

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042320\  
 Data File : PL058344.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2020 18:11  
 Operator : AJ\MA  
 Sample : L2378-07  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 00:55:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 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... | 3.455  | 3.954  | 106.3E6  | 22936225 | 10.540 | 10.569   |
| 28)                         | SA Decachlor... | 8.201  | 8.974  | 114.0E6  | 24022569 | 11.059 | 10.754   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.898  | 0.000  | 3636737  | 0        | 0.209  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.181  | 0.000  | 116192   | 0        | 0.008  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.475  | 5.125  | 4850465  | 3234829  | 0.303  | 0.964 #  |
| 5)                          | MB Aldrin       | 4.731  | 5.402f | 1607282  | 661419   | 0.109  | 0.204 #  |
| 6)                          | B beta-BHC      | 4.434  | 0.000  | 111271   | 0        | 0.018  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.159  | 5.806  | 281654   | 1191599  | 0.021  | 0.441 #  |
| 9)                          | A Endosulfan I  | 5.497  | 0.000  | 1314261  | 0        | 0.107  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.413f | 6.047  | 3895039  | 277808   | 0.287  | 0.086 #  |
| 11)                         | B alpha-Chl...  | 5.447  | 6.118  | 3324267  | 1865286  | 0.250  | 0.570 #  |
| 12)                         | B 4,4'-DDE      | 5.614  | 6.276  | 1624043  | 423080   | 0.124  | 0.143    |
| 13)                         | MA Dieldrin     | 5.758  | 6.415  | 3157189  | 865494   | 0.243  | 0.283    |
| 14)                         | MA Endrin       | 6.000  | 6.631  | 2423365  | 470774   | 0.208  | 0.188    |
| 15)                         | B Endosulfa...  | 6.283  | 6.835f | 3533752  | 154331   | 0.319  | 0.060 #  |
| 16)                         | A 4,4'-DDD      | 6.134  | 6.769  | 456468   | 1111072  | 0.046  | 0.487 #  |
| 17)                         | MA 4,4'-DDT     | 6.366  | 7.060  | 12091492 | 292137   | 1.191  | 0.131 #  |
| 18)                         | B Endrin al...  | 6.460  | 0.000  | 4027161  | 0        | 0.431  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.652  | 0.000  | 3545639  | 0        | 0.349  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.899f | 0.000  | 28323611 | 0        | 5.138  | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.661  | 0        | 85122    | N.D.   | 0.034 #  |
| 22)                         | Mirex           | 7.322f | 8.146f | 10240740 | 126707   | 1.249  | 0.069 #  |
| 23)                         | Chlordane-1     | 4.323  | 4.936  | 4106159  | 1999688  | 11.102 | 22.676 # |
| 24)                         | Chlordane-2     | 4.828  | 5.402  | 3672074  | 661419   | 9.096  | 6.338 #  |
| 25)                         | Chlordane-3     | 5.413f | 6.047  | 3895039  | 277808   | 3.186  | 0.642 #  |
| 26)                         | Chlordane-4     | 5.447  | 6.118  | 3324267  | 1865286  | 3.196  | 3.553    |
| 27)                         | Chlordane-5     | 6.283  | 6.917  | 3533752  | 205454   | 9.342  | 2.410 #  |
| -----                       |                 |        |        |          |          |        |          |

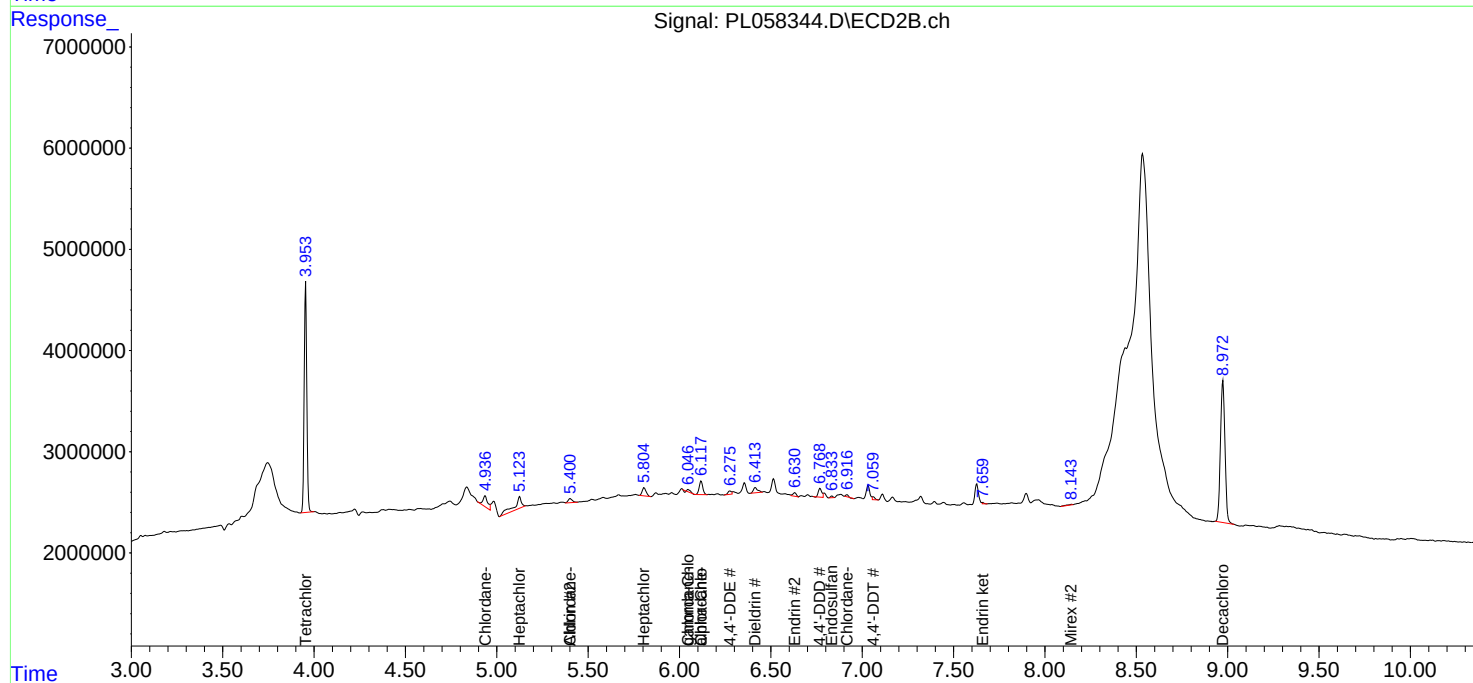
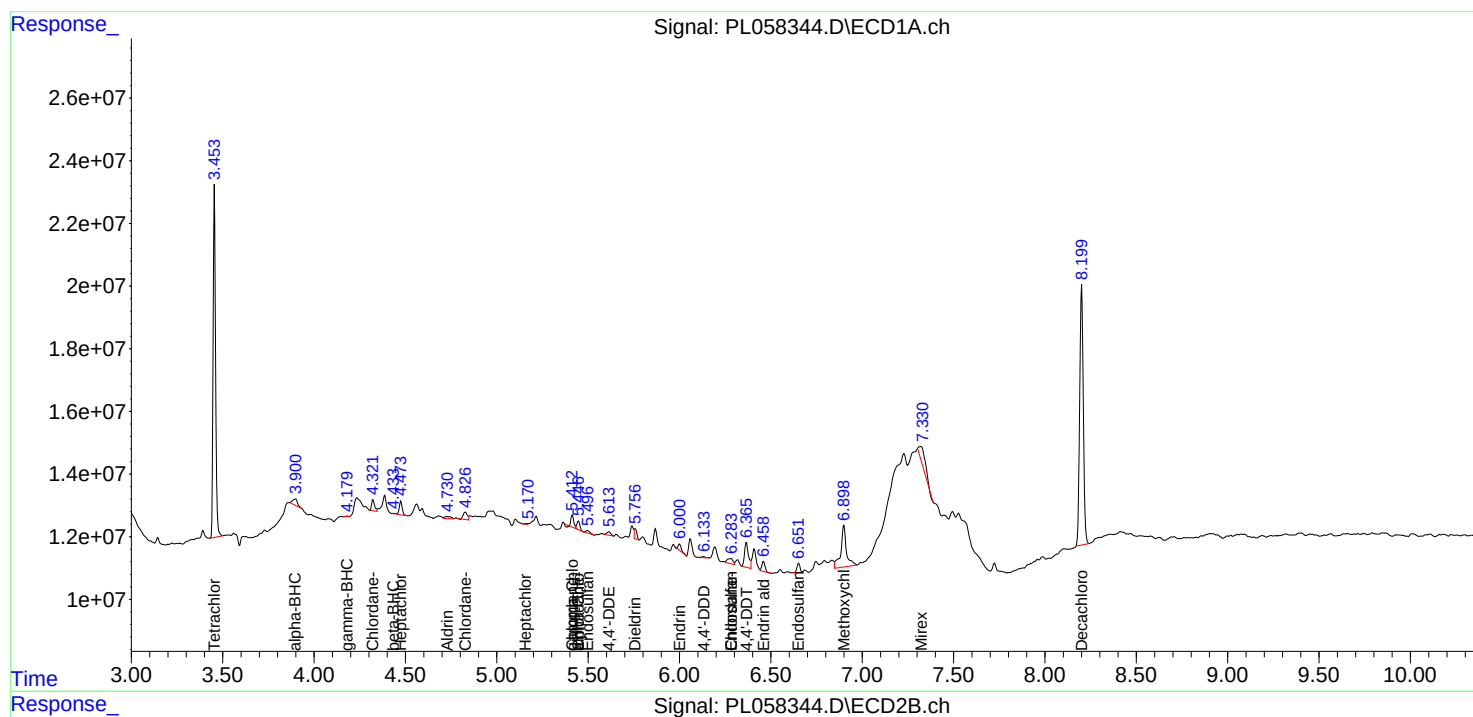
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

