

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072718\  
 Data File : PL038695.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2018 23:16  
 Operator : AJ\SJ  
 Sample : J4176-04 10X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-PS-01-035

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 00:24:59 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.325  | 3.928  | 141.7E6  | 54938680 | 19.031 | 20.930   |
| 28)                         | SA Decachlor... | 7.993  | 8.934  | 97337618 | 35199122 | 12.831 | 14.400   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.711f | 4.323  | -312261  | 830439   | N.D.   | 0.215    |
| 3)                          | MA gamma-BHC... | 0.000  | 4.582  | 0        | 117206   | N.D.   | 0.032 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.107  | 0        | 554032   | N.D.   | 0.173 #  |
| 5)                          | MB Aldrin       | 4.526f | 5.369f | 8217506  | 585025   | 0.785  | 0.190 #  |
| 6)                          | B beta-BHC      | 4.241f | 4.734  | 19506336 | 1160904  | 4.132  | 0.765 #  |
| 7)                          | B delta-BHC     | 4.526f | 4.956  | 8217506  | 1140495  | 0.757  | 0.344 #  |
| 8)                          | B Heptachlo...  | 4.940f | 5.801  | 3195434  | 785460   | 0.339  | 0.276    |
| 9)                          | A Endosulfan I  | 5.306  | 6.087f | 6940152  | 3945767  | 0.802  | 1.534 #  |
| 10)                         | B gamma-Chl...  | 5.211  | 0.000  | 39197806 | 0        | 3.966  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.267  | 6.087  | 17137167 | 3945767  | 1.810  | 1.377    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.210  | 0        | 1439371  | N.D.   | 0.538 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.384  | 0        | 577683   | N.D.   | 0.212 #  |
| 14)                         | MA Endrin       | 5.877f | 6.627  | 9017788  | 1517407  | 1.038  | 0.635 #  |
| 15)                         | B Endosulfa...  | 6.030f | 6.828  | 40359505 | 1699270  | 5.089  | 0.708 #  |
| 16)                         | A 4,4'-DDD      | 5.949  | 6.675f | 45576863 | 6306934  | 6.213  | 2.947 #  |
| 19)                         | B Endosulfa...  | 0.000  | 7.180  | 0        | 1781688  | N.D.   | 0.817 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.641  | 0        | 1178120  | N.D.   | 0.494 #  |
| 23)                         | Chlordane-1     | 4.179  | 4.910  | 17162274 | 119919   | 49.566 | 1.035 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.369  | 0        | 585025   | N.D.   | 4.885 #  |
| 25)                         | Chlordane-3     | 5.211  | 0.000  | 39197806 | 0        | 33.694 | N.D. #   |
| 26)                         | Chlordane-4     | 5.267  | 6.087  | 17137167 | 3945767  | 16.300 | 8.031 #  |
| 27)                         | Chlordane-5     | 5.877  | 6.828  | 9017788  | 1699270  | 56.314 | 18.969 # |
| -----                       |                 |        |        |          |          |        |          |

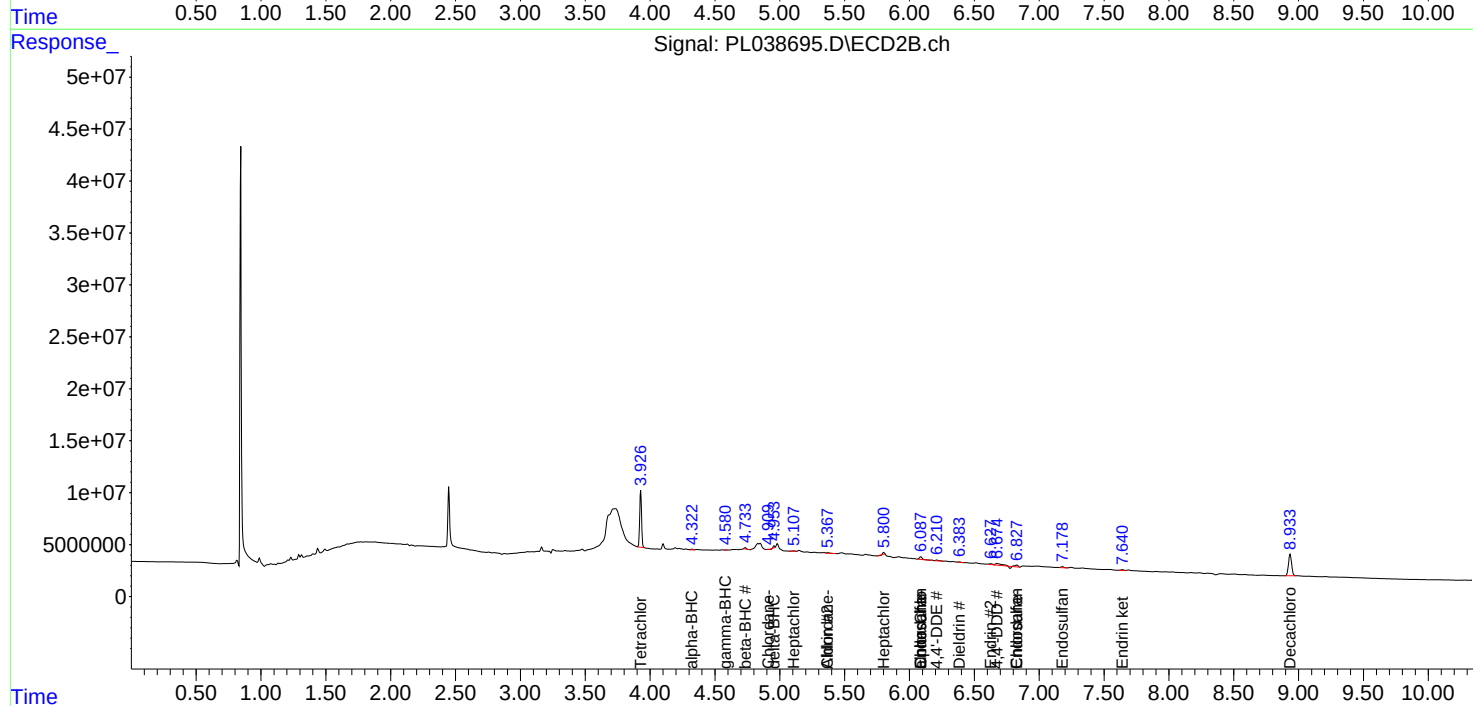
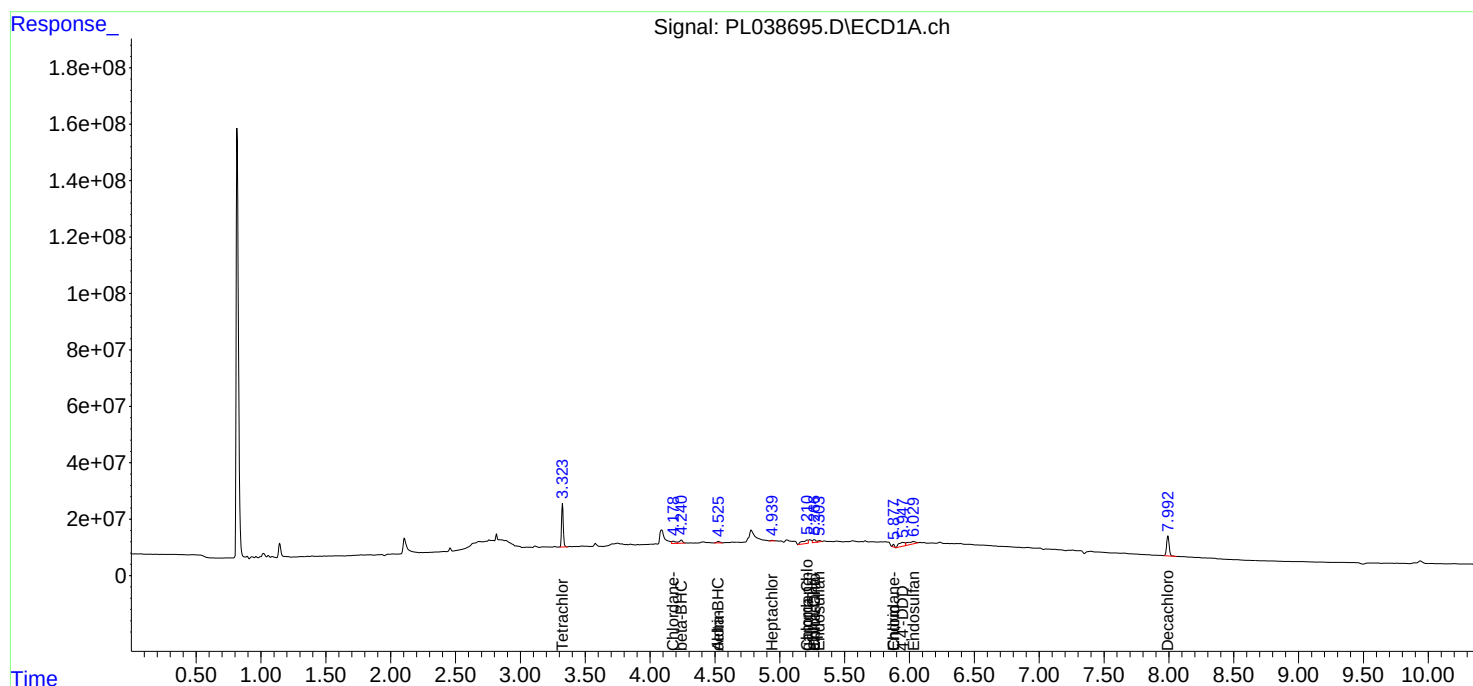
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

