

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022324\  
 Data File : PL088249.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2024 10:36  
 Operator : AR\AJ  
 Sample : P1549-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 336

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 13:00:51 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... | 3.635  | 2.853  | 54474410 | 27008883 | 19.833 | 19.257   |
| 28)                         | SA Decachlor... | 9.306  | 8.087  | 41812682 | 24591555 | 21.710 | 19.313   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.128f | 3.368  | 449392   | 652247   | 0.108  | 0.317 #  |
| 3)                          | MA gamma-BHC... | 4.426  | 3.719  | 2696709  | 264989   | 0.666  | 0.132 #  |
| 4)                          | MA Heptachlor   | 5.027  | 4.063  | 2336313  | 137003   | 0.607  | 0.075 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.364f | 0        | 1246329  | N.D.   | 0.643 #  |
| 6)                          | B beta-BHC      | 4.664f | 4.014  | 1205848  | 376451   | 0.692  | 0.423 #  |
| 7)                          | B delta-BHC     | 4.882  | 4.231  | 12007507 | 56187    | 3.156  | 0.028 #  |
| 8)                          | B Heptachlo...  | 5.841f | 4.841  | 5294022  | 74284    | 1.511  | 0.043 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.221  | 0        | 34797    | N.D.   | 0.022 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 5.110  | 0        | 135877   | N.D.   | 0.076 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.172  | 0        | 2044664  | N.D.   | 1.148 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.356  | 0        | 47525    | N.D.   | 0.030 #  |
| 13)                         | MA Dieldrin     | 6.504f | 5.508  | 563594   | 86381    | 0.171  | 0.050 #  |
| 14)                         | MA Endrin       | 0.000  | 5.756f | 0        | 13748    | N.D.   | 0.009 #  |
| 15)                         | B Endosulfa...  | 6.970f | 6.067  | 628402   | 93666    | 0.219  | 0.061 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.924  | 0        | 236749   | N.D.   | 0.173 #  |
| 17)                         | MA 4,4'-DDT     | 7.168  | 6.160f | 253677   | 8959     | 0.096  | 0.007 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.457f | 0        | 33593    | N.D.   | 0.024 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.886  | 0        | 505255   | N.D.   | 9.816 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.448  | 0        | 191606   | N.D.   | 3.016 #  |
| 25)                         | Chlordane-3     | 0.000  | 5.110  | 0        | 135877   | N.D.   | 0.730 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.172  | 0        | 2044664  | N.D.   | 11.824 # |
| 27)                         | Chlordane-5     | 7.018  | 5.869f | 228881   | 399122   | 2.261  | 7.544 #  |
| -----                       |                 |        |        |          |          |        |          |

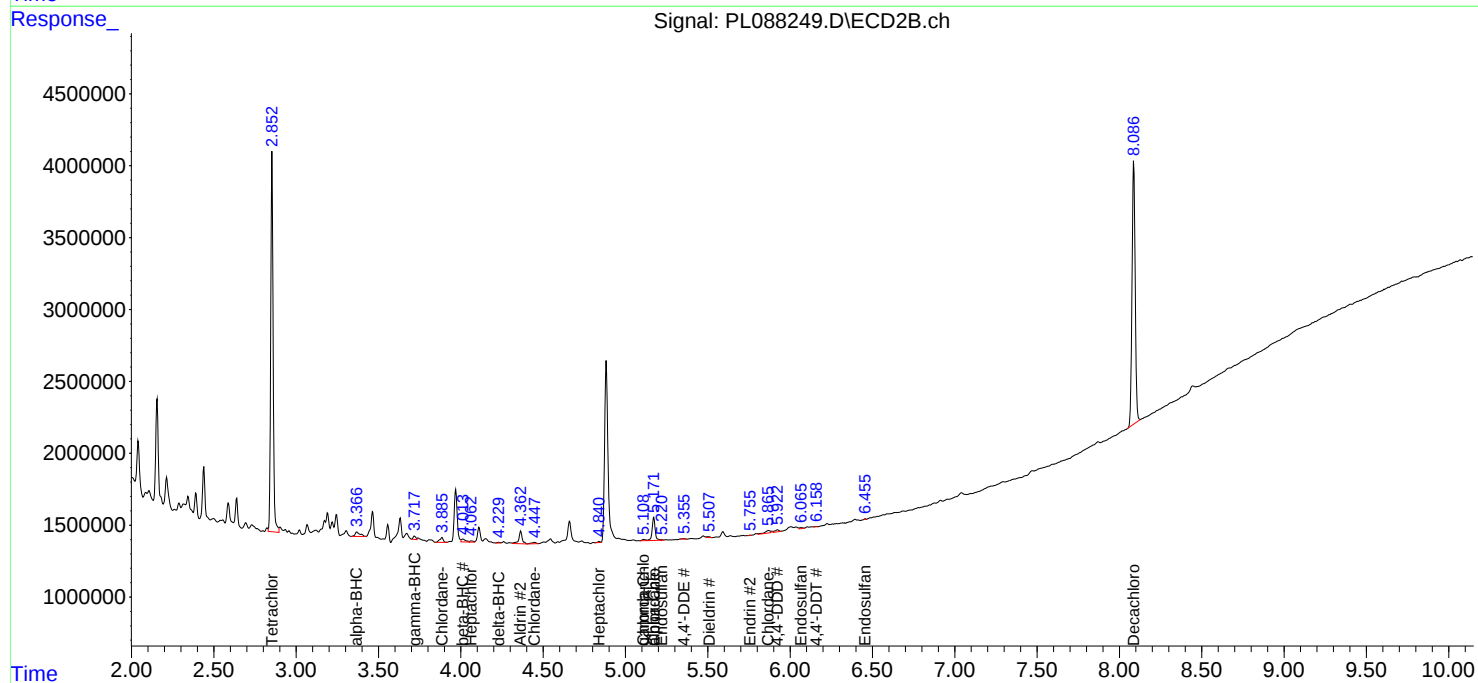
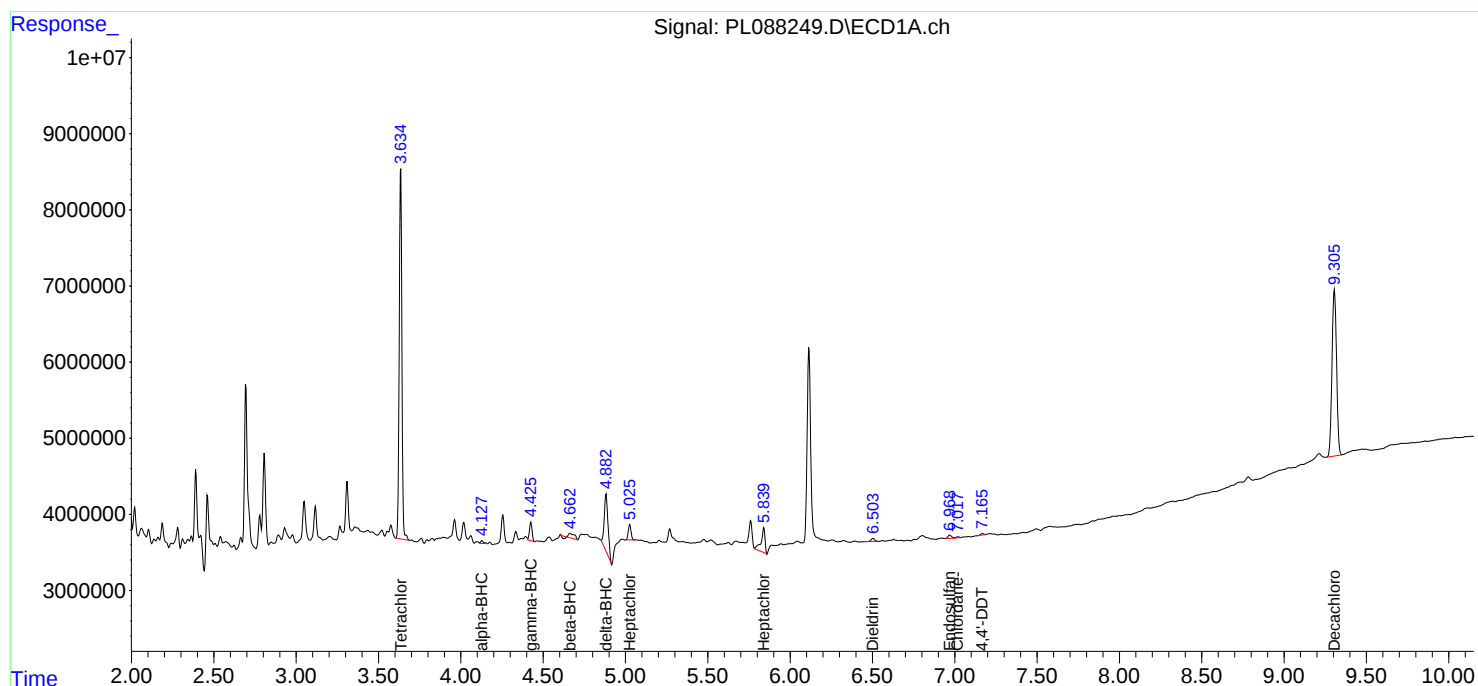
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

