

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022324\  
 Data File : PL088243.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2024 09:09  
 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: Feb 23 12:59:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.636  | 2.854  | 58560951 | 28359698 | 21.320 | 20.221  |
| 28)                         | SA Decachlor... | 9.311  | 8.088  | 49126642 | 29176489 | 25.508 | 22.914  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.354  | 0        | 129778   | N.D.   | 0.063 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.694  | 0        | 18337    | N.D.   | 0.009 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.043  | 0        | 26327    | N.D.   | 0.014 # |
| 5)                          | MB Aldrin       | 0.000  | 4.314f | 0        | 269166   | N.D.   | 0.139 # |
| 6)                          | B beta-BHC      | 0.000  | 4.017  | 0        | 137577   | N.D.   | 0.155 # |
| 7)                          | B delta-BHC     | 4.883  | 4.244  | 1587190  | 213386   | 0.417  | 0.107 # |
| 8)                          | B Heptachlo...  | 5.815  | 4.874f | 4065325  | 28317    | 1.160  | 0.016 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.208f | 0        | 211730   | N.D.   | 0.132 # |
| 10)                         | B gamma-Chl...  | 0.000  | 5.108  | 0        | 237299   | N.D.   | 0.133 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.186f | 0        | 378481   | N.D.   | 0.212 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.371  | 0        | 24447    | N.D.   | 0.015 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.511f | 0        | 71693    | N.D.   | 0.042 # |
| 14)                         | MA Endrin       | 6.703f | 5.793f | 1138590  | 708379   | 0.438  | 0.474   |
| 15)                         | B Endosulfa...  | 6.928  | 6.073  | 861850   | 58618    | 0.301  | 0.038 # |
| 16)                         | A 4,4'-DDD      | 6.852  | 5.944f | 1370981  | 34908    | 0.529  | 0.026 # |
| 17)                         | MA 4,4'-DDT     | 7.176  | 6.171  | 107235   | 16736    | 0.041  | 0.012 # |
| 18)                         | B Endrin al...  | 0.000  | 6.263  | 0        | 29919    | N.D.   | 0.027 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.487  | 0        | 148440   | N.D.   | 0.106 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.764  | 0        | 114850   | N.D.   | 0.147 # |
| 22)                         | Mirex           | 0.000  | 7.192  | 0        | 1904082  | N.D.   | 1.453 # |
| 23)                         | Chlordane-1     | 0.000  | 3.873  | 0        | 11899    | N.D.   | 0.231 # |
| 24)                         | Chlordane-2     | 0.000  | 4.442f | 0        | 276699   | N.D.   | 4.355 # |
| 25)                         | Chlordane-3     | 0.000  | 5.108  | 0        | 237299   | N.D.   | 1.274 # |
| 26)                         | Chlordane-4     | 0.000  | 5.186  | 0        | 378481   | N.D.   | 2.189 # |
| 27)                         | Chlordane-5     | 7.025  | 5.877f | 185406   | 209087   | 1.832  | 3.952 # |
| -----                       |                 |        |        |          |          |        |         |

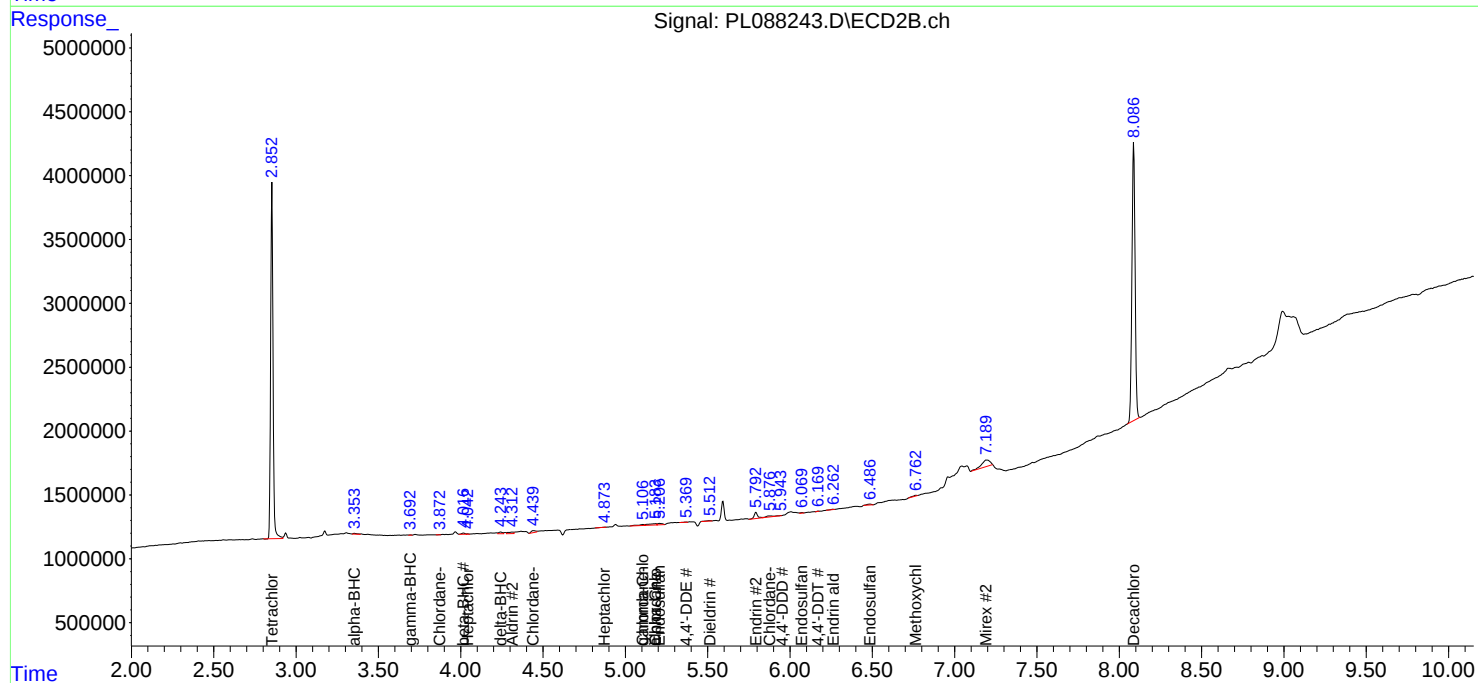
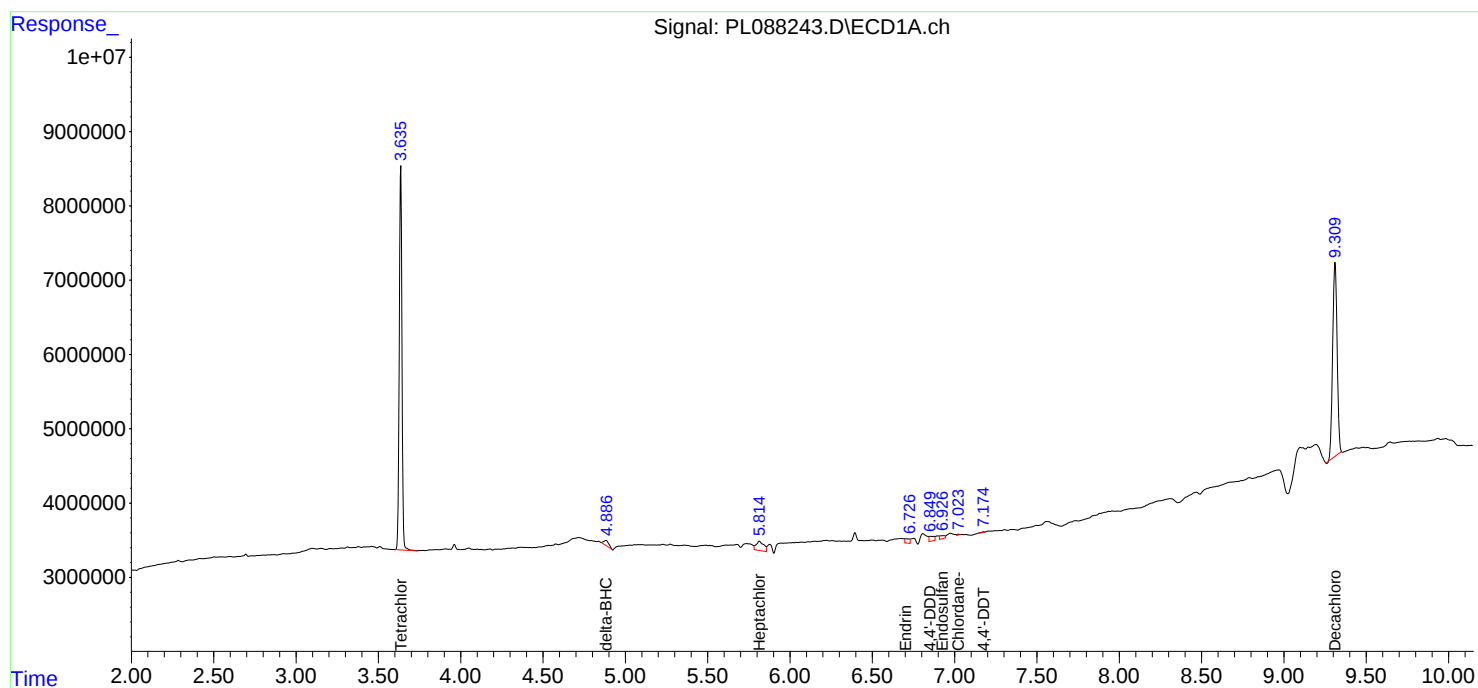
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

