

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032621\  
 Data File : PL065585.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Mar 2021 13:30  
 Operator : AR\AJ  
 Sample : 1000 PPB CHLOR SPIKE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 01:19:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 19 02:14:11 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... | 3.279  | 0.000  | 23915290 | 0        | 10.070  | N.D. #    |
| 28)                         | SA Decachlor... | 7.944  | 0.000  | 1833020  | 0        | 0.759   | N.D. #    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.168  | 0        | 7220729  | N.D.    | 1.777 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.463  | 0        | 616418   | N.D.    | 0.169 #   |
| 4)                          | MA Heptachlor   | 4.270  | 4.935  | 112.5E6  | 125.9E6  | 34.372  | 37.760    |
| 5)                          | MB Aldrin       | 4.521  | 5.213f | 8666497  | 84170692 | 2.735   | 25.700 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.631  | 0        | 7882130  | N.D.    | 4.575 #   |
| 7)                          | B delta-BHC     | 4.423  | 4.868f | 10958542 | 1323845  | 3.295   | 0.443 #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.609f | 0        | 80862094 | N.D.    | 27.973 #  |
| 9)                          | A Endosulfan I  | 5.255f | 5.966  | 19731171 | 1487592  | 7.239   | 0.565 #   |
| 10)                         | B gamma-Chl...  | 5.161  | 5.849  | 246.3E6  | 282.6E6  | 83.409  | 101.256   |
| 11)                         | B alpha-Chl...  | 5.216  | 5.920  | 224.4E6  | 396.5E6  | 77.108  | 142.849 # |
| 12)                         | B 4,4'-DDE      | 5.382  | 6.107f | 1261875  | 473311   | 0.480   | 0.190 #   |
| 13)                         | MA Dieldrin     | 5.524  | 6.216f | 1826282  | 9626186  | 0.652   | 3.539 #   |
| 14)                         | MA Endrin       | 5.761  | 6.463f | 9473169  | 2358094  | 3.794   | 1.068 #   |
| 15)                         | B Endosulfa...  | 6.029  | 6.663  | 76877272 | 3451906  | 31.382  | 1.529 #   |
| 16)                         | A 4,4'-DDD      | 5.873f | 6.576  | -406825  | 14054316 | N.D.    | 6.390     |
| 17)                         | MA 4,4'-DDT     | 6.152f | 6.879  | 1519173  | 1735427  | 0.803   | 0.884     |
| 18)                         | B Endrin al...  | 6.200  | 6.764f | 2320424  | 4590781  | 1.208   | 2.620 #   |
| 19)                         | B Endosulfa...  | 6.407  | 7.000  | 4186947  | 1747927  | 1.694   | 0.797 #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.357f | 0        | 2040962  | N.D.    | 1.954 #   |
| 21)                         | B Endrin ke...  | 6.865f | 7.477  | 7107722  | 4061755  | 2.644   | 1.722 #   |
| 23)                         | Chlordane-1     | 4.123  | 4.749  | 75232824 | 86906952 | 873.281 | 770.515   |
| 24)                         | Chlordane-2     | 4.610  | 5.213  | 86315285 | 84170692 | 795.819 | 772.825   |
| 25)                         | Chlordane-3     | 5.161  | 5.849  | 246.3E6  | 282.6E6  | 825.414 | 693.193   |
| 26)                         | Chlordane-4     | 5.216  | 5.920  | 224.4E6  | 396.5E6  | 823.659 | 824.123   |
| 27)                         | Chlordane-5     | 6.029  | 6.718  | 76877272 | 63654349 | 768.946 | 795.497   |
| -----                       |                 |        |        |          |          |         |           |

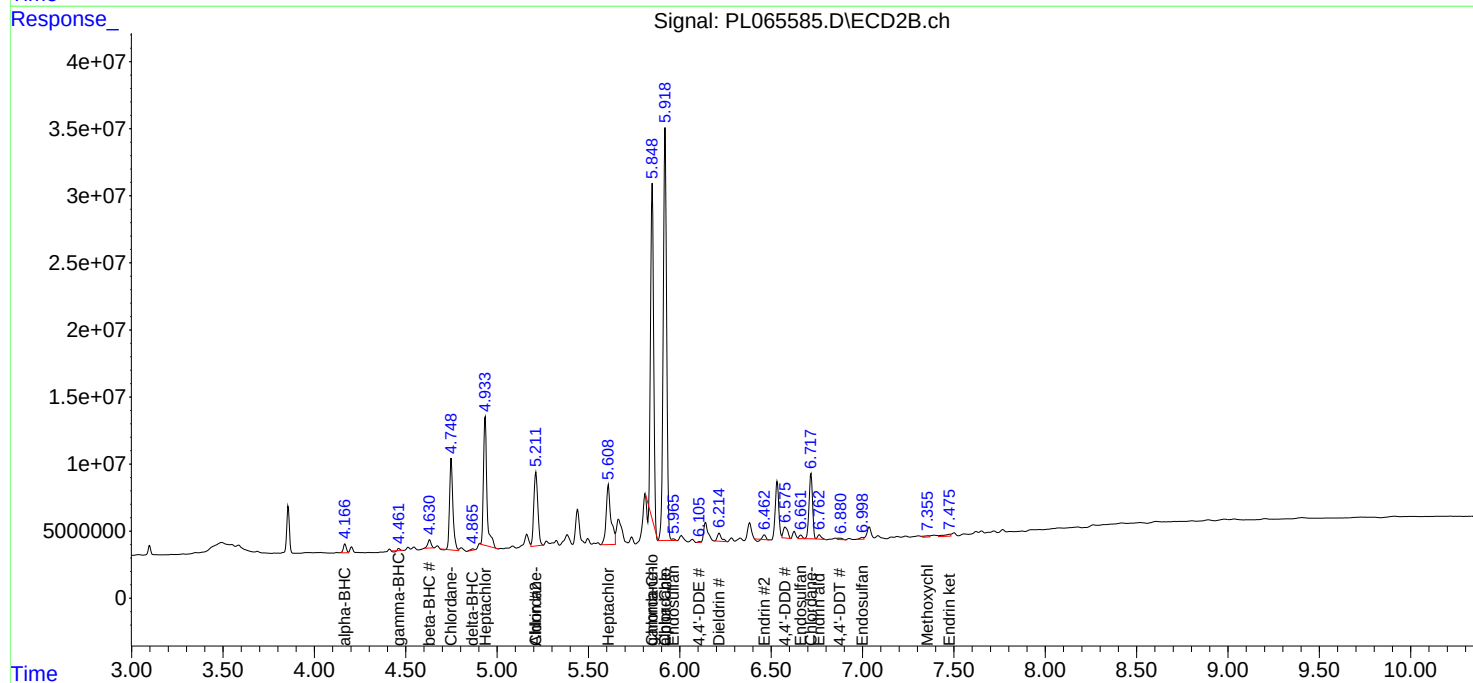
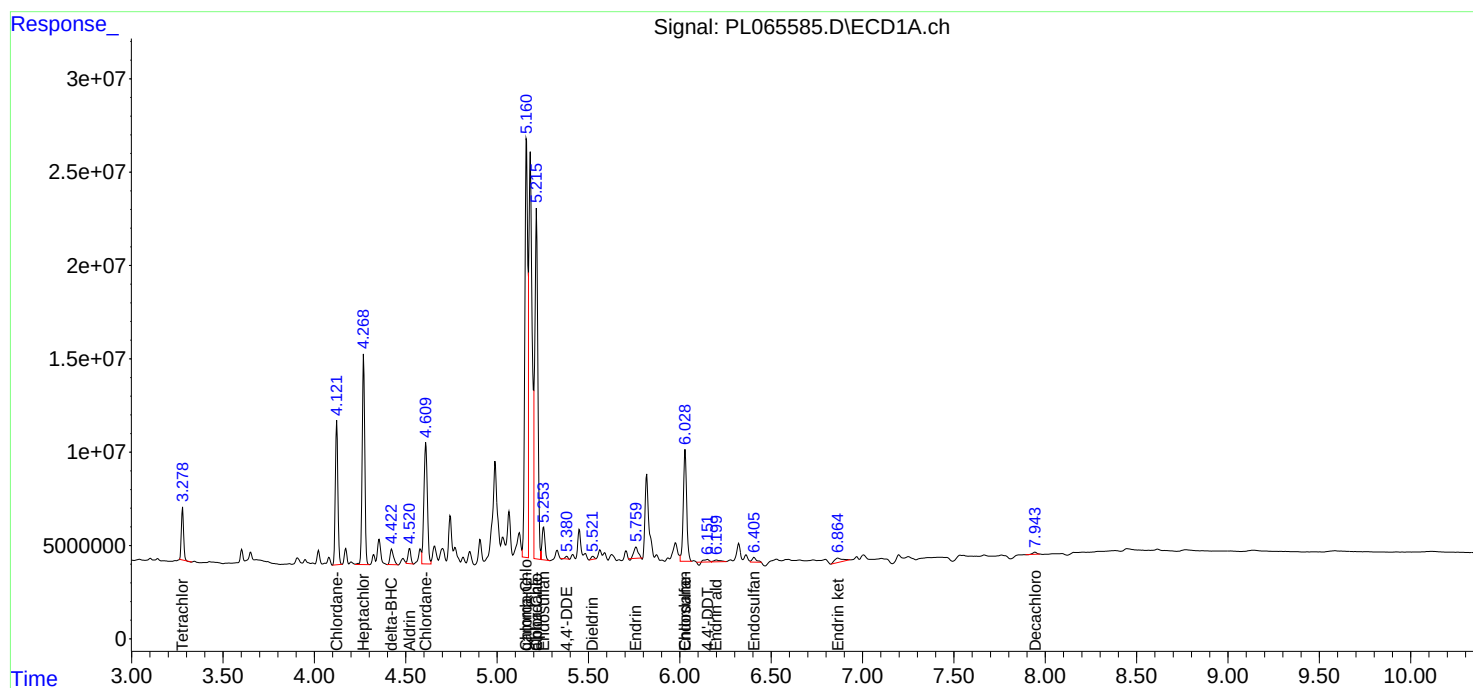
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

