

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050924\  
 Data File : PL089420.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 May 2024 14:28  
 Operator : AR\AJ  
 Sample : PB160806BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB160806BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 10 00:51:01 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... | 3.554  | 2.797  | 41686715 | 26813820 | 20.702 | 20.899  |
| 28)                         | SA Decachlor... | 9.071  | 7.949  | 27421268 | 26736010 | 19.600 | 19.875  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.012  | 3.290  | 100618   | 128422   | 0.035  | 0.068 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.651f | 0        | 139276   | N.D.   | 0.075 # |
| 4)                          | MA Heptachlor   | 4.935  | 3.966  | 2602459  | 56526    | 1.049  | 0.032 # |
| 5)                          | MB Aldrin       | 5.259  | 4.239f | 3213553  | 29945    | 1.251  | 0.017 # |
| 6)                          | B beta-BHC      | 4.506f | 3.932  | 2031350  | 98891    | 1.610  | 0.121 # |
| 7)                          | B delta-BHC     | 4.777  | 4.161  | 2719831  | 52141    | 1.026  | 0.029 # |
| 8)                          | B Heptachlo...  | 5.702  | 4.757  | 4231861  | 17300    | 1.804  | 0.011 # |
| 9)                          | A Endosulfan I  | 6.089  | 5.129  | 1000525  | 40052    | 0.465  | 0.027 # |
| 10)                         | B gamma-Chl...  | 5.946  | 5.018  | 1844683  | 83287    | 0.807  | 0.051 # |
| 11)                         | B alpha-Chl...  | 6.030  | 5.077  | 1079525  | 163391   | 0.475  | 0.099 # |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.268  | 334313   | 22756    | 0.165  | 0.016 # |
| 13)                         | MA Dieldrin     | 6.362  | 5.391  | 62046    | 45593    | 0.028  | 0.028   |
| 14)                         | MA Endrin       | 6.588  | 5.690f | 102420   | 48497    | 0.054  | 0.034 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.964  | 0        | 38989    | N.D.   | 0.027 # |
| 16)                         | A 4,4'-DDD      | 6.726  | 5.819  | 33951    | 43768    | 0.020  | 0.035 # |
| 17)                         | MA 4,4'-DDT     | 7.011f | 0.000  | 1115901  | 0        | 0.607  | N.D. #  |
| 18)                         | B Endrin al...  | 6.937  | 6.140  | 101735   | 82218    | 0.067  | 0.074   |
| 19)                         | B Endosulfa...  | 7.168  | 6.379f | 98030    | 50198    | 0.054  | 0.036 # |
| 21)                         | B Endrin ke...  | 7.653  | 0.000  | 42915    | 0        | 0.021  | N.D. #  |
| 24)                         | Chlordane-2     | 5.259f | 4.371  | 3213553  | 159868   | 30.578 | 2.513 # |
| 25)                         | Chlordane-3     | 5.946  | 5.018  | 1844683  | 83287    | 5.586  | 0.486 # |
| 26)                         | Chlordane-4     | 6.030  | 5.077  | 1079525  | 163391   | 2.648  | 1.016 # |
| 27)                         | Chlordane-5     | 0.000  | 5.759f | 0        | 333396   | N.D.   | 6.514 # |
| -----                       |                 |        |        |          |          |        |         |

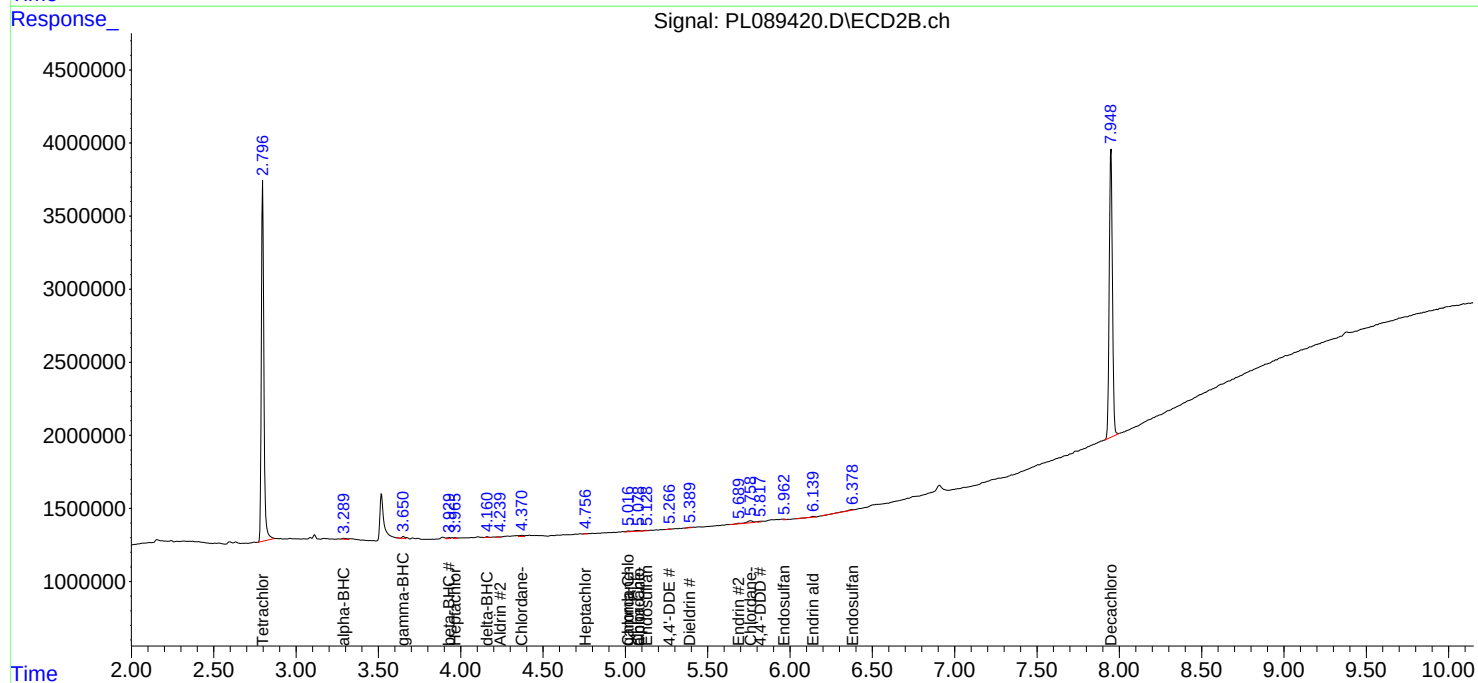
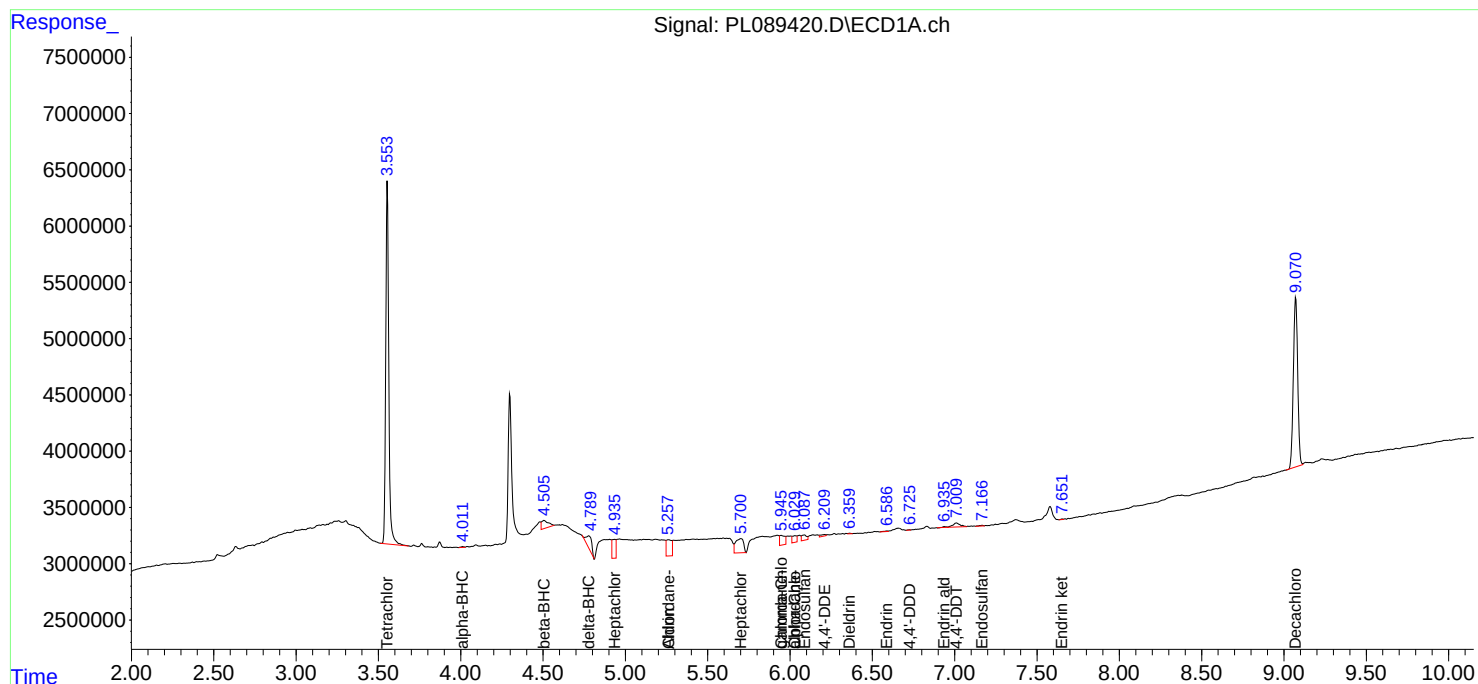
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

