

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032224\  
 Data File : PL088745.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Mar 2024 13:23  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

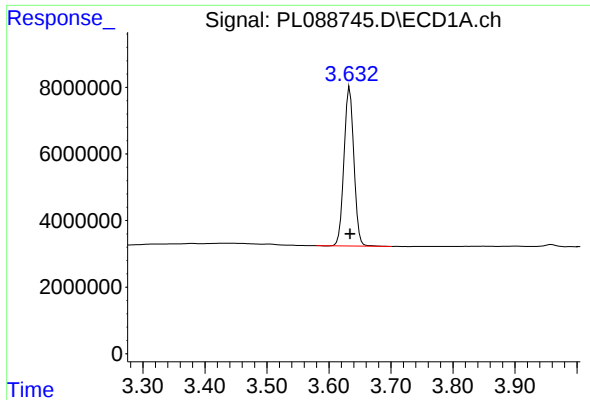
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 22 22:55:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 Response via : Initial Calibration  
 Integrator: 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... | 3.633  | 2.852  | 52865090 | 28068229 | 19.949 | 21.061  |
| 28)                         | SA Decachlor... | 9.295  | 8.077  | 45964632 | 28308621 | 18.595 | 20.878  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.351f | 0        | 85169    | N.D.   | 0.042 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.722f | 0        | 268712   | N.D.   | 0.140 # |
| 5)                          | MB Aldrin       | 0.000  | 4.329  | 0        | 28883    | N.D.   | 0.016 # |
| 6)                          | B beta-BHC      | 4.660f | 4.013  | 4233835  | 84580    | 2.387  | 0.099 # |
| 7)                          | B delta-BHC     | 0.000  | 4.237  | 0        | 37398    | N.D.   | 0.020 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.869f | 0        | 35642    | N.D.   | 0.022 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.217  | 0        | 24528    | N.D.   | 0.016 # |
| 10)                         | B gamma-Chl...  | 6.100f | 0.000  | 2151671  | 0        | 0.646  | N.D. #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.165  | 0        | 66957    | N.D.   | 0.040 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.366  | 0        | 24074    | N.D.   | 0.017 # |
| 14)                         | MA Endrin       | 0.000  | 5.787  | 0        | 171709   | N.D.   | 0.119 # |
| 15)                         | B Endosulfa...  | 6.963f | 6.066  | 608487   | 48451    | 0.212  | 0.034 # |
| 16)                         | A 4,4'-DDD      | 6.864  | 5.926  | 629634   | 111542   | 0.247  | 0.090 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.177  | 0        | 29912    | N.D.   | 0.022 # |
| 18)                         | B Endrin al...  | 0.000  | 6.247  | 0        | 30185    | N.D.   | 0.029 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.482  | 0        | 168495   | N.D.   | 0.121 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.767  | 0        | 26242    | N.D.   | 0.033 # |
| 22)                         | Mirex           | 8.301f | 0.000  | 956332   | 0        | 0.408  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.887  | 0        | 36929    | N.D.   | 0.761 # |
| 24)                         | Chlordane-2     | 0.000  | 4.436f | 0        | 128727   | N.D.   | 2.120 # |
| 25)                         | Chlordane-3     | 6.100f | 5.134f | 2151671  | 112529   | 4.327  | 0.659 # |
| 26)                         | Chlordane-4     | 0.000  | 5.165  | 0        | 66957    | N.D.   | 0.420 # |
| 27)                         | Chlordane-5     | 0.000  | 5.867f | 0        | 214416   | N.D.   | 4.228 # |
| -----                       |                 |        |        |          |          |        |         |

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

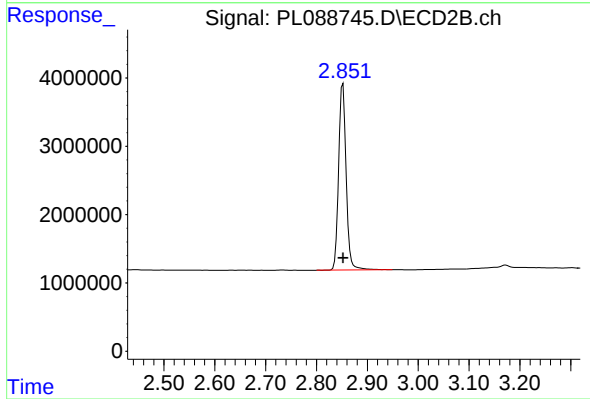




#1 Tetrachloro-m-xylene

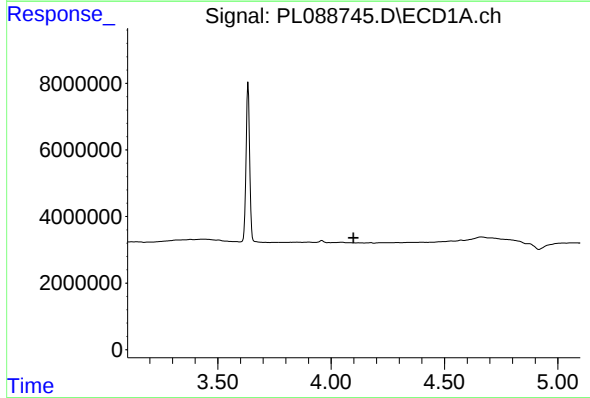
R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 52865090  
Conc: 19.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



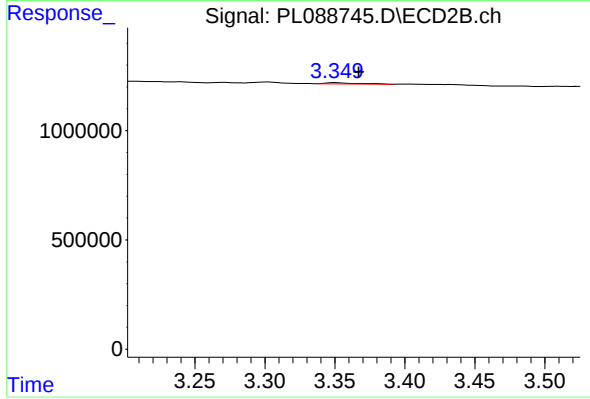
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 28068229  
Conc: 21.06 ng/ml