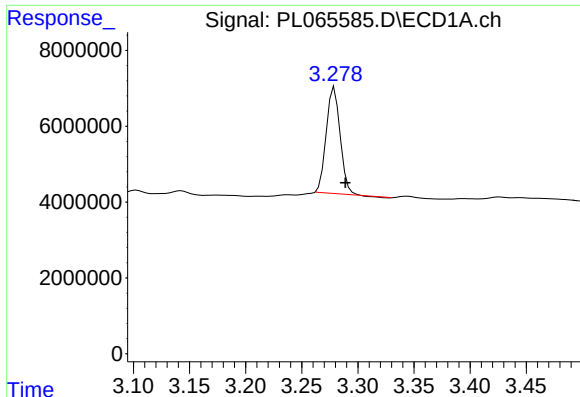
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032621\  
Data File : PL065585.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Mar 2021 13:30  
Operator : AR\AJ  
Sample : 1000 PPB CHLOR SPIKE  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 27 01:19:22 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 19 02:14:11 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

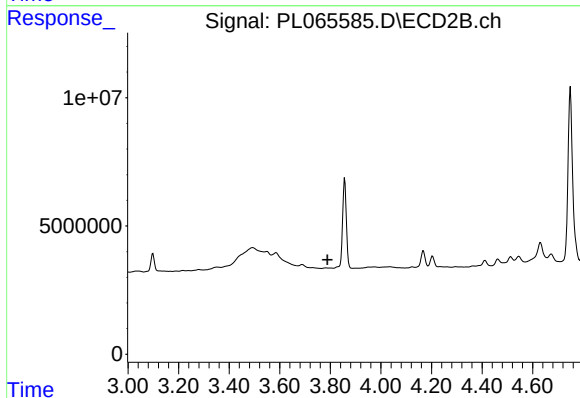




#1 Tetrachloro-m-xylene

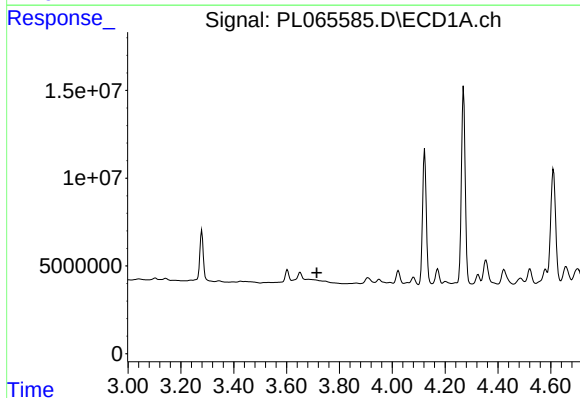
R.T.: 3.279 min  
Delta R.T.: -0.010 min  
Response: 23915290  
Conc: 10.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



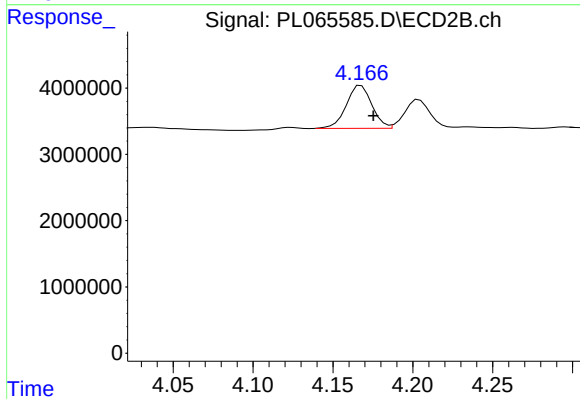
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.789 min  
Response: 0  
Conc: N.D.



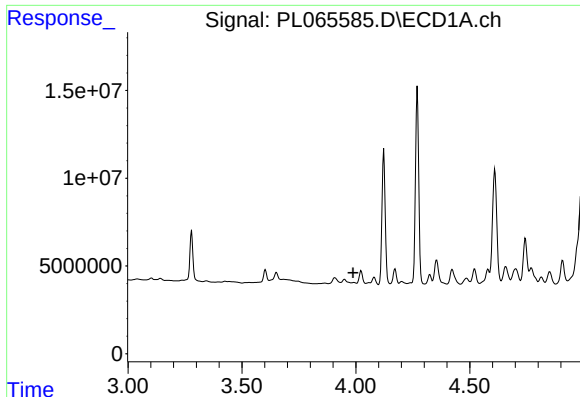
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.714 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

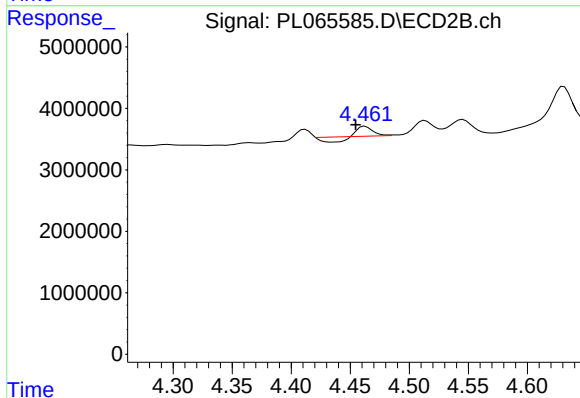
R.T.: 4.168 min  
Delta R.T.: -0.008 min  
Response: 7220729  
Conc: 1.78 ng/ml



