

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
 Data File : PD065850.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2021 13:05  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 05:11:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 2021  
 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... | 3.493  | 4.012 | 17356344 | 137.3E6  | 23.437  | 23.906  |
| 28)                         | SA Decachlor... | 8.235  | 9.083 | 31809846 | 93753935 | 23.288  | 24.225  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.932  | 4.407 | 12112066 | 100.4E6  | 10.785  | 11.940  |
| 3)                          | MA gamma-BHC... | 4.215  | 4.693 | 12219573 | 93287183 | 10.897  | 12.075  |
| 6)                          | B beta-BHC      | 4.464  | 4.870 | 8633979  | 47738876 | 15.124  | 12.917  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.355 | 0        | 1721098  | N.D.    | 0.298 # |
| 14)                         | MA Endrin       | 6.042  | 6.727 | 53498935 | 252.3E6  | 50.559  | 51.177  |
| 15)                         | B Endosulfa...  | 6.316  | 6.941 | 1325017  | 2380396  | 1.227   | 0.491 # |
| 16)                         | A 4,4'-DDD      | 6.164  | 6.850 | 1174745  | 7774586  | 1.198   | 1.582 # |
| 17)                         | MA 4,4'-DDT     | 6.404  | 7.147 | 120.7E6  | 509.3E6  | 109.638 | 100.830 |
| 18)                         | B Endrin al...  | 6.482  | 7.064 | 2265684  | 7260417  | 2.556   | 1.855 # |
| 19)                         | B Endosulfa...  | 6.690  | 0.000 | 745107   | 0        | 0.653   | N.D. #  |
| 20)                         | A Methoxychlor  | 6.950  | 7.607 | 171.1E6  | 625.6E6  | 250.433 | 237.722 |
| 21)                         | B Endrin ke...  | 7.187  | 7.760 | 6869831  | 28860613 | 4.877   | 5.061   |
| 22)                         | Mirex           | 7.383  | 0.000 | 1722332  | 0        | 1.427   | N.D. #  |
| 23)                         | Chlordane-1     | 4.391f | 0.000 | 1400459  | 0        | 41.808  | N.D. #  |
| 27)                         | Chlordane-5     | 6.316  | 0.000 | 1325017  | 0        | 27.264  | N.D. #  |
| -----                       |                 |        |       |          |          |         |         |

