

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
 Data File : PL089335.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2024 18:38  
 Operator : AR\AJ  
 Sample : P2330-15  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 C-3(0.5-1.5)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 02 23:10:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 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... | 3.550  | 2.797  | 45313999 | 29309479 | 22.503 | 22.844   |
| 28)                         | SA Decachlor... | 9.064  | 7.948  | 28088048 | 25752195 | 20.077 | 19.144   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.985f | 3.289  | 197164   | 187266   | 0.069  | 0.099 #  |
| 3)                          | MA gamma-BHC... | 4.341  | 3.652f | 107354   | 240739   | 0.039  | 0.130 #  |
| 4)                          | MA Heptachlor   | 4.918  | 3.982  | 494055   | 23077    | 0.199  | 0.013 #  |
| 5)                          | MB Aldrin       | 5.263  | 4.246  | 1507764  | 540935   | 0.587  | 0.306 #  |
| 6)                          | B beta-BHC      | 4.546  | 3.940  | 1251102  | 178473   | 0.992  | 0.219 #  |
| 7)                          | B delta-BHC     | 4.760f | 4.154  | 692629   | 287274   | 0.261  | 0.160 #  |
| 8)                          | B Heptachlo...  | 5.696  | 4.785f | 2019179  | 71391    | 0.861  | 0.044 #  |
| 9)                          | A Endosulfan I  | 6.079  | 0.000  | 360120   | 0        | 0.168  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.945  | 5.010  | 1865154  | 293253   | 0.816  | 0.179 #  |
| 11)                         | B alpha-Chl...  | 6.029  | 5.070  | 1253975  | 302917   | 0.551  | 0.184 #  |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.267  | 125804   | 31249    | 0.062  | 0.021 #  |
| 13)                         | MA Dieldrin     | 6.342  | 5.409f | -17071   | 157035   | N.D.   | 0.098    |
| 14)                         | MA Endrin       | 6.587  | 5.686f | 34089    | 619340   | 0.018  | 0.431 #  |
| 15)                         | B Endosulfa...  | 6.787  | 5.964  | 69829    | 372025   | 0.035  | 0.259 #  |
| 16)                         | A 4,4'-DDD      | 6.718  | 0.000  | 207337   | 0        | 0.123  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.013f | 6.075  | 6127960  | 487880   | 3.332  | 0.361 #  |
| 18)                         | B Endrin al...  | 6.929  | 6.145  | 614131   | 125388   | 0.406  | 0.113 #  |
| 19)                         | B Endosulfa...  | 7.161  | 6.341f | 1034043  | 147819   | 0.572  | 0.107 #  |
| 20)                         | A Methoxychlor  | 7.501  | 6.625f | 632389   | 215702   | 0.643  | 0.270 #  |
| 21)                         | B Endrin ke...  | 7.638  | 0.000  | 65064    | 0        | 0.033  | N.D. #   |
| 22)                         | Mirex           | 8.128  | 7.056  | 18015    | 586453   | 0.012  | 0.430 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.795  | 0        | 230379   | N.D.   | 4.682 #  |
| 24)                         | Chlordane-2     | 5.248  | 4.388  | 995144   | 529675   | 9.469  | 8.326    |
| 25)                         | Chlordane-3     | 5.945  | 5.010  | 1865154  | 293253   | 5.648  | 1.713 #  |
| 26)                         | Chlordane-4     | 6.029  | 5.070  | 1253975  | 302917   | 3.076  | 1.883 #  |
| 27)                         | Chlordane-5     | 6.867  | 5.757f | 67198    | 909846   | 0.807  | 17.778 # |
| -----                       |                 |        |        |          |          |        |          |

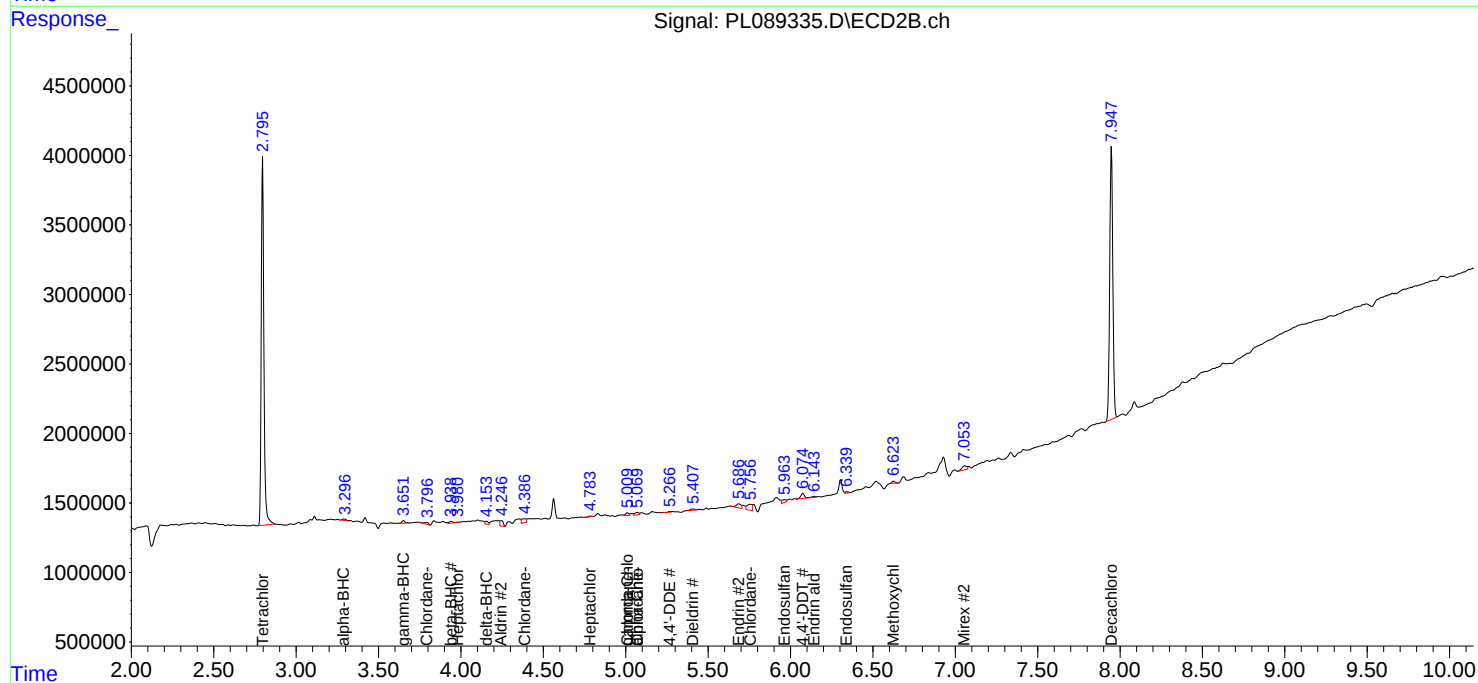
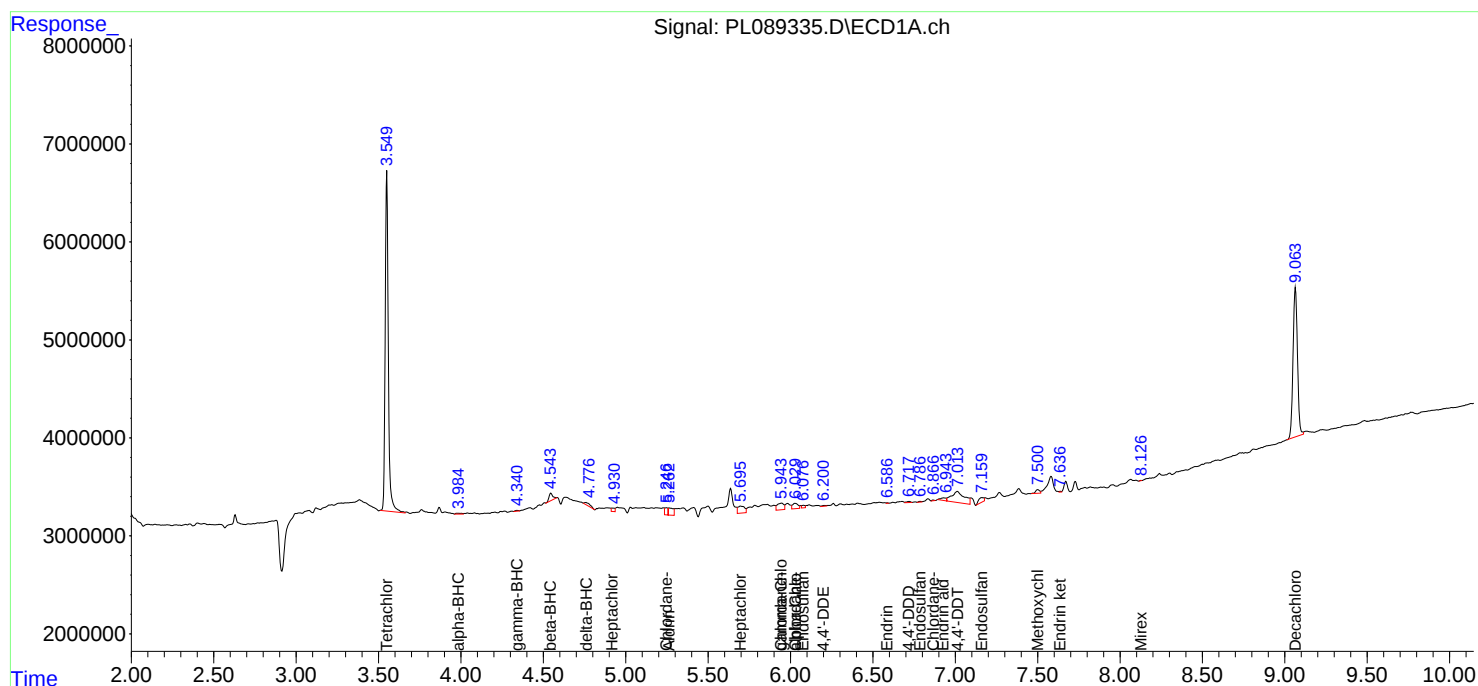
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

