

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052720\  
 Data File : PD058146.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2020 15:05  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 19:06:06 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 21 13:46:14 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|---------|
| -----                       |                 |        |       |          |          |         |         |
| System Monitoring Compounds |                 |        |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.209  | 3.866 | 16337677 | 22490899 | 20.905  | 19.748  |
| 28)                         | SA Decachlor... | 7.849  | 8.851 | 17002764 | 21105453 | 21.265  | 20.358  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.631  | 4.247 | 11728896 | 15813848 | 9.674   | 9.288   |
| 3)                          | MA gamma-BHC... | 3.902  | 4.527 | 12114216 | 14449733 | 10.326  | 8.729   |
| 4)                          | MA Heptachlor   | 4.152f | 0.000 | 5339016  | 0        | 4.988   | N.D. #  |
| 5)                          | MB Aldrin       | 4.431  | 0.000 | 236878   | 0        | 0.226   | N.D. #  |
| 6)                          | B beta-BHC      | 4.152  | 4.698 | 5339016  | 6876982  | 11.041  | 10.259  |
| 7)                          | B delta-BHC     | 4.349  | 0.000 | 223721   | 0        | 0.196   | N.D. #  |
| 8)                          | B Heptachlo...  | 4.850  | 0.000 | 3726702  | 0        | 3.817   | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.068  | 0.000 | 1891327  | 0        | 1.905   | N.D. #  |
| 12)                         | B 4,4'-DDE      | 5.295  | 0.000 | 2583110  | 0        | 2.774   | N.D. #  |
| 13)                         | MA Dieldrin     | 5.419  | 0.000 | 1477234  | 0        | 1.505   | N.D. #  |
| 14)                         | MA Endrin       | 5.666  | 6.531 | 40607459 | 52164702 | 50.762  | 49.390  |
| 15)                         | B Endosulfa...  | 5.955f | 0.000 | 333502   | 0        | 0.384   | N.D. #  |
| 16)                         | A 4,4'-DDD      | 5.805  | 6.658 | 2522028  | 4420947  | 3.129   | 3.992 # |
| 17)                         | MA 4,4'-DDT     | 6.037  | 6.955 | 77273600 | 103.3E6  | 112.020 | 103.713 |
| 18)                         | B Endrin al...  | 6.107  | 0.000 | 897317   | 0        | 1.227   | N.D. #  |
| 20)                         | A Methoxychlor  | 6.586  | 7.414 | 95775703 | 135.6E6  | 242.695 | 235.071 |
| 21)                         | B Endrin ke...  | 6.797  | 7.550 | 3820622  | 4056930  | 3.528   | 3.082   |
| 25)                         | Chlordane-3     | 5.068  | 0.000 | 1891327  | 0        | 21.102  | N.D. #  |
| 27)                         | Chlordane-5     | 5.955  | 0.000 | 333502   | 0        | 12.347  | N.D. #  |
| -----                       |                 |        |       |          |          |         |         |