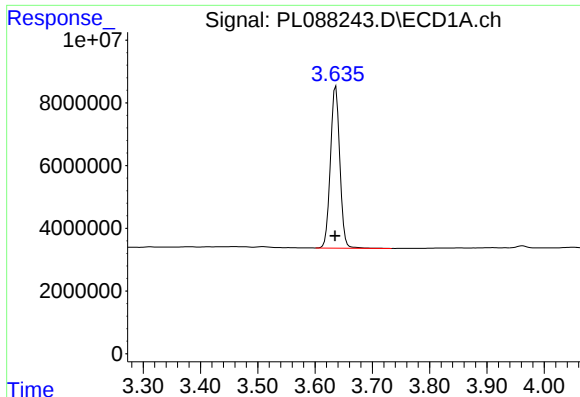
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022324\  
Data File : PL088243.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Feb 2024 09:09  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 12:59:20 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 2024  
Response via : Initial Calibration  
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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

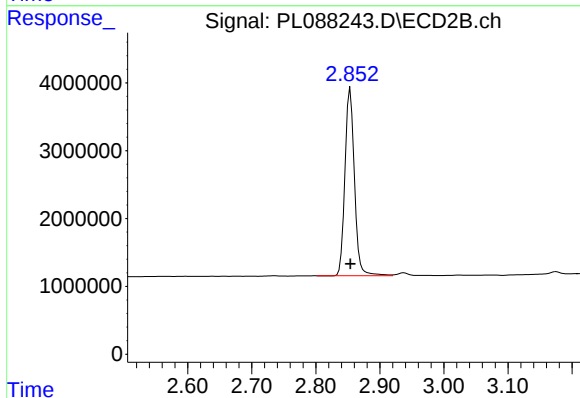




#1 Tetrachloro-m-xylene

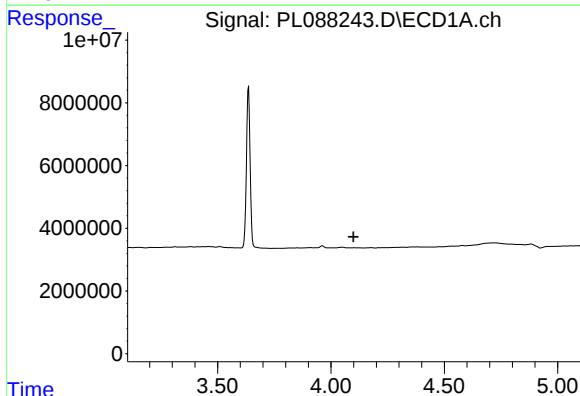
R.T.: 3.636 min  
Delta R.T.: 0.001 min  
Response: 58560951  
Conc: 21.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



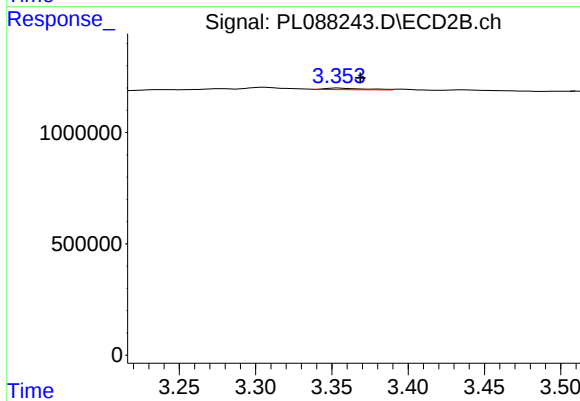
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 28359698  
Conc: 20.22 ng/ml



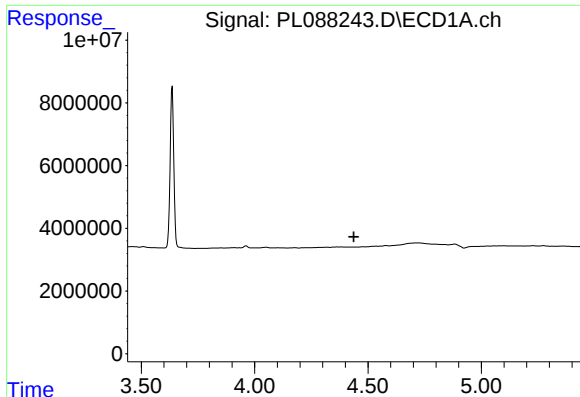
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.100 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

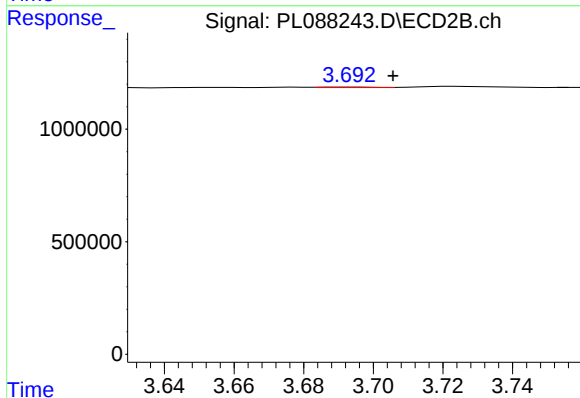
R.T.: 3.354 min  
Delta R.T.: -0.015 min  
Response: 129778  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