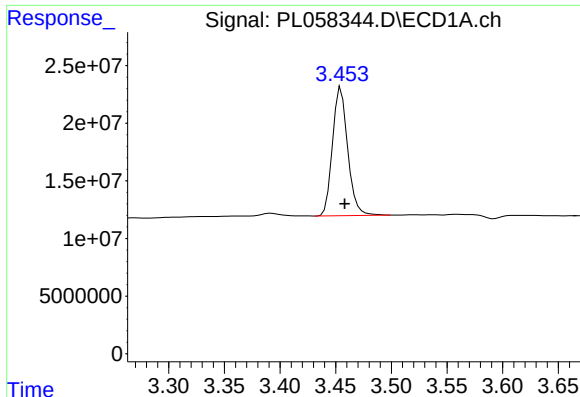
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042320\  
Data File : PL058344.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2020 18:11  
Operator : AJ\MA  
Sample : L2378-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 00:55:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 2020  
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

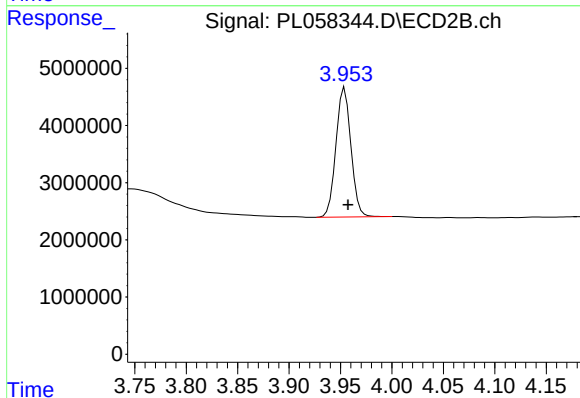




#1 Tetrachloro-m-xylene

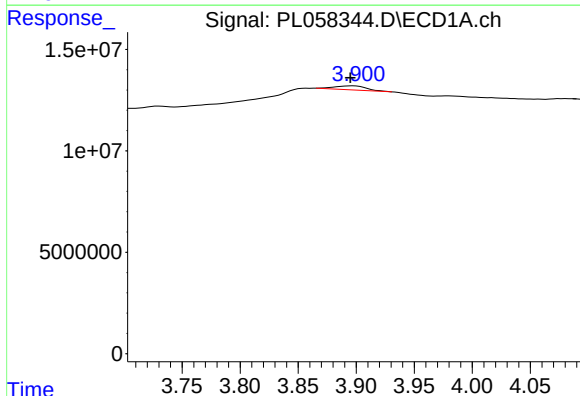
R.T.: 3.455 min  
Delta R.T.: -0.003 min  
Response: 106250381  
Conc: 10.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



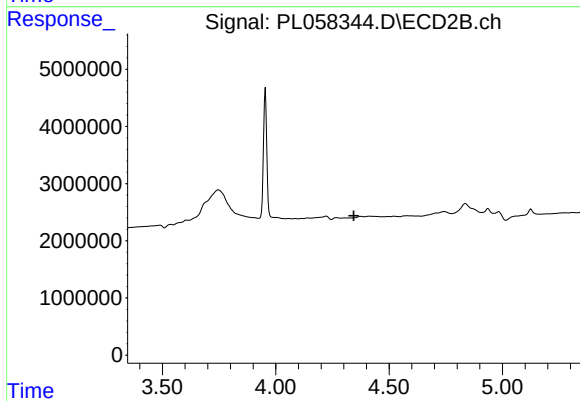
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.003 min  
Response: 22936225  
Conc: 10.57 ng/ml



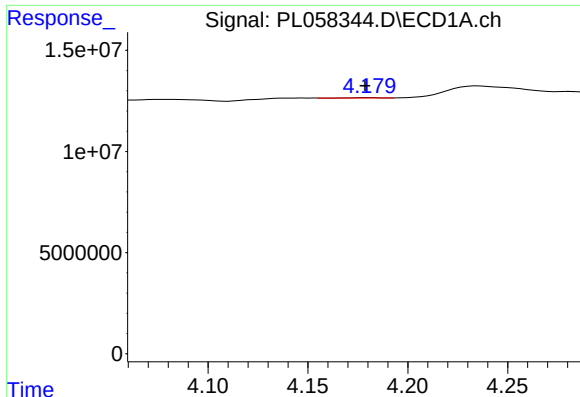
#2 alpha-BHC

R.T.: 3.898 min  
Delta R.T.: 0.003 min  
Response: 3636737  
Conc: 0.21 ng/ml



#2 alpha-BHC

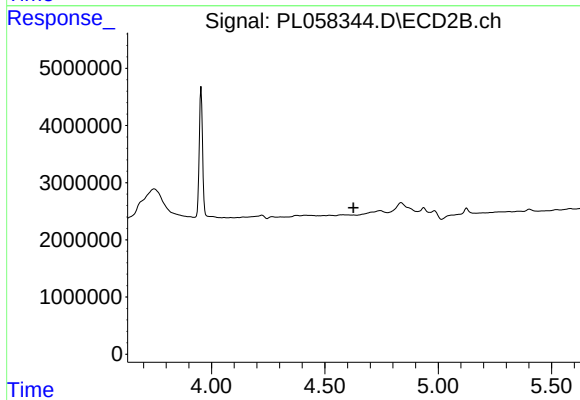
R.T.: 0.000 min  
Exp R.T. : 4.345 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