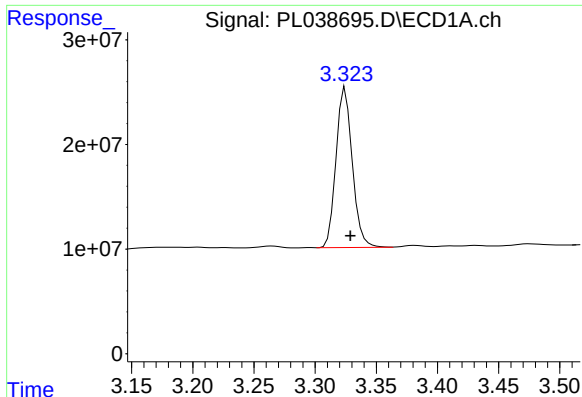
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072718\  
Data File : PL038695.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2018 23:16  
Operator : AJ\SJ  
Sample : J4176-04 10X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 00:24:59 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

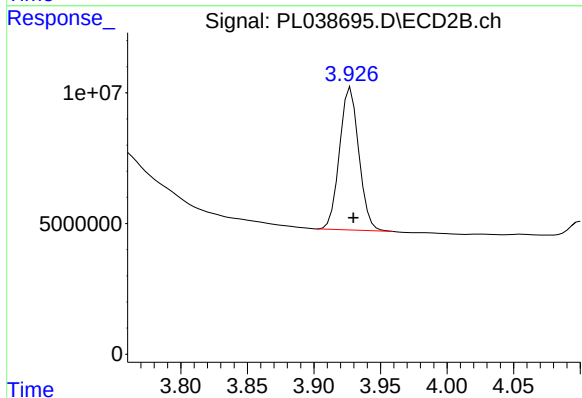




#1 Tetrachloro-m-xylene

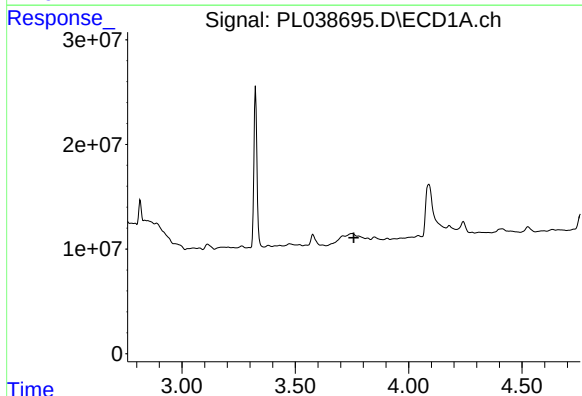
R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 141715363  
Conc: 19.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



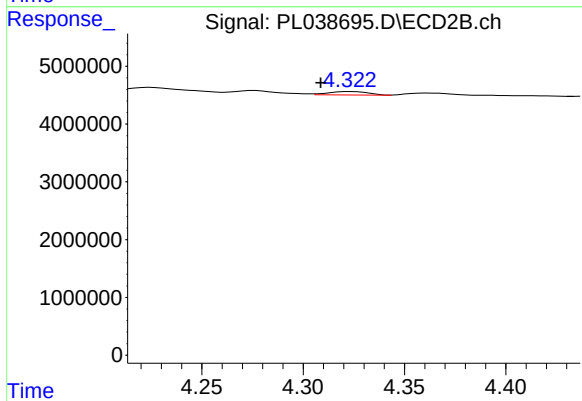
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 54938680  
Conc: 20.93 ng/ml



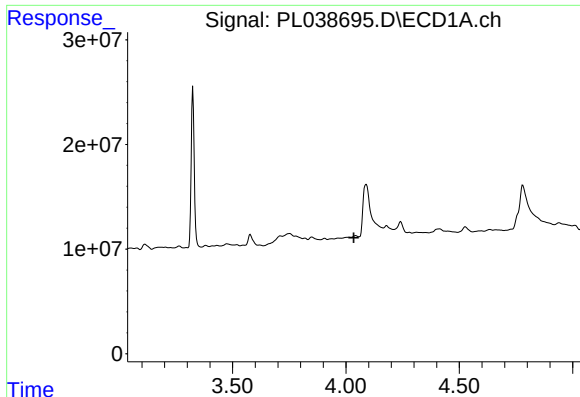
#2 alpha-BHC

R.T.: 3.711 min  
Delta R.T.: -0.047 min  
Response: -312261  
Conc: N.D.



