

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121720\  
 Data File : PL063675.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2020 18:02  
 Operator : DD\AJ  
 Sample : L5113-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SS1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 18 01:09:23 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121620.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 17 09:38:50 2020  
 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... | 3.479  | 4.147  | 17025636 | 26934235 | 8.370   | 8.444     |
| 28)                         | SA Decachlor... | 8.224  | 9.335  | 17838269 | 20269820 | 8.165   | 7.566     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.576f | 0        | 745577   | N.D.    | 0.159 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.863f | 0        | 1578564  | N.D.    | 0.362 #   |
| 4)                          | MA Heptachlor   | 4.508  | 5.360  | 3220548  | 12824521 | 1.040   | 3.037 #   |
| 5)                          | MB Aldrin       | 4.751  | 5.693f | 1162617  | 35779209 | 0.405   | 9.338 #   |
| 6)                          | B beta-BHC      | 4.462  | 5.037f | 3408982  | 14853015 | 2.648   | 5.472 #   |
| 7)                          | B delta-BHC     | 4.674f | 5.261f | 2794297  | 17600502 | 0.910   | 4.371 #   |
| 8)                          | B Heptachlo...  | 0.000  | 6.053  | 0        | 40524588 | N.D.    | 11.118 #  |
| 9)                          | A Endosulfan I  | 5.543  | 0.000  | 11289219 | 0        | 4.359   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.439f | 6.306  | 25704627 | 19414254 | 9.251   | 5.399 #   |
| 11)                         | B alpha-Chl...  | 5.474  | 6.374  | 13765660 | 38333856 | 4.987   | 11.007 #  |
| 12)                         | B 4,4'-DDE      | 5.640  | 6.531  | 11890827 | 27984758 | 4.836   | 8.668 #   |
| 13)                         | MA Dieldrin     | 5.763  | 6.671f | 9835993  | 6331499  | 3.743   | 1.830 #   |
| 14)                         | MA Endrin       | 6.028  | 6.896f | 7108301  | 2287901  | 3.010   | 0.863 #   |
| 15)                         | B Endosulfa...  | 0.000  | 7.155f | 0        | 3685584  | N.D.    | 1.261 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 7.031  | 0        | 7462910  | N.D.    | 2.759 #   |
| 17)                         | MA 4,4'-DDT     | 6.391  | 7.329  | 16060270 | 11101084 | 8.275   | 4.567 #   |
| 19)                         | B Endosulfa...  | 6.676  | 0.000  | 1957421  | 0        | 0.846   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.920f | 0.000  | 2723803  | 0        | 2.370   | N.D. #    |
| 23)                         | Chlordane-1     | 4.349  | 5.168  | 7317637  | 10029864 | 97.331  | 86.329    |
| 24)                         | Chlordane-2     | 0.000  | 5.644  | 0        | 51235384 | N.D.    | 411.090 # |
| 25)                         | Chlordane-3     | 5.439f | 6.306  | 25704627 | 19414254 | 104.492 | 41.992 #  |
| 26)                         | Chlordane-4     | 5.474  | 6.374  | 13765660 | 38333856 | 67.855  | 69.923    |
| -----                       |                 |        |        |          |          |         |           |

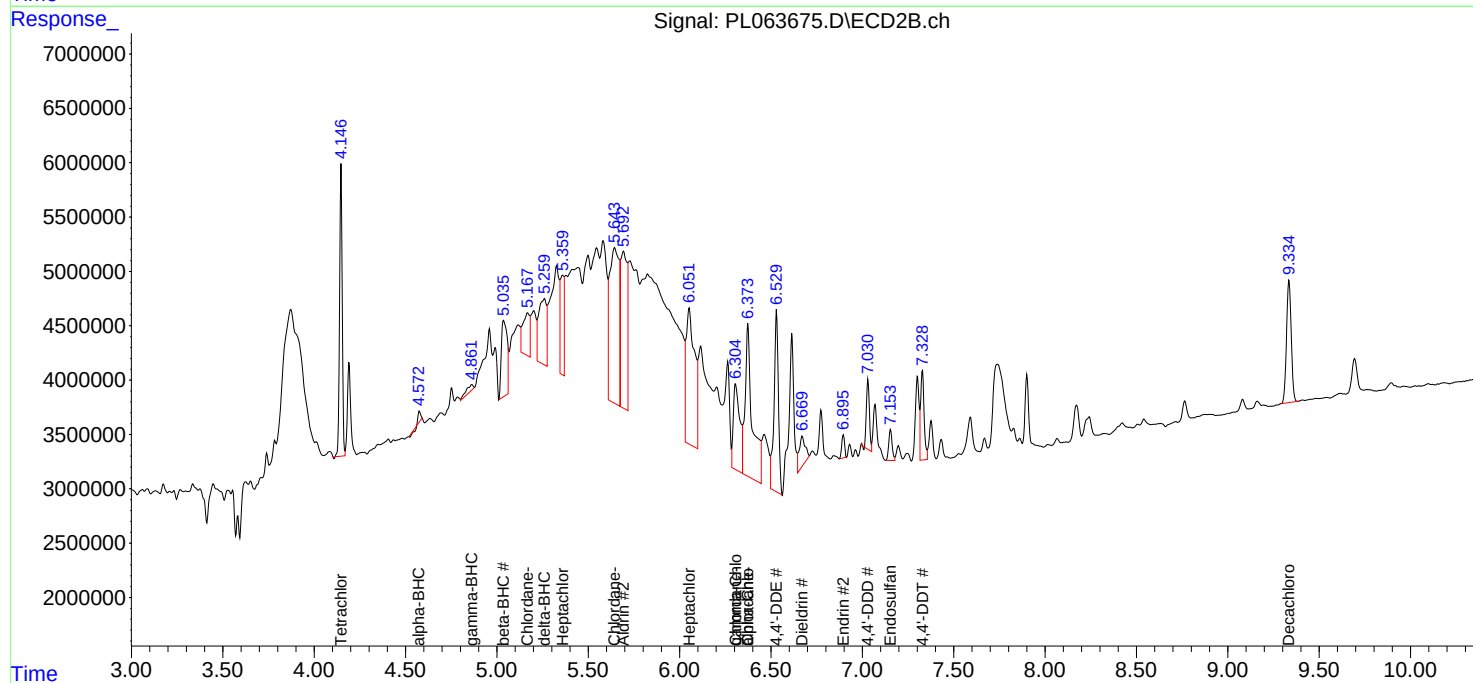
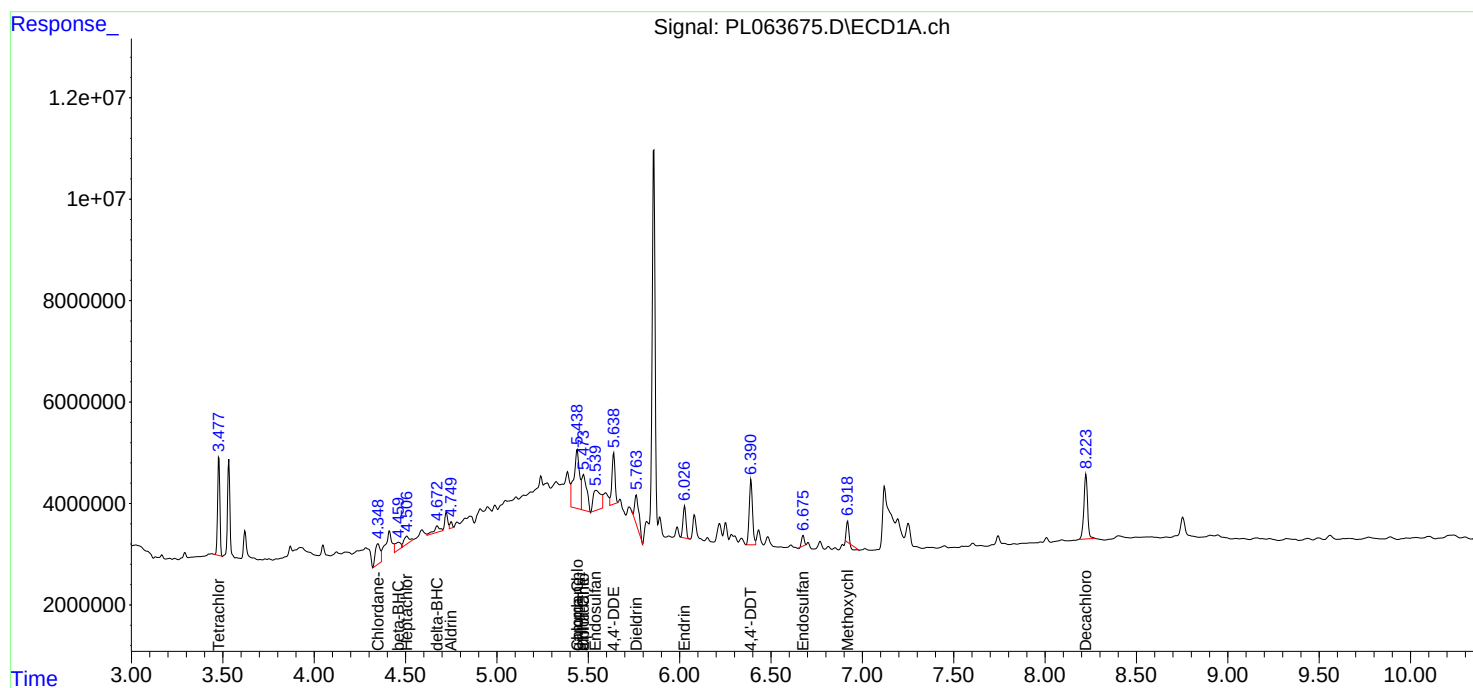
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

