: -0.059 min  
Response: 5035199  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



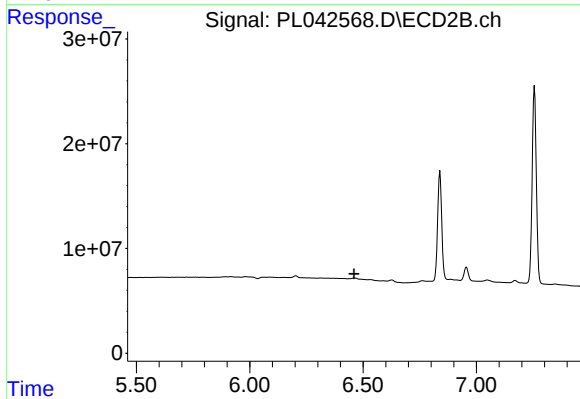
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.307 min  
Response: 0  
Conc: N.D.



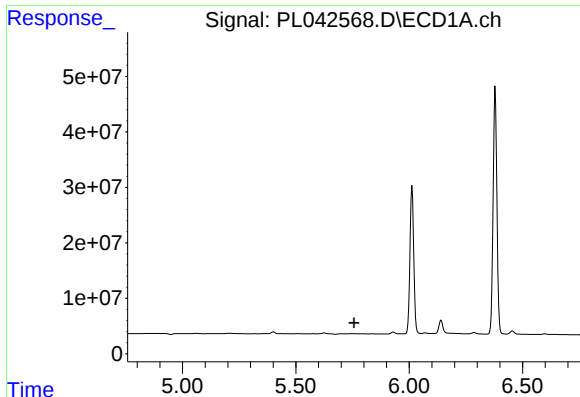
#12 4,4'-DDE

R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 2987502  
Conc: 0.46 ng/ml



#12 4,4'-DDE

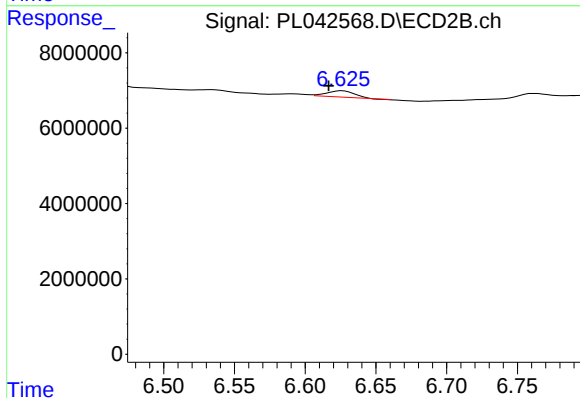
R.T.: 0.000 min  
Exp R.T. : 6.461 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

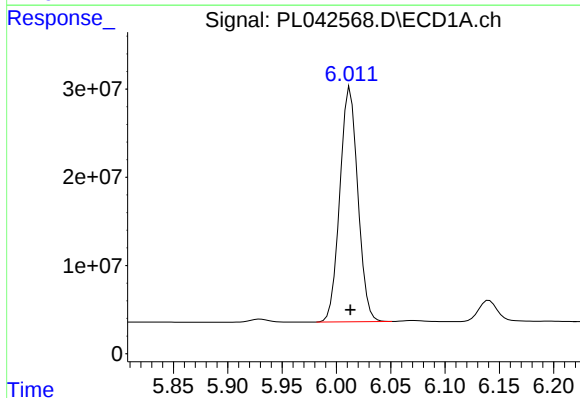
R.T.: 0.000 min  
Exp R.T.: 5.756 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