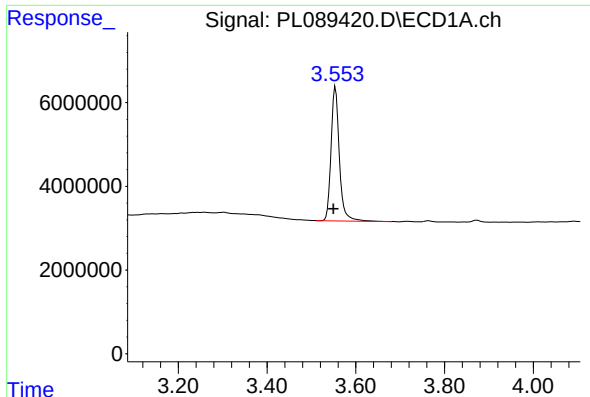
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050924\  
Data File : PL089420.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 May 2024 14:28  
Operator : AR\AJ  
Sample : PB160806BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 00:51:01 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

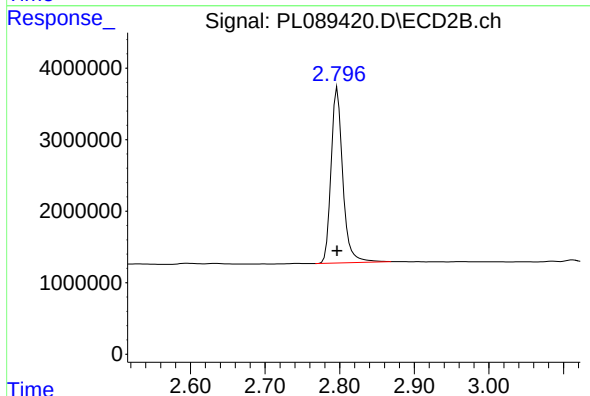




#1 Tetrachloro-m-xylene

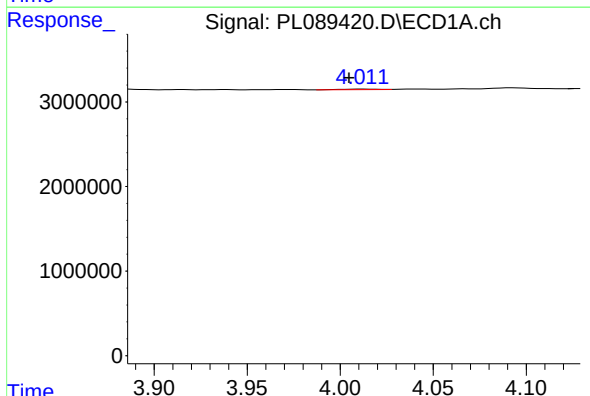
R.T.: 3.554 min  
Delta R.T.: 0.004 min  
Response: 41686715  
Conc: 20.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



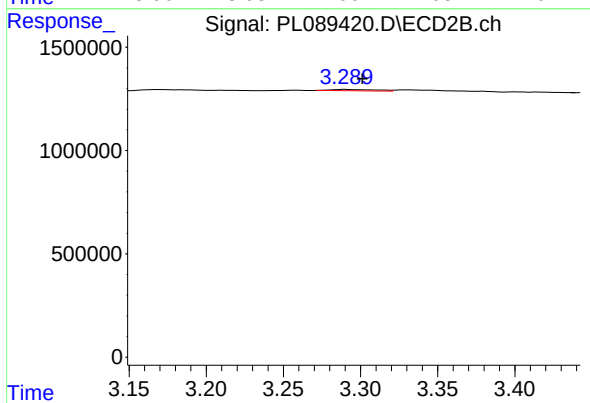
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 26813820  
Conc: 20.90 ng/ml



