

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033121\  
 Data File : PL065725.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2021 18:06  
 Operator : AR\AJ  
 Sample : M1836-12  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 B5-19-21

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 02:42:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.280  | 3.781  | 32735565 | 37091801 | 12.566  | 13.513   |
| 28)                         | SA Decachlor... | 7.914  | 8.728  | 31988436 | 32300415 | 13.812  | 14.327   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.178  | 0        | 940782   | N.D.    | 0.232 #  |
| 4)                          | MA Heptachlor   | 4.280f | 4.956f | 337817   | 2192633  | 0.094   | 0.621 #  |
| 5)                          | MB Aldrin       | 4.497  | 5.227  | 25802161 | 23979497 | 7.557   | 7.263    |
| 6)                          | B beta-BHC      | 4.240  | 4.634  | 635991   | 10410967 | 0.399   | 5.977 #  |
| 7)                          | B delta-BHC     | 4.423  | 0.000  | 1511924  | 0        | 0.420   | N.D. #   |
| 8)                          | B Heptachlo...  | 4.929  | 5.615  | 6944019  | 24791991 | 2.208   | 7.984 #  |
| 9)                          | A Endosulfan I  | 5.271f | 0.000  | 2599707  | 0        | 0.902   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.150  | 5.845  | 6470049  | 190904   | 2.056   | 0.064 #  |
| 11)                         | B alpha-Chl...  | 5.207  | 5.915  | 9026466  | 3853913  | 2.901   | 1.302 #  |
| 12)                         | B 4,4'-DDE      | 5.372  | 6.074  | 5909908  | 3409494  | 2.142   | 1.305 #  |
| 13)                         | MA Dieldrin     | 5.493  | 0.000  | 5611348  | 0        | 1.921   | N.D. #   |
| 14)                         | MA Endrin       | 5.754  | 0.000  | 645028   | 0        | 0.239   | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 6.625f | 0        | 914662   | N.D.    | 0.387 #  |
| 16)                         | A 4,4'-DDD      | 5.879  | 6.566  | 3276116  | 1125682  | 1.444   | 0.534 #  |
| 18)                         | B Endrin al...  | 6.192  | 0.000  | 1114514  | 0        | 0.589   | N.D. #   |
| 19)                         | B Endosulfa...  | 6.403  | 0.000  | 2114192  | 0        | 0.819   | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.305f | 0        | 1254452  | N.D.    | 0.990 #  |
| 21)                         | B Endrin ke...  | 6.855f | 7.488f | 1915251  | 1075310  | 0.698   | 0.418 #  |
| 23)                         | Chlordane-1     | 4.113  | 0.000  | 10056967 | 0        | 111.462 | N.D. #   |
| 24)                         | Chlordane-2     | 4.578f | 5.227f | 28608054 | 23979497 | 248.909 | 209.541  |
| 25)                         | Chlordane-3     | 5.150  | 5.845  | 6470049  | 190904   | 20.817  | 0.449 #  |
| 26)                         | Chlordane-4     | 5.207  | 5.915  | 9026466  | 3853913  | 31.615  | 7.618 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.684f | 0        | 1160138  | N.D.    | 13.914 # |
| -----                       |                 |        |        |          |          |         |          |

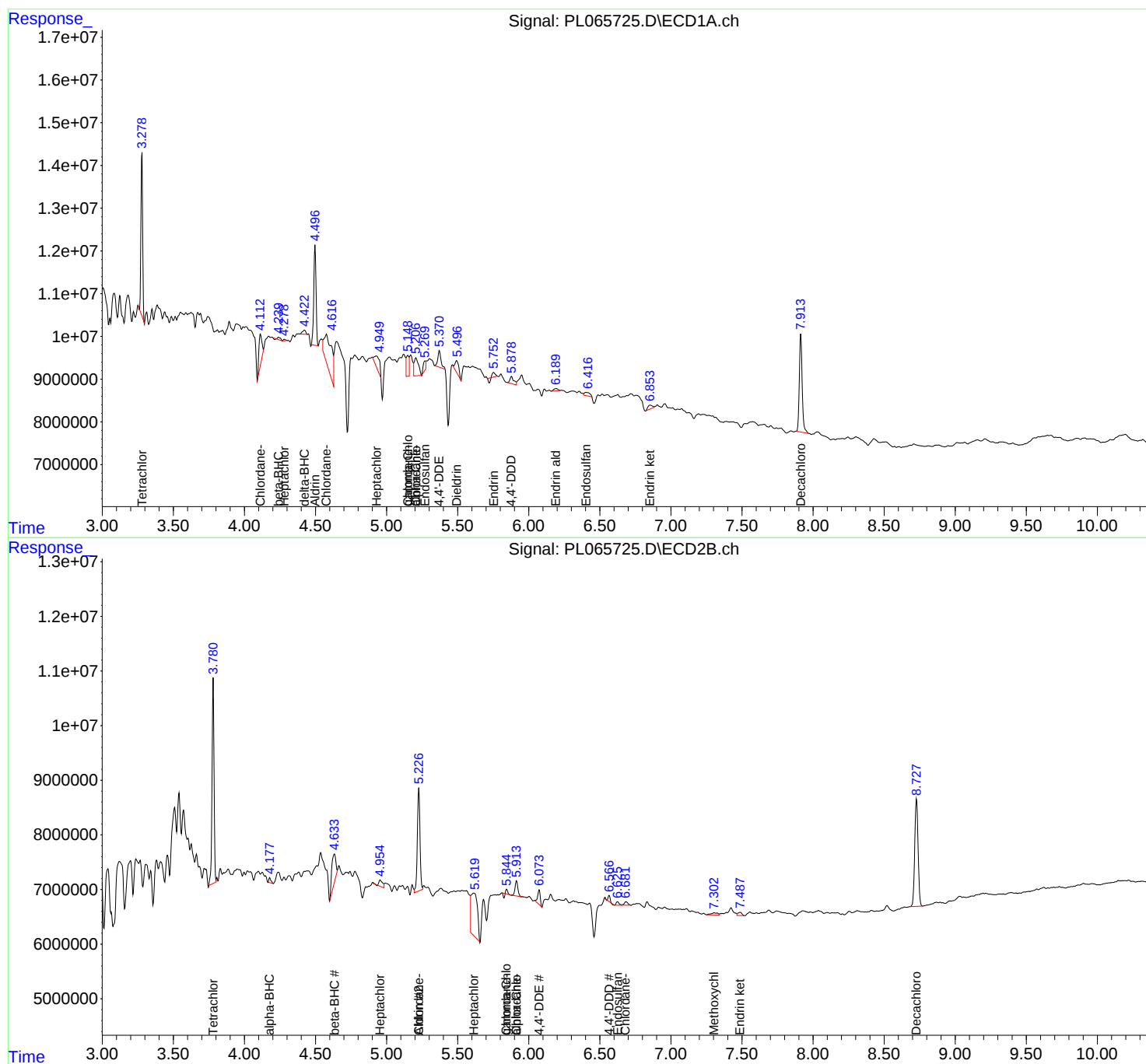
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