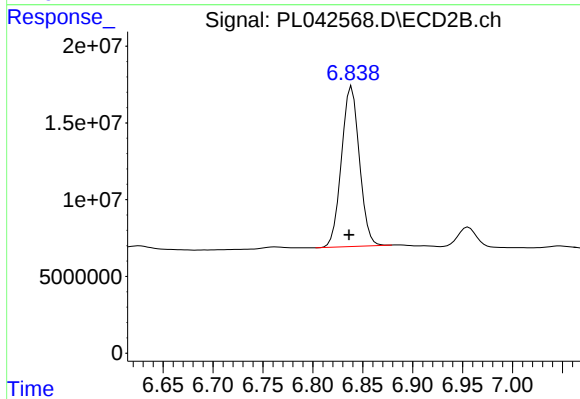
#13 Dieldrin

R.T.: 6.626 min  
Delta R.T.: 0.010 min  
Response: 2187077  
Conc: 0.66 ng/ml



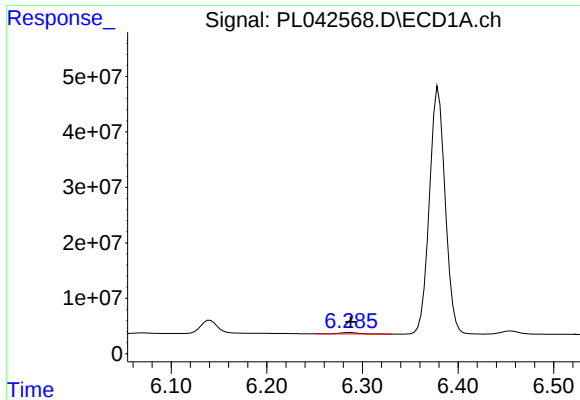
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 306948027  
Conc: 46.93 ng/ml



#14 Endrin

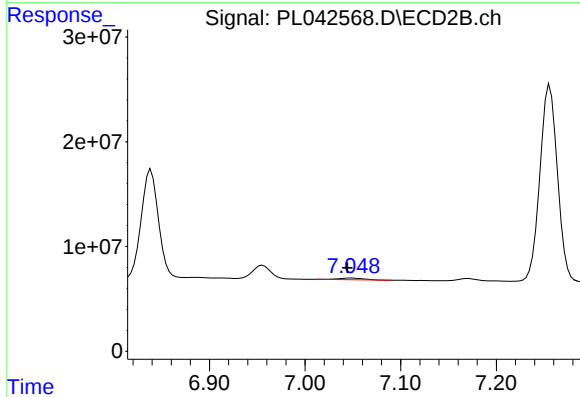
R.T.: 6.839 min  
Delta R.T.: 0.003 min  
Response: 130533049  
Conc: 47.39 ng/ml



#15 Endosulfan II

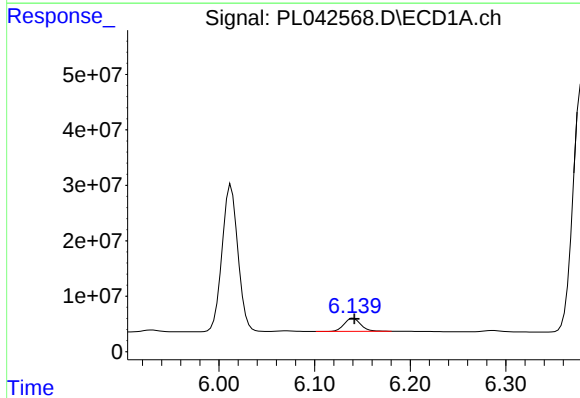
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 3436348  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



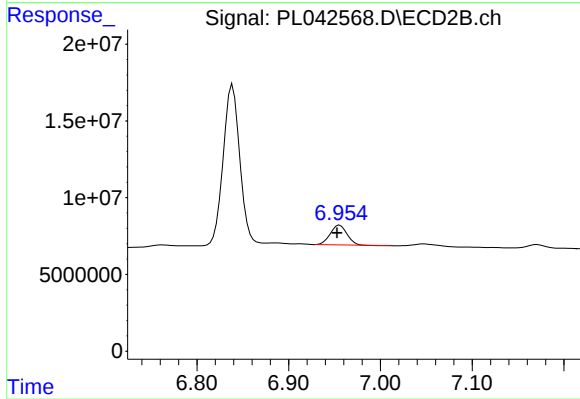
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.004 min  
Response: 2535089  
Conc: 0.92 ng/ml