#2 alpha-BHC

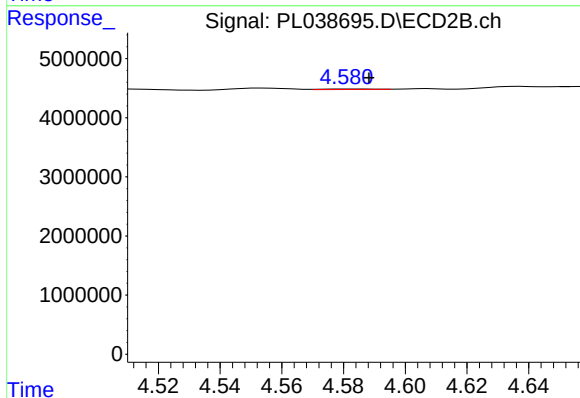
R.T.: 4.323 min  
Delta R.T.: 0.015 min  
Response: 830439  
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

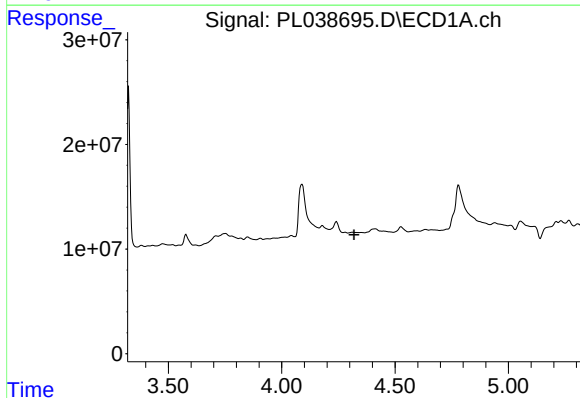
R.T.: 0.000 min  
Exp R.T.: 4.035 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



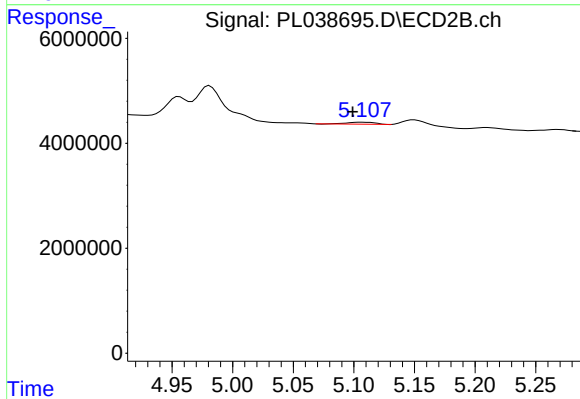
#3 gamma-BHC (Lindane)

R.T.: 4.582 min  
Delta R.T.: -0.007 min  
Response: 117206  
Conc: 0.03 ng/ml



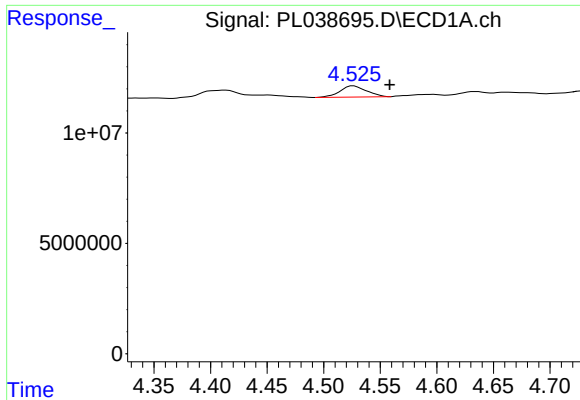
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.319 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

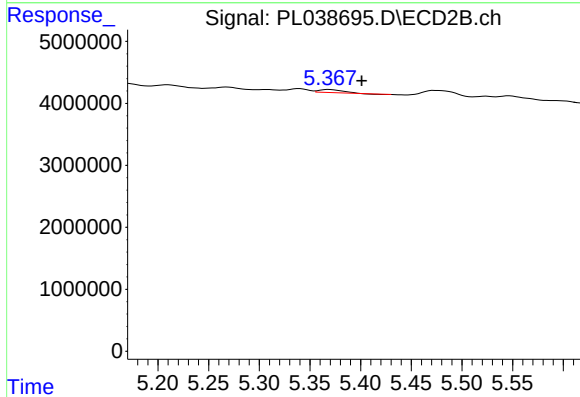
R.T.: 5.107 min  
Delta R.T.: 0.008 min  
Response: 554032  
Conc: 0.17 ng/ml



#5 Aldrin

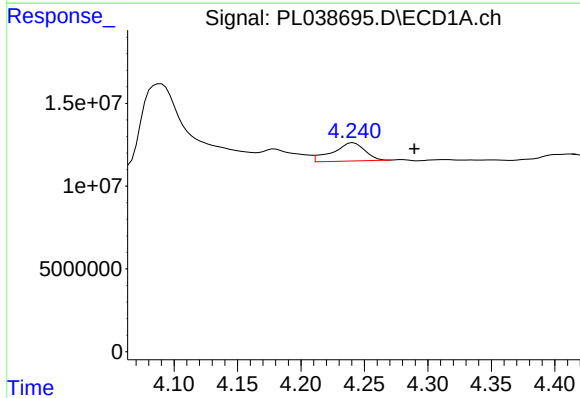
R.T.: 4.526 min  
Delta R.T.: -0.032 min  
Response: 8217506  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