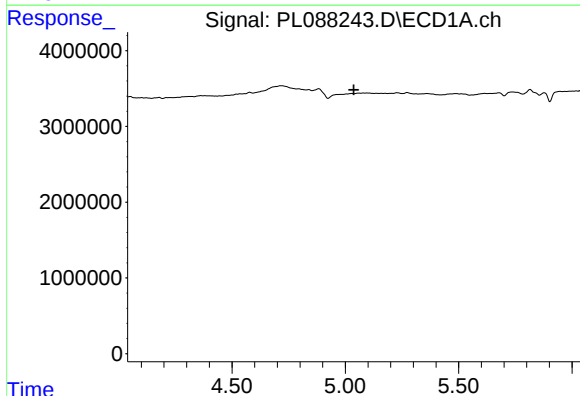
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



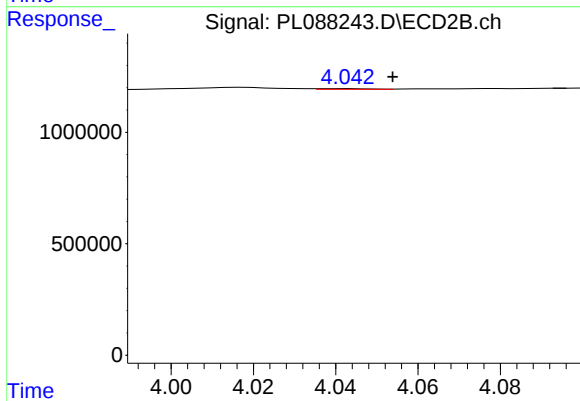
#3 gamma-BHC (Lindane)

R.T.: 3.694 min  
Delta R.T.: -0.012 min  
Response: 18337  
Conc: 0.01 ng/ml



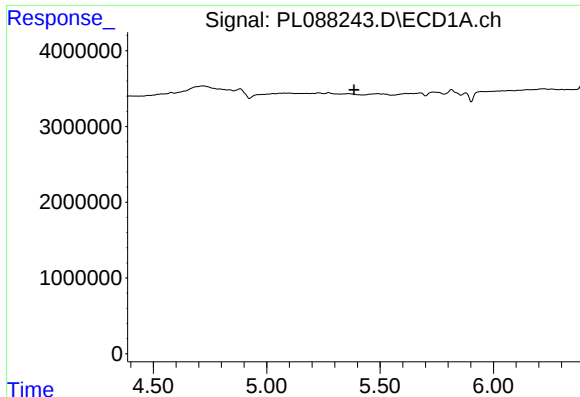
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

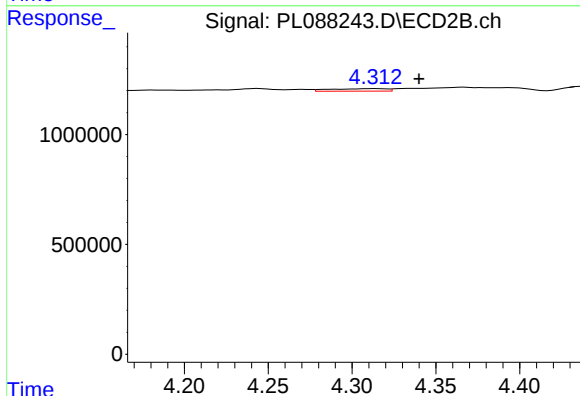
R.T.: 4.043 min  
Delta R.T.: -0.010 min  
Response: 26327  
Conc: 0.01 ng/ml



#5 Aldrin

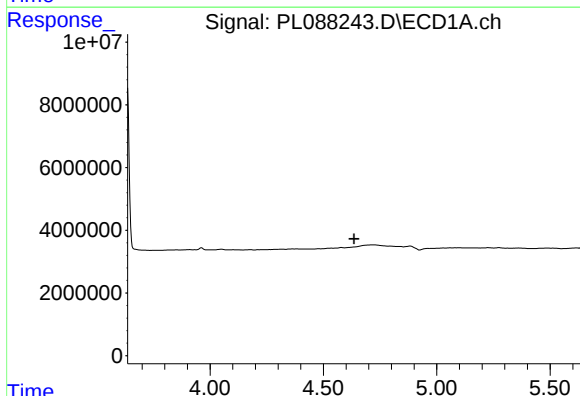
R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



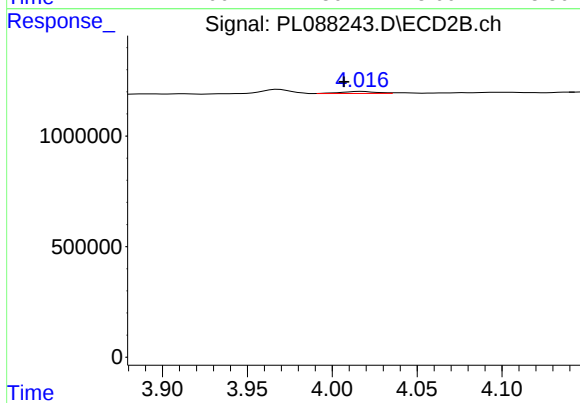
#5 Aldrin

R.T.: 4.314 min  
Delta R.T.: -0.026 min  
Response: 269166  
Conc: 0.14 ng/ml



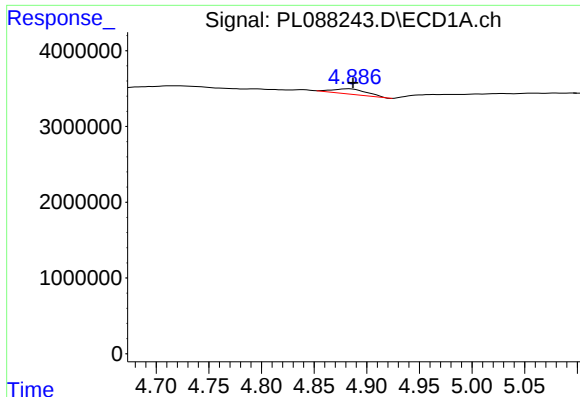
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

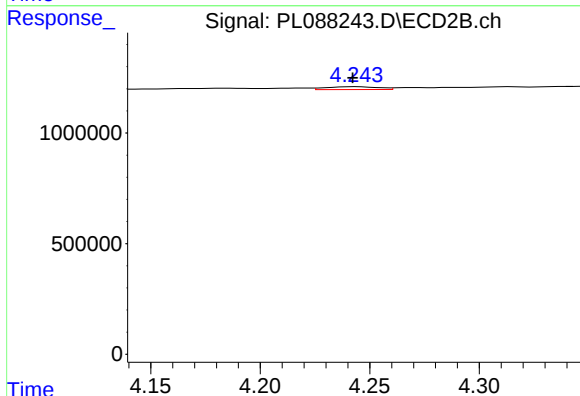
R.T.: 4.017 min  
Delta R.T.: 0.010 min  
Response: 137577  
Conc: 0.15 ng/ml