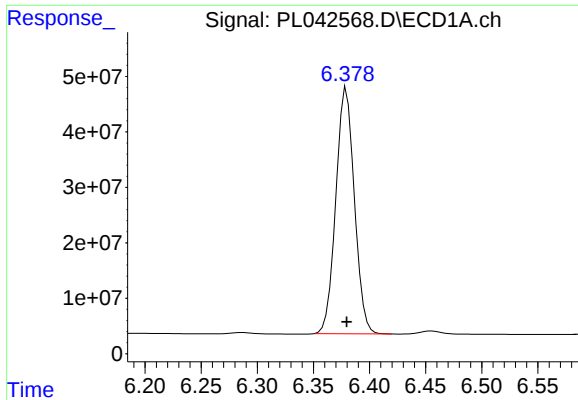
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: -0.001 min  
Response: 28868762  
Conc: 5.45 ng/ml



#16 4,4'-DDD

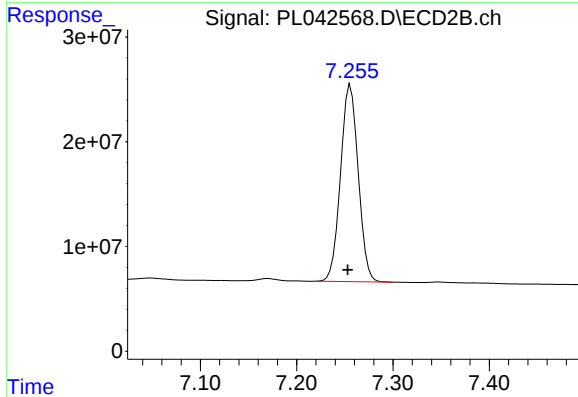
R.T.: 6.956 min  
Delta R.T.: 0.003 min  
Response: 16204058  
Conc: 6.16 ng/ml



#17 4,4'-DDT

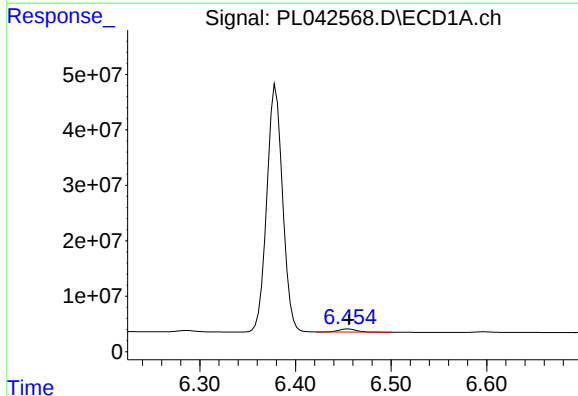
R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 510904504  
Conc: 91.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



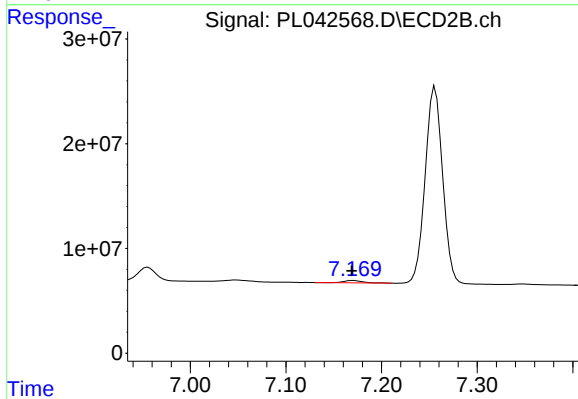
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: 0.003 min  
Response: 239059588  
Conc: 90.53 ng/ml



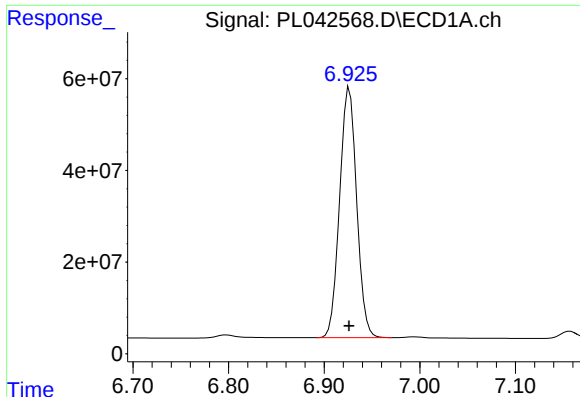
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 7200408  
Conc: 1.39 ng/ml