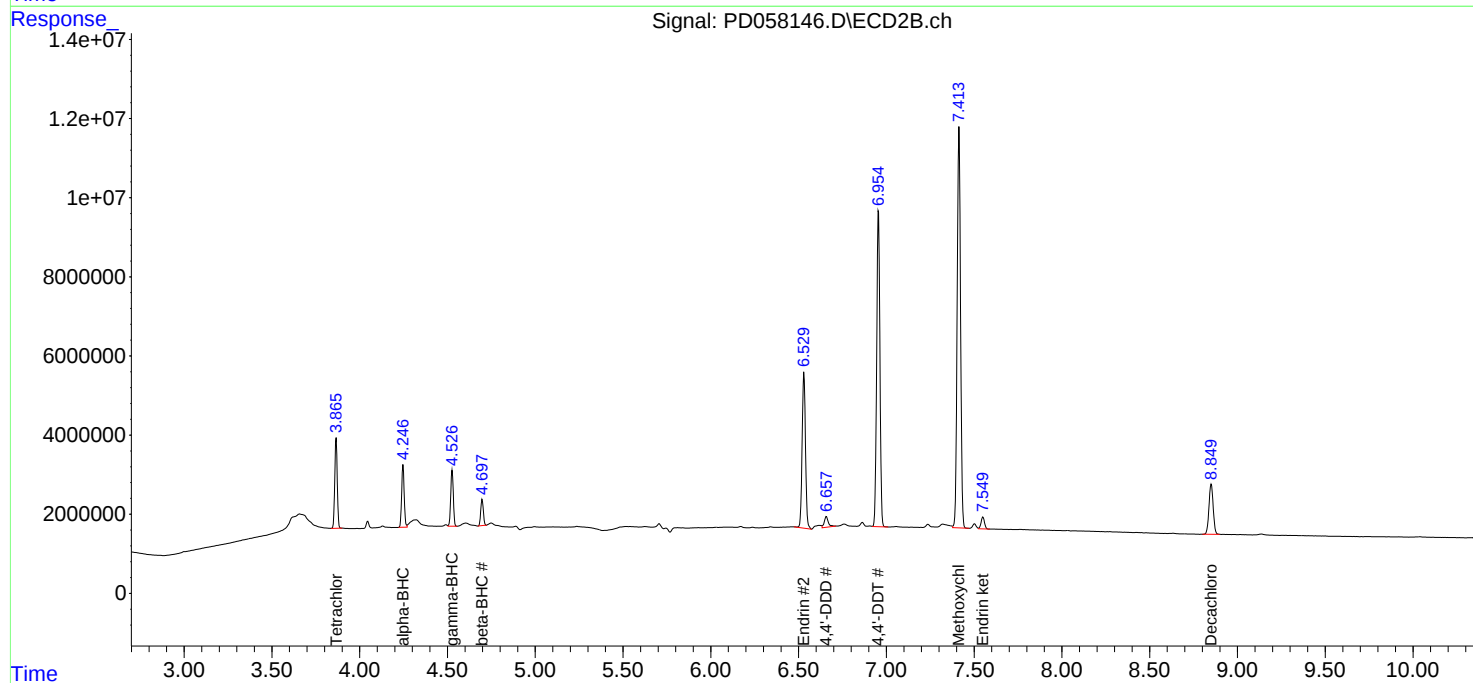
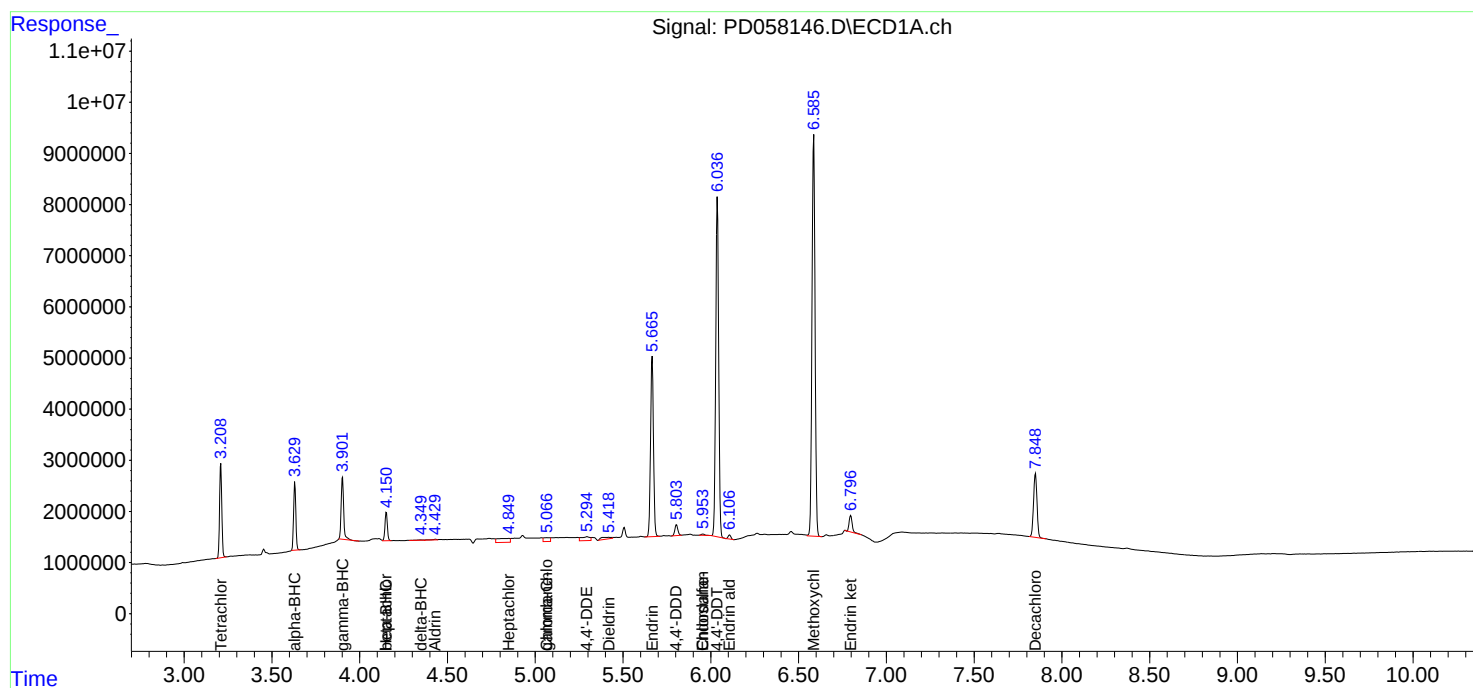
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

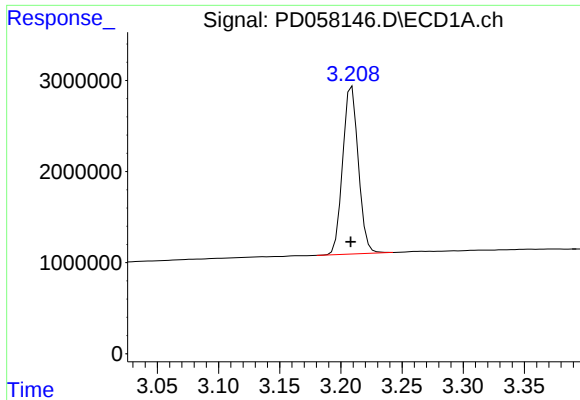
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052720\  
Data File : PD058146.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 May 2020 15:05  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 19:06:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052120.M  
Quant Title : GC Extractables  
QLast Update : Thu May 21 13:46:14 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

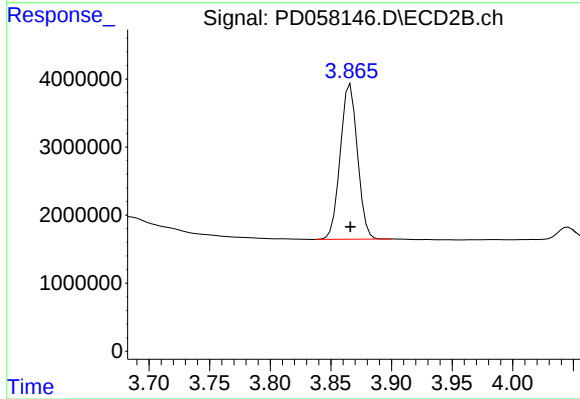




#1 Tetrachloro-m-xylene

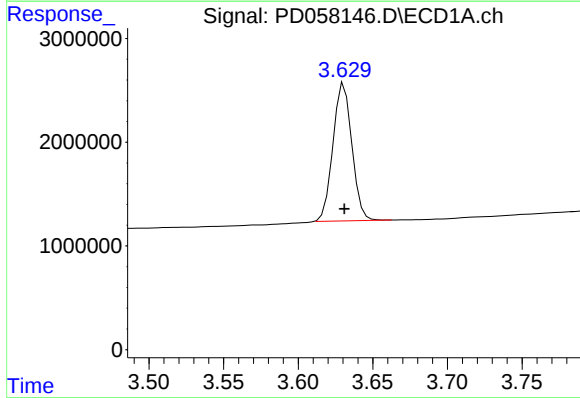
R.T.: 3.209 min  
Delta R.T.: 0.001 min  
Response: 16337677  
Conc: 20.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



