

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121119\  
 Data File : PL054935.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2019 14:53  
 Operator : SG\AJ  
 Sample : K6204-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 K072-AA-WC-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 03:57:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 2019  
 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... | 3.536  | 4.048  | 145.0E6  | 33837898 | 12.462  | 13.260    |
| 28)                         | SA Decachlor... | 8.316  | 9.145  | 130.2E6  | 34185429 | 13.594  | 14.259    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.994  | 4.465f | -239786  | 15865057 | N.D.    | 4.478     |
| 3)                          | MA gamma-BHC... | 4.291f | 0.000  | 3436054  | 0        | 0.202   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.572  | 5.256f | 23787059 | 17354972 | 1.349   | 5.751 #   |
| 5)                          | MB Aldrin       | 4.822  | 5.566f | 12805218 | 3523467  | 0.786   | 1.264 #   |
| 6)                          | B beta-BHC      | 4.544f | 0.000  | 9184593  | 0        | 1.238   | N.D. #    |
| 7)                          | B delta-BHC     | 4.724  | 0.000  | 14969837 | 0        | 0.921   | N.D. #    |
| 8)                          | B Heptachlor... | 5.265  | 5.945  | 19301498 | 10023268 | 1.276   | 4.012 #   |
| 9)                          | A Endosulfan I  | 5.623  | 0.000  | 1657254  | 0        | 0.122   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.495  | 6.161  | 428.3E6  | 109.2E6  | 28.242  | 41.433 #  |
| 11)                         | B alpha-Chl...  | 5.554  | 6.235  | 547.5E6  | 198.7E6  | 37.130  | 75.690 #  |
| 12)                         | B 4,4'-DDE      | 5.717  | 6.390  | 403.7E6  | 84117273 | 30.339  | 33.981    |
| 13)                         | MA Dieldrin     | 5.867  | 0.000  | 70644151 | 0        | 4.982   | N.D. #    |
| 14)                         | MA Endrin       | 6.108  | 6.752  | 12119235 | 1247187  | 0.952   | 0.563 #   |
| 15)                         | B Endosulfa...  | 6.394  | 0.000  | 28763498 | 0        | 2.377   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.234  | 6.882  | 117.1E6  | 40260299 | 11.989  | 20.968 #  |
| 17)                         | MA 4,4'-DDT     | 6.475  | 7.181  | 166.9E6  | 42203543 | 15.932  | 21.301 #  |
| 18)                         | B Endrin al...  | 6.567  | 0.000  | 9552326  | 0        | 0.965   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.760  | 0.000  | 5926431  | 0        | 0.553   | N.D. #    |
| 20)                         | A Methoxychlor  | 7.006f | 0.000  | 14163929 | 0        | 2.826   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.282f | 0.000  | 6665114  | 0        | 0.613   | N.D. #    |
| 23)                         | Chlordane-1     | 4.417  | 5.045  | 204.6E6  | 46058037 | 518.415 | 577.795   |
| 24)                         | Chlordane-2     | 4.922  | 5.514  | 180.5E6  | 54591634 | 415.566 | 609.118 # |
| 25)                         | Chlordane-3     | 5.495  | 6.161  | 428.3E6  | 109.2E6  | 333.507 | 351.642   |
| 26)                         | Chlordane-4     | 5.554  | 6.235  | 547.5E6  | 198.7E6  | 518.337 | 528.152   |
| 27)                         | Chlordane-5     | 6.394  | 7.041  | 28763498 | 7229414  | 76.397  | 107.234 # |
| -----                       |                 |        |        |          |          |         |           |

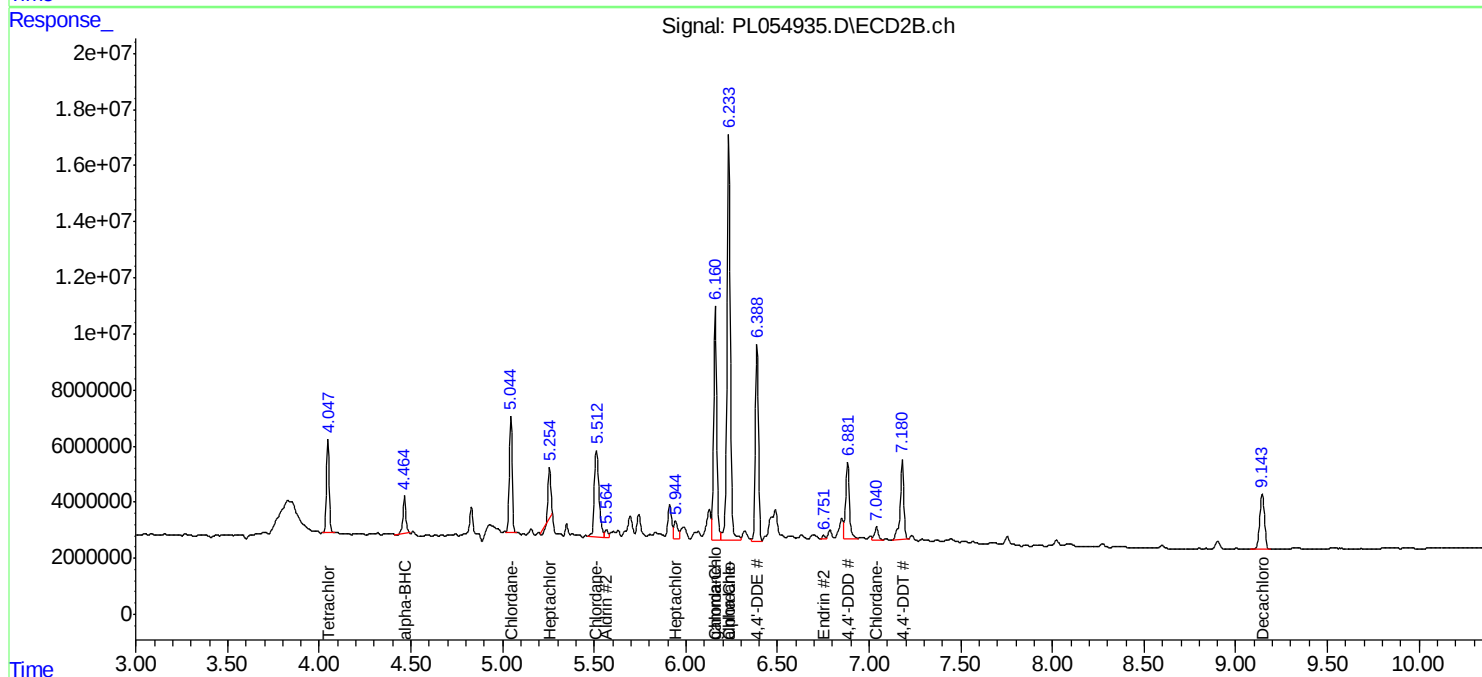
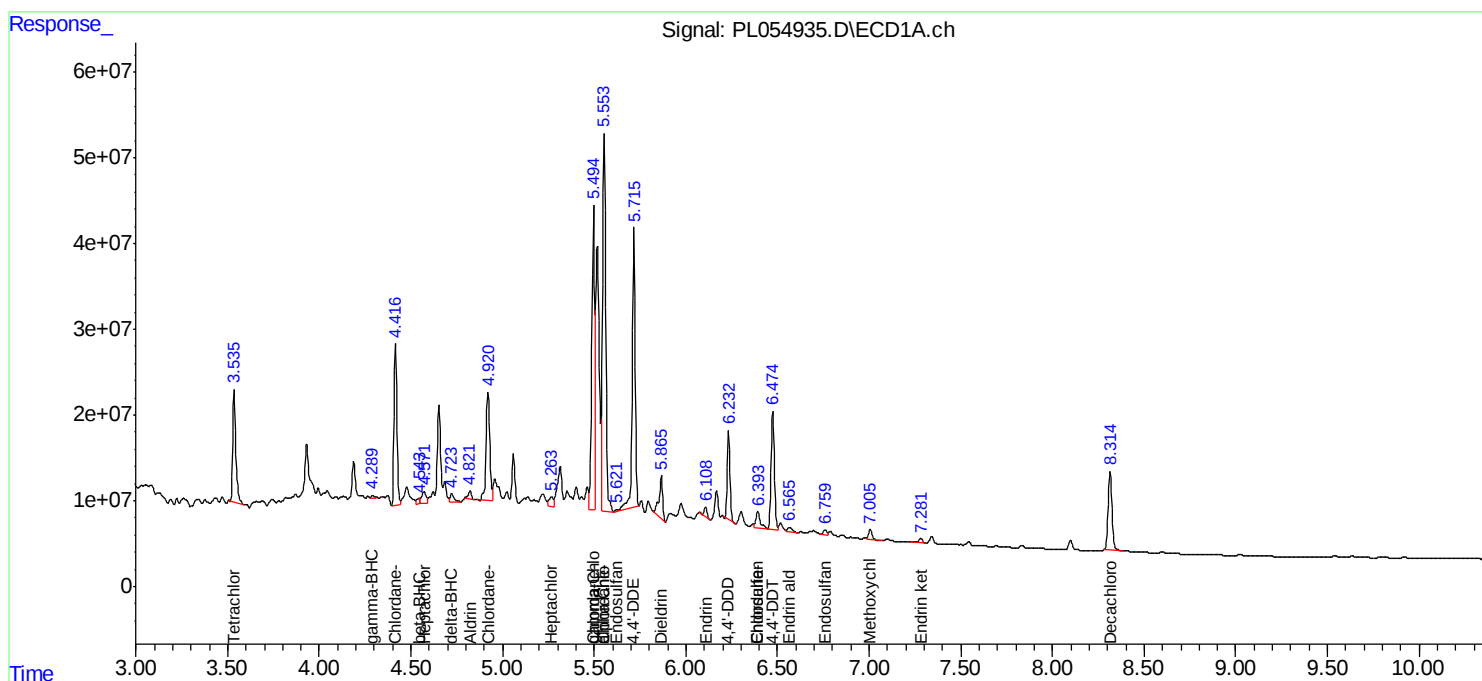
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

