

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041921\  
 Data File : PL066318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2021 21:18  
 Operator : AR\AJ  
 Sample : M2076-18  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 20 02:14:13 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 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... | 3.445  | 4.154  | 29817600  | 50521764 | 11.715  | 12.560    |
| 28)                         | SA Decachlor... | 8.167  | 9.353  | 80878096  | 113.2E6  | 33.907  | 34.663    |
| Target Compounds            |                 |        |        |           |          |         |           |
| 2)                          | A alpha-BHC     | 3.902f | 4.586f | 5436566   | 2889480  | 1.321   | 0.498 #   |
| 3)                          | MA gamma-BHC... | 4.140f | 0.000  | 3086932   | 0        | 0.792   | N.D. #    |
| 5)                          | MB Aldrin       | 4.704  | 5.678  | -12511950 | 25373487 | N.D.    | 5.086     |
| 7)                          | B delta-BHC     | 4.622  | 5.239  | 12967401  | 14516141 | 3.144   | 2.823     |
| 8)                          | B Heptachlo...  | 5.136  | 0.000  | 8423719   | 0        | 2.273   | N.D. #    |
| 9)                          | A Endosulfan I  | 5.494f | 6.421f | 11863140  | 2309537  | 3.313   | 0.552 #   |
| 10)                         | B gamma-Chl...  | 5.342f | 6.315  | 9145067   | -4014956 | 2.470   | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.427  | 6.382  | 36977180  | 2291476  | 9.984   | 0.507 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.540  | 0         | 6466311  | N.D.    | 1.562 #   |
| 13)                         | MA Dieldrin     | 0.000  | 6.680f | 0         | 2575928  | N.D.    | 0.617 #   |
| 14)                         | MA Endrin       | 5.999f | 0.000  | 3889933   | 0        | 1.116   | N.D. #    |
| 15)                         | B Endosulfa...  | 0.000  | 7.112f | 0         | 2512650  | N.D.    | 0.721 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 7.039  | 0         | 6233729  | N.D.    | 1.822 #   |
| 17)                         | MA 4,4'-DDT     | 6.334  | 7.342  | 3553765   | 2037159  | 1.115   | 0.601 #   |
| 19)                         | B Endosulfa...  | 6.622  | 0.000  | 4257947   | 0        | 1.239   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.865f | 0.000  | 4909569   | 0        | 2.712   | N.D. #    |
| 21)                         | B Endrin ke...  | 0.000  | 7.974  | 0         | 663572   | N.D.    | 0.180 #   |
| 22)                         | Mirex           | 0.000  | 8.431  | 0         | 18413590 | N.D.    | 6.505 #   |
| 23)                         | Chlordane-1     | 4.309  | 0.000  | 8164648   | 0        | 71.419  | N.D. #    |
| 24)                         | Chlordane-2     | 4.817  | 5.678f | 5908062   | 25373487 | 44.417  | 144.225 # |
| 25)                         | Chlordane-3     | 5.342f | 6.315  | 9145067   | -4014956 | 25.161  | N.D. #    |
| 26)                         | Chlordane-4     | 5.427  | 6.382  | 36977180  | 2291476  | 117.197 | 2.917 #   |
| -----                       |                 |        |        |           |          |         |           |

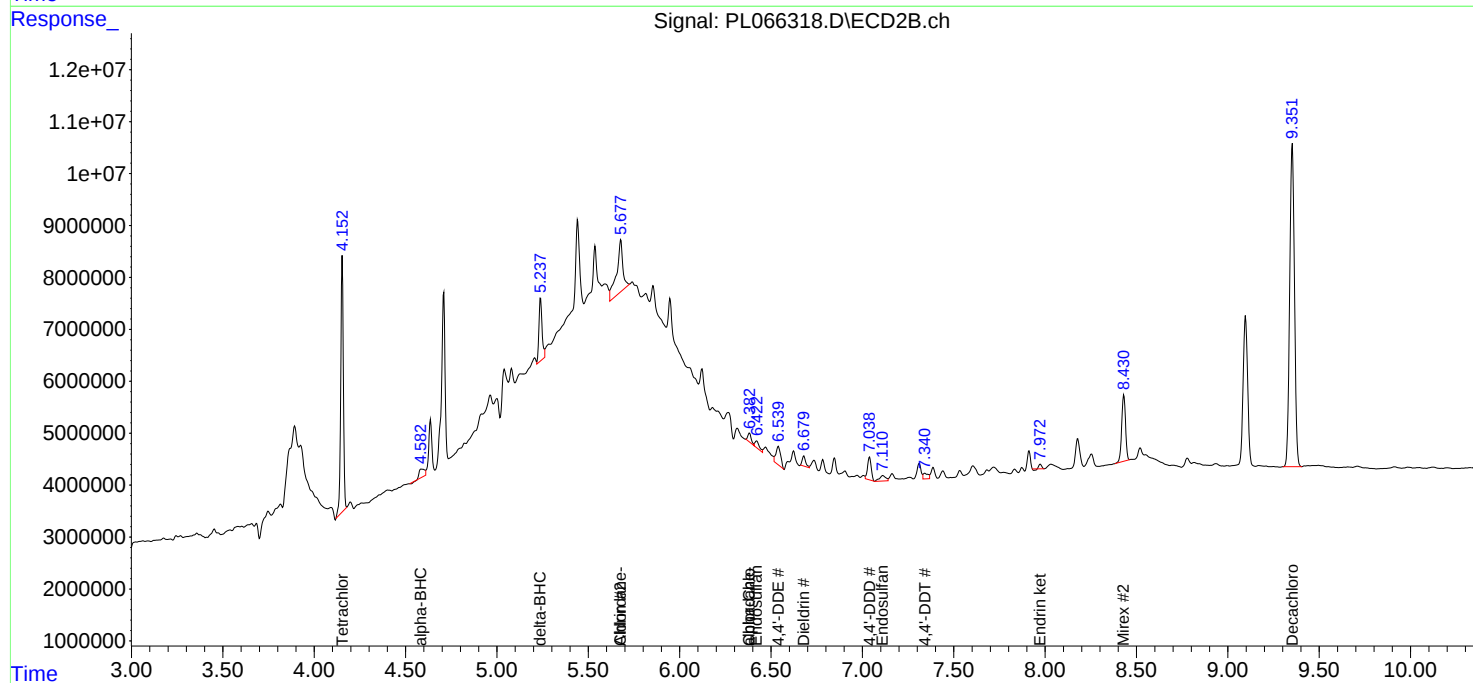
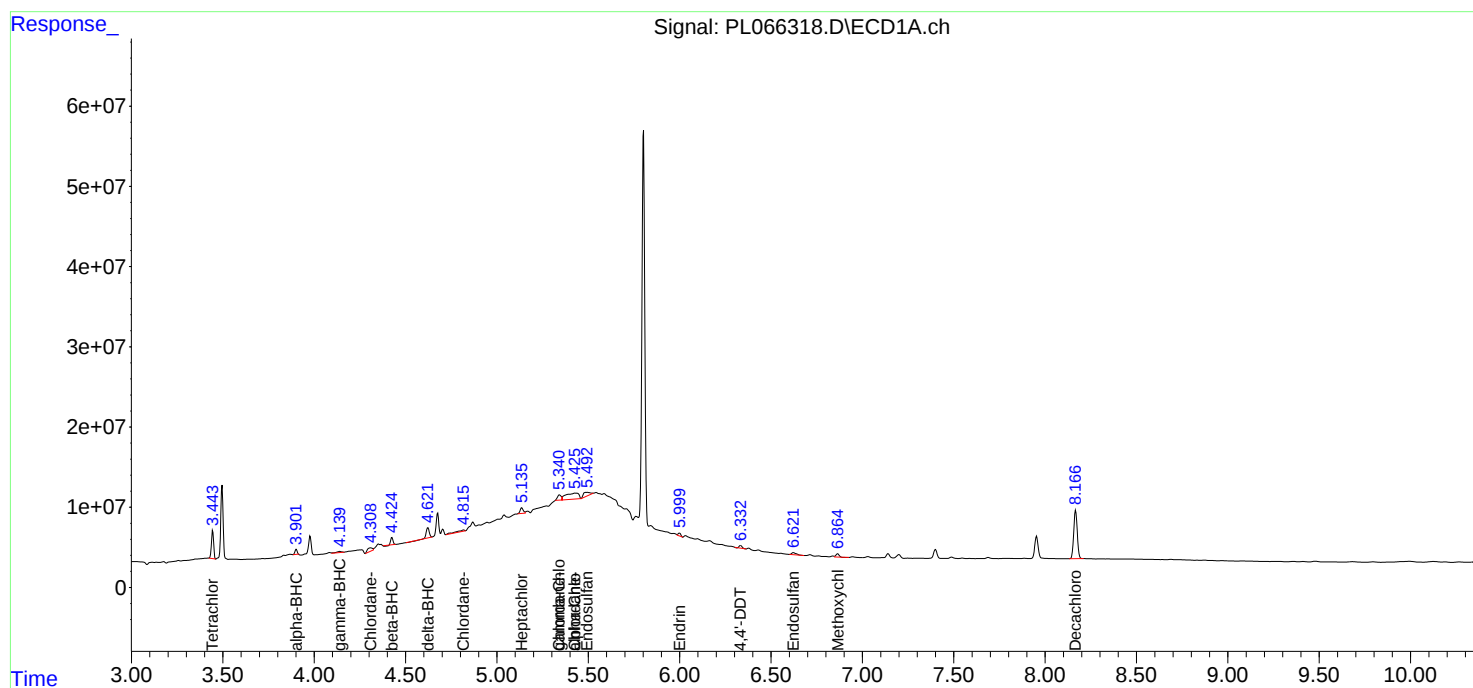
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

