

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022024\  
 Data File : PL088161.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Feb 2024 17:25  
 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 21 00:18:09 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  | 2.854  | 56237346 | 28150420 | 20.474 | 20.071   |
| 28)                         | SA Decachlor... | 9.298  | 8.082  | 47264575 | 27811277 | 24.541 | 21.842   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.356  | 0        | 193779   | N.D.   | 0.094 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.692  | 0        | 13746    | N.D.   | 0.007 #  |
| 4)                          | MA Heptachlor   | 0.000  | 4.051  | 0        | 638910   | N.D.   | 0.351 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.324f | 0        | 1679621  | N.D.   | 0.866 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.015  | 0        | 720673   | N.D.   | 0.810 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.242  | 0        | 2805933  | N.D.   | 1.407 #  |
| 8)                          | B Heptachlo...  | 5.810  | 0.000  | 26888115 | 0        | 7.674  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.197f | 0        | 2356843  | N.D.   | 1.465 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 5.111  | 0        | 1422512  | N.D.   | 0.797 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.182  | 0        | 3410058  | N.D.   | 1.914 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.515f | 0        | 466994   | N.D.   | 0.271 #  |
| 14)                         | MA Endrin       | 6.704f | 5.792f | 11378400 | 3476381  | 4.375  | 2.325 #  |
| 15)                         | B Endosulfa...  | 6.919f | 6.066  | 8123151  | 52073    | 2.836  | 0.034 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.921  | 0        | 76202    | N.D.   | 0.056 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.155f | 0        | 150566   | N.D.   | 0.110 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.258  | 0        | 28466    | N.D.   | 0.026 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.481  | 0        | 154774   | N.D.   | 0.110 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.755  | 0        | 184324   | N.D.   | 0.235 #  |
| 22)                         | Mirex           | 8.311f | 0.000  | 159992   | 0        | 0.069  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.897f | 0        | 76226    | N.D.   | 1.481 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.447  | 0        | 1677762  | N.D.   | 26.406 # |
| 25)                         | Chlordane-3     | 0.000  | 5.111  | 0        | 1422512  | N.D.   | 7.640 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.182  | 0        | 3410058  | N.D.   | 19.720 # |
| 27)                         | Chlordane-5     | 0.000  | 5.828f | 0        | 19025    | N.D.   | 0.360 #  |
| -----                       |                 |        |        |          |          |        |          |

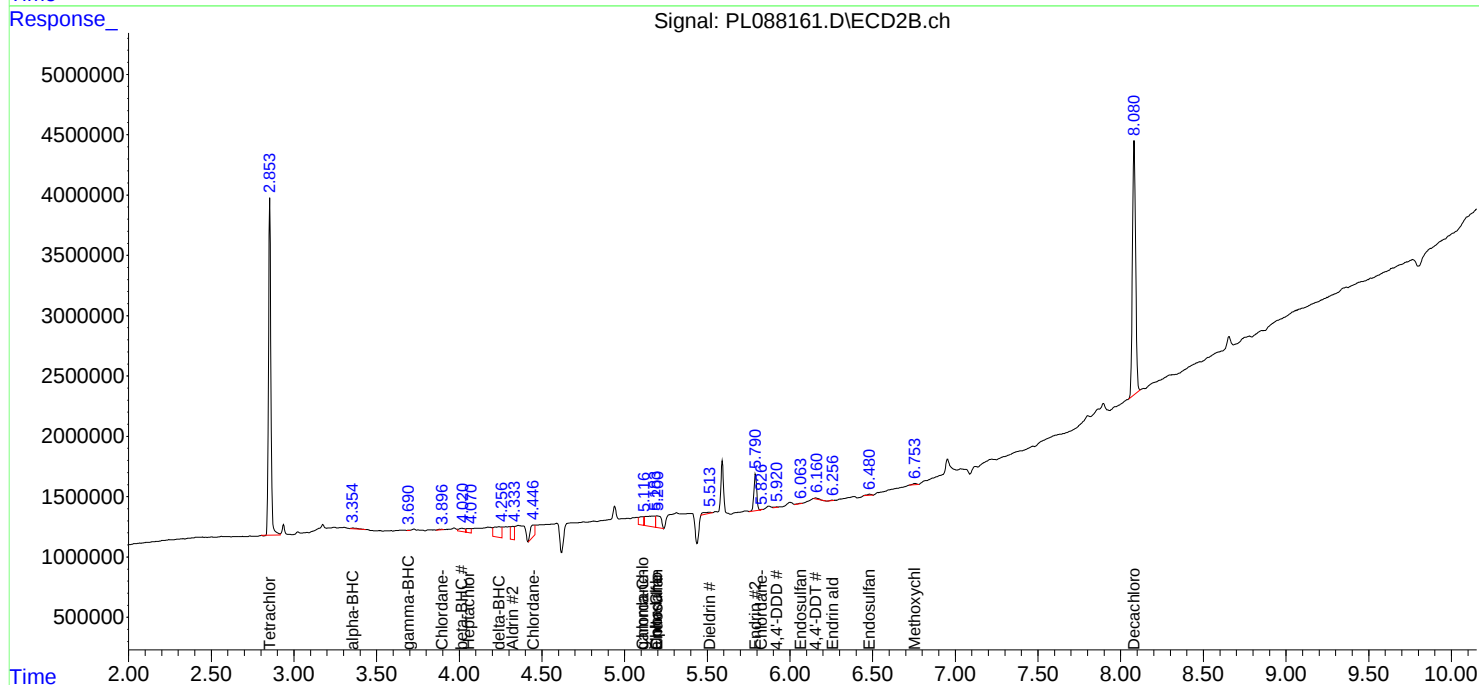
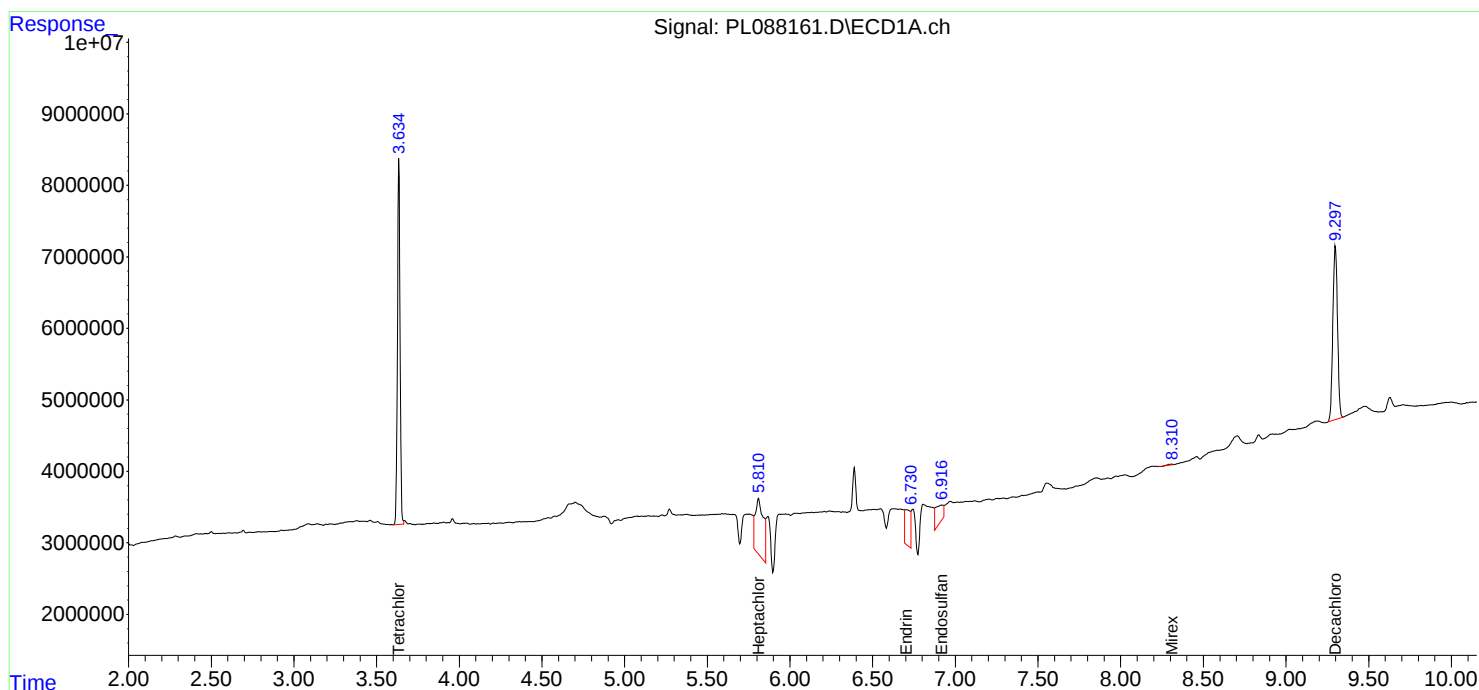
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

