

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041221\  
 Data File : PL066051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2021 22:57  
 Operator : AR\AJ  
 Sample : M1996-02  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 13 01:38:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040921.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 10 02:10:31 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... | 3.448  | 4.155  | 19739623 | 26197665 | 8.128  | 9.504    |
| 28)                         | SA Decachlor... | 8.173  | 9.355  | 34847626 | 40946141 | 16.154 | 21.602 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.463  | 5.369  | 4539927  | 4636751  | 1.226  | 1.346    |
| 5)                          | MB Aldrin       | 0.000  | 5.651f | 0        | 2627006  | N.D.   | 0.868 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.248  | 0        | 1908635  | N.D.   | 0.570 #  |
| 8)                          | B Heptachlo...  | 0.000  | 6.062  | 0        | 4123756  | N.D.   | 1.452 #  |
| 10)                         | B gamma-Chl...  | 5.373  | 6.312  | 6738059  | 17154346 | 2.049  | 6.187 #  |
| 11)                         | B alpha-Chl...  | 5.430  | 6.386  | 16058397 | 40832680 | 4.947  | 14.897 # |
| 12)                         | B 4,4'-DDE      | 5.595  | 6.541  | 5578814  | 9902346  | 1.827  | 3.975 #  |
| 13)                         | MA Dieldrin     | 5.717  | 6.680f | 5562545  | 973380   | 1.667  | 0.380 #  |
| 14)                         | MA Endrin       | 5.980  | 6.907  | 4207817  | 1669348  | 1.428  | 0.891 #  |
| 15)                         | B Endosulfa...  | 6.255  | 0.000  | 9733481  | 0        | 3.305  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.106  | 7.043  | 1356553  | 5942971  | 0.475  | 2.851 #  |
| 17)                         | MA 4,4'-DDT     | 6.343  | 7.341  | 20699074 | 13657152 | 7.342  | 7.206    |
| 18)                         | B Endrin al...  | 6.386f | 0.000  | 2713739  | 0        | 1.172  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.628  | 0.000  | 1235434  | 0        | 0.402  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.871f | 7.798  | 3682985  | 455369   | 2.350  | 0.452 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.976  | 0        | 1229534  | N.D.   | 0.545 #  |
| 22)                         | Mirex           | 0.000  | 8.432  | 0        | 3494269  | N.D.   | 2.074 #  |
| 23)                         | Chlordane-1     | 4.313  | 5.176  | 3526409  | 3299068  | 33.693 | 30.023   |
| 24)                         | Chlordane-2     | 4.814  | 5.651  | 7455224  | 2627006  | 61.428 | 23.506 # |
| 25)                         | Chlordane-3     | 5.373  | 6.312  | 6738059  | 17154346 | 20.587 | 43.586 # |
| 26)                         | Chlordane-4     | 5.430  | 6.386  | 16058397 | 40832680 | 58.648 | 85.569 # |
| 27)                         | Chlordane-5     | 6.255  | 7.209  | 9733481  | 4983458  | 76.498 | 61.007   |
| -----                       |                 |        |        |          |          |        |          |

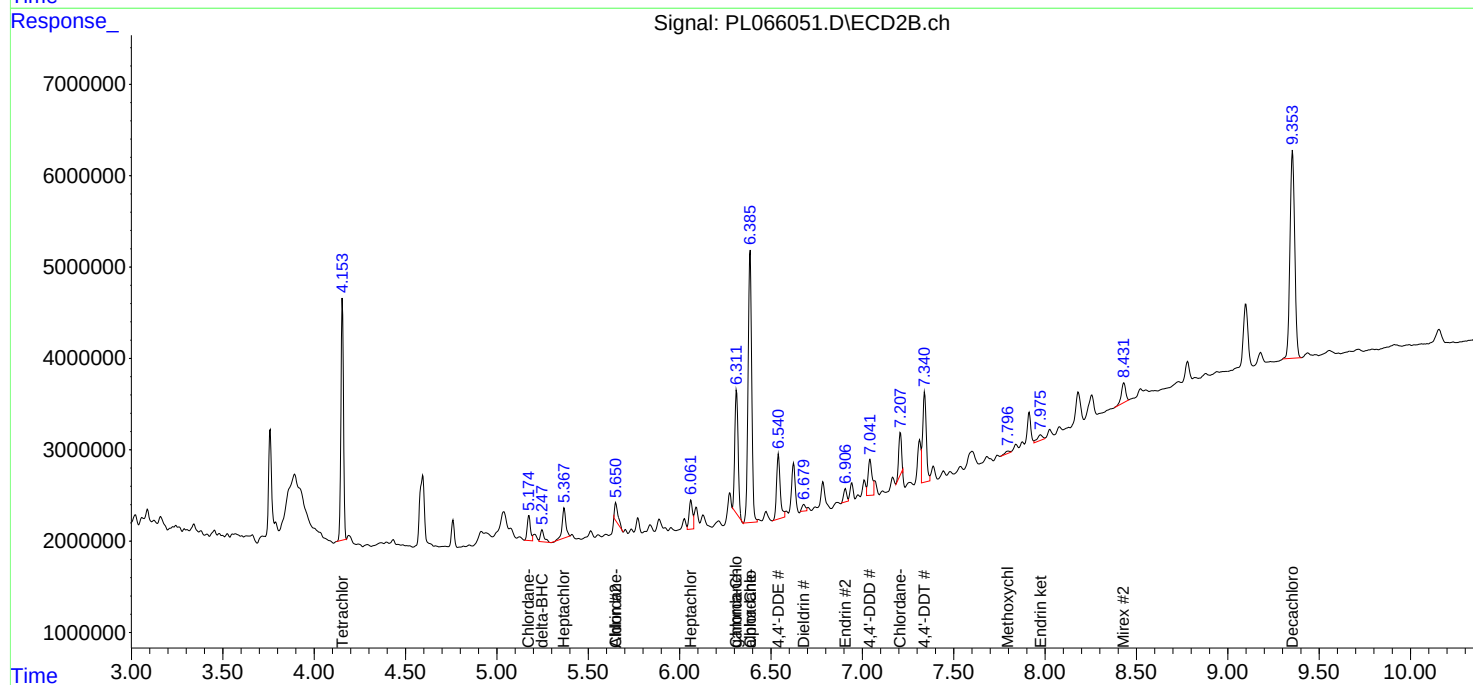
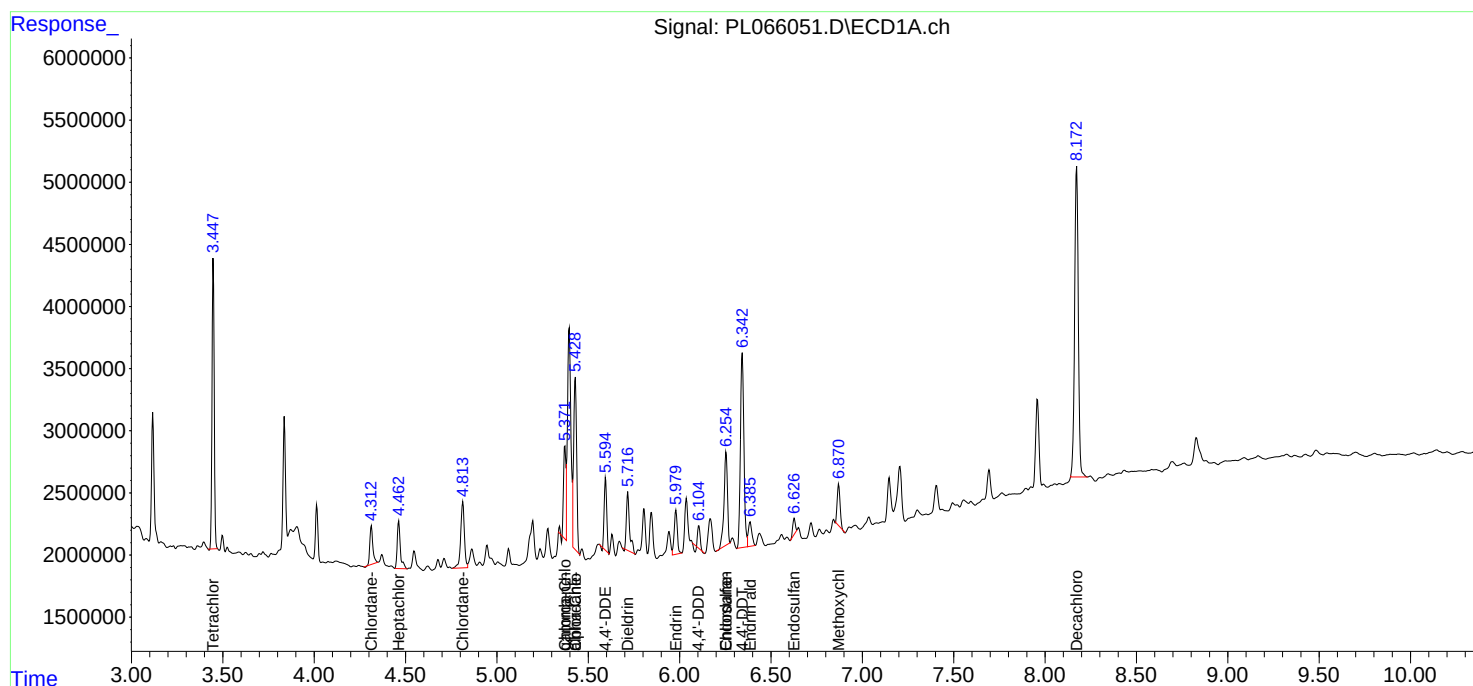
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