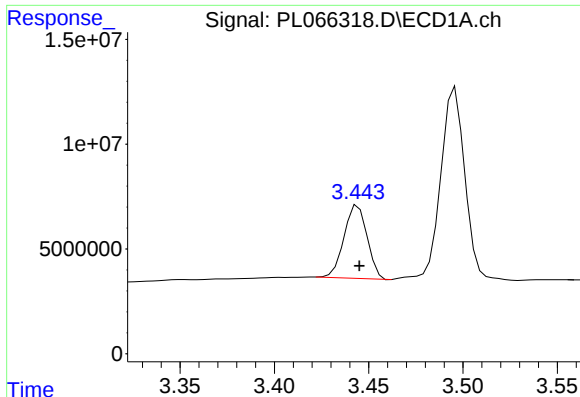
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041921\  
Data File : PL066318.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2021 21:18  
Operator : AR\AJ  
Sample : M2076-18  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 20 02:14:13 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 2021  
Response via : Initial Calibration  
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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

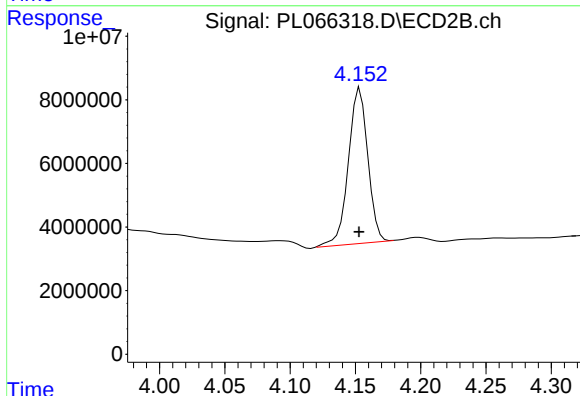




#1 Tetrachloro-m-xylene

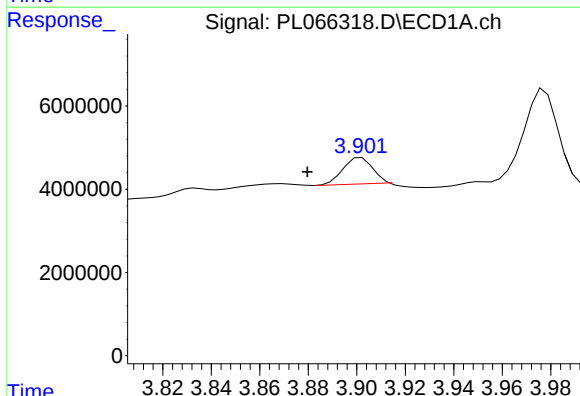
R.T.: 3.445 min  
Delta R.T.: 0.000 min  
Response: 29817600  
Conc: 11.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



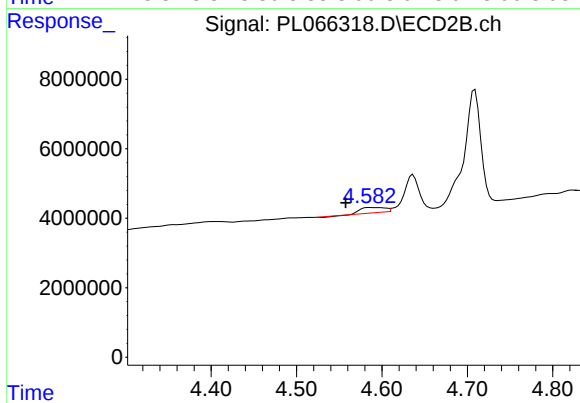
#1 Tetrachloro-m-xylene

R.T.: 4.154 min  
Delta R.T.: 0.000 min  
Response: 50521764  
Conc: 12.56 ng/ml



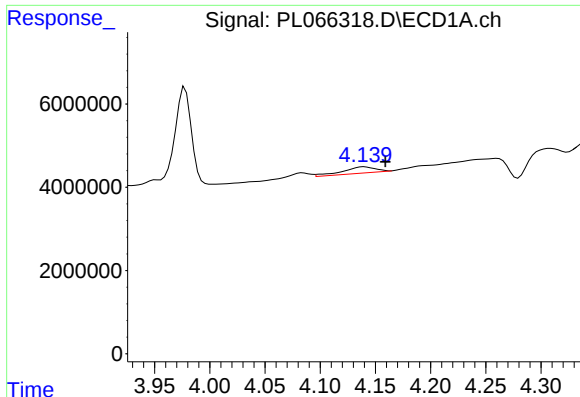
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.022 min  
Response: 5436566  
Conc: 1.32 ng/ml