#18 Endrin aldehyde

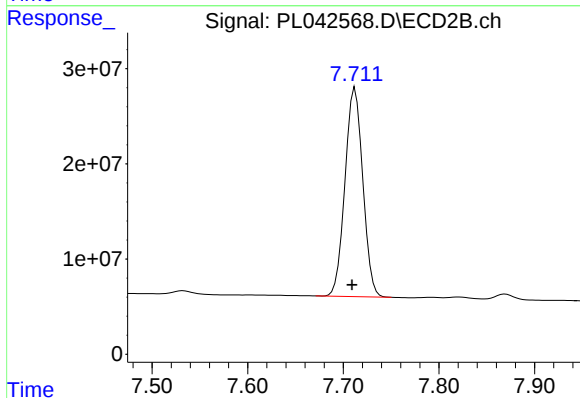
R.T.: 7.171 min  
Delta R.T.: 0.002 min  
Response: 2952626  
Conc: 1.29 ng/ml



#20 Methoxychlor

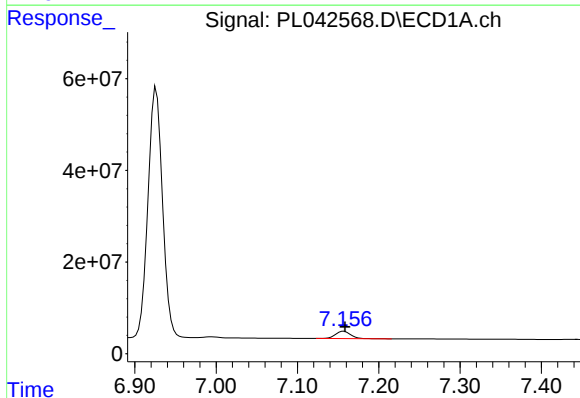
R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 678247909  
Conc: 215.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



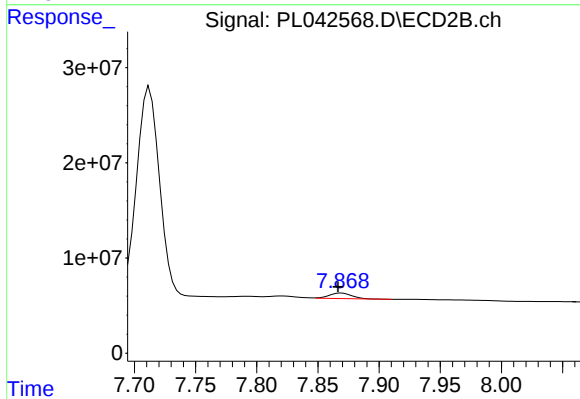
#20 Methoxychlor

R.T.: 7.712 min  
Delta R.T.: 0.003 min  
Response: 284870626  
Conc: 208.94 ng/ml