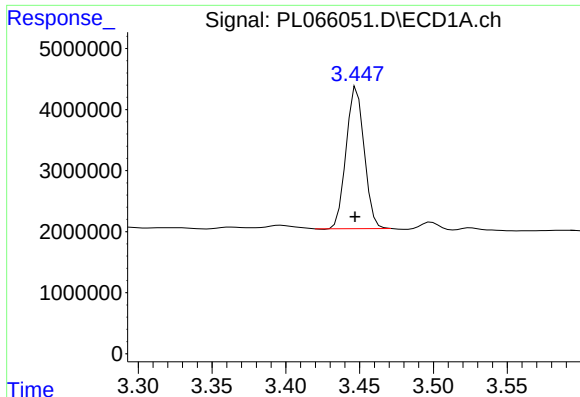
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041221\  
Data File : PL066051.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2021 22:57  
Operator : AR\AJ  
Sample : M1996-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 01:38:05 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040921.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 10 02:10:31 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

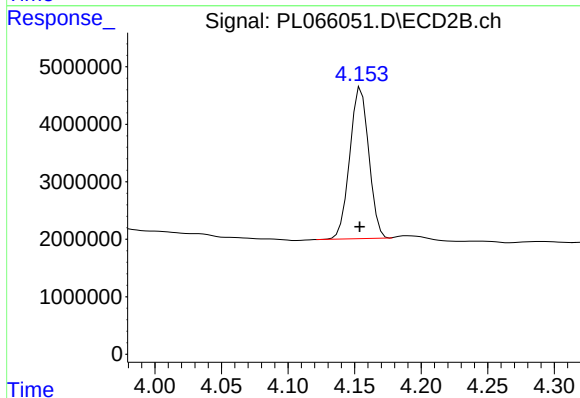




#1 Tetrachloro-m-xylene

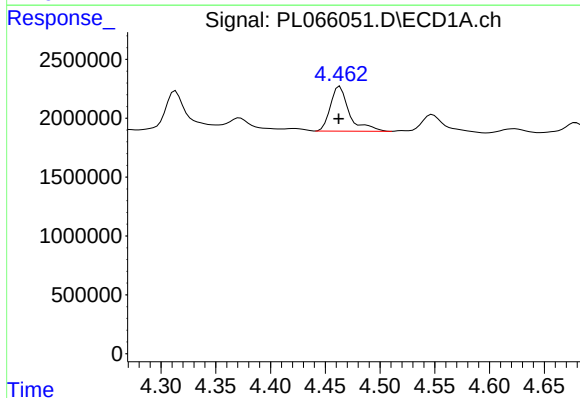
R.T.: 3.448 min  
Delta R.T.: 0.001 min  
Response: 19739623  
Conc: 8.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



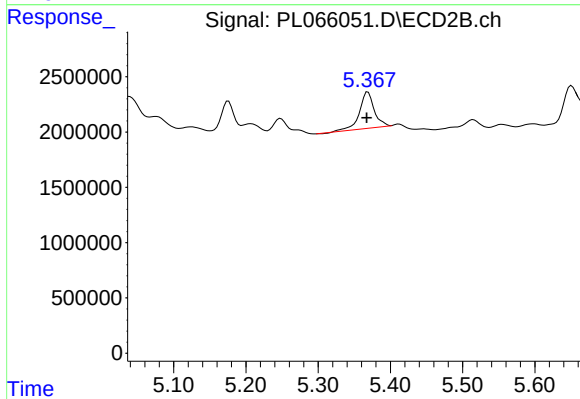
#1 Tetrachloro-m-xylene

R.T.: 4.155 min  
Delta R.T.: 0.001 min  
Response: 26197665  
Conc: 9.50 ng/ml



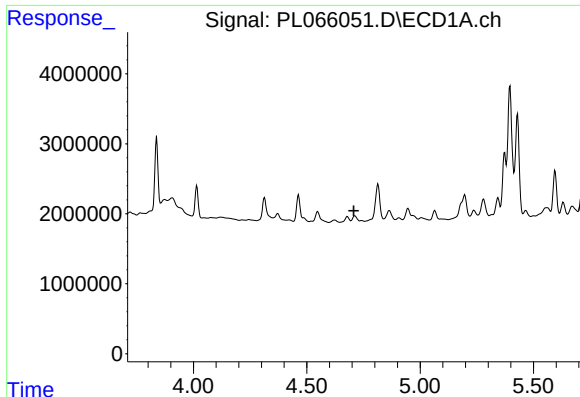
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: 0.001 min  
Response: 4539927  
Conc: 1.23 ng/ml