#2 alpha-BHC

R.T.: 4.586 min  
Delta R.T.: 0.028 min  
Response: 2889480  
Conc: 0.50 ng/ml



#3 gamma-BHC (Lindane)

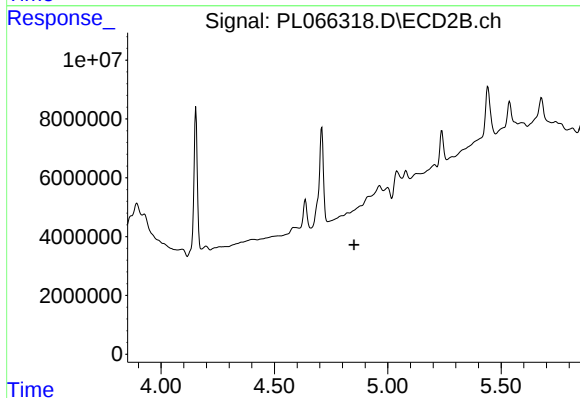
R.T.: 4.140 min

Delta R.T.: -0.019 min

Response: 3086932

Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



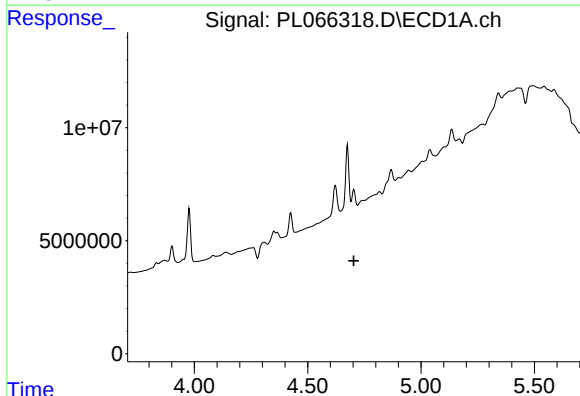
#3 gamma-BHC (Lindane)

R.T.: 0.000 min

Exp R.T. : 4.851 min

Response: 0

Conc: N.D.



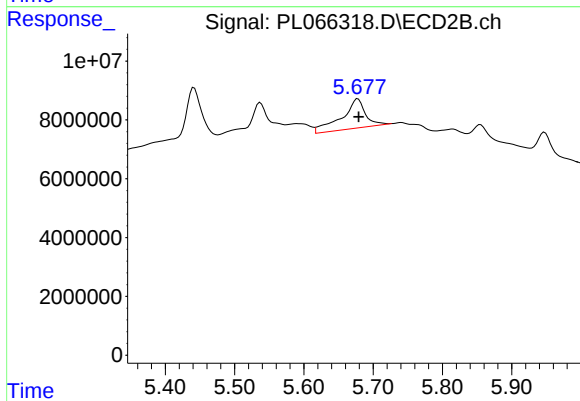
#5 Aldrin

R.T.: 4.704 min

Delta R.T.: 0.000 min

Response: -12511950

Conc: N.D.



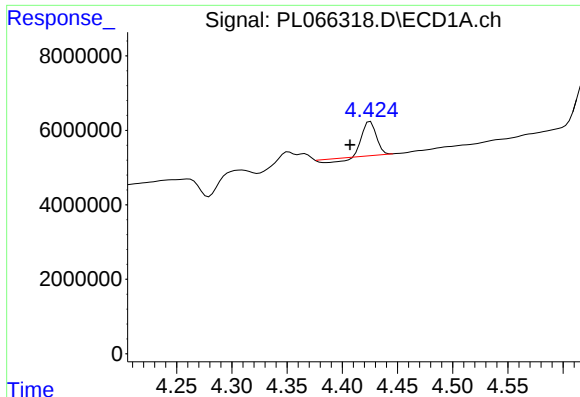
#5 Aldrin

R.T.: 5.678 min

Delta R.T.: -0.001 min

Response: 25373487

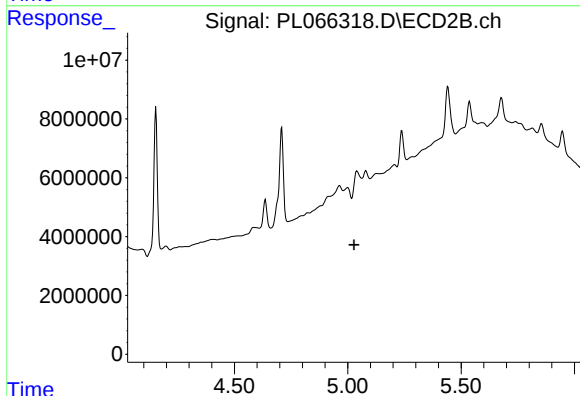
Conc: 5.09 ng/ml



#6 beta-BHC

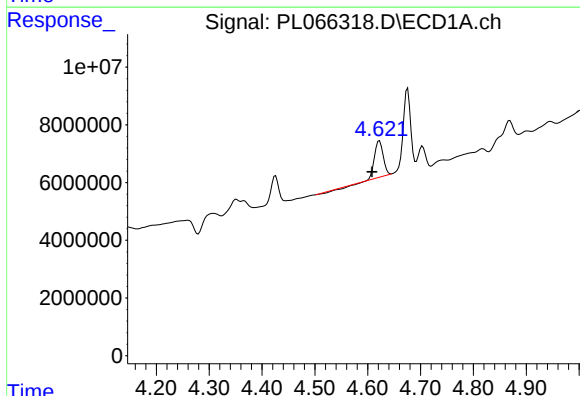
R.T.: 4.426 min  
Delta R.T.: 0.018 min  
Response: 6876109  
Conc: 3.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



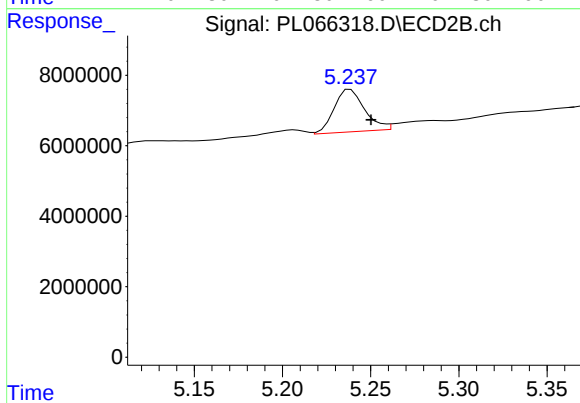
#6 beta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.013 min  
Response: -92794  
Conc: N.D.