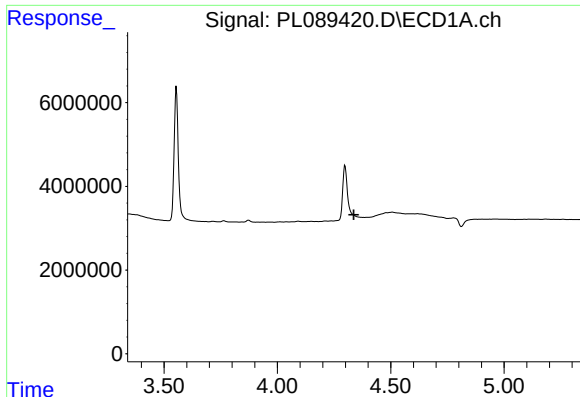
#2 alpha-BHC

R.T.: 4.012 min  
Delta R.T.: 0.007 min  
Response: 100618  
Conc: 0.04 ng/ml



#2 alpha-BHC

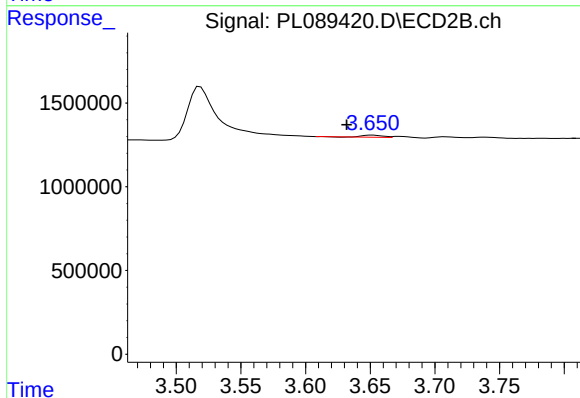
R.T.: 3.290 min  
Delta R.T.: -0.011 min  
Response: 128422  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

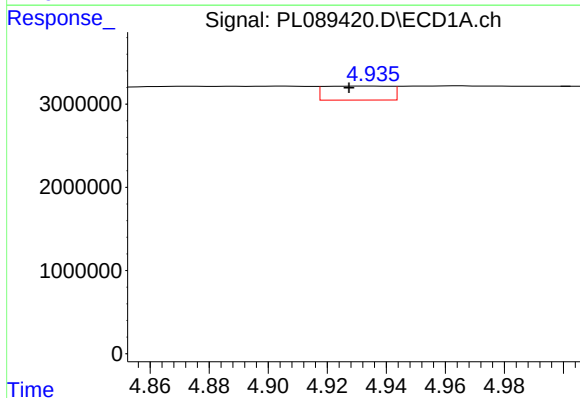
R.T.: 0.000 min  
Exp R.T.: 4.337 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



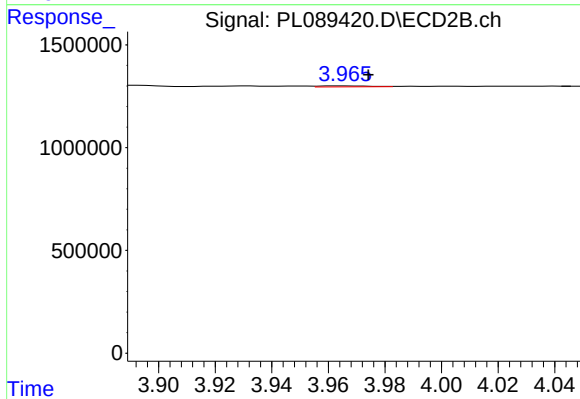
#3 gamma-BHC (Lindane)

R.T.: 3.651 min  
Delta R.T.: 0.019 min  
Response: 139276  
Conc: 0.08 ng/ml



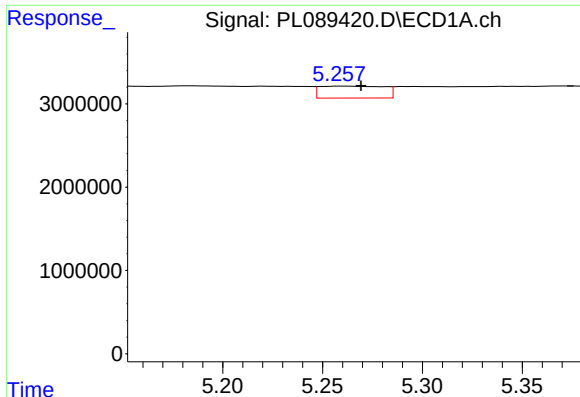
#4 Heptachlor

R.T.: 4.935 min  
Delta R.T.: 0.008 min  
Response: 2602459  
Conc: 1.05 ng/ml



#4 Heptachlor

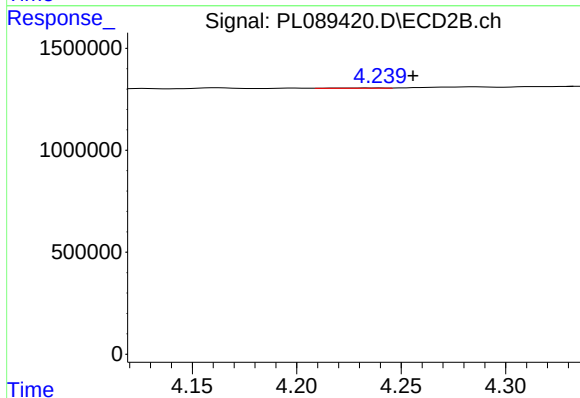
R.T.: 3.966 min  
Delta R.T.: -0.008 min  
Response: 56526  
Conc: 0.03 ng/ml



#5 Aldrin

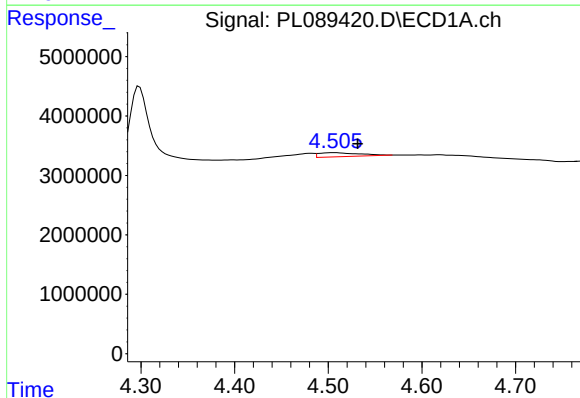
R.T.: 5.259 min  
Delta R.T.: -0.010 min  
Response: 3213553  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