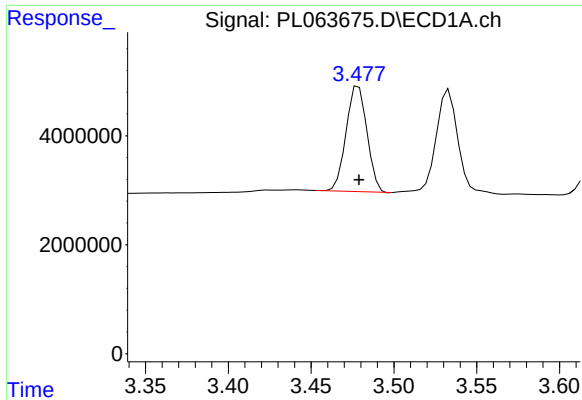
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121720\  
Data File : PL063675.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2020 18:02  
Operator : DD\AJ  
Sample : L5113-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SS1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 18 01:09:23 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121620.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 17 09:38:50 2020  
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

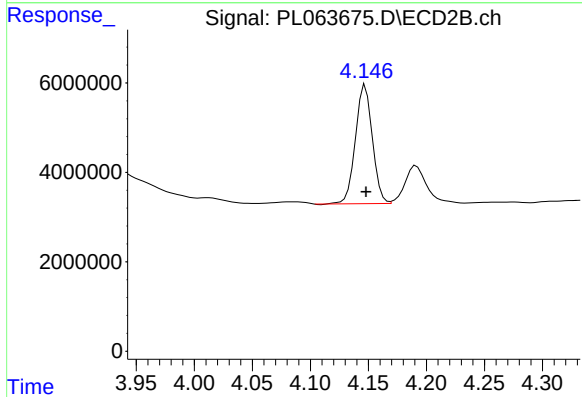




#1 Tetrachloro-m-xylene

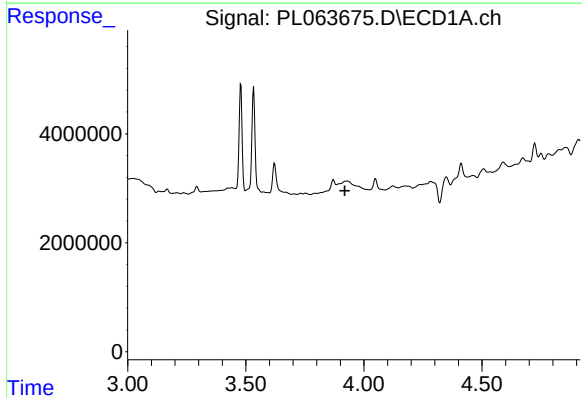
R.T.: 3.479 min  
Delta R.T.: 0.000 min  
Response: 17025636  
Conc: 8.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



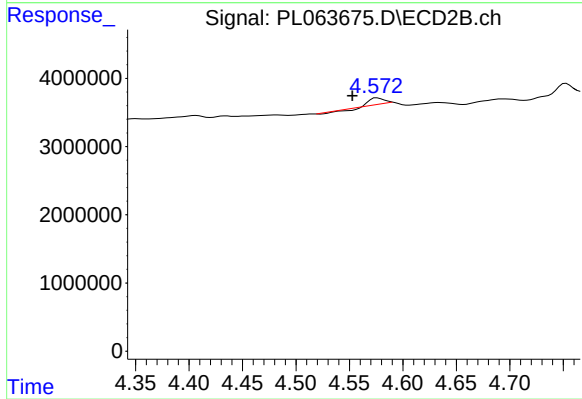
#1 Tetrachloro-m-xylene

R.T.: 4.147 min  
Delta R.T.: 0.000 min  
Response: 26934235  
Conc: 8.44 ng/ml



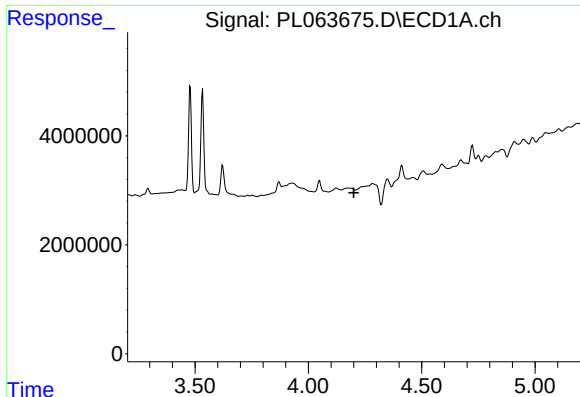
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.918 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