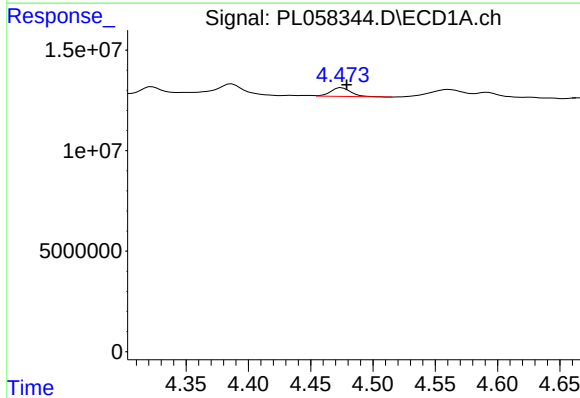
R.T.: 4.181 min  
Delta R.T.: 0.002 min  
Response: 116192  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



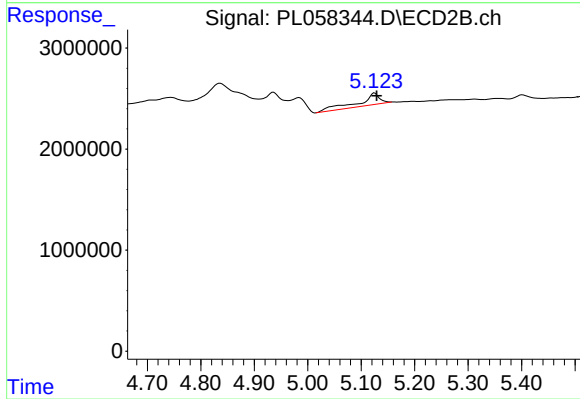
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.627 min  
Response: 0  
Conc: N.D.



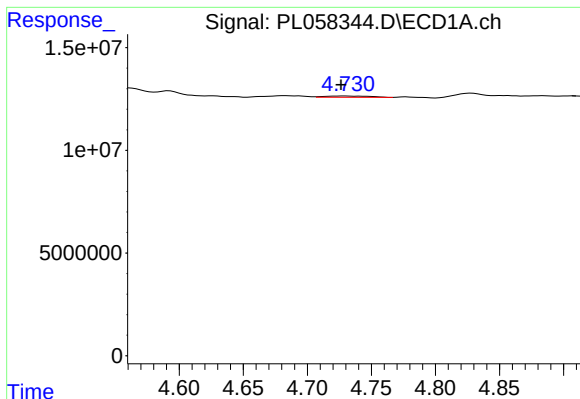
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: -0.004 min  
Response: 4850465  
Conc: 0.30 ng/ml



#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 3234829  
Conc: 0.96 ng/ml



#5 Aldrin

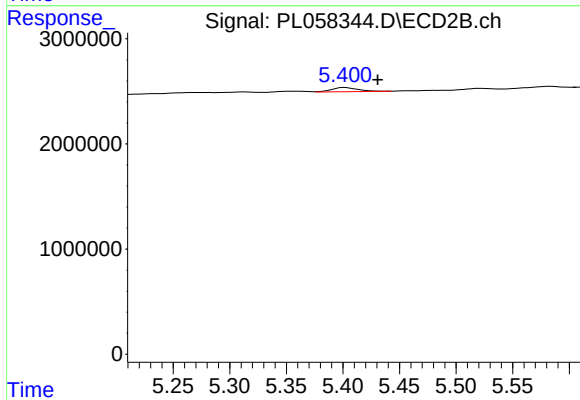
R.T.: 4.731 min

Delta R.T.: 0.004 min

Response: 1607282

Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



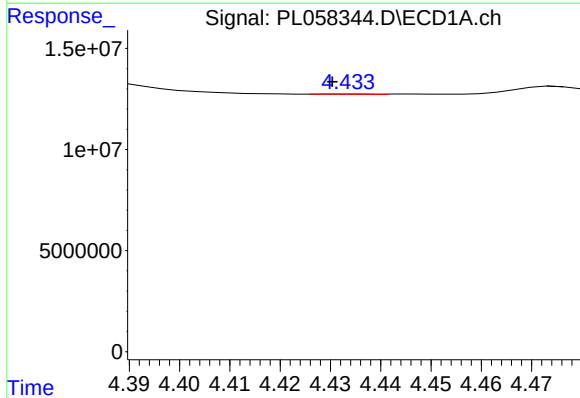
#5 Aldrin

R.T.: 5.402 min

Delta R.T.: -0.029 min

Response: 661419

Conc: 0.20 ng/ml



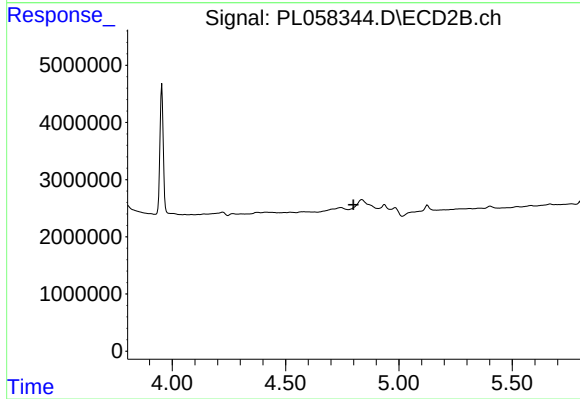
#6 beta-BHC

R.T.: 4.434 min

Delta R.T.: 0.003 min

Response: 111271

Conc: 0.02 ng/ml



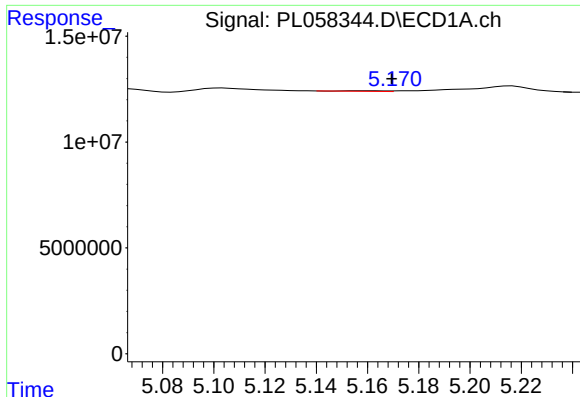
#6 beta-BHC

R.T.: 0.000 min

Exp R.T. : 4.800 min

Response: 0

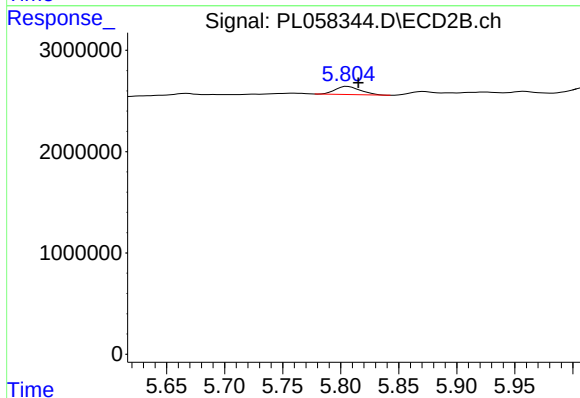
Conc: N.D.