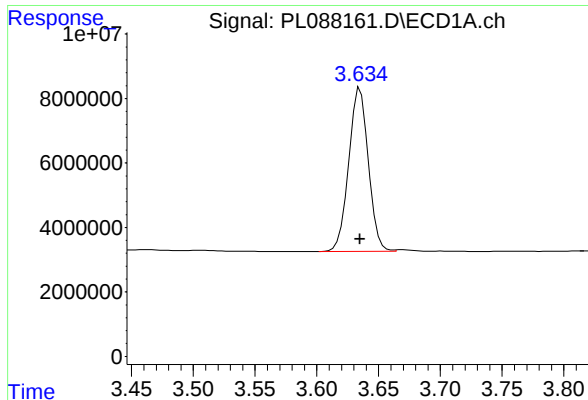
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022024\  
Data File : PL088161.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Feb 2024 17:25  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 00:18:09 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

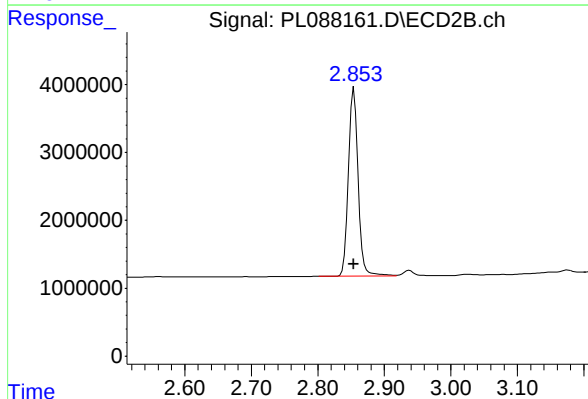




#1 Tetrachloro-m-xylene

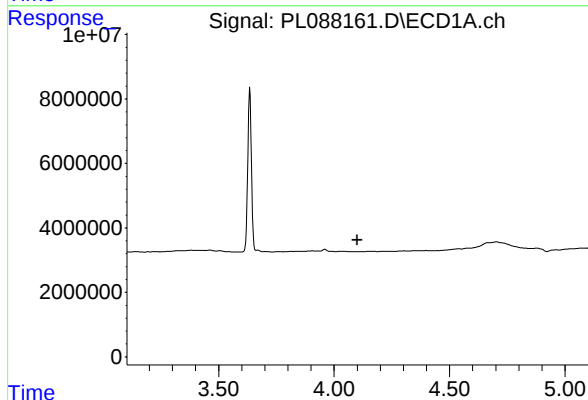
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 56237346  
Conc: 20.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



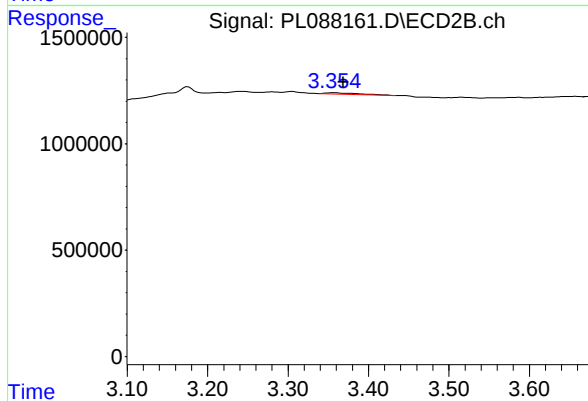
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 28150420  
Conc: 20.07 ng/ml



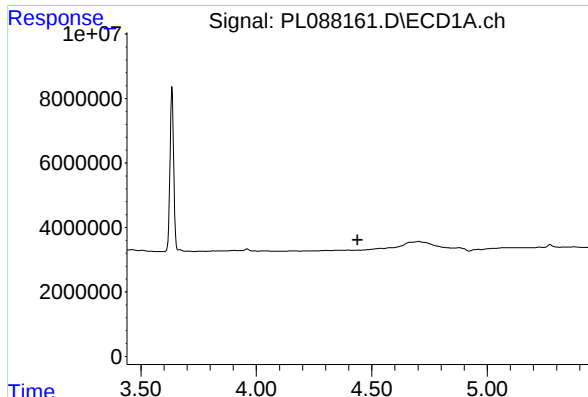
#2 alpha-BHC

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



#2 alpha-BHC

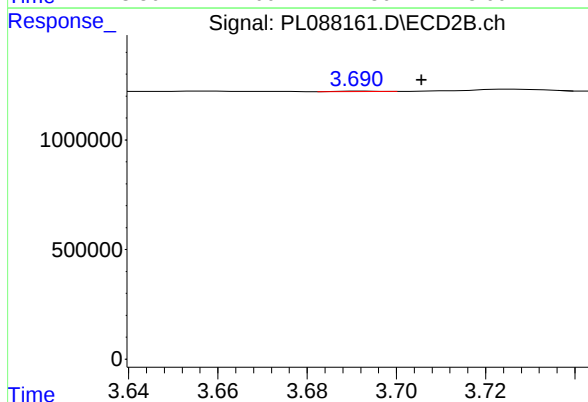
R.T.: 3.356 min  
Delta R.T.: -0.013 min  
Response: 193779  
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