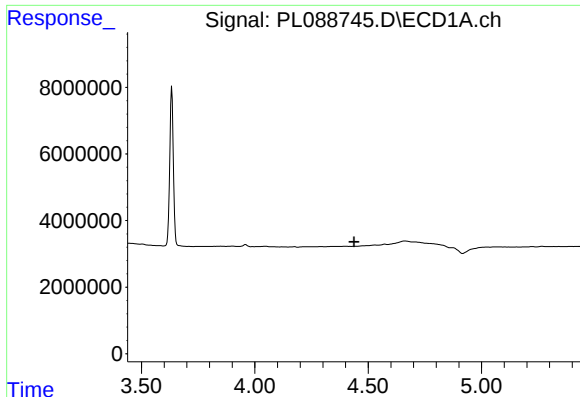
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.099 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

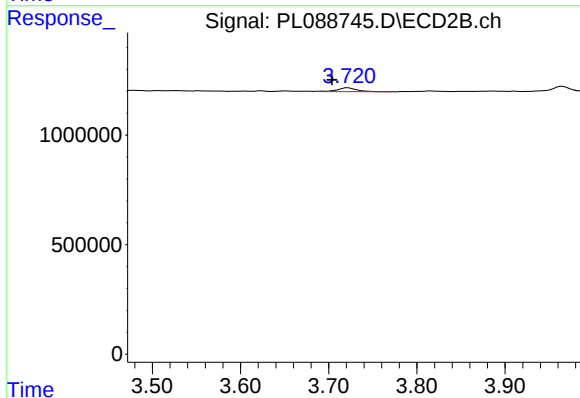
R.T.: 3.351 min  
Delta R.T.: -0.016 min  
Response: 85169  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

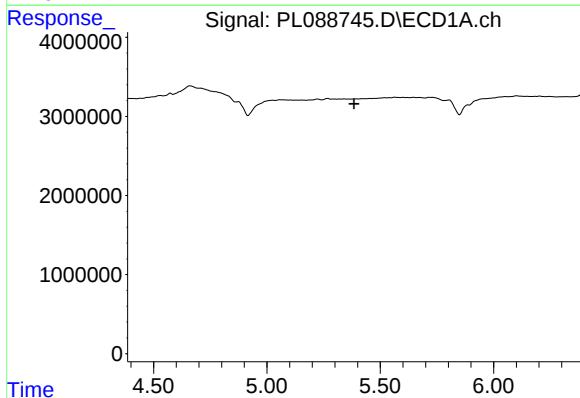
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



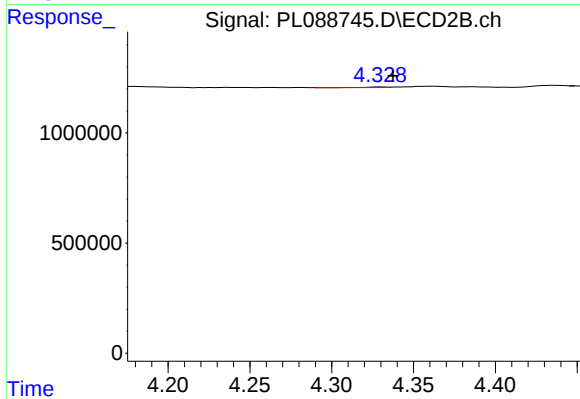
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: 0.018 min  
Response: 268712  
Conc: 0.14 ng/ml



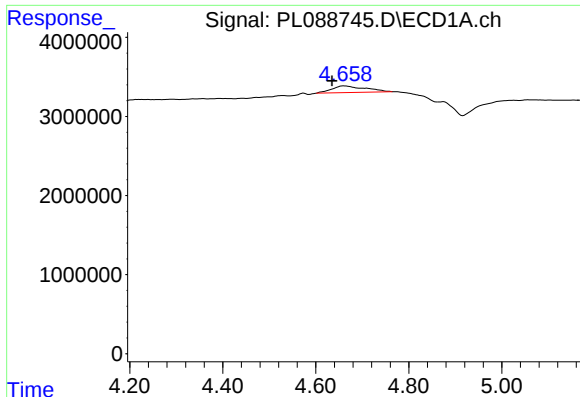
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.



#5 Aldrin

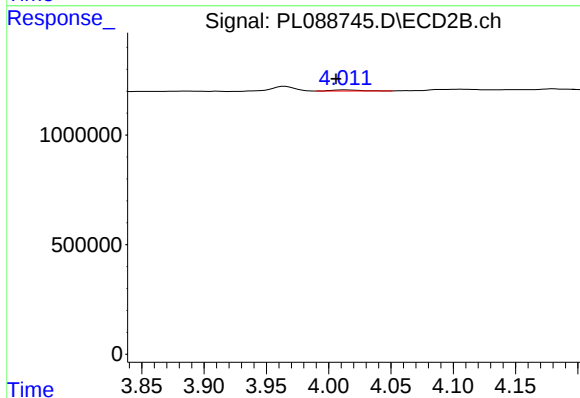
R.T.: 4.329 min  
Delta R.T.: -0.008 min  
Response: 28883  
Conc: 0.02 ng/ml



#6 beta-BHC

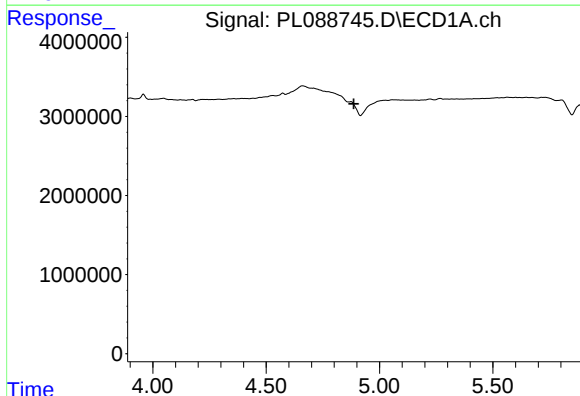
R.T.: 4.660 min  
Delta R.T.: 0.025 min  
Response: 4233835  
Conc: 2.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