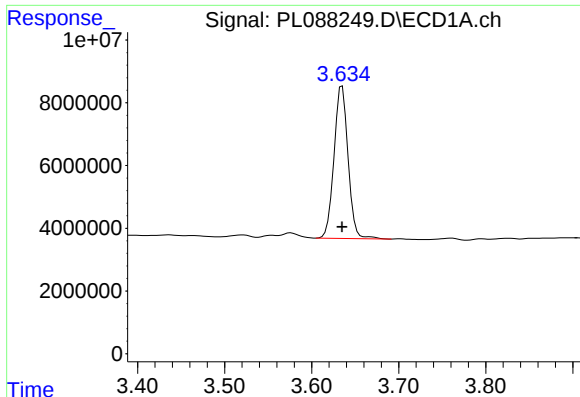
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022324\  
Data File : PL088249.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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ECD\_L  
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336

Integration File signal 1: autoint1.e  
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Quant Time: Feb 23 13:00:51 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
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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

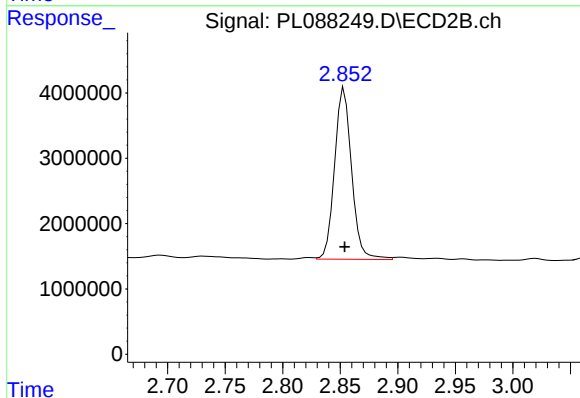




#1 Tetrachloro-m-xylene

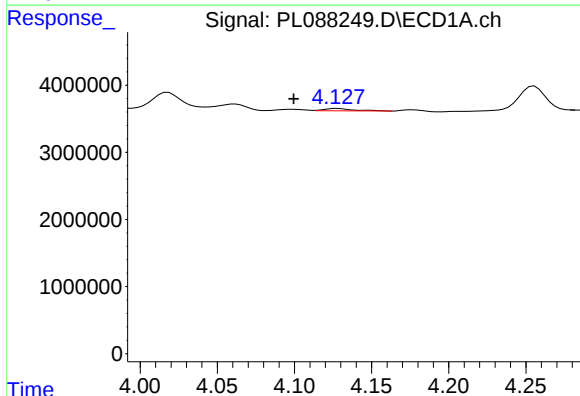
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 54474410  
Conc: 19.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
336



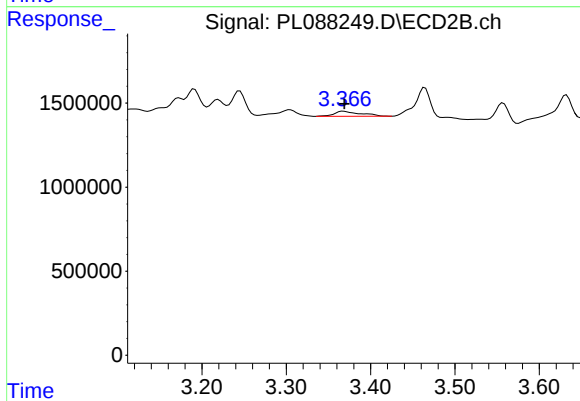
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 27008883  
Conc: 19.26 ng/ml