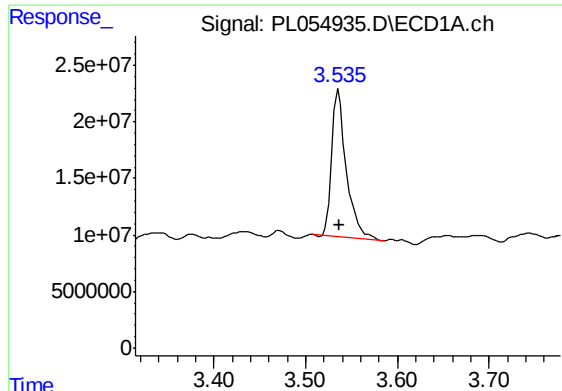
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121119\  
Data File : PL054935.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2019 14:53  
Operator : SG\AJ  
Sample : K6204-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
K072-AA-WC-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 03:57:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 2019  
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

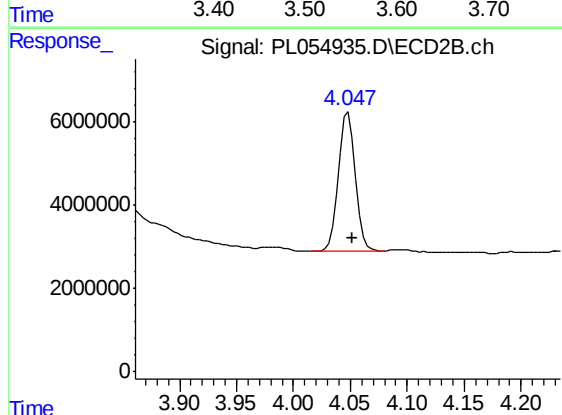




#1 Tetrachloro-m-xylene

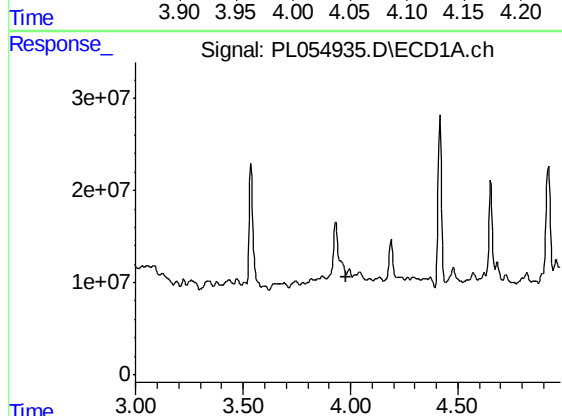
R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 144982440  
Conc: 12.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



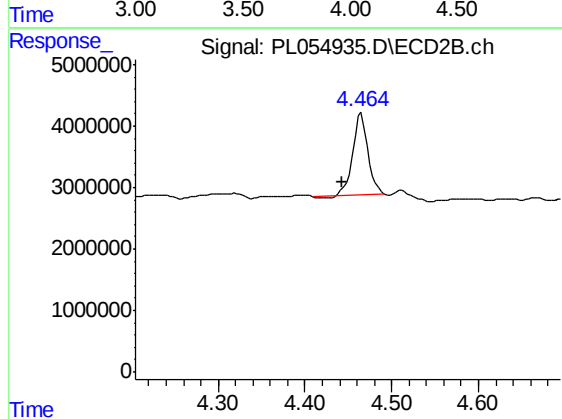
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: -0.003 min  
Response: 33837898  
Conc: 13.26 ng/ml



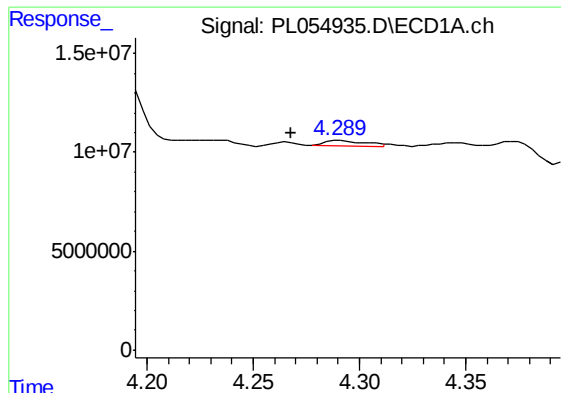
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.013 min  
Response: -239786  
Conc: N.D.