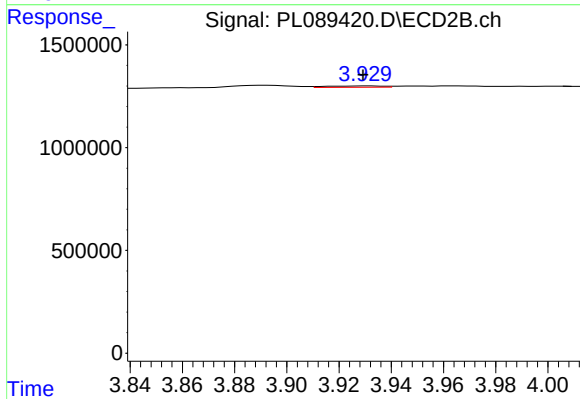
#5 Aldrin

R.T.: 4.239 min  
Delta R.T.: -0.016 min  
Response: 29945  
Conc: 0.02 ng/ml



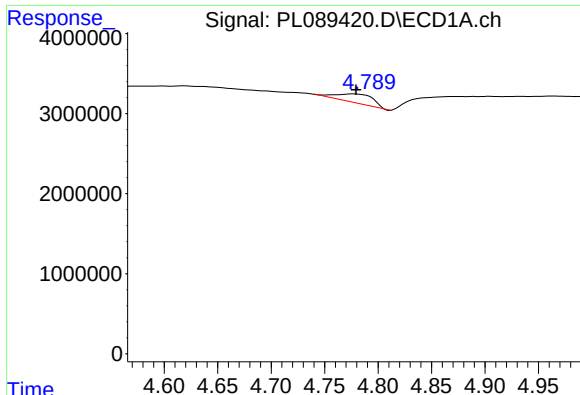
#6 beta-BHC

R.T.: 4.506 min  
Delta R.T.: -0.025 min  
Response: 2031350  
Conc: 1.61 ng/ml



#6 beta-BHC

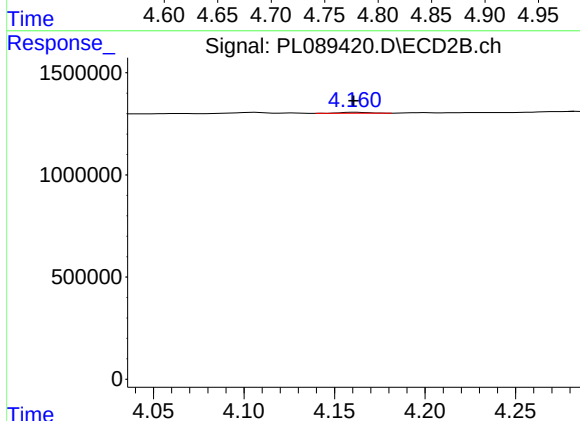
R.T.: 3.932 min  
Delta R.T.: 0.002 min  
Response: 98891  
Conc: 0.12 ng/ml



#7 delta-BHC

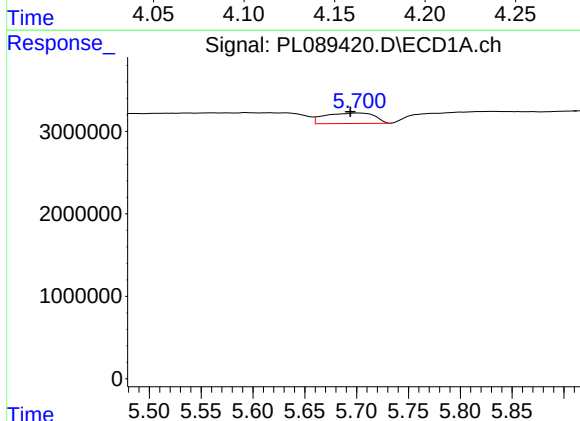
R.T.: 4.777 min  
Delta R.T.: -0.002 min  
Response: 2719831  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



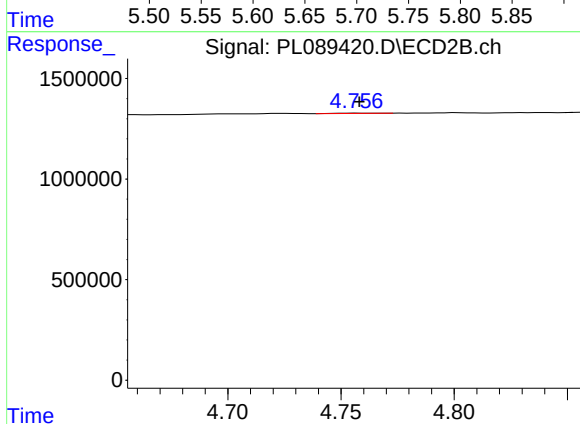
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 52141  
Conc: 0.03 ng/ml



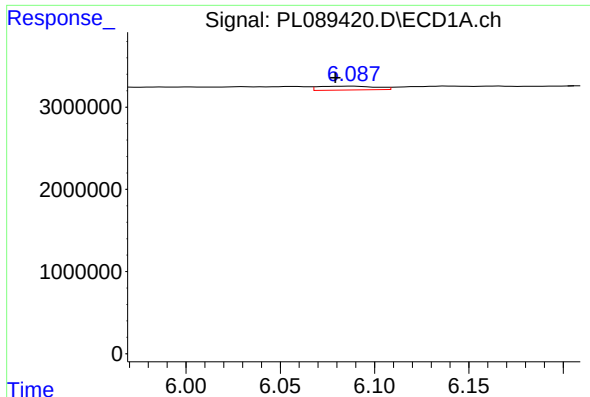
#8 Heptachlor epoxide

R.T.: 5.702 min  
Delta R.T.: 0.008 min  
Response: 4231861  
Conc: 1.80 ng/ml



#8 Heptachlor epoxide

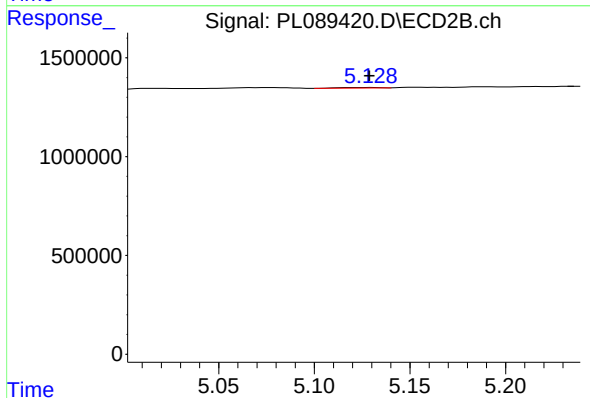
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 17300  
Conc: 0.01 ng/ml



#9 Endosulfan I

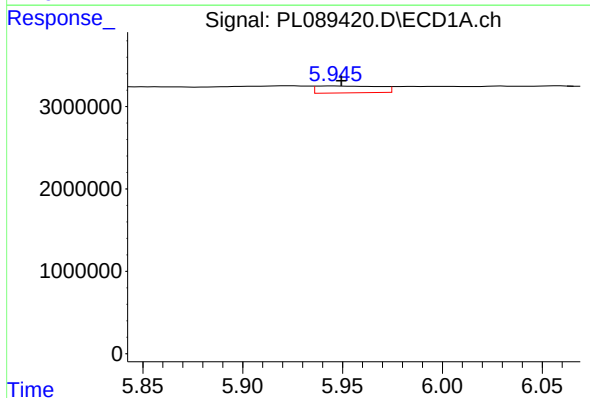
R.T.: 6.089 min  
Delta R.T.: 0.009 min  
Response: 1000525  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



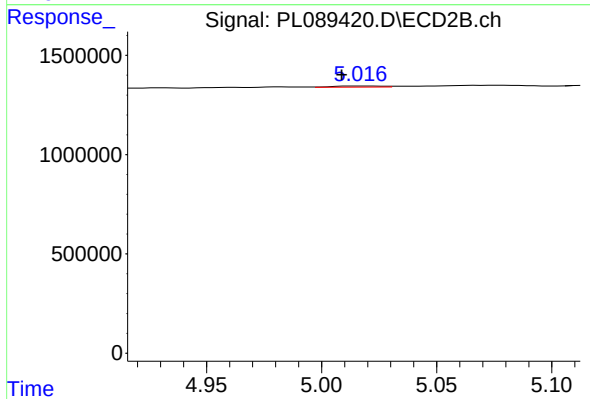
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 40052  
Conc: 0.03 ng/ml