#3 gamma-BHC (Lindane)

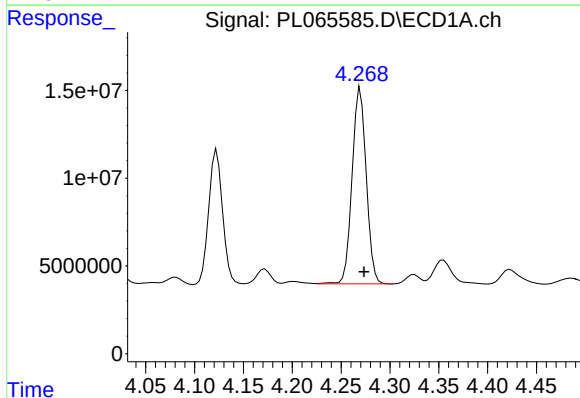
R.T.: 0.000 min  
Exp R.T.: 3.987 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



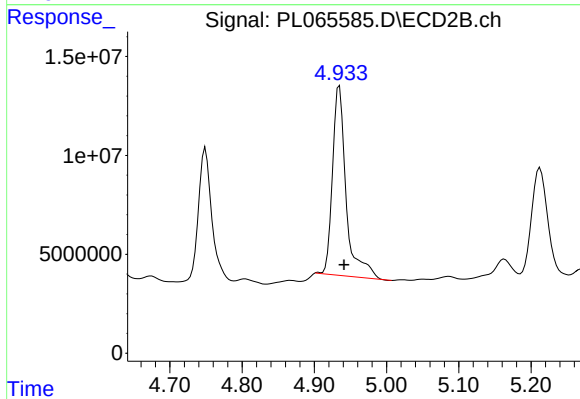
#3 gamma-BHC (Lindane)

R.T.: 4.463 min  
Delta R.T.: 0.008 min  
Response: 616418  
Conc: 0.17 ng/ml



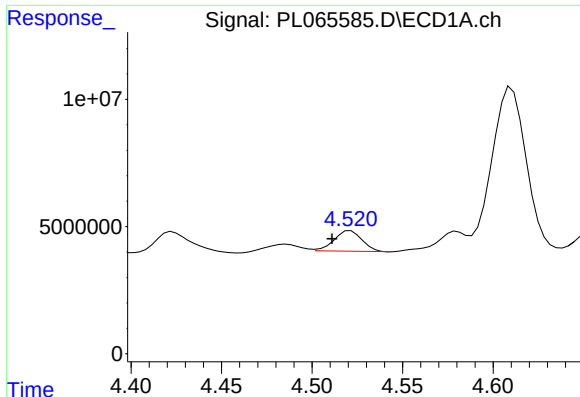
#4 Heptachlor

R.T.: 4.270 min  
Delta R.T.: -0.004 min  
Response: 112492475  
Conc: 34.37 ng/ml



#4 Heptachlor

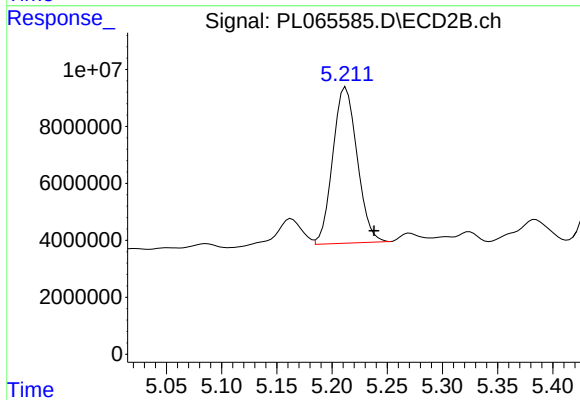
R.T.: 4.935 min  
Delta R.T.: -0.006 min  
Response: 125917969  
Conc: 37.76 ng/ml



#5 Aldrin

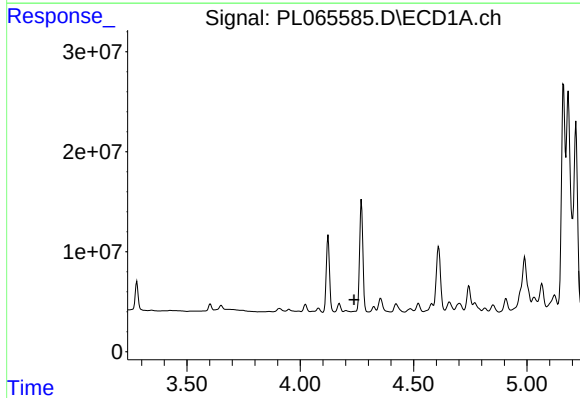
R.T.: 4.521 min  
Delta R.T.: 0.010 min  
Response: 8666497  
Conc: 2.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



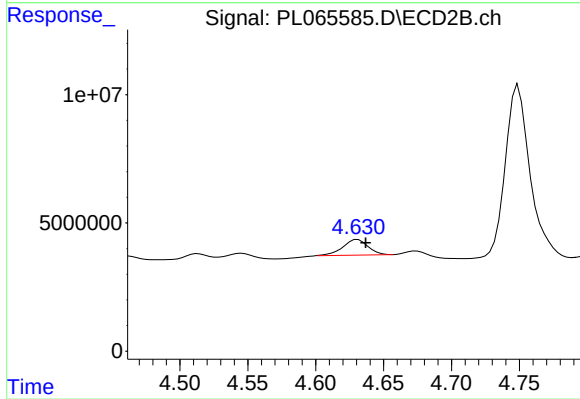
#5 Aldrin

R.T.: 5.213 min  
Delta R.T.: -0.025 min  
Response: 84170692  
Conc: 25.70 ng/ml



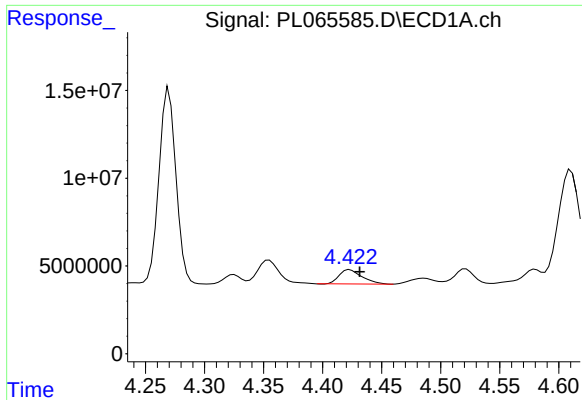
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.238 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

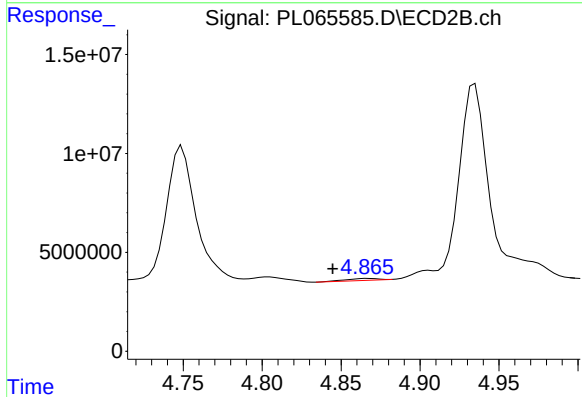
R.T.: 4.631 min  
Delta R.T.: -0.006 min  
Response: 7882130  
Conc: 4.58 ng/ml