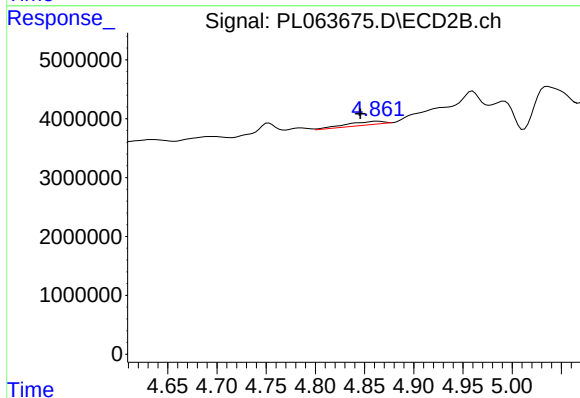
R.T.: 4.576 min  
Delta R.T.: 0.023 min  
Response: 745577  
Conc: 0.16 ng/ml



#3 gamma-BHC (Lindane)

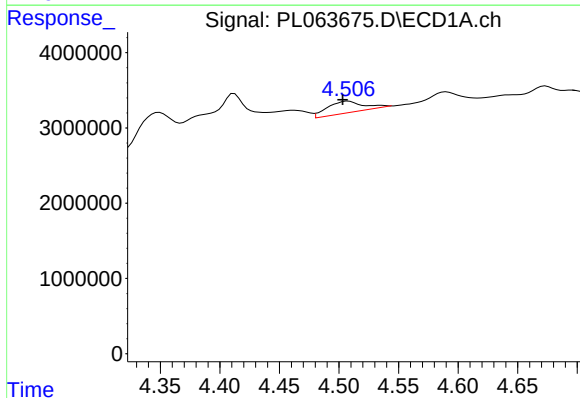
R.T.: 0.000 min  
Exp R.T.: 4.200 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



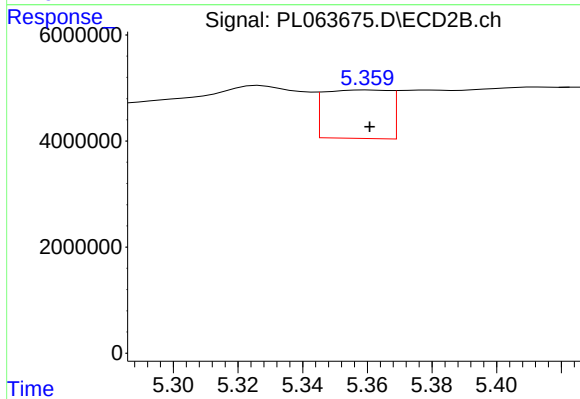
#3 gamma-BHC (Lindane)

R.T.: 4.863 min  
Delta R.T.: 0.017 min  
Response: 1578564  
Conc: 0.36 ng/ml



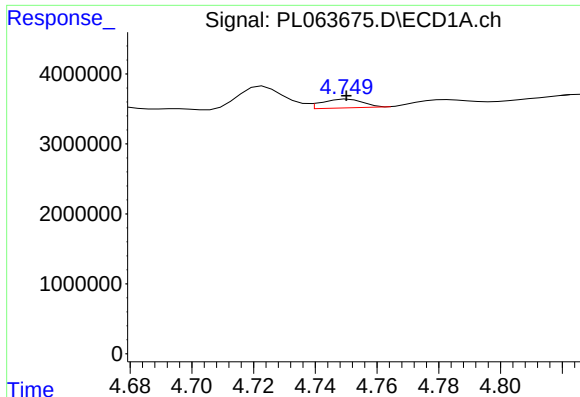
#4 Heptachlor

R.T.: 4.508 min  
Delta R.T.: 0.005 min  
Response: 3220548  
Conc: 1.04 ng/ml



#4 Heptachlor

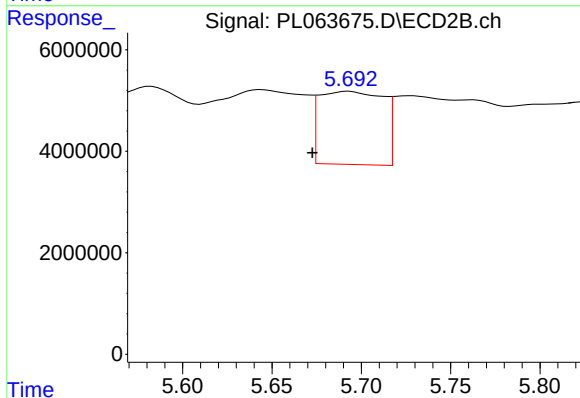
R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 12824521  
Conc: 3.04 ng/ml



#5 Aldrin

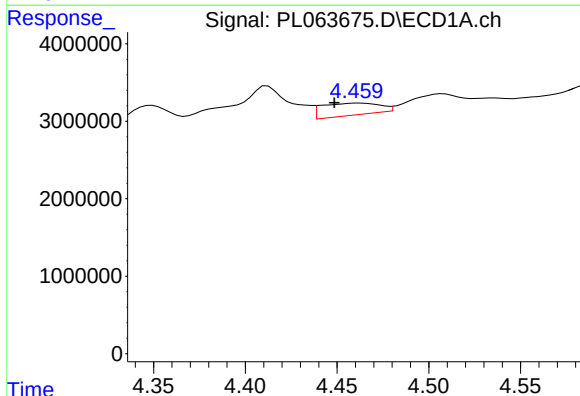
R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 1162617  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