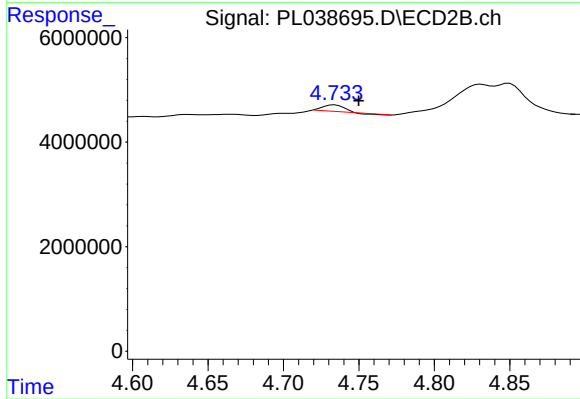
#5 Aldrin

R.T.: 5.369 min  
Delta R.T.: -0.032 min  
Response: 585025  
Conc: 0.19 ng/ml



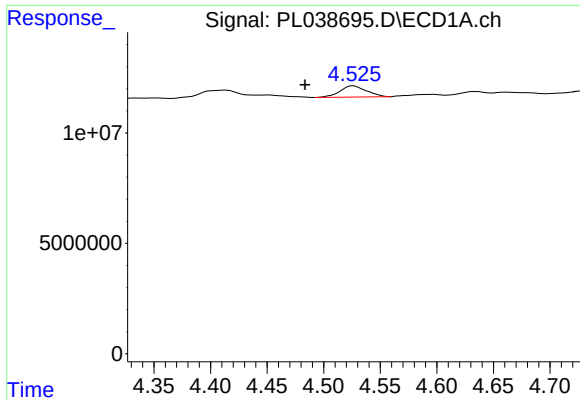
#6 beta-BHC

R.T.: 4.241 min  
Delta R.T.: -0.048 min  
Response: 19506336  
Conc: 4.13 ng/ml



#6 beta-BHC

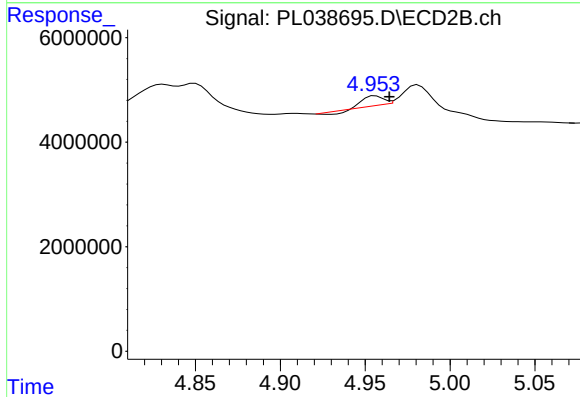
R.T.: 4.734 min  
Delta R.T.: -0.016 min  
Response: 1160904  
Conc: 0.77 ng/ml



#7 delta-BHC

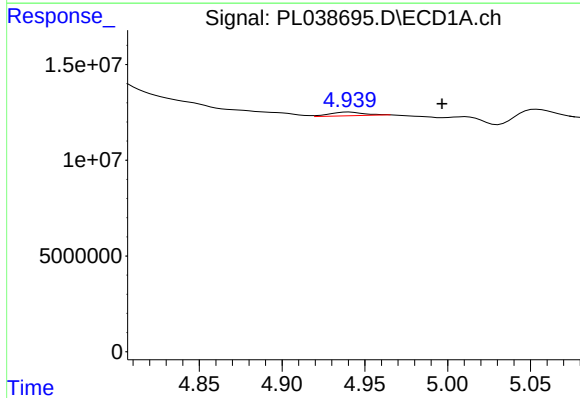
R.T.: 4.526 min  
Delta R.T.: 0.043 min  
Response: 8217506  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



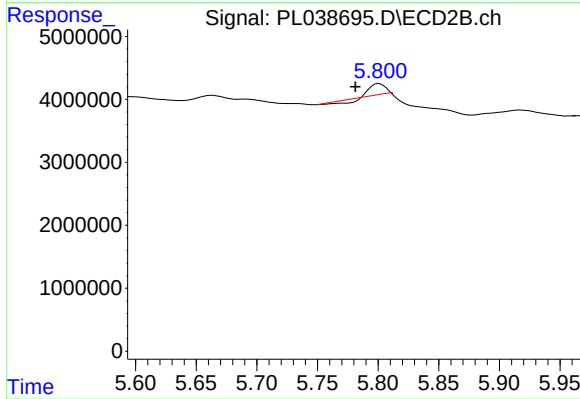
#7 delta-BHC

R.T.: 4.956 min  
Delta R.T.: -0.008 min  
Response: 1140495  
Conc: 0.34 ng/ml



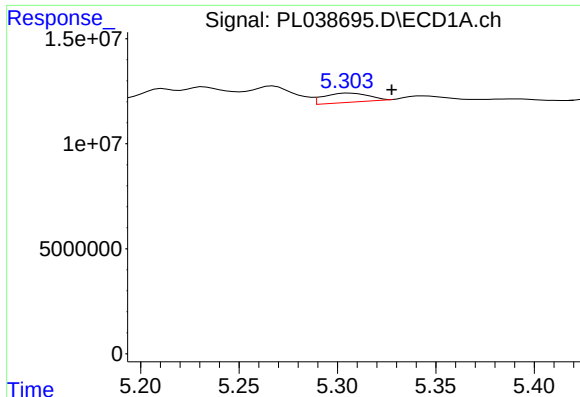
#8 Heptachlor epoxide

R.T.: 4.940 min  
Delta R.T.: -0.056 min  
Response: 3195434  
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

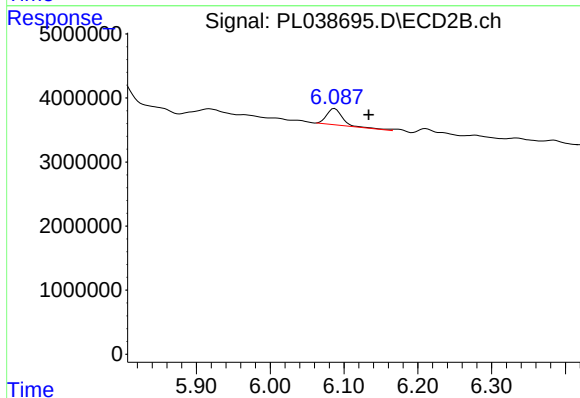
R.T.: 5.801 min  
Delta R.T.: 0.020 min  
Response: 785460  
Conc: 0.28 ng/ml



#9 Endosulfan I

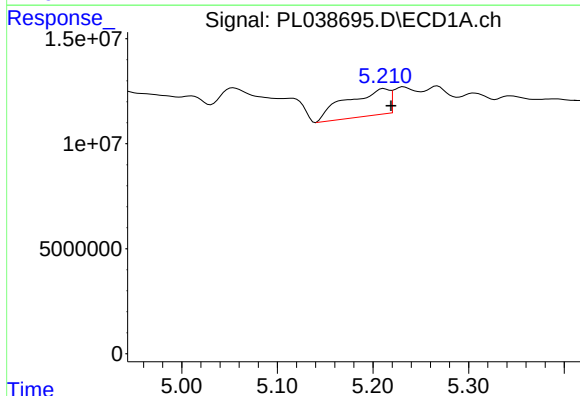
R.T.: 5.306 min  
Delta R.T.: -0.021 min  
Response: 6940152  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