#7 delta-BHC

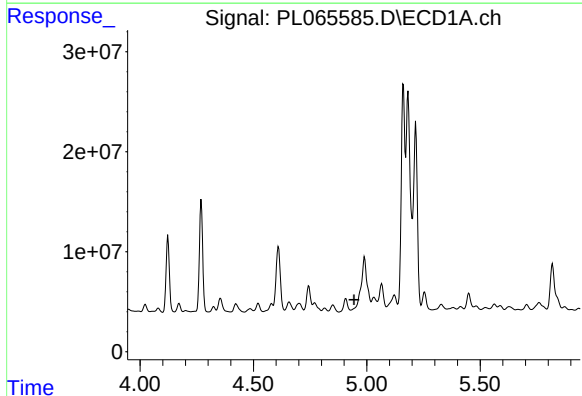
R.T.: 4.423 min  
Delta R.T.: -0.008 min  
Response: 10958542  
Conc: 3.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



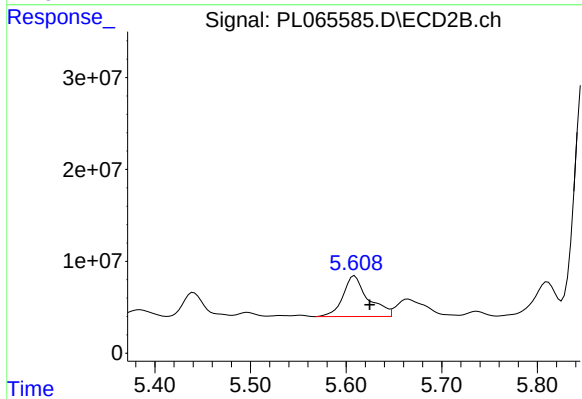
#7 delta-BHC

R.T.: 4.868 min  
Delta R.T.: 0.023 min  
Response: 1323845  
Conc: 0.44 ng/ml



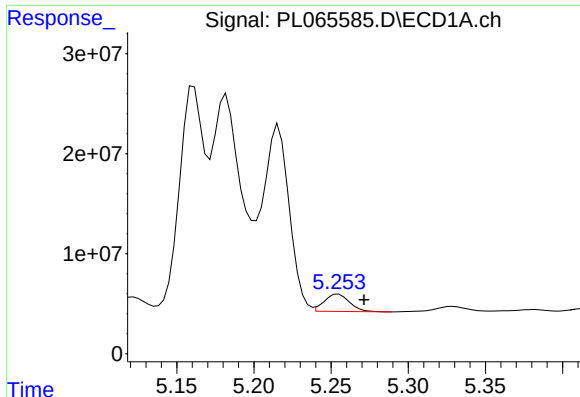
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.944 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

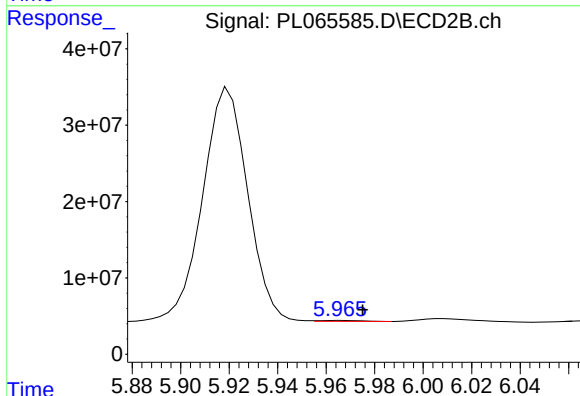
R.T.: 5.609 min  
Delta R.T.: -0.016 min  
Response: 80862094  
Conc: 27.97 ng/ml



#9 Endosulfan I

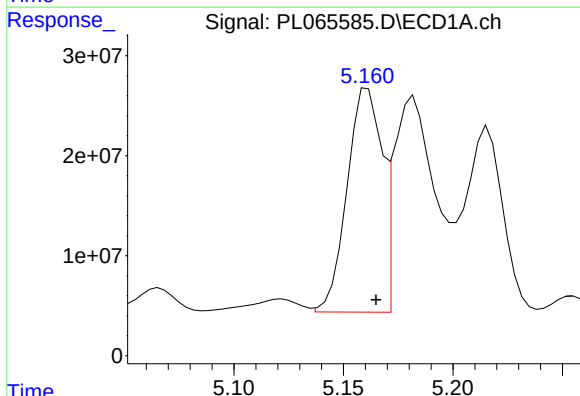
R.T.: 5.255 min  
Delta R.T.: -0.017 min  
Response: 19731171  
Conc: 7.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



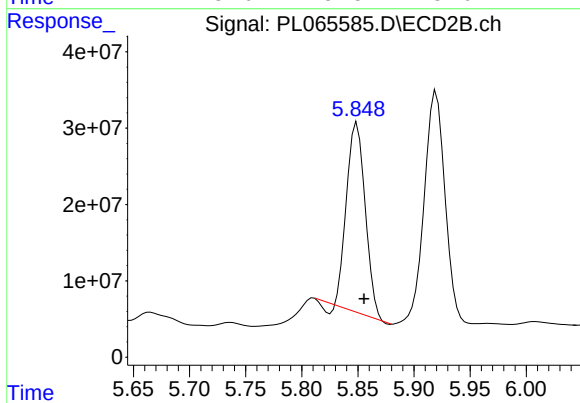
#9 Endosulfan I

R.T.: 5.966 min  
Delta R.T.: -0.009 min  
Response: 1487592  
Conc: 0.57 ng/ml



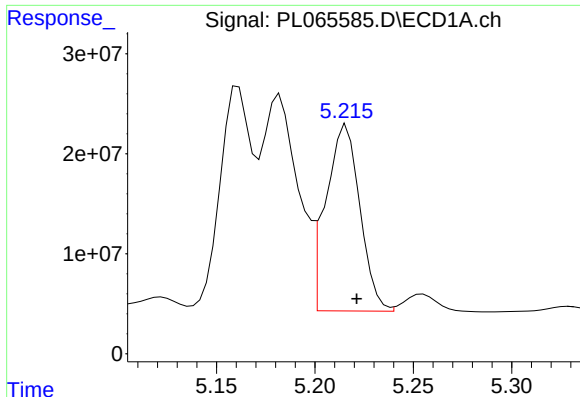
#10 gamma-Chlordane

R.T.: 5.161 min  
Delta R.T.: -0.004 min  
Response: 246279279  
Conc: 83.41 ng/ml



#10 gamma-Chlordane

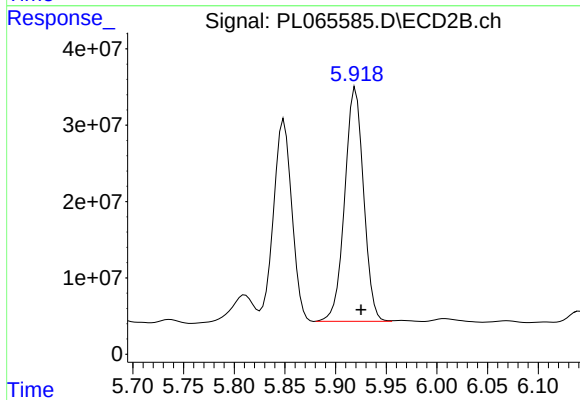
R.T.: 5.849 min  
Delta R.T.: -0.006 min  
Response: 282563616  
Conc: 101.26 ng/ml