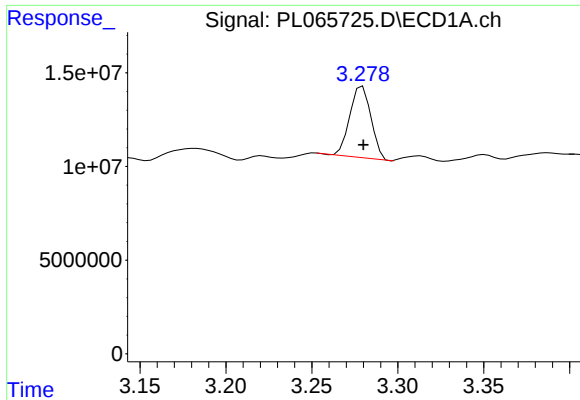
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033121\  
Data File : PL065725.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2021 18:06  
Operator : AR\AJ  
Sample : M1836-12  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
B5-19-21

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 02:42:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 31 15:57:28 2021  
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

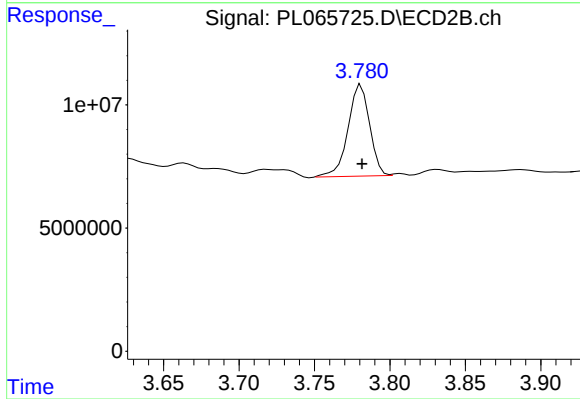




#1 Tetrachloro-m-xylene

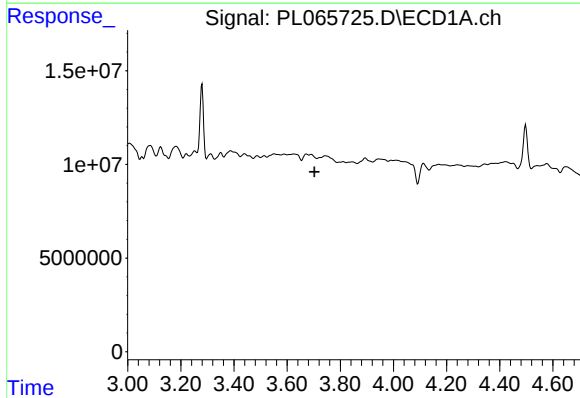
R.T.: 3.280 min  
Delta R.T.: 0.000 min  
Response: 32735565  
Conc: 12.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



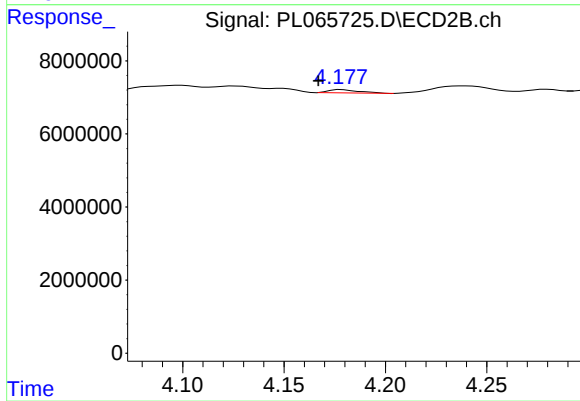
#1 Tetrachloro-m-xylene

R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 37091801  
Conc: 13.51 ng/ml



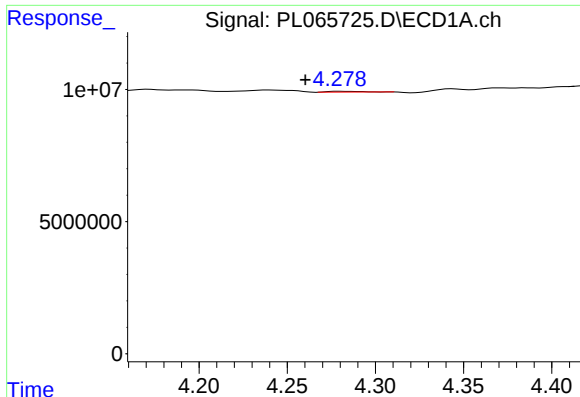
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.703 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

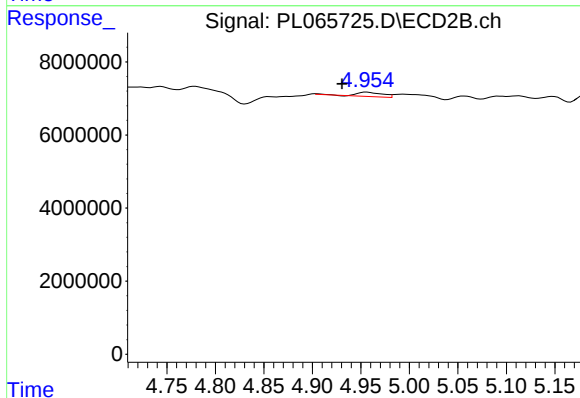
R.T.: 4.178 min  
Delta R.T.: 0.011 min  
Response: 940782  
Conc: 0.23 ng/ml



#4 Heptachlor

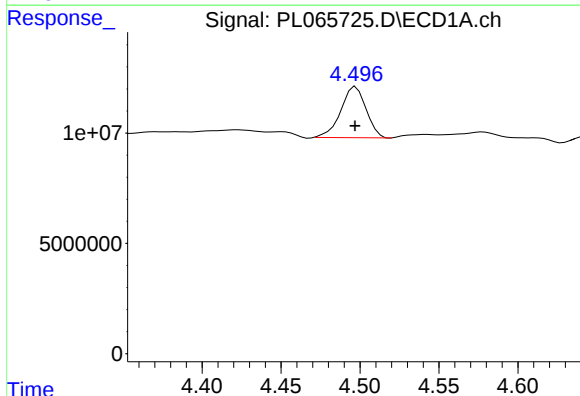
R.T.: 4.280 min  
Delta R.T.: 0.019 min  
Response: 337817  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