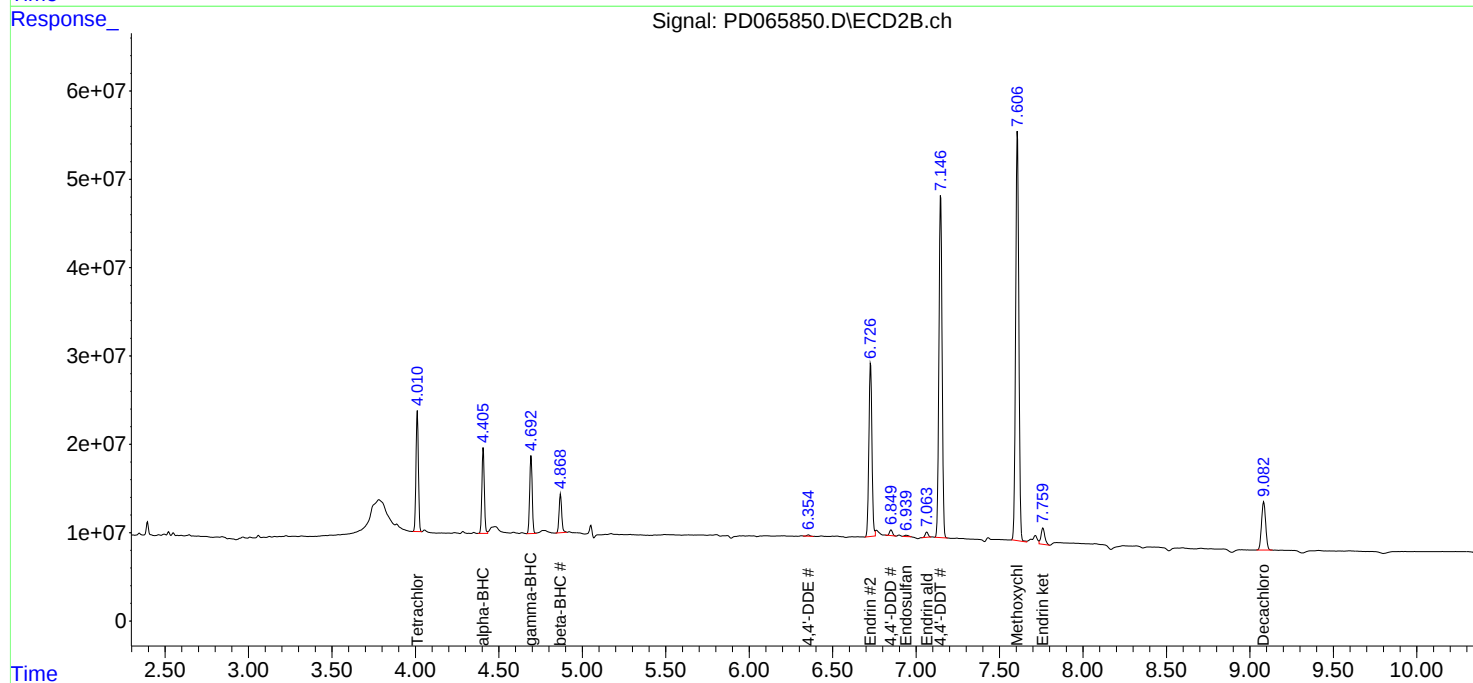
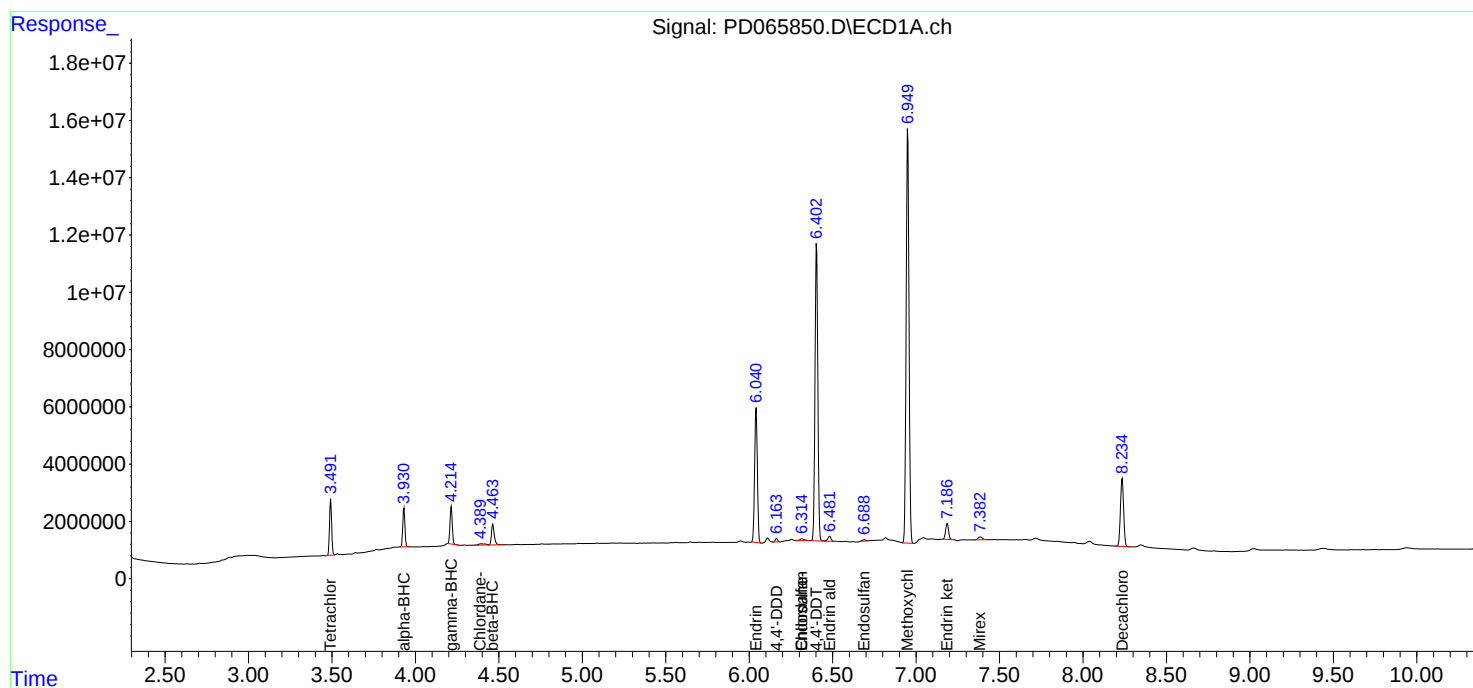
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

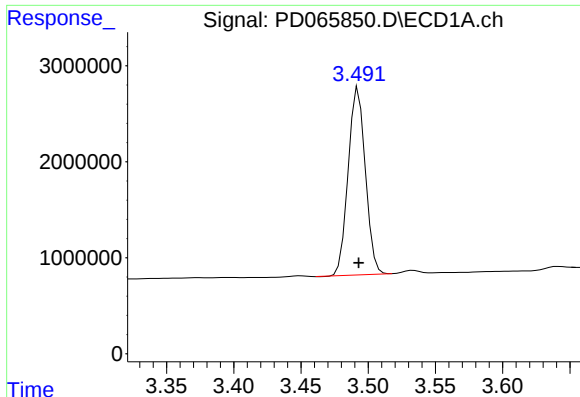
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
Data File : PD065850.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2021 13:05  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 05:11:32 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 23 12:18:33 2021  
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