#4 Heptachlor

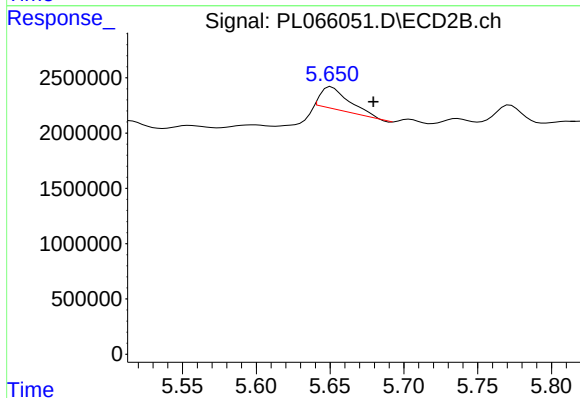
R.T.: 5.369 min  
Delta R.T.: 0.002 min  
Response: 4636751  
Conc: 1.35 ng/ml



#5 Aldrin

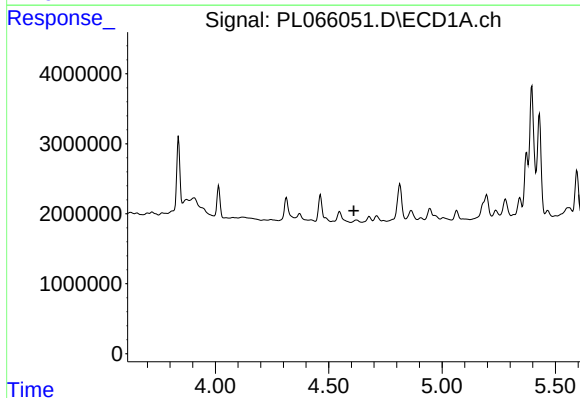
R.T.: 0.000 min  
Exp R.T.: 4.707 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



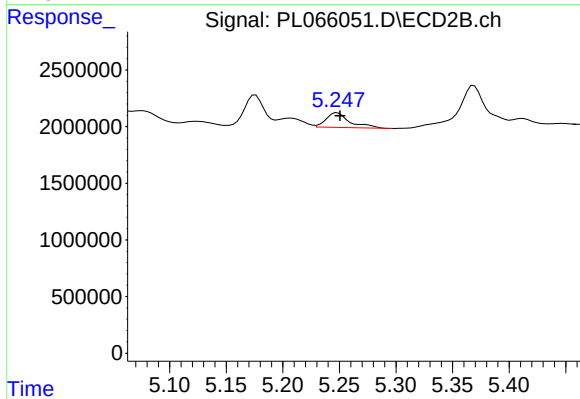
#5 Aldrin

R.T.: 5.651 min  
Delta R.T.: -0.028 min  
Response: 2627006  
Conc: 0.87 ng/ml



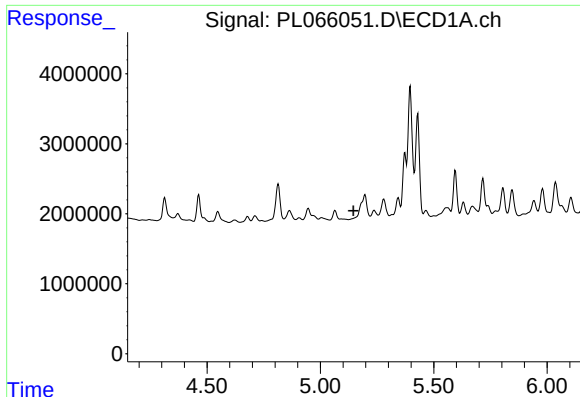
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.611 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

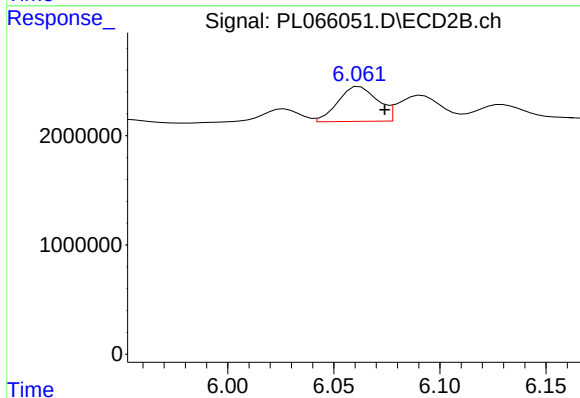
R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 1908635  
Conc: 0.57 ng/ml



#8 Heptachlor epoxide

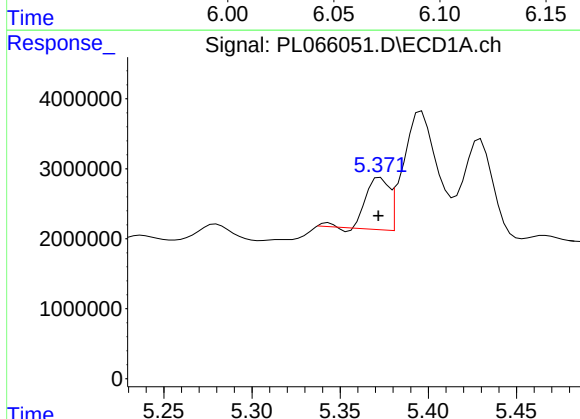
R.T.: 0.000 min  
Exp R.T.: 5.146 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