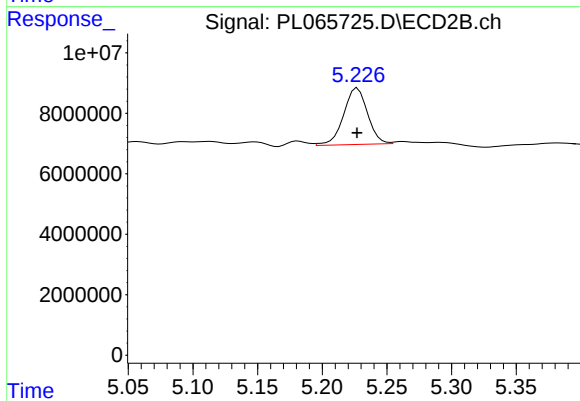
#4 Heptachlor

R.T.: 4.956 min  
Delta R.T.: 0.025 min  
Response: 2192633  
Conc: 0.62 ng/ml



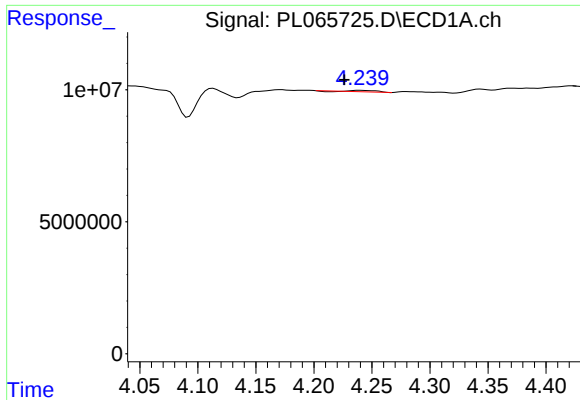
#5 Aldrin

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 25802161  
Conc: 7.56 ng/ml



#5 Aldrin

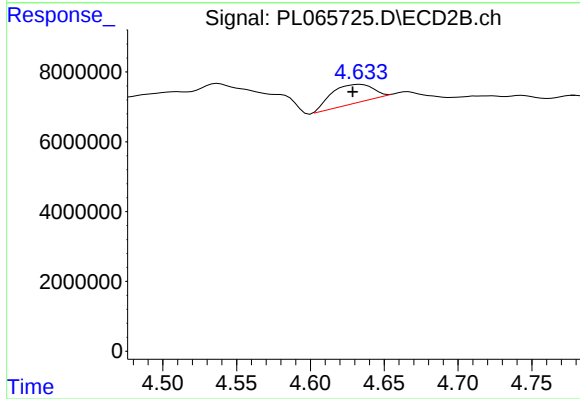
R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 23979497  
Conc: 7.26 ng/ml



#6 beta-BHC

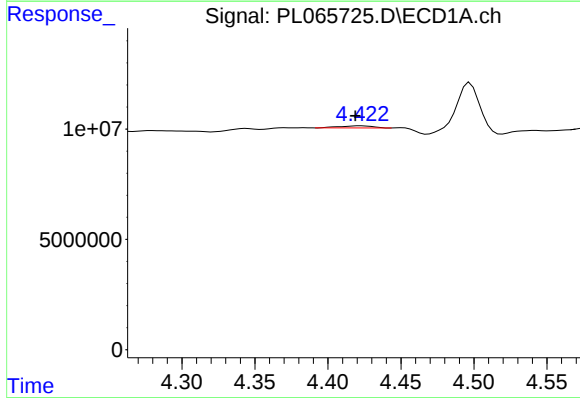
R.T.: 4.240 min  
Delta R.T.: 0.014 min  
Response: 635991  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



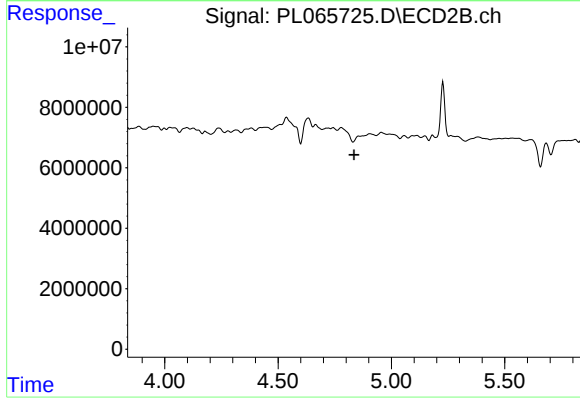
#6 beta-BHC

R.T.: 4.634 min  
Delta R.T.: 0.005 min  
Response: 10410967  
Conc: 5.98 ng/ml



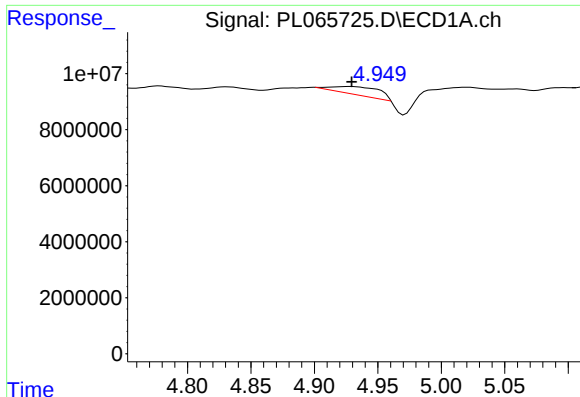
#7 delta-BHC

R.T.: 4.423 min  
Delta R.T.: 0.005 min  
Response: 1511924  
Conc: 0.42 ng/ml



#7 delta-BHC

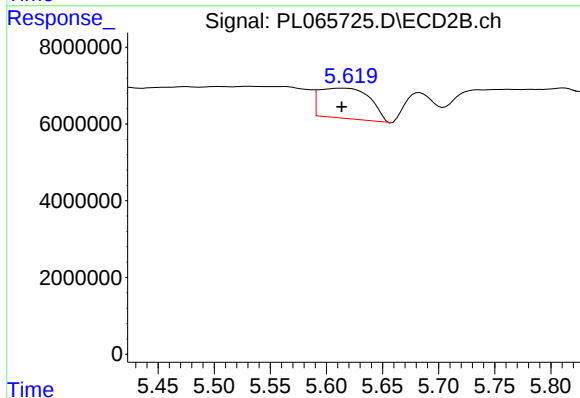
R.T.: 0.000 min  
Exp R.T.: 4.836 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