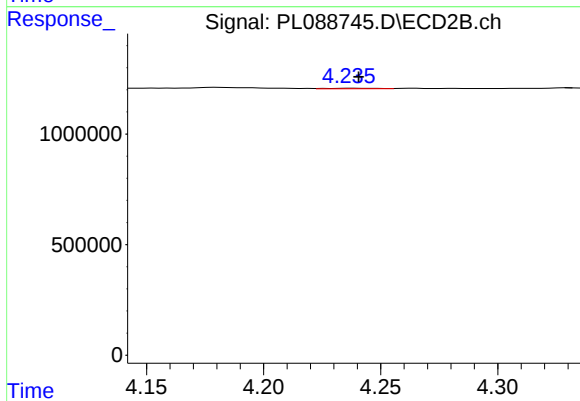
#6 beta-BHC

R.T.: 4.013 min  
Delta R.T.: 0.007 min  
Response: 84580  
Conc: 0.10 ng/ml



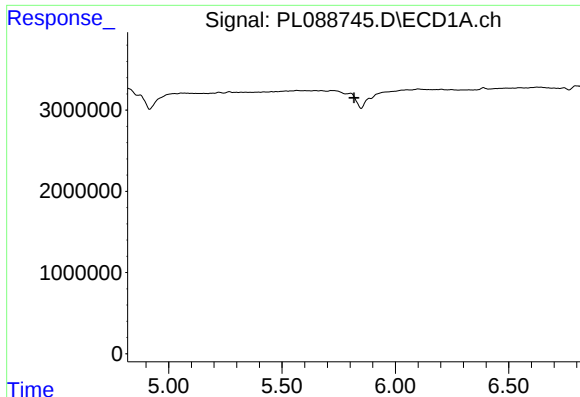
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

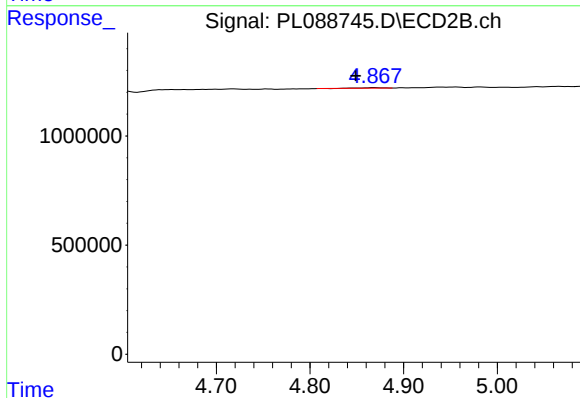
R.T.: 4.237 min  
Delta R.T.: -0.004 min  
Response: 37398  
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

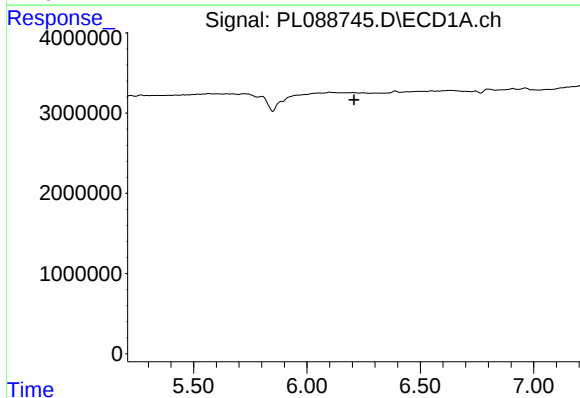
R.T.: 0.000 min  
Exp R.T.: 5.817 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



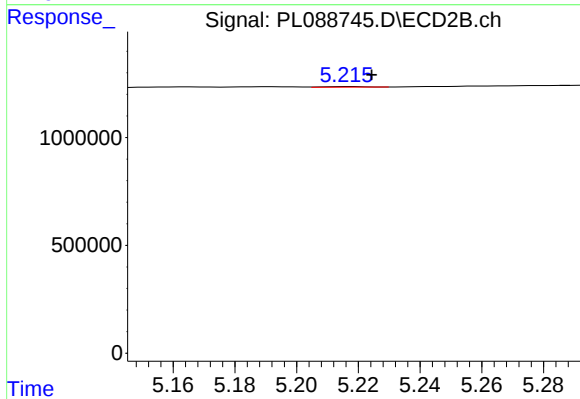
#8 Heptachlor epoxide

R.T.: 4.869 min  
Delta R.T.: 0.020 min  
Response: 35642  
Conc: 0.02 ng/ml



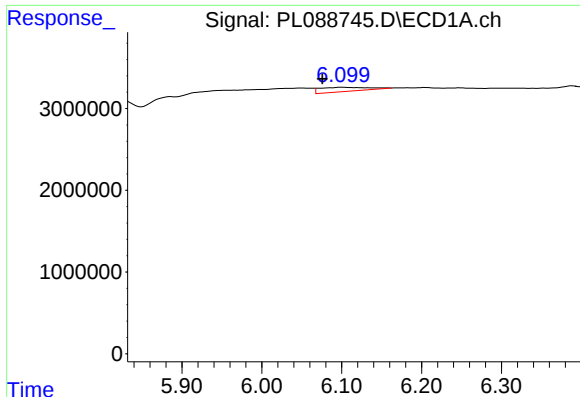
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