#8 Heptachlor epoxide

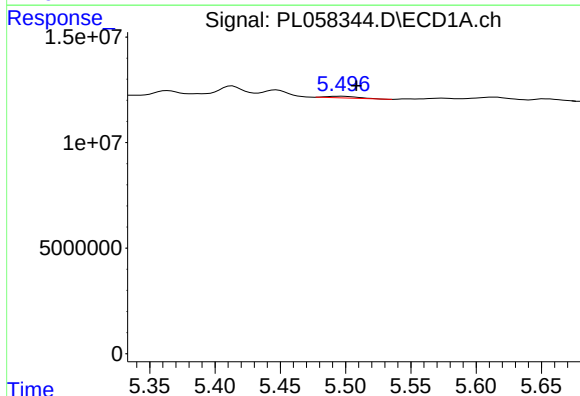
R.T.: 5.159 min  
Delta R.T.: -0.010 min  
Response: 281654  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



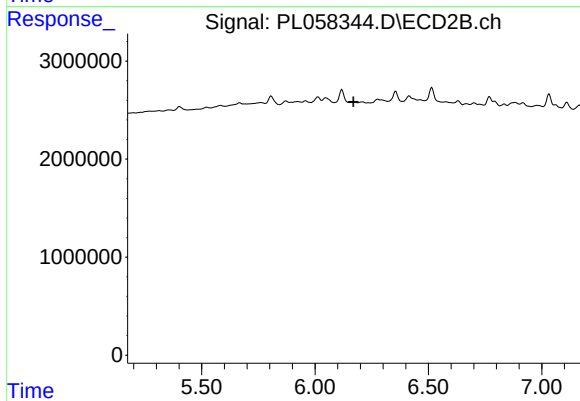
#8 Heptachlor epoxide

R.T.: 5.806 min  
Delta R.T.: -0.009 min  
Response: 1191599  
Conc: 0.44 ng/ml



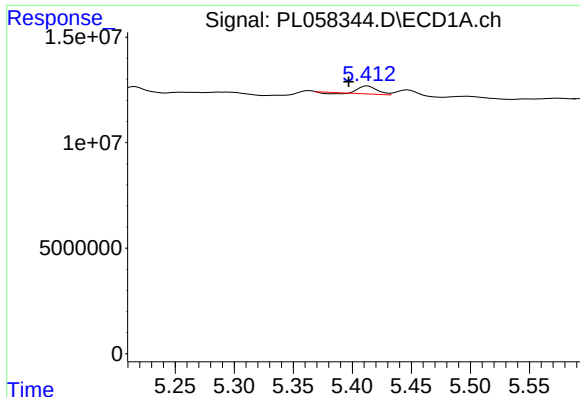
#9 Endosulfan I

R.T.: 5.497 min  
Delta R.T.: -0.011 min  
Response: 1314261  
Conc: 0.11 ng/ml



#9 Endosulfan I

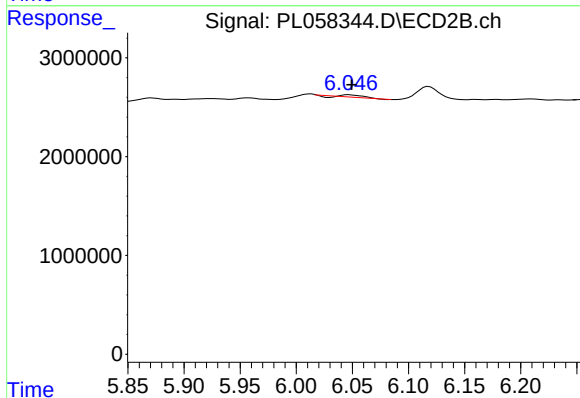
R.T.: 0.000 min  
Exp R.T.: 6.170 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

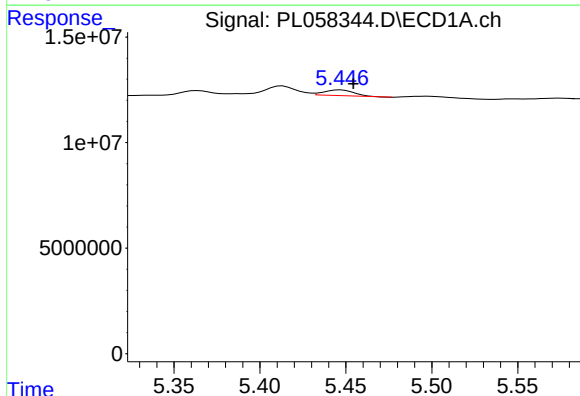
R.T.: 5.413 min  
Delta R.T.: 0.016 min  
Response: 3895039  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



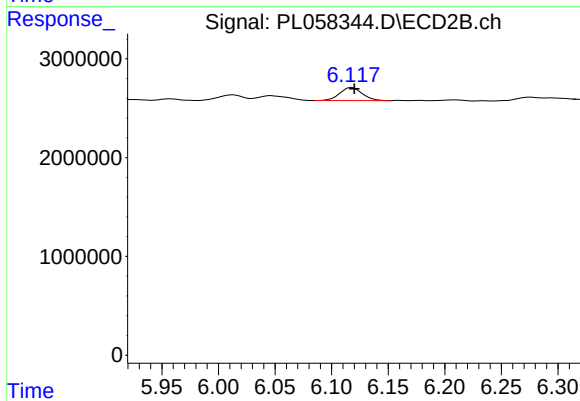
#10 gamma-Chlordane

R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 277808  
Conc: 0.09 ng/ml



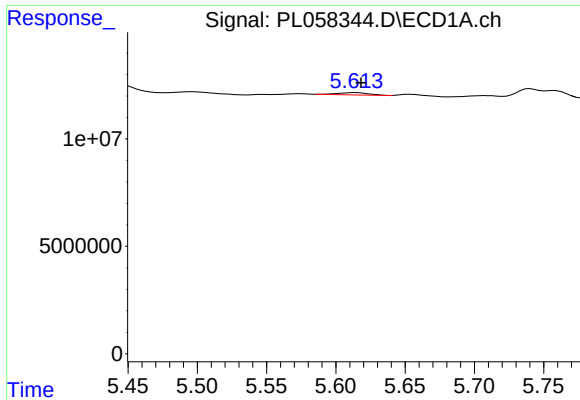
#11 alpha-Chlordane

R.T.: 5.447 min  
Delta R.T.: -0.007 min  
Response: 3324267  
Conc: 0.25 ng/ml



#11 alpha-Chlordane

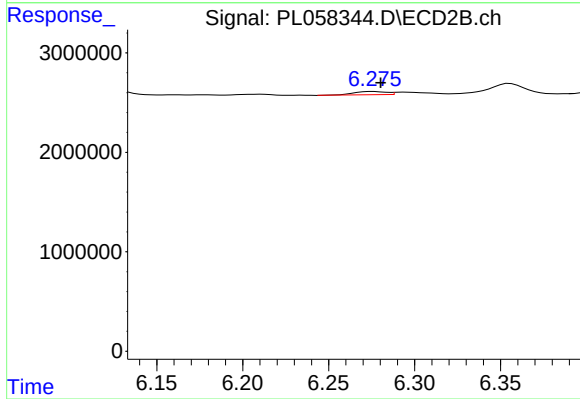
R.T.: 6.118 min  
Delta R.T.: -0.002 min  
Response: 1865286  
Conc: 0.57 ng/ml