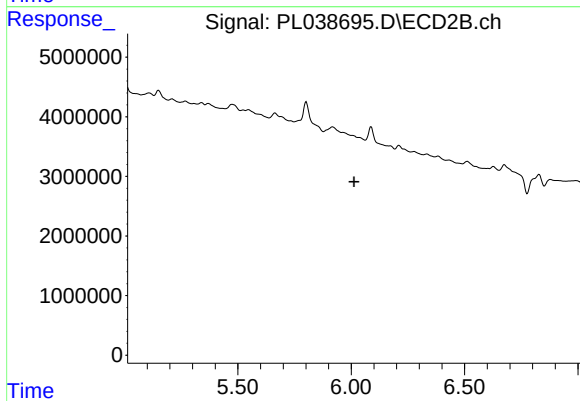
#9 Endosulfan I

R.T.: 6.087 min  
Delta R.T.: -0.046 min  
Response: 3945767  
Conc: 1.53 ng/ml



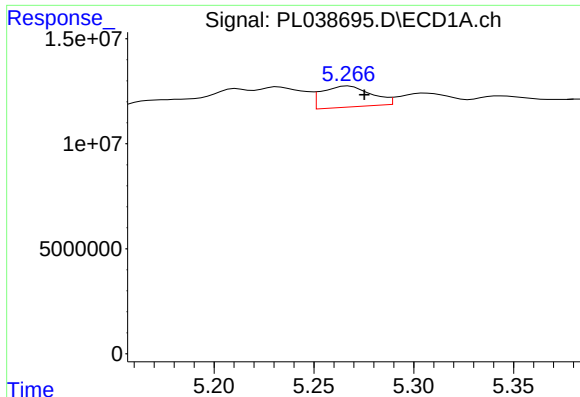
#10 gamma-Chlordane

R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 39197806  
Conc: 3.97 ng/ml



#10 gamma-Chlordane

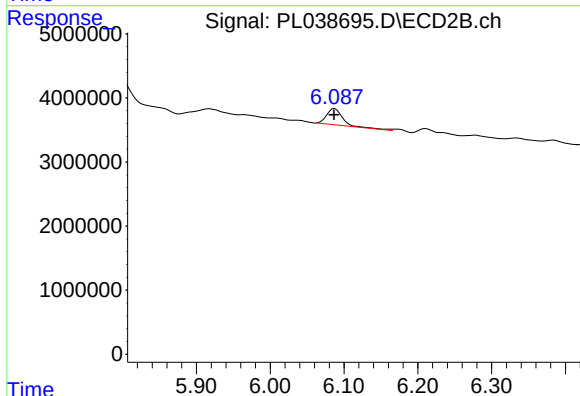
R.T.: 0.000 min  
Exp R.T.: 6.013 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

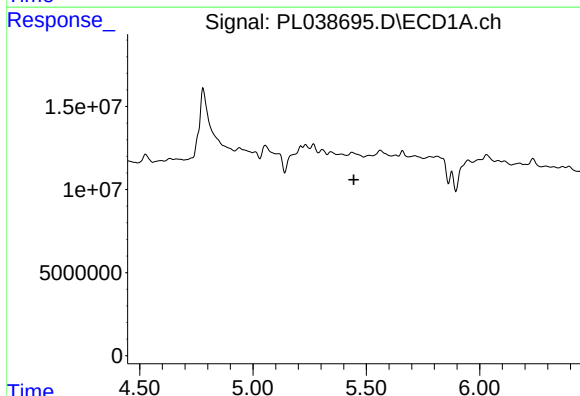
R.T.: 5.267 min  
Delta R.T.: -0.008 min  
Response: 17137167  
Conc: 1.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



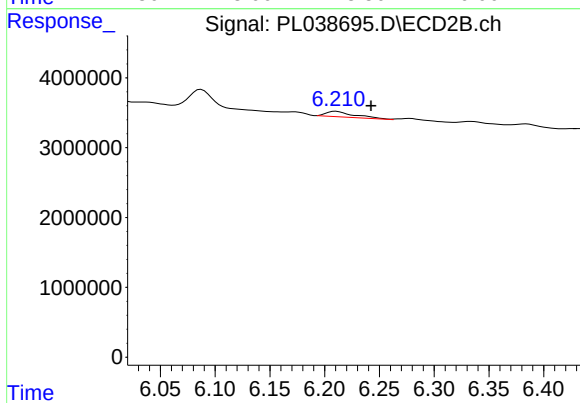
#11 alpha-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 3945767  
Conc: 1.38 ng/ml



#12 4,4'-DDE

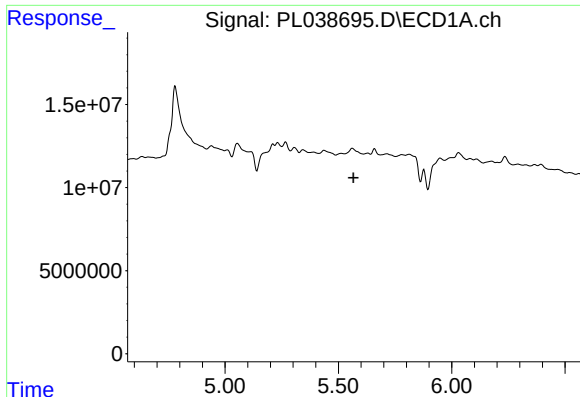
R.T.: 0.000 min  
Exp R.T. : 5.444 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.210 min  
Delta R.T.: -0.032 min  
Response: 1439371  
Conc: 0.54 ng/ml

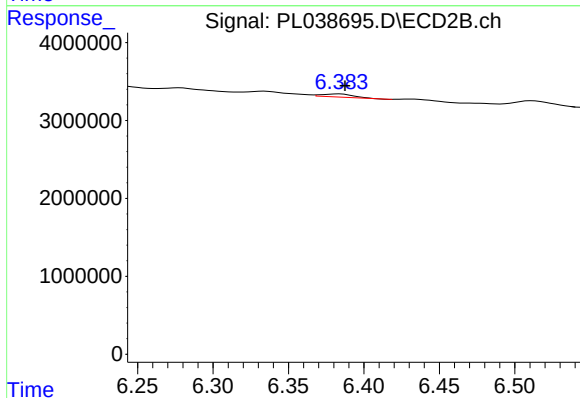




#13 Dieldrin

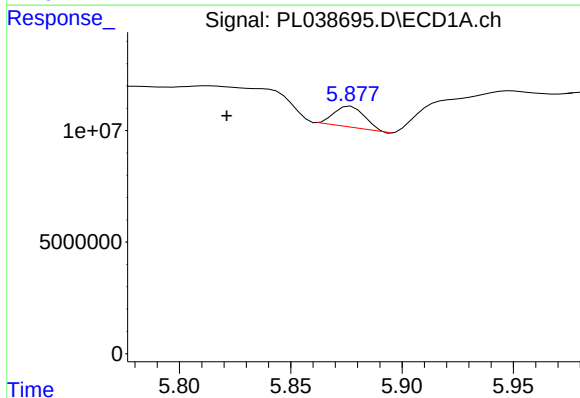
R.T.: 0.000 min  
Exp R.T.: 5.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