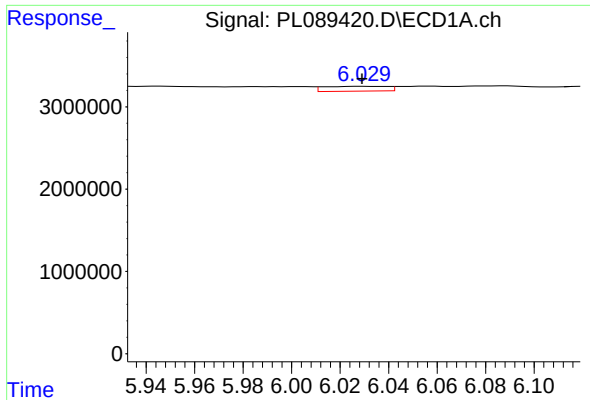
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 1844683  
Conc: 0.81 ng/ml



#10 gamma-Chlordane

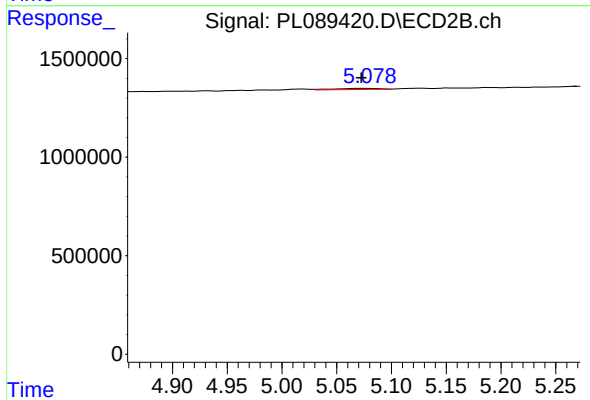
R.T.: 5.018 min  
Delta R.T.: 0.009 min  
Response: 83287  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

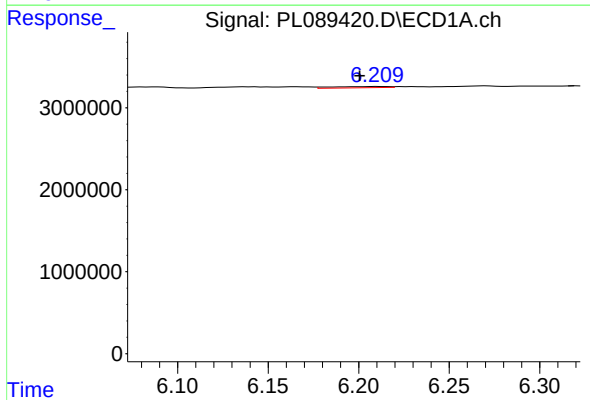
R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 1079525  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



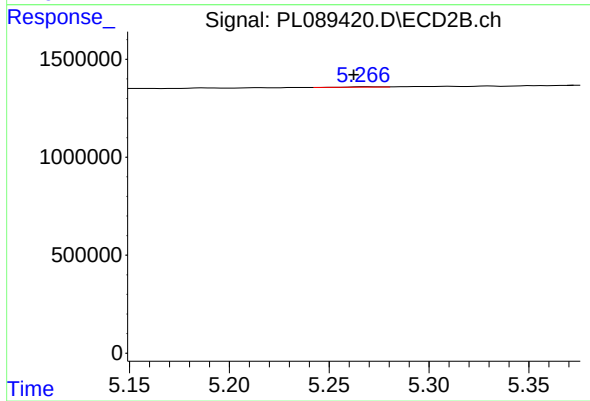
#11 alpha-Chlordane

R.T.: 5.077 min  
Delta R.T.: 0.004 min  
Response: 163391  
Conc: 0.10 ng/ml



#12 4,4'-DDE

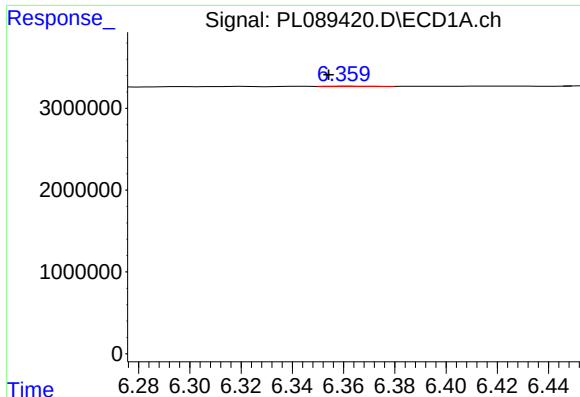
R.T.: 6.210 min  
Delta R.T.: 0.009 min  
Response: 334313  
Conc: 0.17 ng/ml



#12 4,4'-DDE

R.T.: 5.268 min  
Delta R.T.: 0.006 min  
Response: 22756  
Conc: 0.02 ng/ml

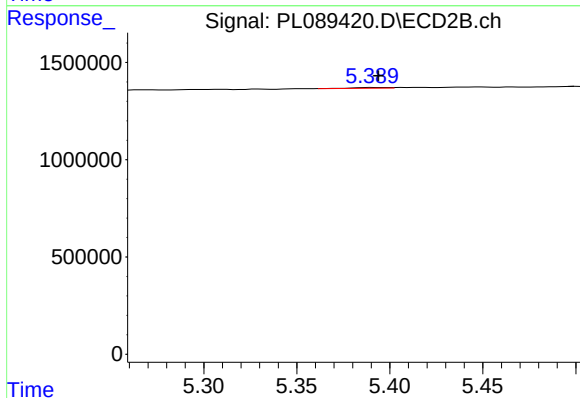




#13 Dieldrin

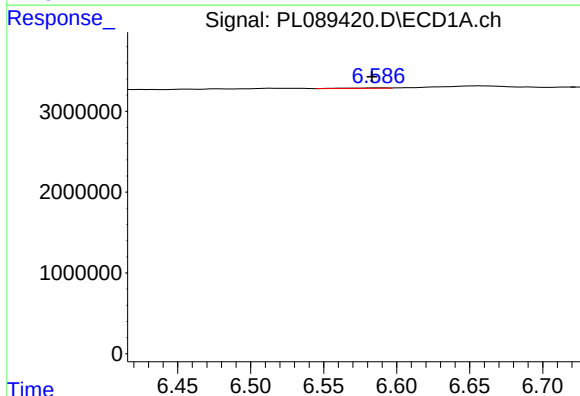
R.T.: 6.362 min  
Delta R.T.: 0.008 min  
Response: 62046  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