#7 delta-BHC

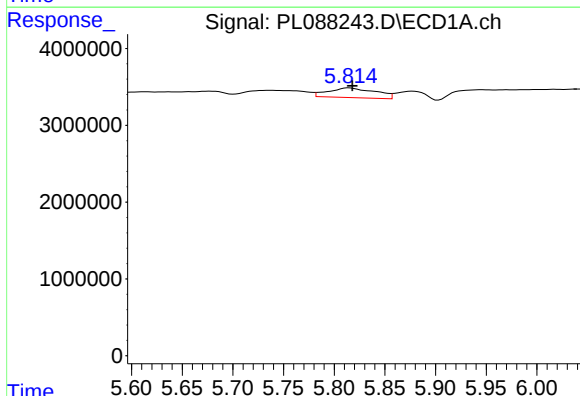
R.T.: 4.883 min  
Delta R.T.: -0.004 min  
Response: 1587190  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



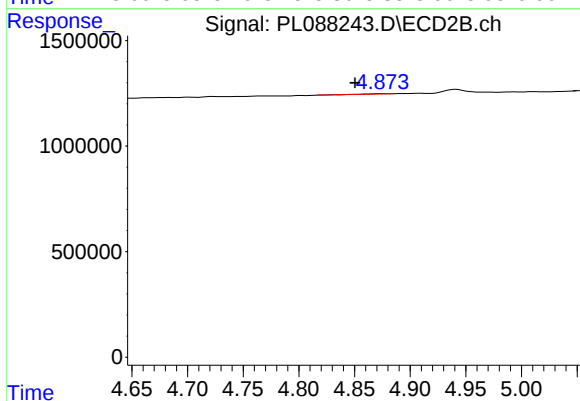
#7 delta-BHC

R.T.: 4.244 min  
Delta R.T.: 0.002 min  
Response: 213386  
Conc: 0.11 ng/ml



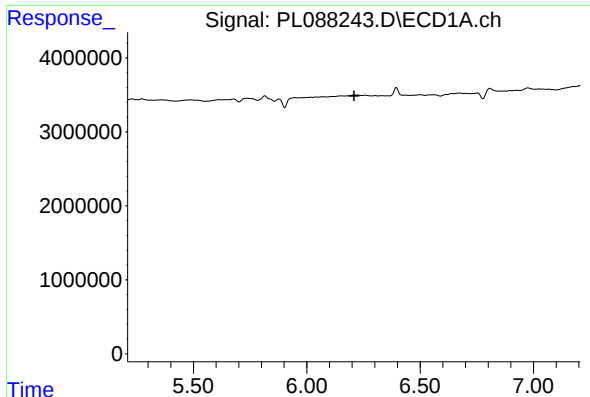
#8 Heptachlor epoxide

R.T.: 5.815 min  
Delta R.T.: -0.003 min  
Response: 4065325  
Conc: 1.16 ng/ml



#8 Heptachlor epoxide

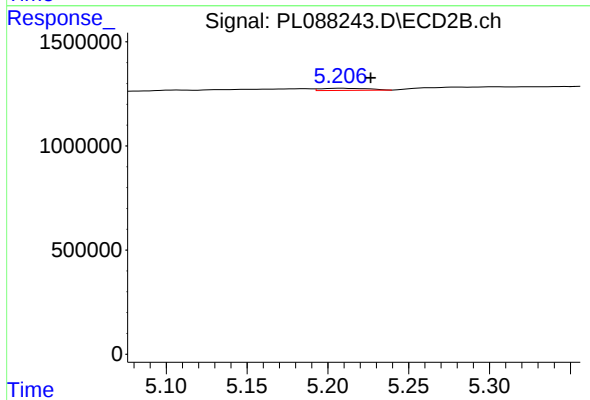
R.T.: 4.874 min  
Delta R.T.: 0.024 min  
Response: 28317  
Conc: 0.02 ng/ml



#9 Endosulfan I

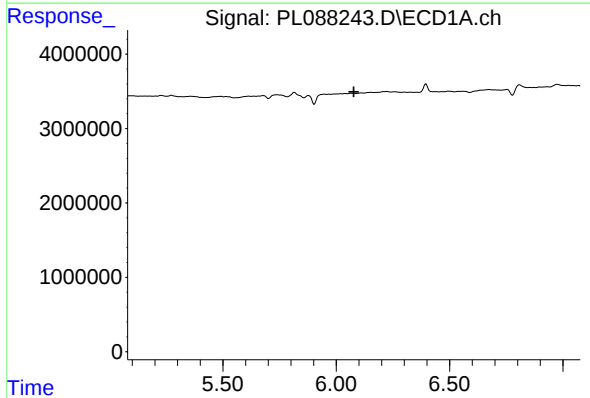
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



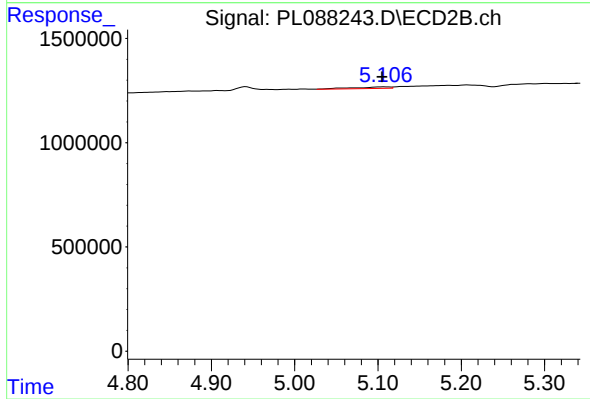
#9 Endosulfan I

R.T.: 5.208 min  
Delta R.T.: -0.018 min  
Response: 211730  
Conc: 0.13 ng/ml



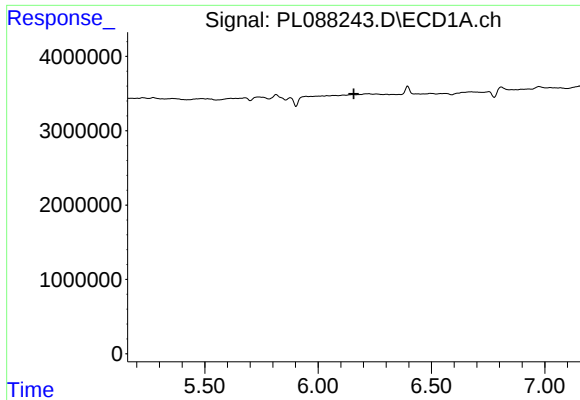
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

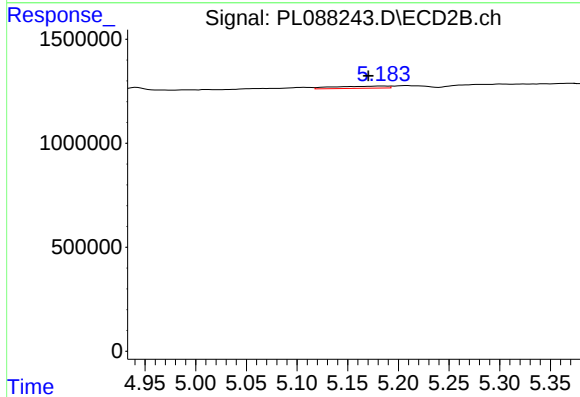
R.T.: 5.108 min  
Delta R.T.: 0.003 min  
Response: 237299  
Conc: 0.13 ng/ml