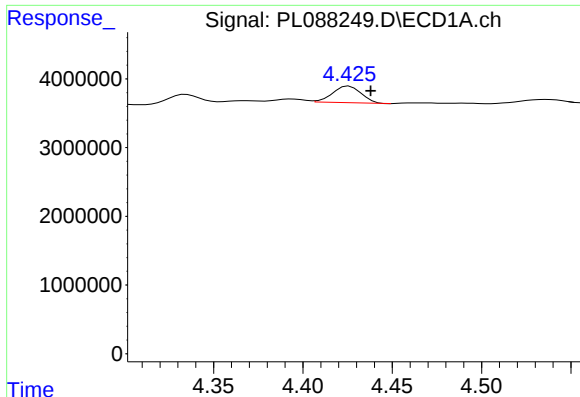
#2 alpha-BHC

R.T.: 4.128 min  
Delta R.T.: 0.029 min  
Response: 449392  
Conc: 0.11 ng/ml



#2 alpha-BHC

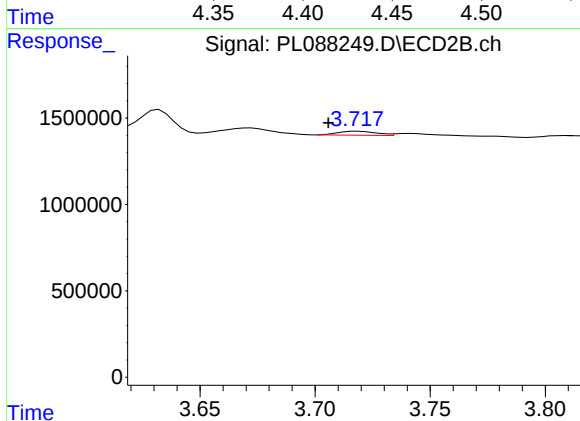
R.T.: 3.368 min  
Delta R.T.: 0.000 min  
Response: 652247  
Conc: 0.32 ng/ml



#3 gamma-BHC (Lindane)

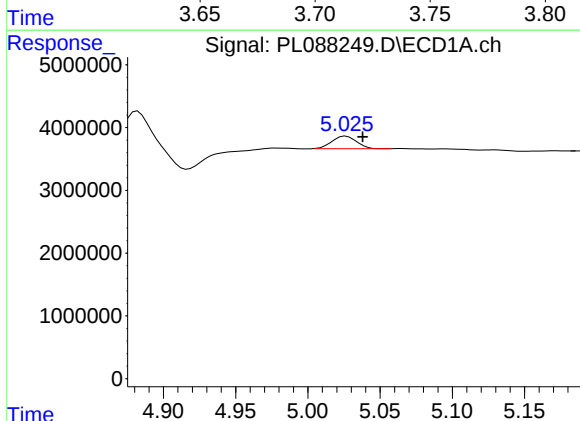
R.T.: 4.426 min  
Delta R.T.: -0.012 min  
Response: 2696709  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
336



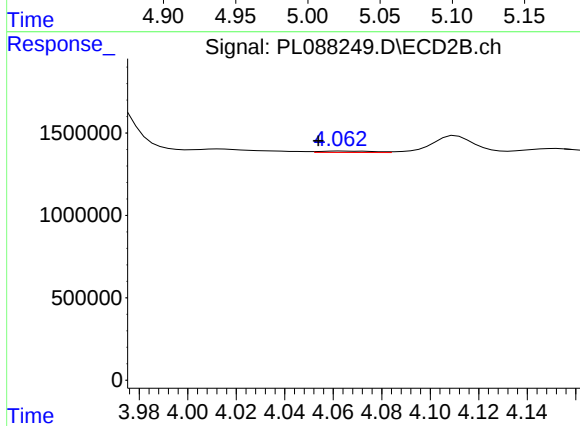
#3 gamma-BHC (Lindane)

R.T.: 3.719 min  
Delta R.T.: 0.013 min  
Response: 264989  
Conc: 0.13 ng/ml



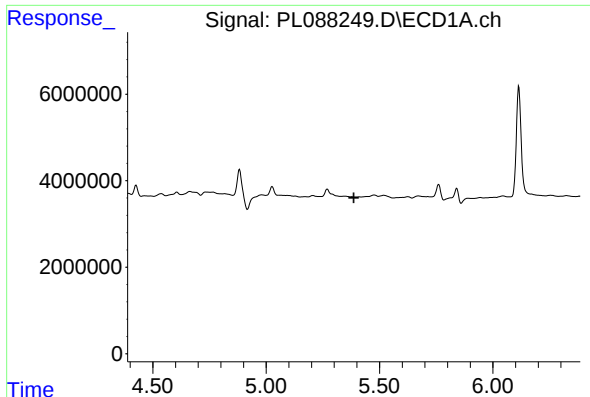
#4 Heptachlor

R.T.: 5.027 min  
Delta R.T.: -0.012 min  
Response: 2336313  
Conc: 0.61 ng/ml



#4 Heptachlor

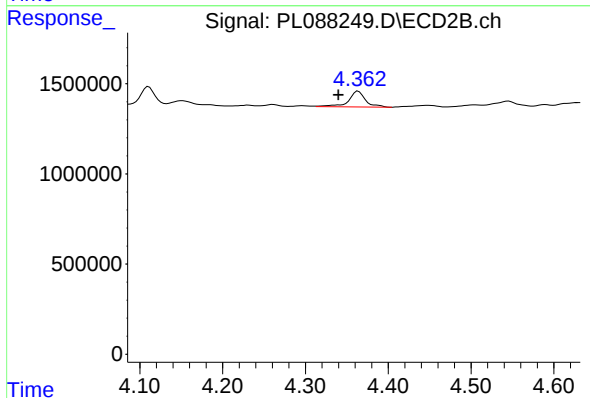
R.T.: 4.063 min  
Delta R.T.: 0.010 min  
Response: 137003  
Conc: 0.08 ng/ml



#5 Aldrin

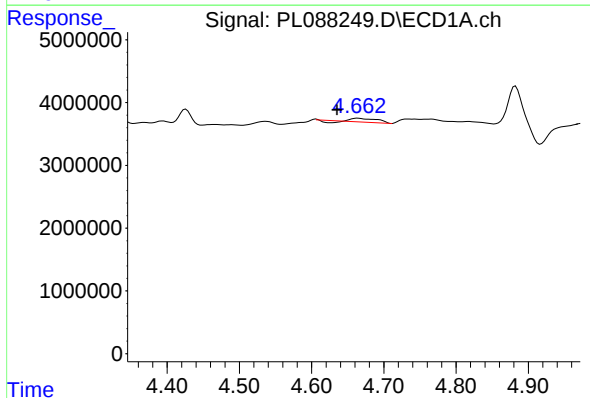
R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
336