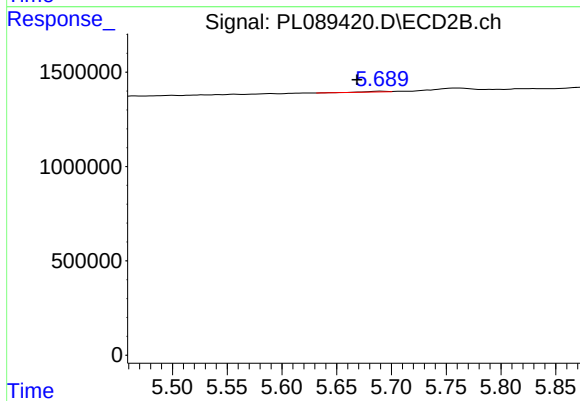
#13 Dieldrin

R.T.: 5.391 min  
Delta R.T.: -0.003 min  
Response: 45593  
Conc: 0.03 ng/ml



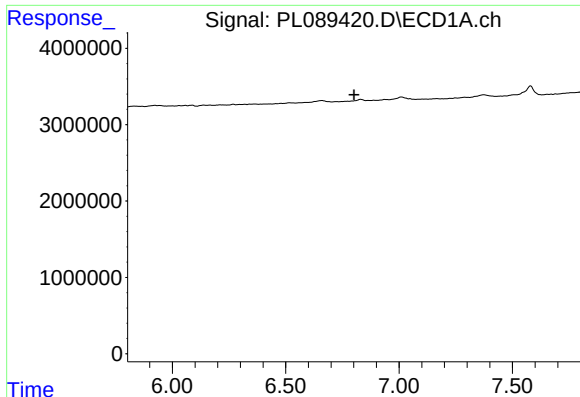
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.005 min  
Response: 102420  
Conc: 0.05 ng/ml



#14 Endrin

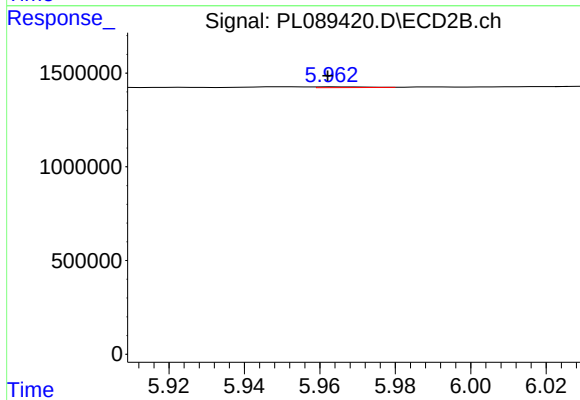
R.T.: 5.690 min  
Delta R.T.: 0.021 min  
Response: 48497  
Conc: 0.03 ng/ml



#15 Endosulfan II

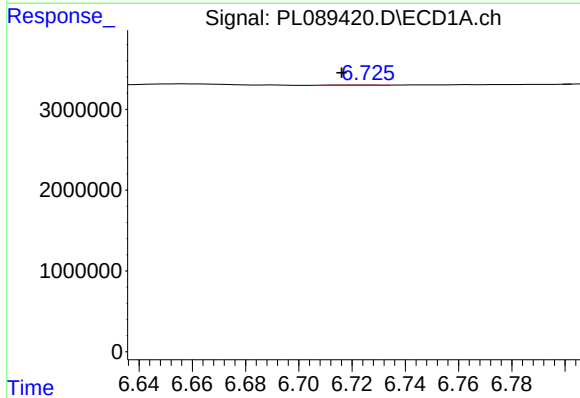
R.T.: 0.000 min  
Exp R.T.: 6.801 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



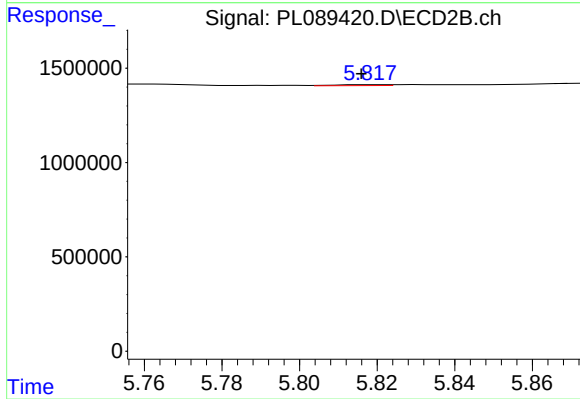
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: 0.002 min  
Response: 38989  
Conc: 0.03 ng/ml



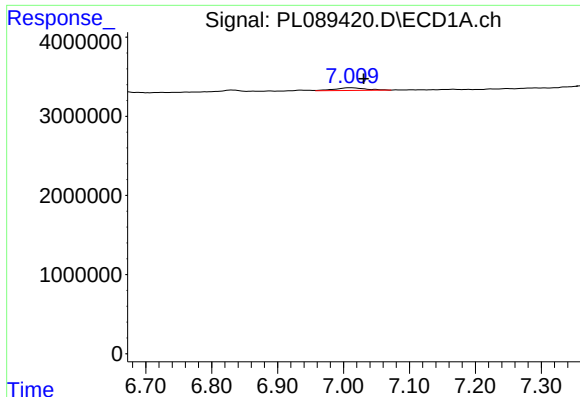
#16 4,4'-DDD

R.T.: 6.726 min  
Delta R.T.: 0.010 min  
Response: 33951  
Conc: 0.02 ng/ml



#16 4,4'-DDD

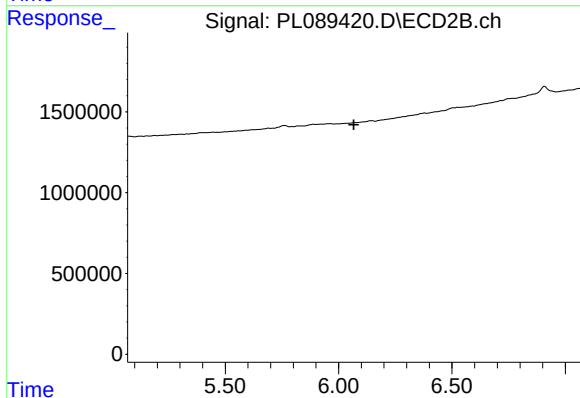
R.T.: 5.819 min  
Delta R.T.: 0.003 min  
Response: 43768  
Conc: 0.04 ng/ml



#17 4,4'-DDT

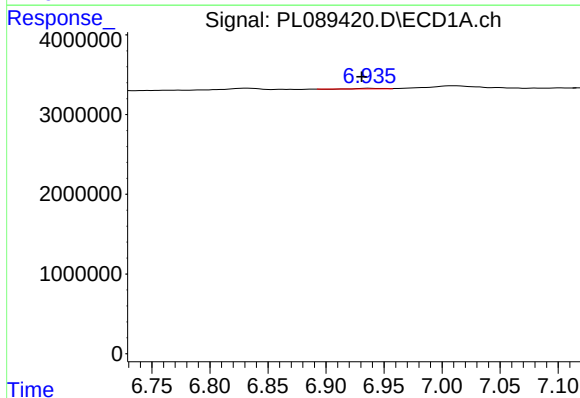
R.T.: 7.011 min  
Delta R.T.: -0.020 min  
Response: 1115901  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



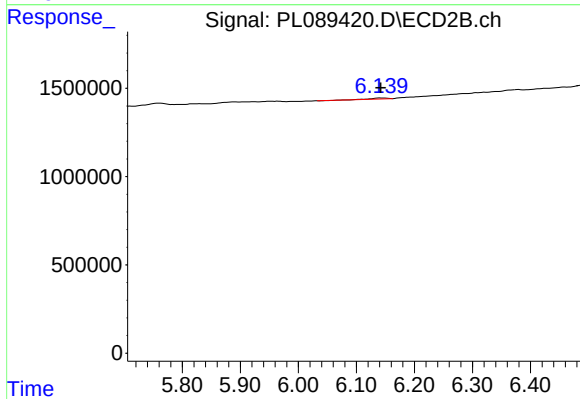
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.068 min  
Response: 0  
Conc: N.D.