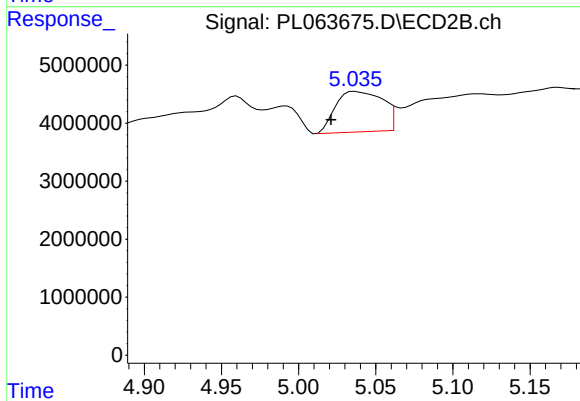
#5 Aldrin

R.T.: 5.693 min  
Delta R.T.: 0.021 min  
Response: 35779209  
Conc: 9.34 ng/ml



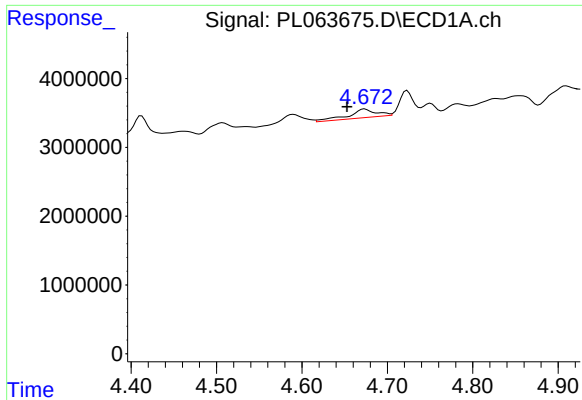
#6 beta-BHC

R.T.: 4.462 min  
Delta R.T.: 0.014 min  
Response: 3408982  
Conc: 2.65 ng/ml



#6 beta-BHC

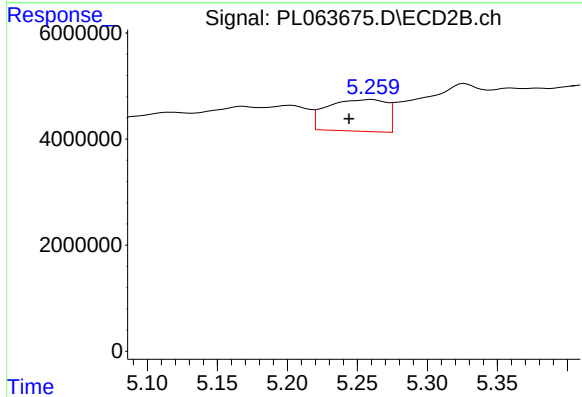
R.T.: 5.037 min  
Delta R.T.: 0.016 min  
Response: 14853015  
Conc: 5.47 ng/ml



#7 delta-BHC

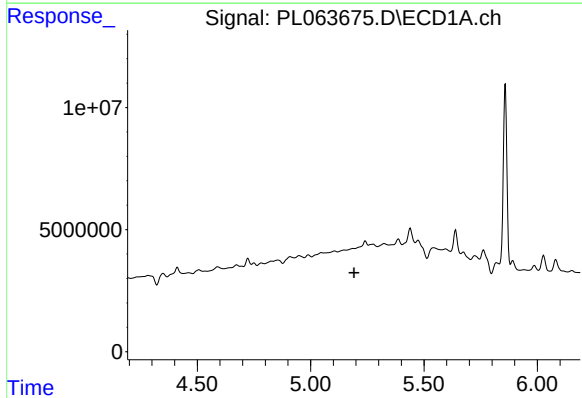
R.T.: 4.674 min  
Delta R.T.: 0.021 min  
Response: 2794297  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



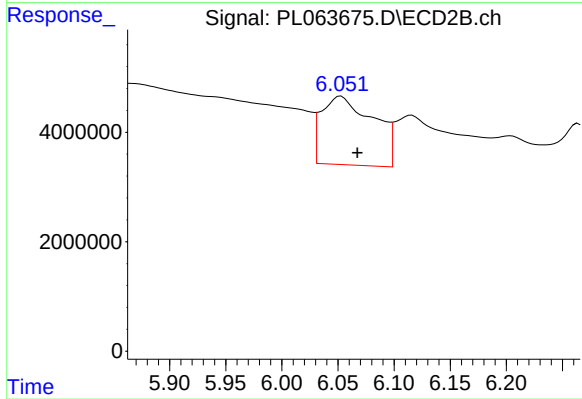
#7 delta-BHC

R.T.: 5.261 min  
Delta R.T.: 0.017 min  
Response: 17600502  
Conc: 4.37 ng/ml



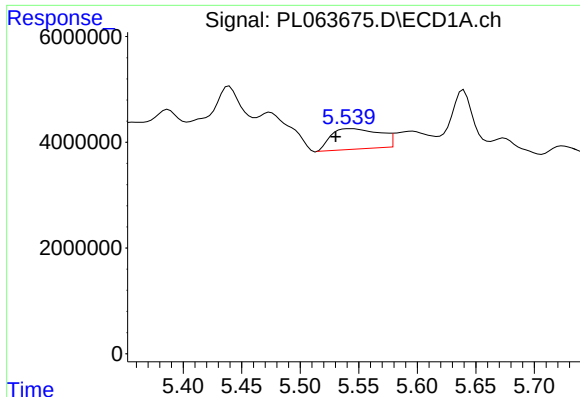
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.192 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

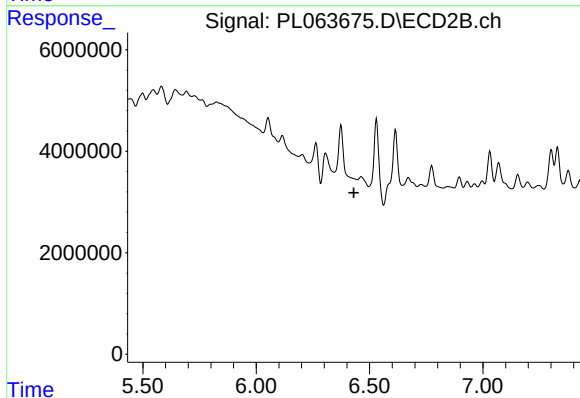
R.T.: 6.053 min  
Delta R.T.: -0.015 min  
Response: 40524588  
Conc: 11.12 ng/ml



#9 Endosulfan I

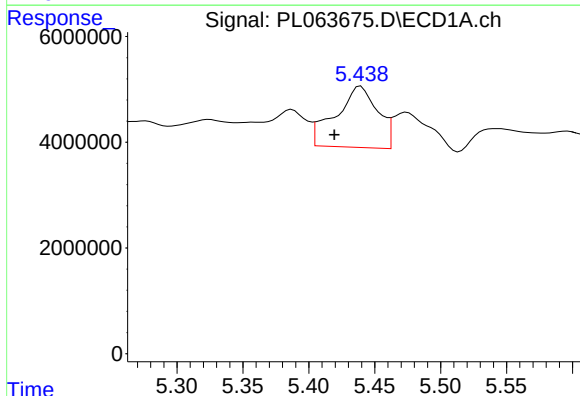
R.T.: 5.543 min  
Delta R.T.: 0.013 min  
Response: 11289219  
Conc: 4.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