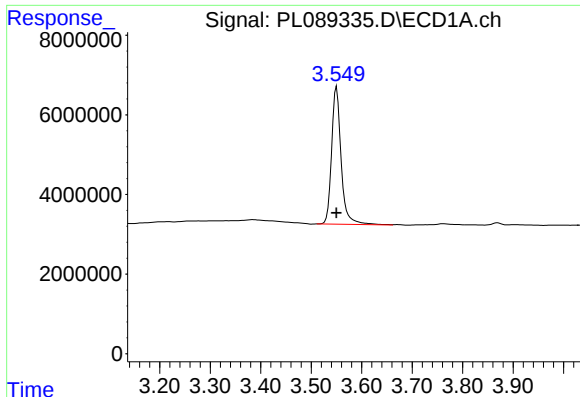
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
Data File : PL089335.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2024 18:38  
Operator : AR\AJ  
Sample : P2330-15  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 23:10:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
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

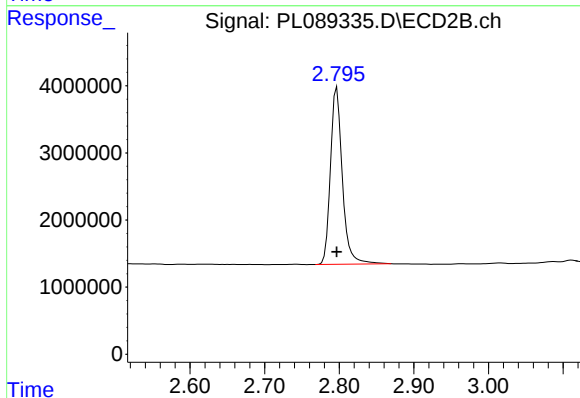




#1 Tetrachloro-m-xylene

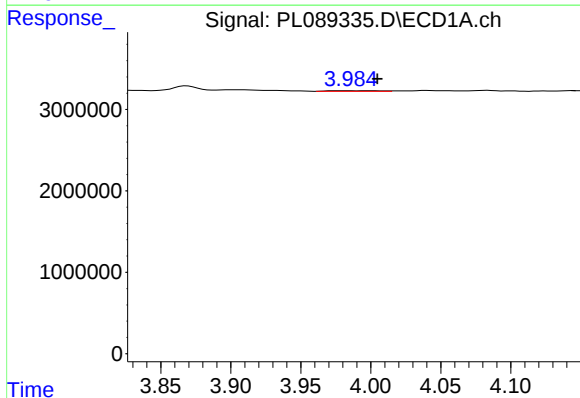
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 45313999  
Conc: 22.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



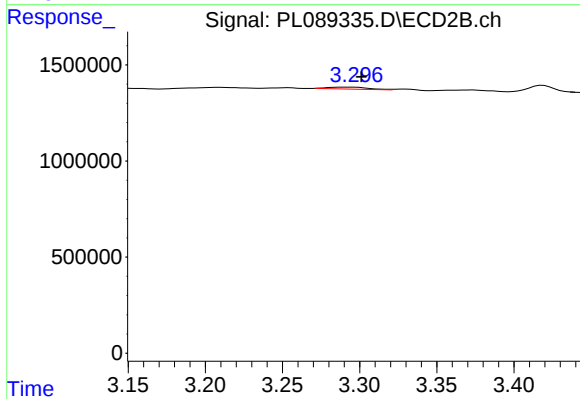
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 29309479  
Conc: 22.84 ng/ml



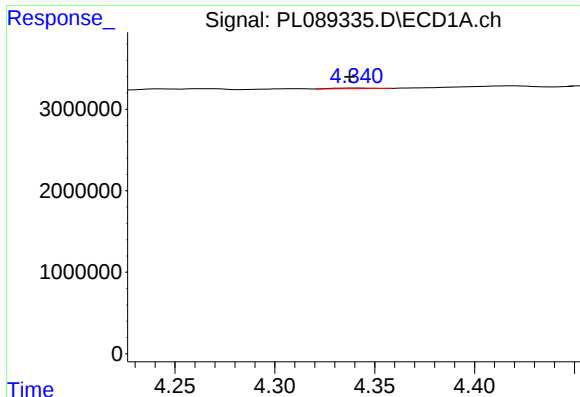
#2 alpha-BHC

R.T.: 3.985 min  
Delta R.T.: -0.020 min  
Response: 197164  
Conc: 0.07 ng/ml



#2 alpha-BHC

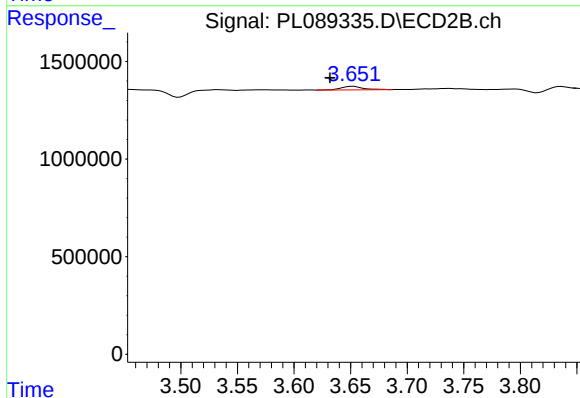
R.T.: 3.289 min  
Delta R.T.: -0.012 min  
Response: 187266  
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