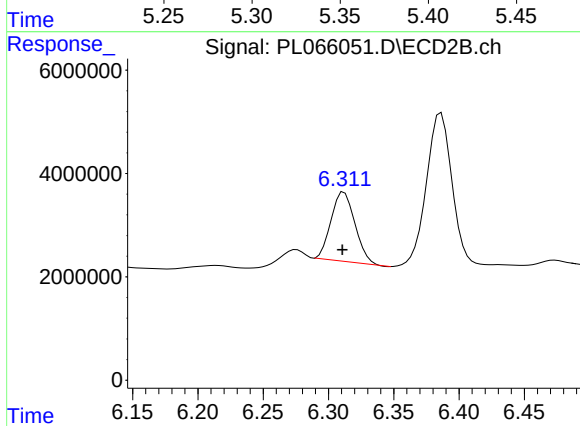
#8 Heptachlor epoxide

R.T.: 6.062 min  
Delta R.T.: -0.012 min  
Response: 4123756  
Conc: 1.45 ng/ml



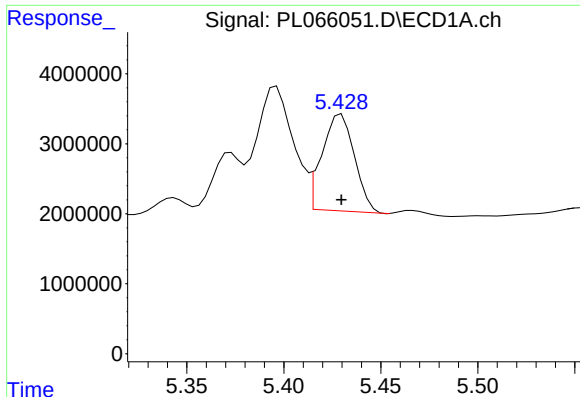
#10 gamma-Chlordane

R.T.: 5.373 min  
Delta R.T.: 0.001 min  
Response: 6738059  
Conc: 2.05 ng/ml



#10 gamma-Chlordane

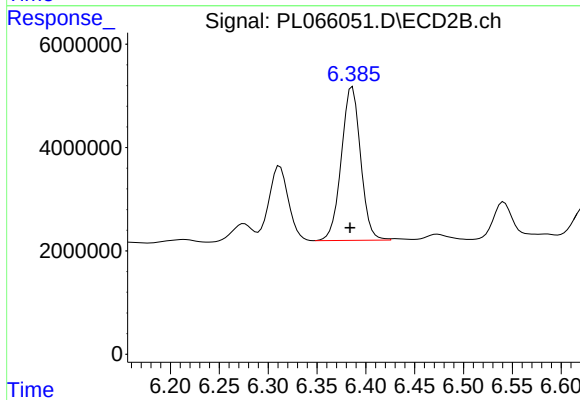
R.T.: 6.312 min  
Delta R.T.: 0.001 min  
Response: 17154346  
Conc: 6.19 ng/ml



#11 alpha-Chlordane

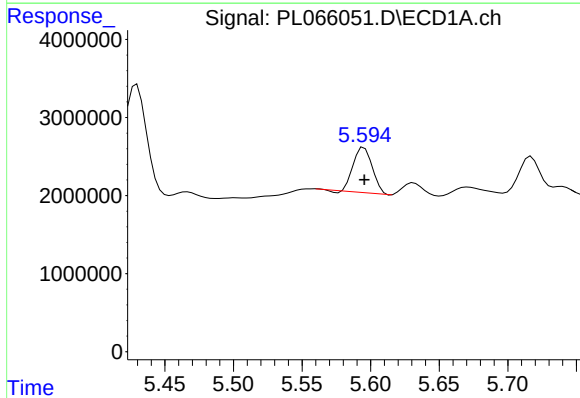
R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 16058397  
Conc: 4.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



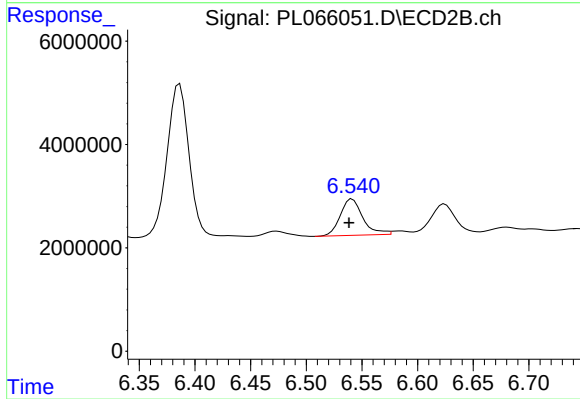
#11 alpha-Chlordane

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 40832680  
Conc: 14.90 ng/ml



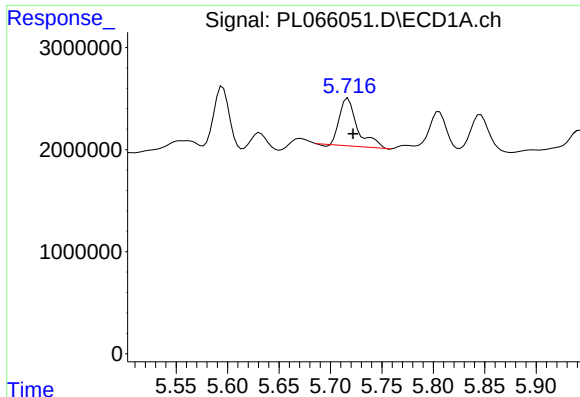
#12 4,4'-DDE

R.T.: 5.595 min  
Delta R.T.: 0.000 min  
Response: 5578814  
Conc: 1.83 ng/ml



#12 4,4'-DDE

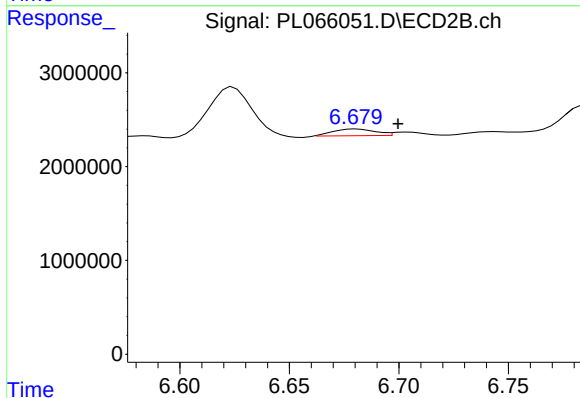
R.T.: 6.541 min  
Delta R.T.: 0.003 min  
Response: 9902346  
Conc: 3.98 ng/ml



#13 Dieldrin

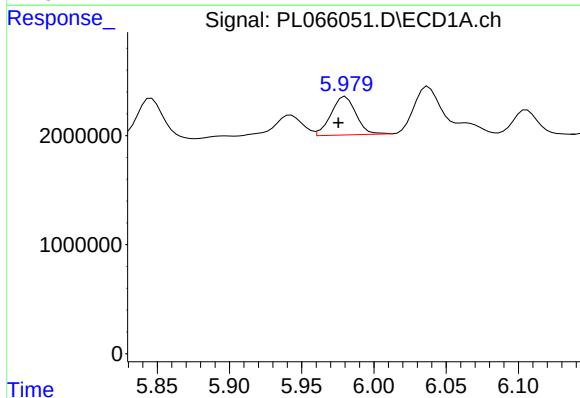
R.T.: 5.717 min  
Delta R.T.: -0.005 min  
Response: 5562545  
Conc: 1.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