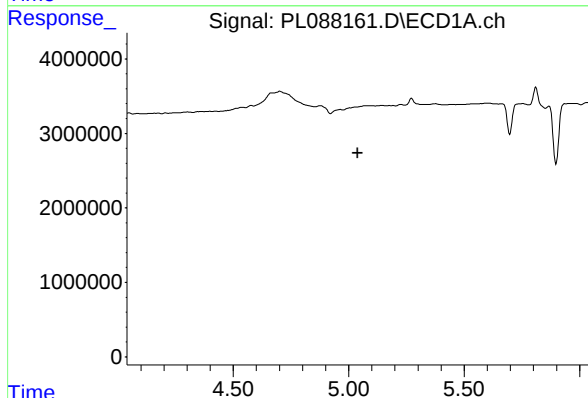
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



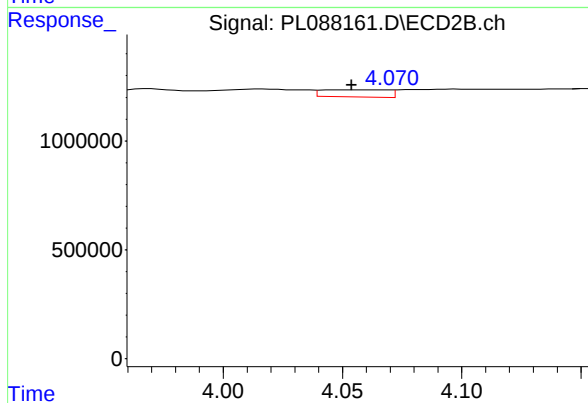
#3 gamma-BHC (Lindane)

R.T.: 3.692 min  
Delta R.T.: -0.014 min  
Response: 13746  
Conc: 0.01 ng/ml



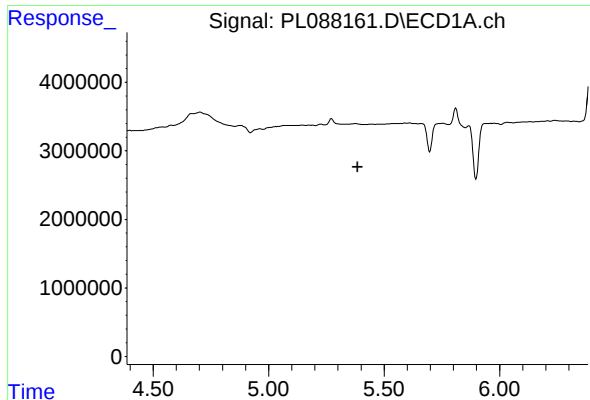
#4 Heptachlor

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



#4 Heptachlor

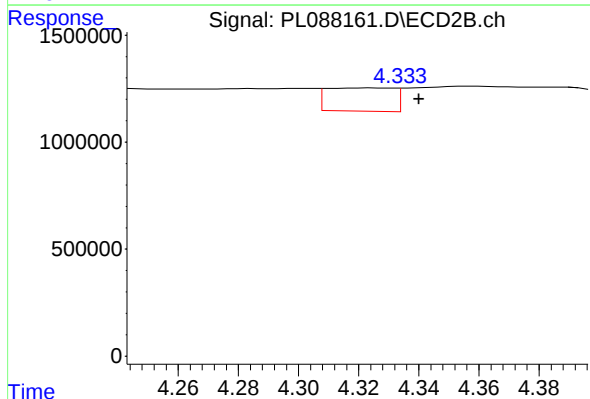
R.T.: 4.051 min  
Delta R.T.: -0.003 min  
Response: 638910  
Conc: 0.35 ng/ml



#5 Aldrin

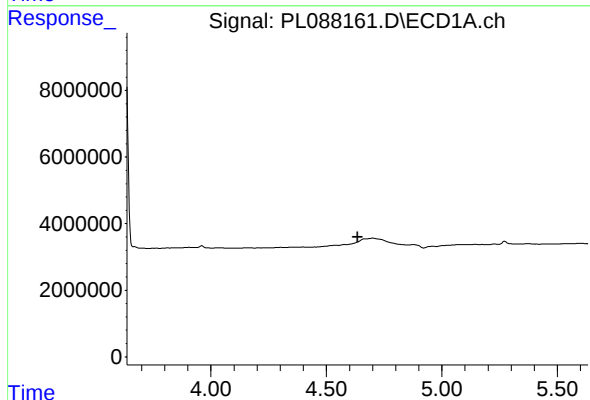
R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



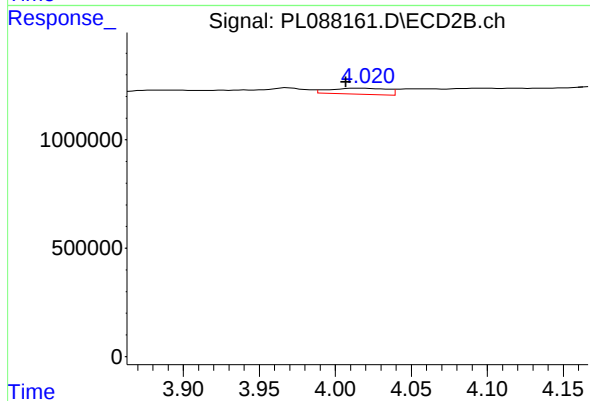
#5 Aldrin

R.T.: 4.324 min  
Delta R.T.: -0.016 min  
Response: 1679621  
Conc: 0.87 ng/ml



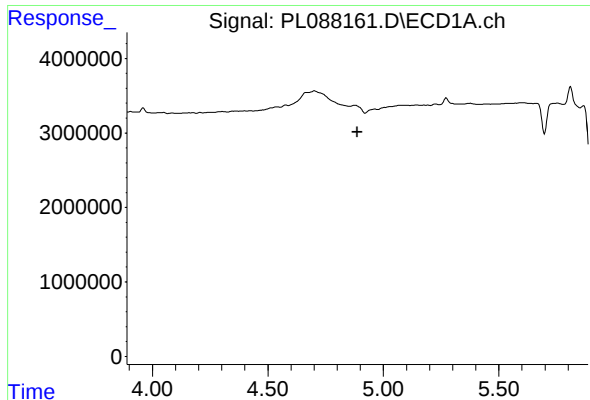
#6 beta-BHC

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



#6 beta-BHC

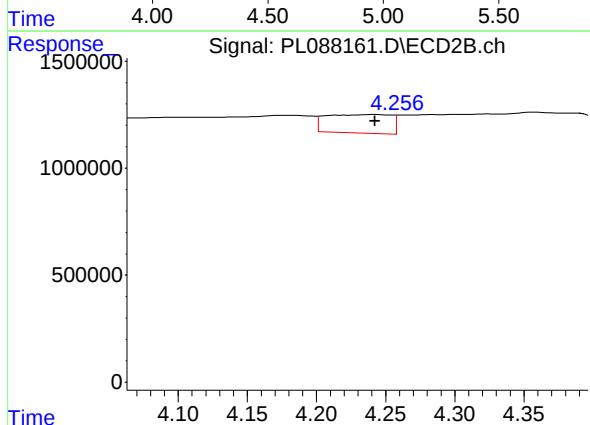
R.T.: 4.015 min  
Delta R.T.: 0.008 min  
Response: 720673  
Conc: 0.81 ng/ml