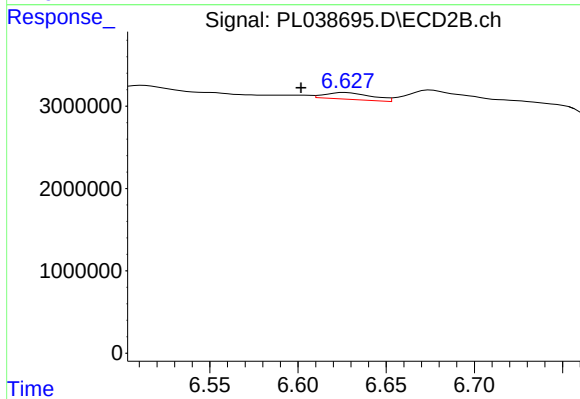
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: -0.004 min  
Response: 577683  
Conc: 0.21 ng/ml



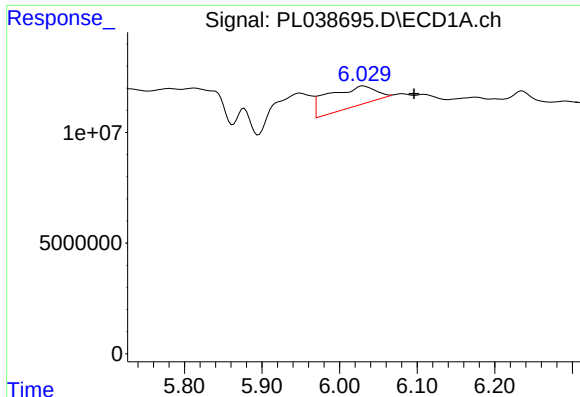
#14 Endrin

R.T.: 5.877 min  
Delta R.T.: 0.056 min  
Response: 9017788  
Conc: 1.04 ng/ml



#14 Endrin

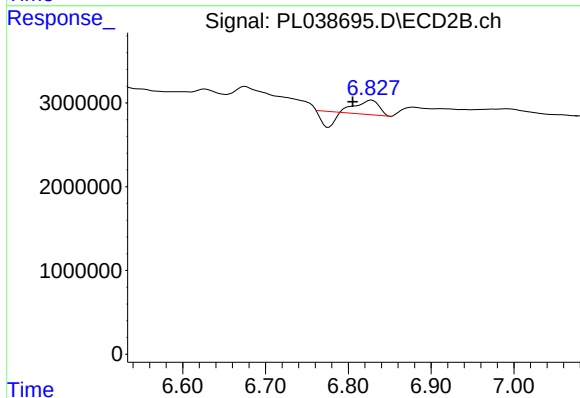
R.T.: 6.627 min  
Delta R.T.: 0.025 min  
Response: 1517407  
Conc: 0.64 ng/ml



#15 Endosulfan II

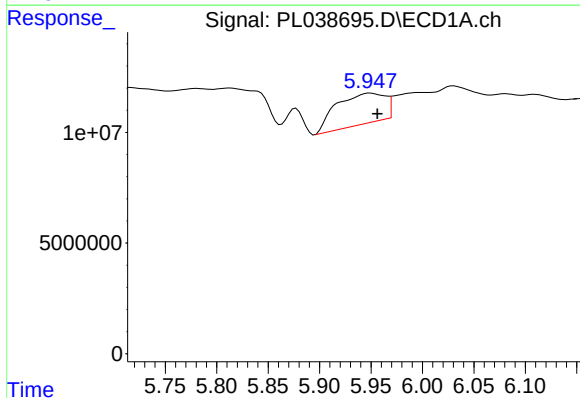
R.T.: 6.030 min  
Delta R.T.: -0.066 min  
Response: 40359505  
Conc: 5.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



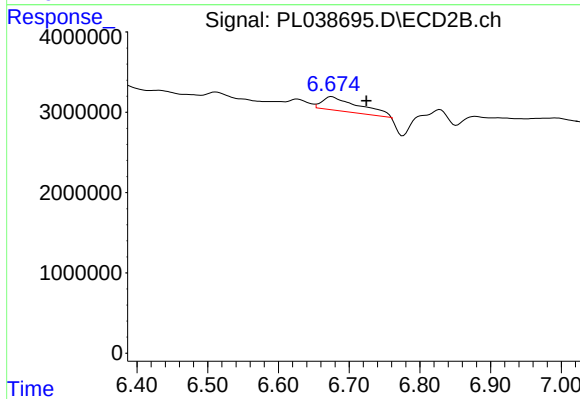
#15 Endosulfan II

R.T.: 6.828 min  
Delta R.T.: 0.023 min  
Response: 1699270  
Conc: 0.71 ng/ml



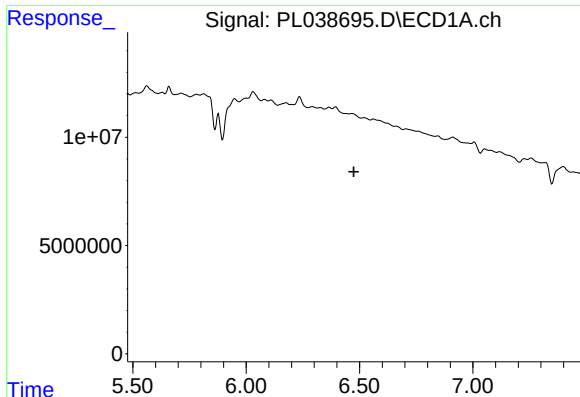
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: -0.007 min  
Response: 45576863  
Conc: 6.21 ng/ml