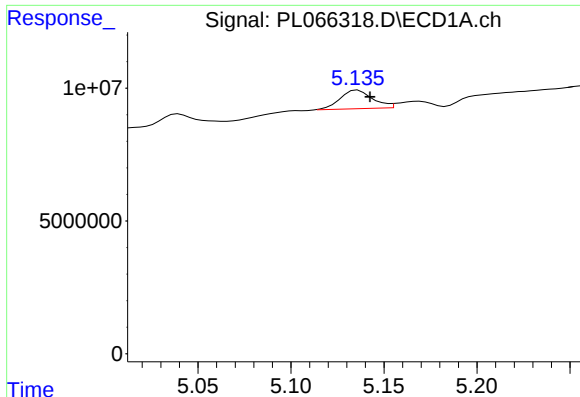
#7 delta-BHC

R.T.: 4.622 min  
Delta R.T.: 0.014 min  
Response: 12967401  
Conc: 3.14 ng/ml



#7 delta-BHC

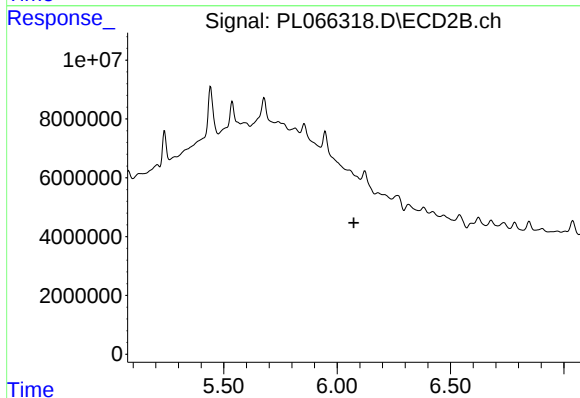
R.T.: 5.239 min  
Delta R.T.: -0.012 min  
Response: 14516141  
Conc: 2.82 ng/ml



#8 Heptachlor epoxide

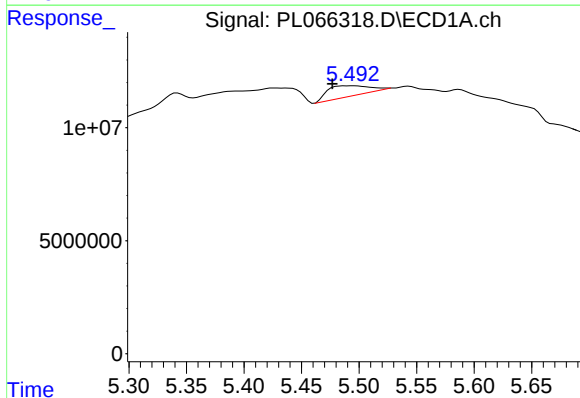
R.T.: 5.136 min  
Delta R.T.: -0.007 min  
Response: 8423719  
Conc: 2.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



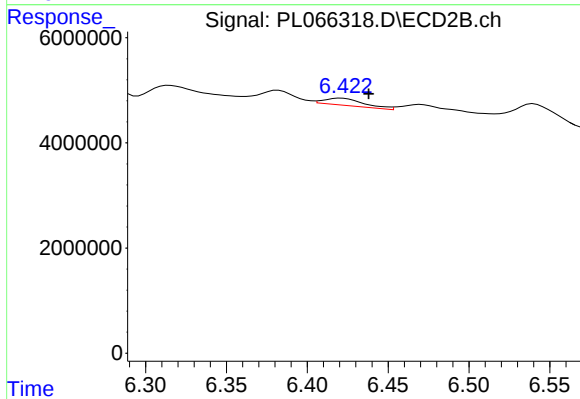
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 6.074 min  
Response: 0  
Conc: N.D.



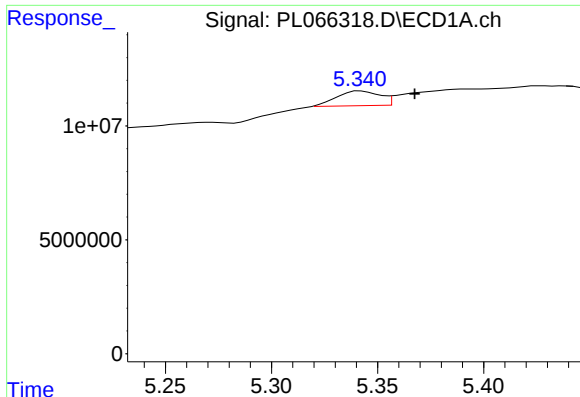
#9 Endosulfan I

R.T.: 5.494 min  
Delta R.T.: 0.017 min  
Response: 11863140  
Conc: 3.31 ng/ml



#9 Endosulfan I

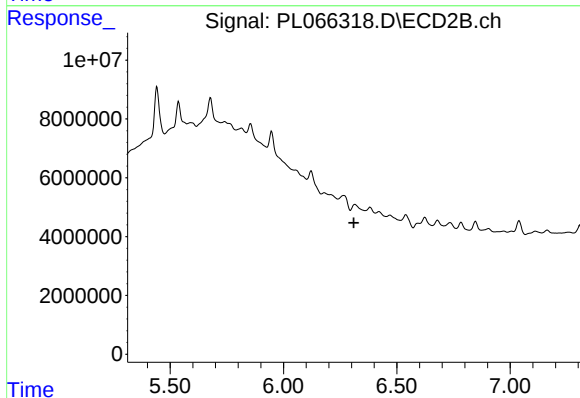
R.T.: 6.421 min  
Delta R.T.: -0.017 min  
Response: 2309537  
Conc: 0.55 ng/ml



#10 gamma-Chlordane

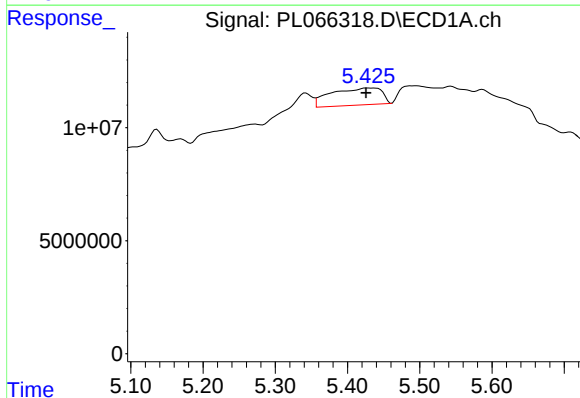
R.T.: 5.342 min  
Delta R.T.: -0.026 min  
Response: 9145067  
Conc: 2.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



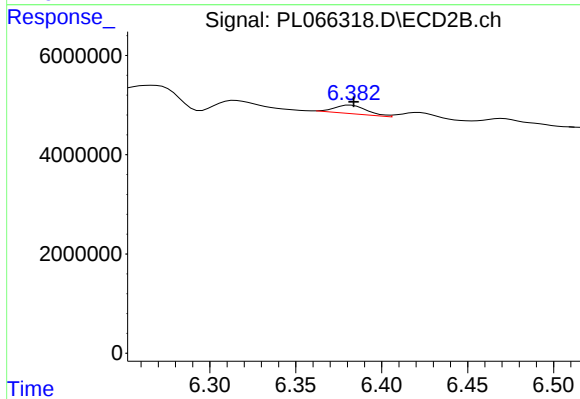
#10 gamma-Chlordane

R.T.: 6.315 min  
Delta R.T.: 0.004 min  
Response: -4014956  
Conc: N.D.