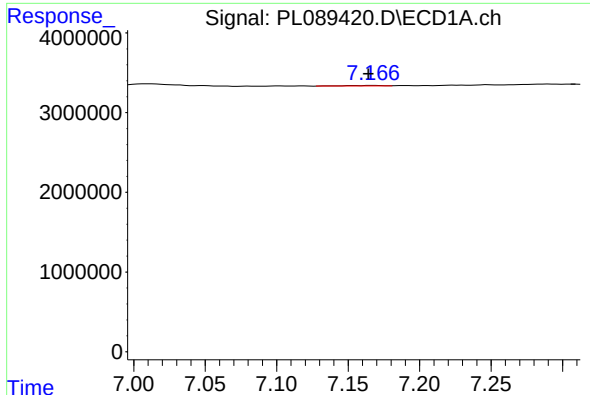
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: 0.006 min  
Response: 101735  
Conc: 0.07 ng/ml



#18 Endrin aldehyde

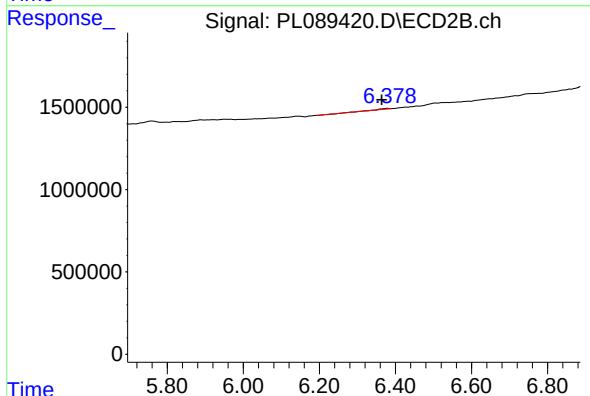
R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 82218  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

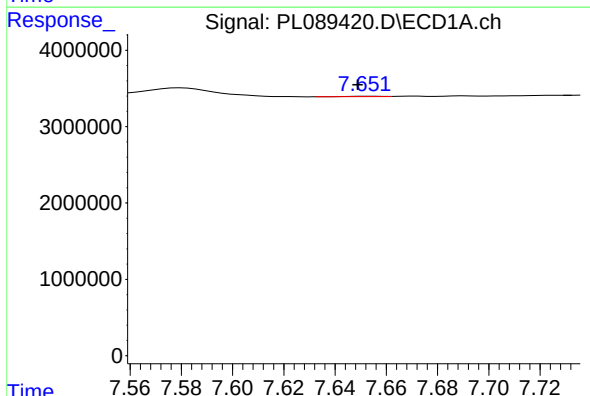
R.T.: 7.168 min  
Delta R.T.: 0.003 min  
Response: 98030  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



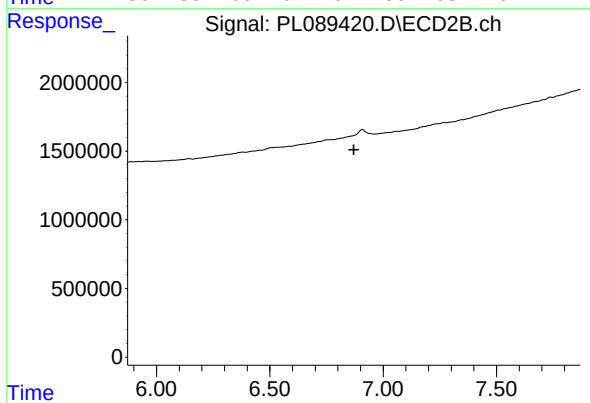
#19 Endosulfan Sulfate

R.T.: 6.379 min  
Delta R.T.: 0.015 min  
Response: 50198  
Conc: 0.04 ng/ml



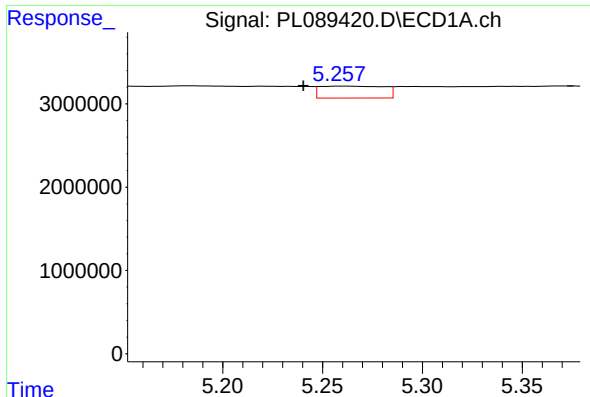
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: 0.004 min  
Response: 42915  
Conc: 0.02 ng/ml



#21 Endrin ketone

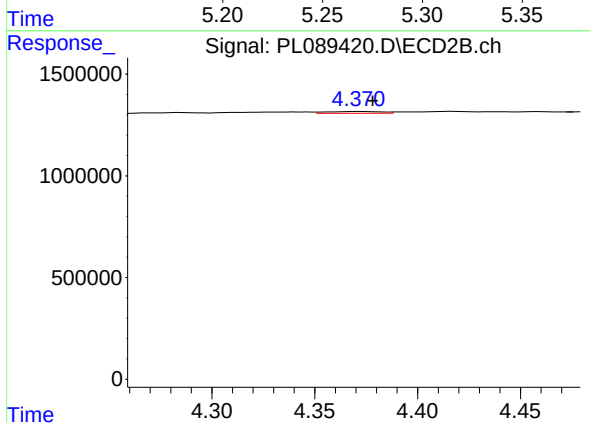
R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

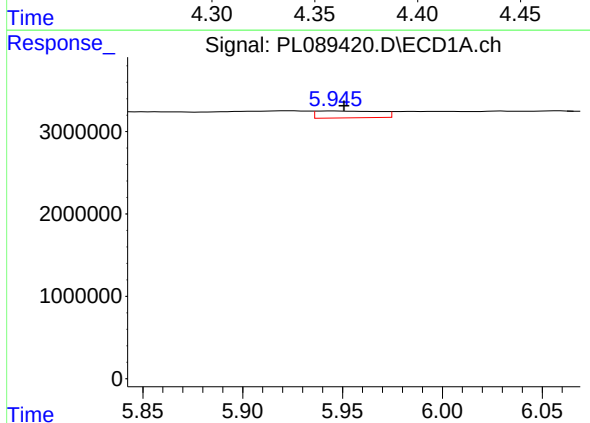
R.T.: 5.259 min  
Delta R.T.: 0.019 min  
Response: 3213553  
Conc: 30.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