#11 alpha-Chlordane

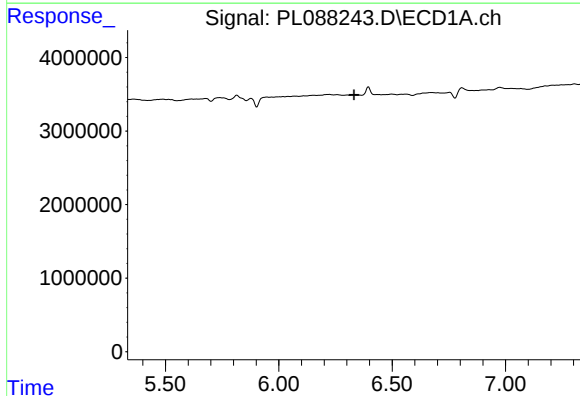
R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



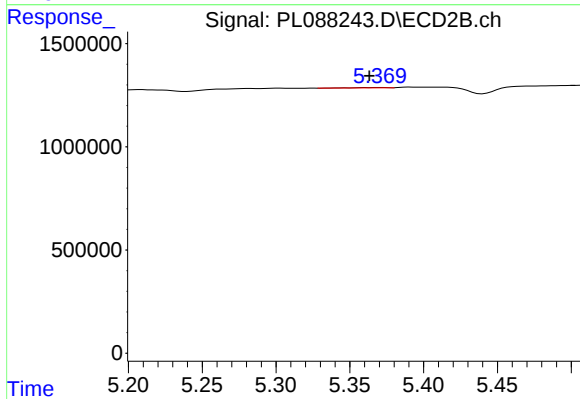
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: 0.015 min  
Response: 378481  
Conc: 0.21 ng/ml



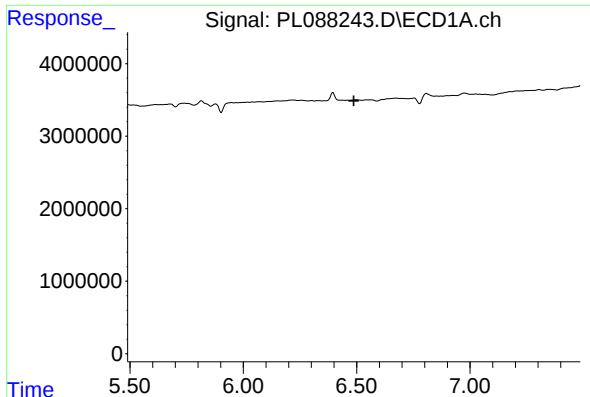
#12 4,4'-DDE

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



#12 4,4'-DDE

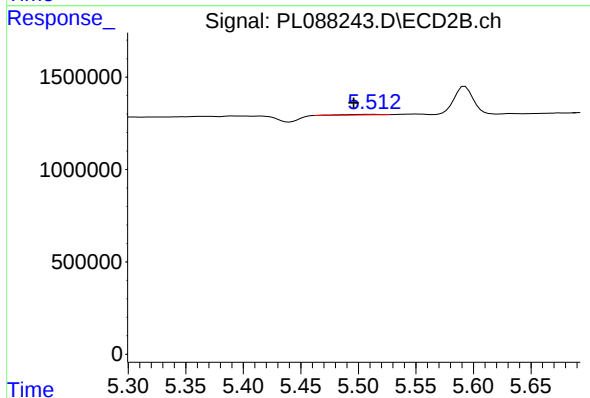
R.T.: 5.371 min  
Delta R.T.: 0.007 min  
Response: 24447  
Conc: 0.02 ng/ml



#13 Dieldrin

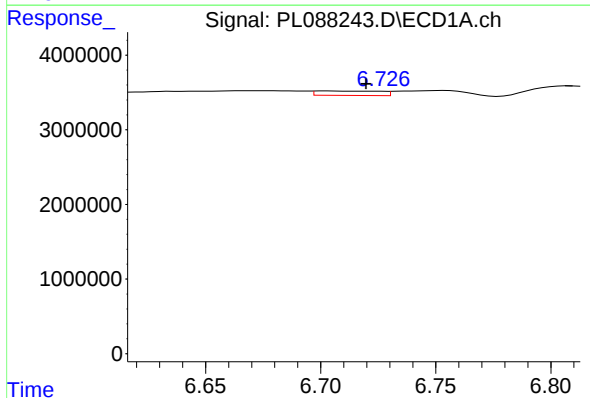
R.T.: 0.000 min  
Exp R.T.: 6.488 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



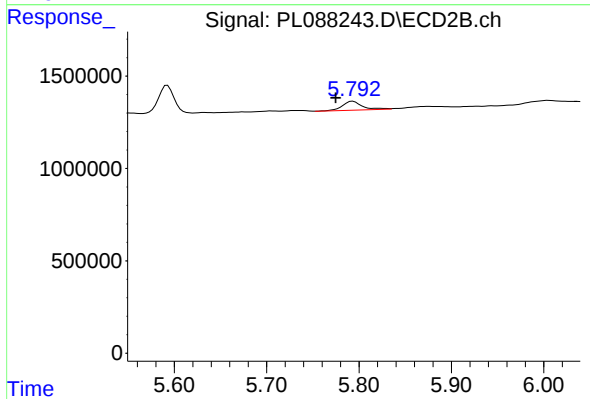
#13 Dieldrin

R.T.: 5.511 min  
Delta R.T.: 0.015 min  
Response: 71693  
Conc: 0.04 ng/ml



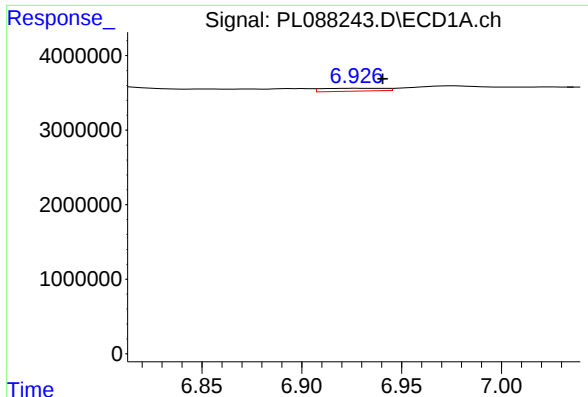
#14 Endrin

R.T.: 6.703 min  
Delta R.T.: -0.017 min  
Response: 1138590  
Conc: 0.44 ng/ml



#14 Endrin

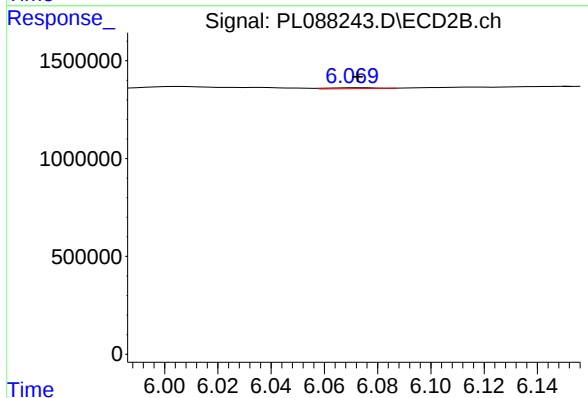
R.T.: 5.793 min  
Delta R.T.: 0.019 min  
Response: 708379  
Conc: 0.47 ng/ml