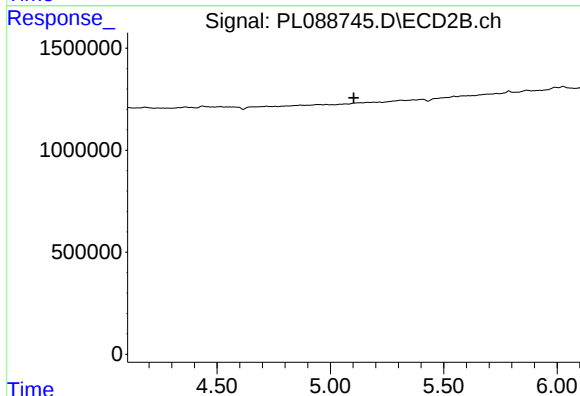
R.T.: 5.217 min  
Delta R.T.: -0.007 min  
Response: 24528  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

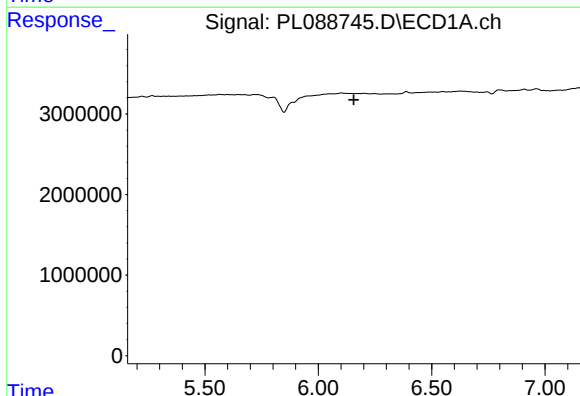
R.T.: 6.100 min  
Delta R.T.: 0.024 min  
Response: 2151671  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



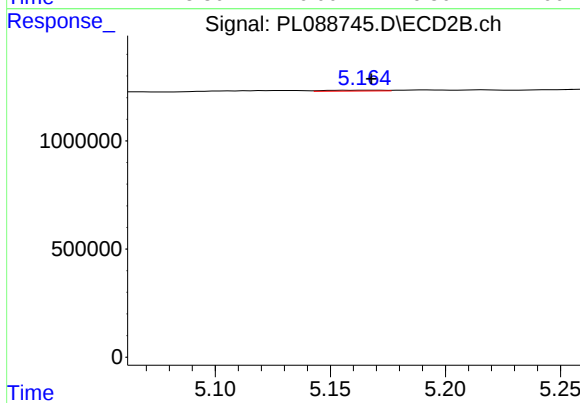
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.103 min  
Response: 0  
Conc: N.D.



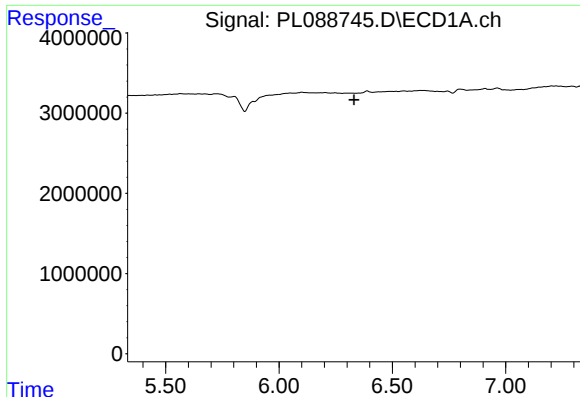
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.157 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

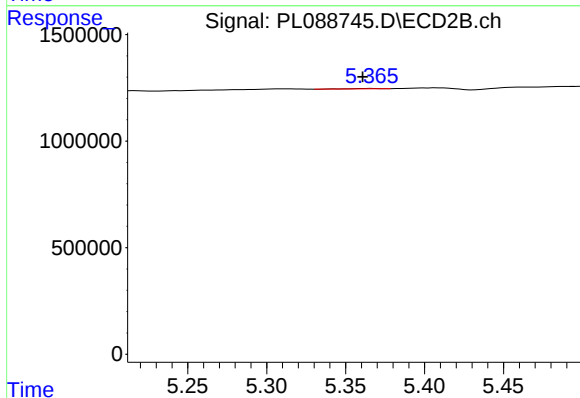
R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 66957  
Conc: 0.04 ng/ml



#12 4,4'-DDE

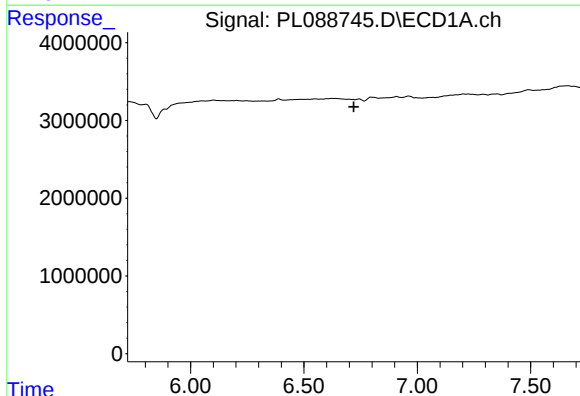
R.T.: 0.000 min  
Exp R.T.: 6.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



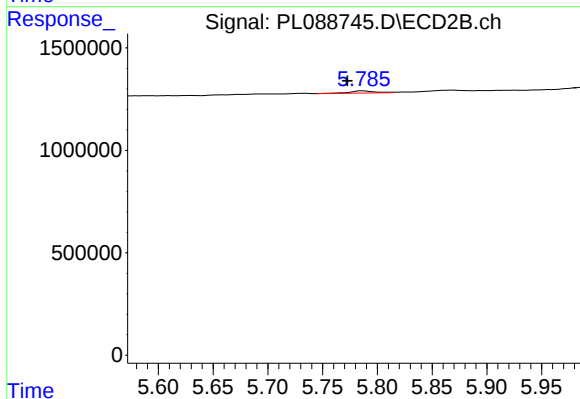
#12 4,4'-DDE

R.T.: 5.366 min  
Delta R.T.: 0.005 min  
Response: 24074  
Conc: 0.02 ng/ml



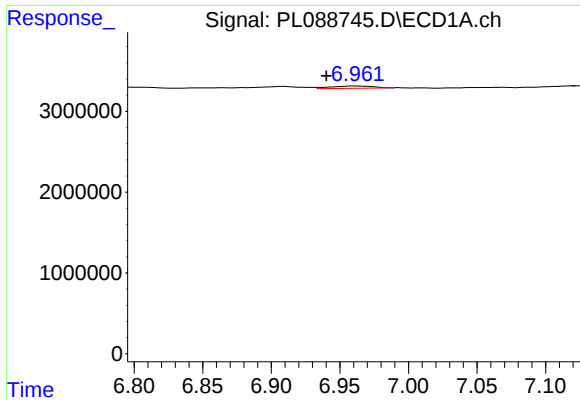
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.719 min  
Response: 0  
Conc: N.D.