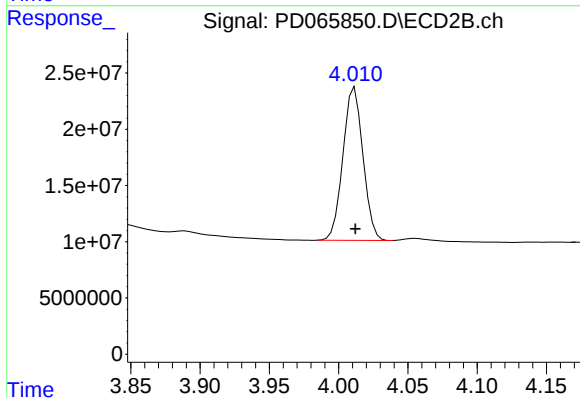




#1 Tetrachloro-m-xylene

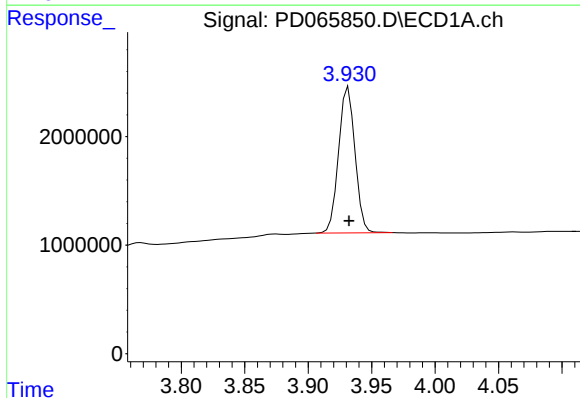
R.T.: 3.493 min  
Delta R.T.: 0.000 min  
Response: 17356344  
Conc: 23.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



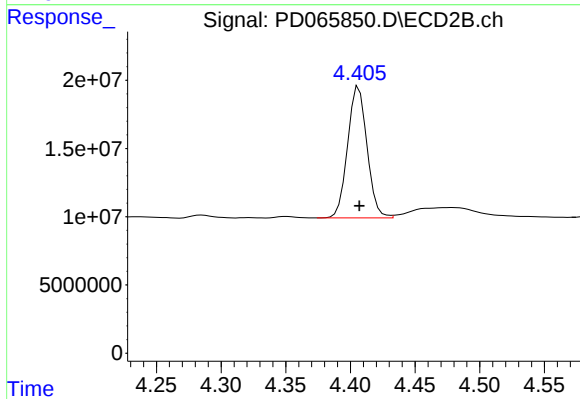
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 137270602  
Conc: 23.91 ng/ml



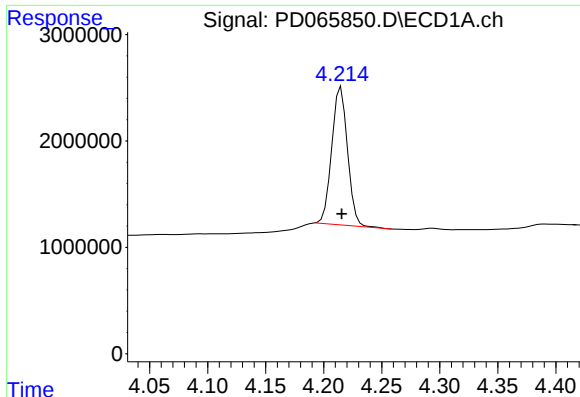
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 12112066  
Conc: 10.78 ng/ml



#2 alpha-BHC

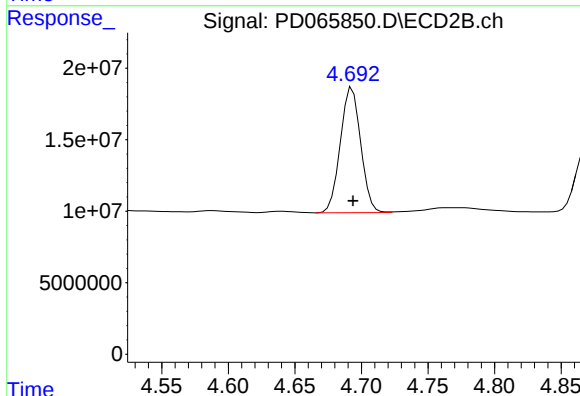
R.T.: 4.407 min  
Delta R.T.: 0.000 min  
Response: 100396553  
Conc: 11.94 ng/ml



#3 gamma-BHC (Lindane)

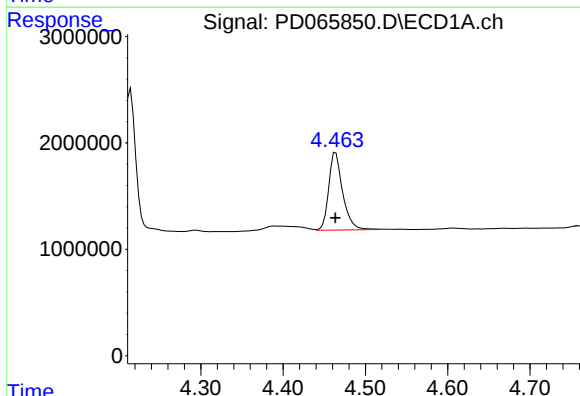
R.T.: 4.215 min  
Delta R.T.: 0.000 min  
Response: 12219573  
Conc: 10.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