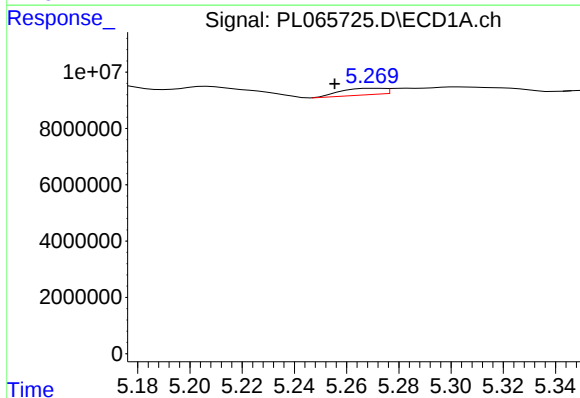
R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 6944019  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



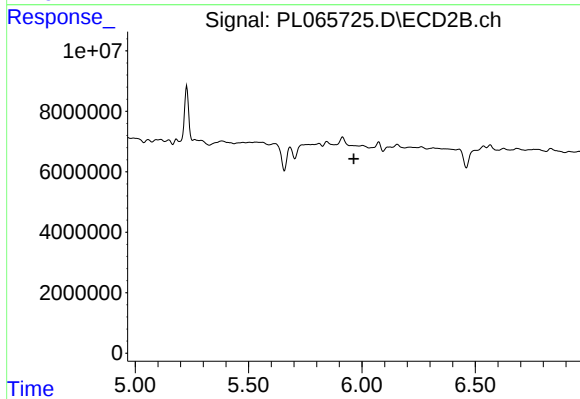
#8 Heptachlor epoxide

R.T.: 5.615 min  
Delta R.T.: 0.002 min  
Response: 24791991  
Conc: 7.98 ng/ml



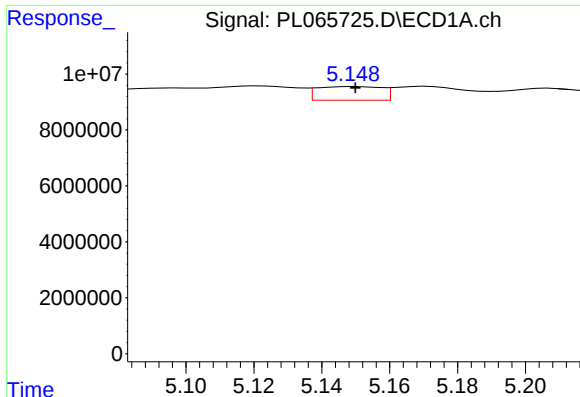
#9 Endosulfan I

R.T.: 5.271 min  
Delta R.T.: 0.015 min  
Response: 2599707  
Conc: 0.90 ng/ml



#9 Endosulfan I

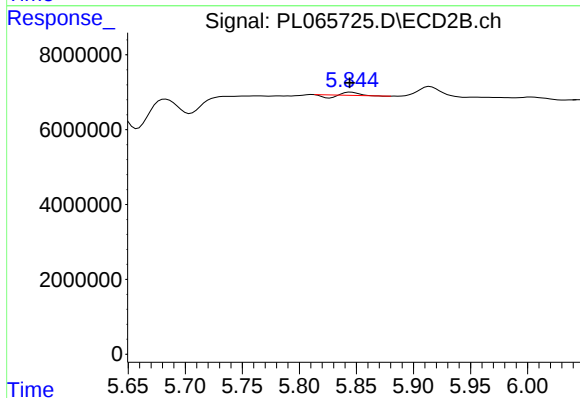
R.T.: 0.000 min  
Exp R.T.: 5.963 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

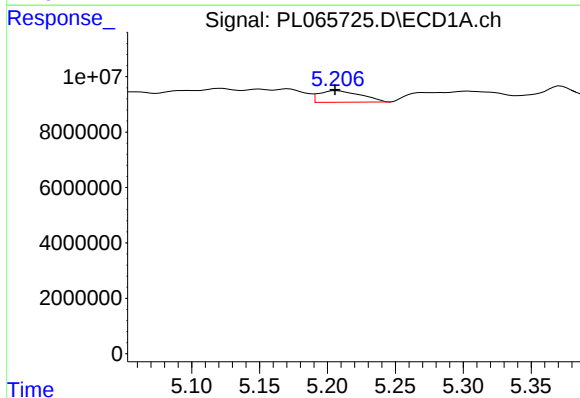
R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 6470049  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



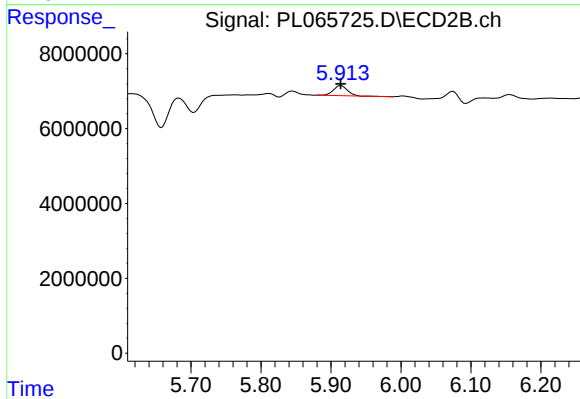
#10 gamma-Chlordane

R.T.: 5.845 min  
Delta R.T.: 0.000 min  
Response: 190904  
Conc: 0.06 ng/ml



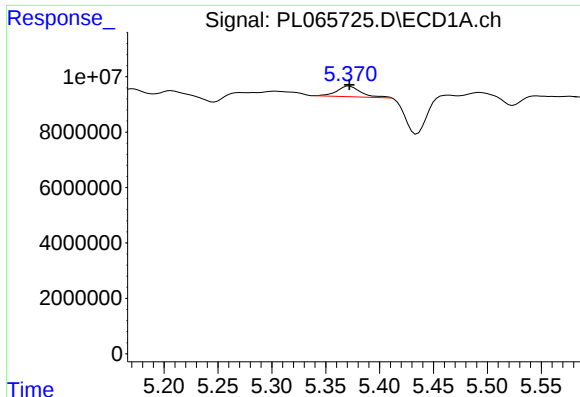
#11 alpha-Chlordane

R.T.: 5.207 min  
Delta R.T.: 0.001 min  
Response: 9026466  
Conc: 2.90 ng/ml



#11 alpha-Chlordane

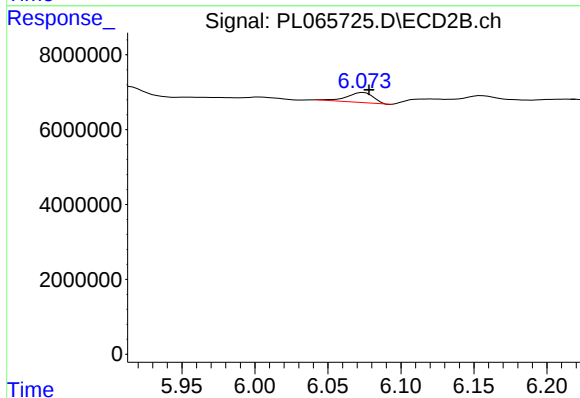
R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 3853913  
Conc: 1.30 ng/ml