#11 alpha-Chlordane

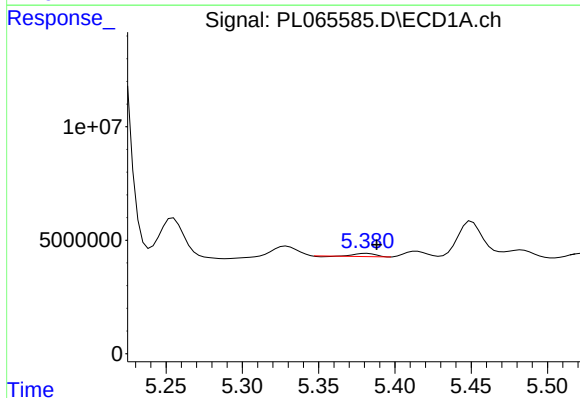
R.T.: 5.216 min  
Delta R.T.: -0.005 min  
Response: 224392904  
Conc: 77.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



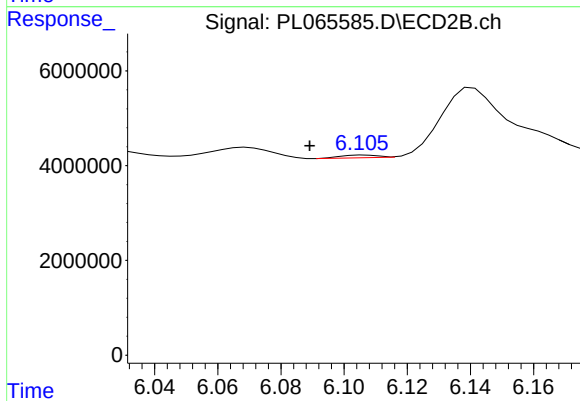
#11 alpha-Chlordane

R.T.: 5.920 min  
Delta R.T.: -0.005 min  
Response: 396462749  
Conc: 142.85 ng/ml



#12 4,4'-DDE

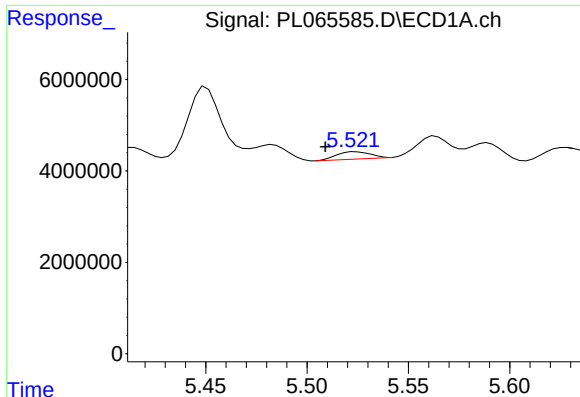
R.T.: 5.382 min  
Delta R.T.: -0.006 min  
Response: 1261875  
Conc: 0.48 ng/ml



#12 4,4'-DDE

R.T.: 6.107 min  
Delta R.T.: 0.018 min  
Response: 473311  
Conc: 0.19 ng/ml

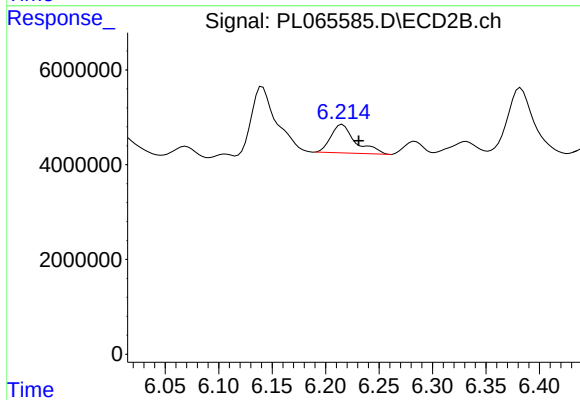




#13 Dieldrin

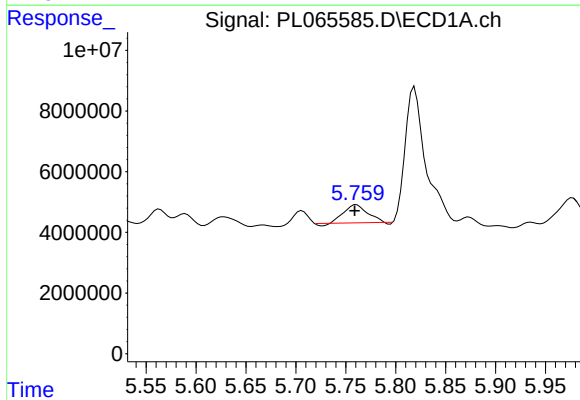
R.T.: 5.524 min  
Delta R.T.: 0.015 min  
Response: 1826282  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



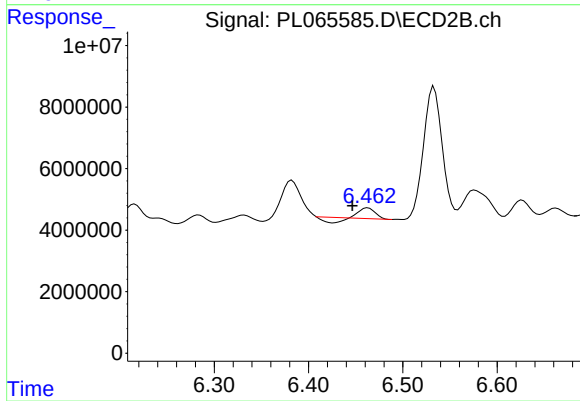
#13 Dieldrin

R.T.: 6.216 min  
Delta R.T.: -0.015 min  
Response: 9626186  
Conc: 3.54 ng/ml



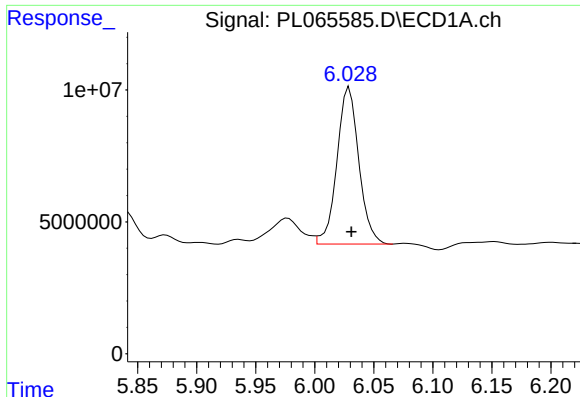
#14 Endrin

R.T.: 5.761 min  
Delta R.T.: 0.002 min  
Response: 9473169  
Conc: 3.79 ng/ml



#14 Endrin

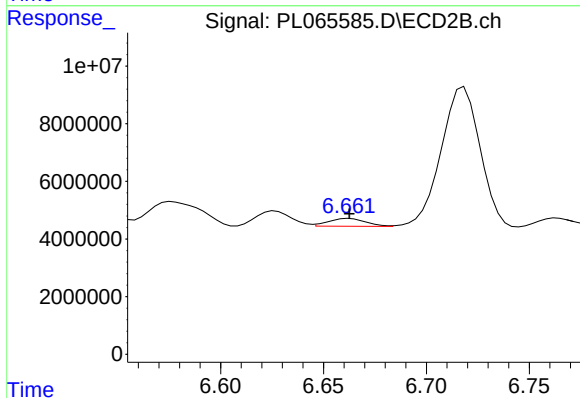
R.T.: 6.463 min  
Delta R.T.: 0.017 min  
Response: 2358094  
Conc: 1.07 ng/ml