#15 Endosulfan II

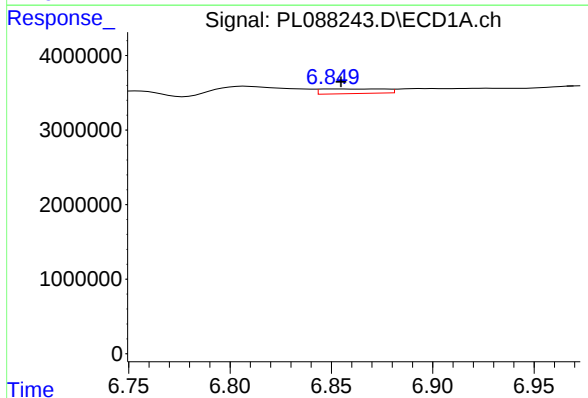
R.T.: 6.928 min  
Delta R.T.: -0.013 min  
Response: 861850  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



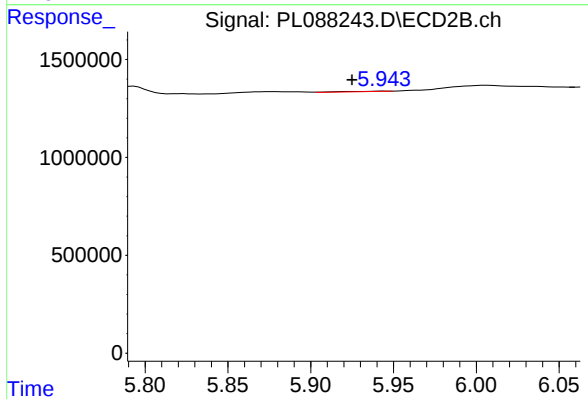
#15 Endosulfan II

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 58618  
Conc: 0.04 ng/ml



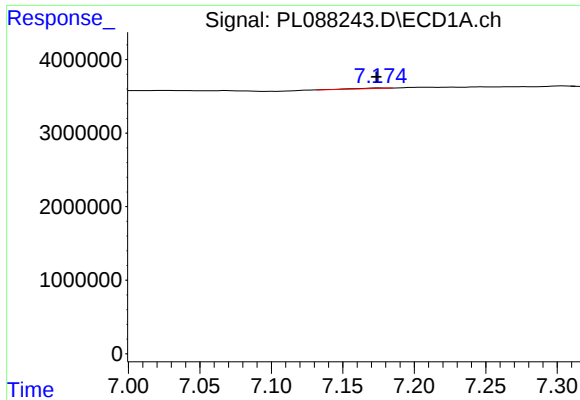
#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: -0.003 min  
Response: 1370981  
Conc: 0.53 ng/ml



#16 4,4'-DDD

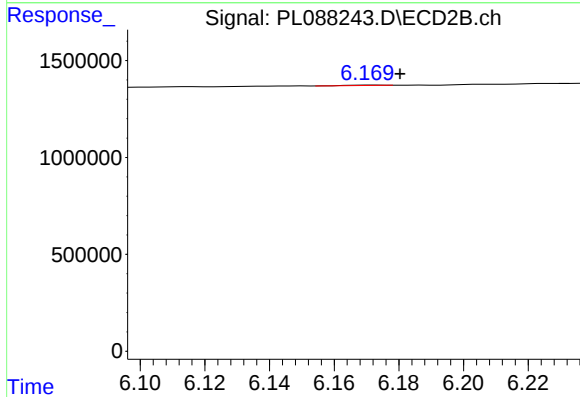
R.T.: 5.944 min  
Delta R.T.: 0.019 min  
Response: 34908  
Conc: 0.03 ng/ml



#17 4,4'-DDT

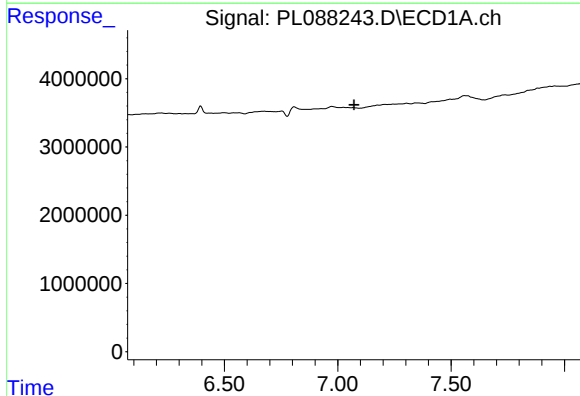
R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 107235  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



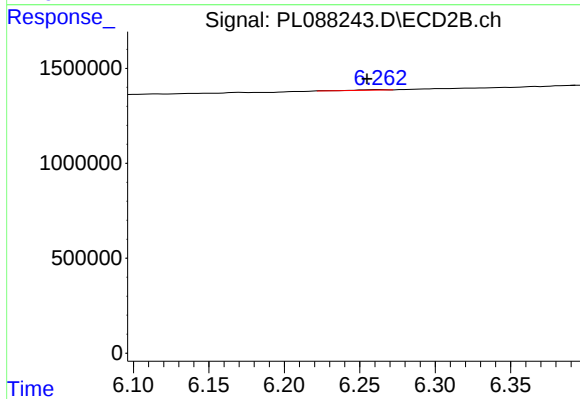
#17 4,4'-DDT

R.T.: 6.171 min  
Delta R.T.: -0.009 min  
Response: 16736  
Conc: 0.01 ng/ml



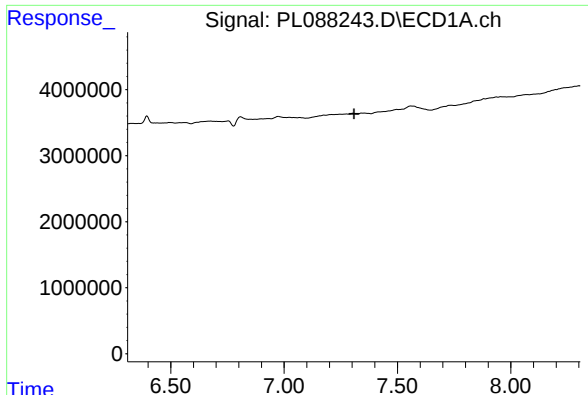
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.072 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

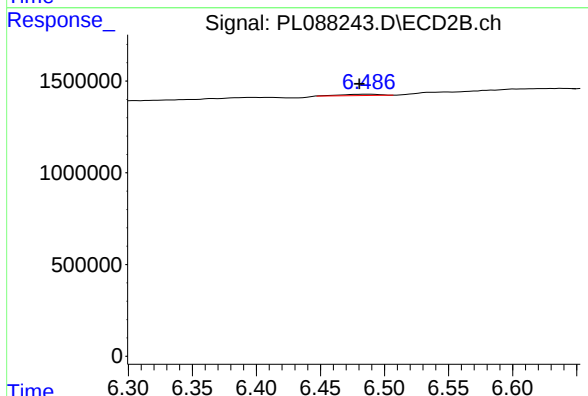
R.T.: 6.263 min  
Delta R.T.: 0.008 min  
Response: 29919  
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