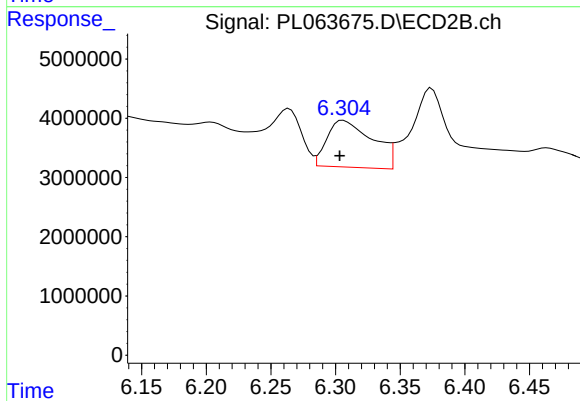
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.431 min  
Response: 0  
Conc: N.D.



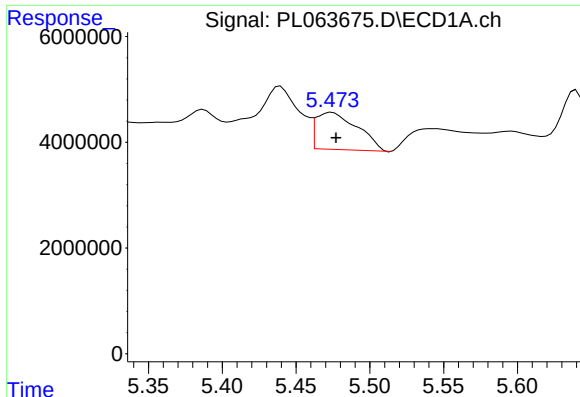
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.020 min  
Response: 25704627  
Conc: 9.25 ng/ml



#10 gamma-Chlordane

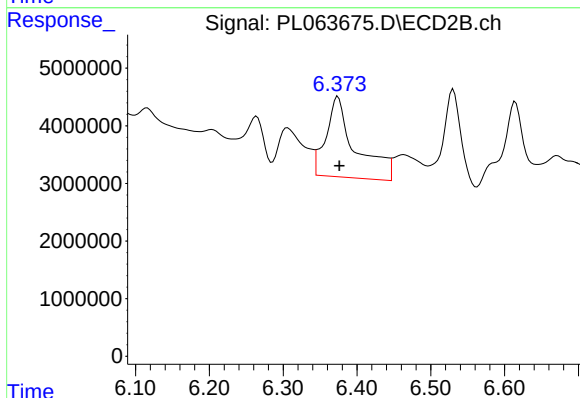
R.T.: 6.306 min  
Delta R.T.: 0.003 min  
Response: 19414254  
Conc: 5.40 ng/ml



#11 alpha-Chlordane

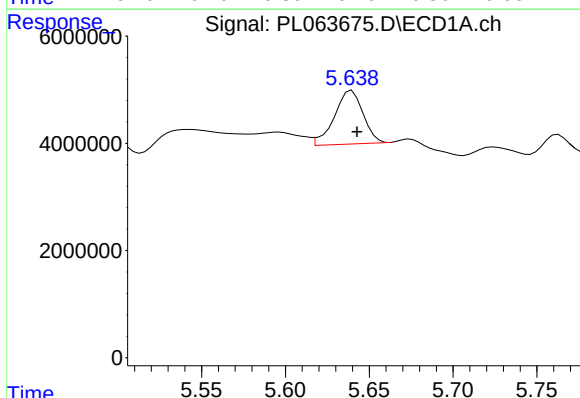
R.T.: 5.474 min  
Delta R.T.: -0.003 min  
Response: 13765660  
Conc: 4.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



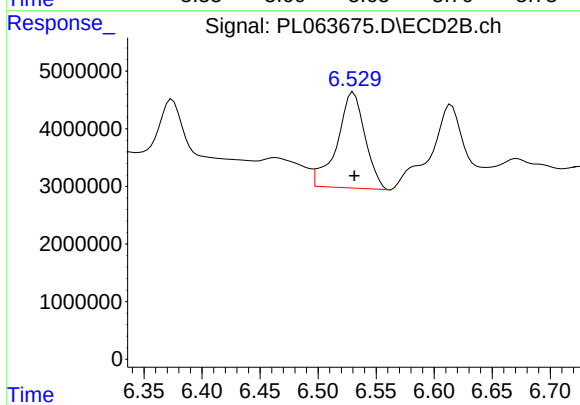
#11 alpha-Chlordane

R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 38333856  
Conc: 11.01 ng/ml



#12 4,4'-DDE

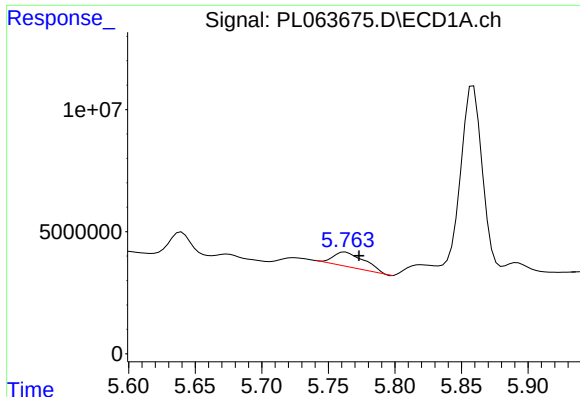
R.T.: 5.640 min  
Delta R.T.: -0.003 min  
Response: 11890827  
Conc: 4.84 ng/ml



#12 4,4'-DDE

R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 27984758  
Conc: 8.67 ng/ml

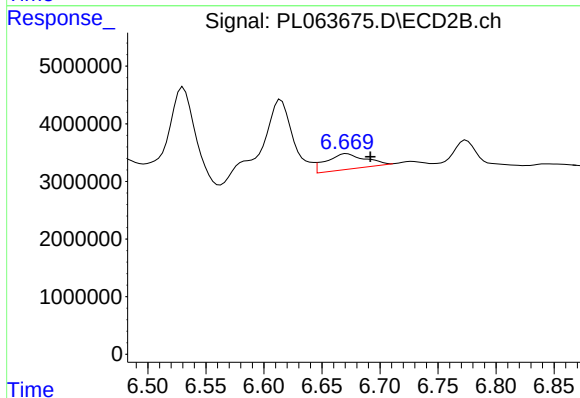




#13 Dieldrin

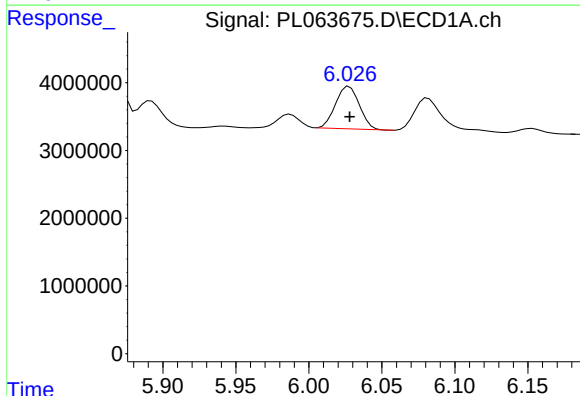
R.T.: 5.763 min  
Delta R.T.: -0.010 min  
Response: 9835993  
Conc: 3.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