#2 alpha-BHC

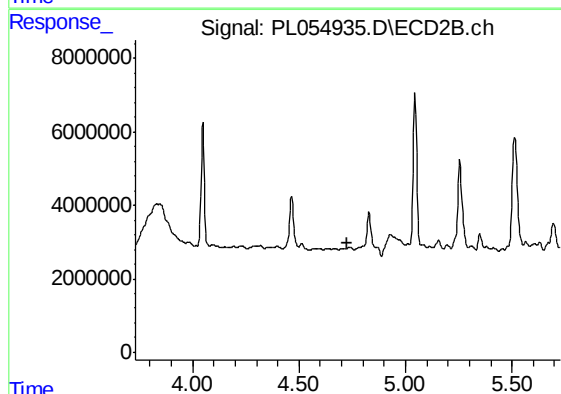
R.T.: 4.465 min  
Delta R.T.: 0.022 min  
Response: 15865057  
Conc: 4.48 ng/ml



#3 gamma-BHC (Lindane)

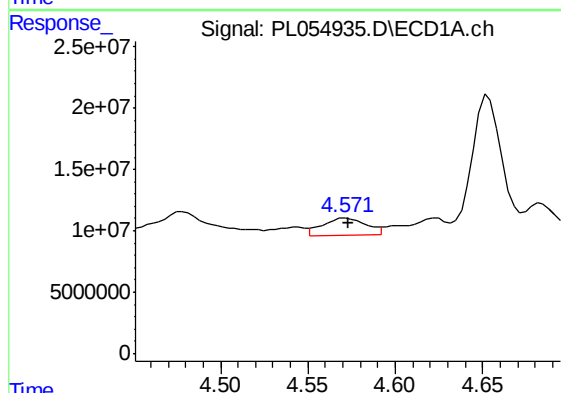
R.T.: 4.291 min  
Delta R.T.: 0.023 min  
Response: 3436054  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



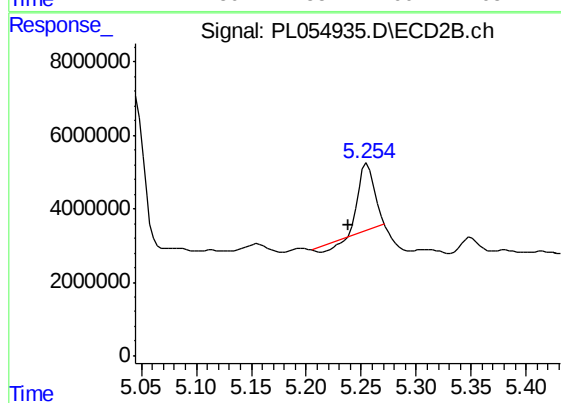
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.729 min  
Response: 0  
Conc: N.D.



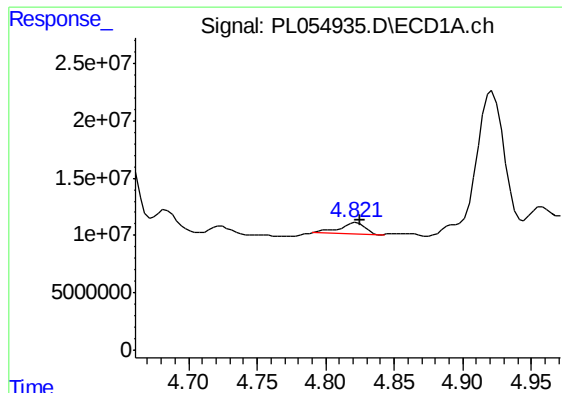
#4 Heptachlor

R.T.: 4.572 min  
Delta R.T.: -0.001 min  
Response: 23787059  
Conc: 1.35 ng/ml



#4 Heptachlor

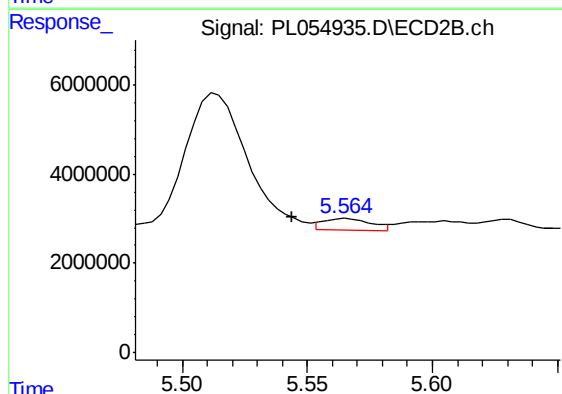
R.T.: 5.256 min  
Delta R.T.: 0.017 min  
Response: 17354972  
Conc: 5.75 ng/ml



#5 Aldrin

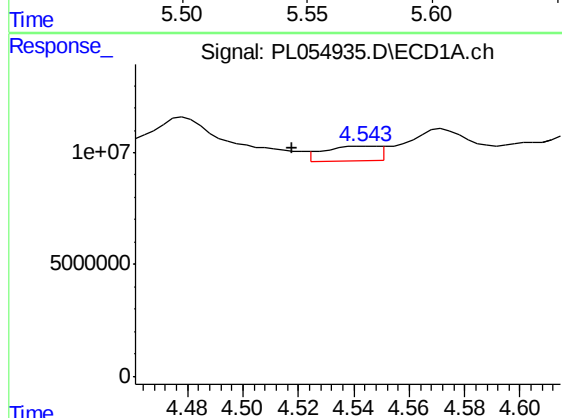
R.T.: 4.822 min  
Delta R.T.: -0.003 min  
Response: 12805218  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



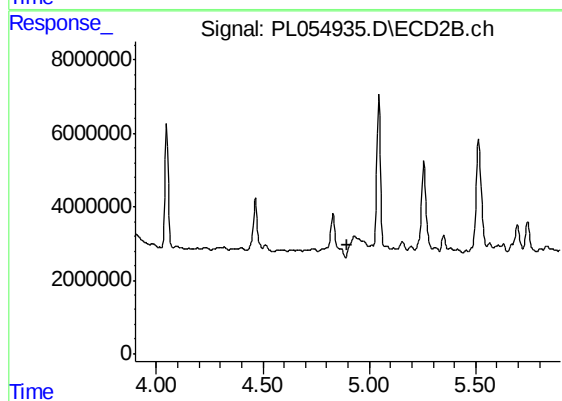
#5 Aldrin

R.T.: 5.566 min  
Delta R.T.: 0.022 min  
Response: 3523467  
Conc: 1.26 ng/ml



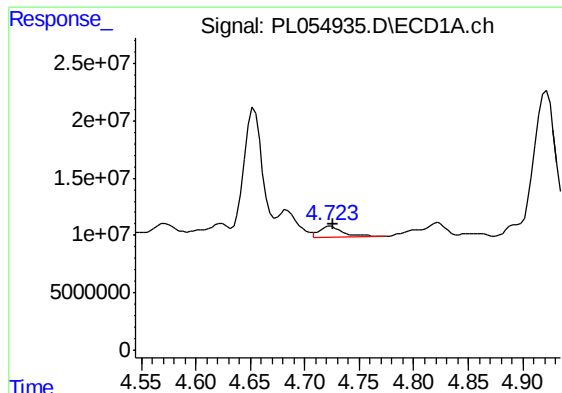
#6 beta-BHC

R.T.: 4.544 min  
Delta R.T.: 0.027 min  
Response: 9184593  
Conc: 1.24 ng/ml



#6 beta-BHC

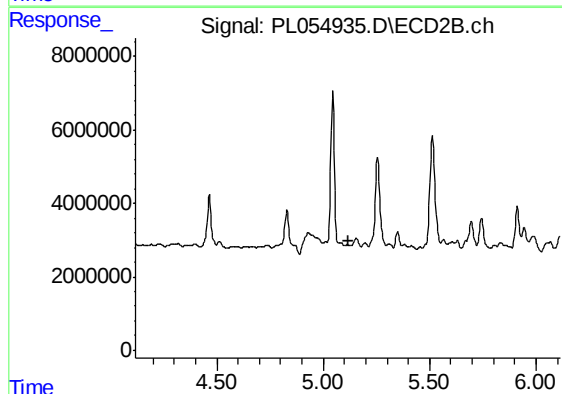
R.T.: 0.000 min  
Exp R.T. : 4.899 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