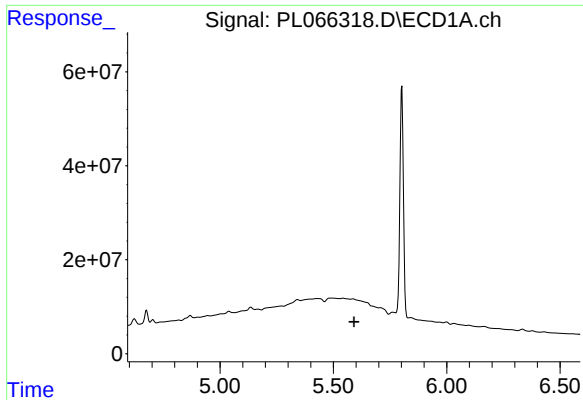
#11 alpha-Chlordane

R.T.: 5.427 min  
Delta R.T.: 0.001 min  
Response: 36977180  
Conc: 9.98 ng/ml



#11 alpha-Chlordane

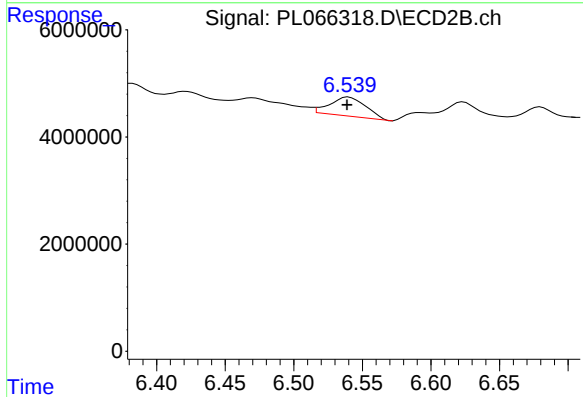
R.T.: 6.382 min  
Delta R.T.: -0.002 min  
Response: 2291476  
Conc: 0.51 ng/ml



#12 4,4'-DDE

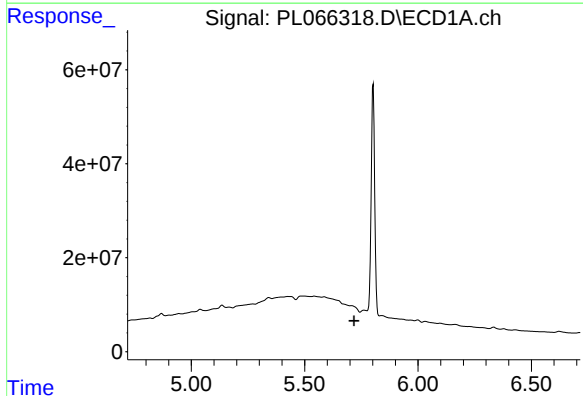
R.T.: 0.000 min  
Exp R.T.: 5.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



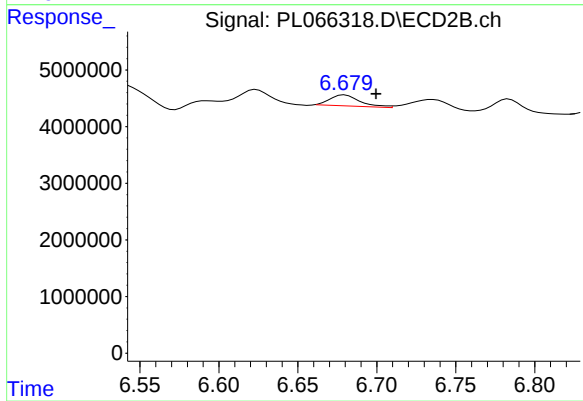
#12 4,4'-DDE

R.T.: 6.540 min  
Delta R.T.: 0.001 min  
Response: 6466311  
Conc: 1.56 ng/ml



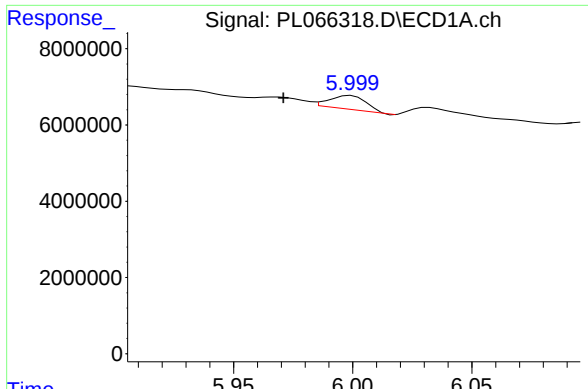
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.718 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

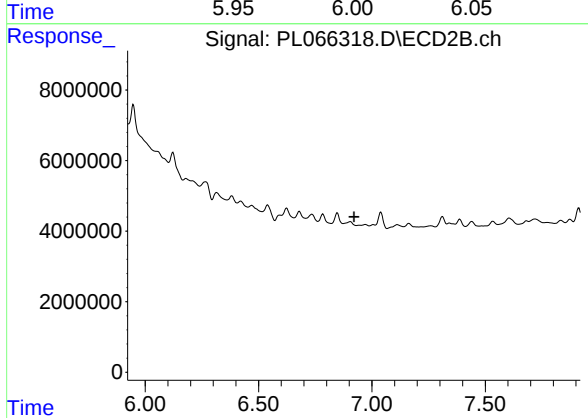
R.T.: 6.680 min  
Delta R.T.: -0.020 min  
Response: 2575928  
Conc: 0.62 ng/ml



#14 Endrin

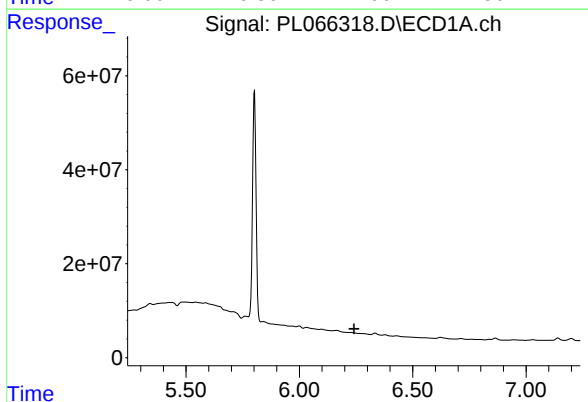
R.T.: 5.999 min  
Delta R.T.: 0.028 min  
Response: 3889933  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