#12 4,4'-DDE

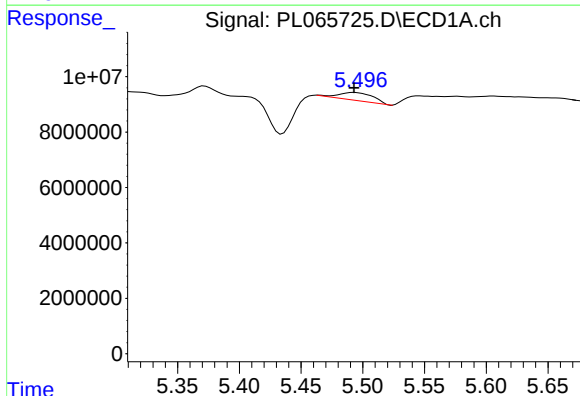
R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 5909908  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



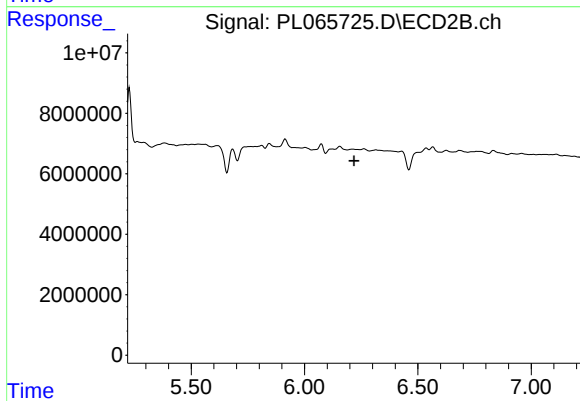
#12 4,4'-DDE

R.T.: 6.074 min  
Delta R.T.: -0.004 min  
Response: 3409494  
Conc: 1.31 ng/ml



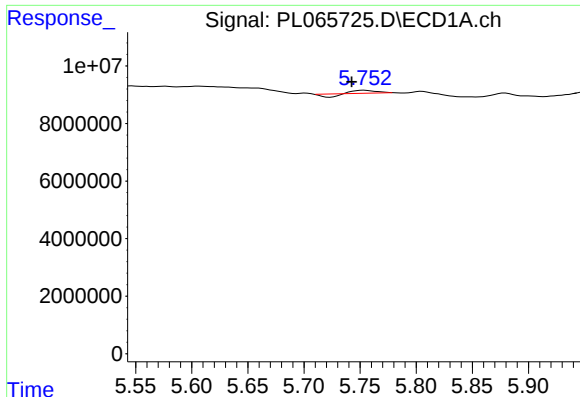
#13 Dieldrin

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 5611348  
Conc: 1.92 ng/ml



#13 Dieldrin

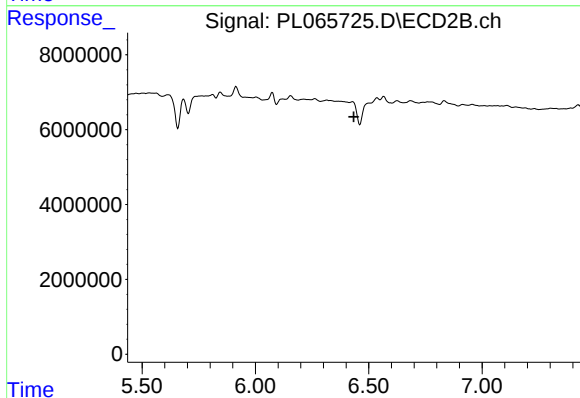
R.T.: 0.000 min  
Exp R.T.: 6.219 min  
Response: 0  
Conc: N.D.



#14 Endrin

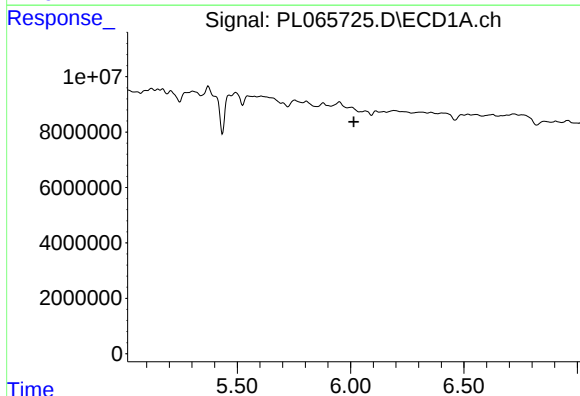
R.T.: 5.754 min  
Delta R.T.: 0.011 min  
Response: 645028  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



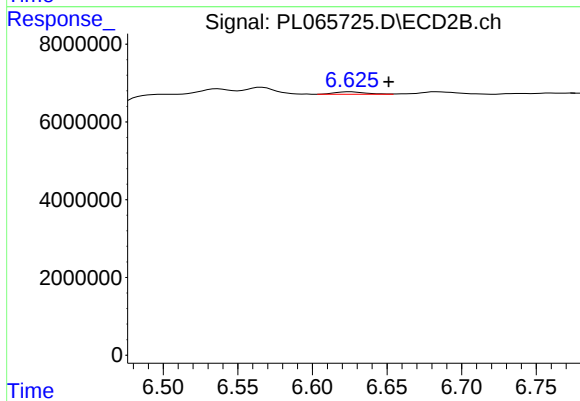
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.434 min  
Response: 0  
Conc: N.D.



