

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 11:13  
 Operator : AR\AJ  
 Sample : P4791-02RE  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HINCHMAN-OILY-WATERRE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 12:16:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.541  | 2.779  | 16876150 | 8494824  | 6.888  | 3.122 #   |
| 28)                         | SA Decachlor... | 9.057  | 7.916  | 24062134 | 33460012 | 12.503 | 12.260    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.004  | 3.297f | 1132252  | 13990570 | 0.334  | 3.506 #   |
| 3)                          | MA gamma-BHC... | 4.331  | 3.619  | 3249732  | 121.6E6  | 0.997  | 31.512 #  |
| 4)                          | MA Heptachlor   | 4.911  | 3.946  | 11075388 | 14115945 | 3.688  | 3.740     |
| 5)                          | MB Aldrin       | 0.000  | 4.207f | 0        | 10876999 | N.D.   | 2.972 #   |
| 6)                          | B beta-BHC      | 4.546f | 3.901  | 14249841 | 9145481  | 9.858  | 5.555 #   |
| 7)                          | B delta-BHC     | 4.768  | 4.133  | 14520792 | 3116091  | 4.639  | 0.811 #   |
| 8)                          | B Heptachlo...  | 5.678  | 4.720  | 2213863  | 1509272  | 0.802  | 0.452 #   |
| 9)                          | A Endosulfan I  | 6.061  | 5.111  | 12451827 | 13429497 | 4.978  | 4.399     |
| 10)                         | B gamma-Chl...  | 0.000  | 4.998f | 0        | 7990215  | N.D.   | 2.377 #   |
| 11)                         | B alpha-Chl...  | 6.011  | 5.050  | 42711721 | 173.8E6  | 16.129 | 52.266 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.243  | 0        | 3424932  | N.D.   | 1.063 #   |
| 13)                         | MA Dieldrin     | 6.335  | 5.378  | 2463566  | 3348297  | 0.935  | 1.002     |
| 14)                         | MA Endrin       | 6.600f | 5.651  | 1048555  | 1616347  | 0.461  | 0.559     |
| 15)                         | B Endosulfa...  | 0.000  | 5.959f | 0        | 8358145  | N.D.   | 2.950 #   |
| 16)                         | A 4,4'-DDD      | 6.707  | 5.790  | 3345013  | 8609589  | 1.743  | 3.458 #   |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.038  | 9484538  | 3254949  | 4.582  | 1.214 #   |
| 18)                         | B Endrin al...  | 6.919  | 6.136f | 8864618  | 9304958  | 4.720  | 4.033     |
| 19)                         | B Endosulfa...  | 7.150  | 6.335  | 6790066  | 5044579  | 3.129  | 1.871 #   |
| 20)                         | A Methoxychlor  | 7.506  | 6.621  | 4701835  | 16442829 | 4.124  | 11.514 #  |
| 22)                         | Mirex           | 0.000  | 7.010  | 0        | 6067211  | N.D.   | 2.325 #   |
| 23)                         | Chlordane-1     | 4.719f | 3.775  | 3427573  | -1611735 | 31.163 | N.D. #    |
| 24)                         | Chlordane-2     | 0.000  | 4.351  | 0        | 11905482 | N.D.   | 96.126 #  |
| 25)                         | Chlordane-3     | 0.000  | 4.998  | 0        | 7990215  | N.D.   | 22.031 #  |
| 26)                         | Chlordane-4     | 6.011  | 5.050  | 42711721 | 173.8E6  | 89.354 | 496.945 # |
| 27)                         | Chlordane-5     | 6.871  | 5.959f | 6293237  | 8358145  | 66.482 | 65.912    |
| -----                       |                 |        |        |          |          |        |           |

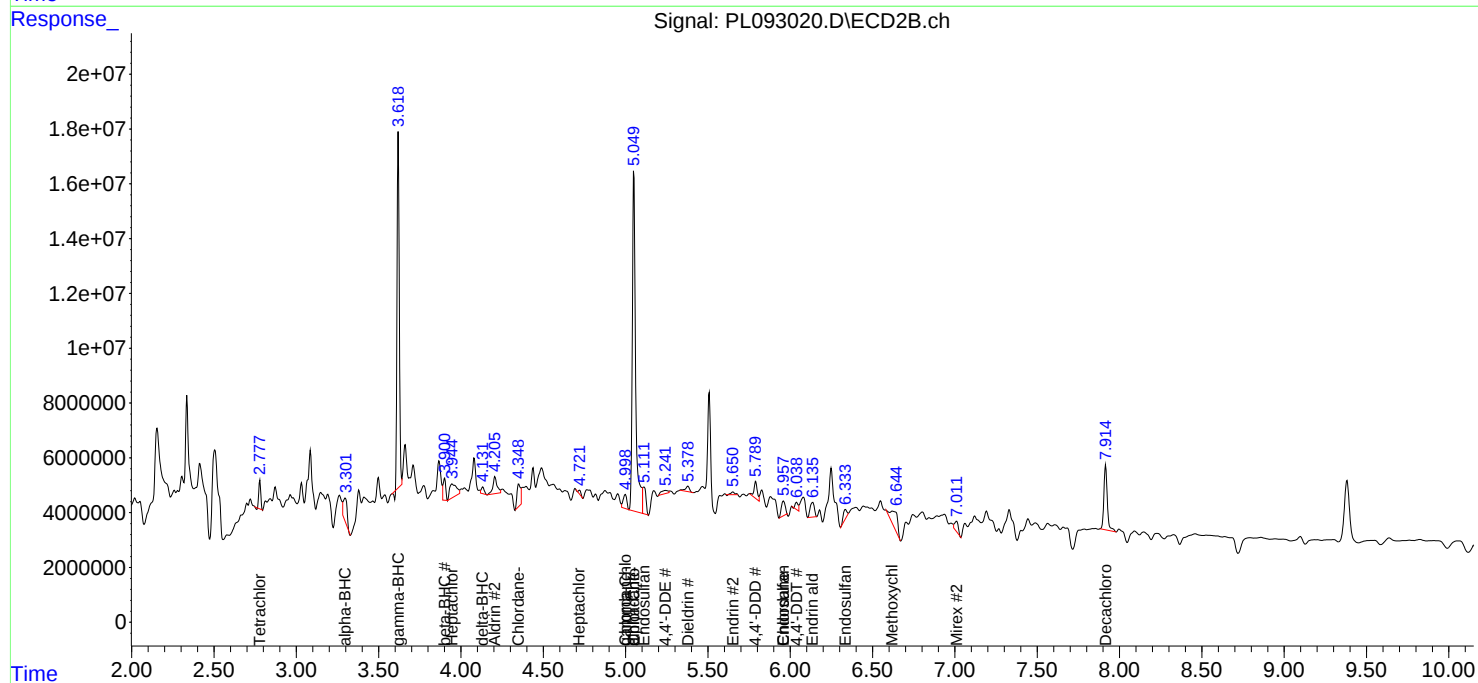
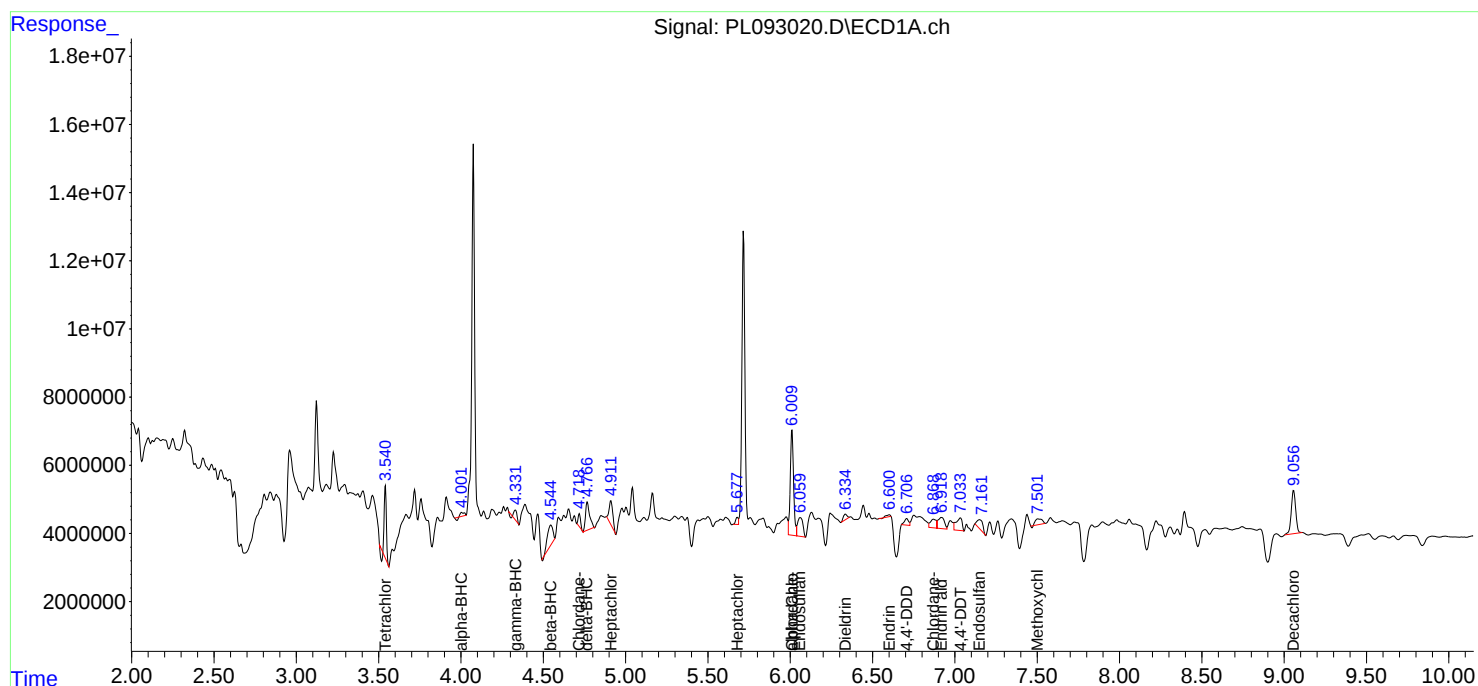
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