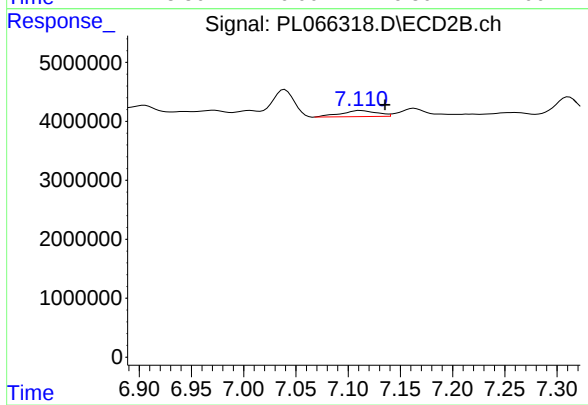
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



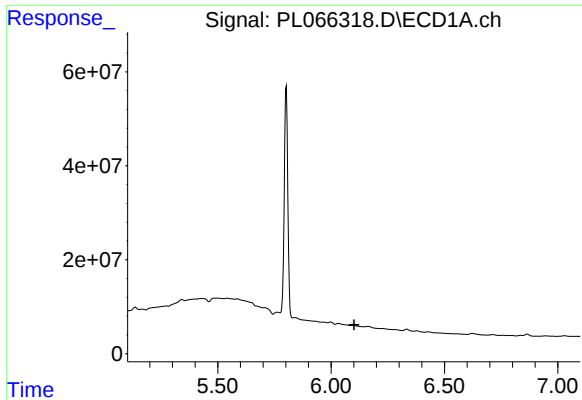
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.242 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

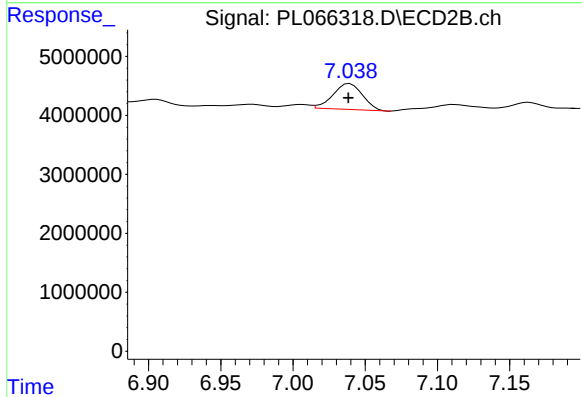
R.T.: 7.112 min  
Delta R.T.: -0.024 min  
Response: 2512650  
Conc: 0.72 ng/ml



#16 4,4'-DDD

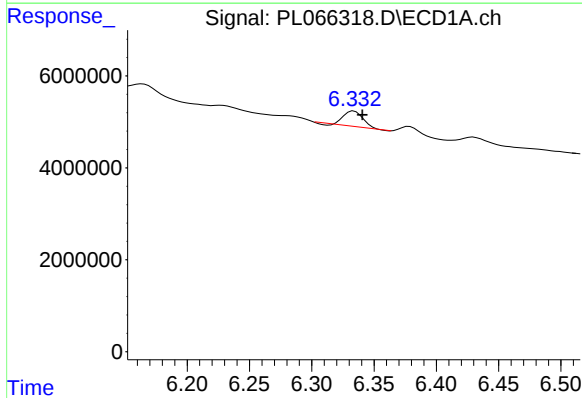
R.T.: 0.000 min  
Exp R.T.: 6.102 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



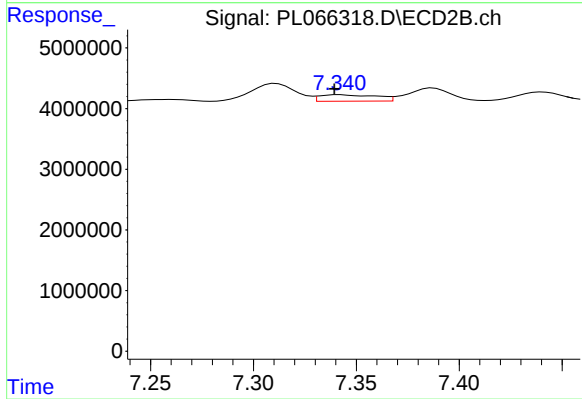
#16 4,4'-DDD

R.T.: 7.039 min  
Delta R.T.: 0.001 min  
Response: 6233729  
Conc: 1.82 ng/ml



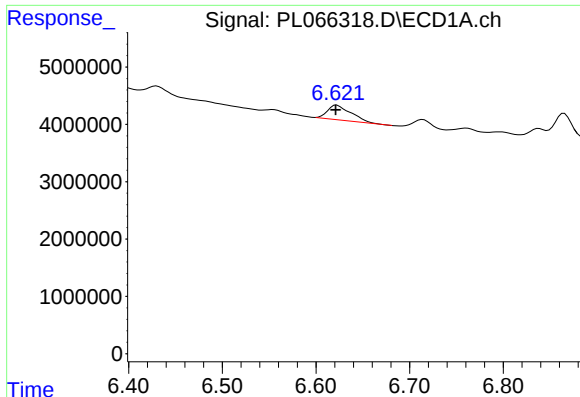
#17 4,4'-DDT

R.T.: 6.334 min  
Delta R.T.: -0.007 min  
Response: 3553765  
Conc: 1.11 ng/ml



#17 4,4'-DDT

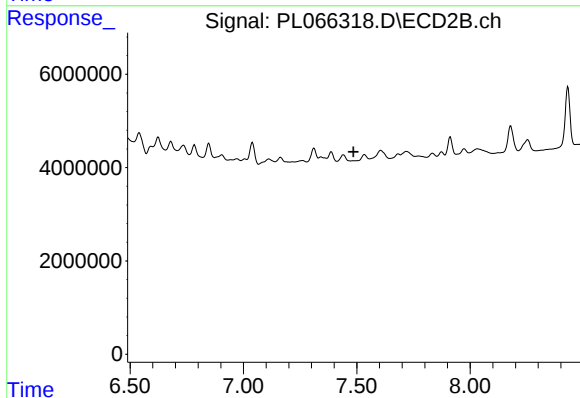
R.T.: 7.342 min  
Delta R.T.: 0.003 min  
Response: 2037159  
Conc: 0.60 ng/ml



#19 Endosulfan Sulfate

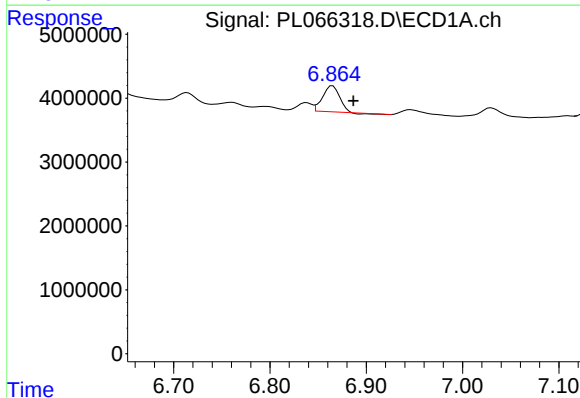
R.T.: 6.622 min  
Delta R.T.: 0.001 min  
Response: 4257947  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



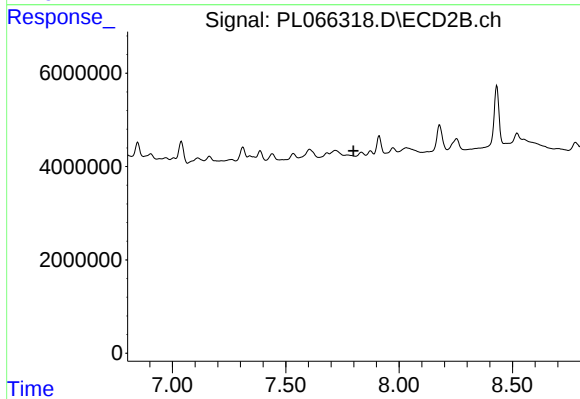
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.485 min  
Response: 0  
Conc: N.D.