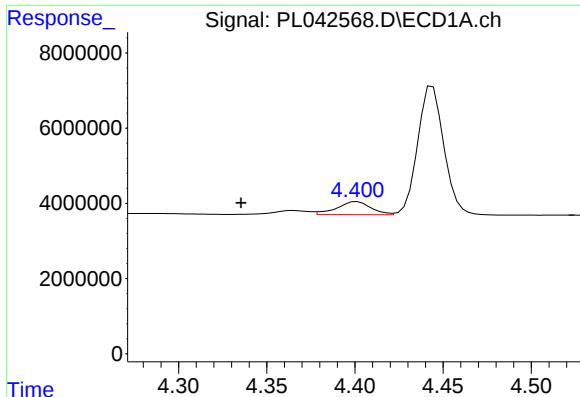
#21 Endrin ketone

R.T.: 7.157 min  
Delta R.T.: -0.001 min  
Response: 20657241  
Conc: 2.98 ng/ml



#21 Endrin ketone

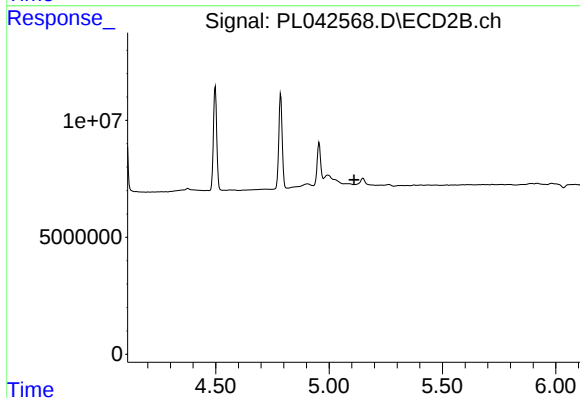
R.T.: 7.869 min  
Delta R.T.: 0.003 min  
Response: 6939428  
Conc: 2.51 ng/ml



#23 Chlordane-1

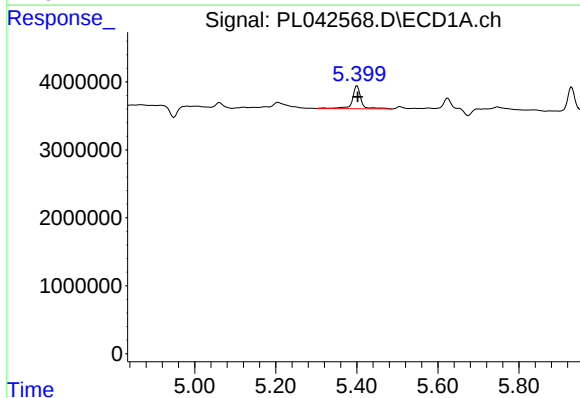
R.T.: 4.401 min  
Delta R.T.: 0.066 min  
Response: 4662475  
Conc: 16.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



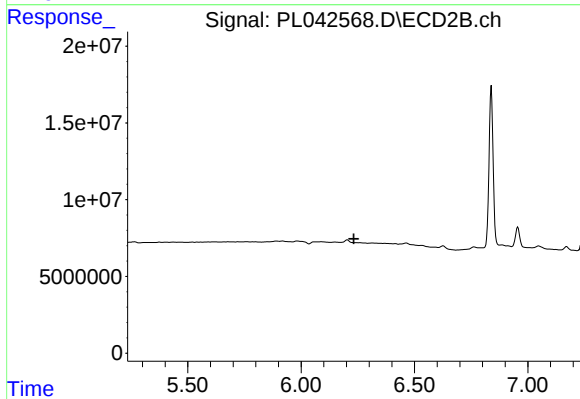
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.111 min  
Response: 0  
Conc: N.D.



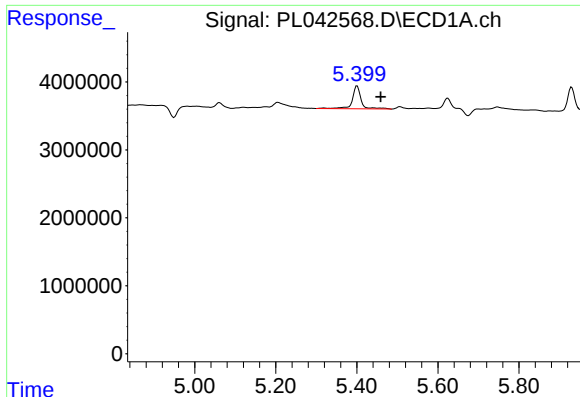
#25 Chlordane-3

R.T.: 5.401 min  
Delta R.T.: -0.002 min  
Response: 5035199  
Conc: 5.74 ng/ml



#25 Chlordane-3

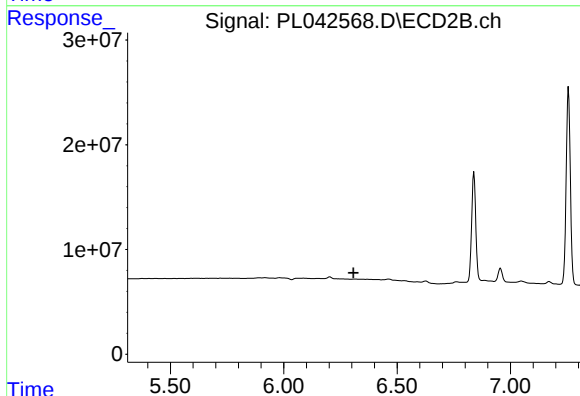
R.T.: 0.000 min  
Exp R.T. : 6.233 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