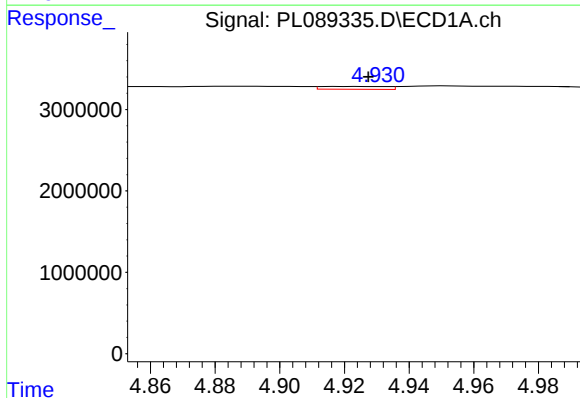
R.T.: 4.341 min  
Delta R.T.: 0.004 min  
Response: 107354  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



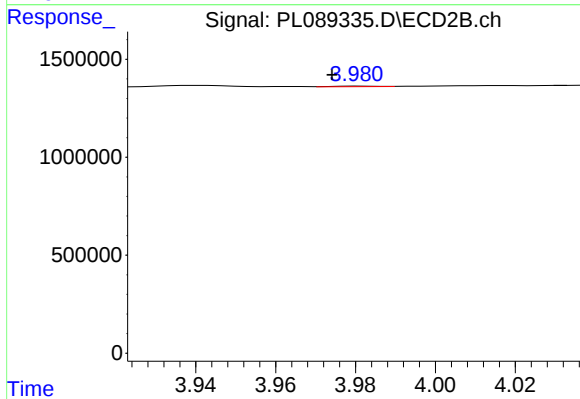
#3 gamma-BHC (Lindane)

R.T.: 3.652 min  
Delta R.T.: 0.020 min  
Response: 240739  
Conc: 0.13 ng/ml



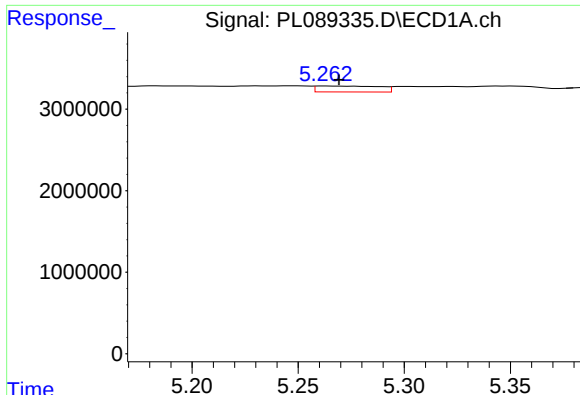
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.010 min  
Response: 494055  
Conc: 0.20 ng/ml



#4 Heptachlor

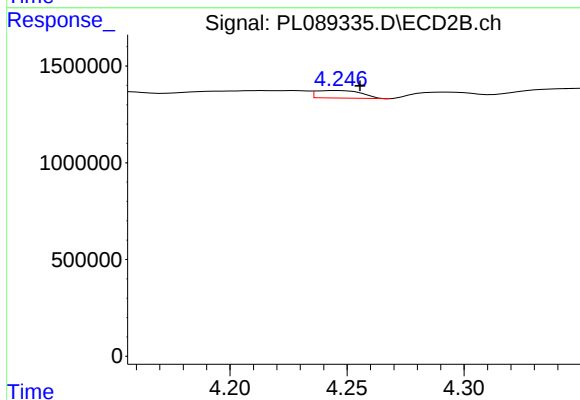
R.T.: 3.982 min  
Delta R.T.: 0.007 min  
Response: 23077  
Conc: 0.01 ng/ml



#5 Aldrin

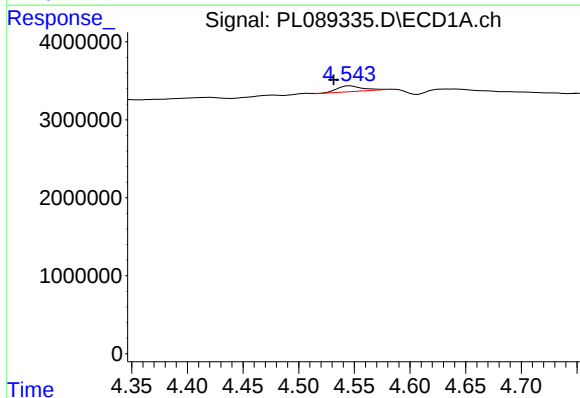
R.T.: 5.263 min  
Delta R.T.: -0.006 min  
Response: 1507764  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



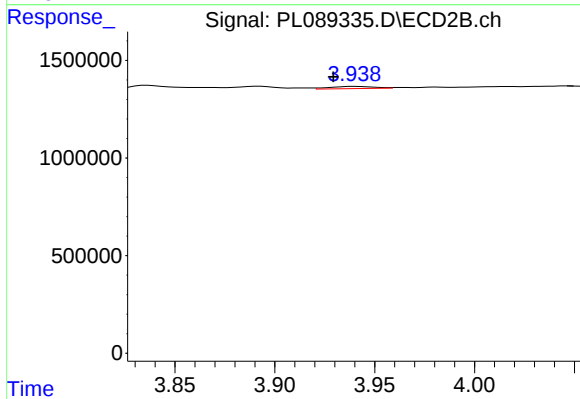
#5 Aldrin

R.T.: 4.246 min  
Delta R.T.: -0.009 min  
Response: 540935  
Conc: 0.31 ng/ml



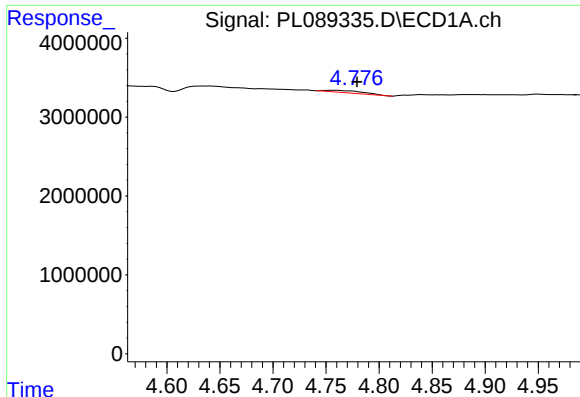
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.014 min  
Response: 1251102  
Conc: 0.99 ng/ml



#6 beta-BHC

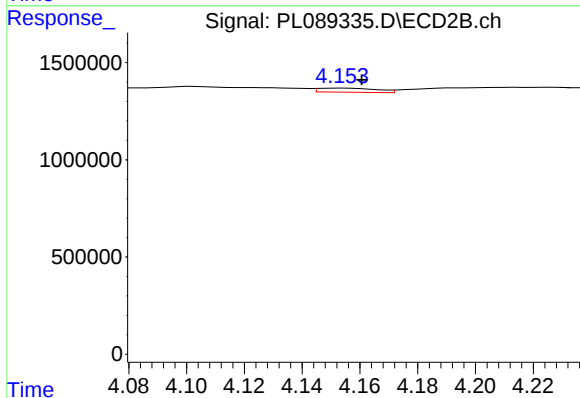
R.T.: 3.940 min  
Delta R.T.: 0.011 min  
Response: 178473  
Conc: 0.22 ng/ml