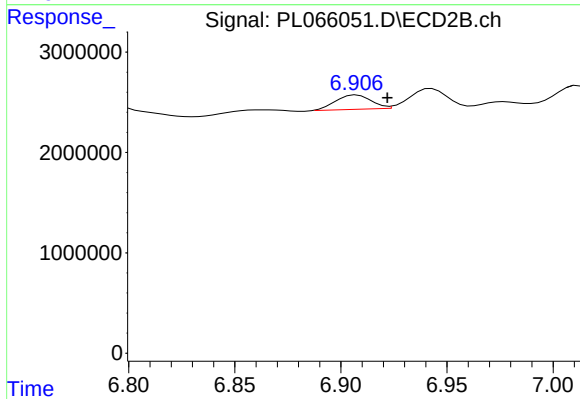
#13 Dieldrin

R.T.: 6.680 min  
Delta R.T.: -0.019 min  
Response: 973380  
Conc: 0.38 ng/ml



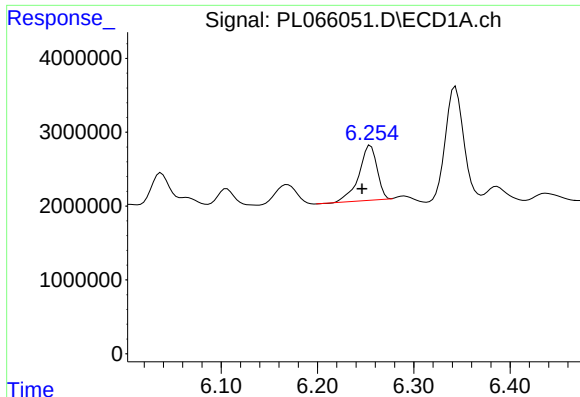
#14 Endrin

R.T.: 5.980 min  
Delta R.T.: 0.005 min  
Response: 4207817  
Conc: 1.43 ng/ml



#14 Endrin

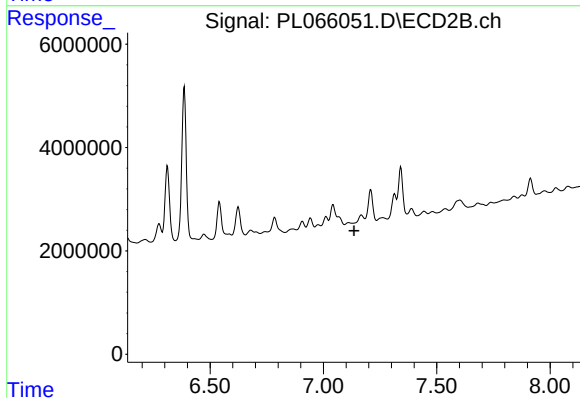
R.T.: 6.907 min  
Delta R.T.: -0.015 min  
Response: 1669348  
Conc: 0.89 ng/ml



#15 Endosulfan II

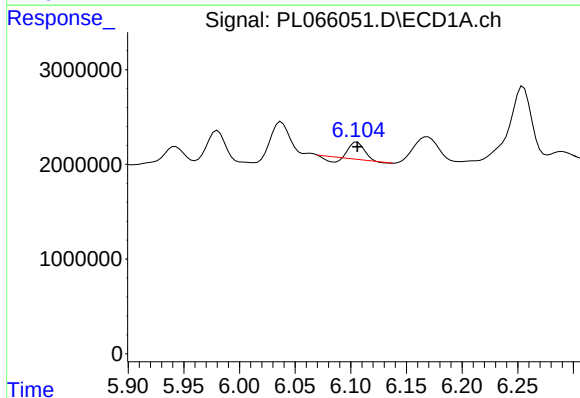
R.T.: 6.255 min  
Delta R.T.: 0.009 min  
Response: 9733481  
Conc: 3.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



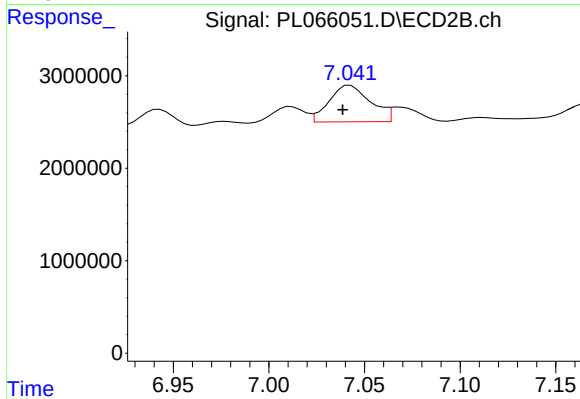
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 7.136 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

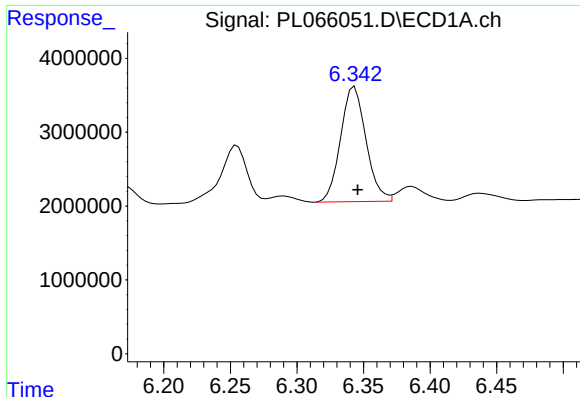
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 1356553  
Conc: 0.47 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min  
Delta R.T.: 0.004 min  
Response: 5942971  
Conc: 2.85 ng/ml

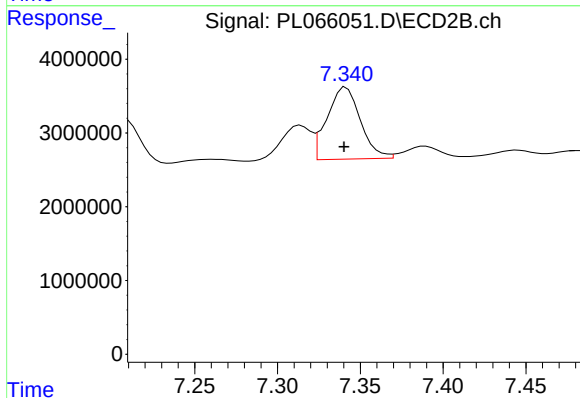




#17 4,4'-DDT

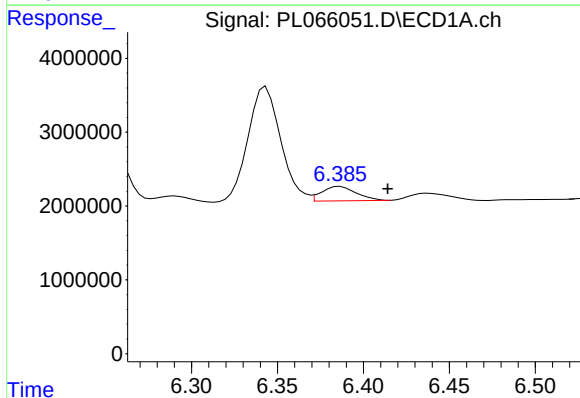
R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 20699074  
Conc: 7.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