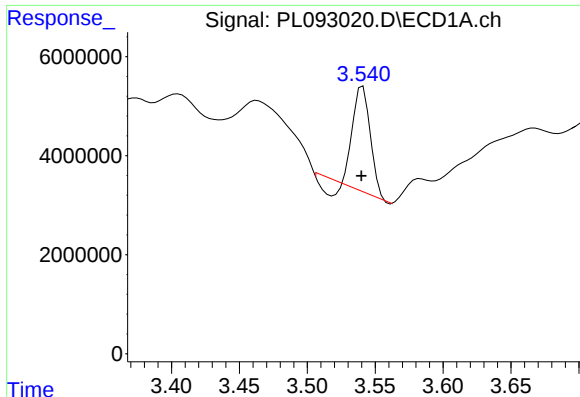
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 11:13  
Operator : AR\AJ  
Sample : P4791-02RE  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 12:16:07 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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

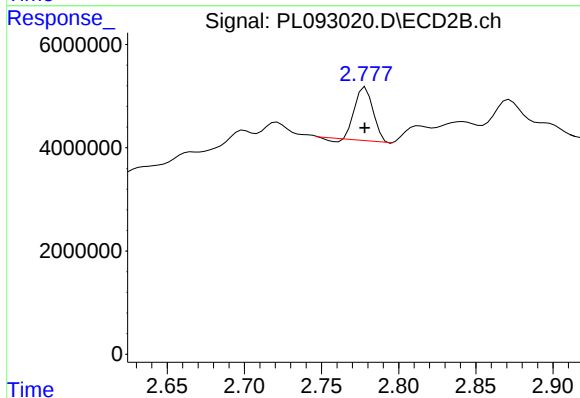




#1 Tetrachloro-m-xylene

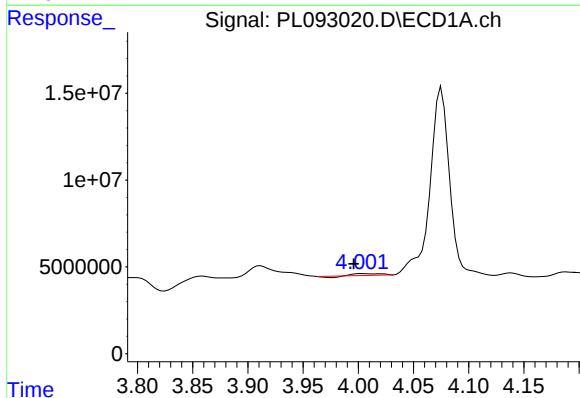
R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 16876150  
Conc: 6.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



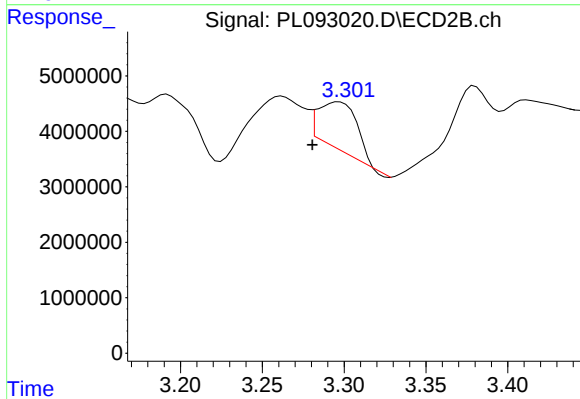
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.000 min  
Response: 8494824  
Conc: 3.12 ng/ml



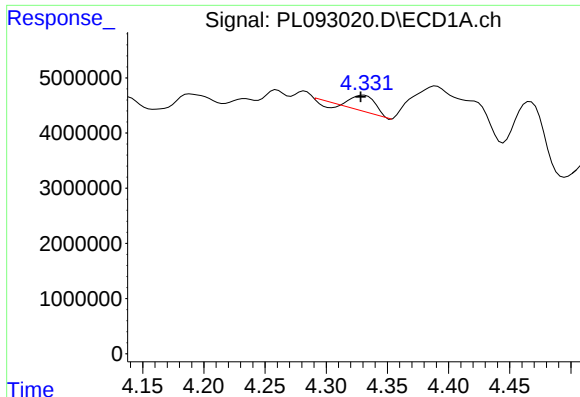
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.008 min  
Response: 1132252  
Conc: 0.33 ng/ml



#2 alpha-BHC

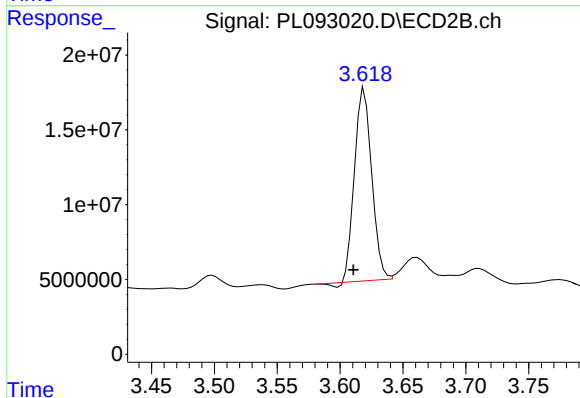
R.T.: 3.297 min  
Delta R.T.: 0.016 min  
Response: 13990570  
Conc: 3.51 ng/ml