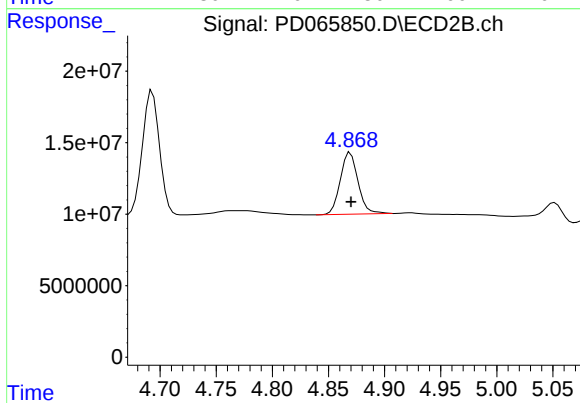
#3 gamma-BHC (Lindane)

R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 93287183  
Conc: 12.07 ng/ml



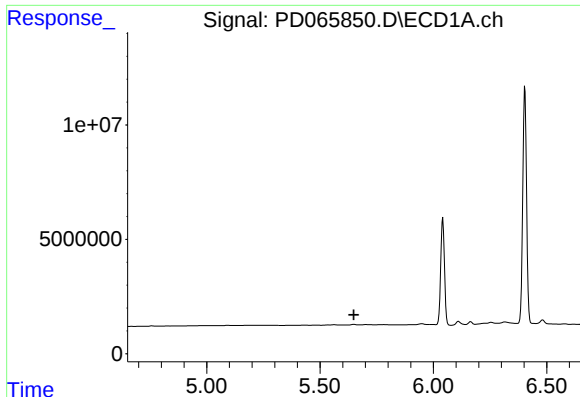
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 8633979  
Conc: 15.12 ng/ml



#6 beta-BHC

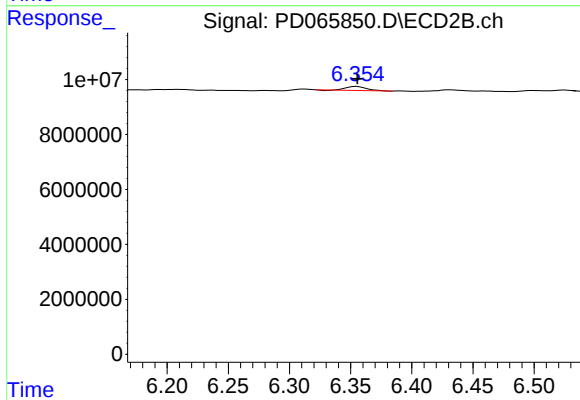
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 47738876  
Conc: 12.92 ng/ml



#12 4,4'-DDE

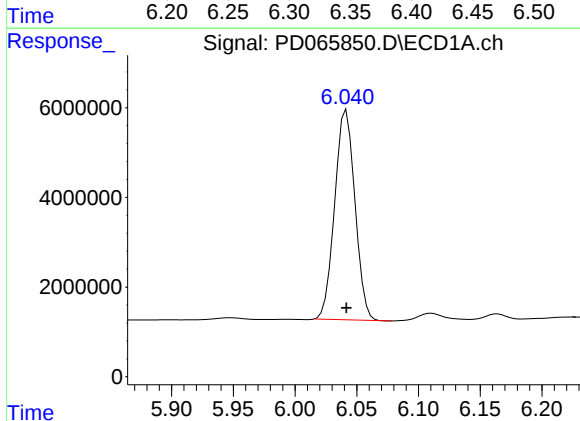
R.T.: 0.000 min  
Exp R.T.: 5.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



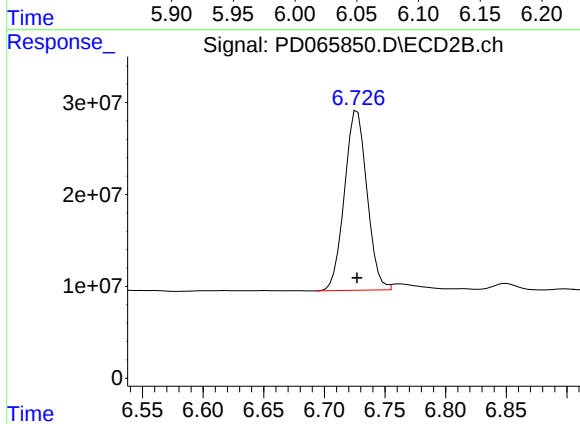
#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 1721098  
Conc: 0.30 ng/ml