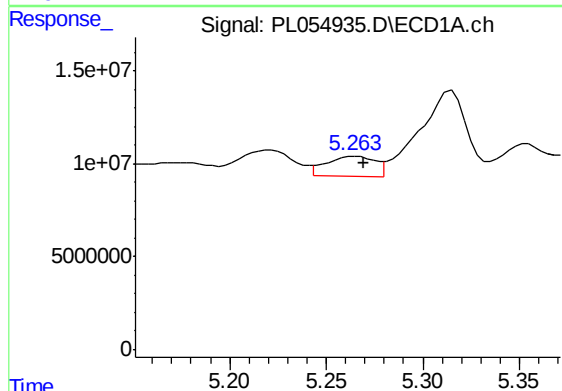
R.T.: 4.724 min  
Delta R.T.: -0.002 min  
Response: 14969837  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



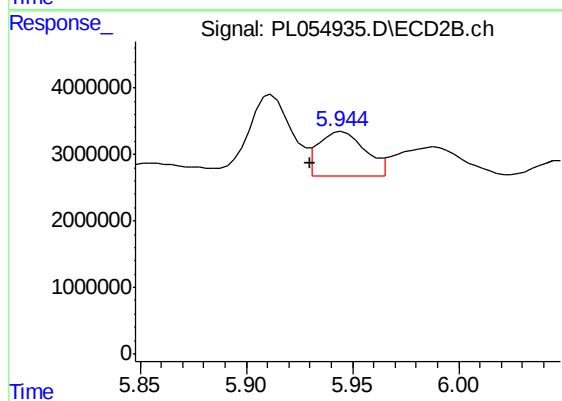
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.117 min  
Response: 0  
Conc: N.D.



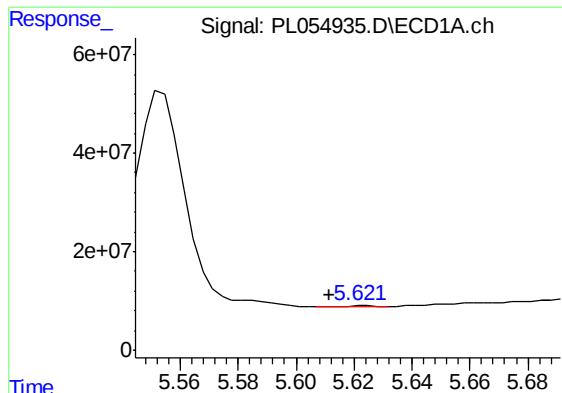
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: -0.005 min  
Response: 19301498  
Conc: 1.28 ng/ml



#8 Heptachlor epoxide

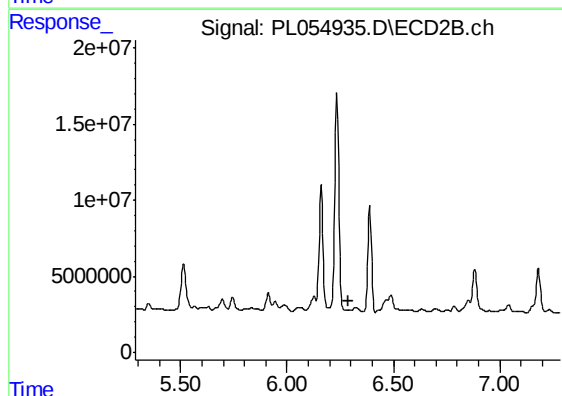
R.T.: 5.945 min  
Delta R.T.: 0.015 min  
Response: 10023268  
Conc: 4.01 ng/ml



#9 Endosulfan I

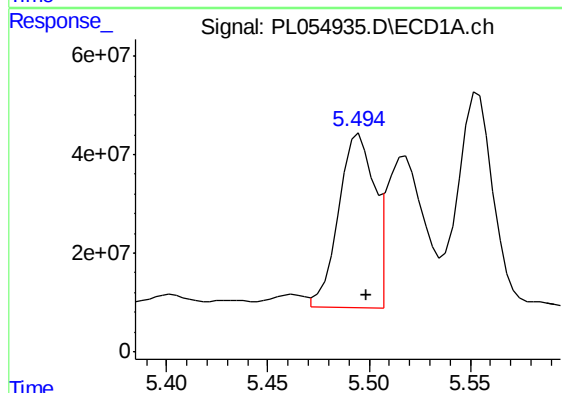
R.T.: 5.623 min  
Delta R.T.: 0.012 min  
Response: 1657254  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



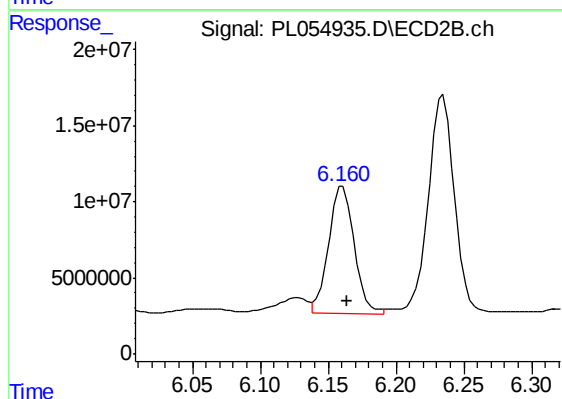
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.288 min  
Response: 0  
Conc: N.D.



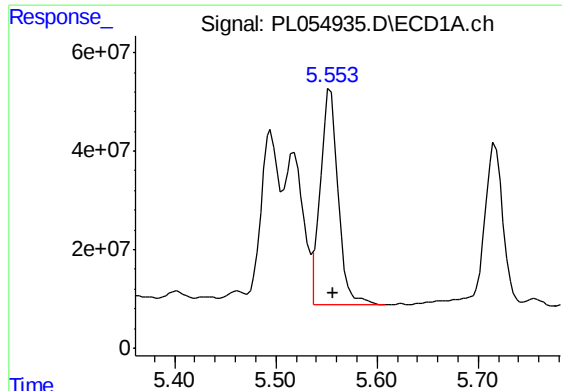
#10 gamma-Chlordane

R.T.: 5.495 min  
Delta R.T.: -0.003 min  
Response: 428266179  
Conc: 28.24 ng/ml



#10 gamma-Chlordane

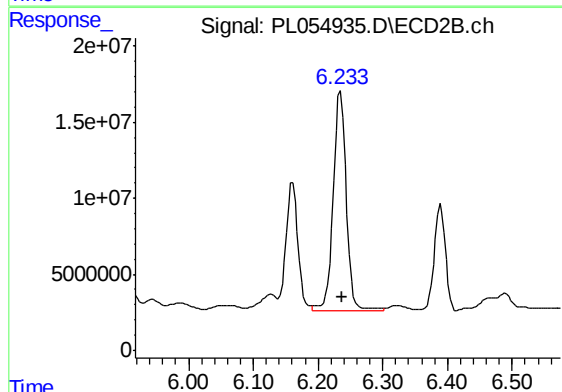
R.T.: 6.161 min  
Delta R.T.: -0.004 min  
Response: 109150100  
Conc: 41.43 ng/ml