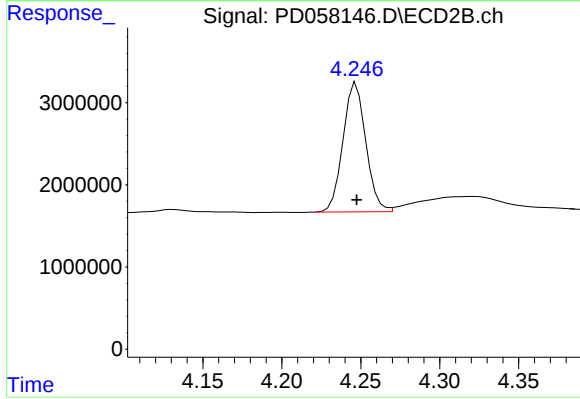
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 22490899  
Conc: 19.75 ng/ml



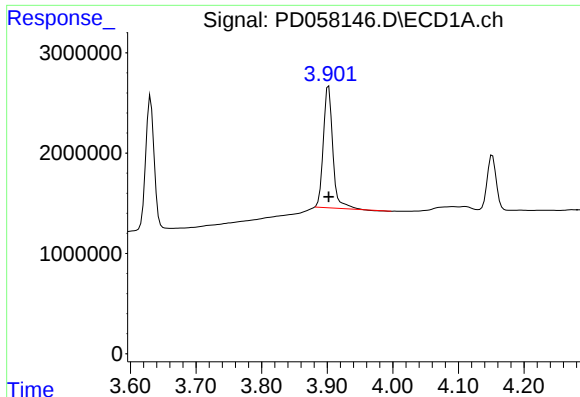
#2 alpha-BHC

R.T.: 3.631 min  
Delta R.T.: 0.000 min  
Response: 11728896  
Conc: 9.67 ng/ml



#2 alpha-BHC

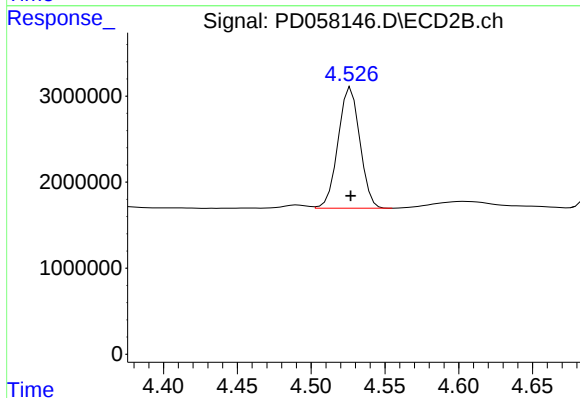
R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 15813848  
Conc: 9.29 ng/ml



#3 gamma-BHC (Lindane)

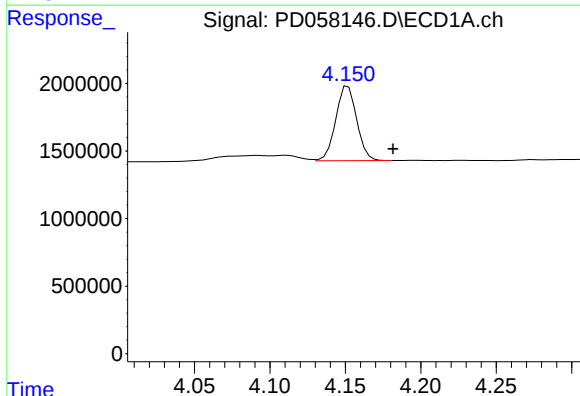
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 12114216  
Conc: 10.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



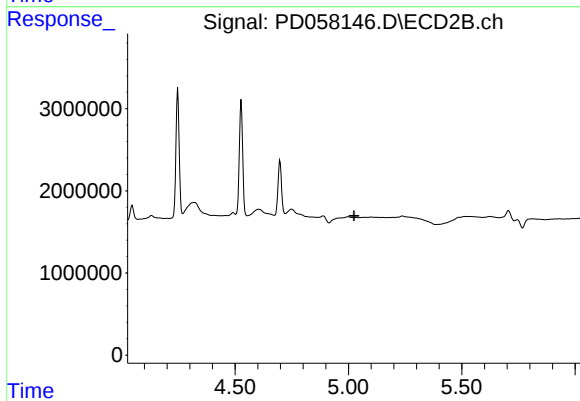
#3 gamma-BHC (Lindane)

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 14449733  
Conc: 8.73 ng/ml



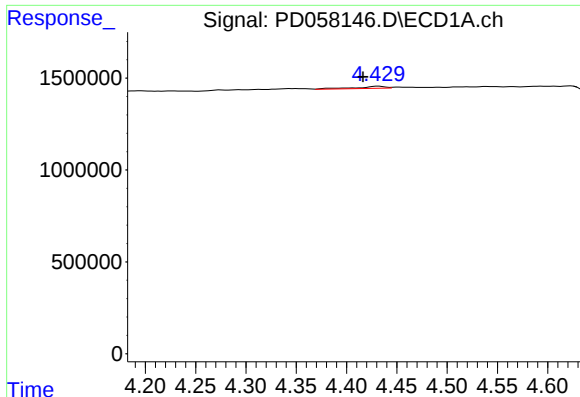
#4 Heptachlor

R.T.: 4.152 min  
Delta R.T.: -0.030 min  
Response: 5339016  
Conc: 4.99 ng/ml



#4 Heptachlor

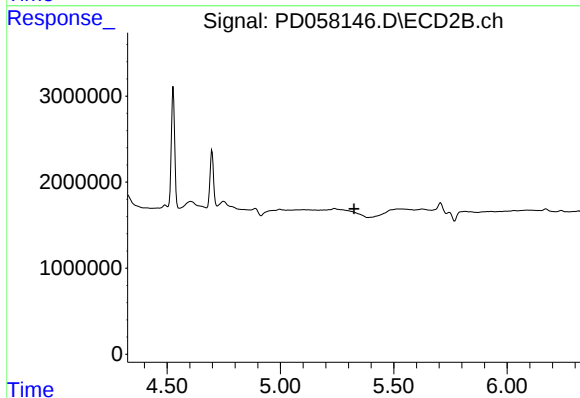
R.T.: 0.000 min  
Exp R.T.: 5.026 min  
Response: 0  
Conc: N.D.