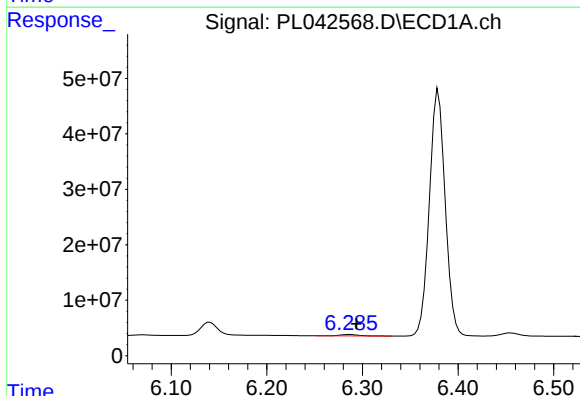
R.T.: 5.401 min  
Delta R.T.: -0.058 min  
Response: 5035199  
Conc: 6.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



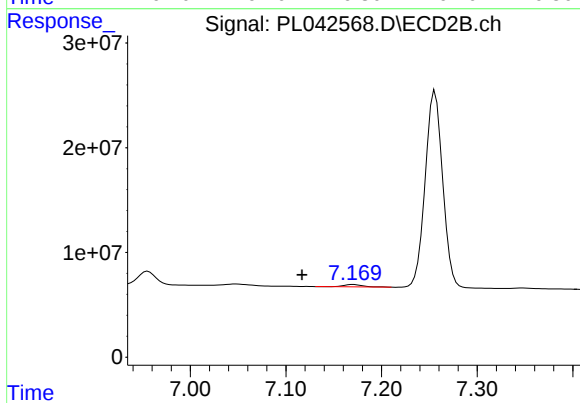
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.308 min  
Response: 0  
Conc: N.D.



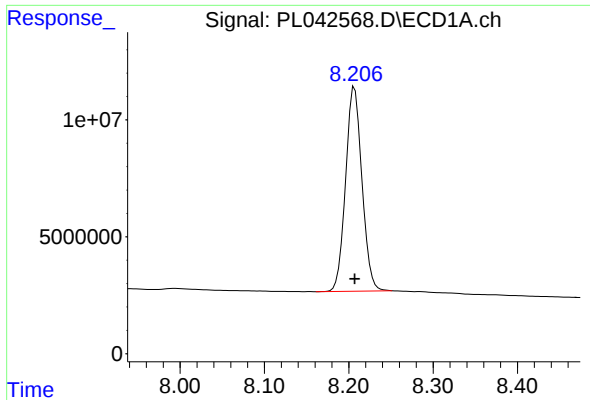
#27 Chlordane-5

R.T.: 6.287 min  
Delta R.T.: -0.007 min  
Response: 3436348  
Conc: 11.53 ng/ml



#27 Chlordane-5

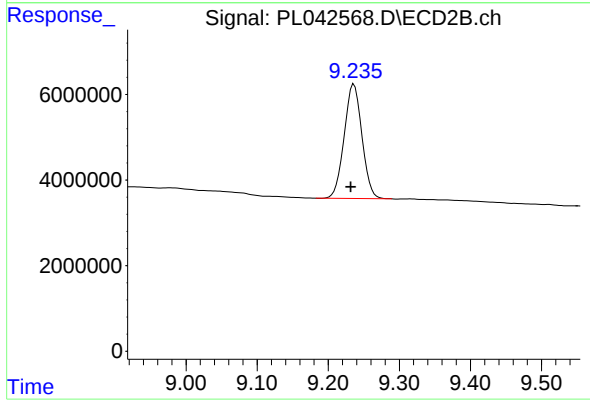
R.T.: 7.171 min  
Delta R.T.: 0.054 min  
Response: 2952626  
Conc: 30.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 117796059  
Conc: 18.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.236 min  
Delta R.T.: 0.005 min  
Response: 46404413  
Conc: 19.24 ng/ml