#11 alpha-Chlordane

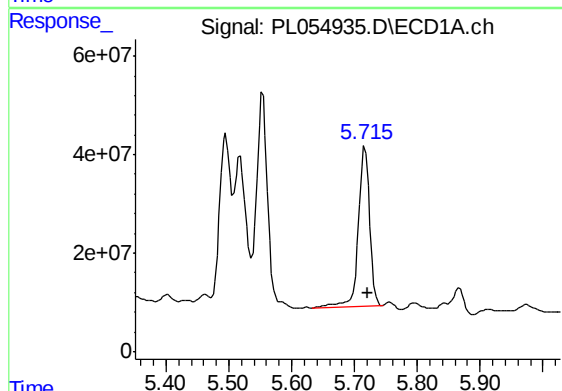
R.T.: 5.554 min  
Delta R.T.: -0.003 min  
Response: 547513504  
Conc: 37.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



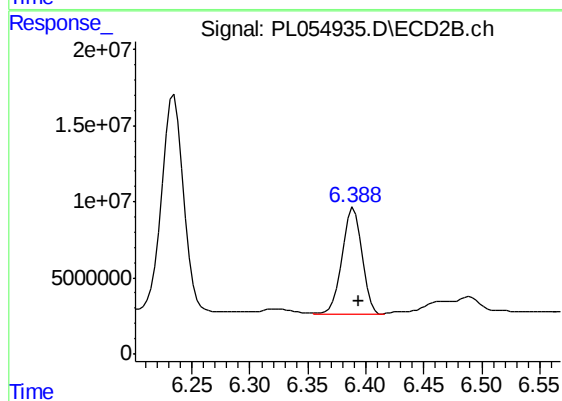
#11 alpha-Chlordane

R.T.: 6.235 min  
Delta R.T.: -0.003 min  
Response: 198737830  
Conc: 75.69 ng/ml



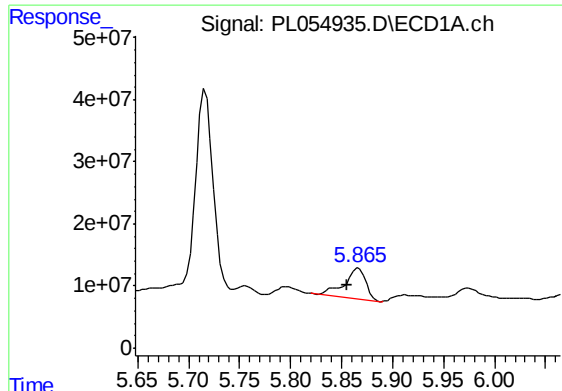
#12 4,4'-DDE

R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 403657800  
Conc: 30.34 ng/ml



#12 4,4'-DDE

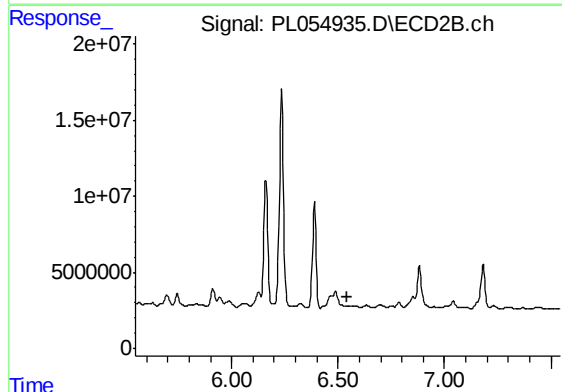
R.T.: 6.390 min  
Delta R.T.: -0.004 min  
Response: 84117273  
Conc: 33.98 ng/ml



#13 Dieldrin

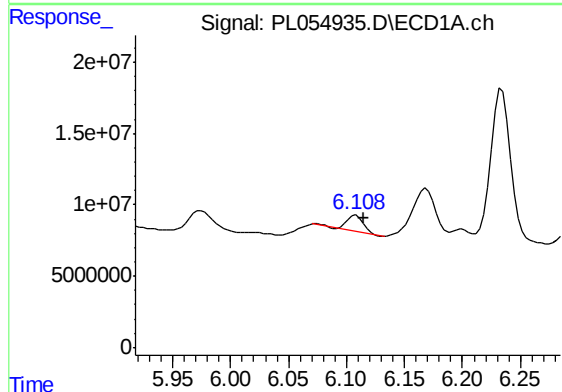
R.T.: 5.867 min  
Delta R.T.: 0.011 min  
Response: 70644151  
Conc: 4.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



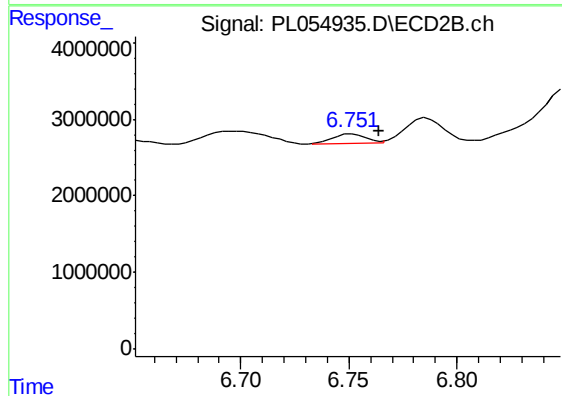
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.545 min  
Response: 0  
Conc: N.D.



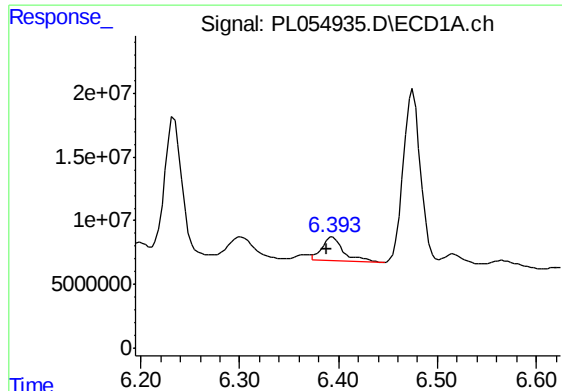
#14 Endrin

R.T.: 6.108 min  
Delta R.T.: -0.006 min  
Response: 12119235  
Conc: 0.95 ng/ml



#14 Endrin

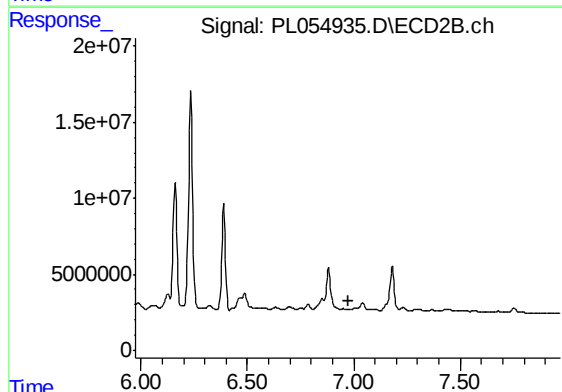
R.T.: 6.752 min  
Delta R.T.: -0.012 min  
Response: 1247187  
Conc: 0.56 ng/ml