#7 delta-BHC

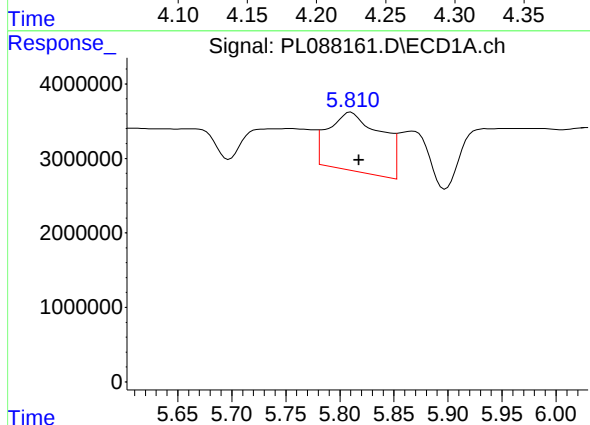
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



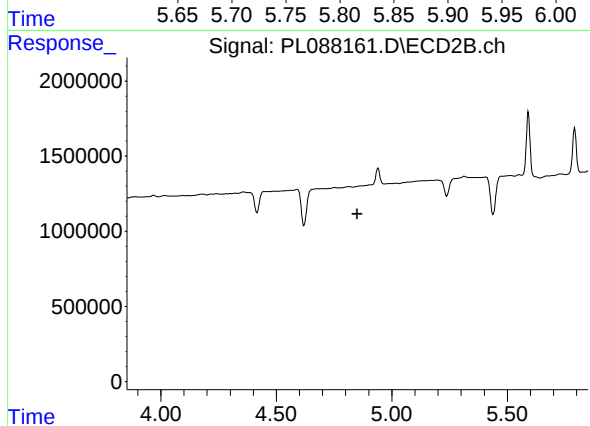
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 2805933  
Conc: 1.41 ng/ml



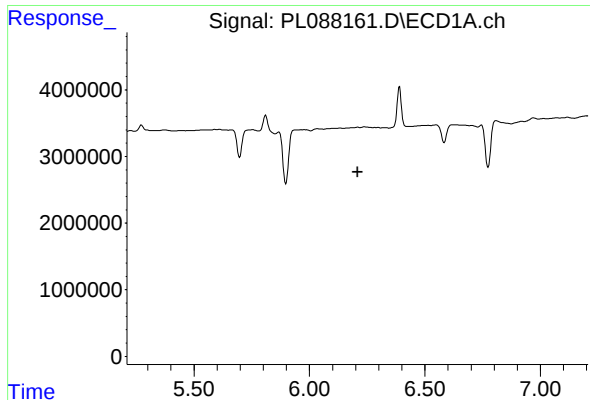
#8 Heptachlor epoxide

R.T.: 5.810 min  
Delta R.T.: -0.008 min  
Response: 26888115  
Conc: 7.67 ng/ml



#8 Heptachlor epoxide

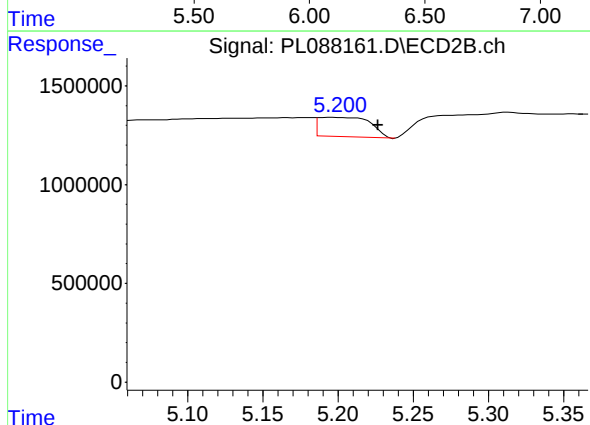
R.T.: 0.000 min  
Exp R.T.: 4.851 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

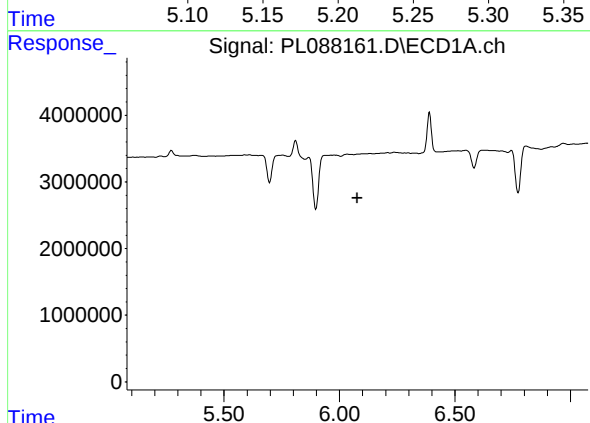
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



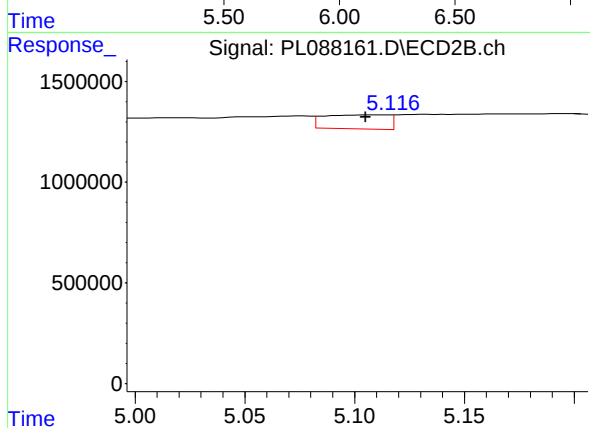
#9 Endosulfan I

R.T.: 5.197 min  
Delta R.T.: -0.029 min  
Response: 2356843  
Conc: 1.46 ng/ml



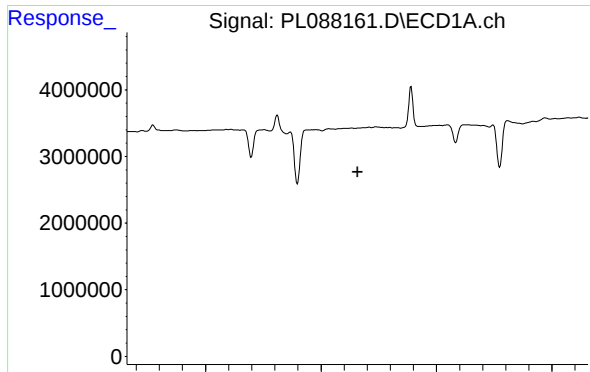
#10 gamma-Chlordane

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



#10 gamma-Chlordane

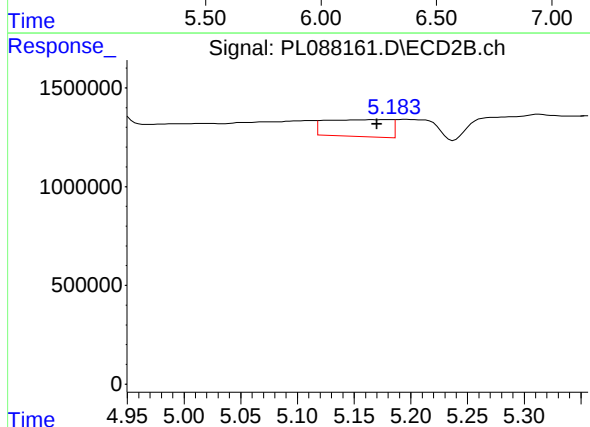
R.T.: 5.111 min  
Delta R.T.: 0.006 min  
Response: 1422512  
Conc: 0.80 ng/ml