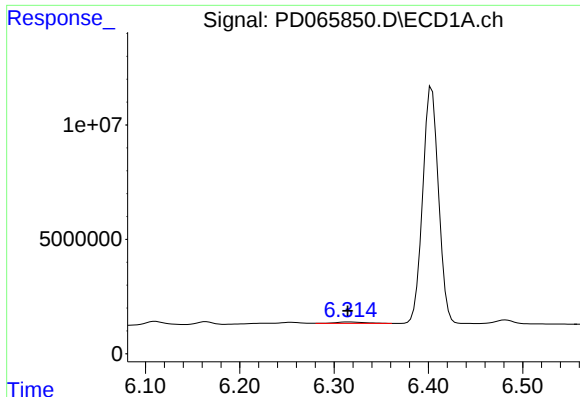
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 53498935  
Conc: 50.56 ng/ml



#14 Endrin

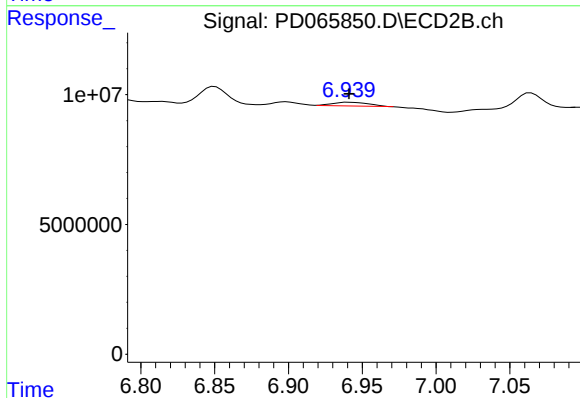
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 252304624  
Conc: 51.18 ng/ml



#15 Endosulfan II

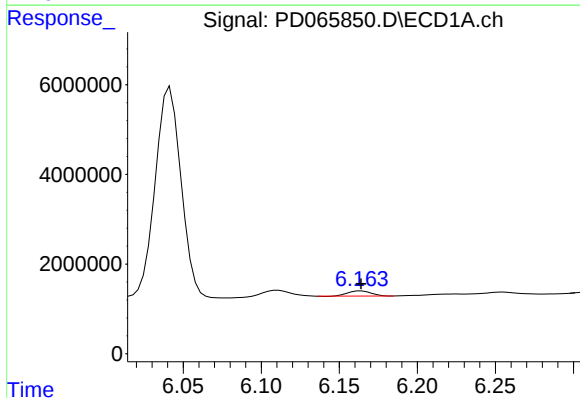
R.T.: 6.316 min  
Delta R.T.: 0.001 min  
Response: 1325017  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



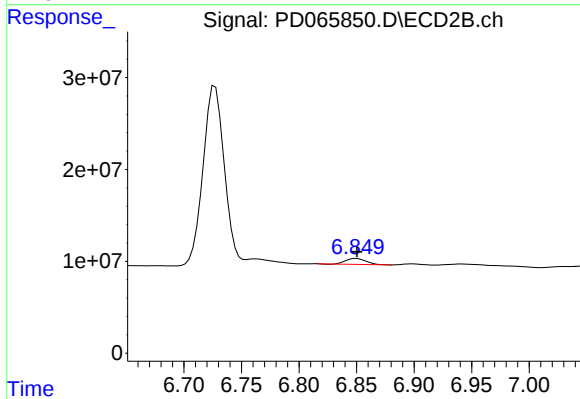
#15 Endosulfan II

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 2380396  
Conc: 0.49 ng/ml



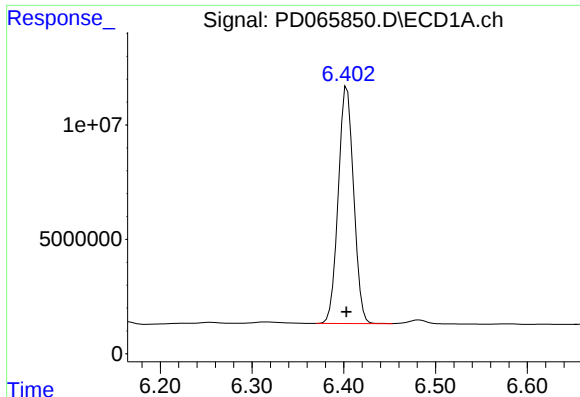
#16 4,4'-DDD

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 1174745  
Conc: 1.20 ng/ml



#16 4,4'-DDD

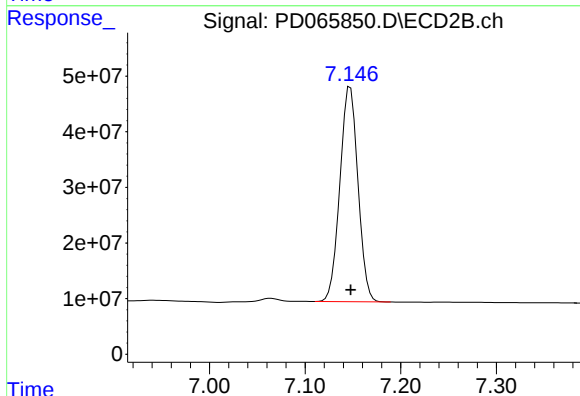
R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 7774586  
Conc: 1.58 ng/ml