#12 4,4'-DDE

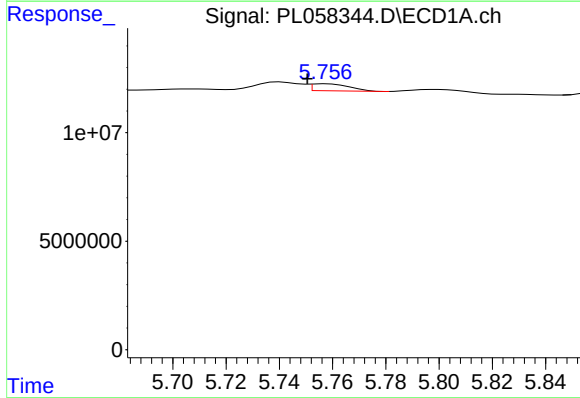
R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 1624043  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



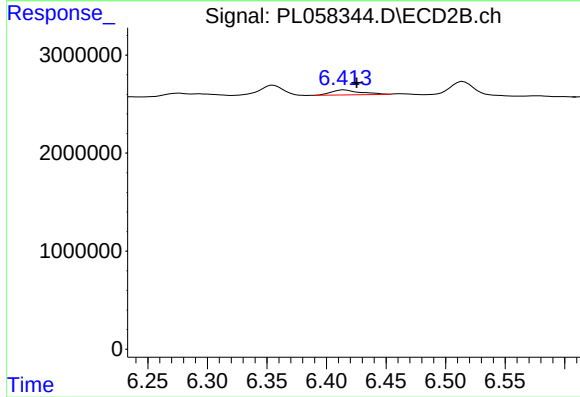
#12 4,4'-DDE

R.T.: 6.276 min  
Delta R.T.: -0.004 min  
Response: 423080  
Conc: 0.14 ng/ml



#13 Dieldrin

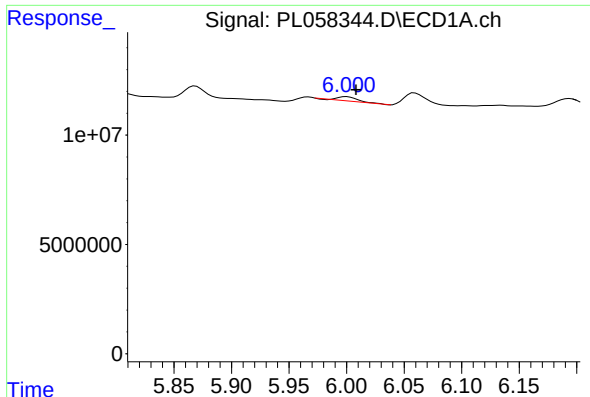
R.T.: 5.758 min  
Delta R.T.: 0.007 min  
Response: 3157189  
Conc: 0.24 ng/ml



#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: -0.010 min  
Response: 865494  
Conc: 0.28 ng/ml

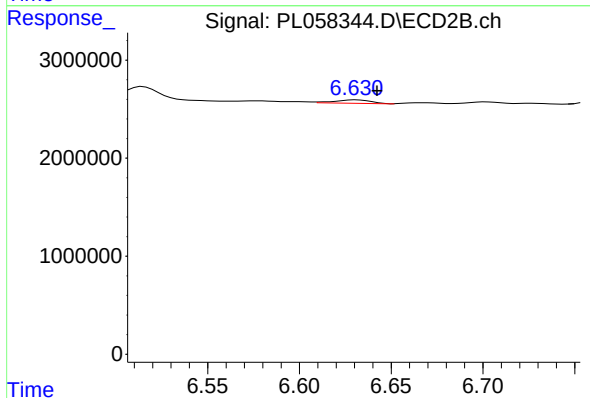




#14 Endrin

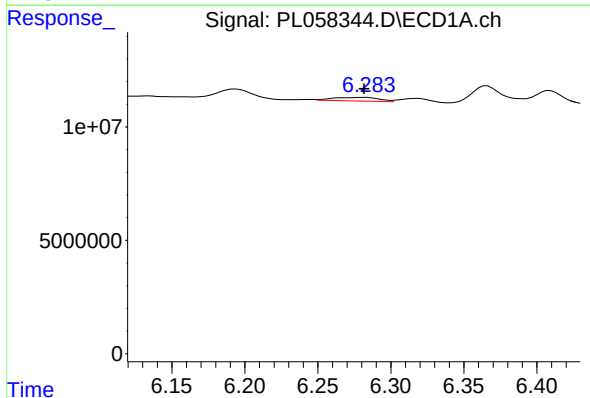
R.T.: 6.000 min  
Delta R.T.: -0.008 min  
Response: 2423365  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



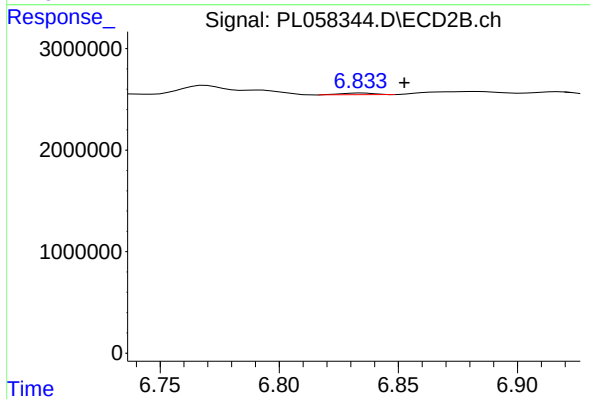
#14 Endrin

R.T.: 6.631 min  
Delta R.T.: -0.011 min  
Response: 470774  
Conc: 0.19 ng/ml



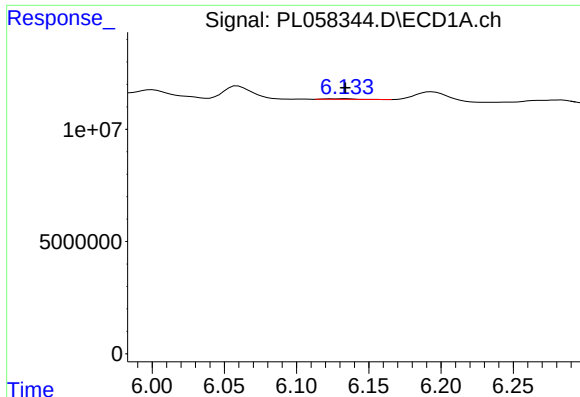
#15 Endosulfan II

R.T.: 6.283 min  
Delta R.T.: 0.001 min  
Response: 3533752  
Conc: 0.32 ng/ml



#15 Endosulfan II

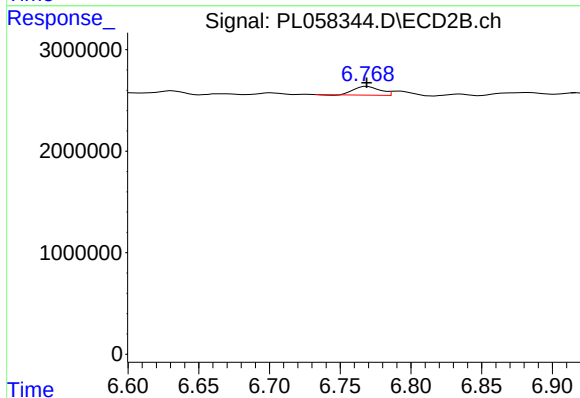
R.T.: 6.835 min  
Delta R.T.: -0.018 min  
Response: 154331  
Conc: 0.06 ng/ml