#11 alpha-Chlordane

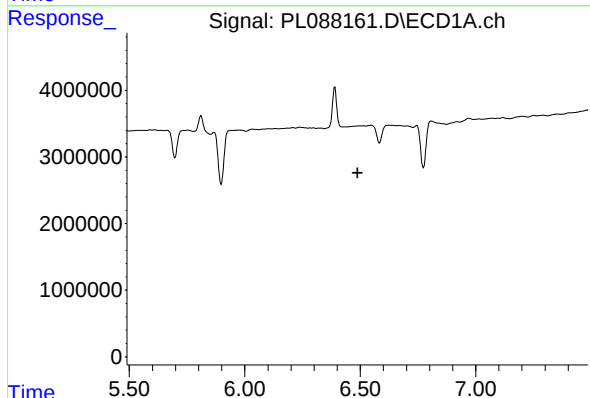
R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



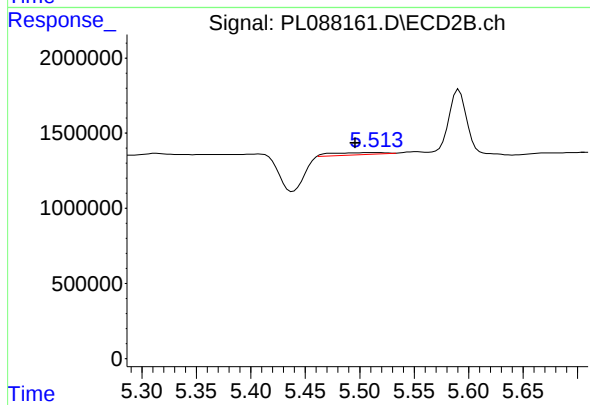
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: 0.012 min  
Response: 3410058  
Conc: 1.91 ng/ml



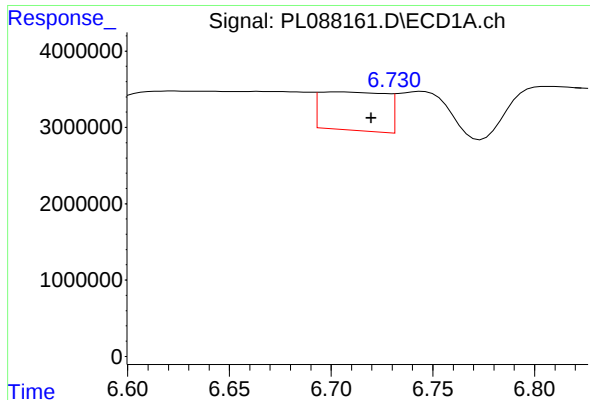
#13 Dieldrin

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



#13 Dieldrin

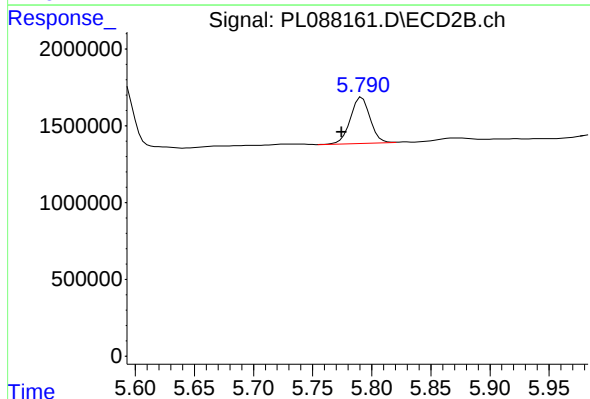
R.T.: 5.515 min  
Delta R.T.: 0.019 min  
Response: 466994  
Conc: 0.27 ng/ml



#14 Endrin

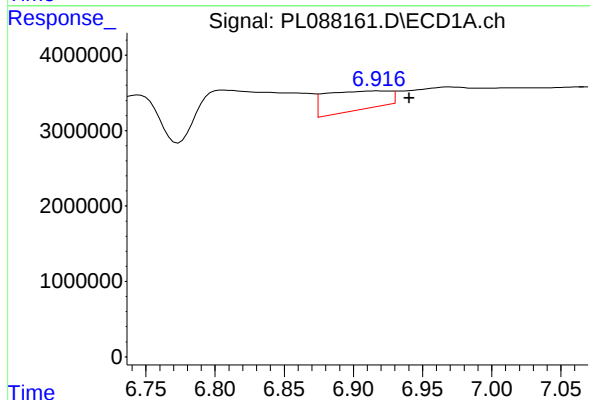
R.T.: 6.704 min  
Delta R.T.: -0.016 min  
Response: 11378400  
Conc: 4.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



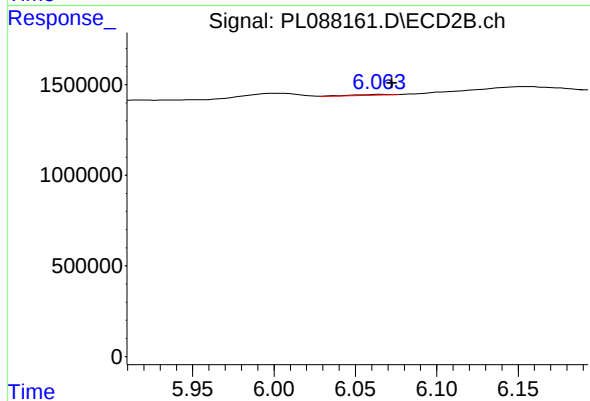
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: 0.017 min  
Response: 3476381  
Conc: 2.33 ng/ml



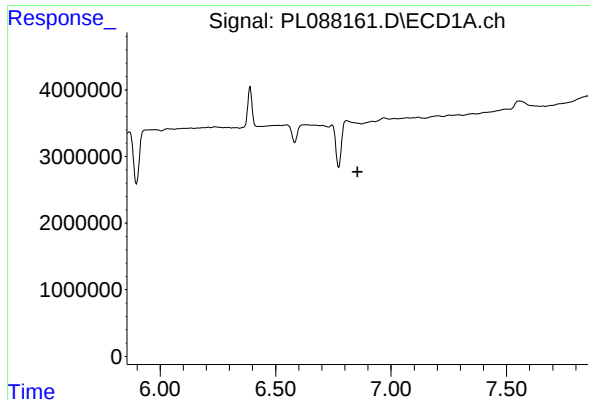
#15 Endosulfan II

R.T.: 6.919 min  
Delta R.T.: -0.022 min  
Response: 8123151  
Conc: 2.84 ng/ml



#15 Endosulfan II

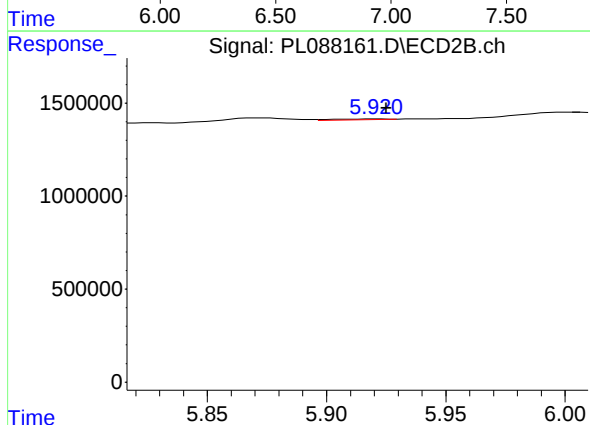
R.T.: 6.066 min  
Delta R.T.: -0.006 min  
Response: 52073  
Conc: 0.03 ng/ml