#17 4,4'-DDT

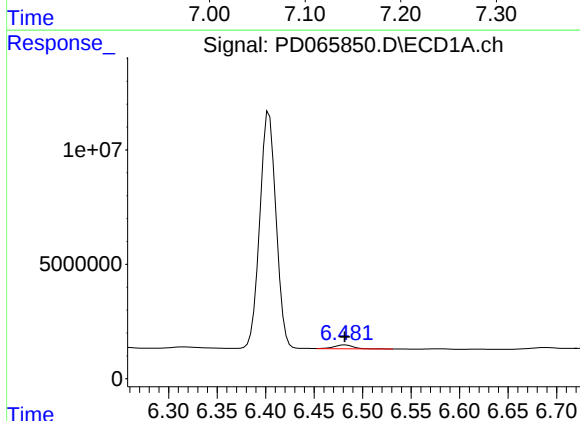
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 120678364  
Conc: 109.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



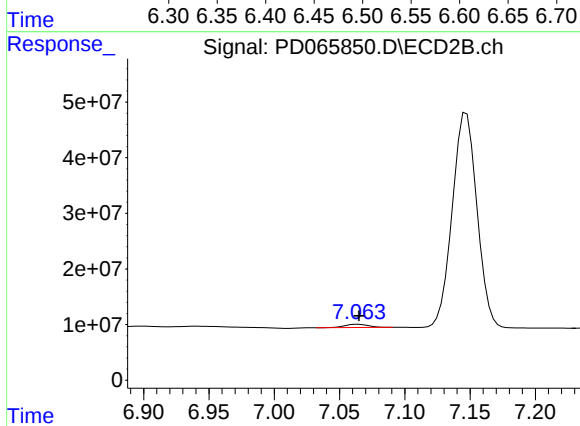
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 509331318  
Conc: 100.83 ng/ml



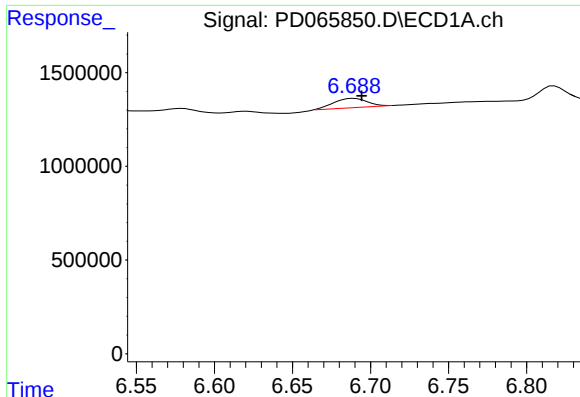
#18 Endrin aldehyde

R.T.: 6.482 min  
Delta R.T.: 0.000 min  
Response: 2265684  
Conc: 2.56 ng/ml



#18 Endrin aldehyde

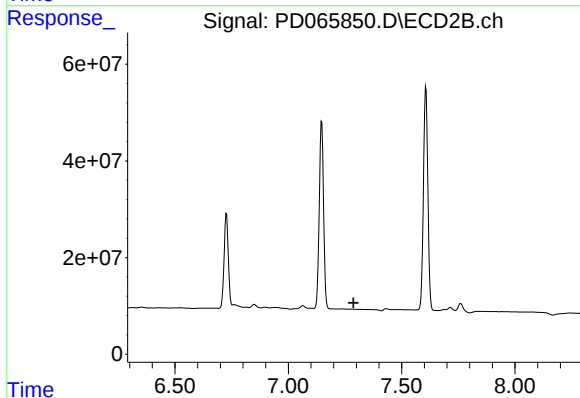
R.T.: 7.064 min  
Delta R.T.: 0.000 min  
Response: 7260417  
Conc: 1.85 ng/ml



#19 Endosulfan Sulfate

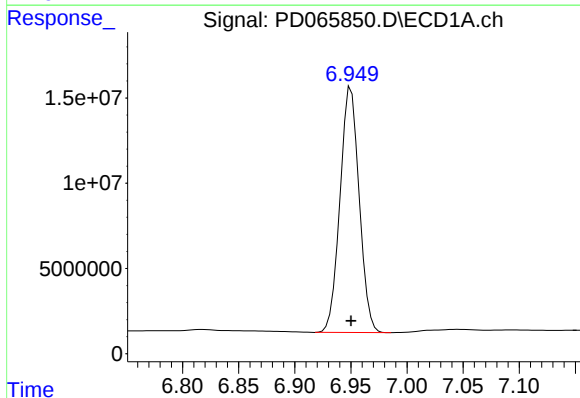
R.T.: 6.690 min  
Delta R.T.: -0.005 min  
Response: 745107  
Conc: 0.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



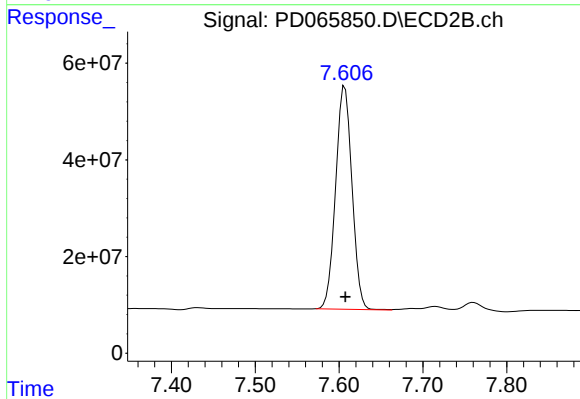
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.288 min  
Response: 0  
Conc: N.D.