#3 gamma-BHC (Lindane)

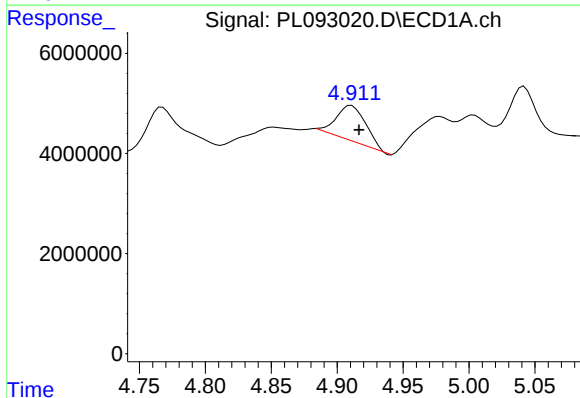
R.T.: 4.331 min  
Delta R.T.: 0.003 min  
Response: 3249732  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



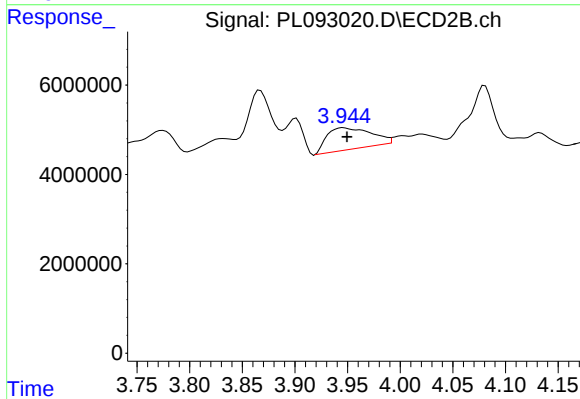
#3 gamma-BHC (Lindane)

R.T.: 3.619 min  
Delta R.T.: 0.009 min  
Response: 121620362  
Conc: 31.51 ng/ml



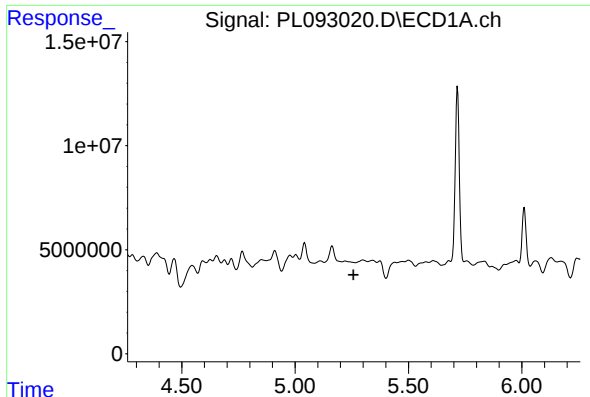
#4 Heptachlor

R.T.: 4.911 min  
Delta R.T.: -0.006 min  
Response: 11075388  
Conc: 3.69 ng/ml



#4 Heptachlor

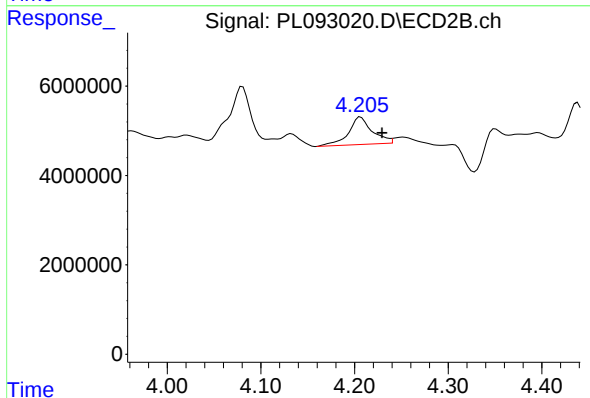
R.T.: 3.946 min  
Delta R.T.: -0.003 min  
Response: 14115945  
Conc: 3.74 ng/ml



#5 Aldrin

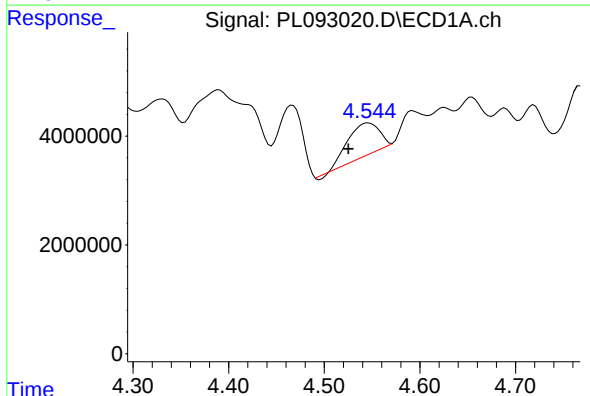
R.T.: 0.000 min  
Exp R.T.: 5.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



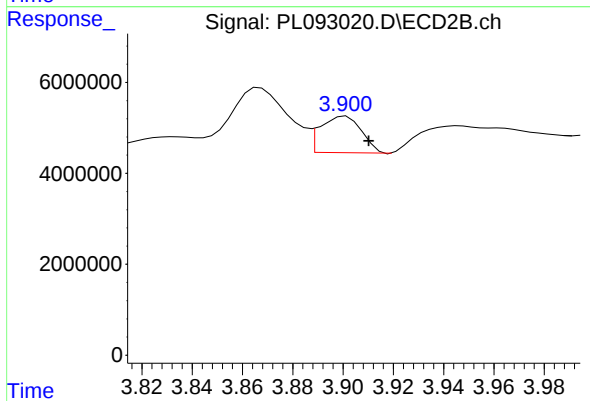
#5 Aldrin

R.T.: 4.207 min  
Delta R.T.: -0.023 min  
Response: 10876999  
Conc: 2.97 ng/ml



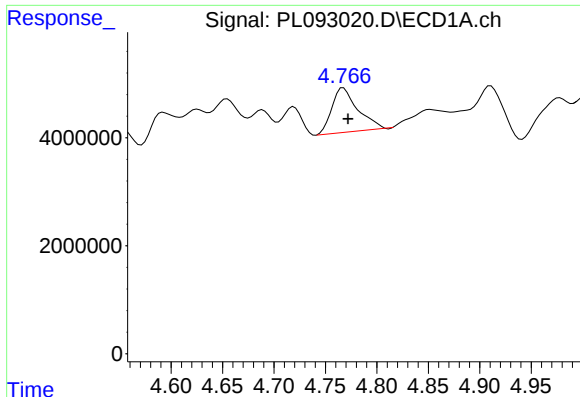
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.021 min  
Response: 14249841  
Conc: 9.86 ng/ml



#6 beta-BHC

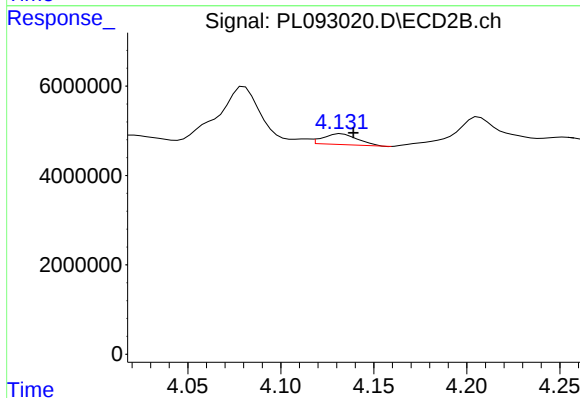
R.T.: 3.901 min  
Delta R.T.: -0.009 min  
Response: 9145481  
Conc: 5.56 ng/ml