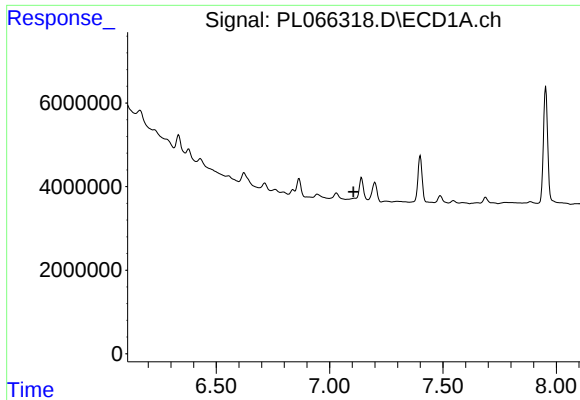
#20 Methoxychlor

R.T.: 6.865 min  
Delta R.T.: -0.021 min  
Response: 4909569  
Conc: 2.71 ng/ml



#20 Methoxychlor

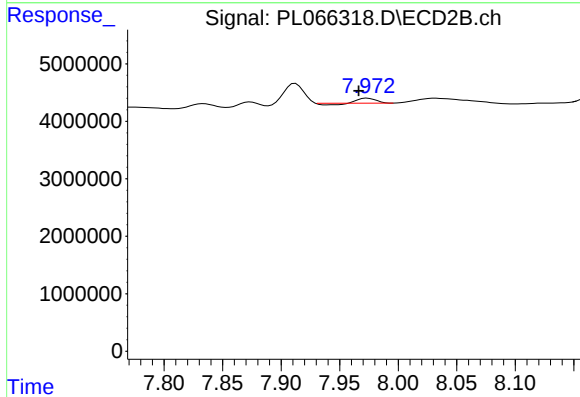
R.T.: 0.000 min  
Exp R.T. : 7.799 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

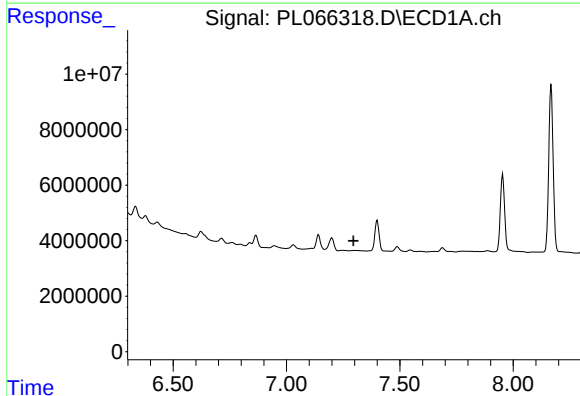
R.T.: 0.000 min  
Exp R.T.: 7.105 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



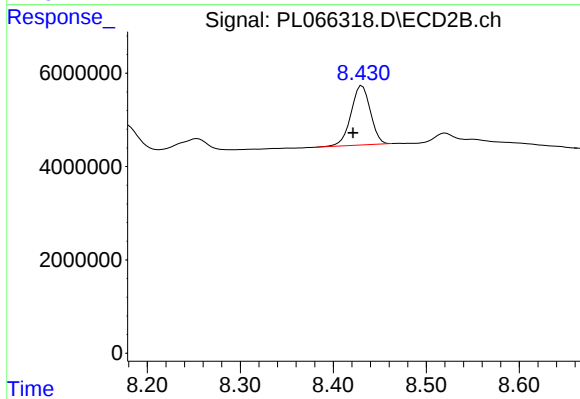
#21 Endrin ketone

R.T.: 7.974 min  
Delta R.T.: 0.007 min  
Response: 663572  
Conc: 0.18 ng/ml



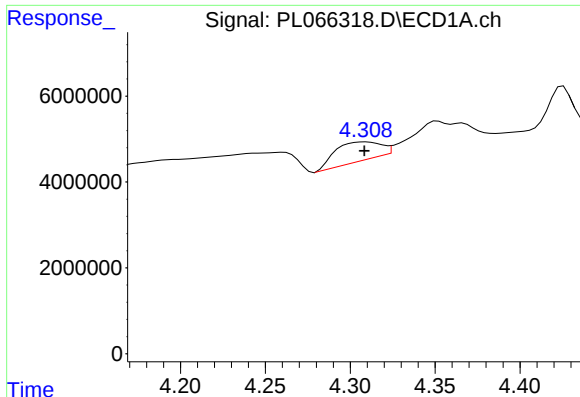
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.296 min  
Response: 0  
Conc: N.D.



#22 Mirex

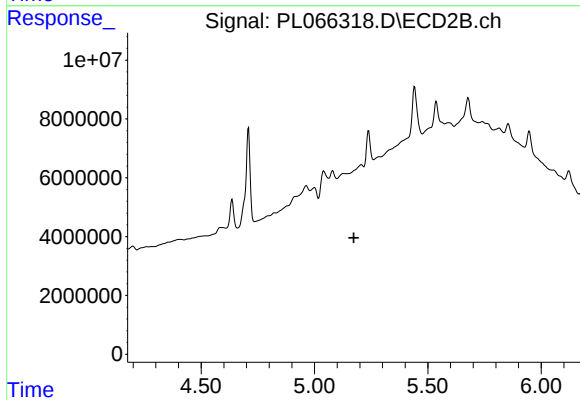
R.T.: 8.431 min  
Delta R.T.: 0.010 min  
Response: 18413590  
Conc: 6.51 ng/ml



#23 Chlordane-1

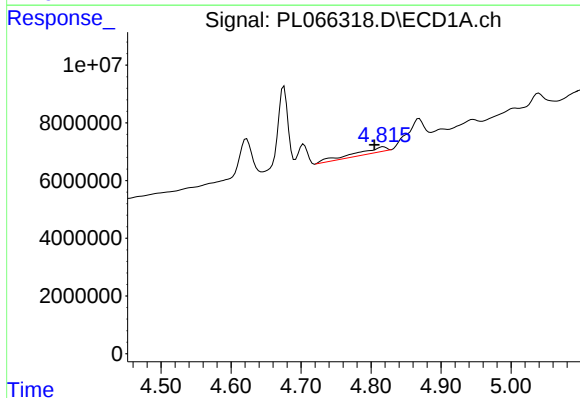
R.T.: 4.309 min  
Delta R.T.: 0.000 min  
Response: 8164648  
Conc: 71.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