#7 delta-BHC

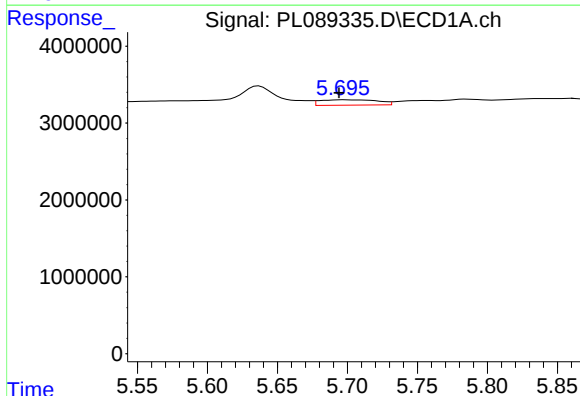
R.T.: 4.760 min  
Delta R.T.: -0.019 min  
Response: 692629  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



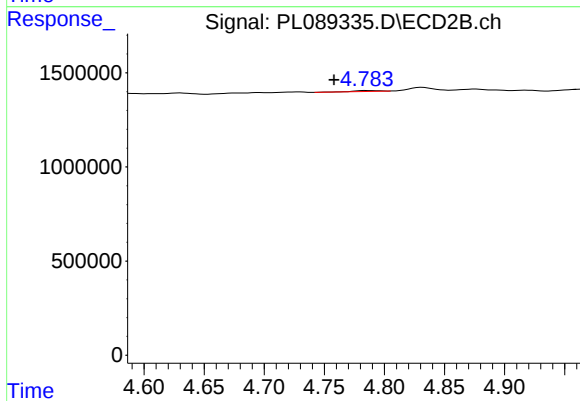
#7 delta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.007 min  
Response: 287274  
Conc: 0.16 ng/ml



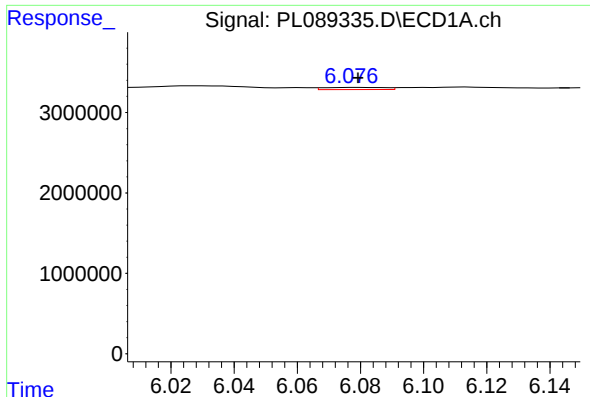
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.002 min  
Response: 2019179  
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

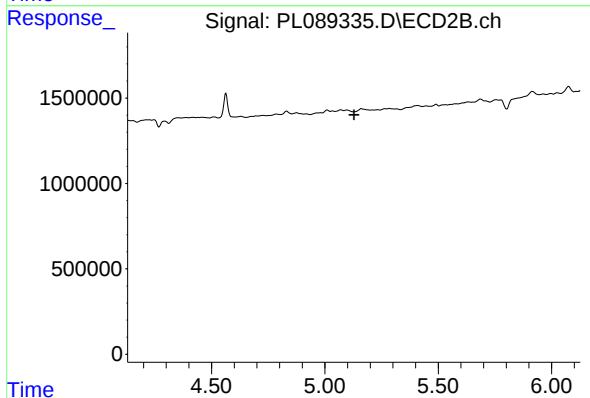
R.T.: 4.785 min  
Delta R.T.: 0.027 min  
Response: 71391  
Conc: 0.04 ng/ml



#9 Endosulfan I

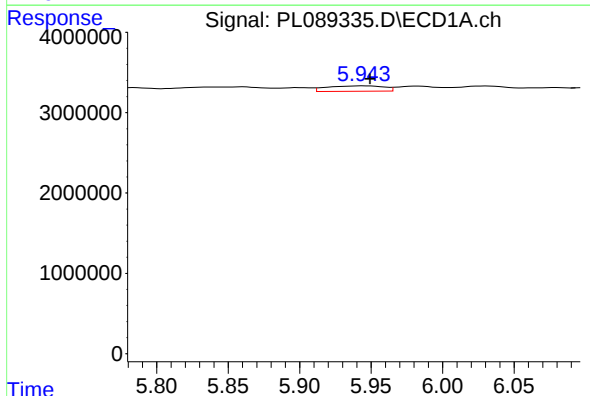
R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 360120  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



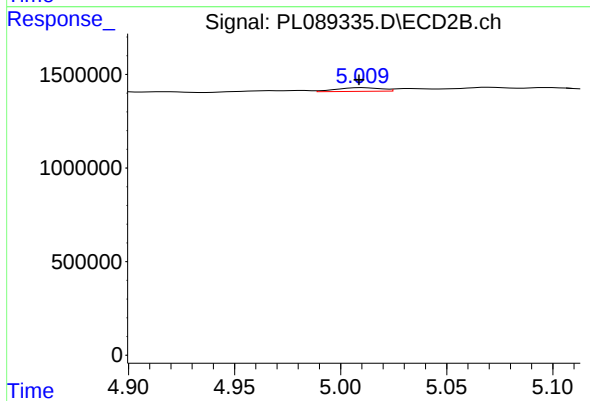
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.129 min  
Response: 0  
Conc: N.D.



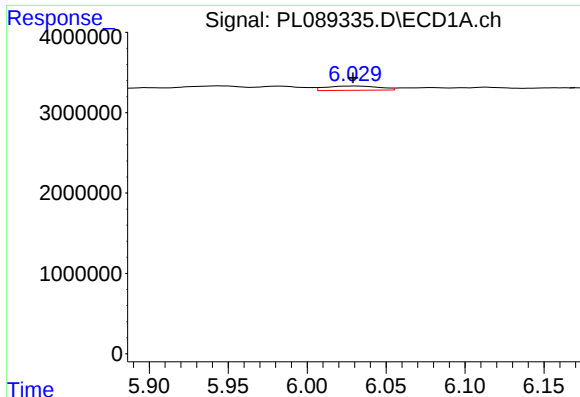
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.005 min  
Response: 1865154  
Conc: 0.82 ng/ml



#10 gamma-Chlordane

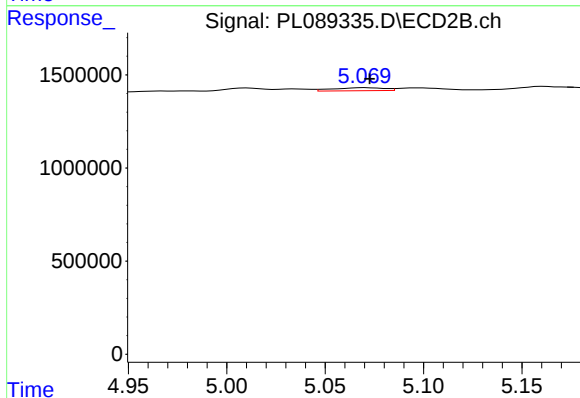
R.T.: 5.010 min  
Delta R.T.: 0.002 min  
Response: 293253  
Conc: 0.18 ng/ml



#11 alpha-Chlordane

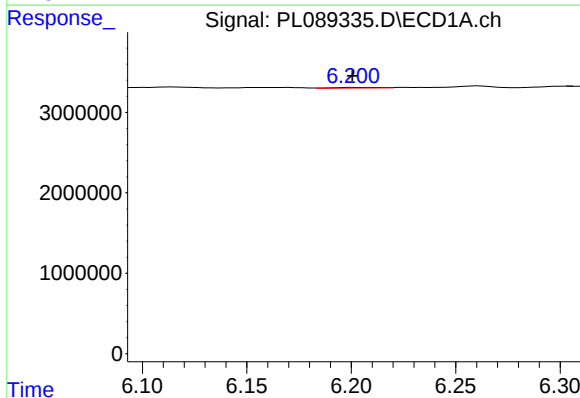
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 1253975  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