#5 Aldrin

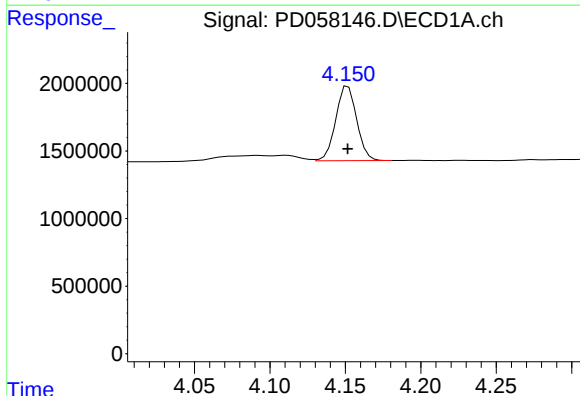
R.T.: 4.431 min  
Delta R.T.: 0.015 min  
Response: 236878  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



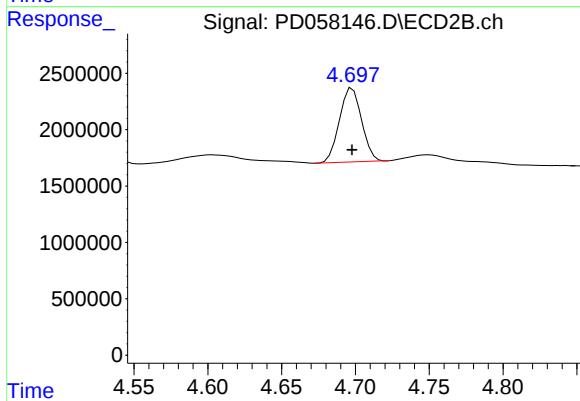
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.325 min  
Response: 0  
Conc: N.D.



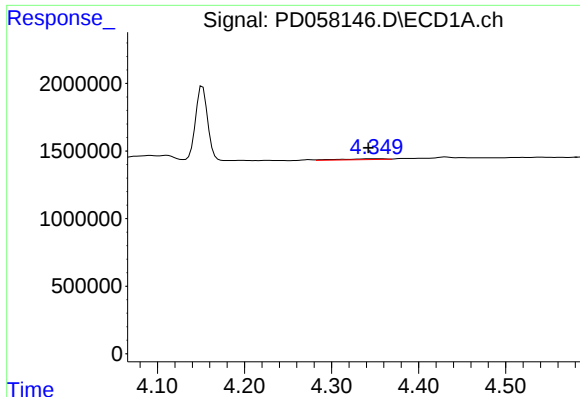
#6 beta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 5339016  
Conc: 11.04 ng/ml



#6 beta-BHC

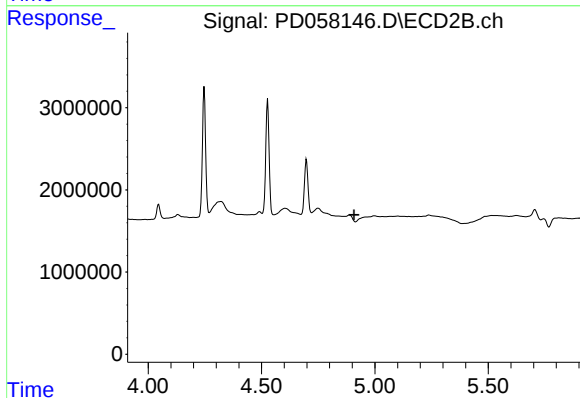
R.T.: 4.698 min  
Delta R.T.: 0.000 min  
Response: 6876982  
Conc: 10.26 ng/ml



#7 delta-BHC

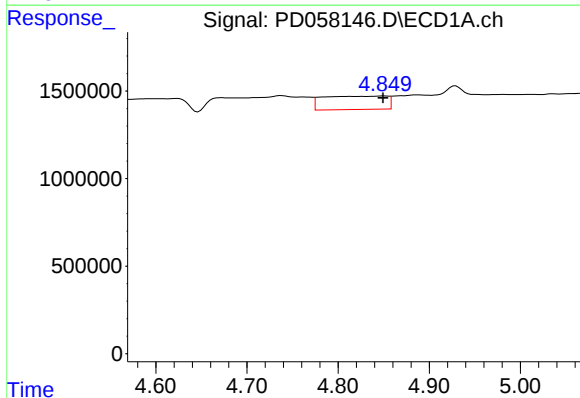
R.T.: 4.349 min  
Delta R.T.: 0.007 min  
Response: 223721  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



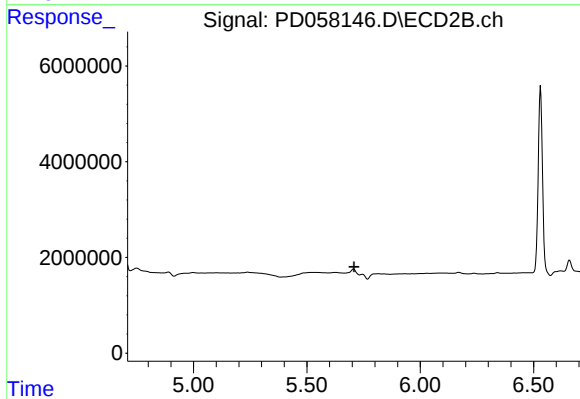
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.909 min  
Response: 0  
Conc: N.D.