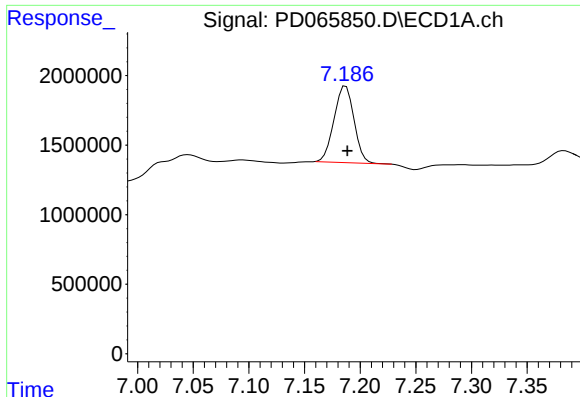
#20 Methoxychlor

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 171136015  
Conc: 250.43 ng/ml



#20 Methoxychlor

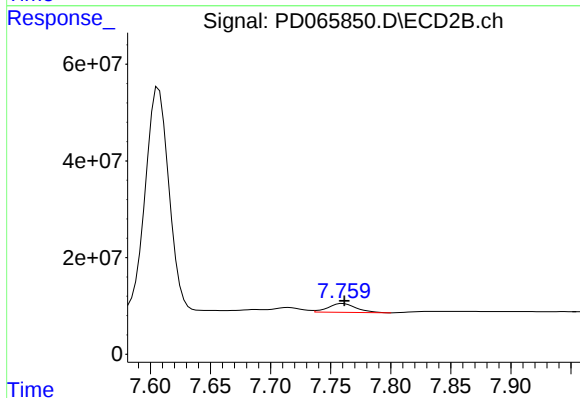
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 625593441  
Conc: 237.72 ng/ml



#21 Endrin ketone

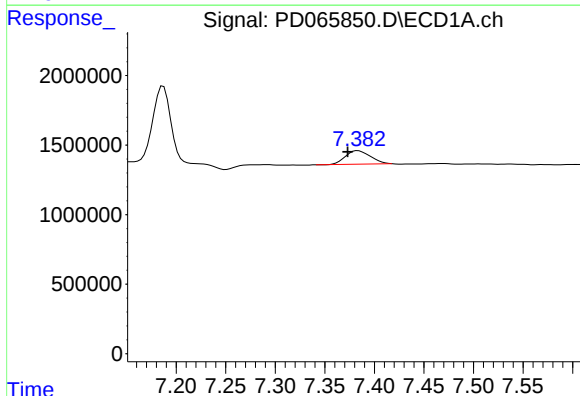
R.T.: 7.187 min  
Delta R.T.: -0.002 min  
Response: 6869831  
Conc: 4.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