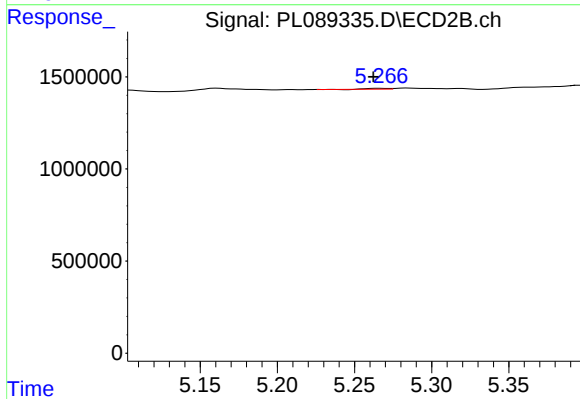
#11 alpha-Chlordane

R.T.: 5.070 min  
Delta R.T.: -0.003 min  
Response: 302917  
Conc: 0.18 ng/ml



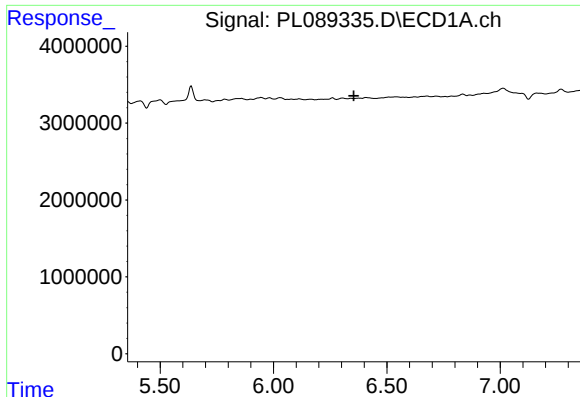
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 125804  
Conc: 0.06 ng/ml



#12 4,4'-DDE

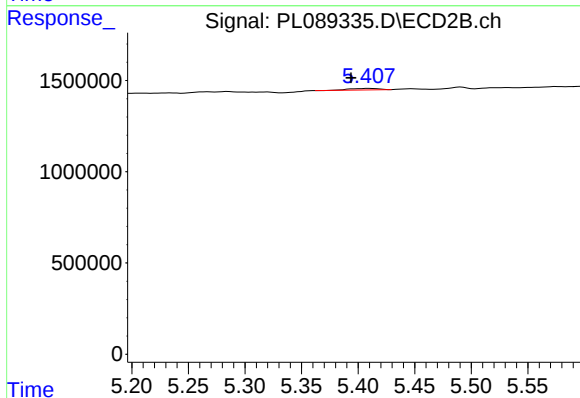
R.T.: 5.267 min  
Delta R.T.: 0.005 min  
Response: 31249  
Conc: 0.02 ng/ml



#13 Dieldrin

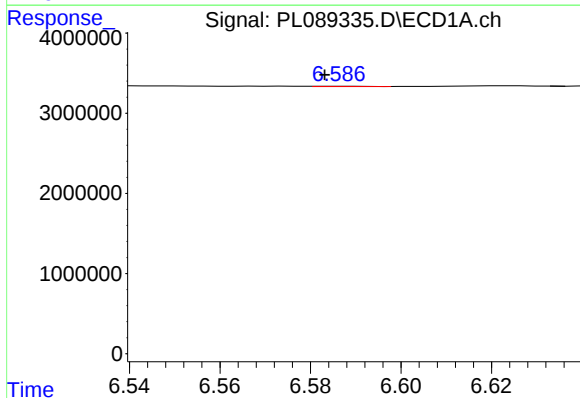
R.T.: 6.342 min  
Delta R.T.: -0.013 min  
Response: -17071  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



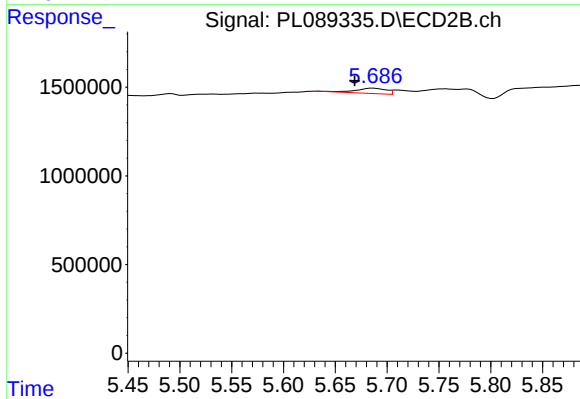
#13 Dieldrin

R.T.: 5.409 min  
Delta R.T.: 0.015 min  
Response: 157035  
Conc: 0.10 ng/ml



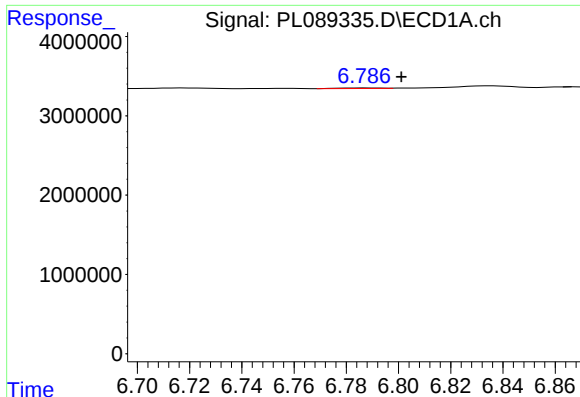
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.003 min  
Response: 34089  
Conc: 0.02 ng/ml



#14 Endrin

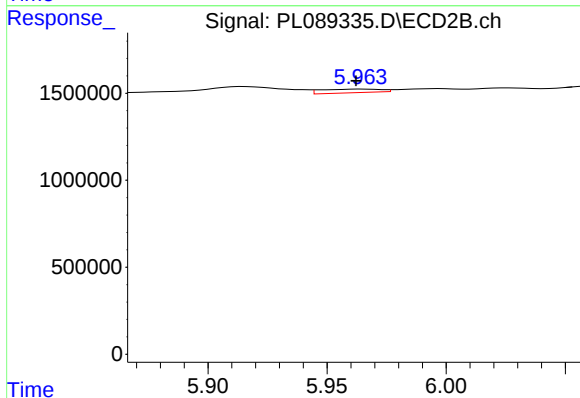
R.T.: 5.686 min  
Delta R.T.: 0.017 min  
Response: 619340  
Conc: 0.43 ng/ml



#15 Endosulfan II

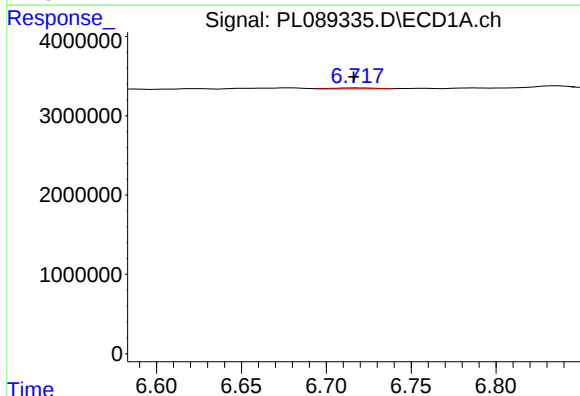
R.T.: 6.787 min  
Delta R.T.: -0.014 min  
Response: 69829  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