#15 Endosulfan II

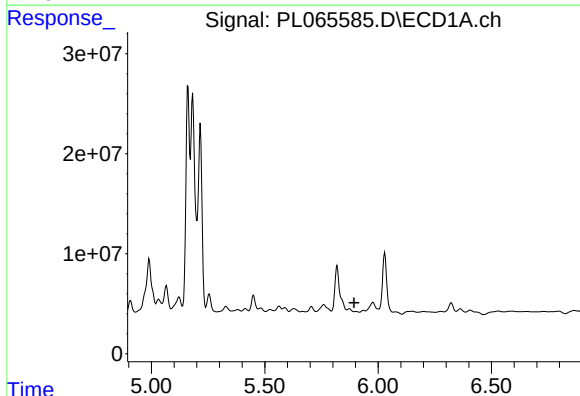
R.T.: 6.029 min  
Delta R.T.: -0.002 min  
Response: 76877272  
Conc: 31.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



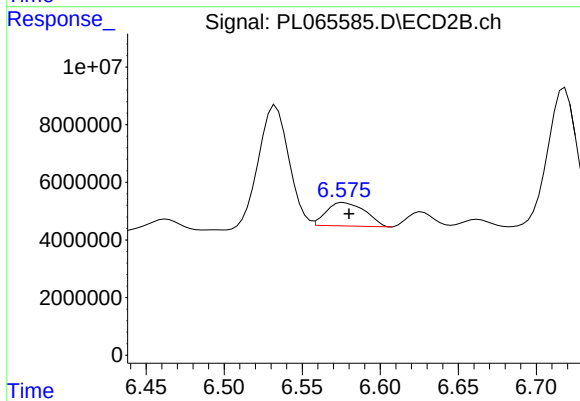
#15 Endosulfan II

R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 3451906  
Conc: 1.53 ng/ml



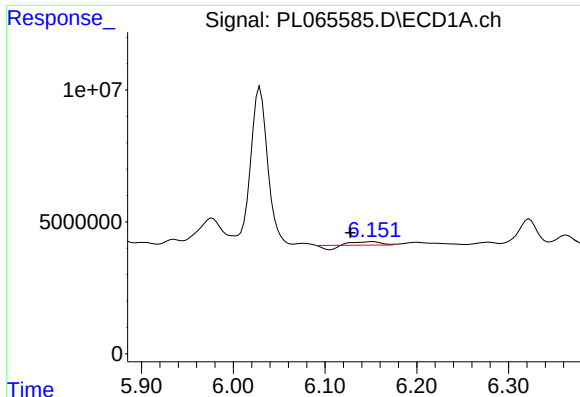
#16 4,4'-DDD

R.T.: 5.873 min  
Delta R.T.: -0.021 min  
Response: -406825  
Conc: N.D.



#16 4,4'-DDD

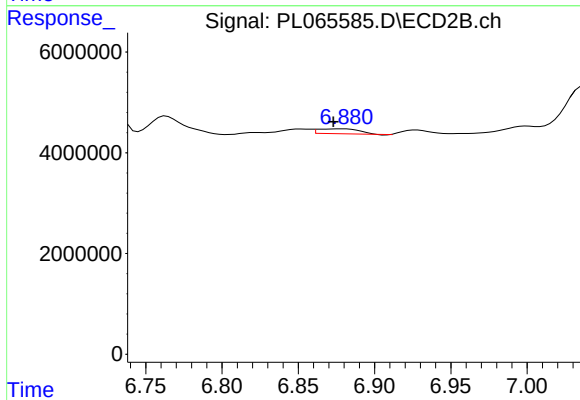
R.T.: 6.576 min  
Delta R.T.: -0.004 min  
Response: 14054316  
Conc: 6.39 ng/ml



#17 4,4'-DDT

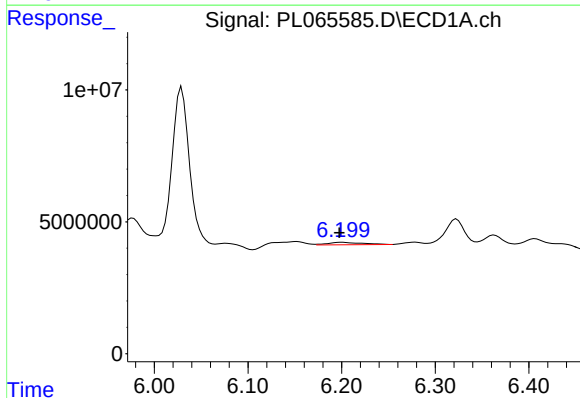
R.T.: 6.152 min  
Delta R.T.: 0.024 min  
Response: 1519173  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



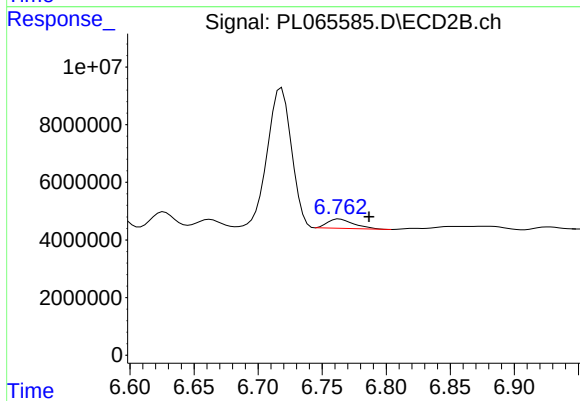
#17 4,4'-DDT

R.T.: 6.879 min  
Delta R.T.: 0.006 min  
Response: 1735427  
Conc: 0.88 ng/ml



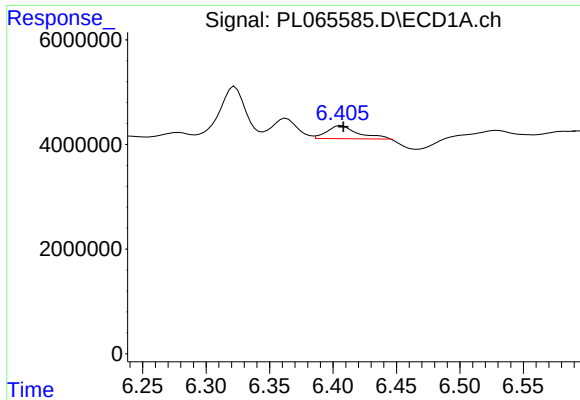
#18 Endrin aldehyde

R.T.: 6.200 min  
Delta R.T.: 0.003 min  
Response: 2320424  
Conc: 1.21 ng/ml



#18 Endrin aldehyde

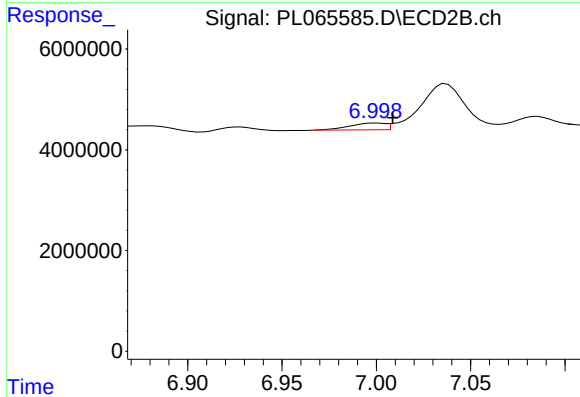
R.T.: 6.764 min  
Delta R.T.: -0.023 min  
Response: 4590781  
Conc: 2.62 ng/ml