#15 Endosulfan II

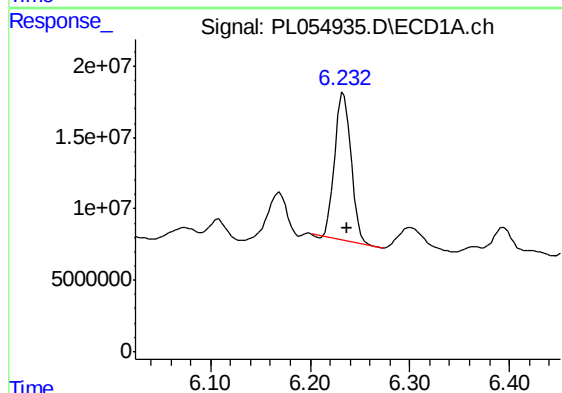
R.T.: 6.394 min  
Delta R.T.: 0.007 min  
Response: 28763498  
Conc: 2.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



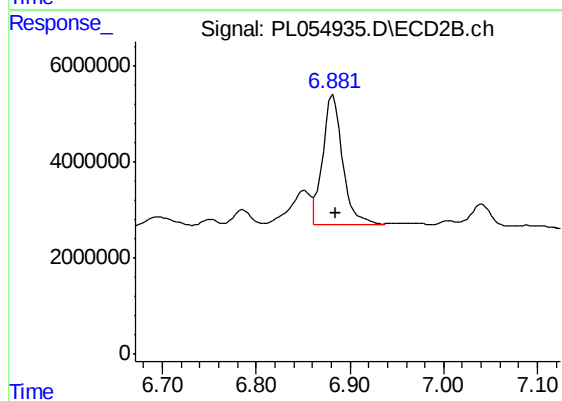
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.974 min  
Response: 0  
Conc: N.D.



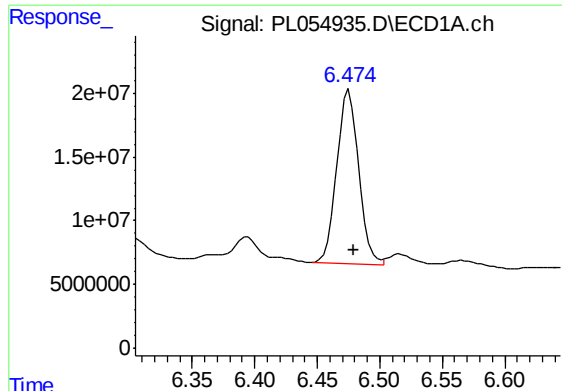
#16 4,4'-DDD

R.T.: 6.234 min  
Delta R.T.: -0.003 min  
Response: 117098137  
Conc: 11.99 ng/ml



#16 4,4'-DDD

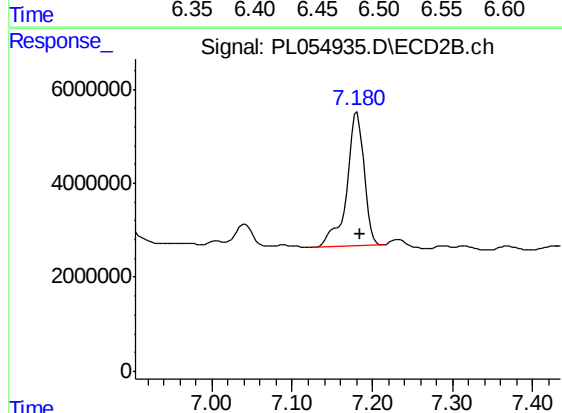
R.T.: 6.882 min  
Delta R.T.: -0.003 min  
Response: 40260299  
Conc: 20.97 ng/ml



#17 4,4'-DDT

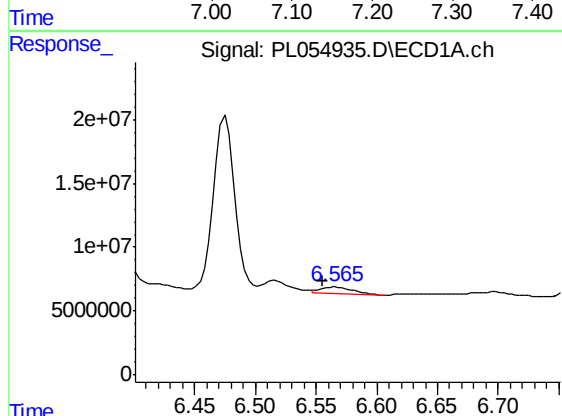
R.T.: 6.475 min  
Delta R.T.: -0.004 min  
Response: 166907125  
Conc: 15.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



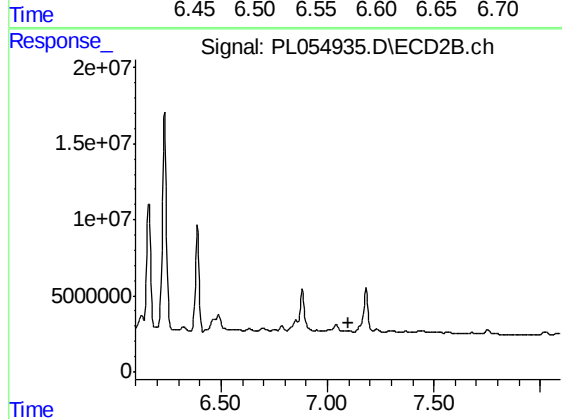
#17 4,4'-DDT

R.T.: 7.181 min  
Delta R.T.: -0.003 min  
Response: 42203543  
Conc: 21.30 ng/ml



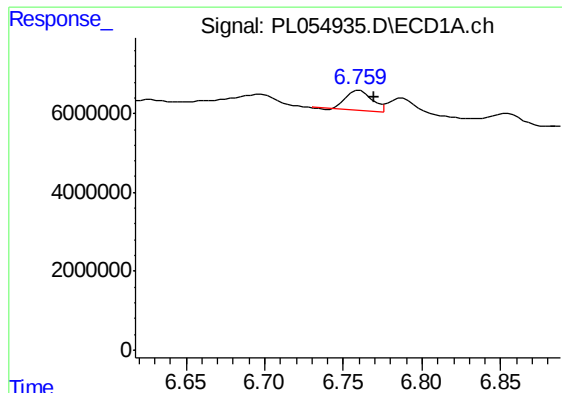
#18 Endrin aldehyde

R.T.: 6.567 min  
Delta R.T.: 0.011 min  
Response: 9552326  
Conc: 0.96 ng/ml



#18 Endrin aldehyde

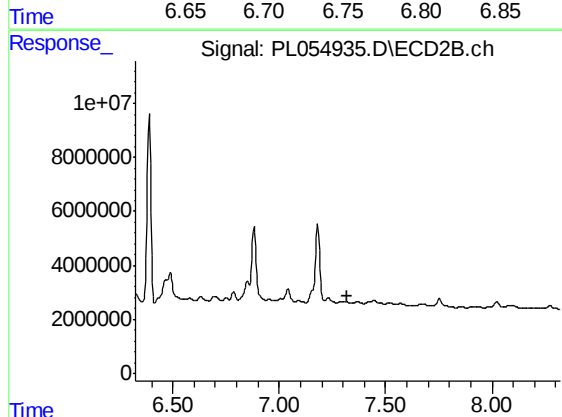
R.T.: 0.000 min  
Exp R.T. : 7.098 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