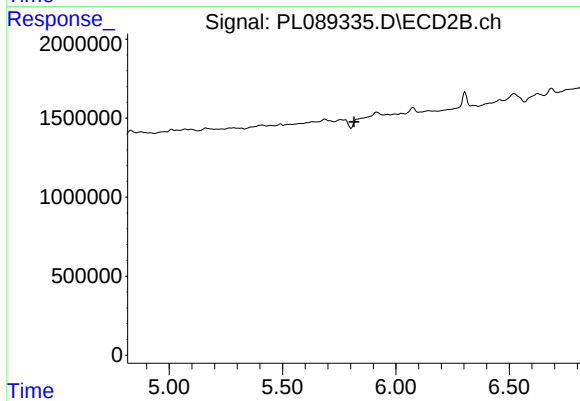
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: 0.002 min  
Response: 372025  
Conc: 0.26 ng/ml



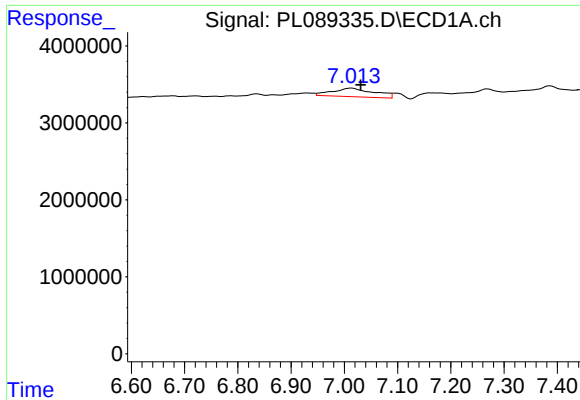
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.002 min  
Response: 207337  
Conc: 0.12 ng/ml



#16 4,4'-DDD

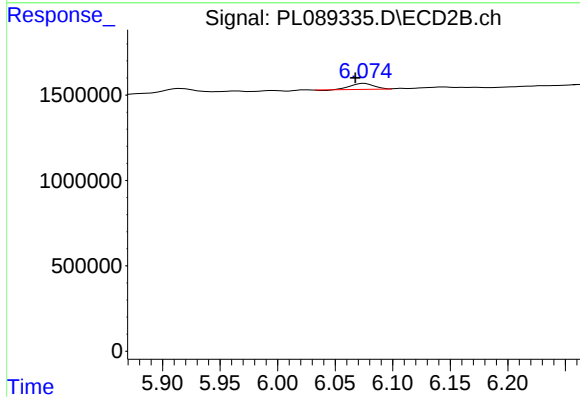
R.T.: 0.000 min  
Exp R.T.: 5.816 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

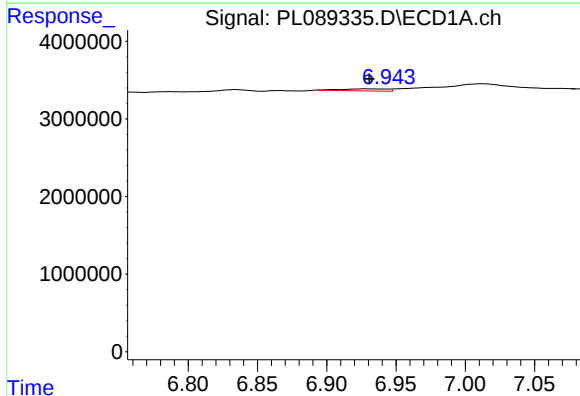
R.T.: 7.013 min  
Delta R.T.: -0.018 min  
Response: 6127960  
Conc: 3.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



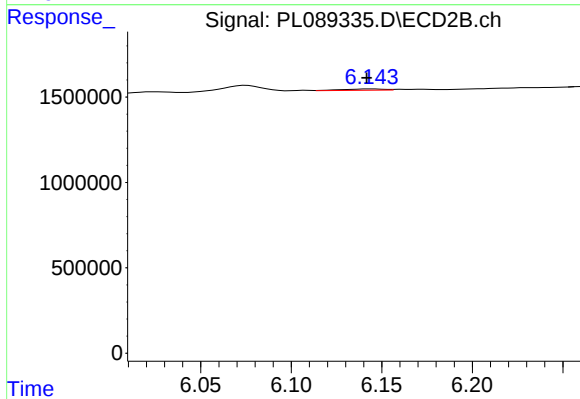
#17 4,4'-DDT

R.T.: 6.075 min  
Delta R.T.: 0.008 min  
Response: 487880  
Conc: 0.36 ng/ml



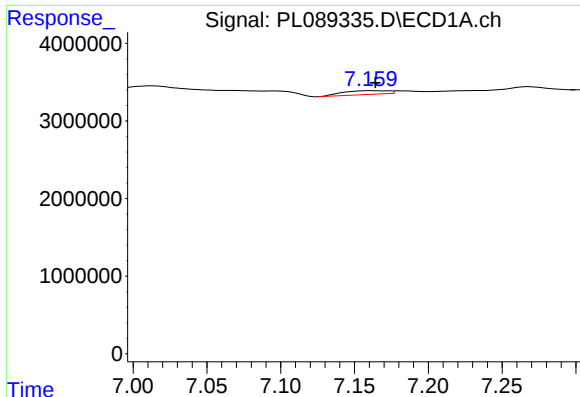
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: -0.002 min  
Response: 614131  
Conc: 0.41 ng/ml



#18 Endrin aldehyde

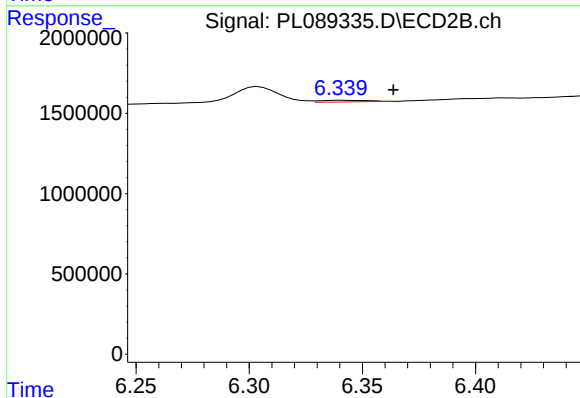
R.T.: 6.145 min  
Delta R.T.: 0.003 min  
Response: 125388  
Conc: 0.11 ng/ml



#19 Endosulfan Sulfate

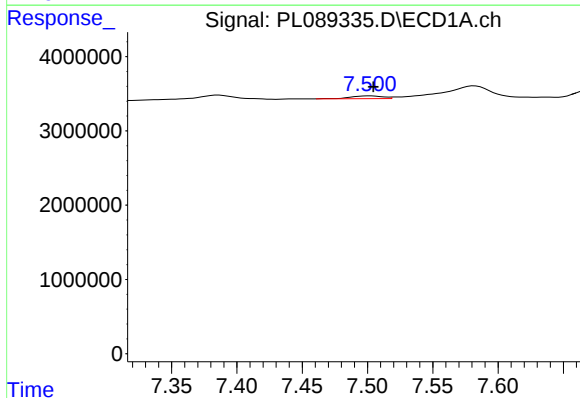
R.T.: 7.161 min  
Delta R.T.: -0.004 min  
Response: 1034043  
Conc: 0.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