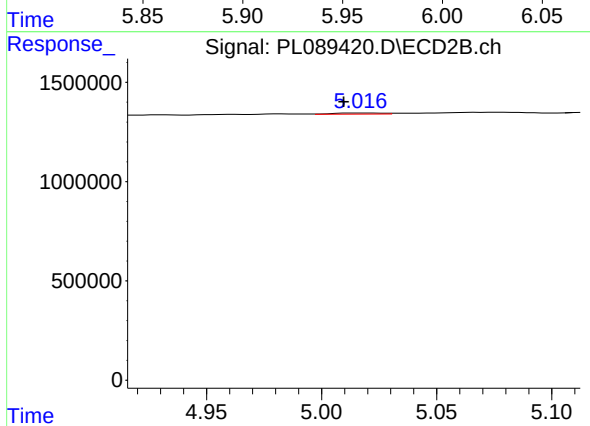
#24 Chlordane-2

R.T.: 4.371 min  
Delta R.T.: -0.007 min  
Response: 159868  
Conc: 2.51 ng/ml



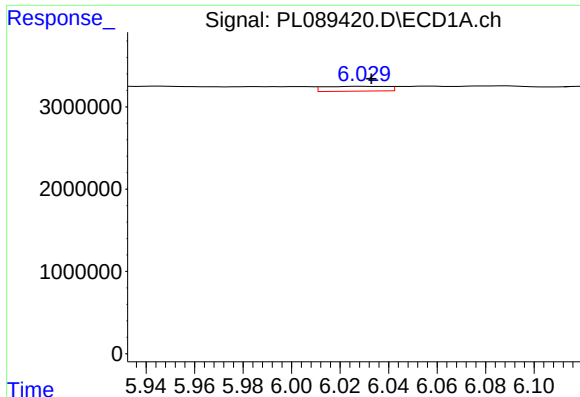
#25 Chlordane-3

R.T.: 5.946 min  
Delta R.T.: -0.005 min  
Response: 1844683  
Conc: 5.59 ng/ml



#25 Chlordane-3

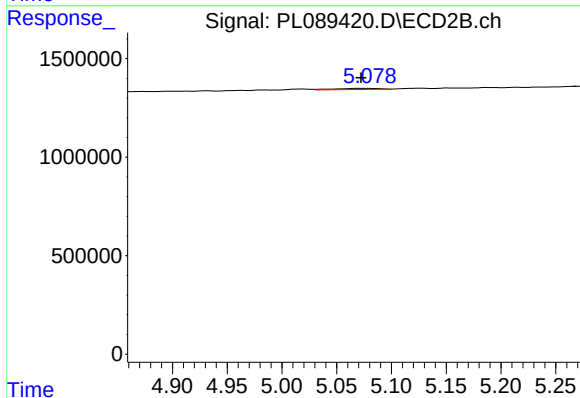
R.T.: 5.018 min  
Delta R.T.: 0.008 min  
Response: 83287  
Conc: 0.49 ng/ml



#26 Chlordane-4

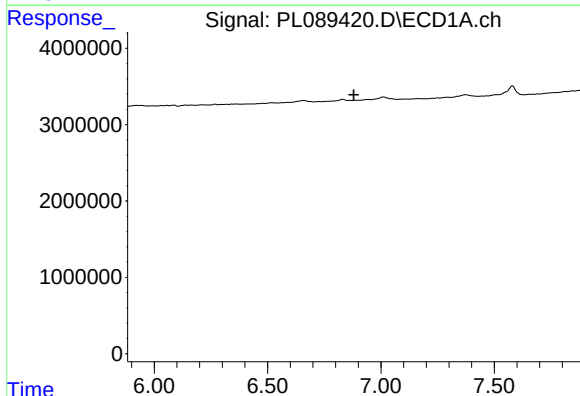
R.T.: 6.030 min  
Delta R.T.: -0.003 min  
Response: 1079525  
Conc: 2.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



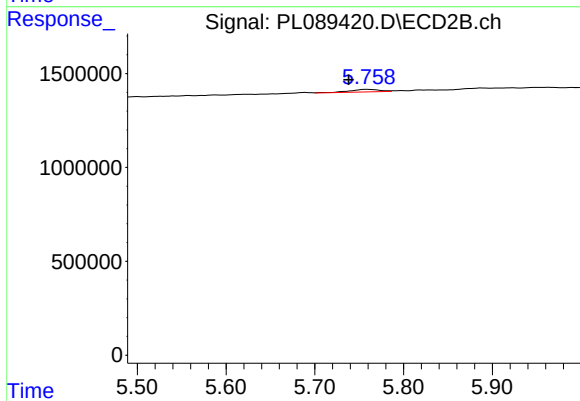
#26 Chlordane-4

R.T.: 5.077 min  
Delta R.T.: 0.005 min  
Response: 163391  
Conc: 1.02 ng/ml



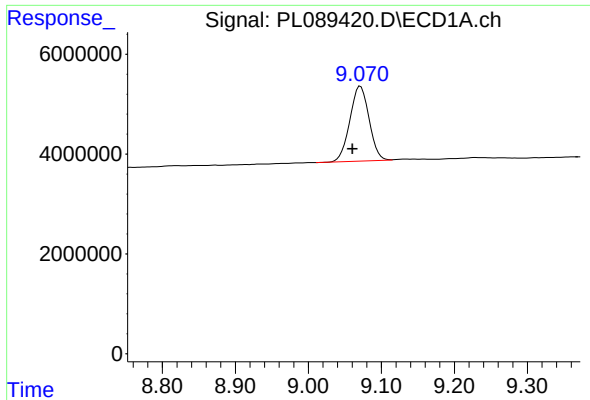
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

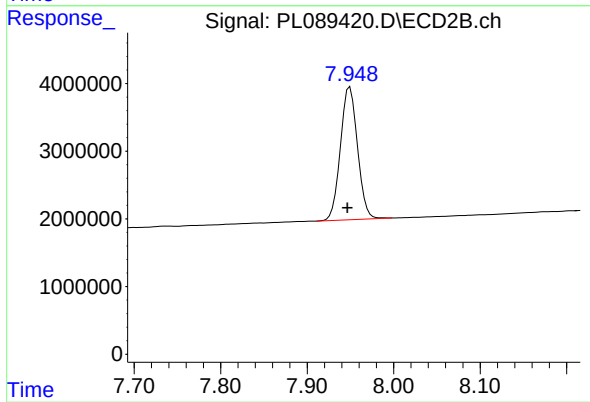
R.T.: 5.759 min  
Delta R.T.: 0.021 min  
Response: 333396  
Conc: 6.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.011 min  
Response: 27421268  
Conc: 19.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160806BL



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: 0.003 min  
Response: 26736010  
Conc: 19.88 ng/ml