#14 Endrin

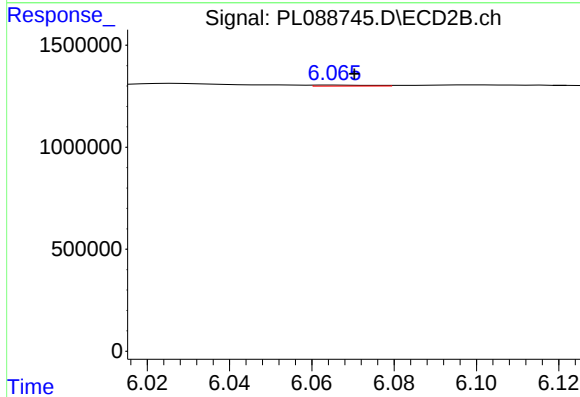
R.T.: 5.787 min  
Delta R.T.: 0.014 min  
Response: 171709  
Conc: 0.12 ng/ml



#15 Endosulfan II

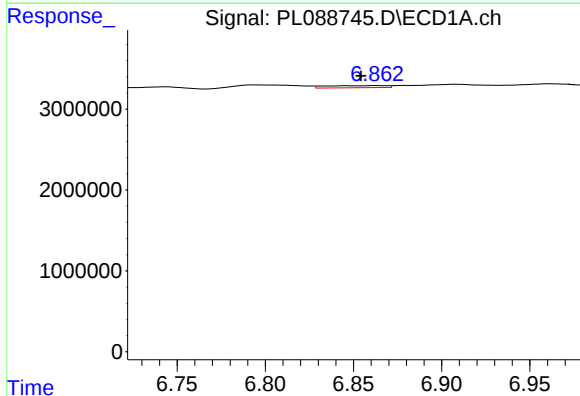
R.T.: 6.963 min  
Delta R.T.: 0.022 min  
Response: 608487  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



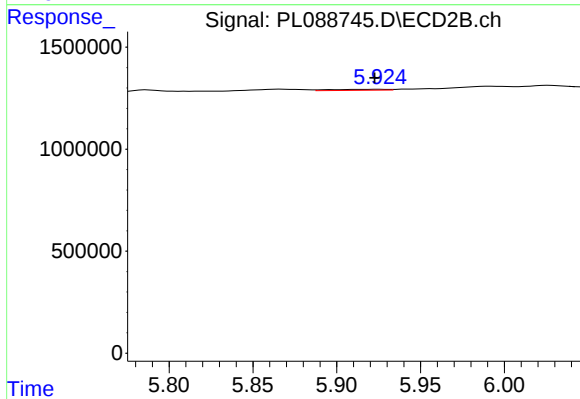
#15 Endosulfan II

R.T.: 6.066 min  
Delta R.T.: -0.004 min  
Response: 48451  
Conc: 0.03 ng/ml



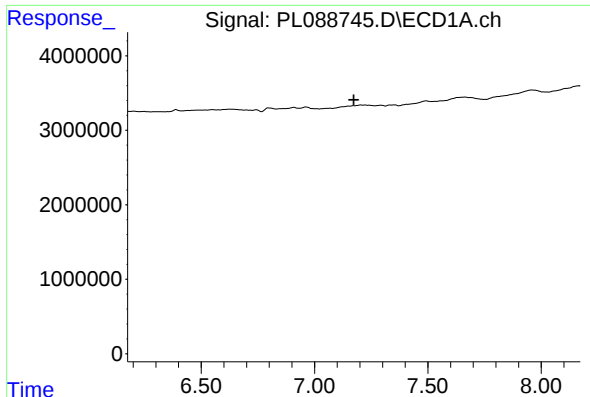
#16 4,4'-DDD

R.T.: 6.864 min  
Delta R.T.: 0.010 min  
Response: 629634  
Conc: 0.25 ng/ml



#16 4,4'-DDD

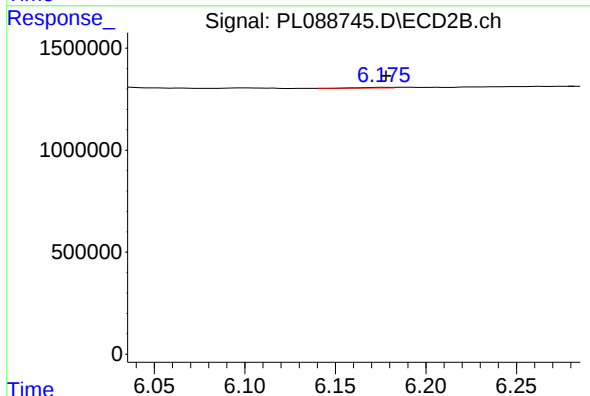
R.T.: 5.926 min  
Delta R.T.: 0.003 min  
Response: 111542  
Conc: 0.09 ng/ml



#17 4,4'-DDT

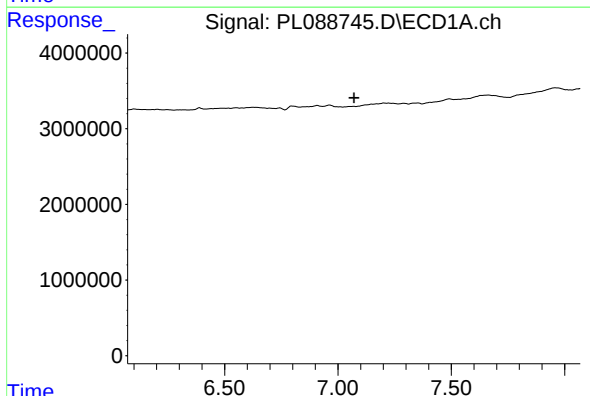
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