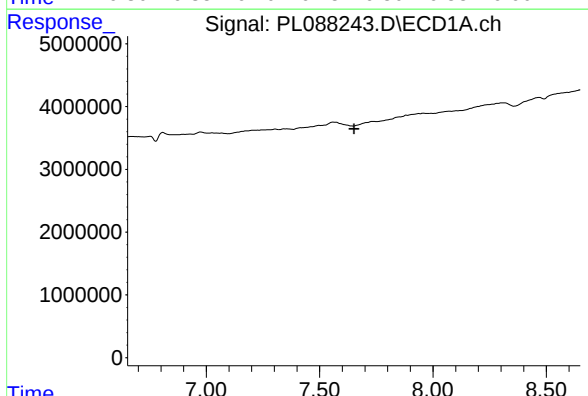
R.T.: 0.000 min  
Exp R.T.: 7.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



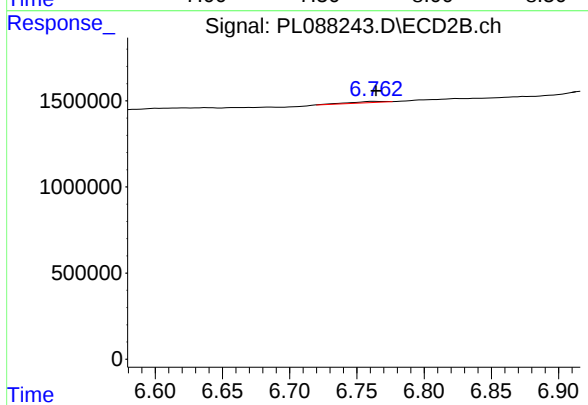
#19 Endosulfan Sulfate

R.T.: 6.487 min  
Delta R.T.: 0.006 min  
Response: 148440  
Conc: 0.11 ng/ml



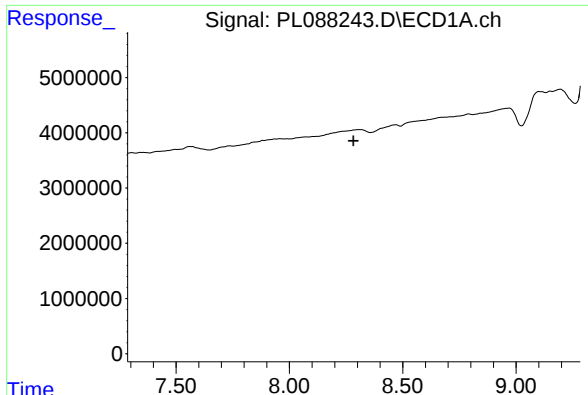
#20 Methoxychlor

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



#20 Methoxychlor

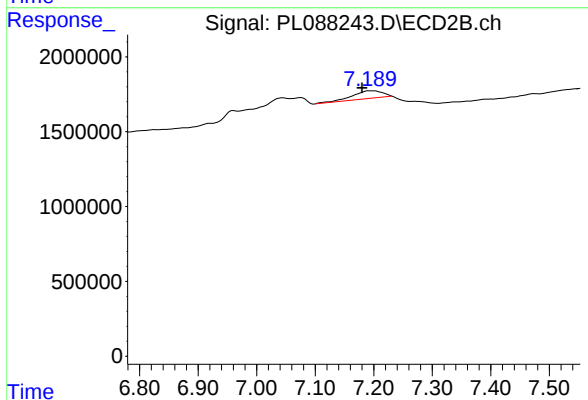
R.T.: 6.764 min  
Delta R.T.: 0.000 min  
Response: 114850  
Conc: 0.15 ng/ml



#22 Mirex

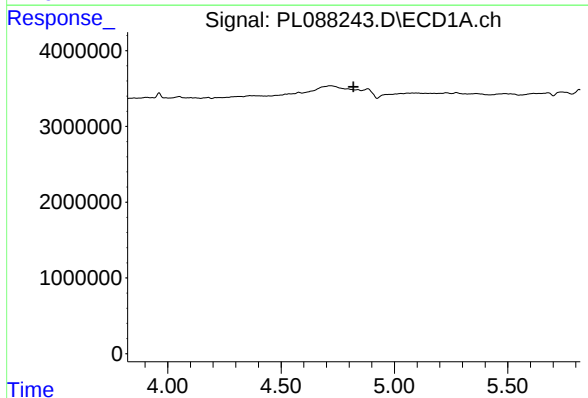
R.T.: 0.000 min  
Exp R.T.: 8.283 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



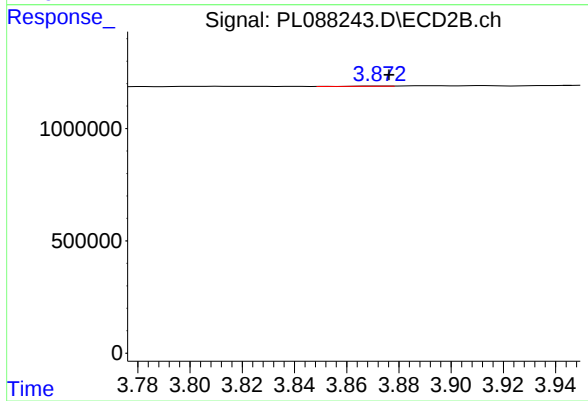
#22 Mirex

R.T.: 7.192 min  
Delta R.T.: 0.011 min  
Response: 1904082  
Conc: 1.45 ng/ml



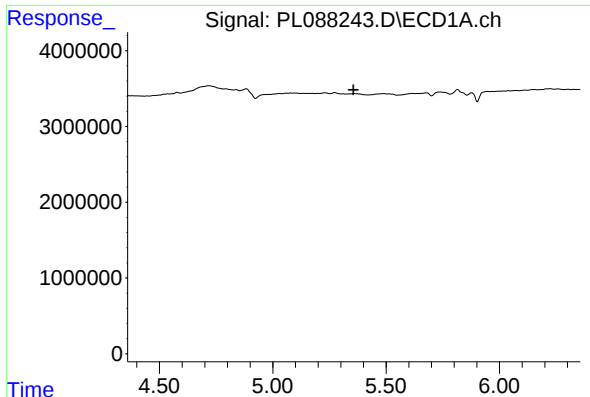
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

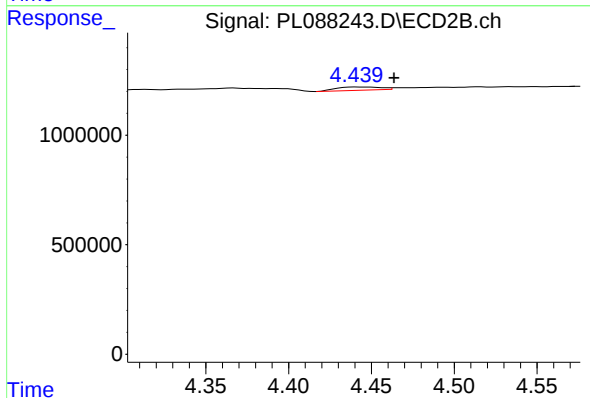
R.T.: 3.873 min  
Delta R.T.: -0.004 min  
Response: 11899  
Conc: 0.23 ng/ml