#7 delta-BHC

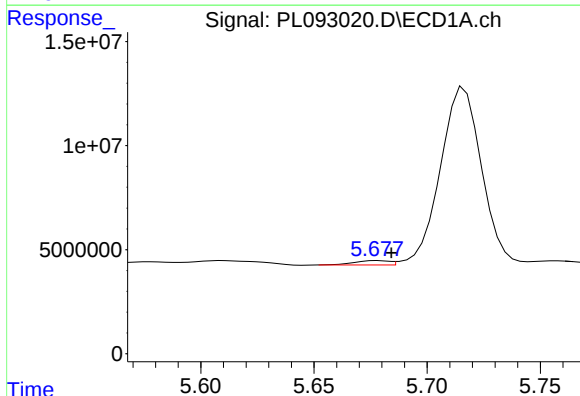
R.T.: 4.768 min  
Delta R.T.: -0.004 min  
Response: 14520792  
Conc: 4.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



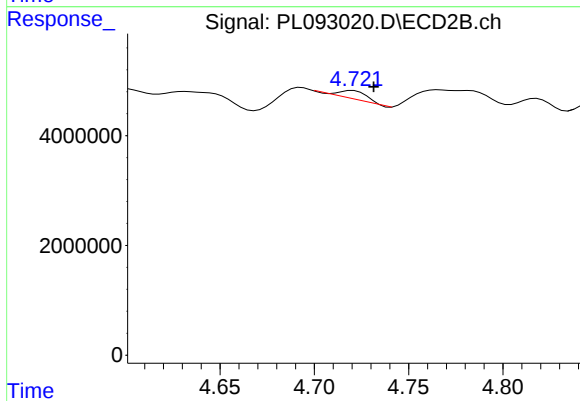
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: -0.007 min  
Response: 3116091  
Conc: 0.81 ng/ml



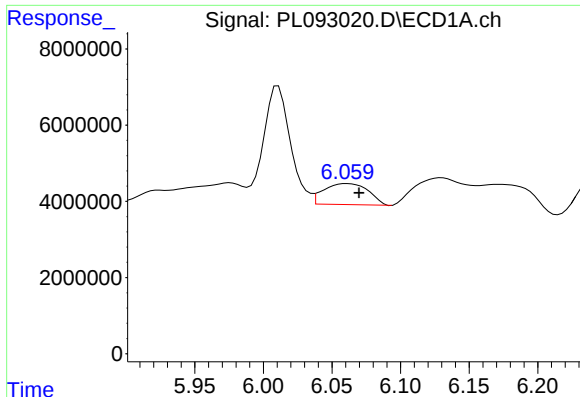
#8 Heptachlor epoxide

R.T.: 5.678 min  
Delta R.T.: -0.006 min  
Response: 2213863  
Conc: 0.80 ng/ml



#8 Heptachlor epoxide

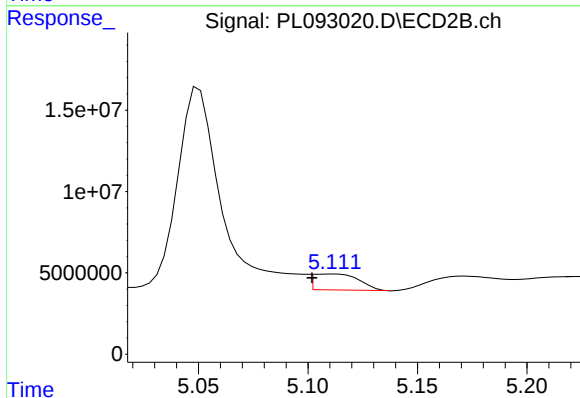
R.T.: 4.720 min  
Delta R.T.: -0.011 min  
Response: 1509272  
Conc: 0.45 ng/ml



#9 Endosulfan I

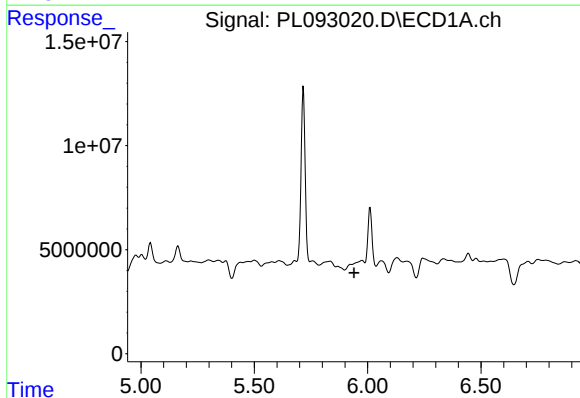
R.T.: 6.061 min  
Delta R.T.: -0.009 min  
Response: 12451827  
Conc: 4.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



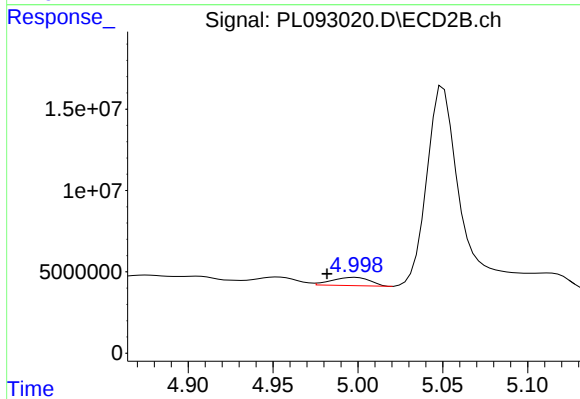
#9 Endosulfan I

R.T.: 5.111 min  
Delta R.T.: 0.010 min  
Response: 13429497  
Conc: 4.40 ng/ml



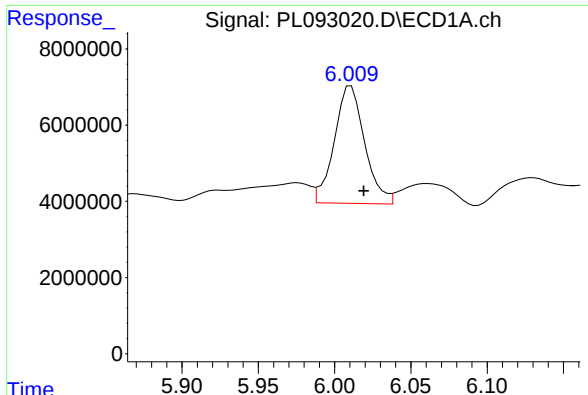
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.941 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

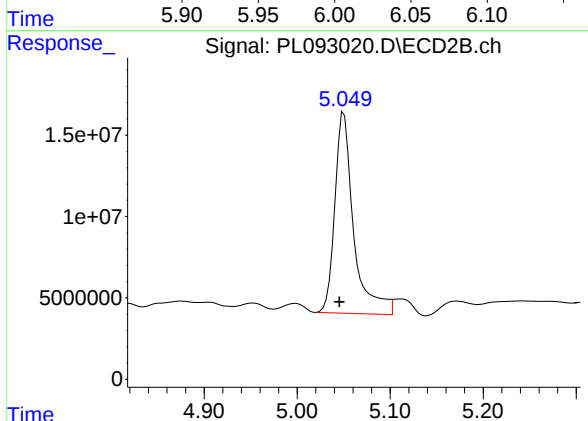
R.T.: 4.998 min  
Delta R.T.: 0.016 min  
Response: 7990215  
Conc: 2.38 ng/ml