#19 Endosulfan Sulfate

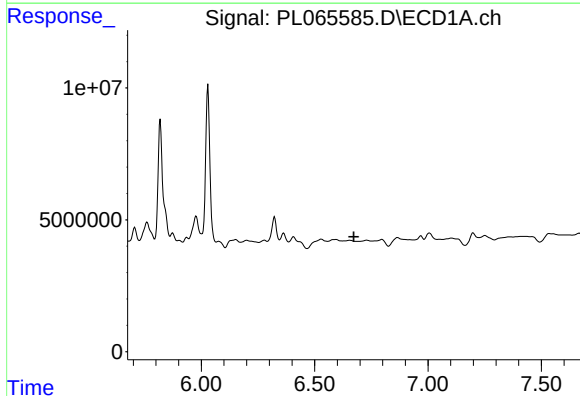
R.T.: 6.407 min  
Delta R.T.: -0.002 min  
Response: 4186947  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



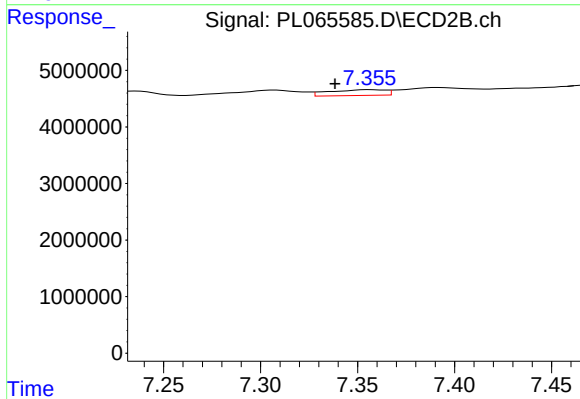
#19 Endosulfan Sulfate

R.T.: 7.000 min  
Delta R.T.: -0.009 min  
Response: 1747927  
Conc: 0.80 ng/ml



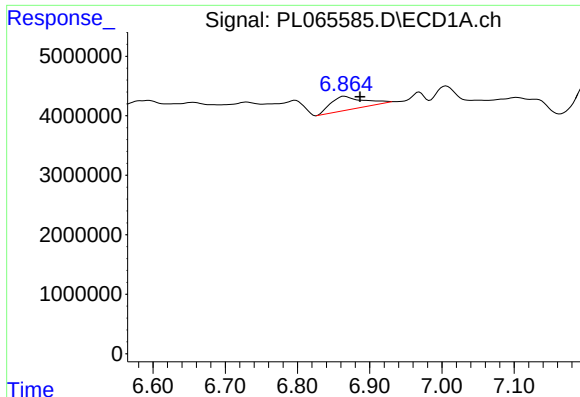
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.673 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

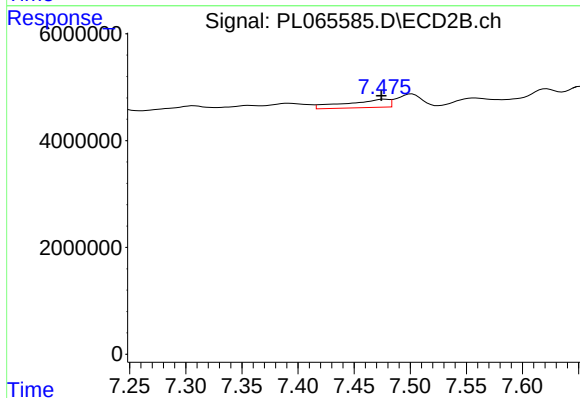
R.T.: 7.357 min  
Delta R.T.: 0.018 min  
Response: 2040962  
Conc: 1.95 ng/ml



#21 Endrin ketone

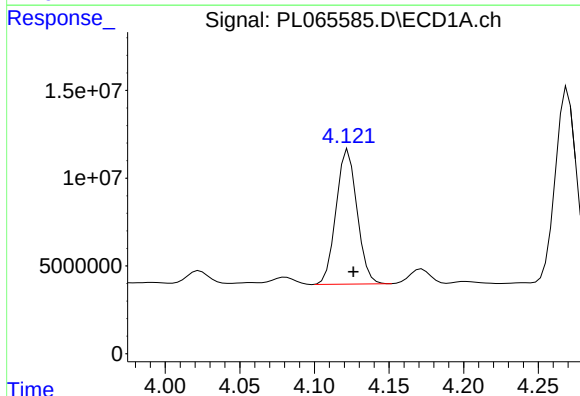
R.T.: 6.865 min  
Delta R.T.: -0.021 min  
Response: 7107722  
Conc: 2.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



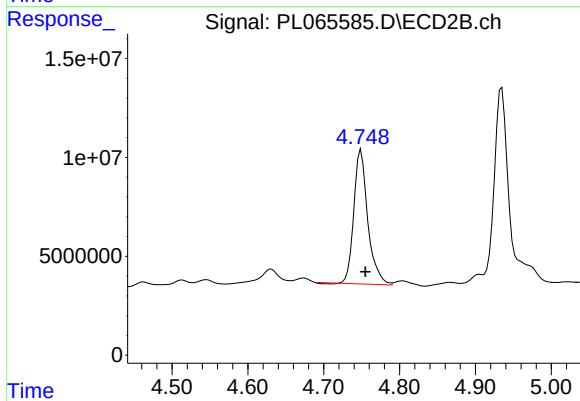
#21 Endrin ketone

R.T.: 7.477 min  
Delta R.T.: 0.003 min  
Response: 4061755  
Conc: 1.72 ng/ml



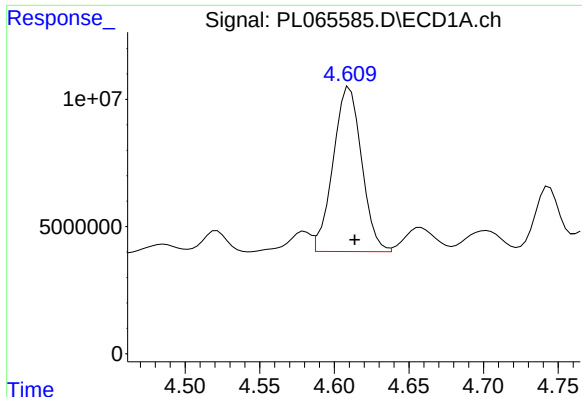
#23 Chlordane-1

R.T.: 4.123 min  
Delta R.T.: -0.003 min  
Response: 75232824  
Conc: 873.28 ng/ml



#23 Chlordane-1

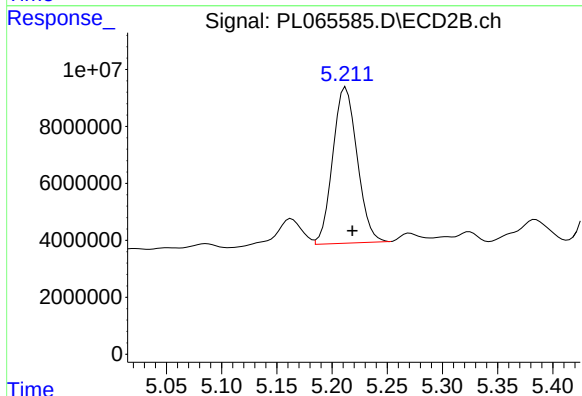
R.T.: 4.749 min  
Delta R.T.: -0.006 min  
Response: 86906952  
Conc: 770.52 ng/ml