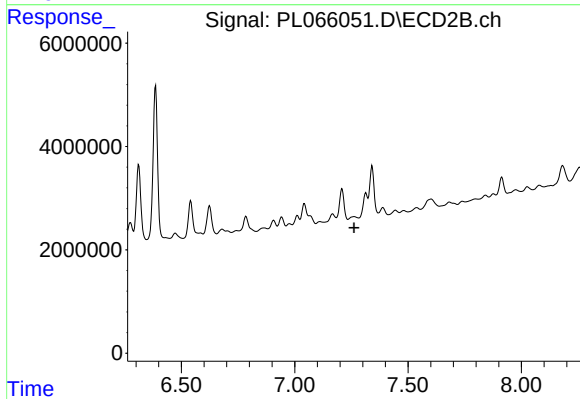
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: 0.001 min  
Response: 13657152  
Conc: 7.21 ng/ml



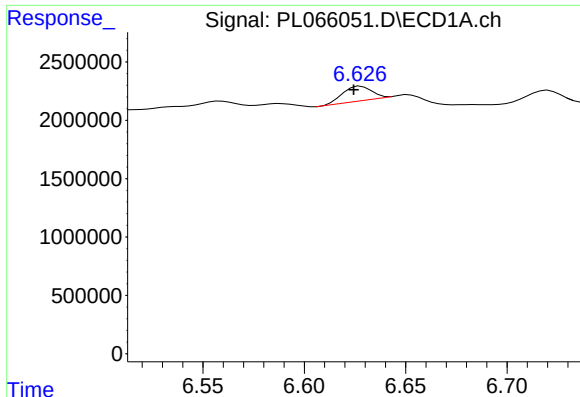
#18 Endrin aldehyde

R.T.: 6.386 min  
Delta R.T.: -0.028 min  
Response: 2713739  
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.262 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

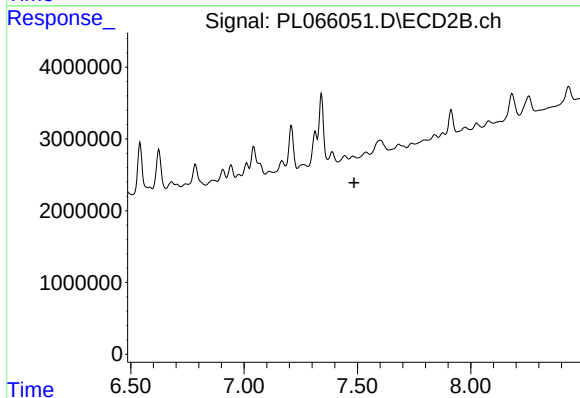
R.T.: 6.628 min

Delta R.T.: 0.004 min

Response: 1235434

Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



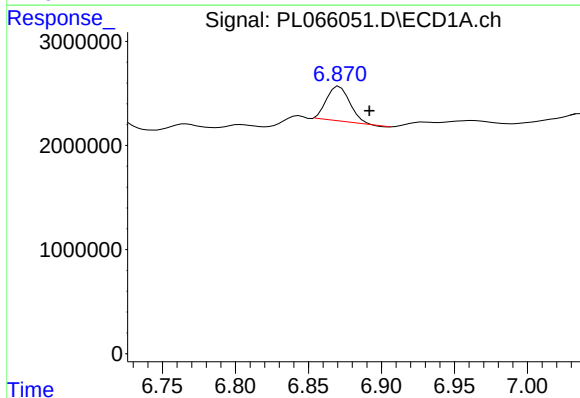
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 7.486 min

Response: 0

Conc: N.D.