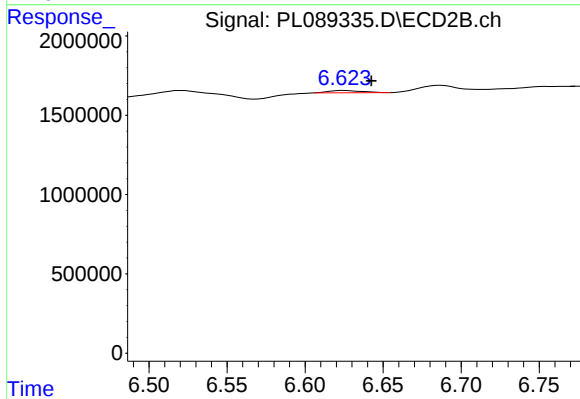
#19 Endosulfan Sulfate

R.T.: 6.341 min  
Delta R.T.: -0.023 min  
Response: 147819  
Conc: 0.11 ng/ml



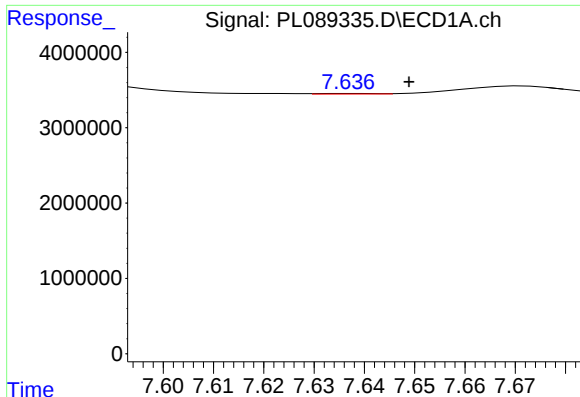
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.003 min  
Response: 632389  
Conc: 0.64 ng/ml



#20 Methoxychlor

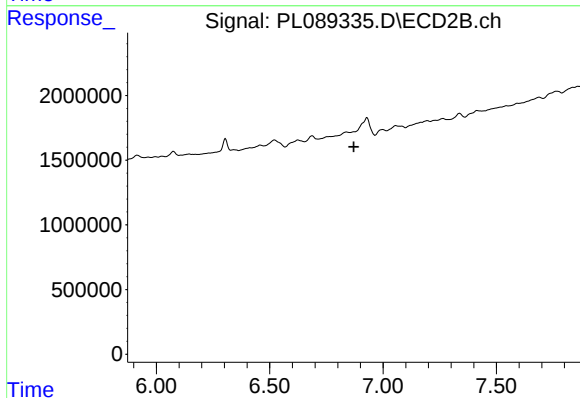
R.T.: 6.625 min  
Delta R.T.: -0.017 min  
Response: 215702  
Conc: 0.27 ng/ml



#21 Endrin ketone

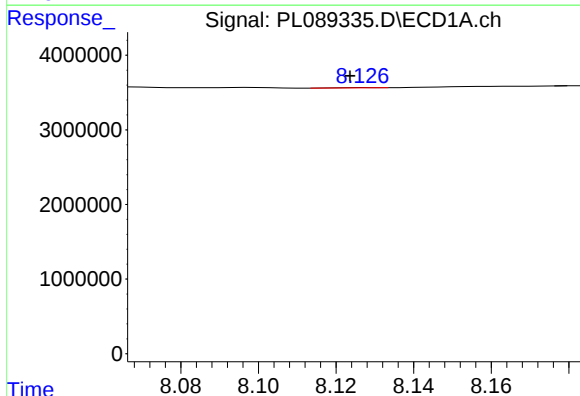
R.T.: 7.638 min  
Delta R.T.: -0.011 min  
Response: 65064  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



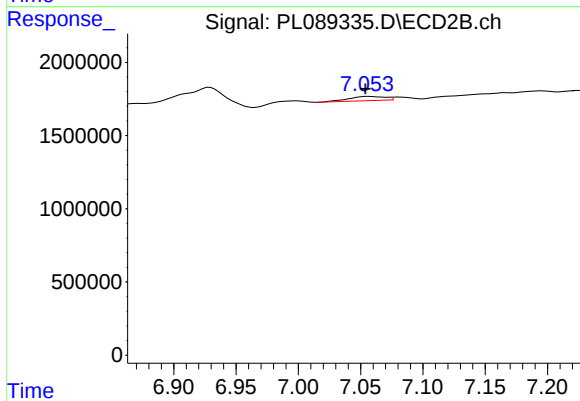
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



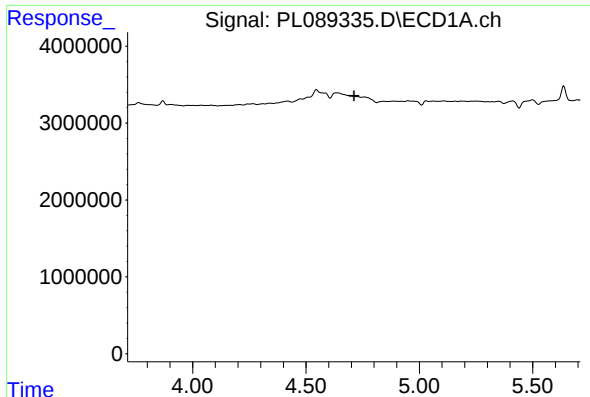
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.004 min  
Response: 18015  
Conc: 0.01 ng/ml



#22 Mirex

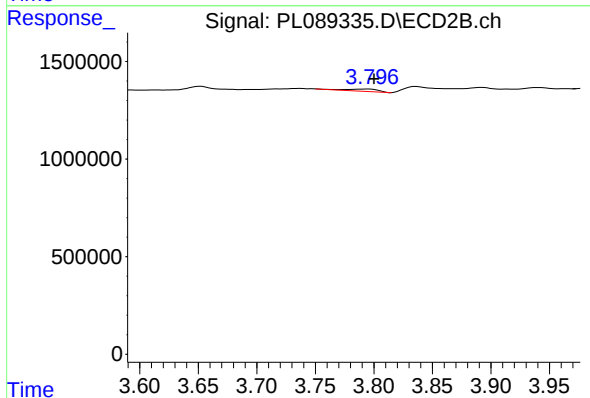
R.T.: 7.056 min  
Delta R.T.: 0.002 min  
Response: 586453  
Conc: 0.43 ng/ml



#23 Chlordane-1

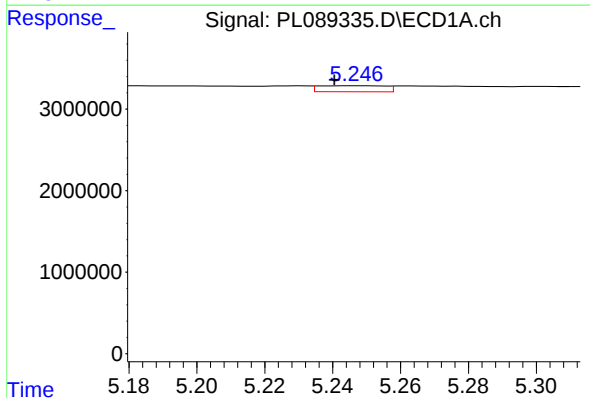
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