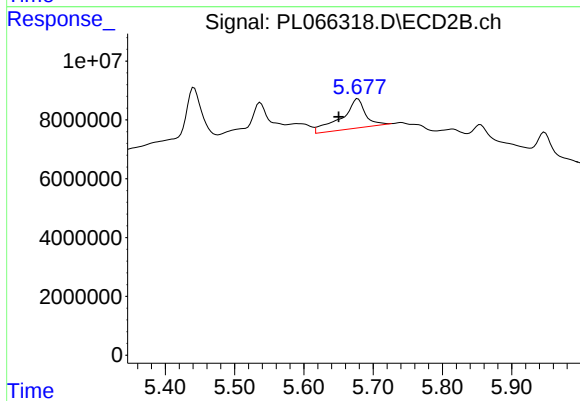
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.173 min  
Response: 0  
Conc: N.D.



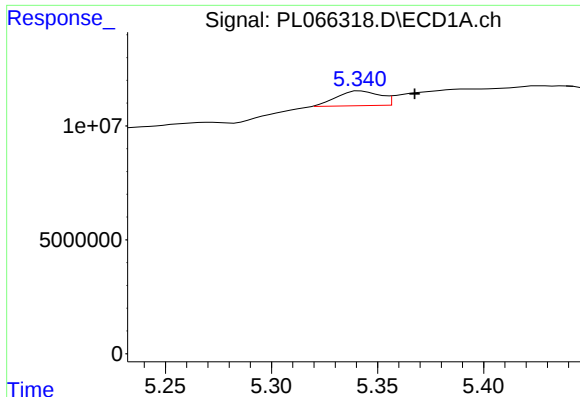
#24 Chlordane-2

R.T.: 4.817 min  
Delta R.T.: 0.013 min  
Response: 5908062  
Conc: 44.42 ng/ml



#24 Chlordane-2

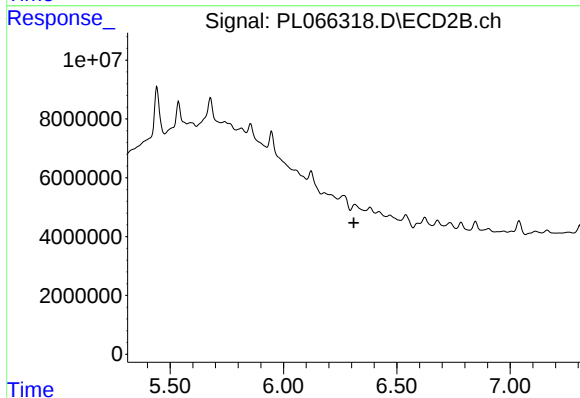
R.T.: 5.678 min  
Delta R.T.: 0.028 min  
Response: 25373487  
Conc: 144.22 ng/ml



#25 Chlordane-3

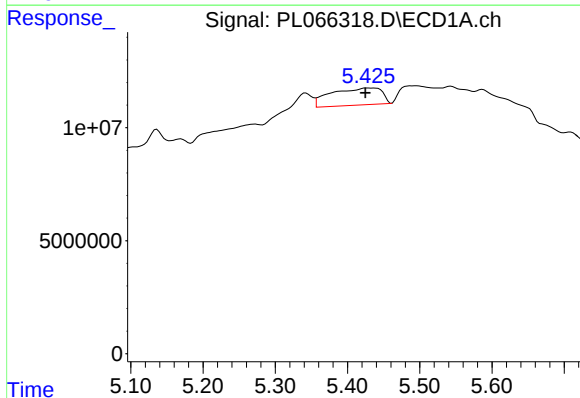
R.T.: 5.342 min  
Delta R.T.: -0.026 min  
Response: 9145067  
Conc: 25.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



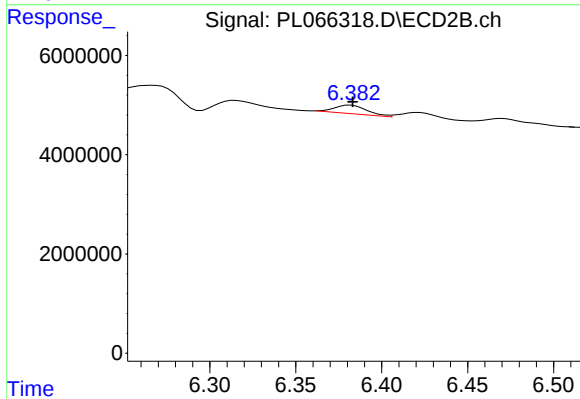
#25 Chlordane-3

R.T.: 6.315 min  
Delta R.T.: 0.005 min  
Response: -4014956  
Conc: N.D.



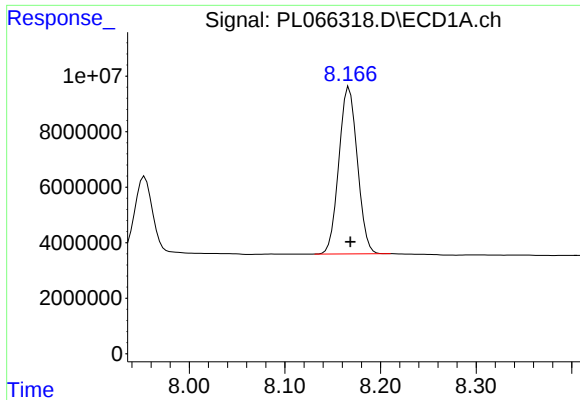
#26 Chlordane-4

R.T.: 5.427 min  
Delta R.T.: 0.002 min  
Response: 36977180  
Conc: 117.20 ng/ml



#26 Chlordane-4

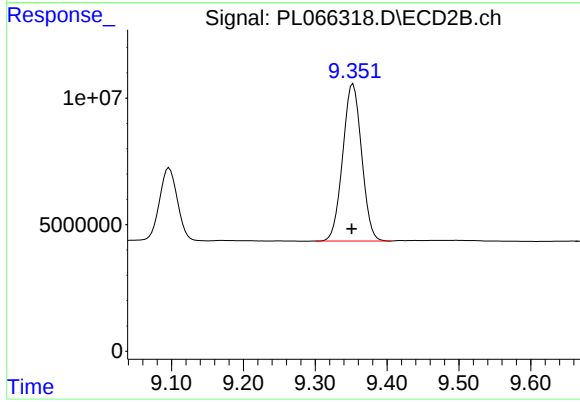
R.T.: 6.382 min  
Delta R.T.: -0.001 min  
Response: 2291476  
Conc: 2.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.167 min  
Delta R.T.: -0.001 min  
Response: 80878096  
Conc: 33.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.353 min  
Delta R.T.: 0.002 min  
Response: 113206897  
Conc: 34.66 ng/ml