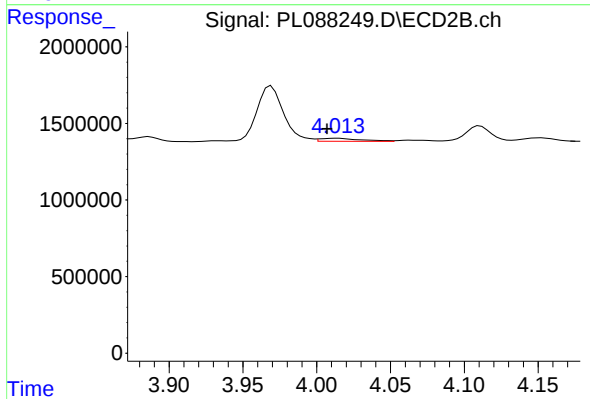
#5 Aldrin

R.T.: 4.364 min  
Delta R.T.: 0.024 min  
Response: 1246329  
Conc: 0.64 ng/ml



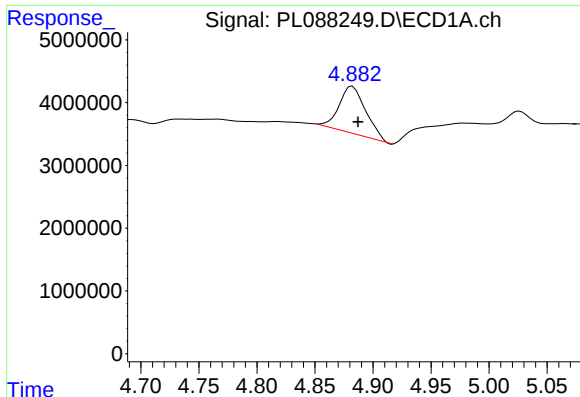
#6 beta-BHC

R.T.: 4.664 min  
Delta R.T.: 0.028 min  
Response: 1205848  
Conc: 0.69 ng/ml



#6 beta-BHC

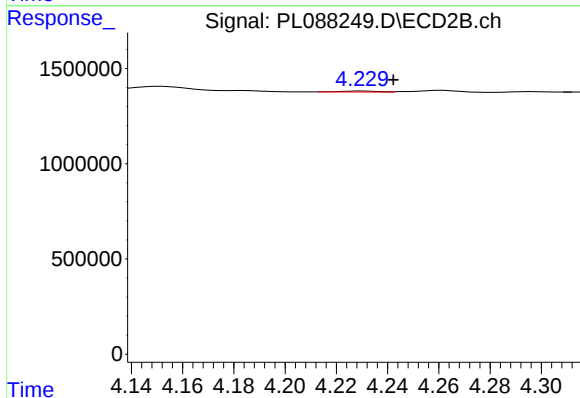
R.T.: 4.014 min  
Delta R.T.: 0.007 min  
Response: 376451  
Conc: 0.42 ng/ml



#7 delta-BHC

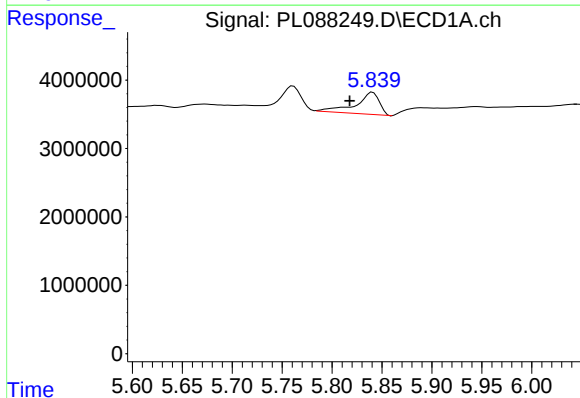
R.T.: 4.882 min  
Delta R.T.: -0.005 min  
Response: 12007507  
Conc: 3.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
336



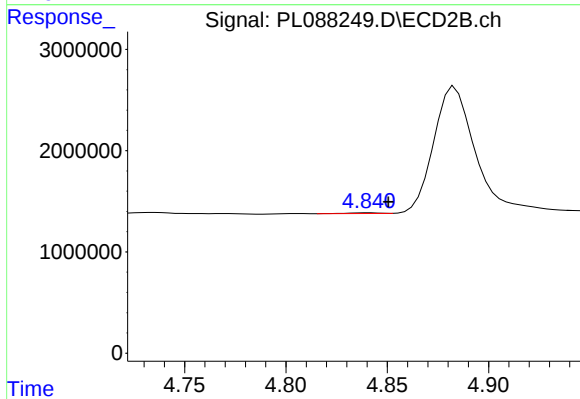
#7 delta-BHC

R.T.: 4.231 min  
Delta R.T.: -0.011 min  
Response: 56187  
Conc: 0.03 ng/ml



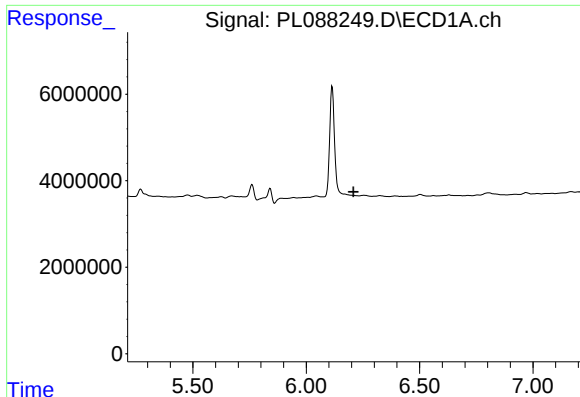
#8 Heptachlor epoxide

R.T.: 5.841 min  
Delta R.T.: 0.023 min  
Response: 5294022  
Conc: 1.51 ng/ml



#8 Heptachlor epoxide

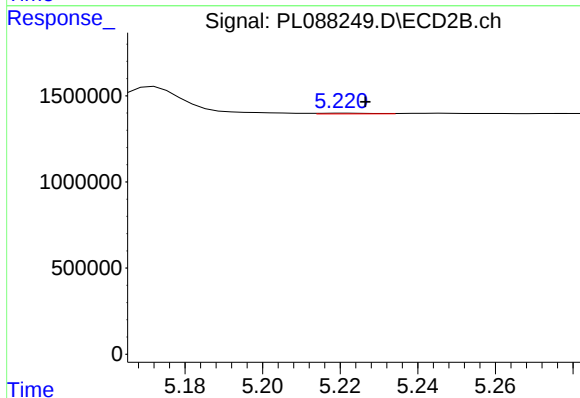
R.T.: 4.841 min  
Delta R.T.: -0.010 min  
Response: 74284  
Conc: 0.04 ng/ml