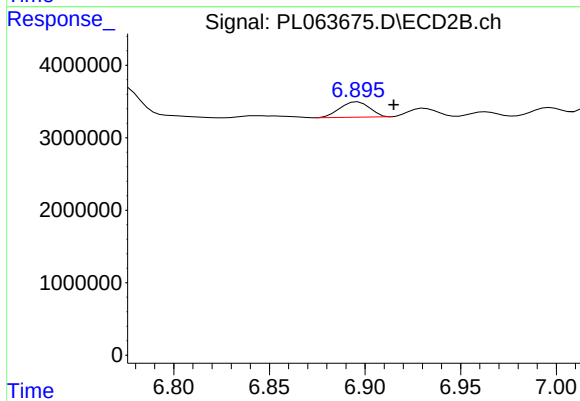
#13 Dieldrin

R.T.: 6.671 min  
Delta R.T.: -0.021 min  
Response: 6331499  
Conc: 1.83 ng/ml



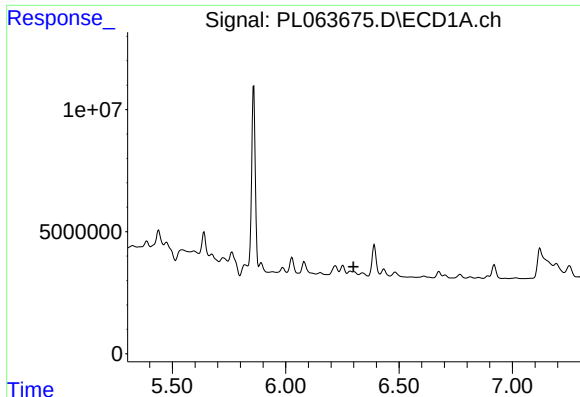
#14 Endrin

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 7108301  
Conc: 3.01 ng/ml



#14 Endrin

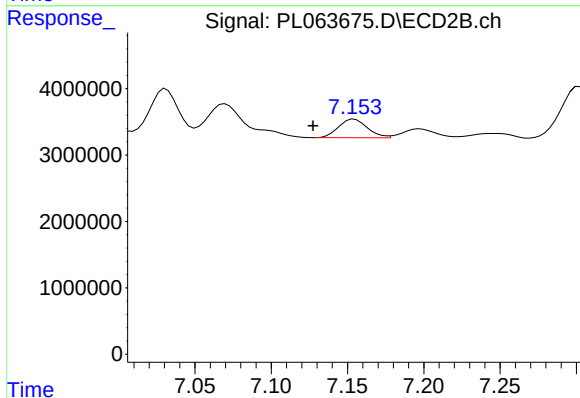
R.T.: 6.896 min  
Delta R.T.: -0.019 min  
Response: 2287901  
Conc: 0.86 ng/ml



#15 Endosulfan II

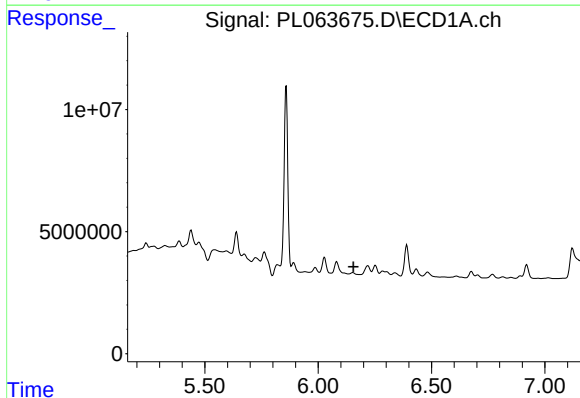
R.T.: 0.000 min  
Exp R.T.: 6.300 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



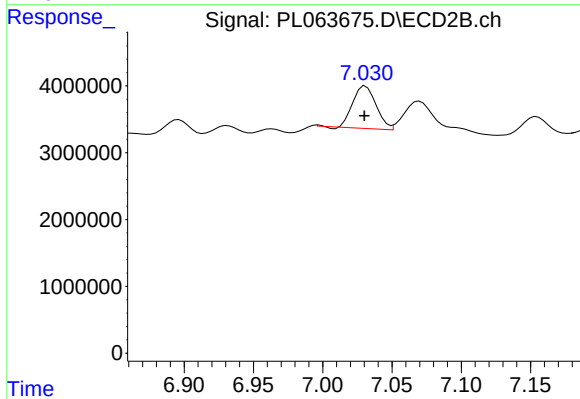
#15 Endosulfan II

R.T.: 7.155 min  
Delta R.T.: 0.027 min  
Response: 3685584  
Conc: 1.26 ng/ml



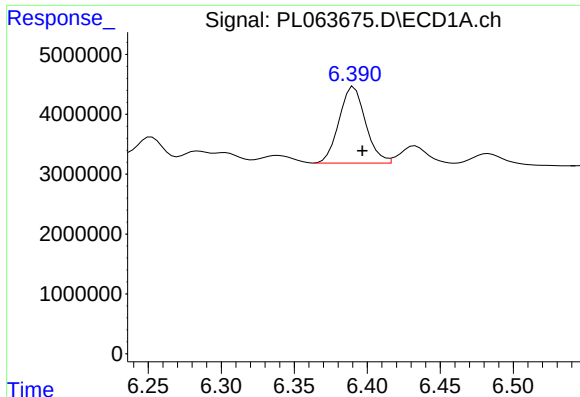
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.156 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

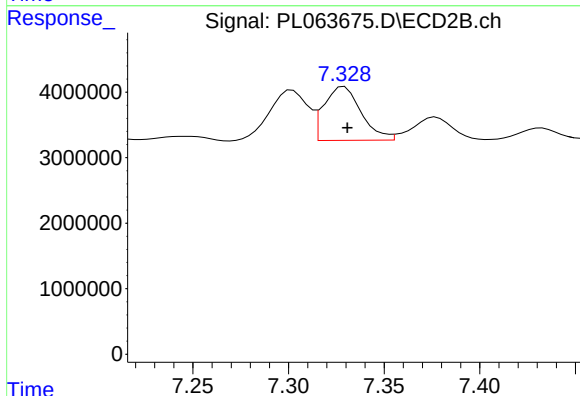
R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 7462910  
Conc: 2.76 ng/ml