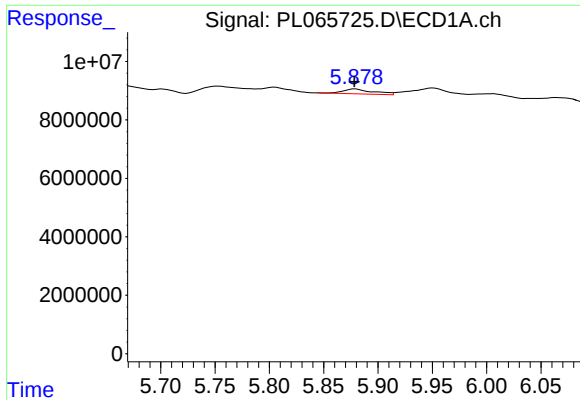
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.015 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

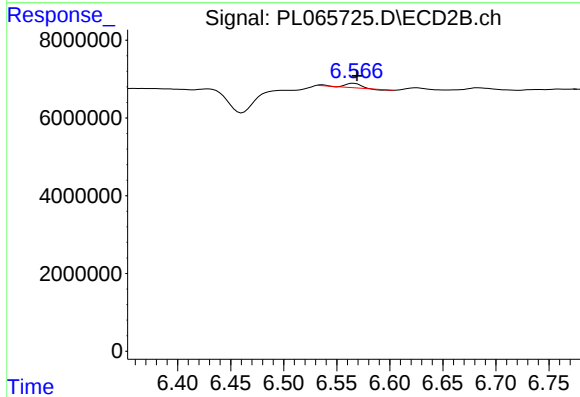
R.T.: 6.625 min  
Delta R.T.: -0.026 min  
Response: 914662  
Conc: 0.39 ng/ml



#16 4,4'-DDD

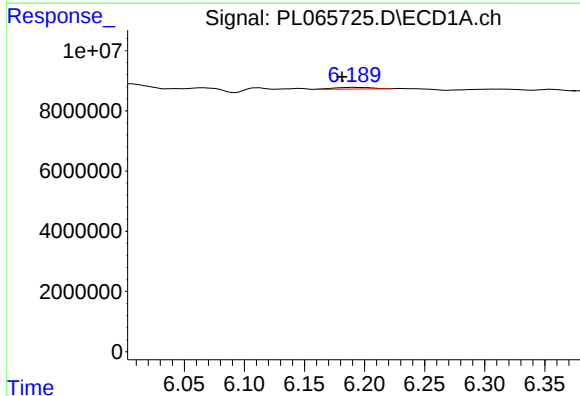
R.T.: 5.879 min  
Delta R.T.: 0.000 min  
Response: 3276116  
Conc: 1.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



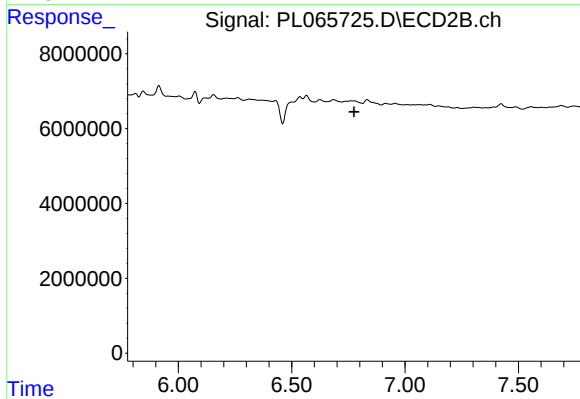
#16 4,4'-DDD

R.T.: 6.566 min  
Delta R.T.: -0.003 min  
Response: 1125682  
Conc: 0.53 ng/ml



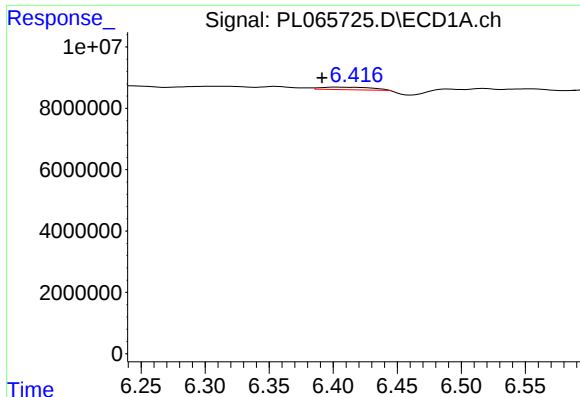
#18 Endrin aldehyde

R.T.: 6.192 min  
Delta R.T.: 0.010 min  
Response: 1114514  
Conc: 0.59 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.775 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

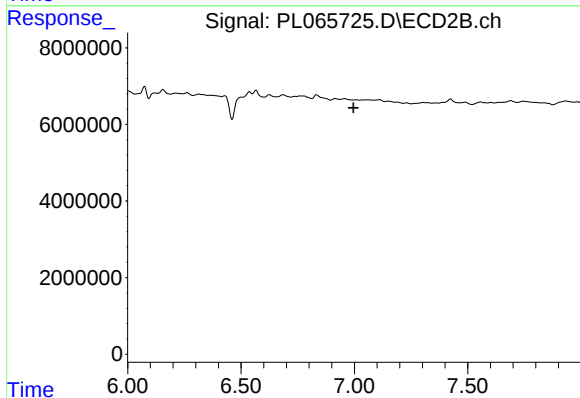
R.T.: 6.403 min

Delta R.T.: 0.011 min

Response: 2114192

Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



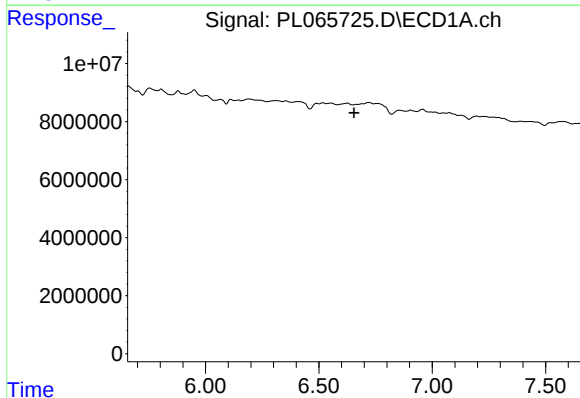
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 6.997 min

Response: 0

Conc: N.D.



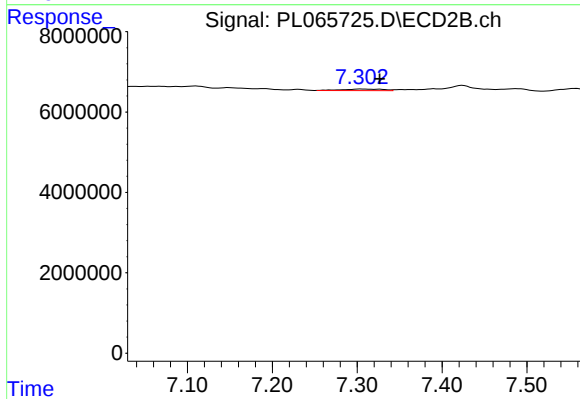
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T. : 6.656 min

Response: 0

Conc: N.D.