#24 Chlordane-2

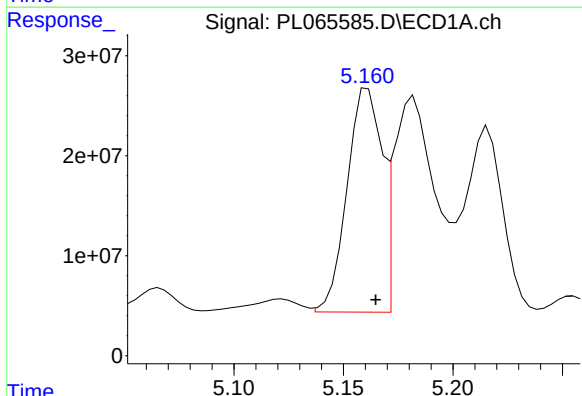
R.T.: 4.610 min  
Delta R.T.: -0.003 min  
Response: 86315285  
Conc: 795.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



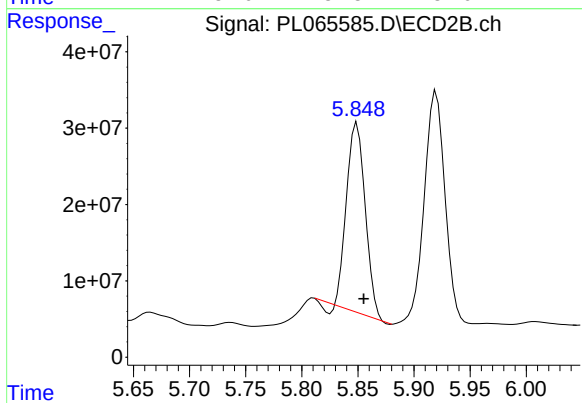
#24 Chlordane-2

R.T.: 5.213 min  
Delta R.T.: -0.006 min  
Response: 84170692  
Conc: 772.82 ng/ml



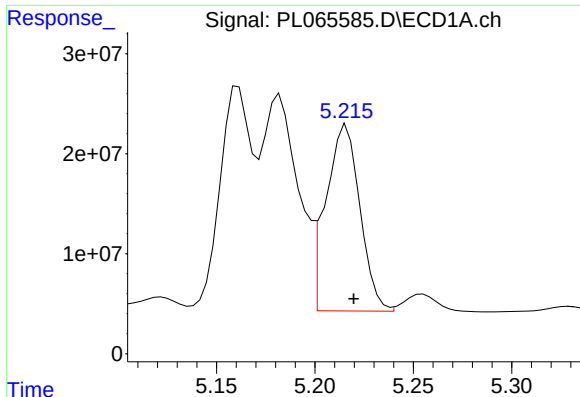
#25 Chlordane-3

R.T.: 5.161 min  
Delta R.T.: -0.004 min  
Response: 246279279  
Conc: 825.41 ng/ml



#25 Chlordane-3

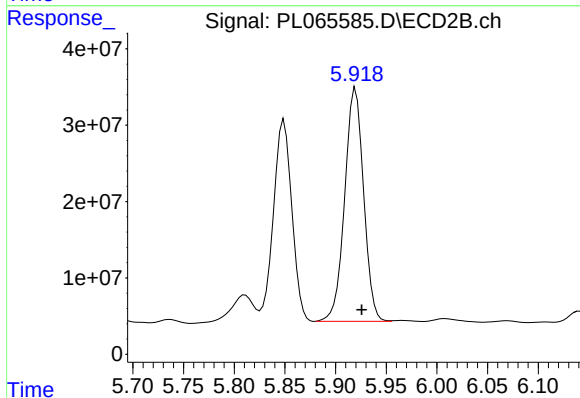
R.T.: 5.849 min  
Delta R.T.: -0.006 min  
Response: 282563616  
Conc: 693.19 ng/ml



#26 Chlordane-4

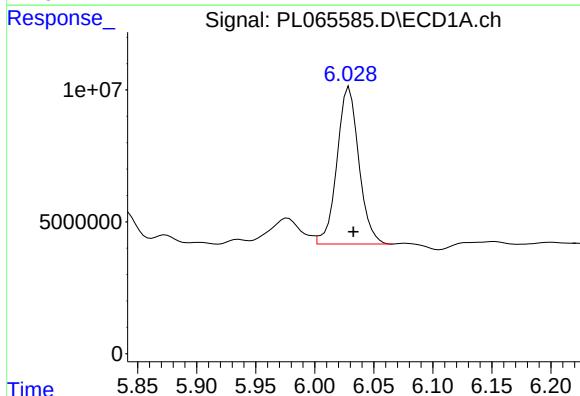
R.T.: 5.216 min  
Delta R.T.: -0.004 min  
Response: 224392904  
Conc: 823.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



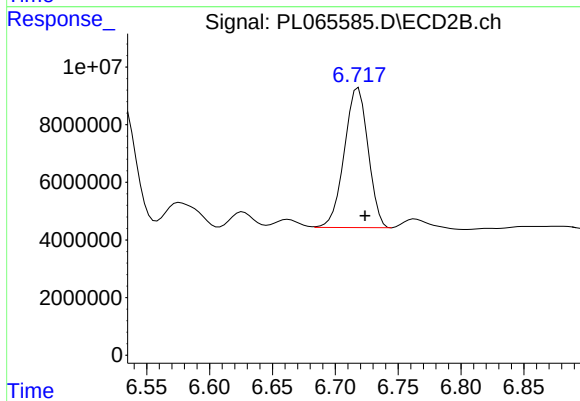
#26 Chlordane-4

R.T.: 5.920 min  
Delta R.T.: -0.006 min  
Response: 396462749  
Conc: 824.12 ng/ml



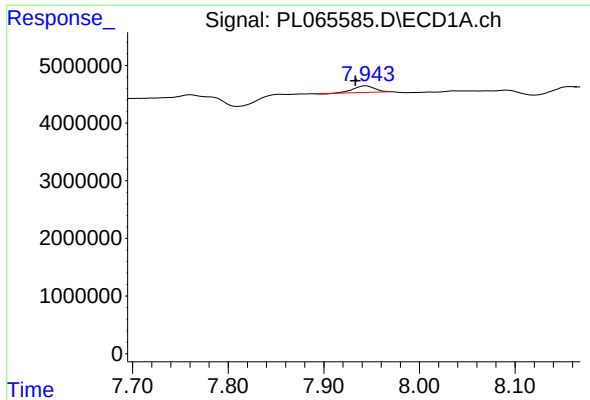
#27 Chlordane-5

R.T.: 6.029 min  
Delta R.T.: -0.003 min  
Response: 76877272  
Conc: 768.95 ng/ml



#27 Chlordane-5

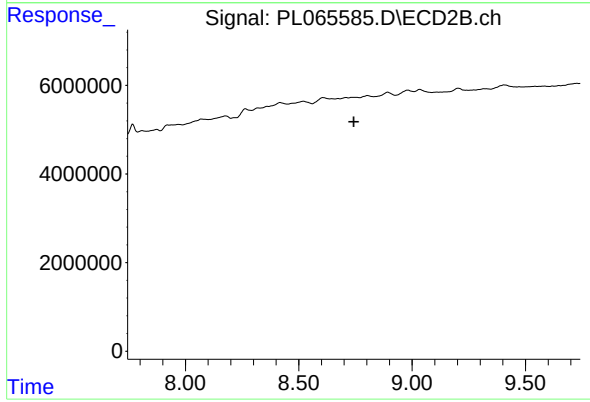
R.T.: 6.718 min  
Delta R.T.: -0.005 min  
Response: 63654349  
Conc: 795.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.944 min  
Delta R.T.: 0.012 min  
Response: 1833020  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.743 min  
Response: 0  
Conc: N.D.