#16 4,4'-DDD

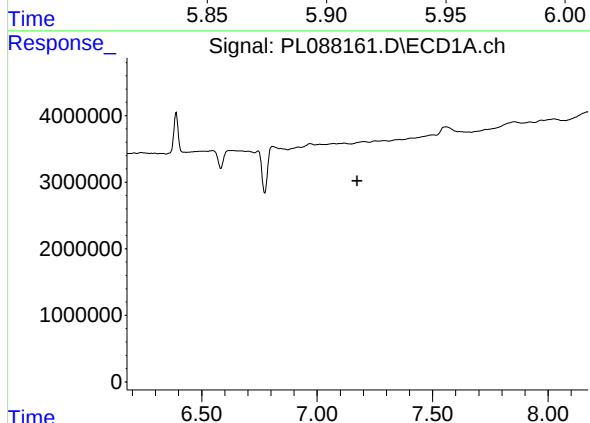
R.T.: 0.000 min  
Exp R.T.: 6.855 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



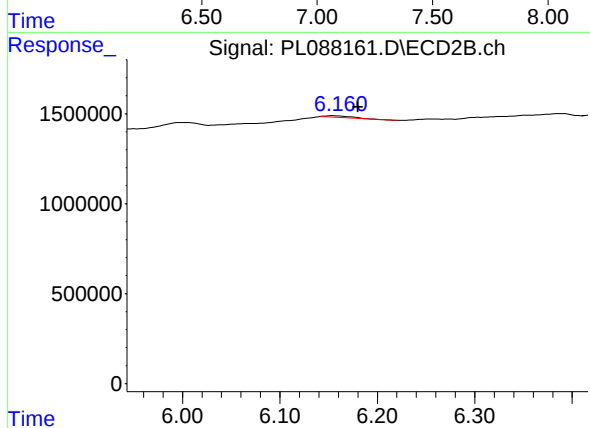
#16 4,4'-DDD

R.T.: 5.921 min  
Delta R.T.: -0.004 min  
Response: 76202  
Conc: 0.06 ng/ml



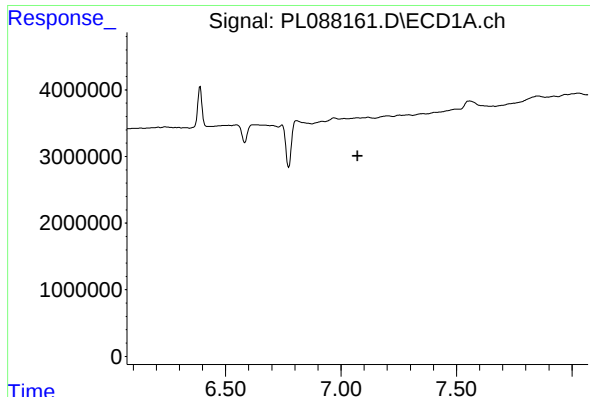
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.174 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

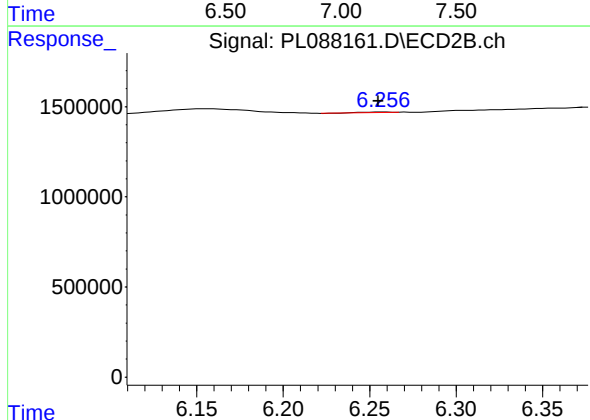
R.T.: 6.155 min  
Delta R.T.: -0.025 min  
Response: 150566  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

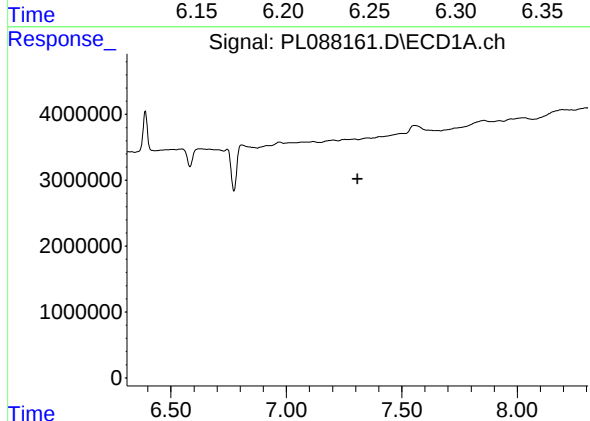
R.T.: 0.000 min  
Exp R.T.: 7.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



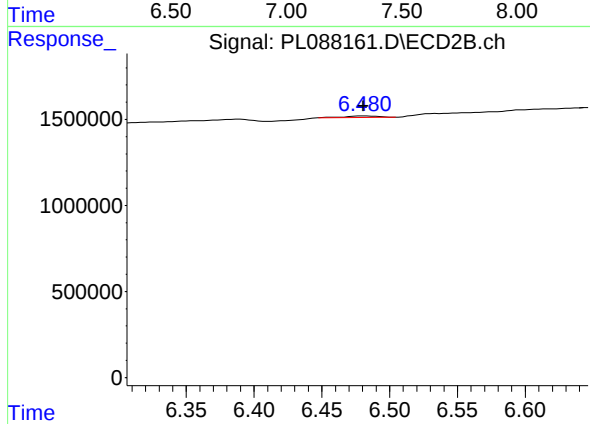
#18 Endrin aldehyde

R.T.: 6.258 min  
Delta R.T.: 0.003 min  
Response: 28466  
Conc: 0.03 ng/ml



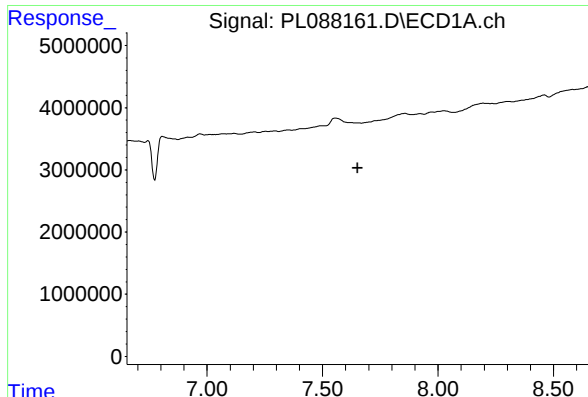
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