#9 Endosulfan I

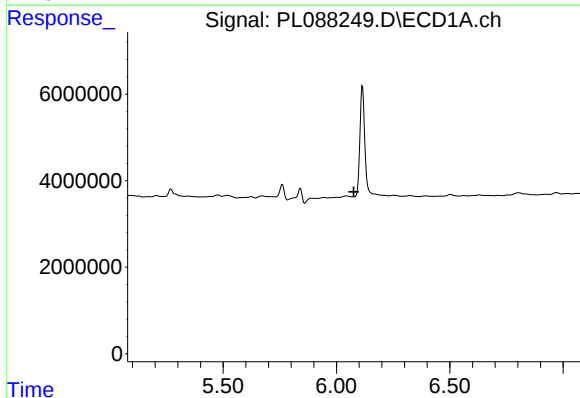
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
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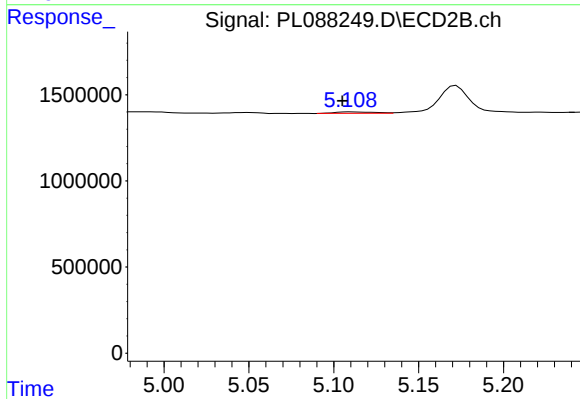
#9 Endosulfan I

R.T.: 5.221 min  
Delta R.T.: -0.005 min  
Response: 34797  
Conc: 0.02 ng/ml



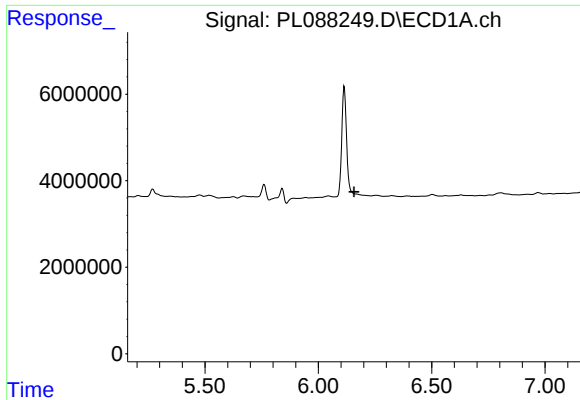
#10 gamma-Chlordane

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



#10 gamma-Chlordane

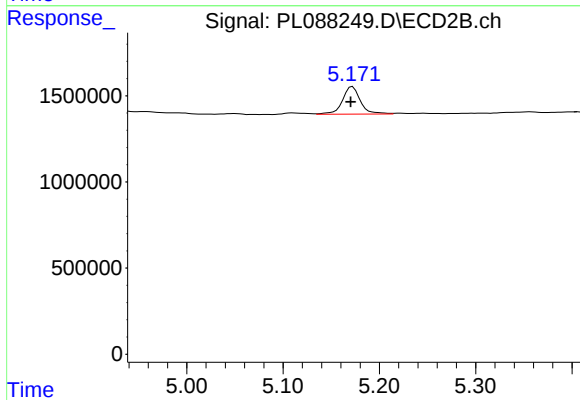
R.T.: 5.110 min  
Delta R.T.: 0.005 min  
Response: 135877  
Conc: 0.08 ng/ml



#11 alpha-Chlordane

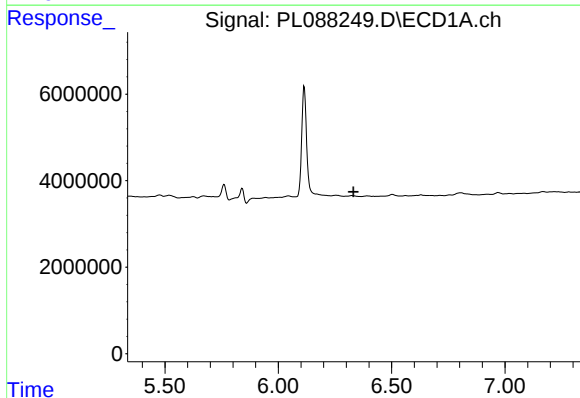
R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
336



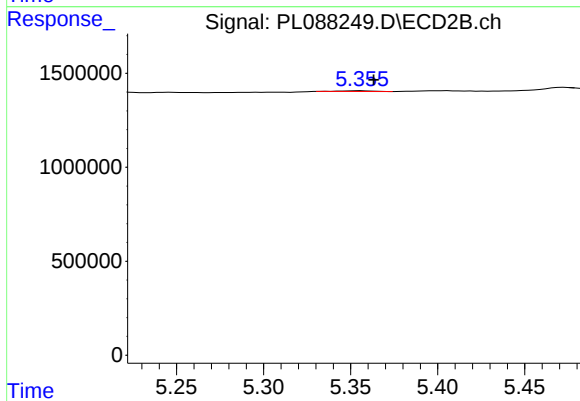
#11 alpha-Chlordane

R.T.: 5.172 min  
Delta R.T.: 0.002 min  
Response: 2044664  
Conc: 1.15 ng/ml



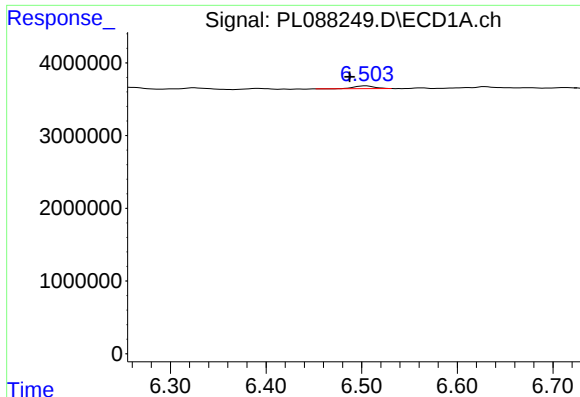
#12 4,4'-DDE

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



#12 4,4'-DDE

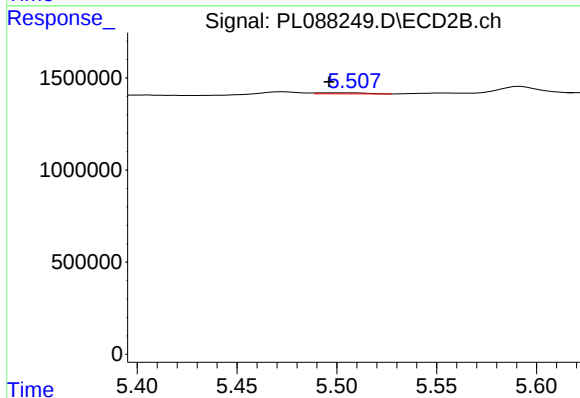
R.T.: 5.356 min  
Delta R.T.: -0.007 min  
Response: 47525  
Conc: 0.03 ng/ml