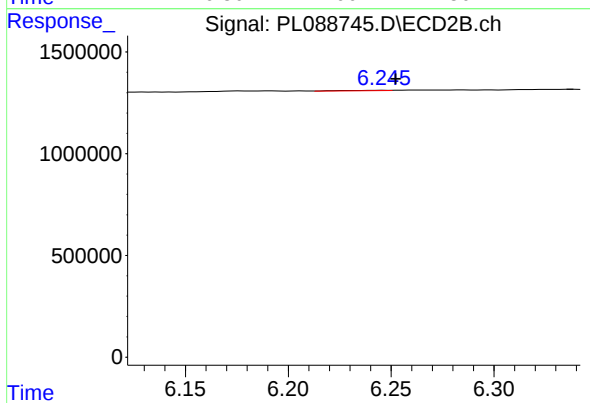
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 29912  
Conc: 0.02 ng/ml



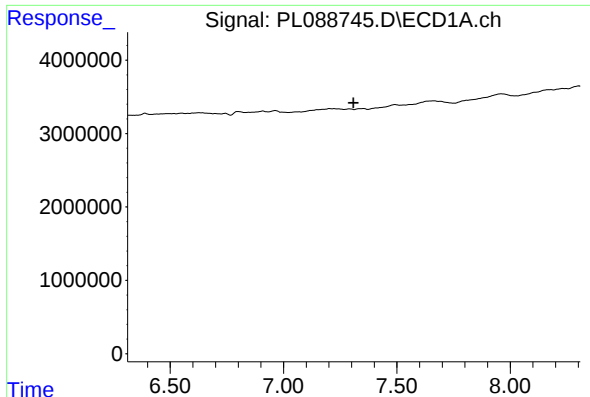
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

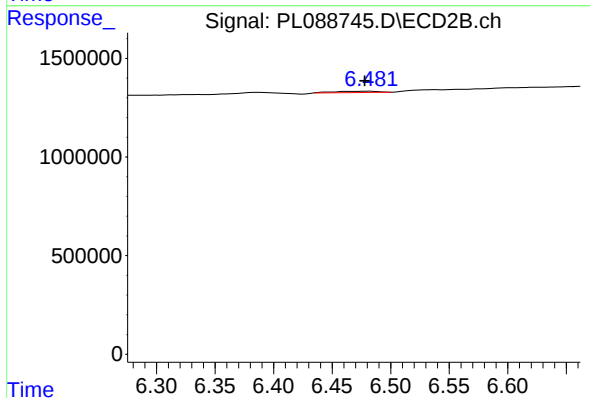
R.T.: 6.247 min  
Delta R.T.: -0.006 min  
Response: 30185  
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

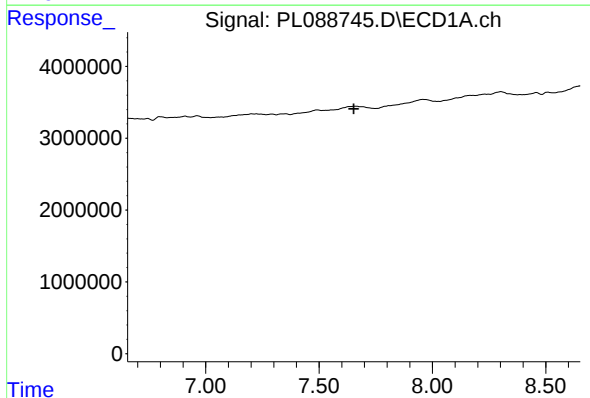
R.T.: 0.000 min  
Exp R.T.: 7.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



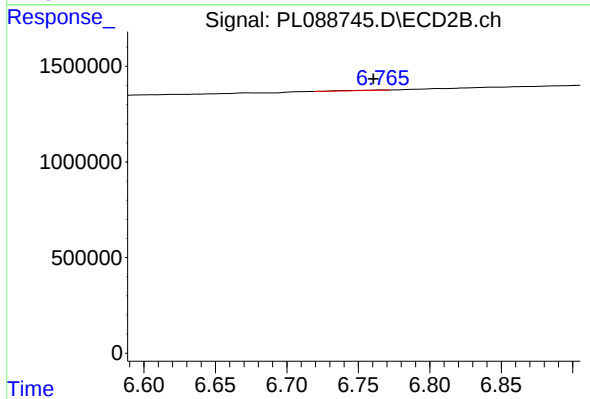
#19 Endosulfan Sulfate

R.T.: 6.482 min  
Delta R.T.: 0.004 min  
Response: 168495  
Conc: 0.12 ng/ml



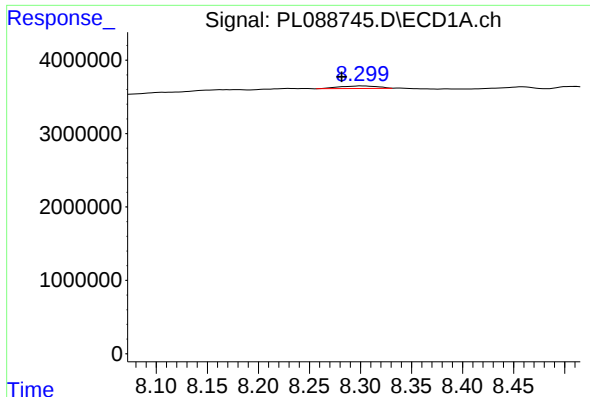
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