#16 4,4'-DDD

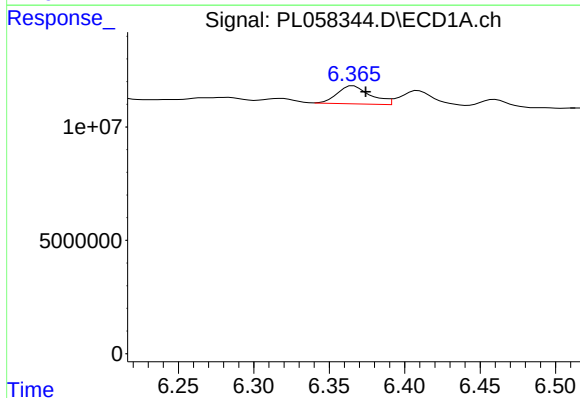
R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 456468  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



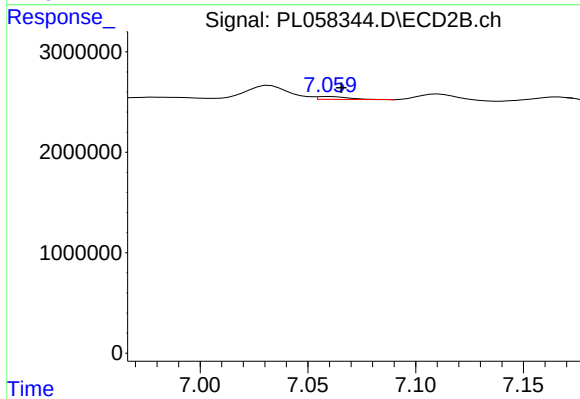
#16 4,4'-DDD

R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 1111072  
Conc: 0.49 ng/ml



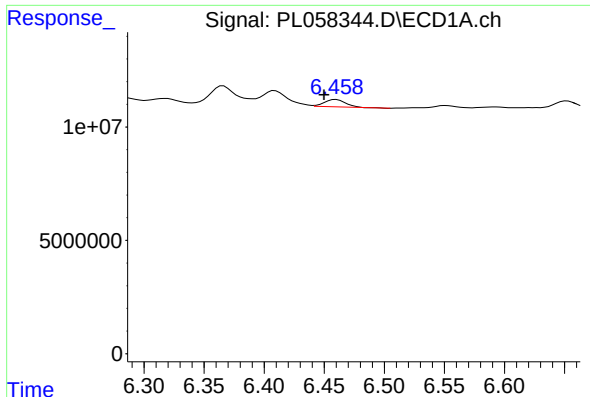
#17 4,4'-DDT

R.T.: 6.366 min  
Delta R.T.: -0.008 min  
Response: 12091492  
Conc: 1.19 ng/ml



#17 4,4'-DDT

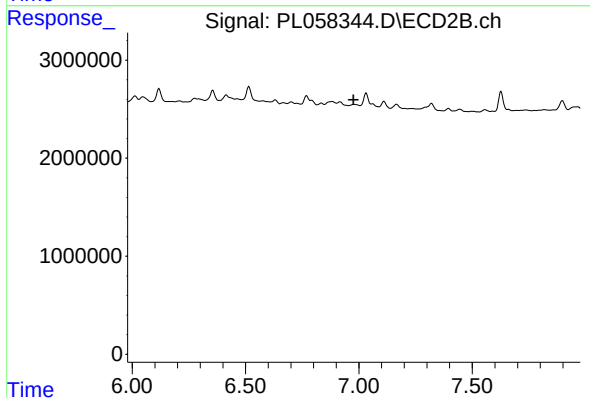
R.T.: 7.060 min  
Delta R.T.: -0.005 min  
Response: 292137  
Conc: 0.13 ng/ml



#18 Endrin aldehyde

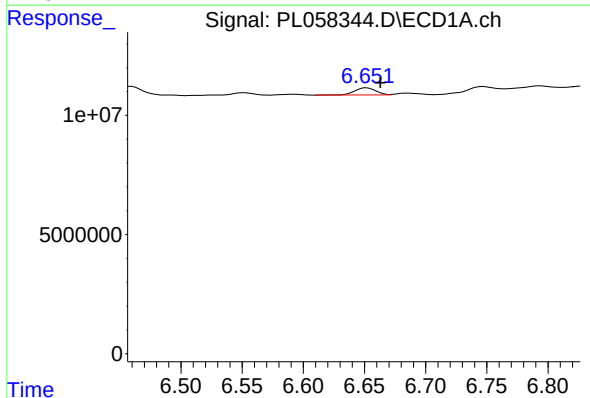
R.T.: 6.460 min  
Delta R.T.: 0.010 min  
Response: 4027161  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



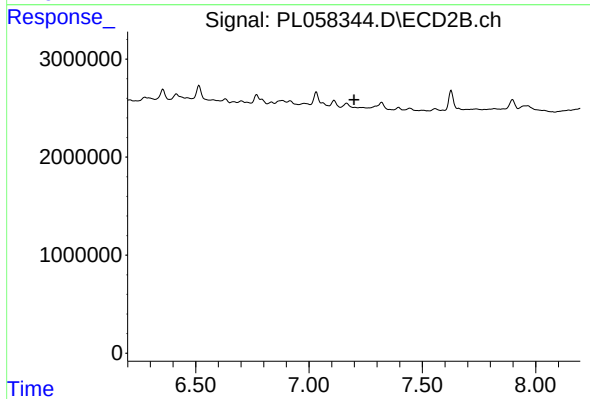
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.976 min  
Response: 0  
Conc: N.D.



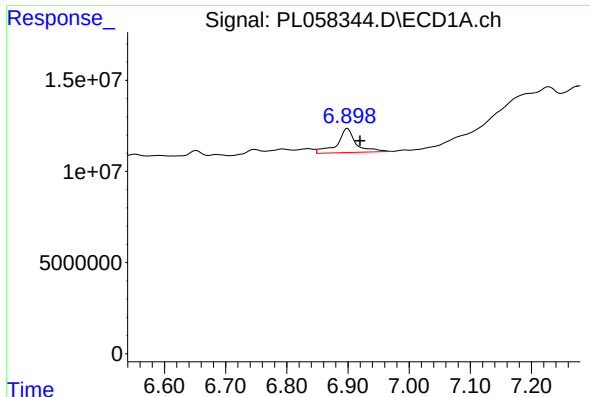
#19 Endosulfan Sulfate

R.T.: 6.652 min  
Delta R.T.: -0.011 min  
Response: 3545639  
Conc: 0.35 ng/ml



#19 Endosulfan Sulfate

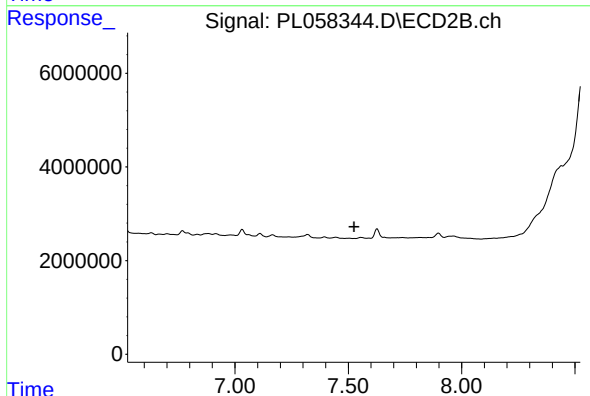
R.T.: 0.000 min  
Exp R.T. : 7.199 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