#13 Dieldrin

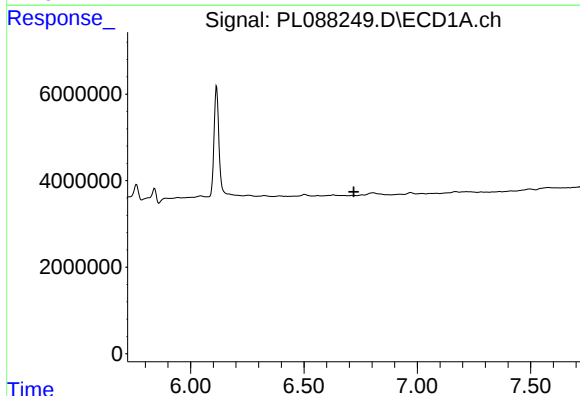
R.T.: 6.504 min  
Delta R.T.: 0.016 min  
Response: 563594  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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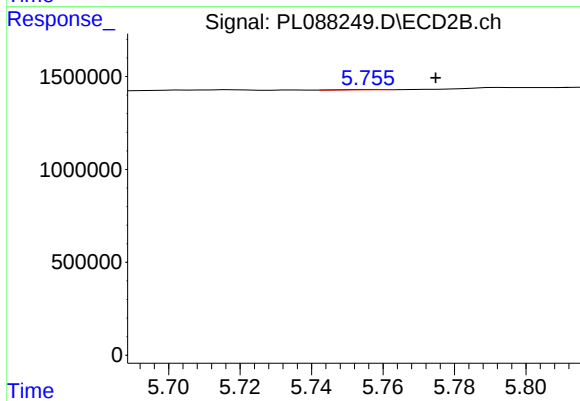
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: 0.011 min  
Response: 86381  
Conc: 0.05 ng/ml



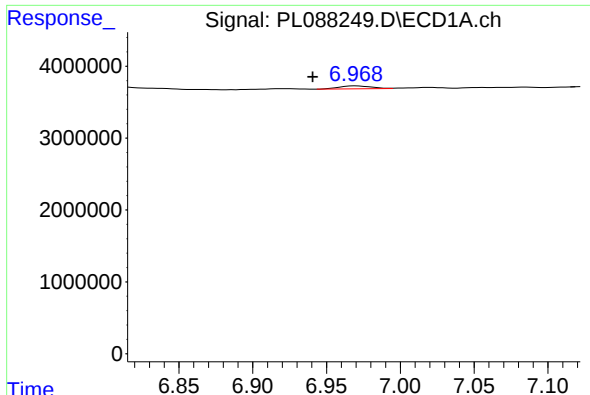
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.720 min  
Response: 0  
Conc: N.D.



#14 Endrin

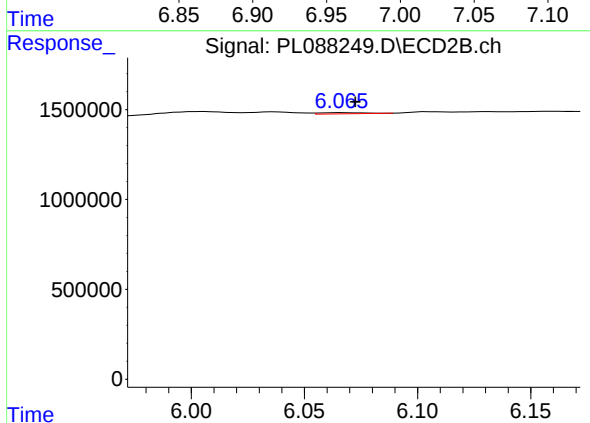
R.T.: 5.756 min  
Delta R.T.: -0.018 min  
Response: 13748  
Conc: 0.01 ng/ml



#15 Endosulfan II

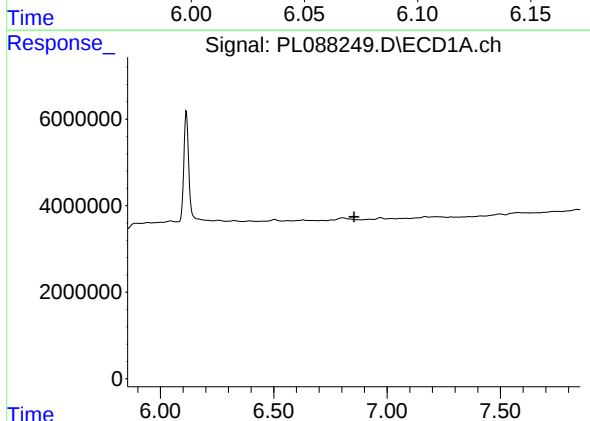
R.T.: 6.970 min  
Delta R.T.: 0.029 min  
Response: 628402  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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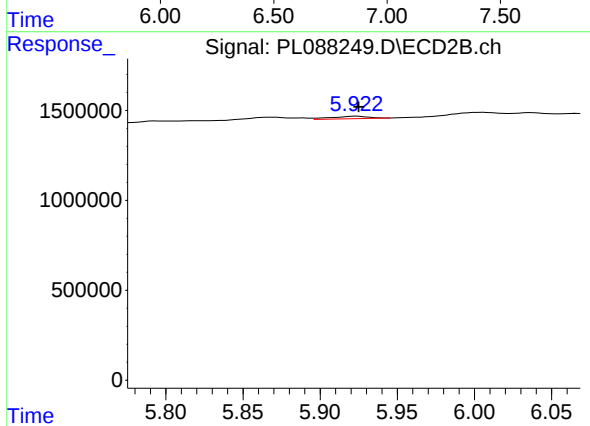
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: -0.006 min  
Response: 93666  
Conc: 0.06 ng/ml



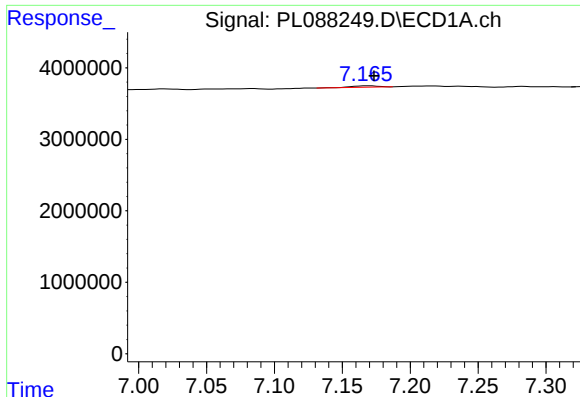
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.855 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