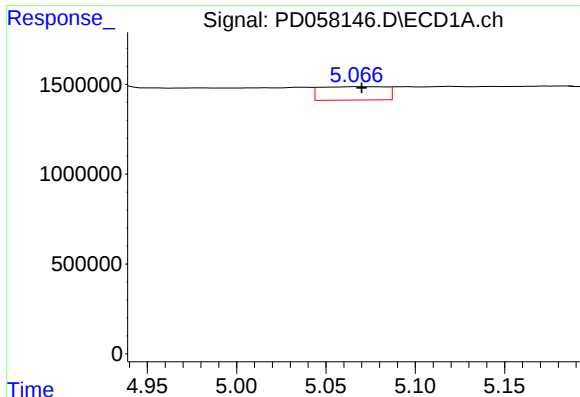
#8 Heptachlor epoxide

R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 3726702  
Conc: 3.82 ng/ml



#8 Heptachlor epoxide

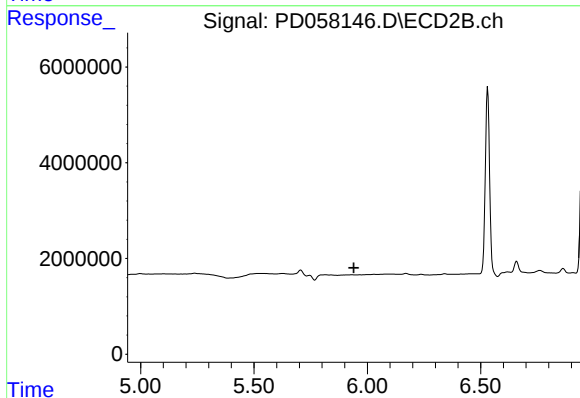
R.T.: 0.000 min  
Exp R.T. : 5.708 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

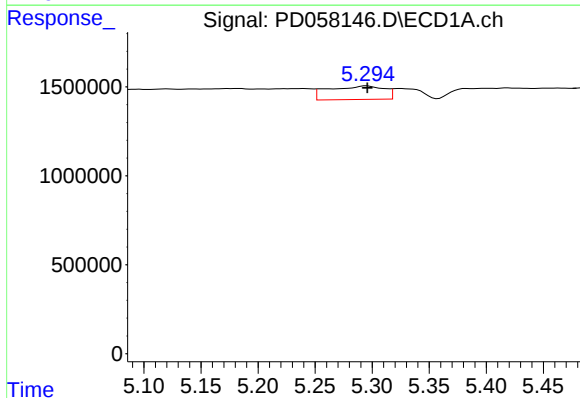
R.T.: 5.068 min  
Delta R.T.: -0.002 min  
Response: 1891327  
Conc: 1.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



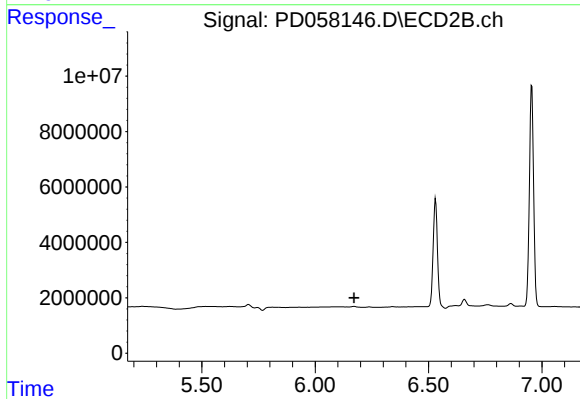
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.940 min  
Response: 0  
Conc: N.D.



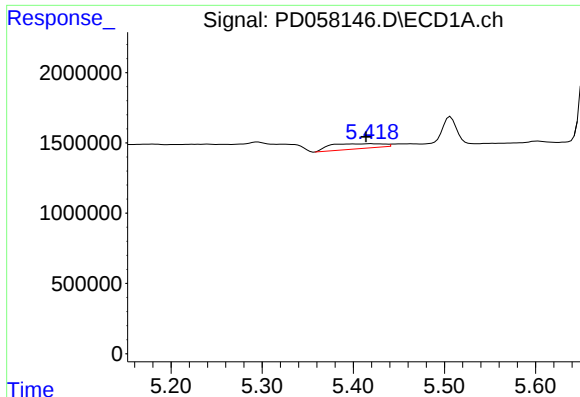
#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 2583110  
Conc: 2.77 ng/ml



#12 4,4'-DDE

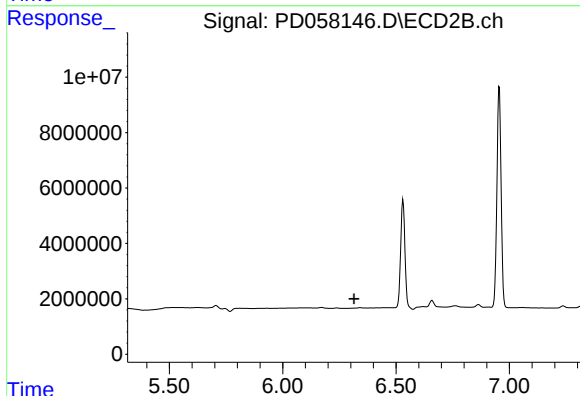
R.T.: 0.000 min  
Exp R.T. : 6.172 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

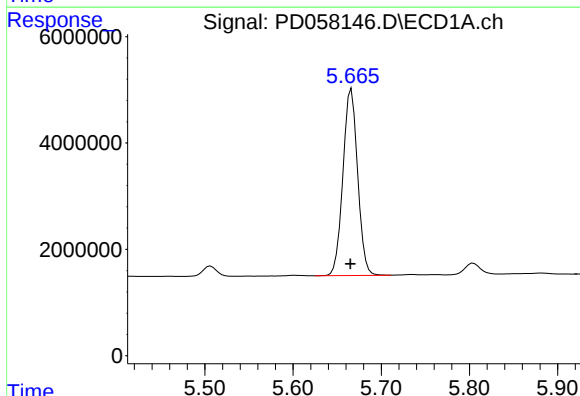
R.T.: 5.419 min  
Delta R.T.: 0.005 min  
Response: 1477234  
Conc: 1.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