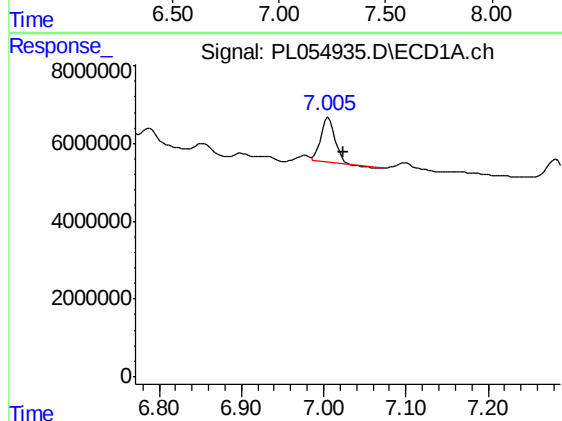
R.T.: 6.760 min  
Delta R.T.: -0.009 min  
Response: 5926431  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



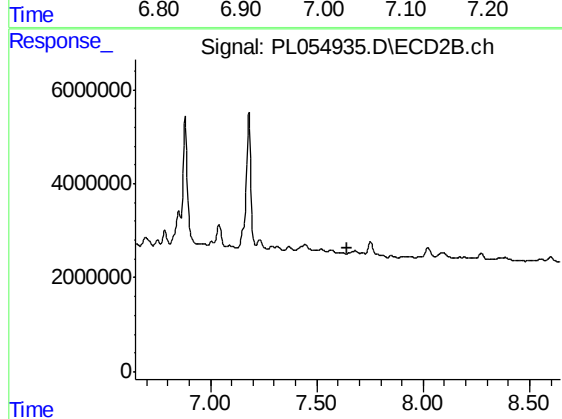
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.322 min  
Response: 0  
Conc: N.D.



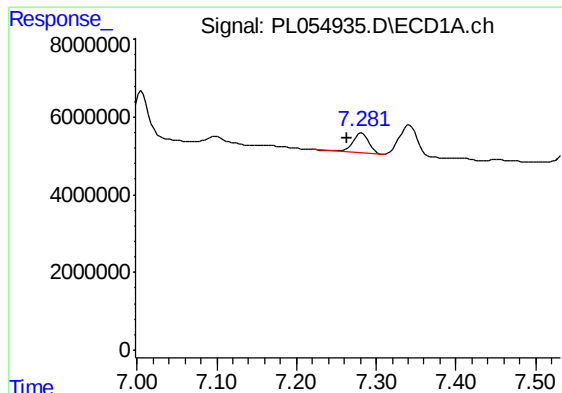
#20 Methoxychlor

R.T.: 7.006 min  
Delta R.T.: -0.018 min  
Response: 14163929  
Conc: 2.83 ng/ml



#20 Methoxychlor

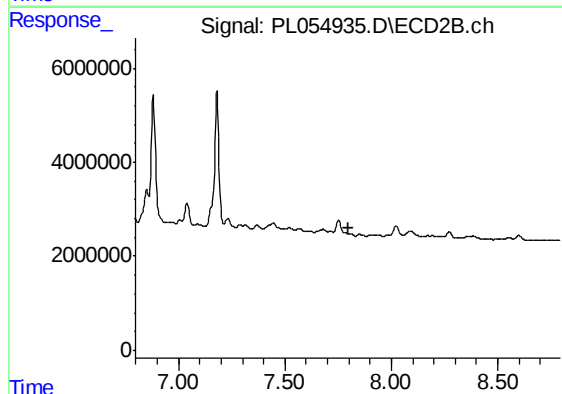
R.T.: 0.000 min  
Exp R.T. : 7.645 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

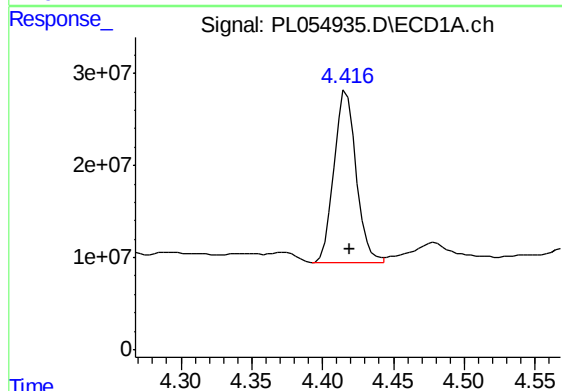
R.T.: 7.282 min  
Delta R.T.: 0.019 min  
Response: 6665114  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



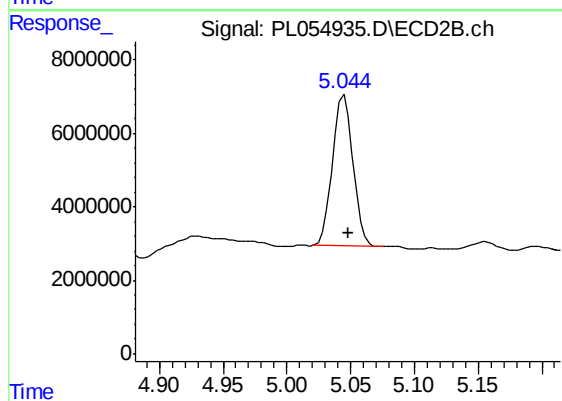
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.796 min  
Response: 0  
Conc: N.D.



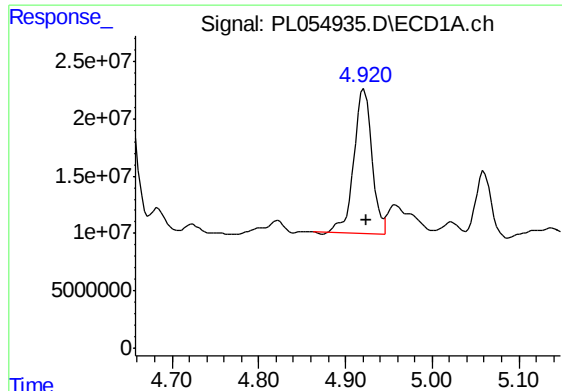
#23 Chlordane-1

R.T.: 4.417 min  
Delta R.T.: -0.003 min  
Response: 204585268  
Conc: 518.42 ng/ml



#23 Chlordane-1

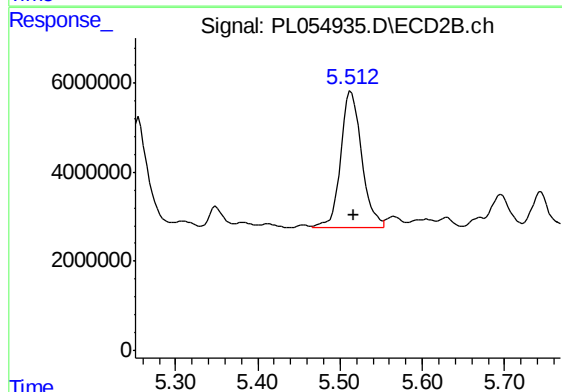
R.T.: 5.045 min  
Delta R.T.: -0.004 min  
Response: 46058037  
Conc: 577.79 ng/ml