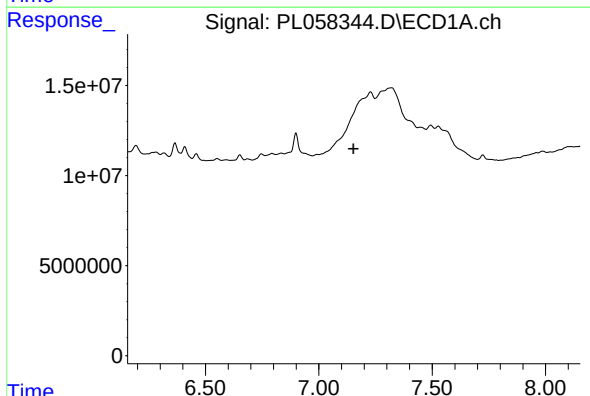
R.T.: 6.899 min  
Delta R.T.: -0.020 min  
Response: 28323611  
Conc: 5.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



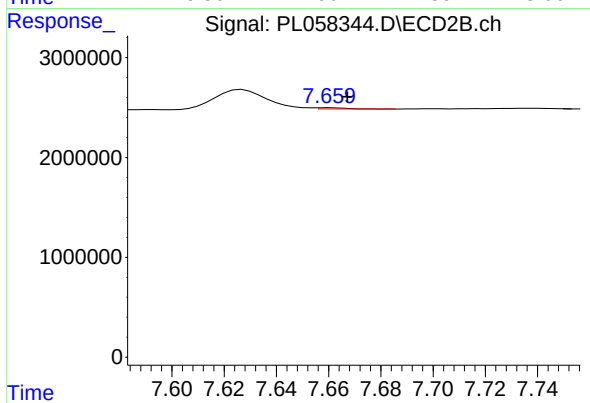
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.525 min  
Response: 0  
Conc: N.D.



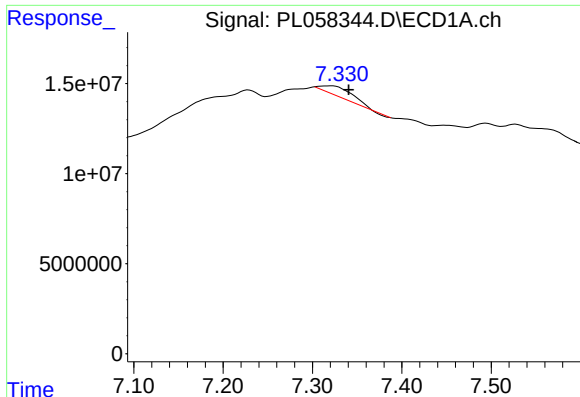
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.153 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

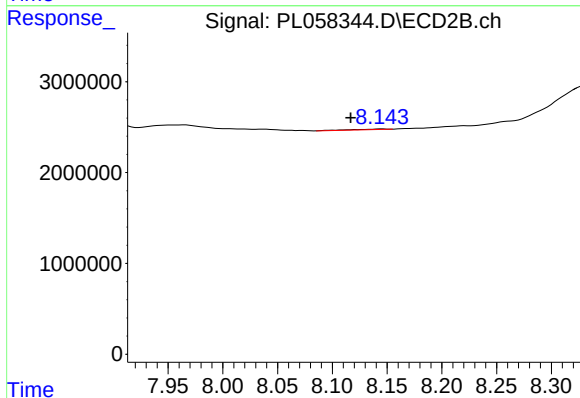
R.T.: 7.661 min  
Delta R.T.: -0.006 min  
Response: 85122  
Conc: 0.03 ng/ml



#22 Mirex

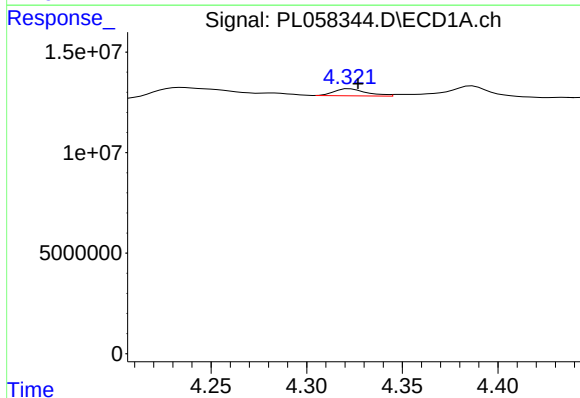
R.T.: 7.322 min  
Delta R.T.: -0.019 min  
Response: 10240740  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



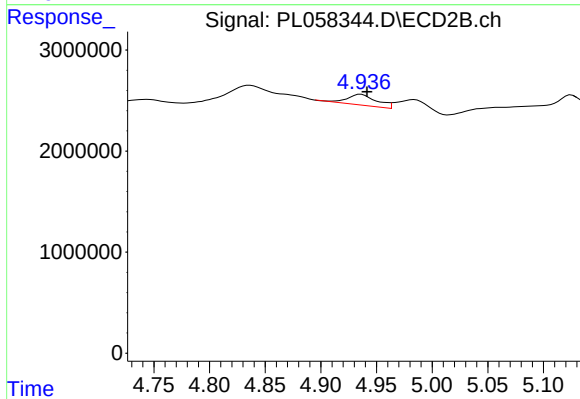
#22 Mirex

R.T.: 8.146 min  
Delta R.T.: 0.029 min  
Response: 126707  
Conc: 0.07 ng/ml



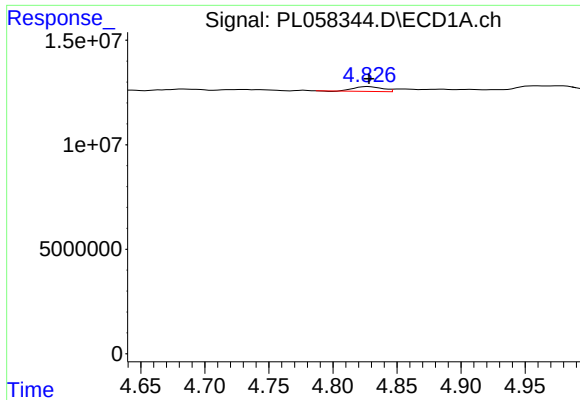
#23 Chlordane-1

R.T.: 4.323 min  
Delta R.T.: -0.004 min  
Response: 4106159  
Conc: 11.10 ng/ml



#23 Chlordane-1

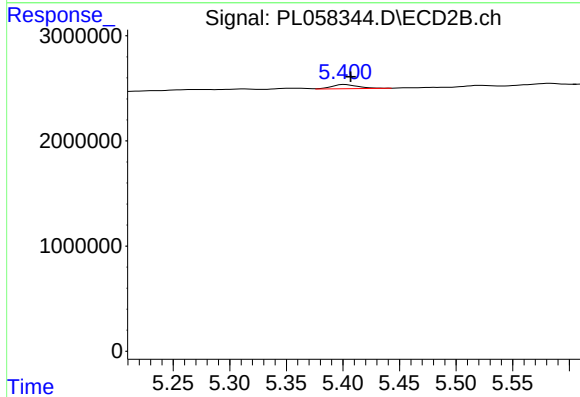
R.T.: 4.936 min  
Delta R.T.: -0.006 min  
Response: 1999688  
Conc: 22.68 ng/ml