#16 4,4'-DDD

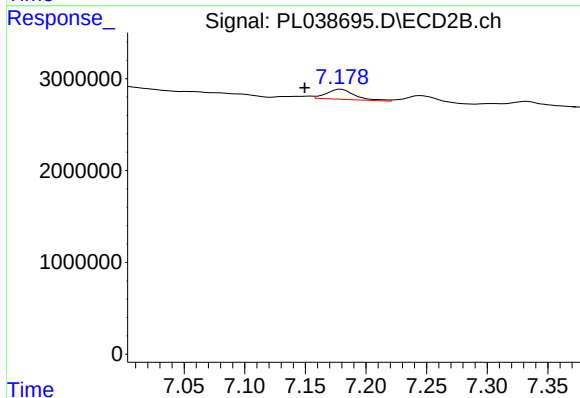
R.T.: 6.675 min  
Delta R.T.: -0.049 min  
Response: 6306934  
Conc: 2.95 ng/ml



#19 Endosulfan Sulfate

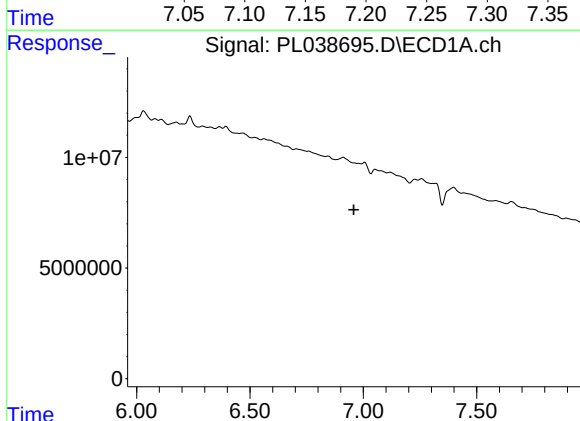
R.T.: 0.000 min  
Exp R.T. : 6.475 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



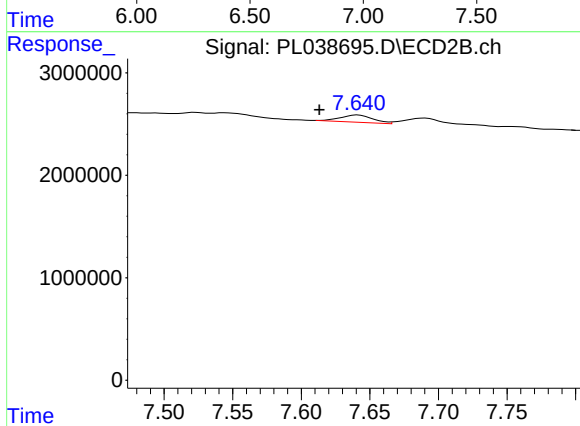
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: 0.030 min  
Response: 1781688  
Conc: 0.82 ng/ml



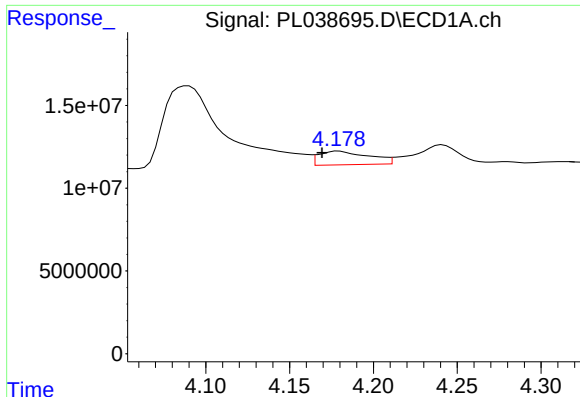
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.958 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

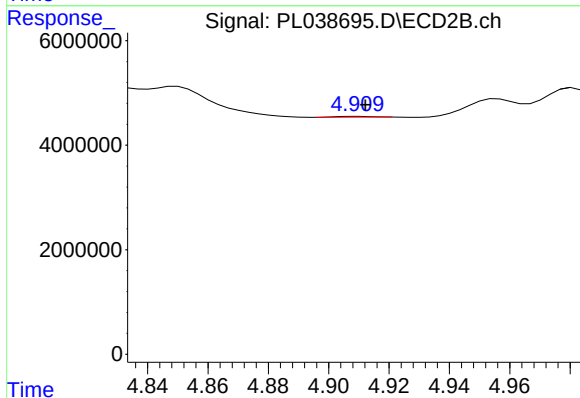
R.T.: 7.641 min  
Delta R.T.: 0.028 min  
Response: 1178120  
Conc: 0.49 ng/ml



#23 Chlordane-1

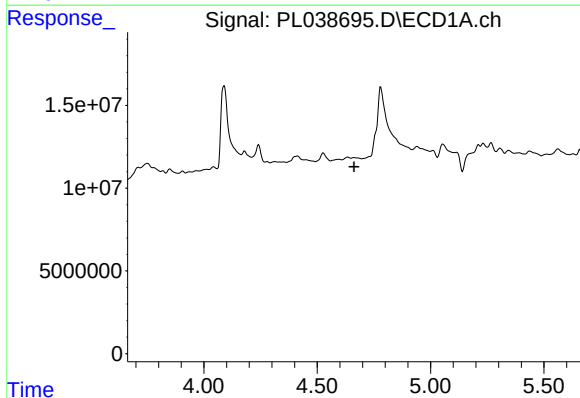
R.T.: 4.179 min  
Delta R.T.: 0.010 min  
Response: 17162274  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



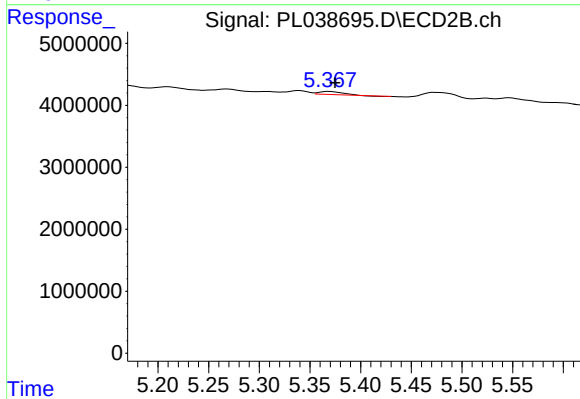
#23 Chlordane-1

R.T.: 4.910 min  
Delta R.T.: -0.003 min  
Response: 119919  
Conc: 1.03 ng/ml



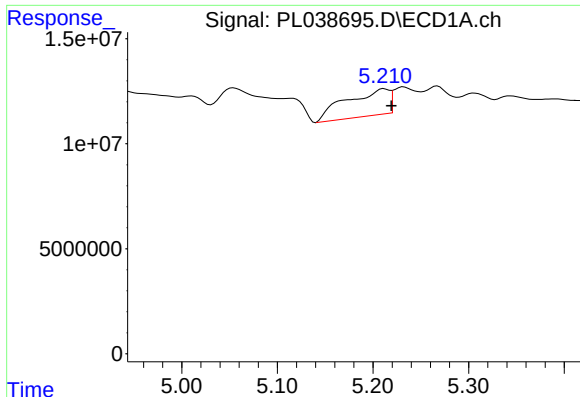
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