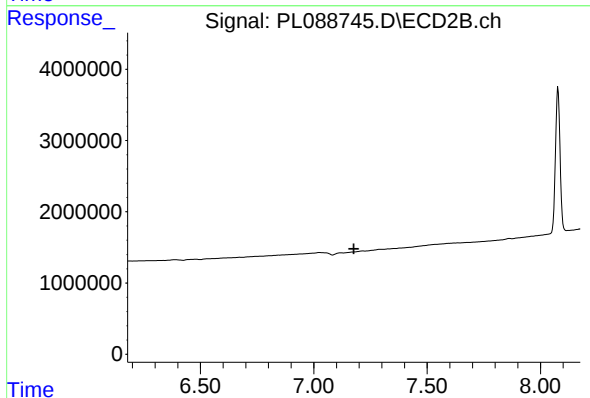
R.T.: 6.767 min  
Delta R.T.: 0.006 min  
Response: 26242  
Conc: 0.03 ng/ml



#22 Mirex

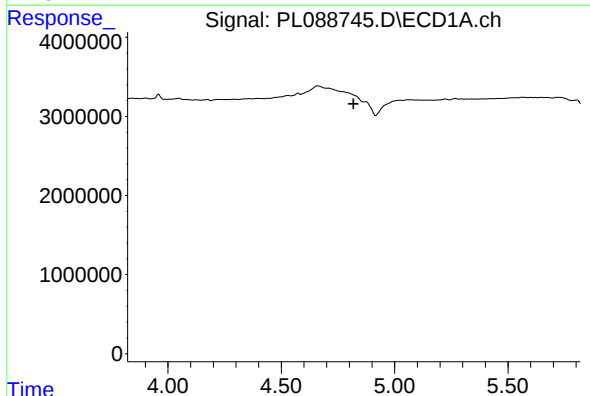
R.T.: 8.301 min  
Delta R.T.: 0.019 min  
Response: 956332  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



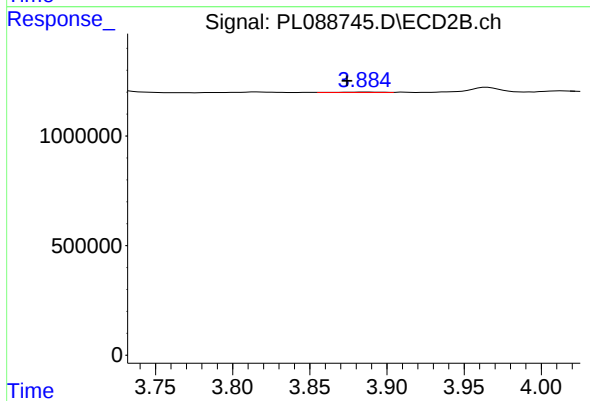
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.176 min  
Response: 0  
Conc: N.D.



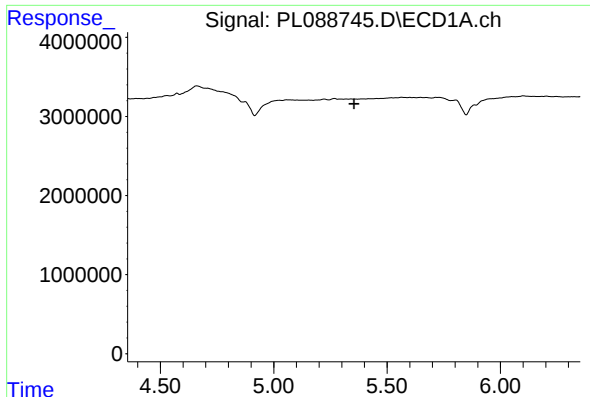
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.819 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

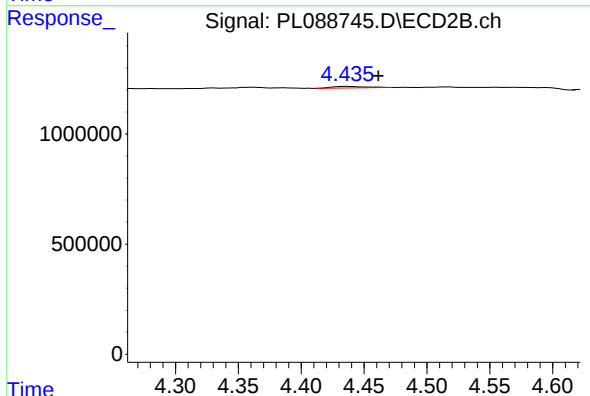
R.T.: 3.887 min  
Delta R.T.: 0.013 min  
Response: 36929  
Conc: 0.76 ng/ml



#24 Chlordane-2

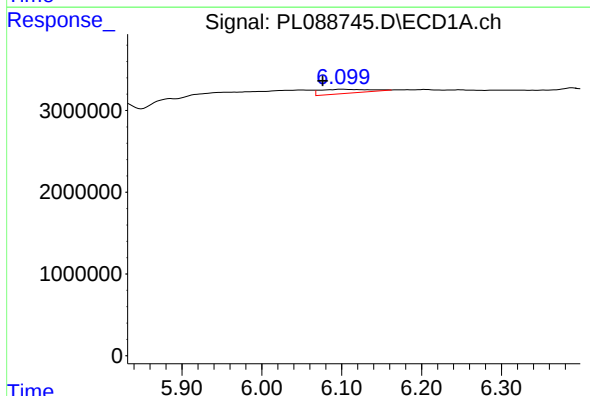
R.T.: 0.000 min  
Exp R.T.: 5.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