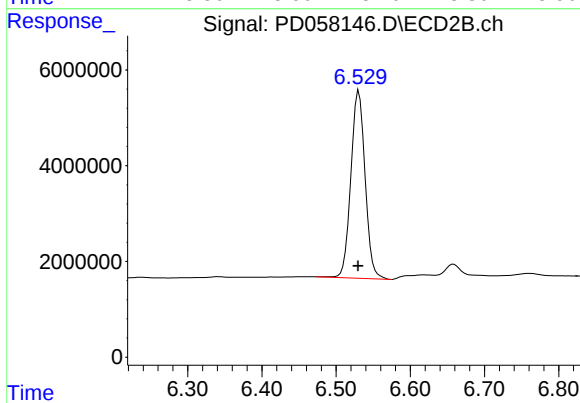
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.315 min  
Response: 0  
Conc: N.D.



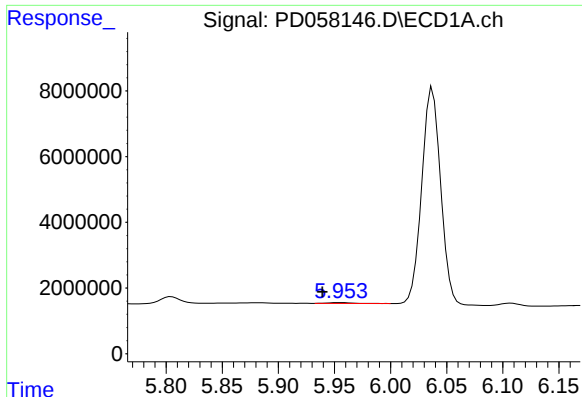
#14 Endrin

R.T.: 5.666 min  
Delta R.T.: 0.001 min  
Response: 40607459  
Conc: 50.76 ng/ml



#14 Endrin

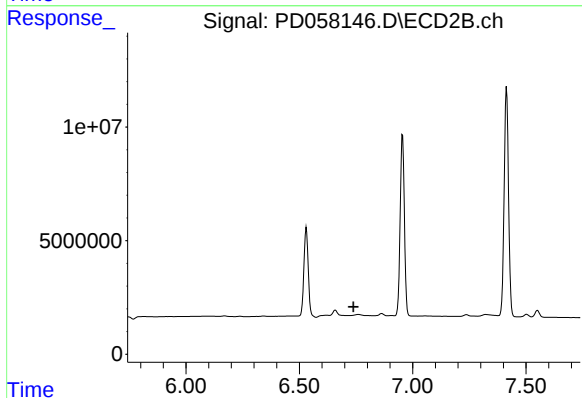
R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 52164702  
Conc: 49.39 ng/ml



#15 Endosulfan II

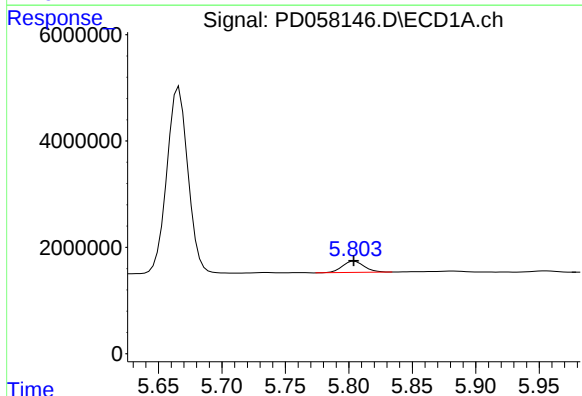
R.T.: 5.955 min  
Delta R.T.: 0.016 min  
Response: 333502  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



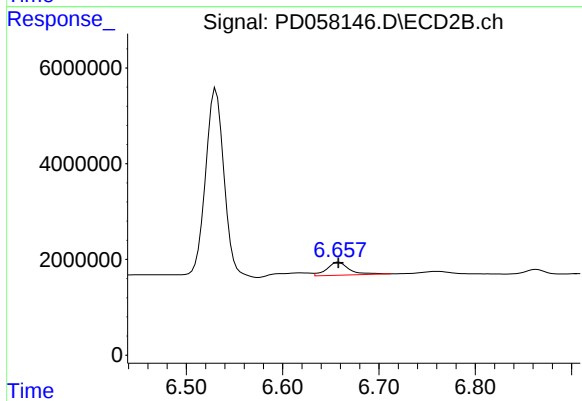
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.739 min  
Response: 0  
Conc: N.D.



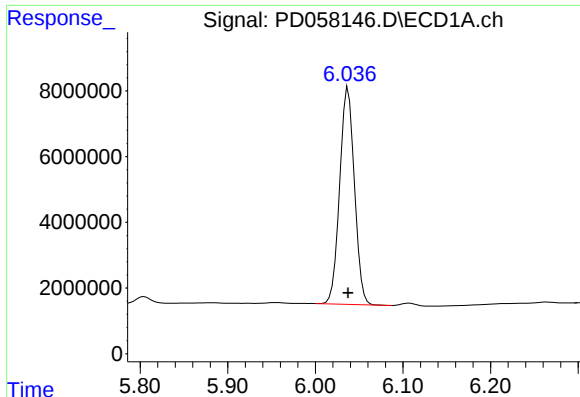
#16 4,4'-DDD

R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 2522028  
Conc: 3.13 ng/ml