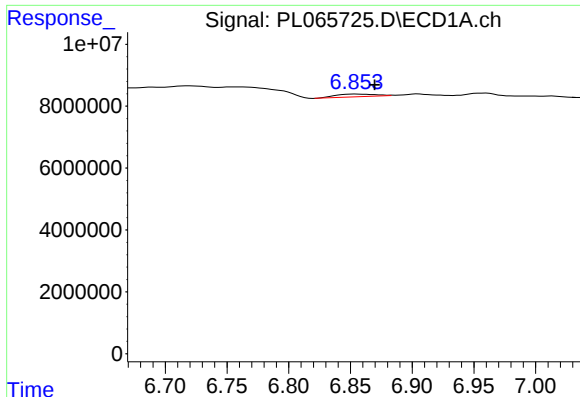
#20 Methoxychlor

R.T.: 7.305 min

Delta R.T.: -0.022 min

Response: 1254452

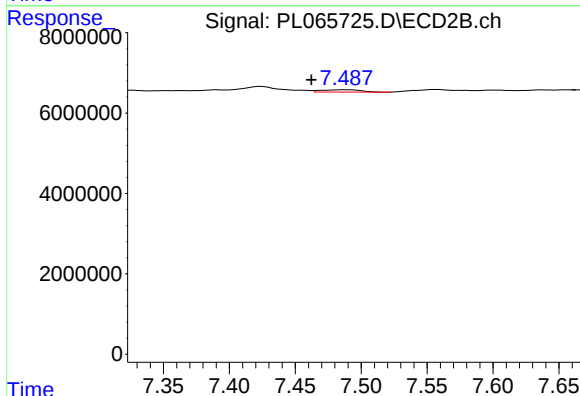
Conc: 0.99 ng/ml



#21 Endrin ketone

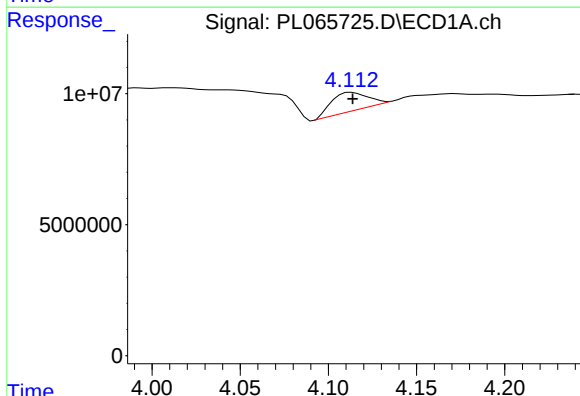
R.T.: 6.855 min  
Delta R.T.: -0.015 min  
Response: 1915251  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



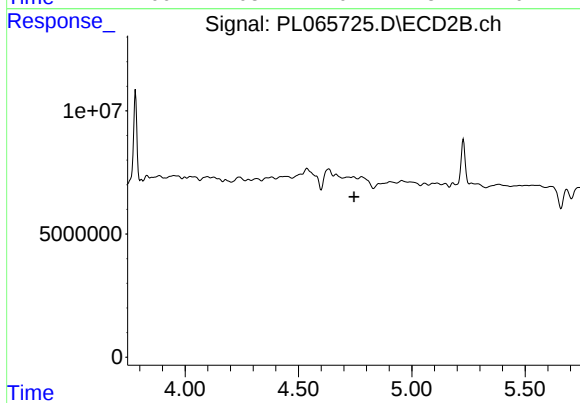
#21 Endrin ketone

R.T.: 7.488 min  
Delta R.T.: 0.026 min  
Response: 1075310  
Conc: 0.42 ng/ml



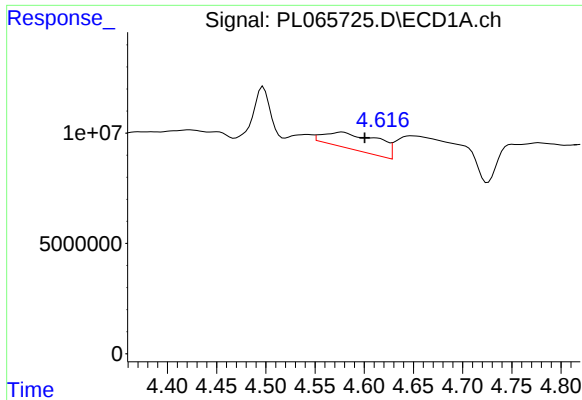
#23 Chlordane-1

R.T.: 4.113 min  
Delta R.T.: 0.000 min  
Response: 10056967  
Conc: 111.46 ng/ml



#23 Chlordane-1

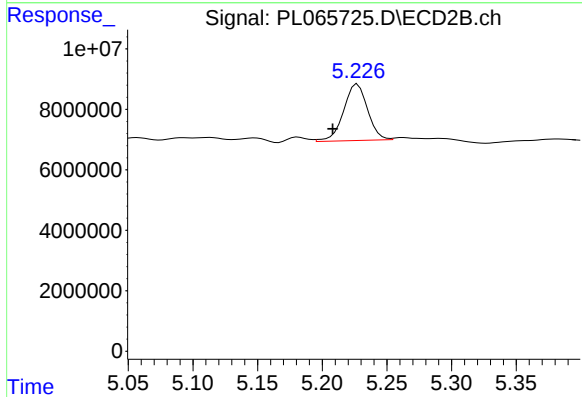
R.T.: 0.000 min  
Exp R.T.: 4.745 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

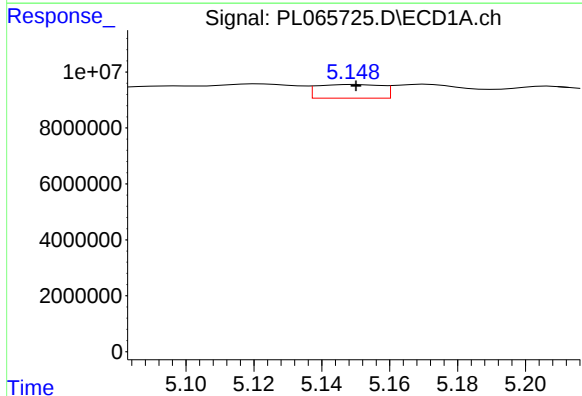
R.T.: 4.578 min  
Delta R.T.: -0.023 min  
Response: 28608054  
Conc: 248.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