#11 alpha-Chlordane

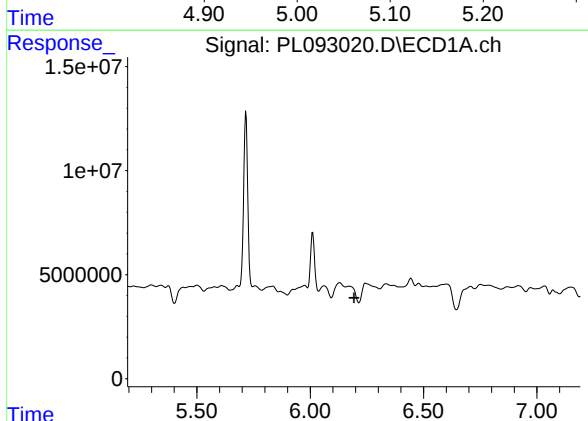
R.T.: 6.011 min  
Delta R.T.: -0.008 min  
Response: 42711721  
Conc: 16.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



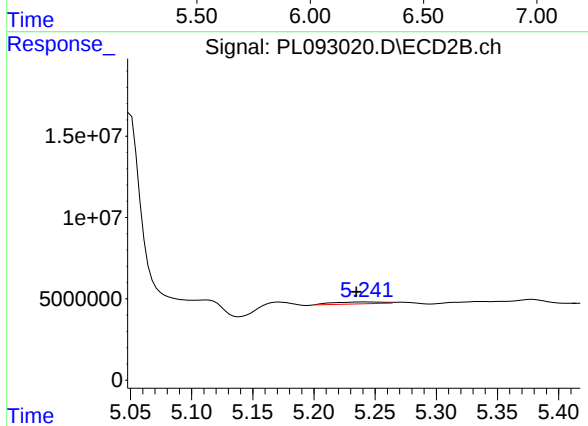
#11 alpha-Chlordane

R.T.: 5.050 min  
Delta R.T.: 0.005 min  
Response: 173838258  
Conc: 52.27 ng/ml



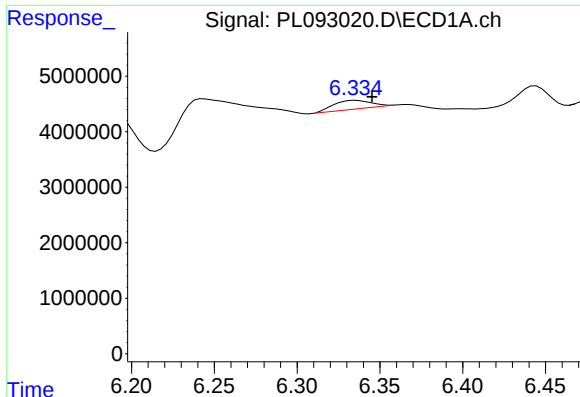
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.193 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

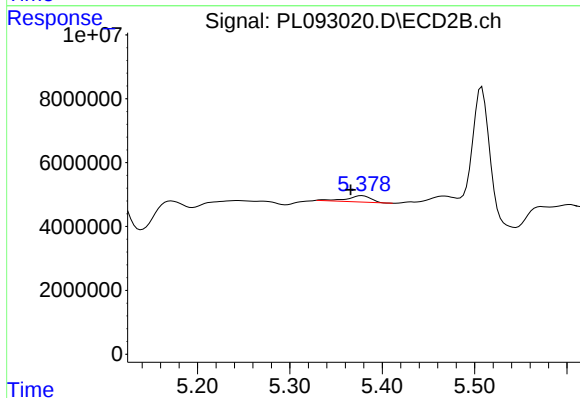
R.T.: 5.243 min  
Delta R.T.: 0.008 min  
Response: 3424932  
Conc: 1.06 ng/ml



#13 Dieldrin

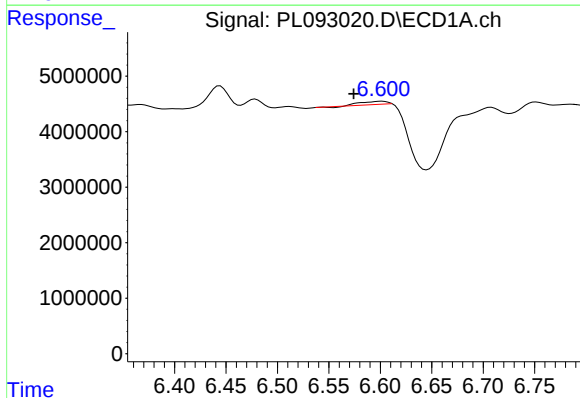
R.T.: 6.335 min  
Delta R.T.: -0.010 min  
Response: 2463566  
Conc: 0.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



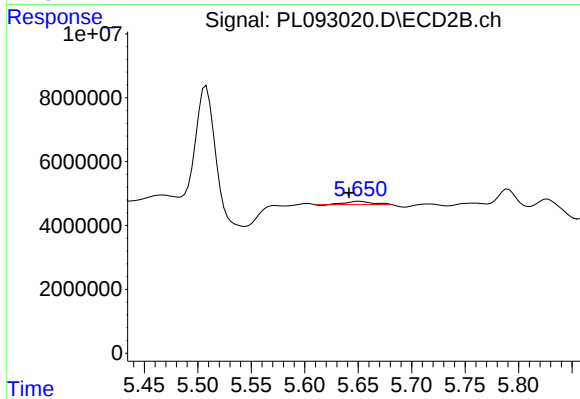
#13 Dieldrin

R.T.: 5.378 min  
Delta R.T.: 0.013 min  
Response: 3348297  
Conc: 1.00 ng/ml



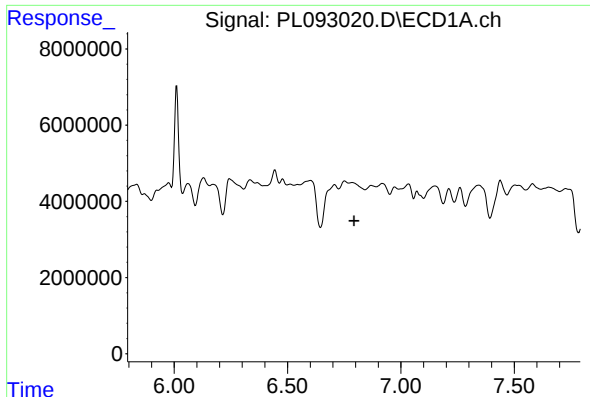
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: 0.026 min  
Response: 1048555  
Conc: 0.46 ng/ml



#14 Endrin

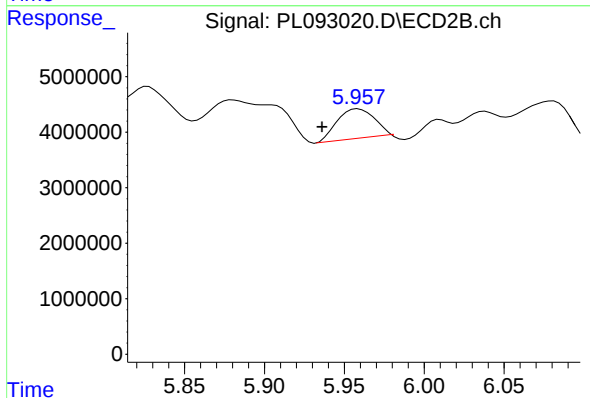
R.T.: 5.651 min  
Delta R.T.: 0.010 min  
Response: 1616347  
Conc: 0.56 ng/ml