#24 Chlordane-2

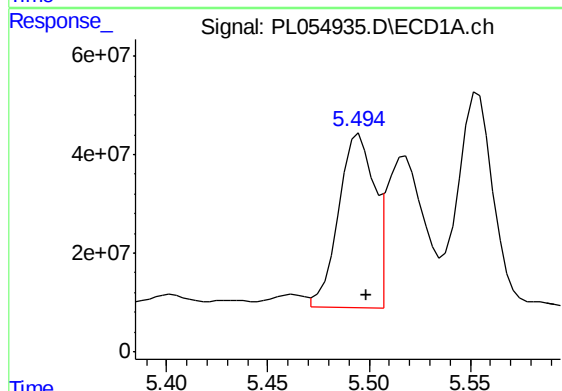
R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 180462601  
Conc: 415.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



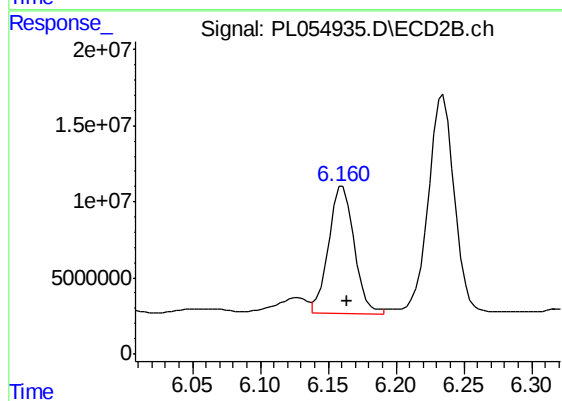
#24 Chlordane-2

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 54591634  
Conc: 609.12 ng/ml



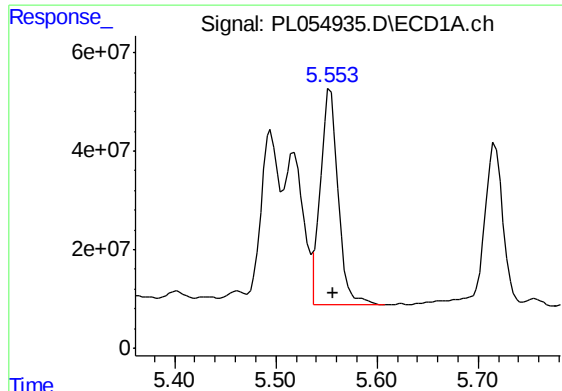
#25 Chlordane-3

R.T.: 5.495 min  
Delta R.T.: -0.003 min  
Response: 428266179  
Conc: 333.51 ng/ml



#25 Chlordane-3

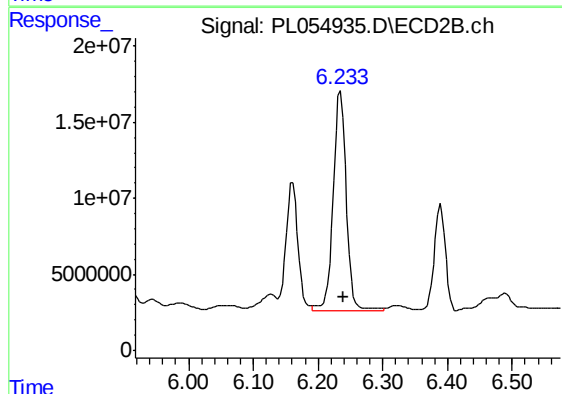
R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 109150100  
Conc: 351.64 ng/ml



#26 Chlordane-4

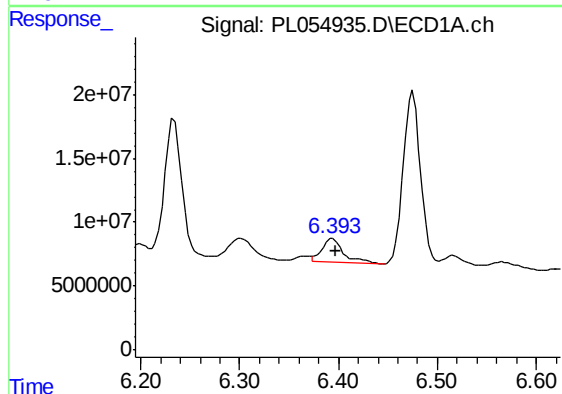
R.T.: 5.554 min  
Delta R.T.: -0.002 min  
Response: 547513504  
Conc: 518.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



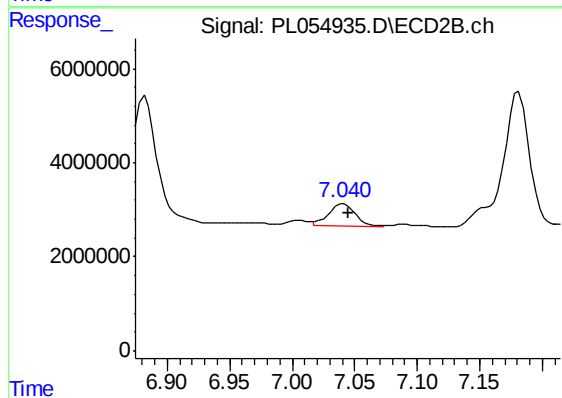
#26 Chlordane-4

R.T.: 6.235 min  
Delta R.T.: -0.004 min  
Response: 198737830  
Conc: 528.15 ng/ml



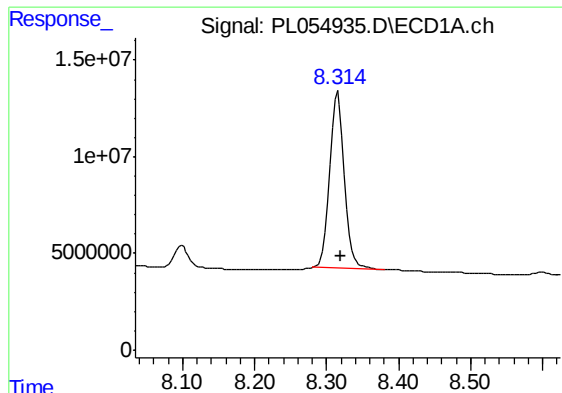
#27 Chlordane-5

R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 28763498  
Conc: 76.40 ng/ml



#27 Chlordane-5

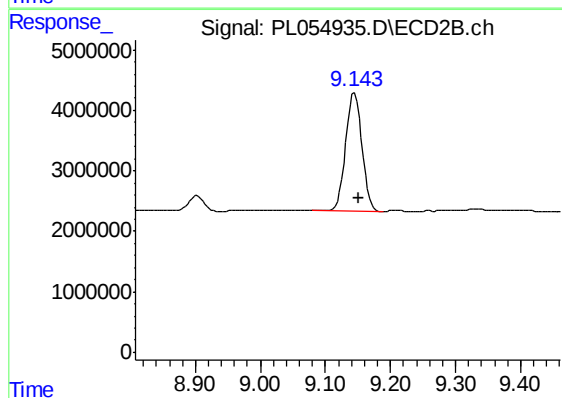
R.T.: 7.041 min  
Delta R.T.: -0.004 min  
Response: 7229414  
Conc: 107.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.316 min  
Delta R.T.: -0.004 min  
Response: 130175448  
Conc: 13.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
K072-AA-WC-1



#28 Decachlorobiphenyl

R.T.: 9.145 min  
Delta R.T.: -0.007 min  
Response: 34185429  
Conc: 14.26 ng/ml