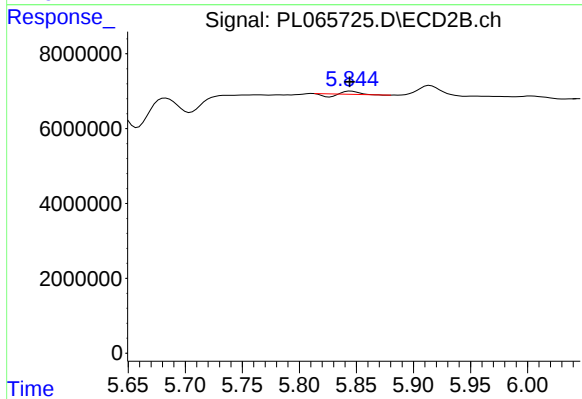
#24 Chlordane-2

R.T.: 5.227 min  
Delta R.T.: 0.019 min  
Response: 23979497  
Conc: 209.54 ng/ml



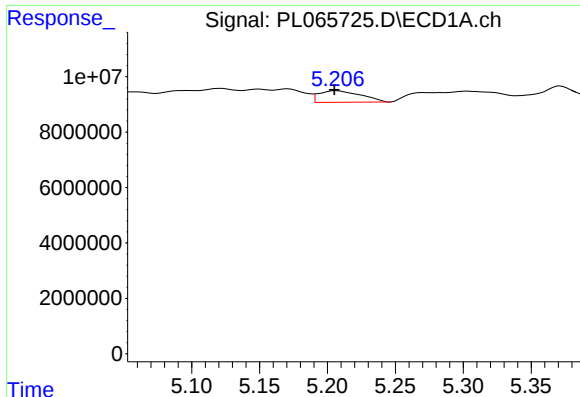
#25 Chlordane-3

R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 6470049  
Conc: 20.82 ng/ml



#25 Chlordane-3

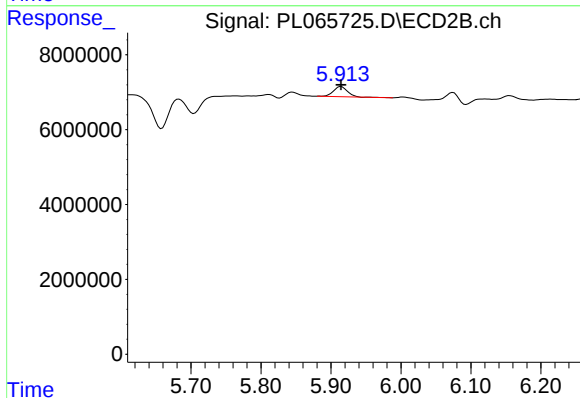
R.T.: 5.845 min  
Delta R.T.: 0.000 min  
Response: 190904  
Conc: 0.45 ng/ml



#26 Chlordane-4

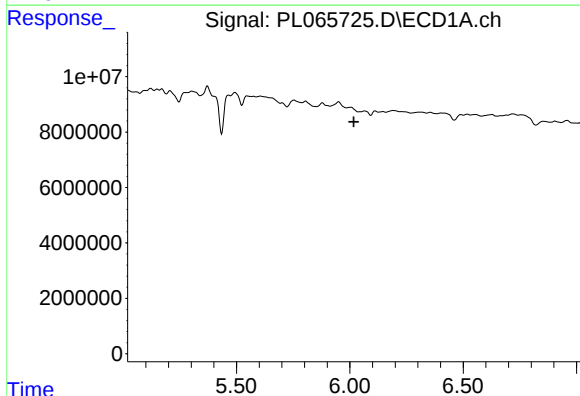
R.T.: 5.207 min  
Delta R.T.: 0.002 min  
Response: 9026466  
Conc: 31.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



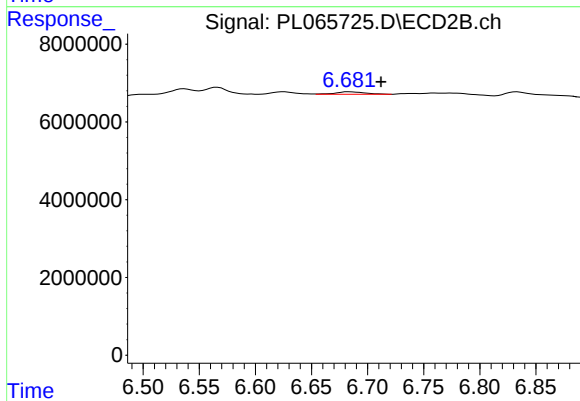
#26 Chlordane-4

R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 3853913  
Conc: 7.62 ng/ml



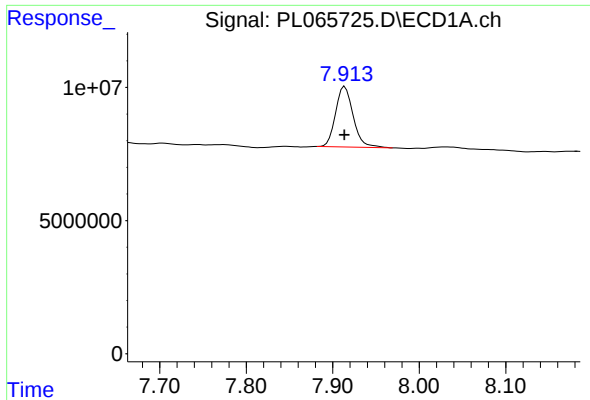
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.017 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

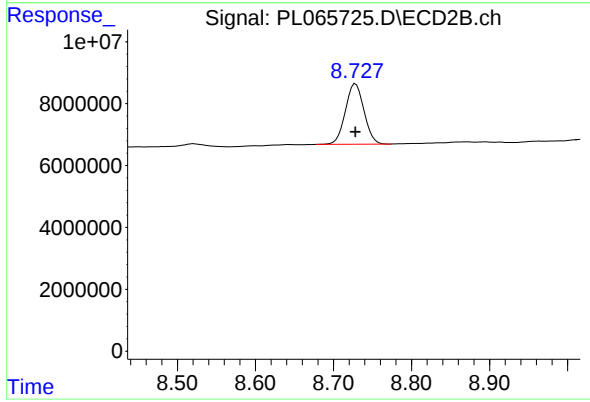
R.T.: 6.684 min  
Delta R.T.: -0.028 min  
Response: 1160138  
Conc: 13.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.000 min  
Response: 31988436  
Conc: 13.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B5-19-21



#28 Decachlorobiphenyl

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 32300415  
Conc: 14.33 ng/ml