#17 4,4'-DDT

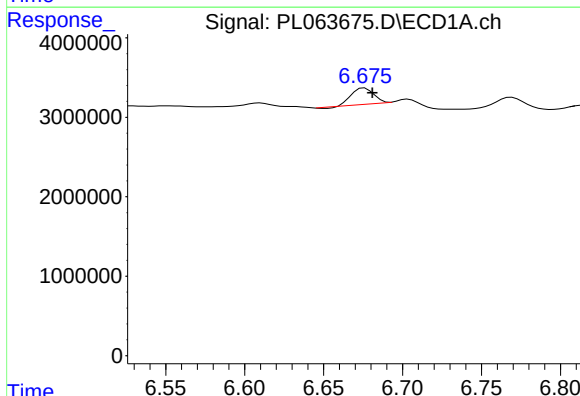
R.T.: 6.391 min  
Delta R.T.: -0.006 min  
Response: 16060270  
Conc: 8.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



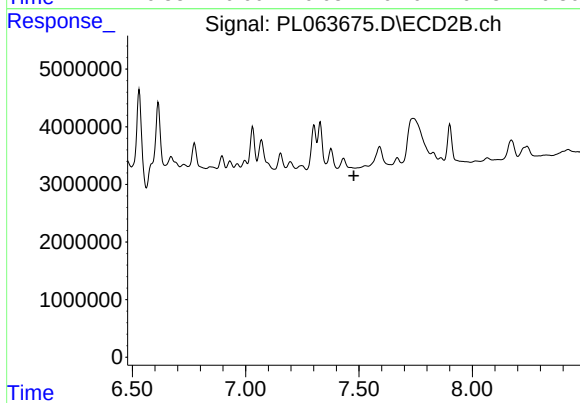
#17 4,4'-DDT

R.T.: 7.329 min  
Delta R.T.: -0.002 min  
Response: 11101084  
Conc: 4.57 ng/ml



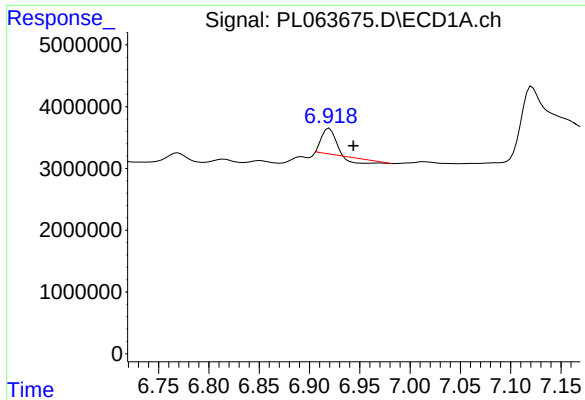
#19 Endosulfan Sulfate

R.T.: 6.676 min  
Delta R.T.: -0.005 min  
Response: 1957421  
Conc: 0.85 ng/ml



#19 Endosulfan Sulfate

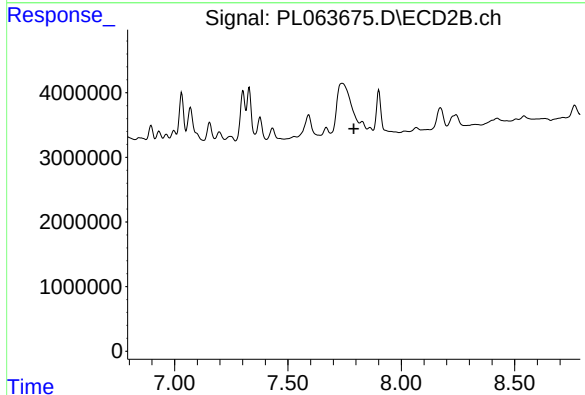
R.T.: 0.000 min  
Exp R.T.: 7.477 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

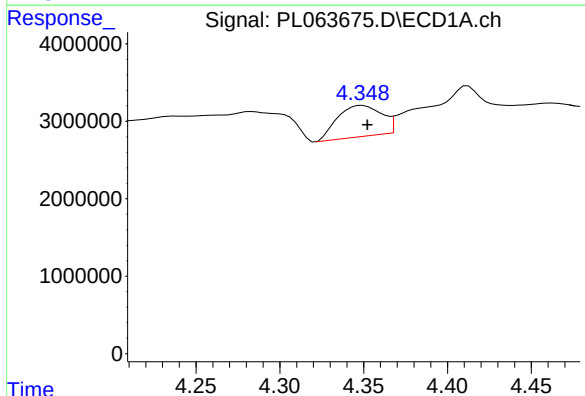
R.T.: 6.920 min  
Delta R.T.: -0.024 min  
Response: 2723803  
Conc: 2.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



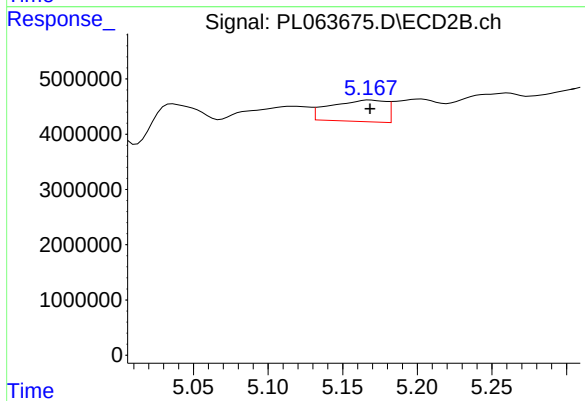
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.790 min  
Response: 0  
Conc: N.D.