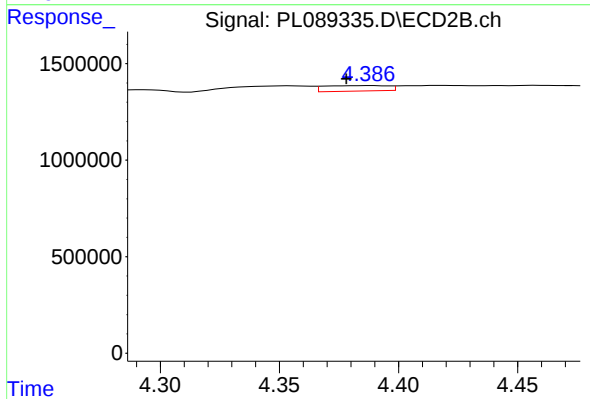
#23 Chlordane-1

R.T.: 3.795 min  
Delta R.T.: -0.005 min  
Response: 230379  
Conc: 4.68 ng/ml



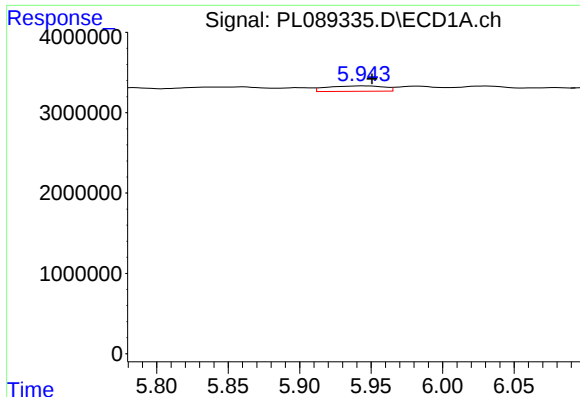
#24 Chlordane-2

R.T.: 5.248 min  
Delta R.T.: 0.007 min  
Response: 995144  
Conc: 9.47 ng/ml



#24 Chlordane-2

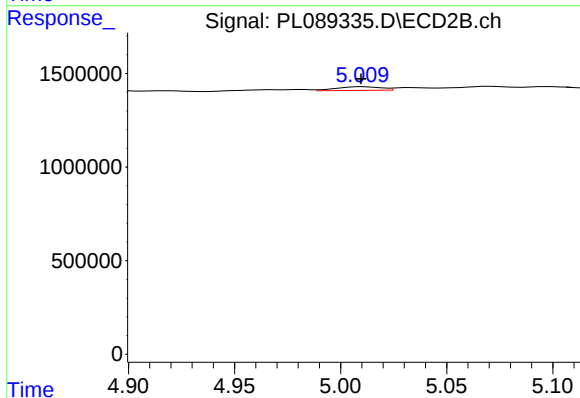
R.T.: 4.388 min  
Delta R.T.: 0.010 min  
Response: 529675  
Conc: 8.33 ng/ml



#25 Chlordane-3

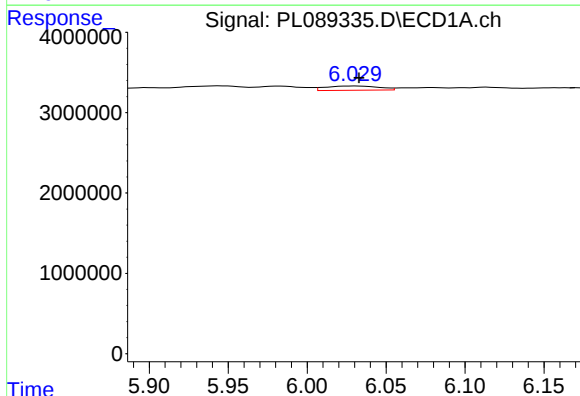
R.T.: 5.945 min  
Delta R.T.: -0.006 min  
Response: 1865154  
Conc: 5.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



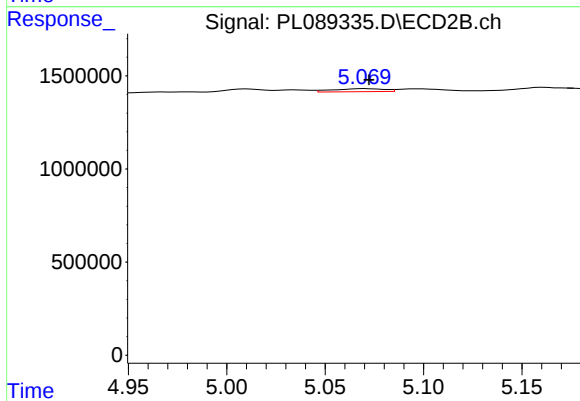
#25 Chlordane-3

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 293253  
Conc: 1.71 ng/ml



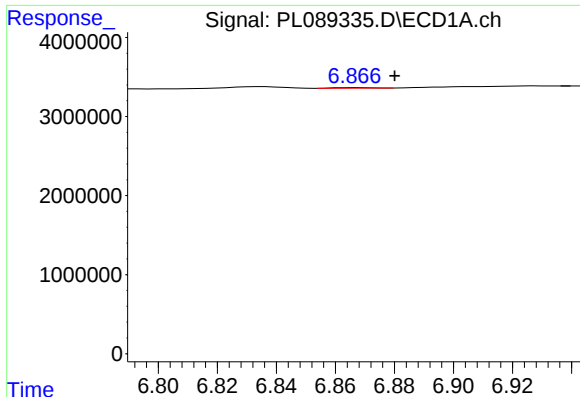
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: -0.004 min  
Response: 1253975  
Conc: 3.08 ng/ml



#26 Chlordane-4

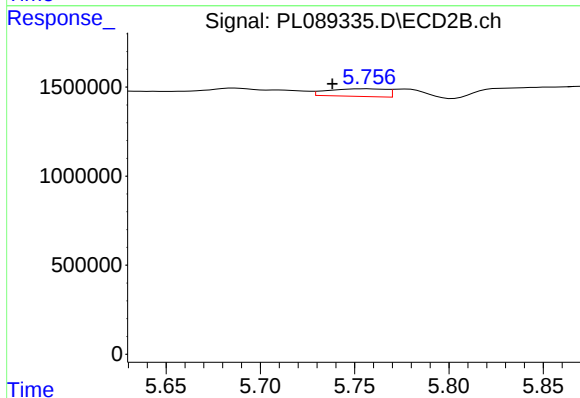
R.T.: 5.070 min  
Delta R.T.: -0.002 min  
Response: 302917  
Conc: 1.88 ng/ml



#27 Chlordane-5

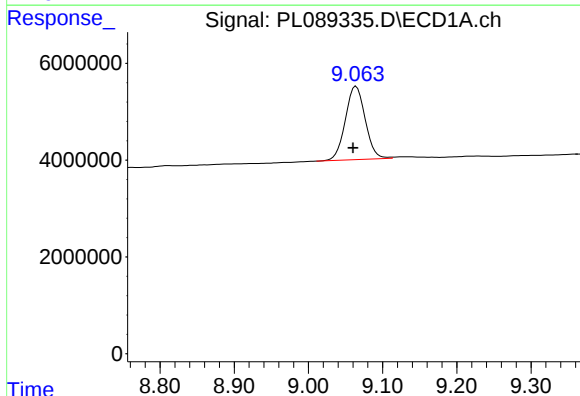
R.T.: 6.867 min  
Delta R.T.: -0.013 min  
Response: 67198  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C-3(0.5-1.5)



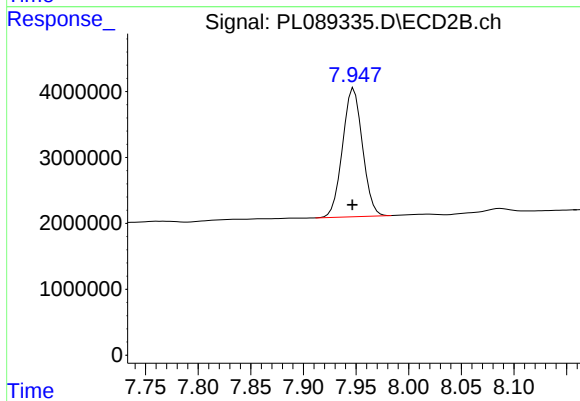
#27 Chlordane-5

R.T.: 5.757 min  
Delta R.T.: 0.019 min  
Response: 909846  
Conc: 17.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.004 min  
Response: 28088048  
Conc: 20.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: 0.001 min  
Response: 25752195  
Conc: 19.14 ng/ml