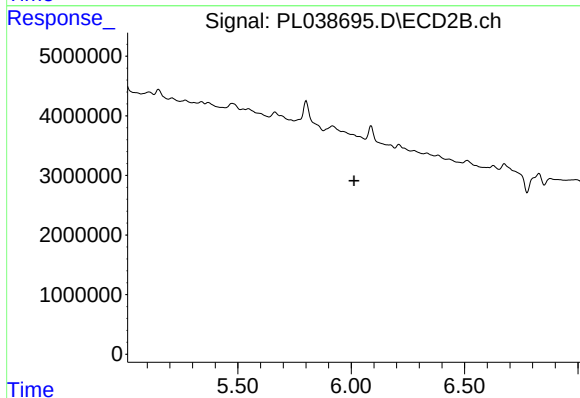
R.T.: 5.369 min  
Delta R.T.: -0.006 min  
Response: 585025  
Conc: 4.89 ng/ml



#25 Chlordane-3

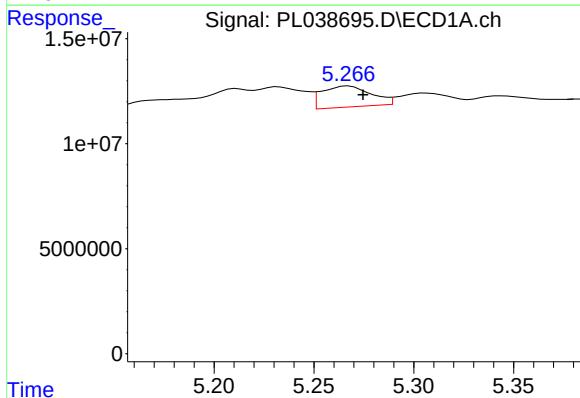
R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 39197806  
Conc: 33.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



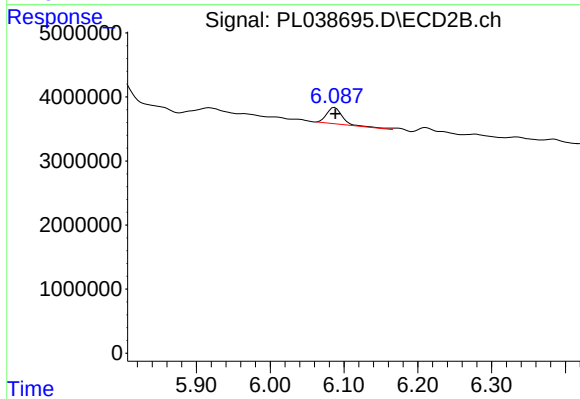
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 6.012 min  
Response: 0  
Conc: N.D.



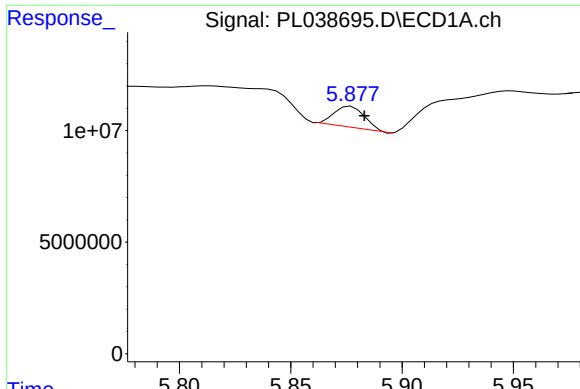
#26 Chlordane-4

R.T.: 5.267 min  
Delta R.T.: -0.007 min  
Response: 17137167  
Conc: 16.30 ng/ml



#26 Chlordane-4

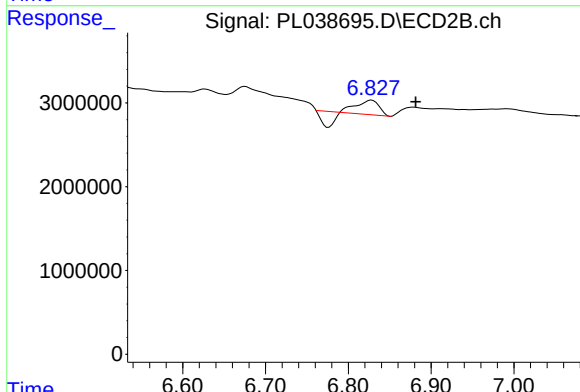
R.T.: 6.087 min  
Delta R.T.: -0.001 min  
Response: 3945767  
Conc: 8.03 ng/ml



#27 Chlordane-5

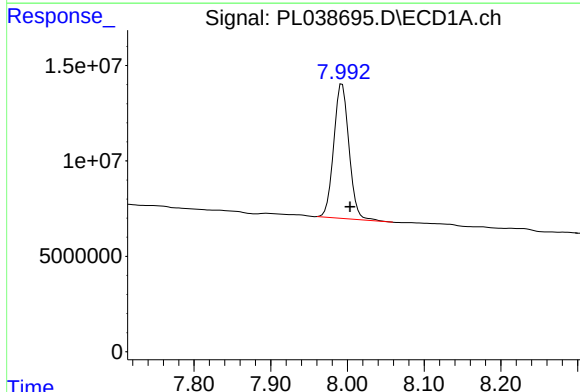
R.T.: 5.877 min  
Delta R.T.: -0.006 min  
Response: 9017788  
Conc: 56.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-035



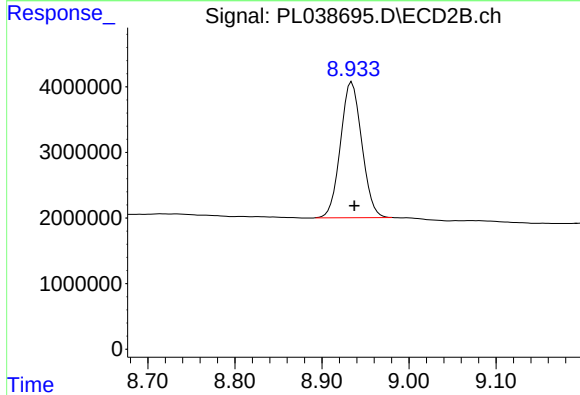
#27 Chlordane-5

R.T.: 6.828 min  
Delta R.T.: -0.053 min  
Response: 1699270  
Conc: 18.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.011 min  
Response: 97337618  
Conc: 12.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.934 min  
Delta R.T.: -0.003 min  
Response: 35199122  
Conc: 14.40 ng/ml