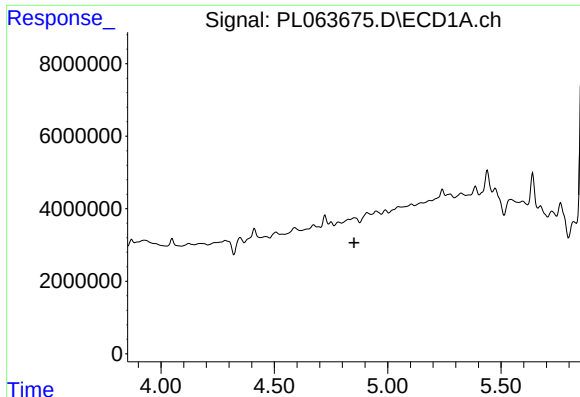
#23 Chlordane-1

R.T.: 4.349 min  
Delta R.T.: -0.003 min  
Response: 7317637  
Conc: 97.33 ng/ml



#23 Chlordane-1

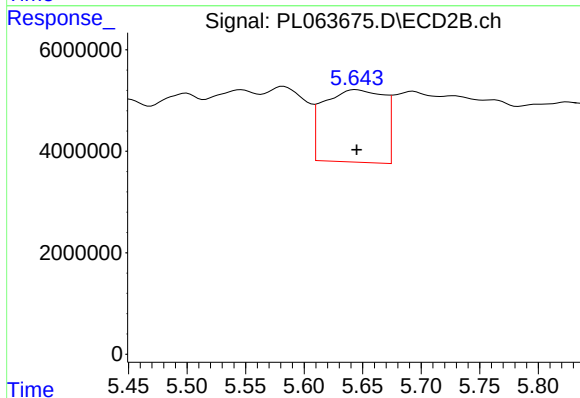
R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 10029864  
Conc: 86.33 ng/ml



#24 Chlordane-2

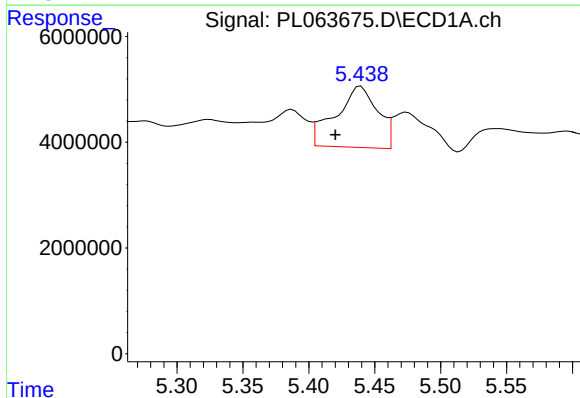
R.T.: 0.000 min  
Exp R.T.: 4.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



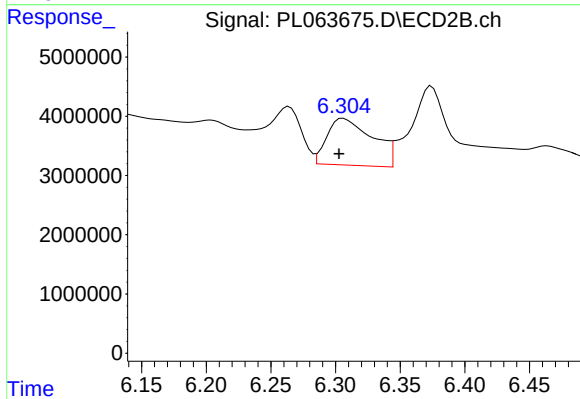
#24 Chlordane-2

R.T.: 5.644 min  
Delta R.T.: 0.000 min  
Response: 51235384  
Conc: 411.09 ng/ml



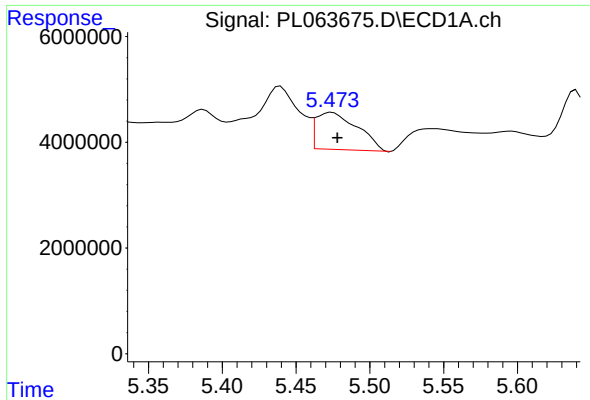
#25 Chlordane-3

R.T.: 5.439 min  
Delta R.T.: 0.019 min  
Response: 25704627  
Conc: 104.49 ng/ml



#25 Chlordane-3

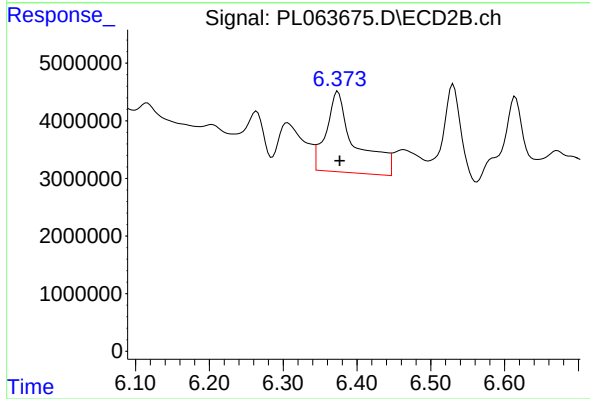
R.T.: 6.306 min  
Delta R.T.: 0.003 min  
Response: 19414254  
Conc: 41.99 ng/ml



#26 Chlordane-4

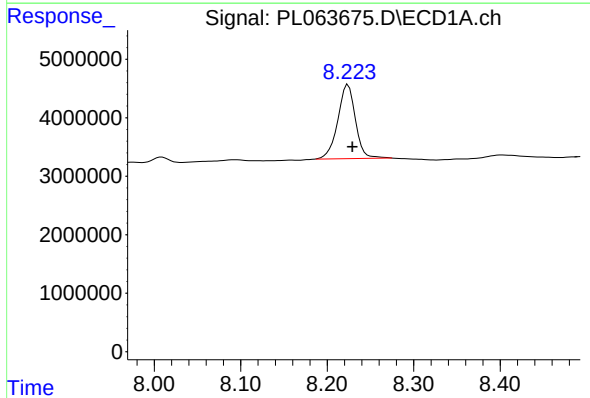
R.T.: 5.474 min  
Delta R.T.: -0.004 min  
Response: 13765660  
Conc: 67.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SS1



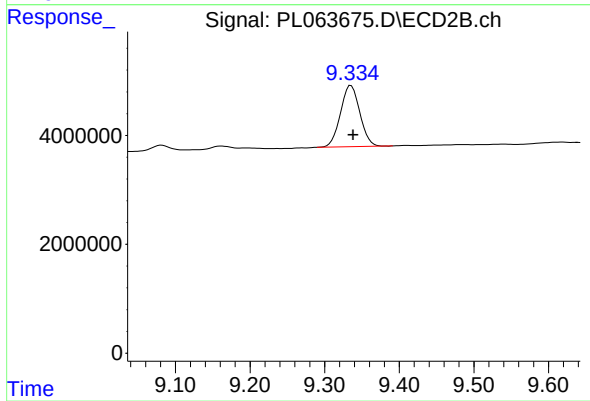
#26 Chlordane-4

R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 38333856  
Conc: 69.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.224 min  
Delta R.T.: -0.005 min  
Response: 17838269  
Conc: 8.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.335 min  
Delta R.T.: -0.002 min  
Response: 20269820  
Conc: 7.57 ng/ml