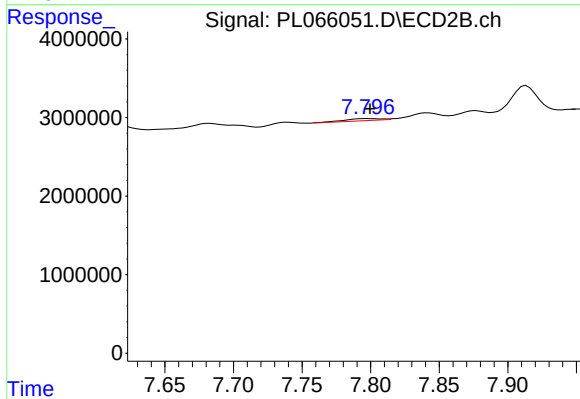
#20 Methoxychlor

R.T.: 6.871 min

Delta R.T.: -0.021 min

Response: 3682985

Conc: 2.35 ng/ml



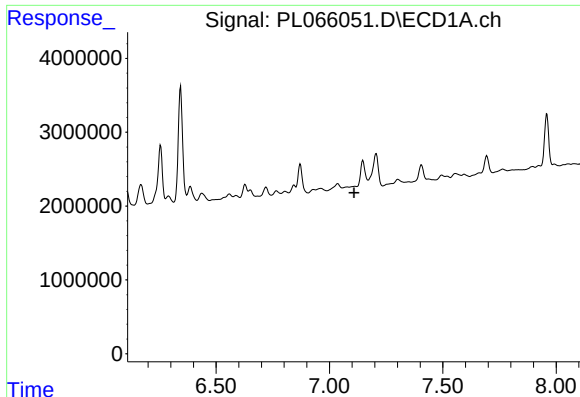
#20 Methoxychlor

R.T.: 7.798 min

Delta R.T.: -0.001 min

Response: 455369

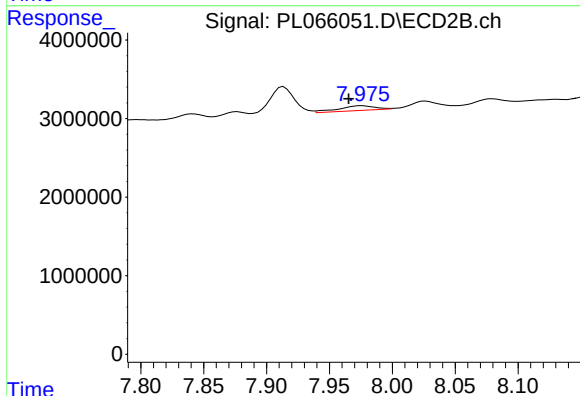
Conc: 0.45 ng/ml



#21 Endrin ketone

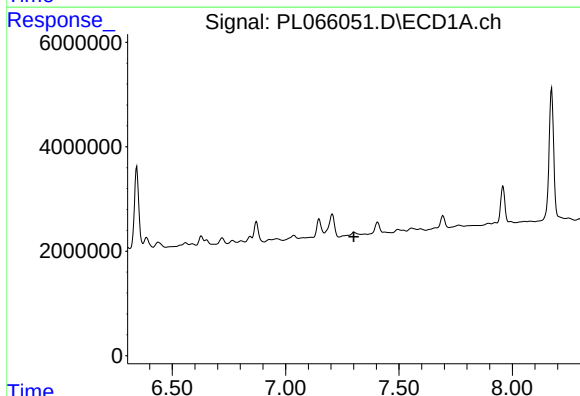
R.T.: 0.000 min  
Exp R.T.: 7.109 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



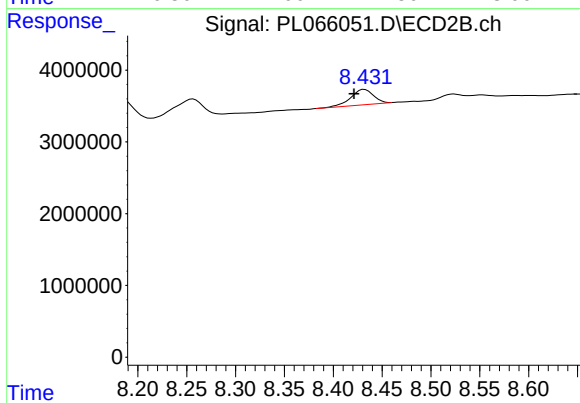
#21 Endrin ketone

R.T.: 7.976 min  
Delta R.T.: 0.010 min  
Response: 1229534  
Conc: 0.54 ng/ml



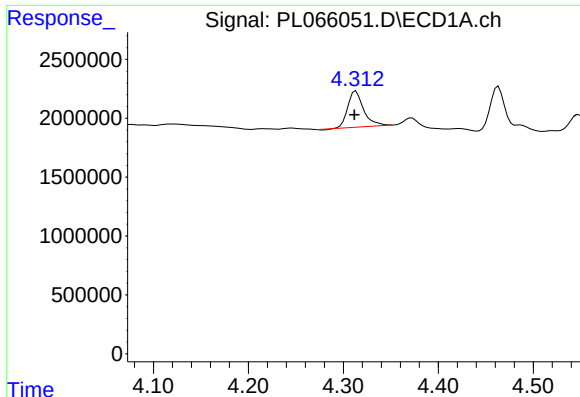
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.301 min  
Response: 0  
Conc: N.D.



#22 Mirex

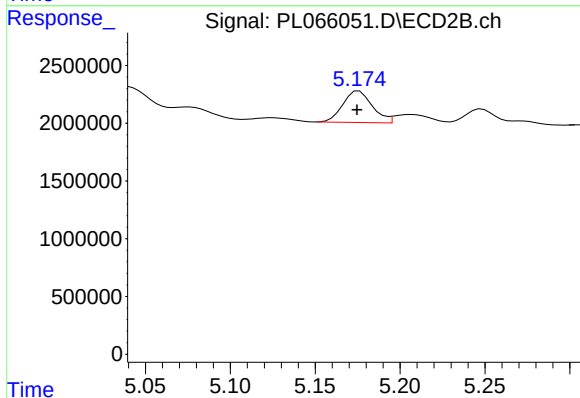
R.T.: 8.432 min  
Delta R.T.: 0.010 min  
Response: 3494269  
Conc: 2.07 ng/ml



#23 Chlordane-1

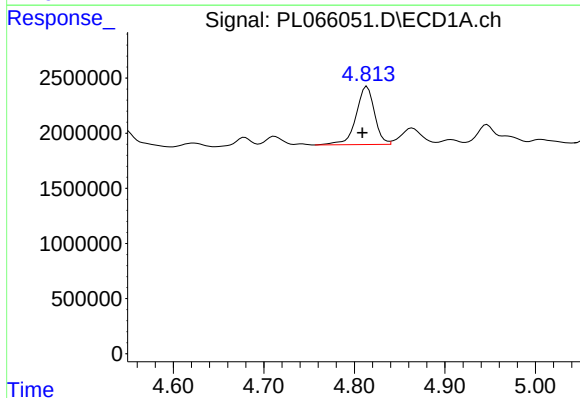
R.T.: 4.313 min  
Delta R.T.: 0.002 min  
Response: 3526409  
Conc: 33.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



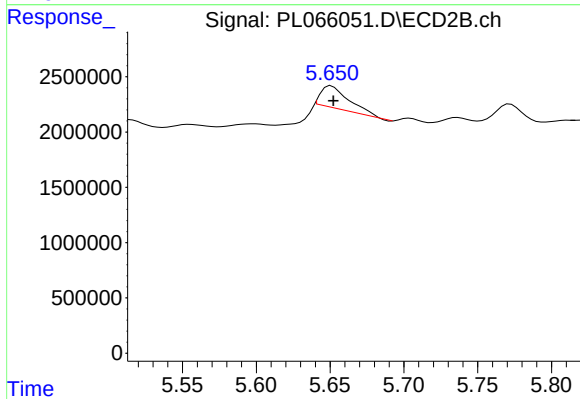
#23 Chlordane-1

R.T.: 5.176 min  
Delta R.T.: 0.001 min  
Response: 3299068  
Conc: 30.02 ng/ml



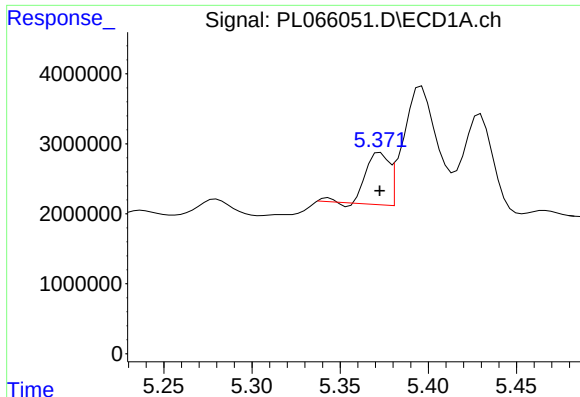
#24 Chlordane-2

R.T.: 4.814 min  
Delta R.T.: 0.005 min  
Response: 7455224  
Conc: 61.43 ng/ml



#24 Chlordane-2

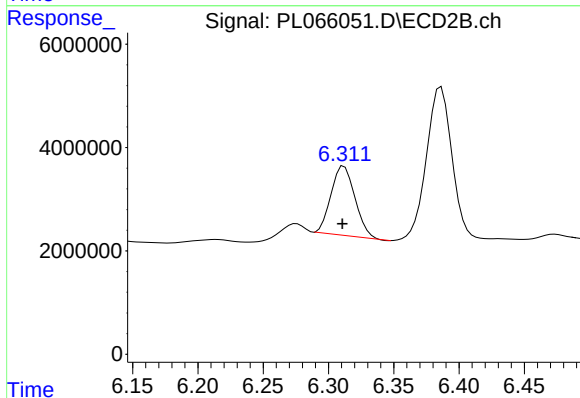
R.T.: 5.651 min  
Delta R.T.: -0.001 min  
Response: 2627006  
Conc: 23.51 ng/ml