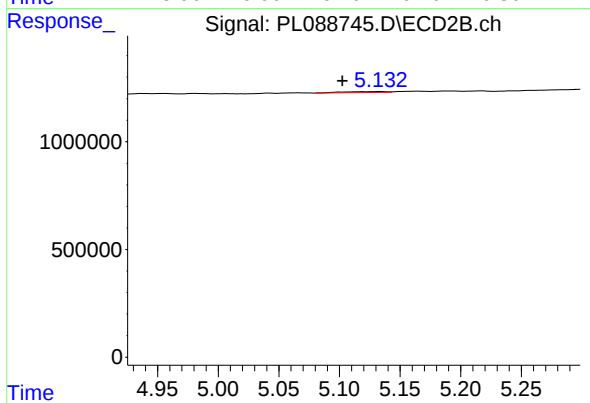
#24 Chlordane-2

R.T.: 4.436 min  
Delta R.T.: -0.026 min  
Response: 128727  
Conc: 2.12 ng/ml



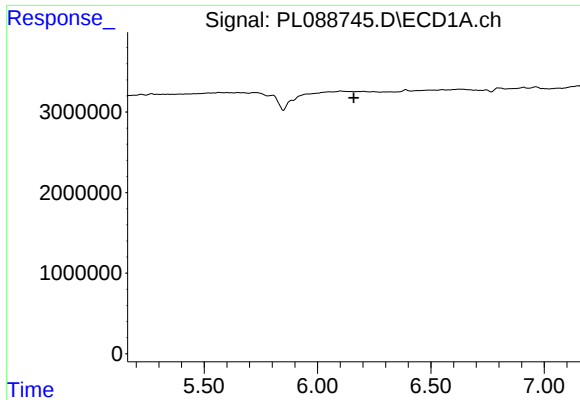
#25 Chlordane-3

R.T.: 6.100 min  
Delta R.T.: 0.024 min  
Response: 2151671  
Conc: 4.33 ng/ml



#25 Chlordane-3

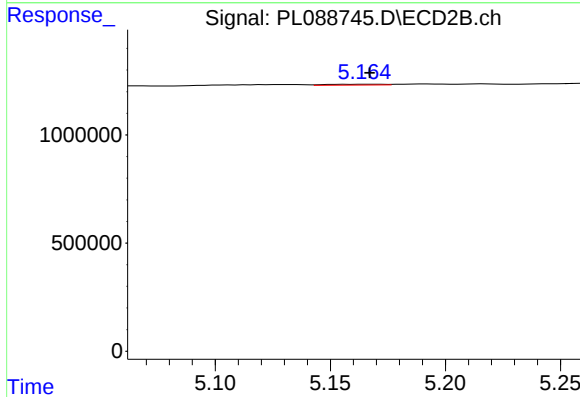
R.T.: 5.134 min  
Delta R.T.: 0.032 min  
Response: 112529  
Conc: 0.66 ng/ml



#26 Chlordane-4

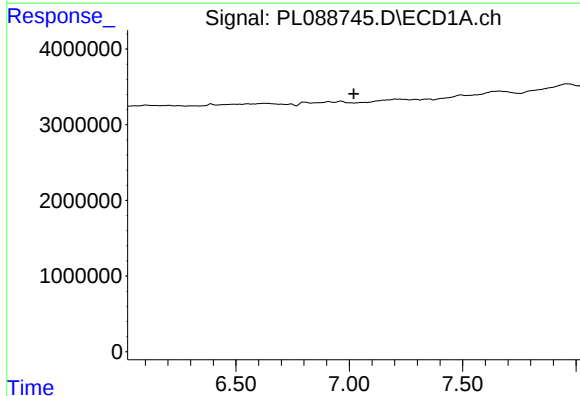
R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



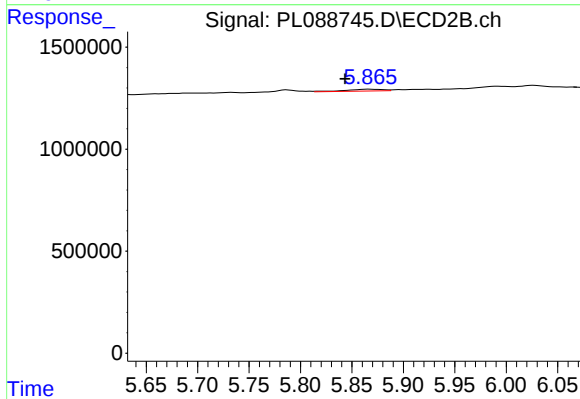
#26 Chlordane-4

R.T.: 5.165 min  
Delta R.T.: -0.002 min  
Response: 66957  
Conc: 0.42 ng/ml



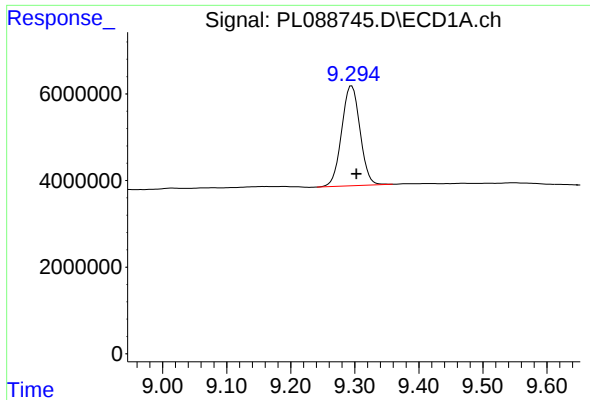
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

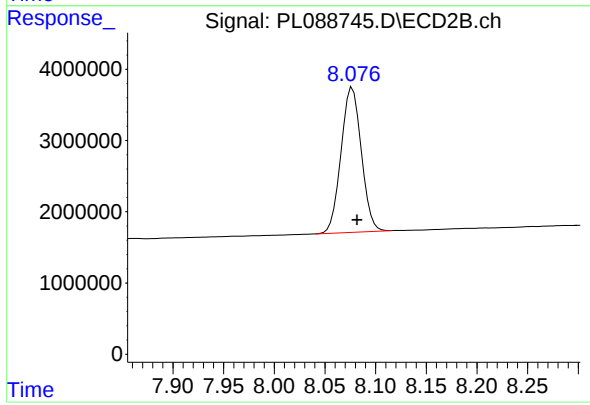
R.T.: 5.867 min  
Delta R.T.: 0.024 min  
Response: 214416  
Conc: 4.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.295 min  
Delta R.T.: -0.008 min  
Response: 45964632  
Conc: 18.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 8.077 min  
Delta R.T.: -0.005 min  
Response: 28308621  
Conc: 20.88 ng/ml