#15 Endosulfan II

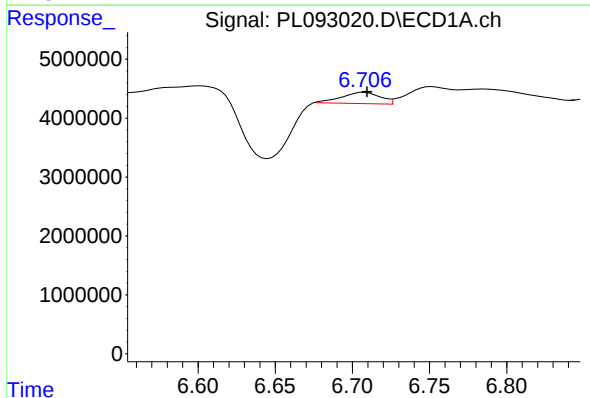
R.T.: 0.000 min  
Exp R.T.: 6.794 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



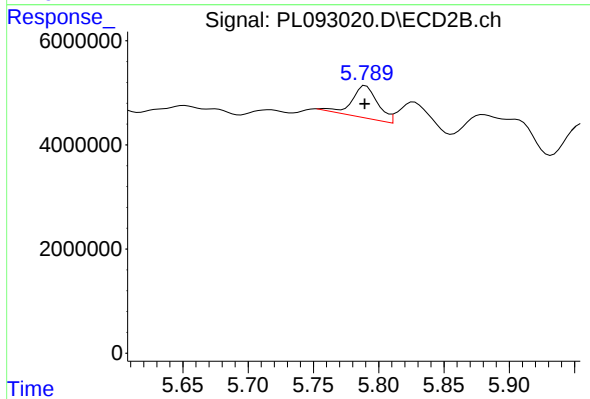
#15 Endosulfan II

R.T.: 5.959 min  
Delta R.T.: 0.023 min  
Response: 8358145  
Conc: 2.95 ng/ml



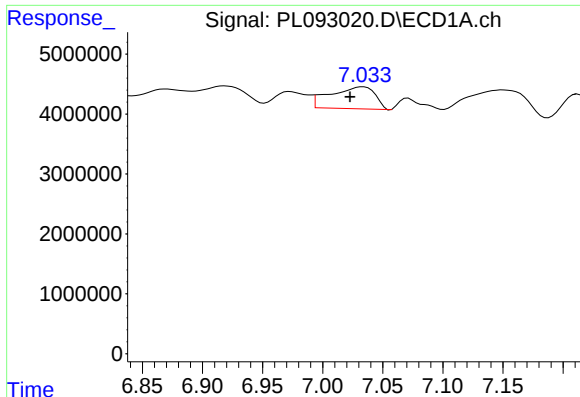
#16 4,4'-DDD

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 3345013  
Conc: 1.74 ng/ml



#16 4,4'-DDD

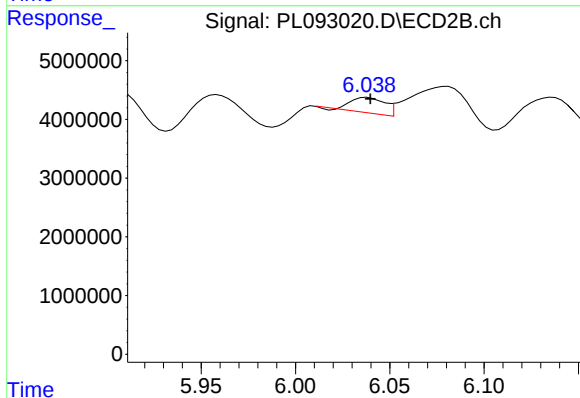
R.T.: 5.790 min  
Delta R.T.: 0.001 min  
Response: 8609589  
Conc: 3.46 ng/ml



#17 4,4'-DDT

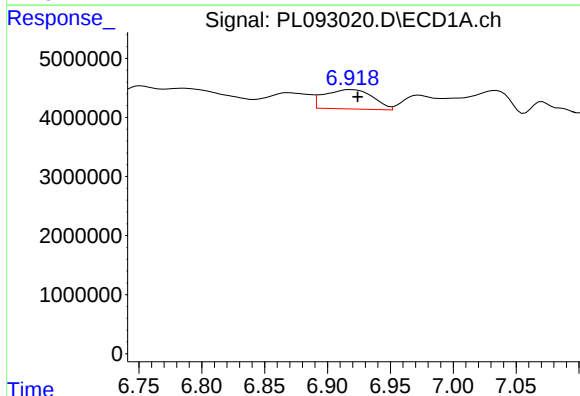
R.T.: 7.033 min  
Delta R.T.: 0.010 min  
Response: 9484538  
Conc: 4.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



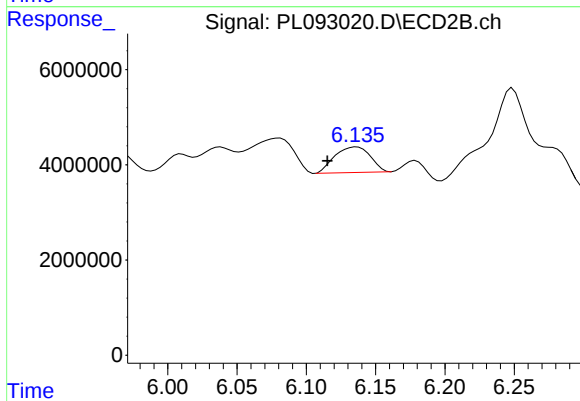
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: -0.002 min  
Response: 3254949  
Conc: 1.21 ng/ml



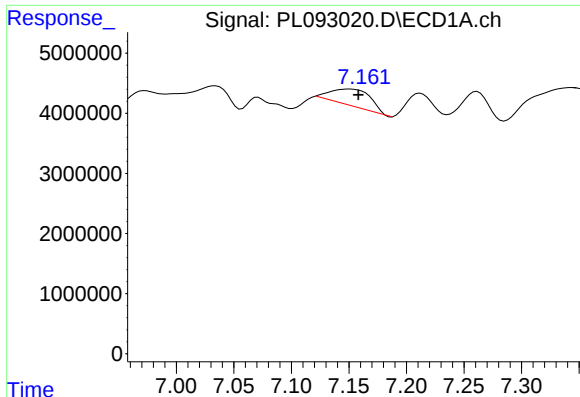
#18 Endrin aldehyde

R.T.: 6.919 min  
Delta R.T.: -0.005 min  
Response: 8864618  
Conc: 4.72 ng/ml



#18 Endrin aldehyde

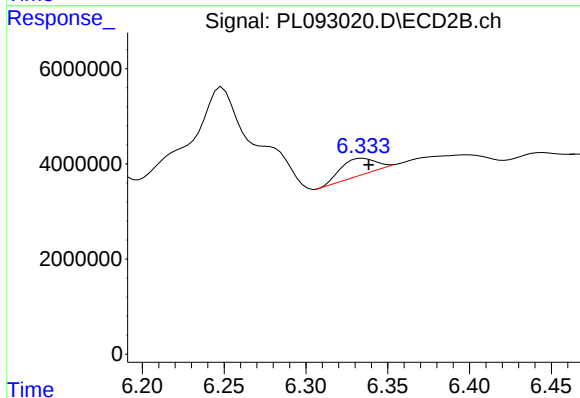
R.T.: 6.136 min  
Delta R.T.: 0.021 min  
Response: 9304958  
Conc: 4.03 ng/ml