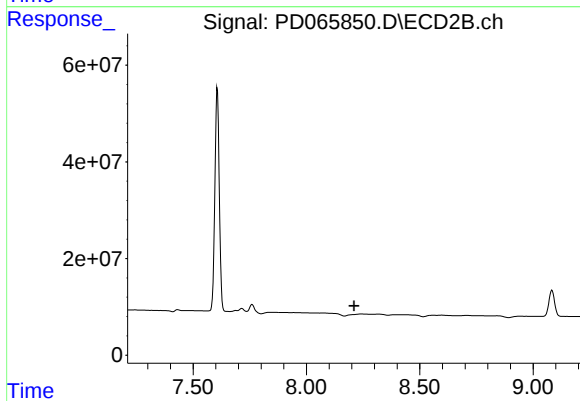
#21 Endrin ketone

R.T.: 7.760 min  
Delta R.T.: -0.001 min  
Response: 28860613  
Conc: 5.06 ng/ml



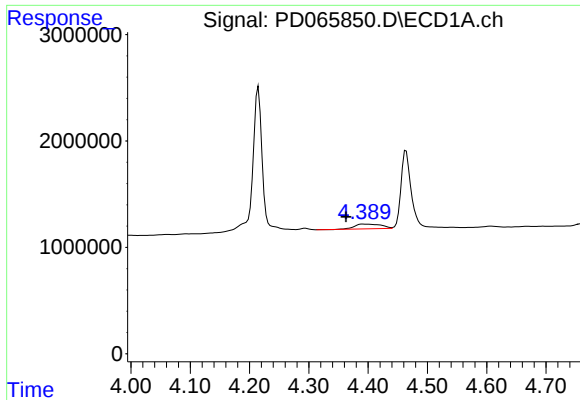
#22 Mirex

R.T.: 7.383 min  
Delta R.T.: 0.010 min  
Response: 1722332  
Conc: 1.43 ng/ml



#22 Mirex

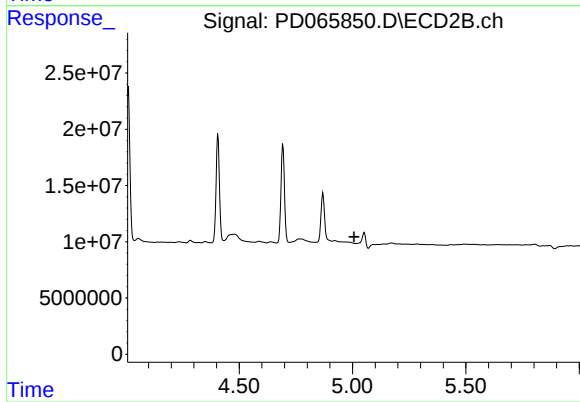
R.T.: 0.000 min  
Exp R.T.: 8.210 min  
Response: 0  
Conc: N.D.



# #23 Chlordane-1

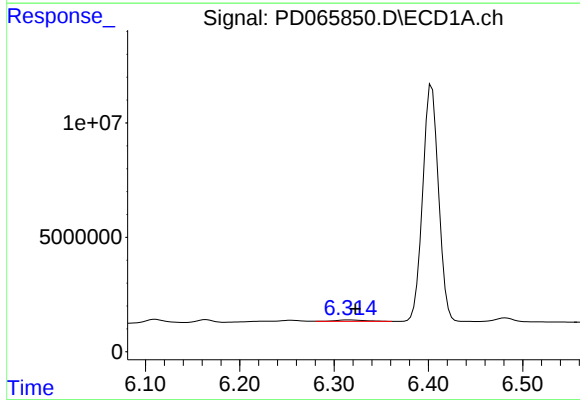
R.T.: 4.391 min  
Delta R.T.: 0.028 min  
Response: 1400459  
Conc: 41.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



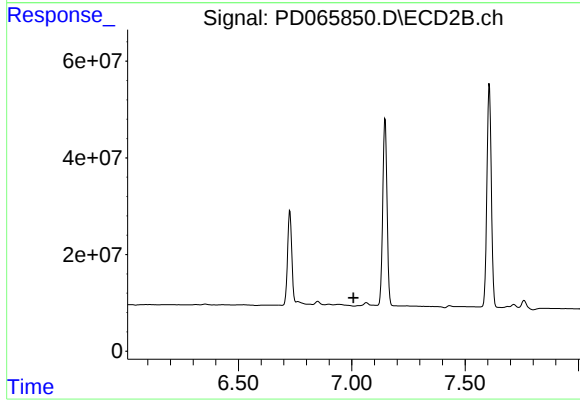
# #23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.007 min  
Response: 0  
Conc: N.D.



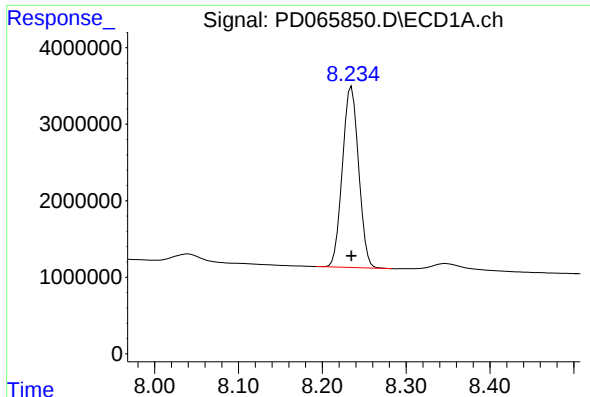
# #27 Chlordane-5

R.T.: 6.316 min  
Delta R.T.: -0.007 min  
Response: 1325017  
Conc: 27.26 ng/ml



# #27 Chlordane-5

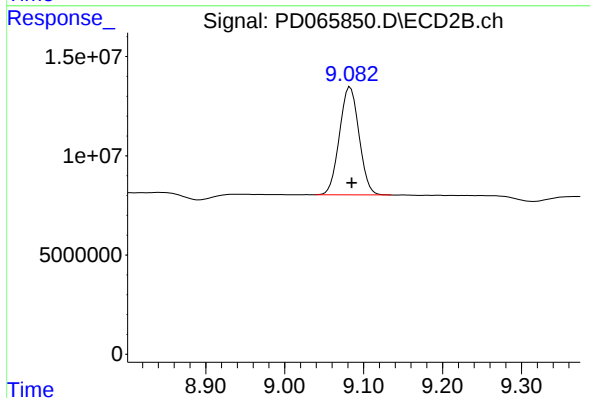
R.T.: 0.000 min  
Exp R.T. : 7.008 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.235 min  
Delta R.T.: 0.000 min  
Response: 31809846  
Conc: 23.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: -0.002 min  
Response: 93753935  
Conc: 24.22 ng/ml