#24 Chlordane-2

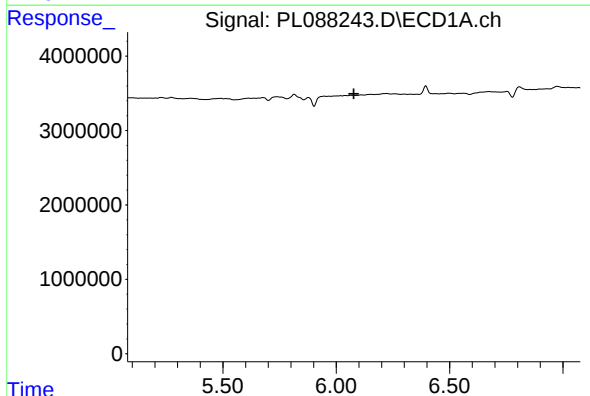
R.T.: 0.000 min  
Exp R.T.: 5.357 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



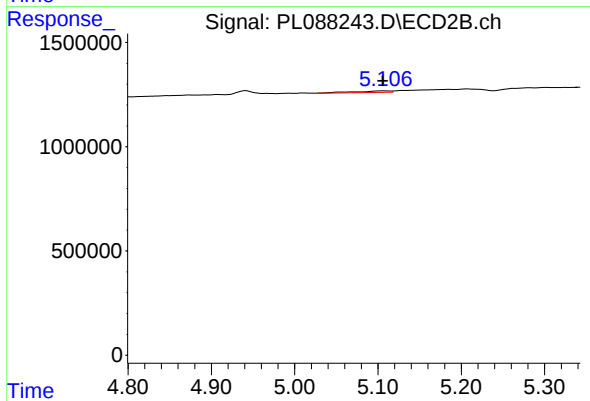
#24 Chlordane-2

R.T.: 4.442 min  
Delta R.T.: -0.022 min  
Response: 276699  
Conc: 4.35 ng/ml



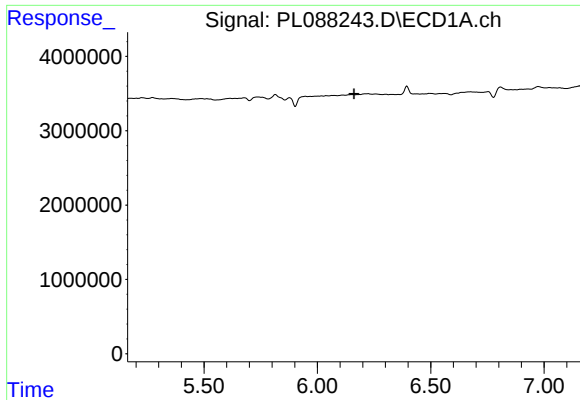
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

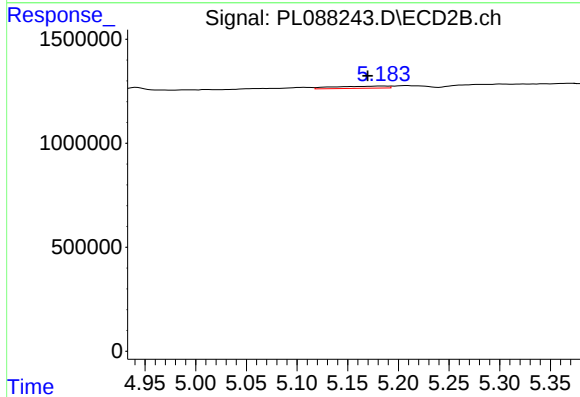
R.T.: 5.108 min  
Delta R.T.: 0.002 min  
Response: 237299  
Conc: 1.27 ng/ml



#26 Chlordane-4

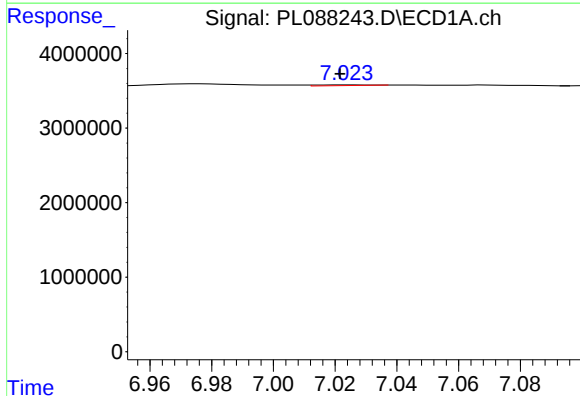
R.T.: 0.000 min  
Exp R.T.: 6.162 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



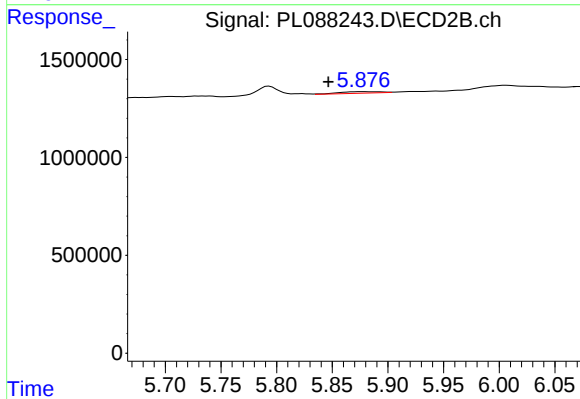
#26 Chlordane-4

R.T.: 5.186 min  
Delta R.T.: 0.016 min  
Response: 378481  
Conc: 2.19 ng/ml



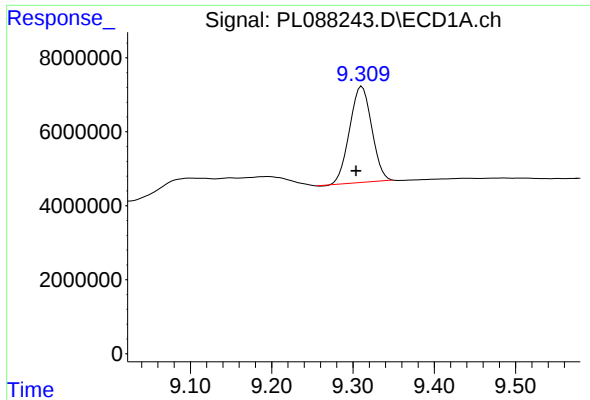
#27 Chlordane-5

R.T.: 7.025 min  
Delta R.T.: 0.003 min  
Response: 185406  
Conc: 1.83 ng/ml



#27 Chlordane-5

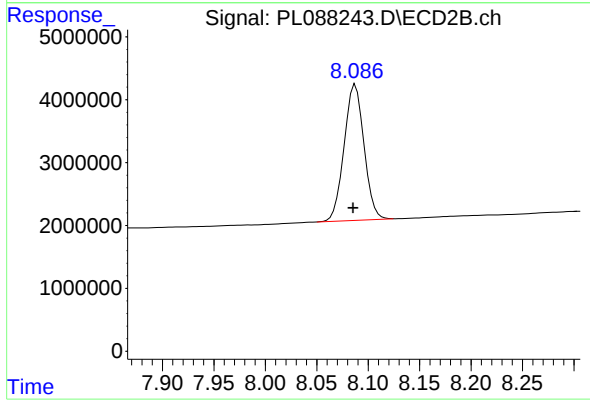
R.T.: 5.877 min  
Delta R.T.: 0.030 min  
Response: 209087  
Conc: 3.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.311 min  
Delta R.T.: 0.007 min  
Response: 49126642  
Conc: 25.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: 0.002 min  
Response: 29176489  
Conc: 22.91 ng/ml