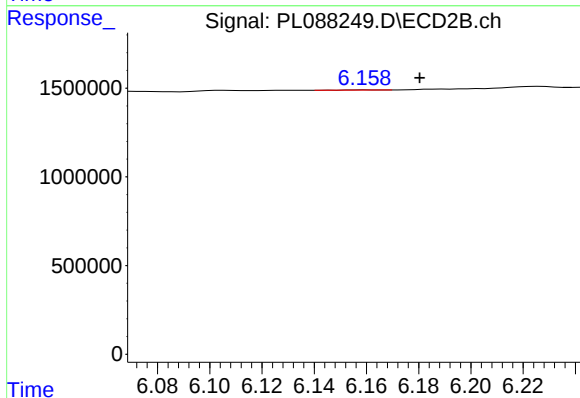
R.T.: 5.924 min  
Delta R.T.: -0.001 min  
Response: 236749  
Conc: 0.17 ng/ml



#17 4,4'-DDT

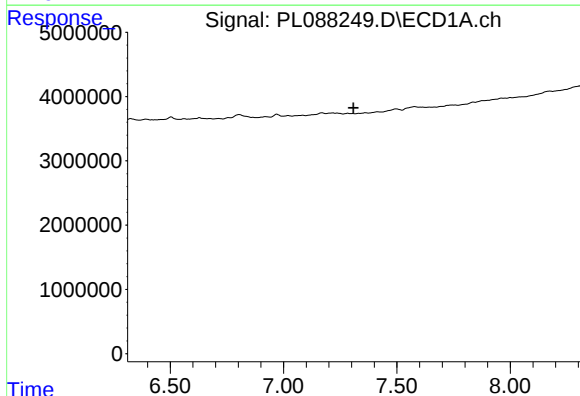
R.T.: 7.168 min  
Delta R.T.: -0.006 min  
Response: 253677  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
336



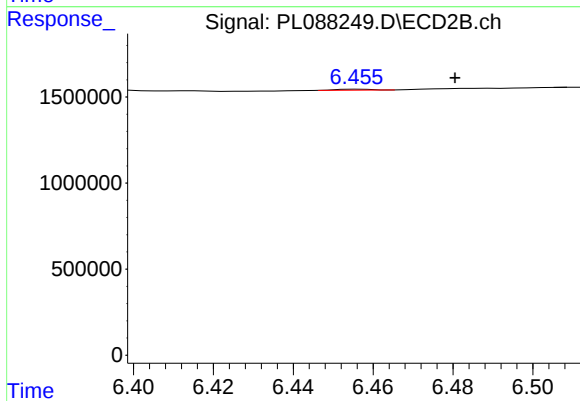
#17 4,4'-DDT

R.T.: 6.160 min  
Delta R.T.: -0.021 min  
Response: 8959  
Conc: 0.01 ng/ml



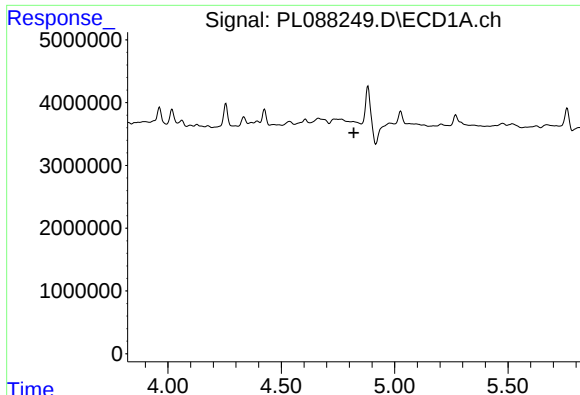
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

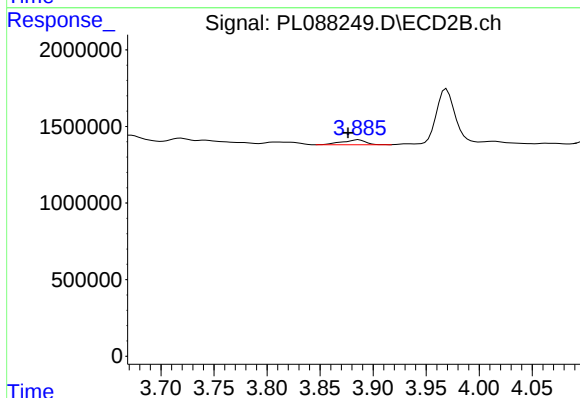
R.T.: 6.457 min  
Delta R.T.: -0.024 min  
Response: 33593  
Conc: 0.02 ng/ml



#23 Chlordane-1

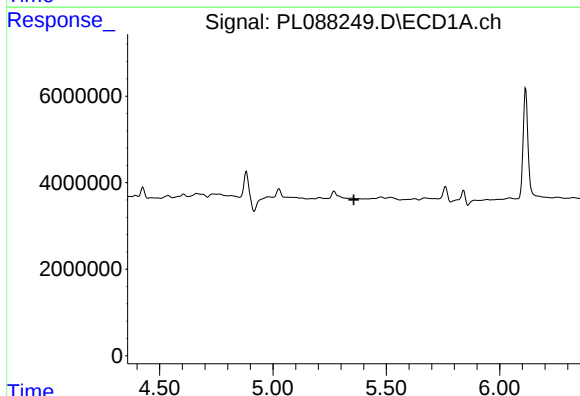
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
336