#16 4,4'-DDD

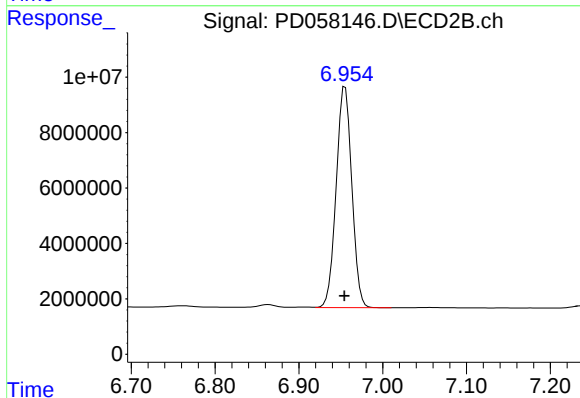
R.T.: 6.658 min  
Delta R.T.: 0.000 min  
Response: 4420947  
Conc: 3.99 ng/ml



#17 4,4'-DDT

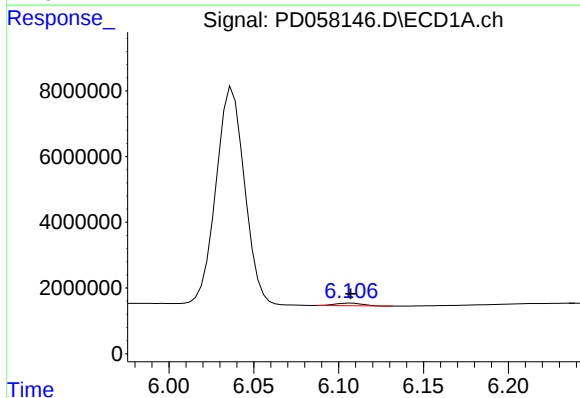
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 77273600  
Conc: 112.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



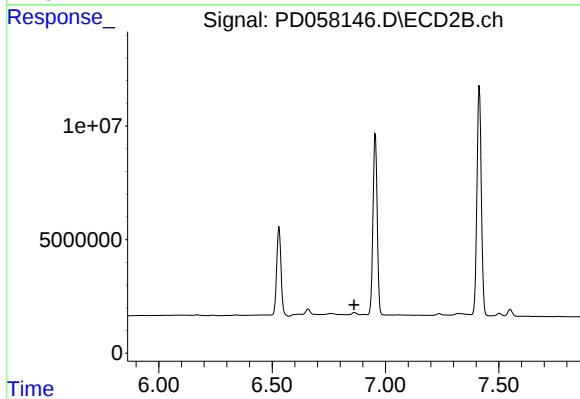
#17 4,4'-DDT

R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 103252439  
Conc: 103.71 ng/ml



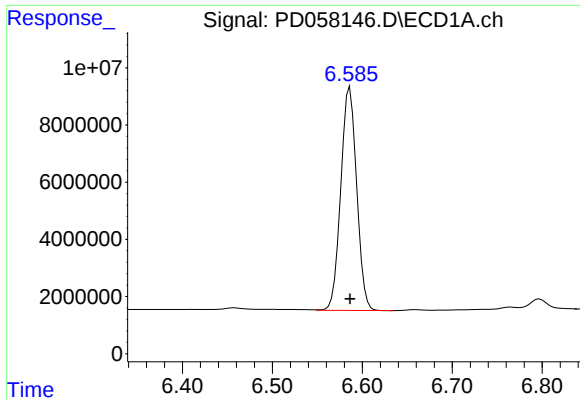
#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 897317  
Conc: 1.23 ng/ml



#18 Endrin aldehyde

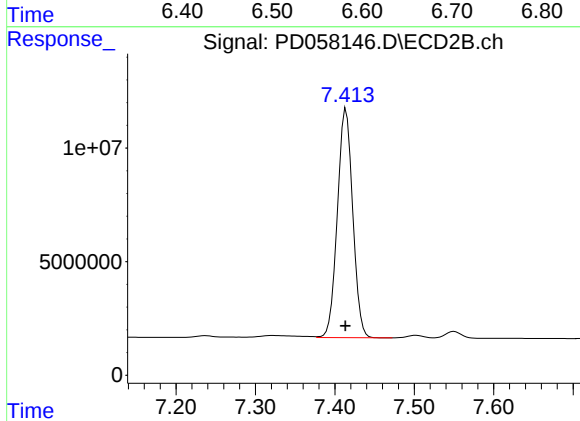
R.T.: 0.000 min  
Exp R.T. : 6.862 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

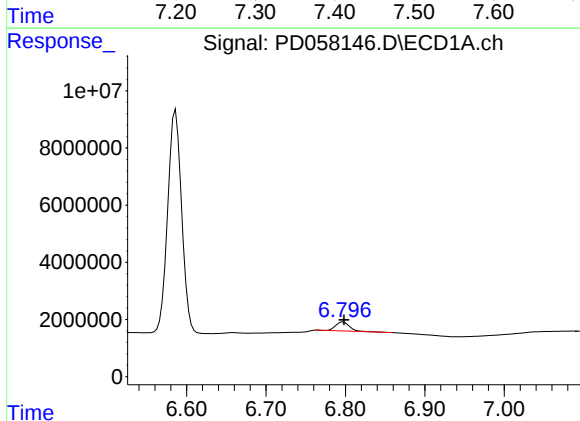
R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 95775703  
Conc: 242.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



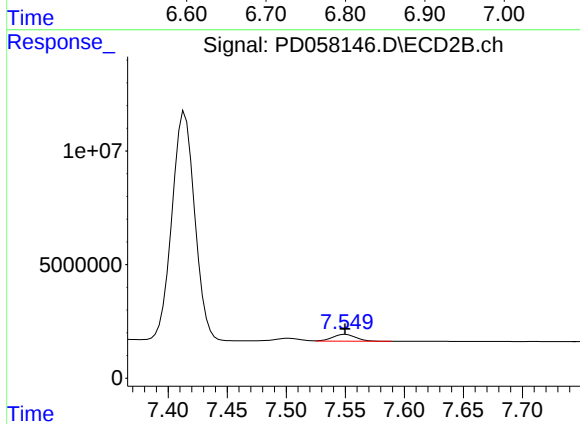
#20 Methoxychlor

R.T.: 7.414 min  
Delta R.T.: 0.000 min  
Response: 135608386  
Conc: 235.07 ng/ml