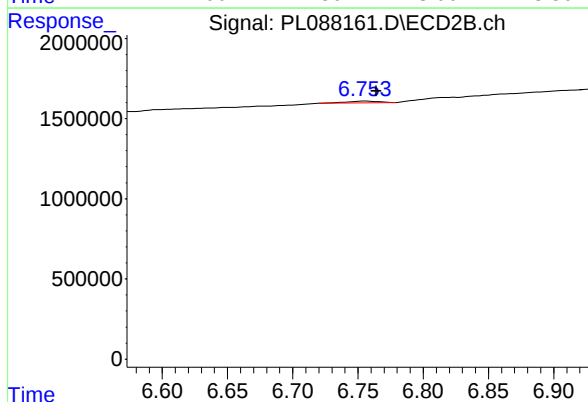
R.T.: 6.481 min  
Delta R.T.: 0.000 min  
Response: 154774  
Conc: 0.11 ng/ml



#20 Methoxychlor

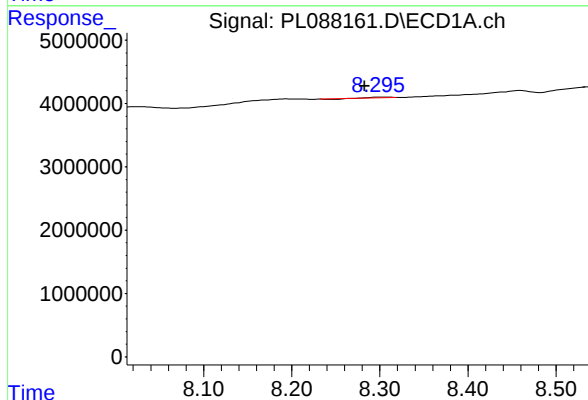
R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



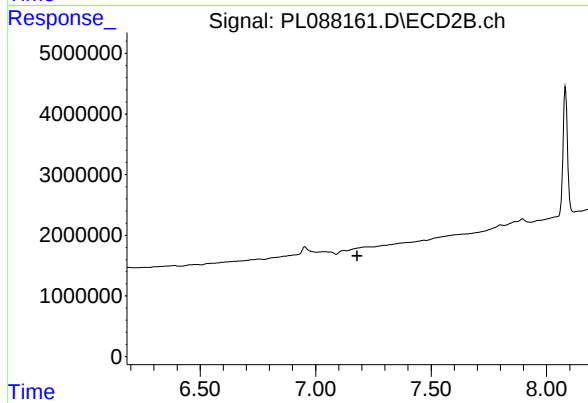
#20 Methoxychlor

R.T.: 6.755 min  
Delta R.T.: -0.009 min  
Response: 184324  
Conc: 0.24 ng/ml



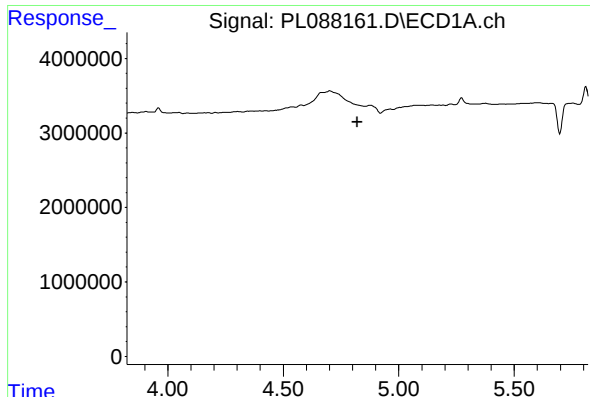
#22 Mirex

R.T.: 8.311 min  
Delta R.T.: 0.028 min  
Response: 159992  
Conc: 0.07 ng/ml



#22 Mirex

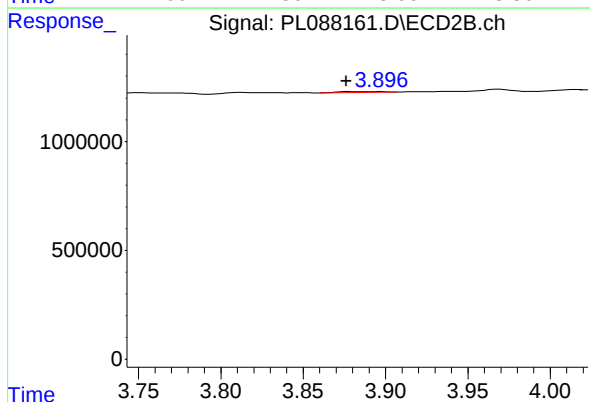
R.T.: 0.000 min  
Exp R.T.: 7.180 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

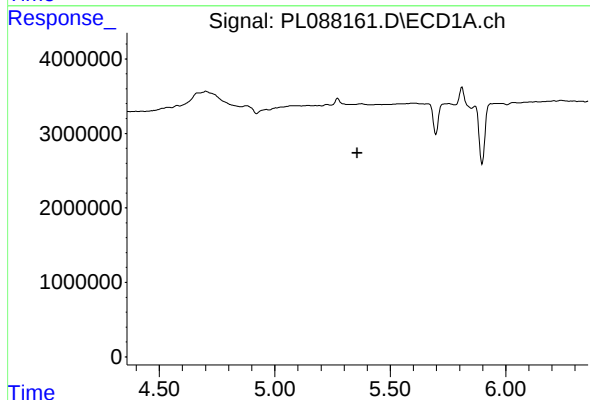
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