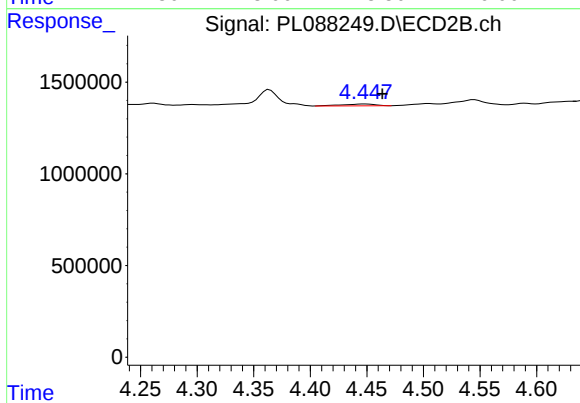
#23 Chlordane-1

R.T.: 3.886 min  
Delta R.T.: 0.010 min  
Response: 505255  
Conc: 9.82 ng/ml



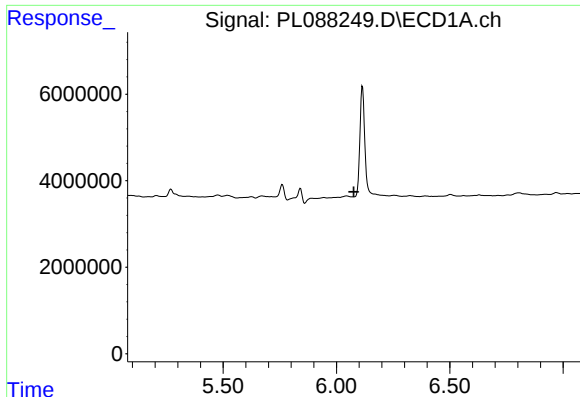
#24 Chlordane-2

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



#24 Chlordane-2

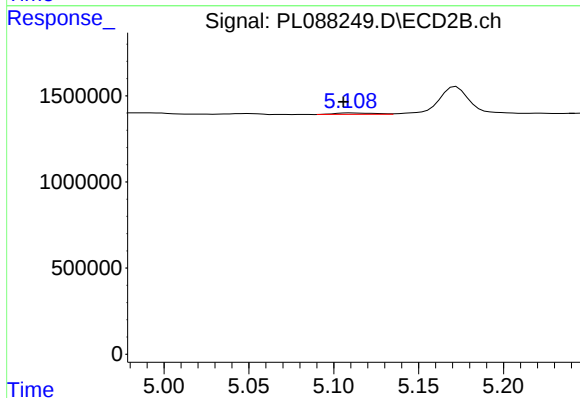
R.T.: 4.448 min  
Delta R.T.: -0.016 min  
Response: 191606  
Conc: 3.02 ng/ml



#25 Chlordane-3

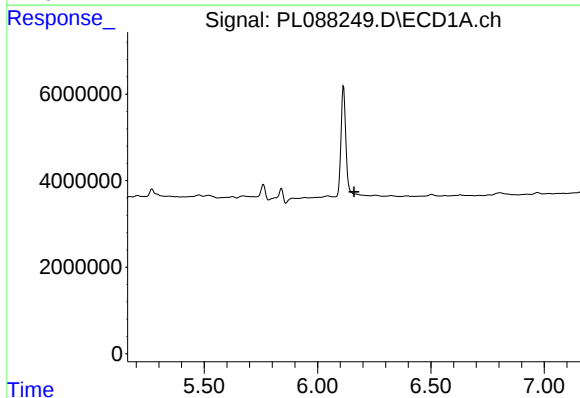
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
336



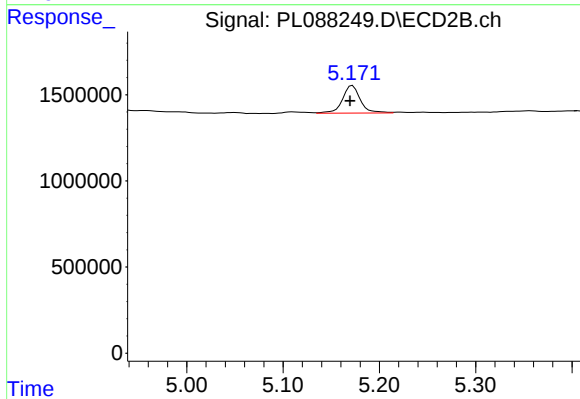
#25 Chlordane-3

R.T.: 5.110 min  
Delta R.T.: 0.004 min  
Response: 135877  
Conc: 0.73 ng/ml



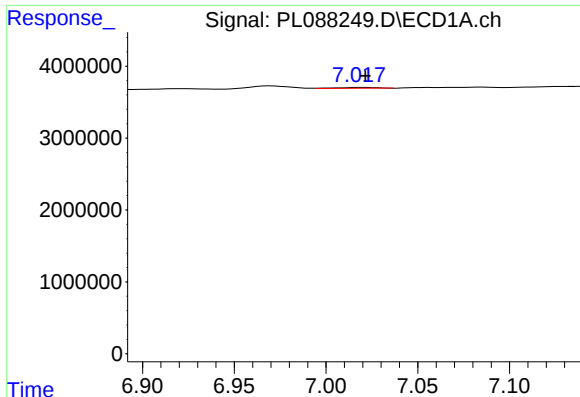
#26 Chlordane-4

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



#26 Chlordane-4

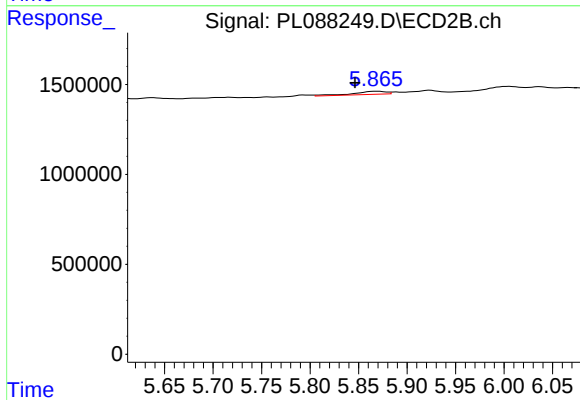
R.T.: 5.172 min  
Delta R.T.: 0.002 min  
Response: 2044664  
Conc: 11.82 ng/ml



#27 Chlordane-5

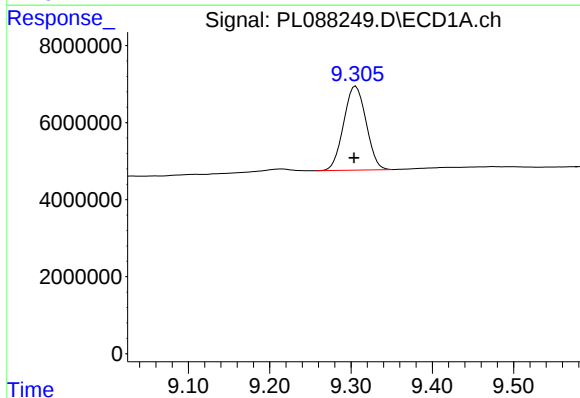
R.T.: 7.018 min  
Delta R.T.: -0.003 min  
Response: 228881  
Conc: 2.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
336



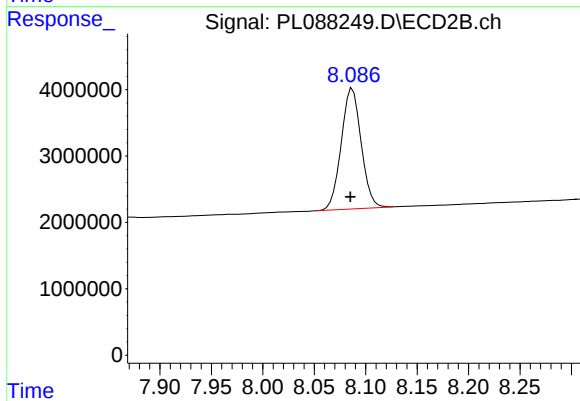
#27 Chlordane-5

R.T.: 5.869 min  
Delta R.T.: 0.022 min  
Response: 399122  
Conc: 7.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.306 min  
Delta R.T.: 0.002 min  
Response: 41812682  
Conc: 21.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: 0.002 min  
Response: 24591555  
Conc: 19.31 ng/ml