#19 Endosulfan Sulfate

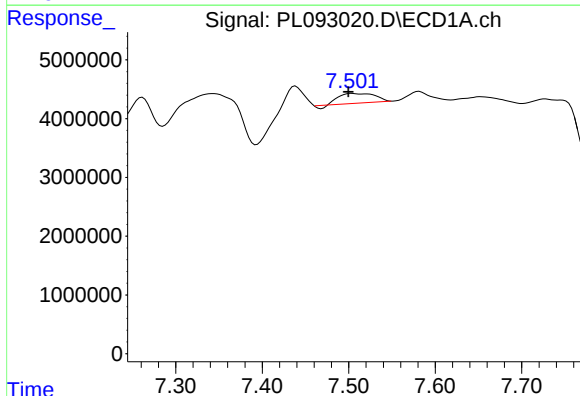
R.T.: 7.150 min  
Delta R.T.: -0.008 min  
Response: 6790066  
Conc: 3.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



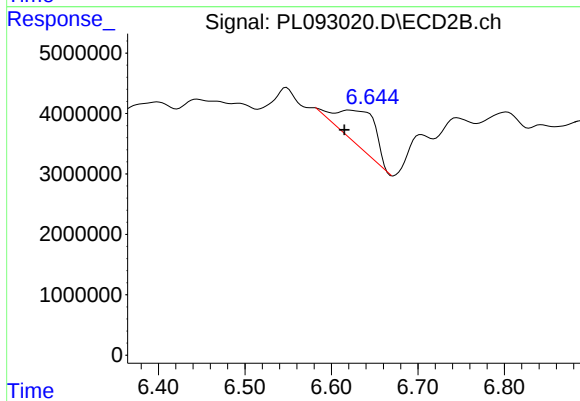
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 5044579  
Conc: 1.87 ng/ml



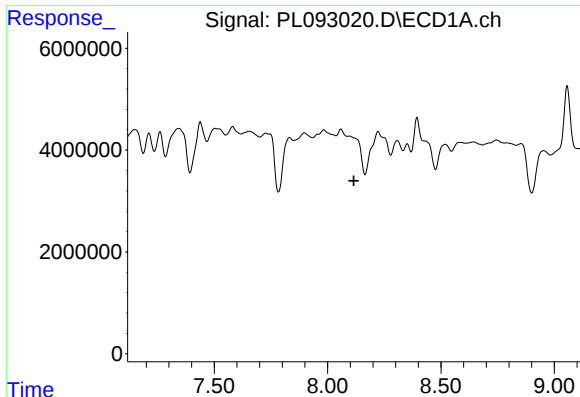
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.006 min  
Response: 4701835  
Conc: 4.12 ng/ml



#20 Methoxychlor

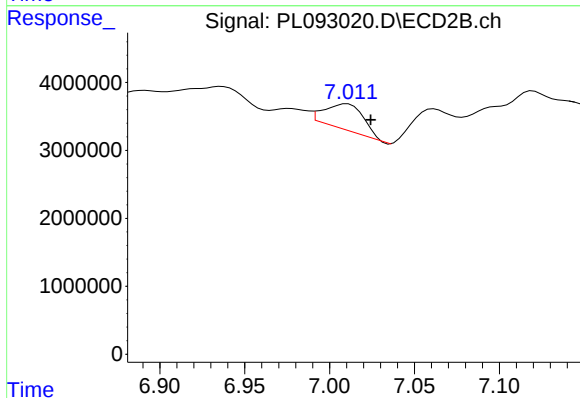
R.T.: 6.621 min  
Delta R.T.: 0.006 min  
Response: 16442829  
Conc: 11.51 ng/ml



#22 Mirex

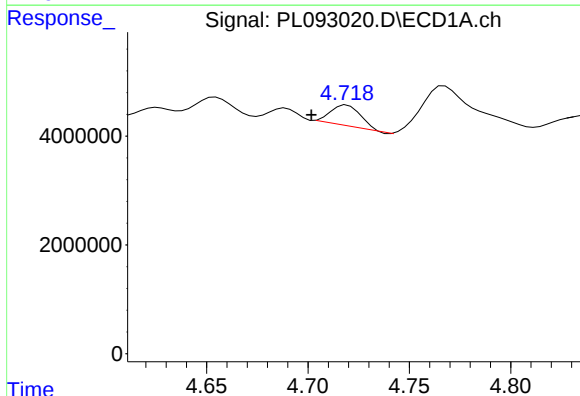
R.T.: 0.000 min  
Exp R.T.: 8.116 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



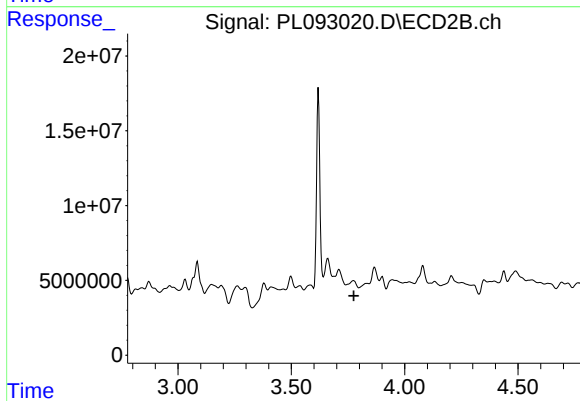
#22 Mirex

R.T.: 7.010 min  
Delta R.T.: -0.014 min  
Response: 6067211  
Conc: 2.33 ng/ml



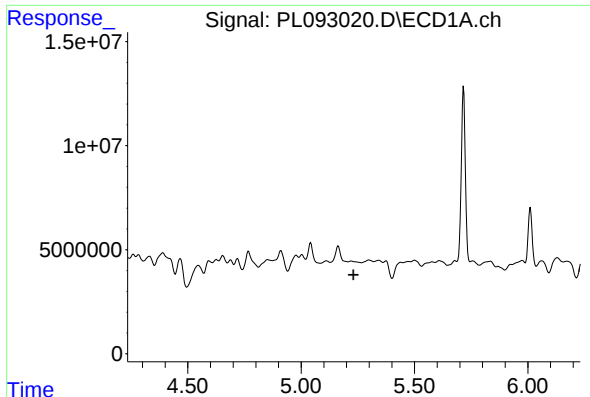
#23 Chlordane-1

R.T.: 4.719 min  
Delta R.T.: 0.018 min  
Response: 3427573  
Conc: 31.16 ng/ml



#23 Chlordane-1

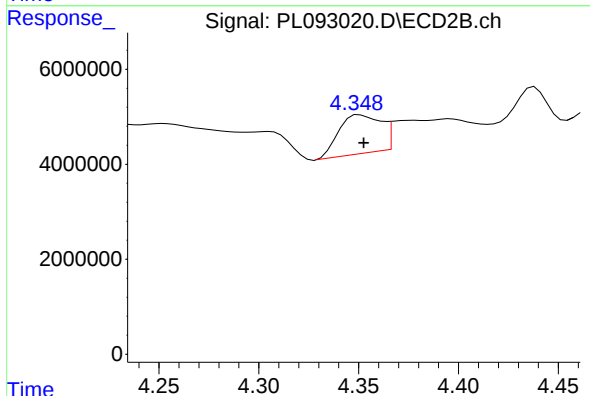
R.T.: 3.775 min  
Delta R.T.: -0.001 min  
Response: -1611735  
Conc: N.D.