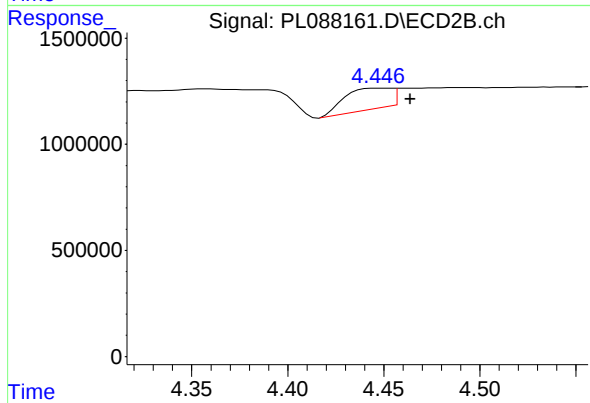
#23 Chlordane-1

R.T.: 3.897 min  
Delta R.T.: 0.021 min  
Response: 76226  
Conc: 1.48 ng/ml



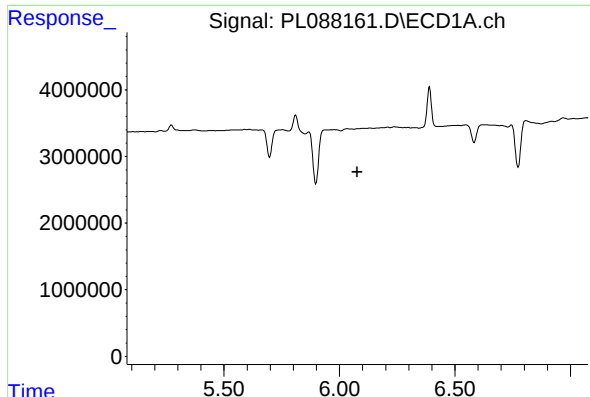
#24 Chlordane-2

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



#24 Chlordane-2

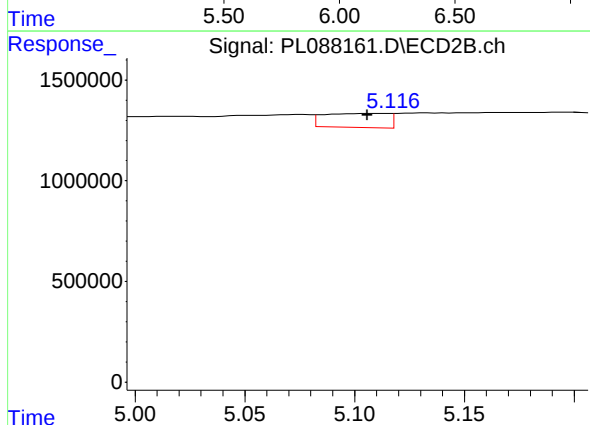
R.T.: 4.447 min  
Delta R.T.: -0.017 min  
Response: 1677762  
Conc: 26.41 ng/ml



#25 Chlordane-3

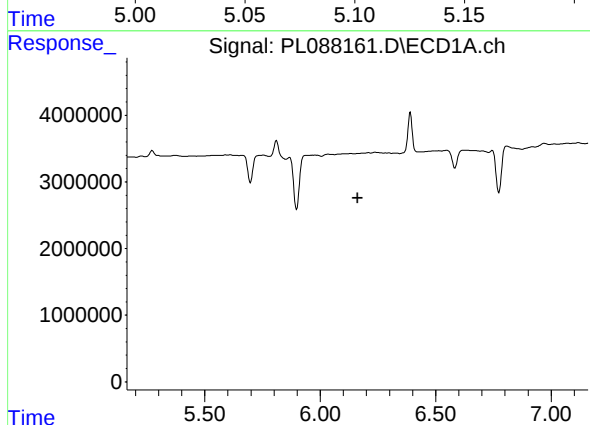
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



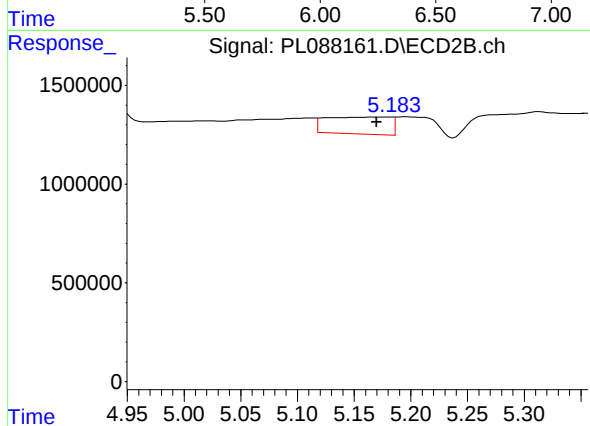
#25 Chlordane-3

R.T.: 5.111 min  
Delta R.T.: 0.005 min  
Response: 1422512  
Conc: 7.64 ng/ml



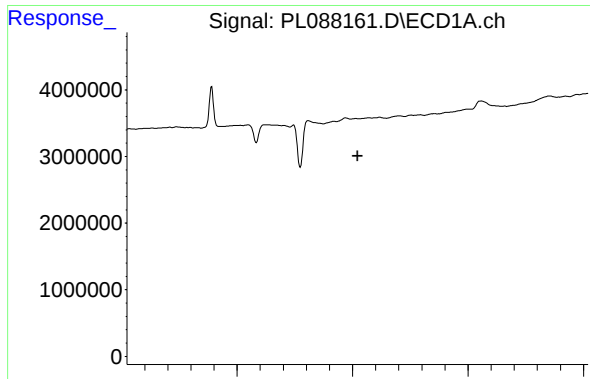
#26 Chlordane-4

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



#26 Chlordane-4

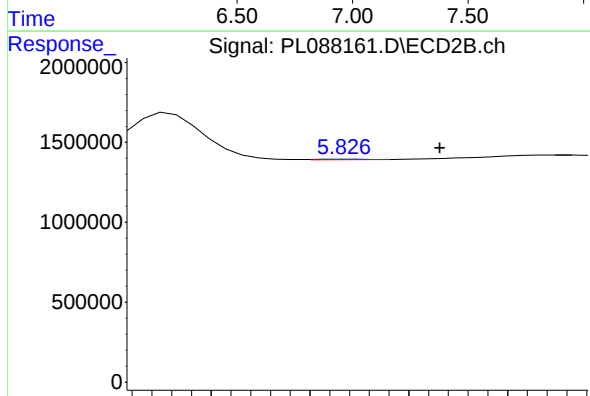
R.T.: 5.182 min  
Delta R.T.: 0.012 min  
Response: 3410058  
Conc: 19.72 ng/ml



#27 Chlordane-5

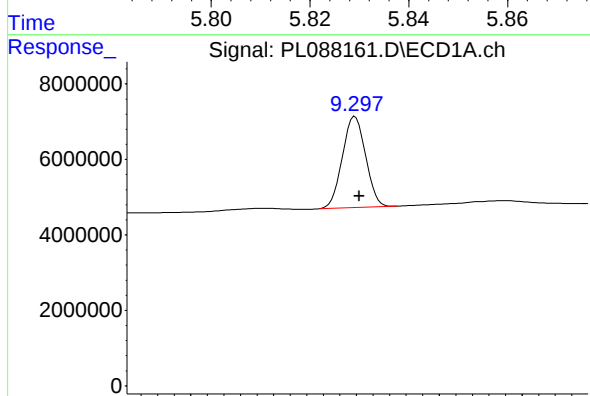
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



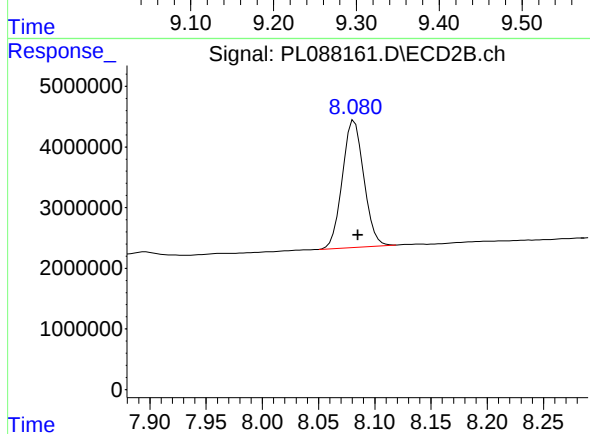
#27 Chlordane-5

R.T.: 5.828 min  
Delta R.T.: -0.018 min  
Response: 19025  
Conc: 0.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min  
Delta R.T.: -0.005 min  
Response: 47264575  
Conc: 24.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: -0.003 min  
Response: 27811277  
Conc: 21.84 ng/ml