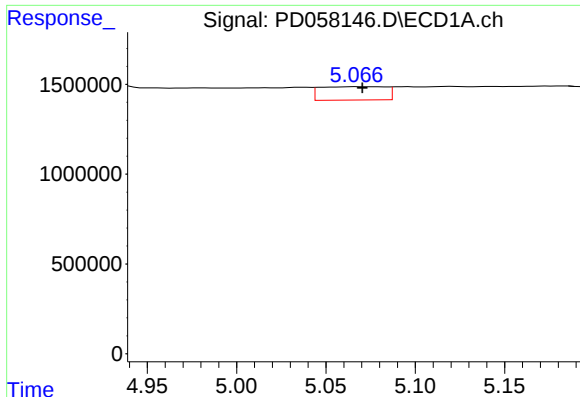
#21 Endrin ketone

R.T.: 6.797 min  
Delta R.T.: -0.001 min  
Response: 3820622  
Conc: 3.53 ng/ml



#21 Endrin ketone

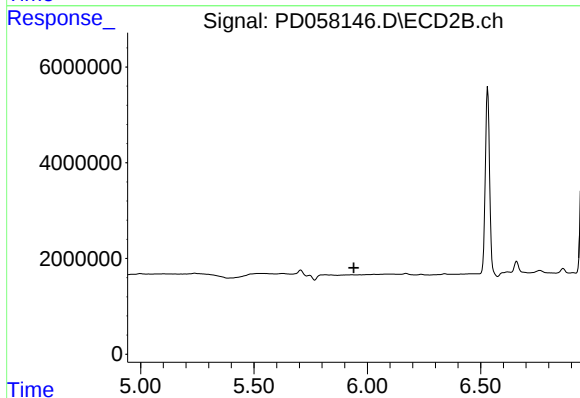
R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 4056930  
Conc: 3.08 ng/ml



#25 Chlordane-3

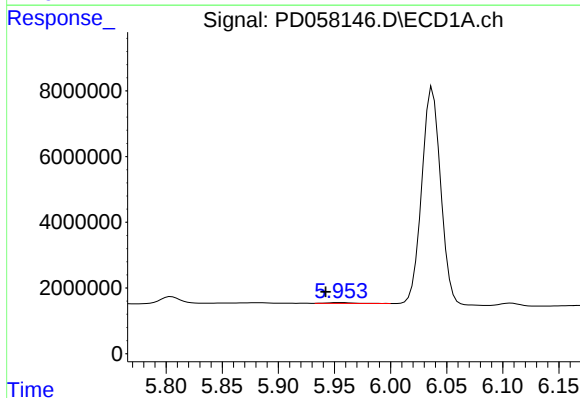
R.T.: 5.068 min  
Delta R.T.: -0.003 min  
Response: 1891327  
Conc: 21.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



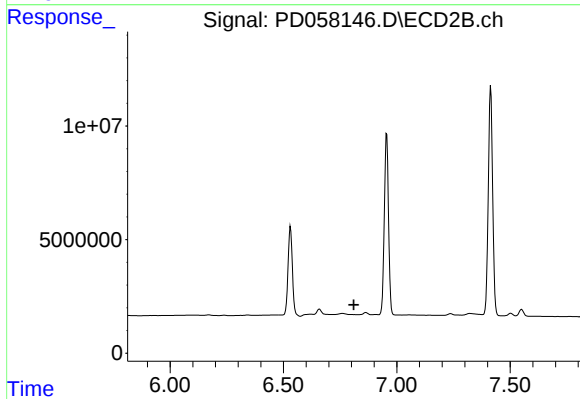
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.941 min  
Response: 0  
Conc: N.D.



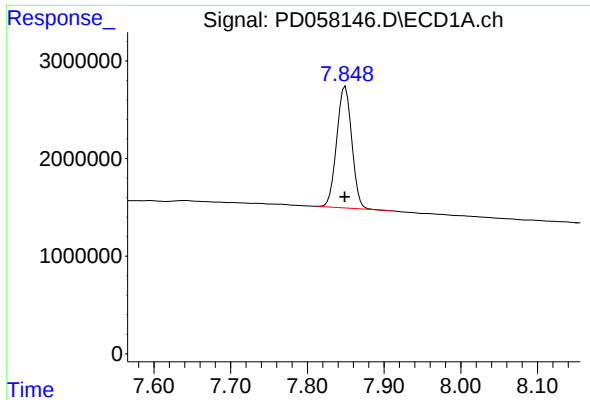
#27 Chlordane-5

R.T.: 5.955 min  
Delta R.T.: 0.013 min  
Response: 333502  
Conc: 12.35 ng/ml



#27 Chlordane-5

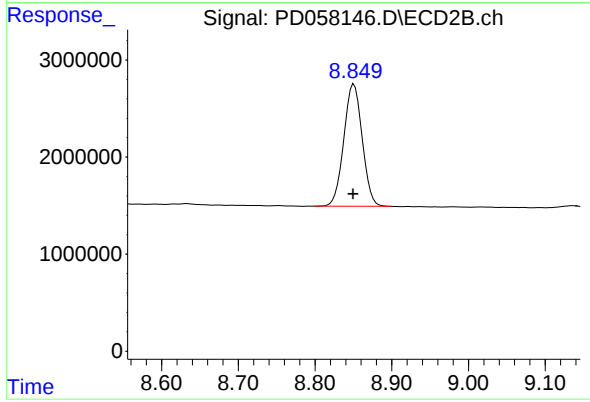
R.T.: 0.000 min  
Exp R.T. : 6.810 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.849 min  
Delta R.T.: 0.000 min  
Response: 17002764  
Conc: 21.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 8.851 min  
Delta R.T.: 0.000 min  
Response: 21105453  
Conc: 20.36 ng/ml