#24 Chlordane-2

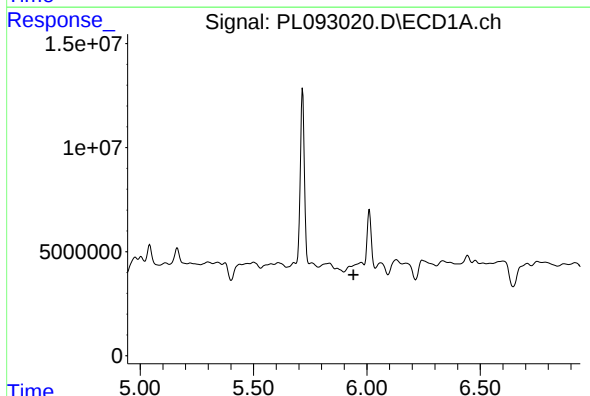
R.T.: 0.000 min  
Exp R.T.: 5.231 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



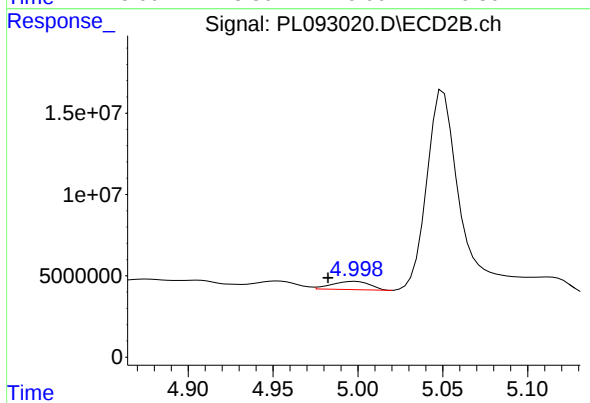
#24 Chlordane-2

R.T.: 4.351 min  
Delta R.T.: -0.002 min  
Response: 11905482  
Conc: 96.13 ng/ml



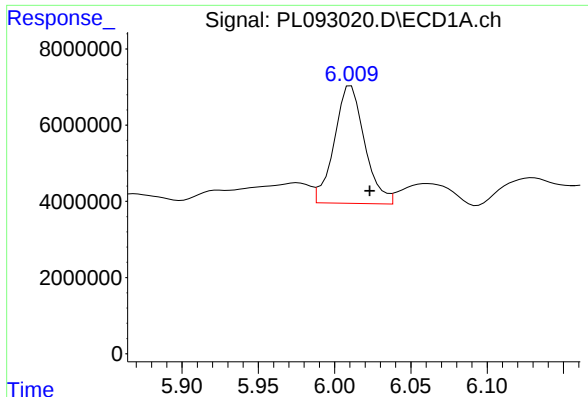
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

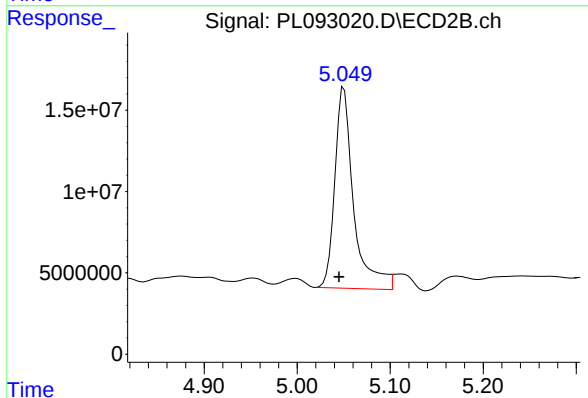
R.T.: 4.998 min  
Delta R.T.: 0.016 min  
Response: 7990215  
Conc: 22.03 ng/ml



#26 Chlordane-4

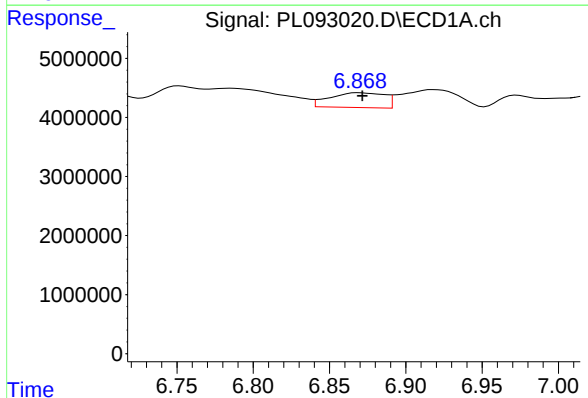
R.T.: 6.011 min  
Delta R.T.: -0.012 min  
Response: 42711721  
Conc: 89.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



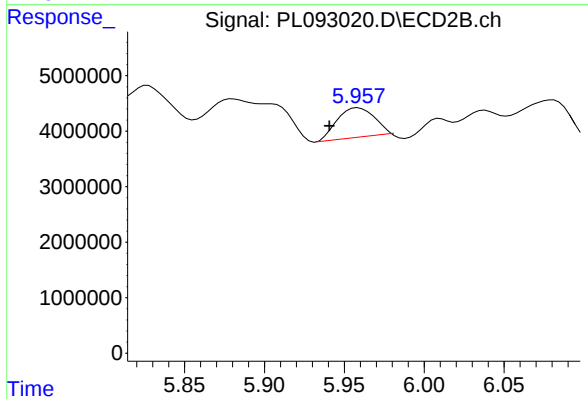
#26 Chlordane-4

R.T.: 5.050 min  
Delta R.T.: 0.005 min  
Response: 173838258  
Conc: 496.95 ng/ml



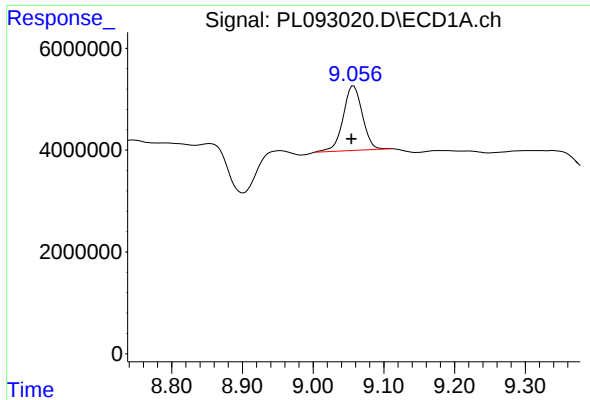
#27 Chlordane-5

R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 6293237  
Conc: 66.48 ng/ml



#27 Chlordane-5

R.T.: 5.959 min  
Delta R.T.: 0.018 min  
Response: 8358145  
Conc: 65.91 ng/ml



#28 Decachlorobiphenyl

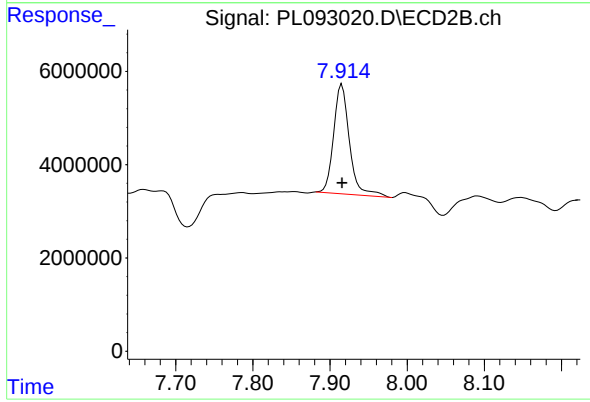
R.T.: 9.057 min

Delta R.T.: 0.003 min

Response: 24062134

Conc: 12.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HINCHMAN-OILY-WATERRE



#28 Decachlorobiphenyl

R.T.: 7.916 min

Delta R.T.: 0.000 min

Response: 33460012

Conc: 12.26 ng/ml