#24 Chlordane-2

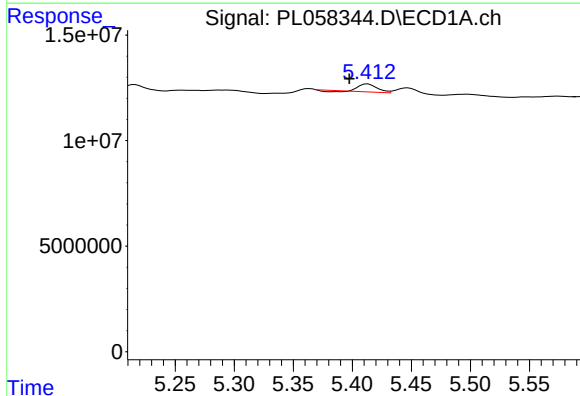
R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 3672074  
Conc: 9.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



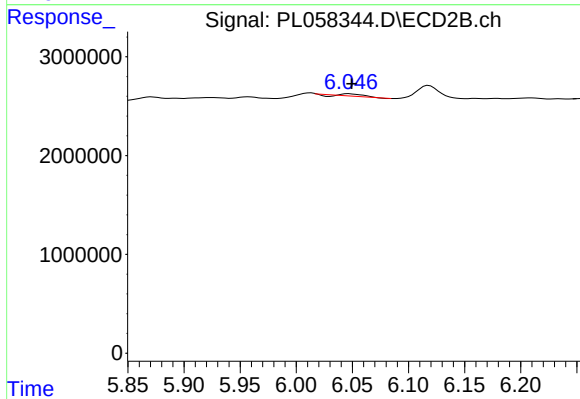
#24 Chlordane-2

R.T.: 5.402 min  
Delta R.T.: -0.005 min  
Response: 661419  
Conc: 6.34 ng/ml



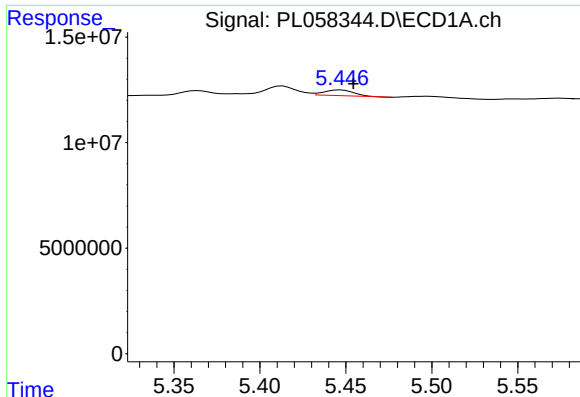
#25 Chlordane-3

R.T.: 5.413 min  
Delta R.T.: 0.016 min  
Response: 3895039  
Conc: 3.19 ng/ml



#25 Chlordane-3

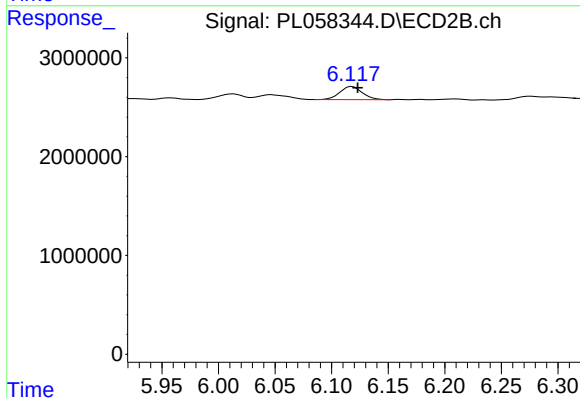
R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 277808  
Conc: 0.64 ng/ml



#26 Chlordane-4

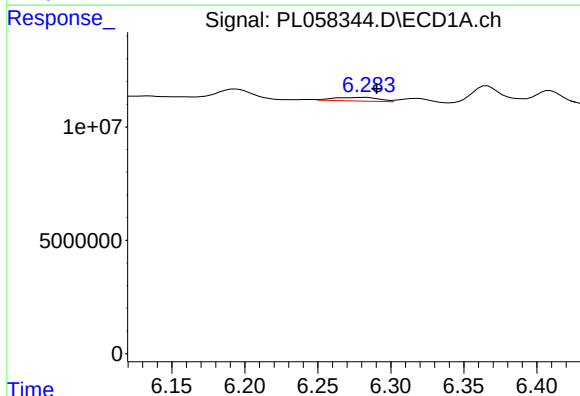
R.T.: 5.447 min  
Delta R.T.: -0.007 min  
Response: 3324267  
Conc: 3.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



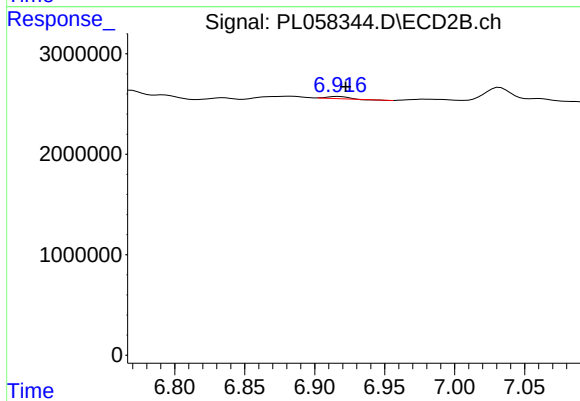
#26 Chlordane-4

R.T.: 6.118 min  
Delta R.T.: -0.005 min  
Response: 1865286  
Conc: 3.55 ng/ml



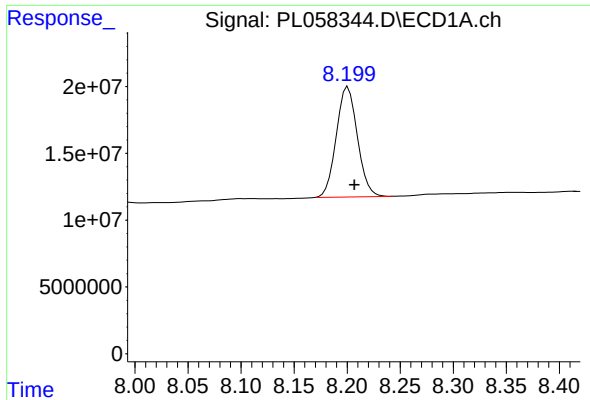
#27 Chlordane-5

R.T.: 6.283 min  
Delta R.T.: -0.007 min  
Response: 3533752  
Conc: 9.34 ng/ml



#27 Chlordane-5

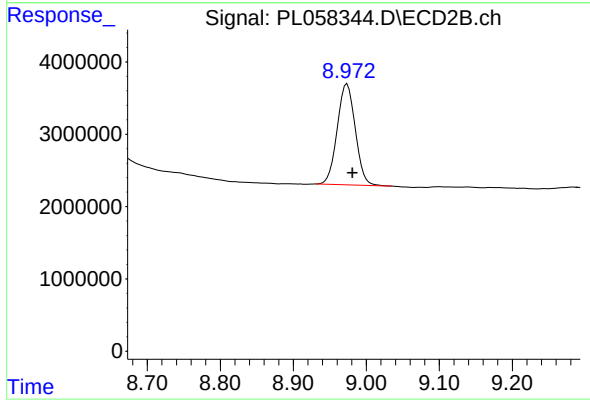
R.T.: 6.917 min  
Delta R.T.: -0.005 min  
Response: 205454  
Conc: 2.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: -0.006 min  
Response: 114003604  
Conc: 11.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: -0.007 min  
Response: 24022569  
Conc: 10.75 ng/ml