#25 Chlordane-3

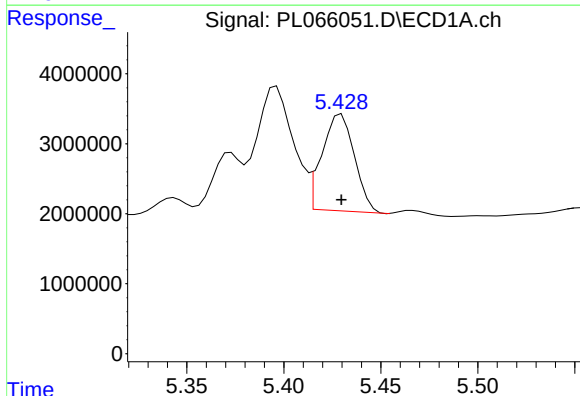
R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 6738059  
Conc: 20.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



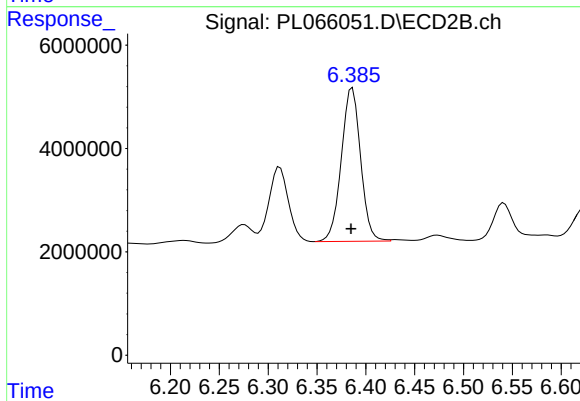
#25 Chlordane-3

R.T.: 6.312 min  
Delta R.T.: 0.001 min  
Response: 17154346  
Conc: 43.59 ng/ml



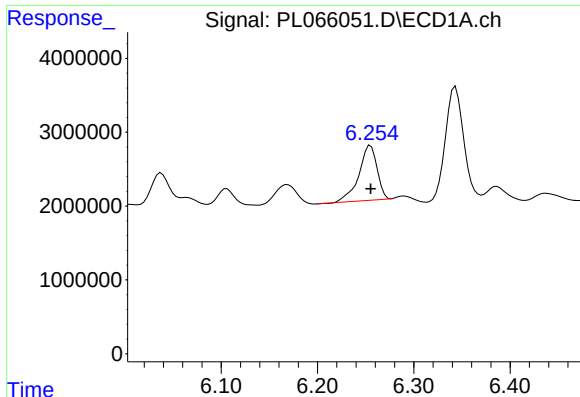
#26 Chlordane-4

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 16058397  
Conc: 58.65 ng/ml



#26 Chlordane-4

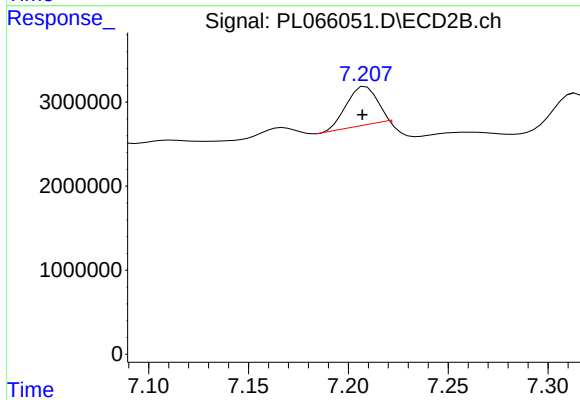
R.T.: 6.386 min  
Delta R.T.: 0.001 min  
Response: 40832680  
Conc: 85.57 ng/ml



#27 Chlordane-5

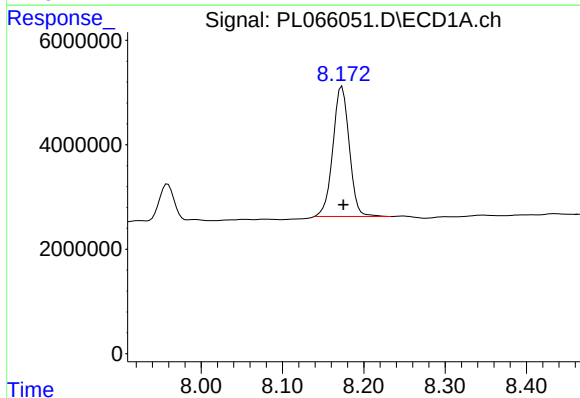
R.T.: 6.255 min  
Delta R.T.: 0.000 min  
Response: 9733481  
Conc: 76.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



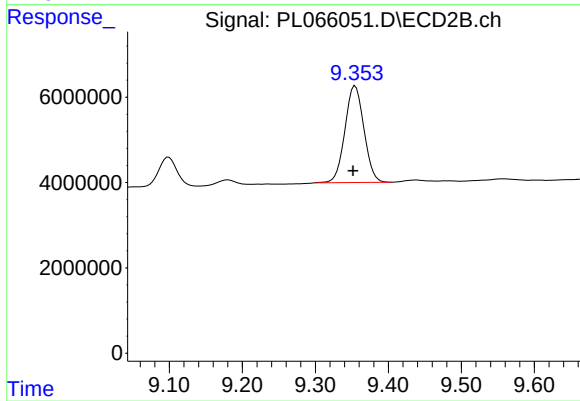
#27 Chlordane-5

R.T.: 7.209 min  
Delta R.T.: 0.002 min  
Response: 4983458  
Conc: 61.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.173 min  
Delta R.T.: -0.002 min  
Response: 34847626  
Conc: 16.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.355 min  
Delta R.T.: 0.003 min  
Response: 40946141  
Conc: 21.60 ng/ml