

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080323\  
 Data File : PD076982.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2023 10:52  
 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: Aug 03 17:52:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 14:17:41 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|----------|
| -----                       |                 |        |       |          |          |         |          |
| System Monitoring Compounds |                 |        |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.543  | 2.762 | 43708942 | 26204679 | 18.470  | 19.238   |
| 2)                          | SA Decachlor... | 9.085  | 7.903 | 51728995 | 26755936 | 18.878  | 18.696   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.999  | 3.264 | 33991191 | 17908425 | 8.853   | 9.258    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.593 | 32607161 | 16372400 | 8.859   | 8.801    |
| 6)                          | B beta-BHC      | 4.530  | 3.891 | 15180211 | 8278862  | 10.088  | 10.852   |
| 8)                          | B Heptachlo...  | 5.686  | 0.000 | 1101553  | 0        | 0.333   | N.D. #   |
| 11)                         | B alpha-Chl...  | 6.001f | 0.000 | 178353   | 0        | 0.054   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.221 | 708028   | 867785   | 0.239   | 0.598 #  |
| 14)                         | MA Endrin       | 6.588  | 5.625 | 122.4E6  | 65834883 | 44.057  | 44.993   |
| 15)                         | B Endosulfa...  | 6.781f | 5.934 | 23856142 | 734742   | 7.498   | 0.498 #  |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.777 | 690755   | 380009   | 0.294   | 0.342    |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.025 | 244.7E6  | 119.7E6  | 100.648 | 107.700  |
| 18)                         | B Endrin al...  | 6.937  | 6.101 | 2302333  | 3085403  | 1.054   | 2.710 #  |
| 20)                         | A Methoxychlor  | 7.512  | 6.600 | 331.7E6  | 142.9E6  | 234.090 | 238.909  |
| 21)                         | B Endrin ke...  | 7.659  | 6.829 | 5368992  | 3328510  | 1.783   | 2.099    |
| 22)                         | Mirex           | 8.164f | 0.000 | 86702    | 0        | 0.038   | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.934 | 0        | 734742   | N.D.    | 12.298 # |
| -----                       |                 |        |       |          |          |         |          |

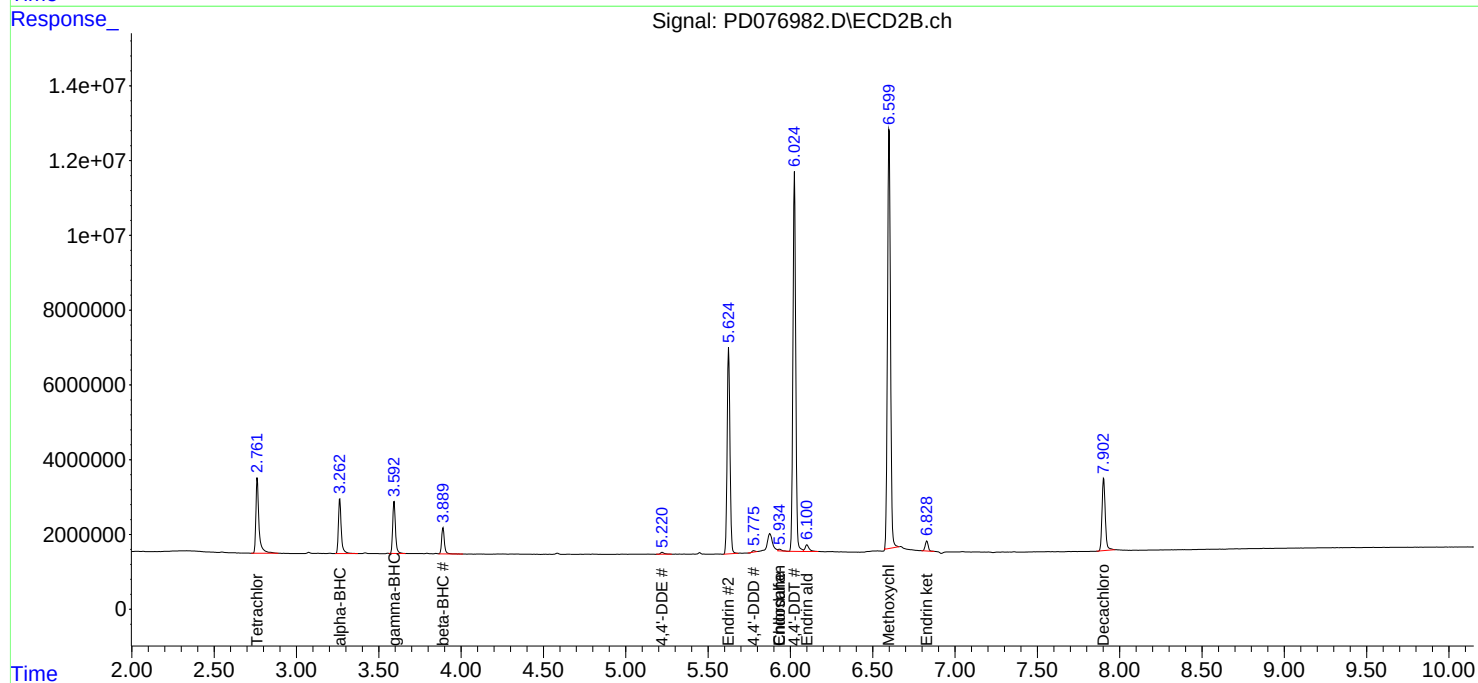
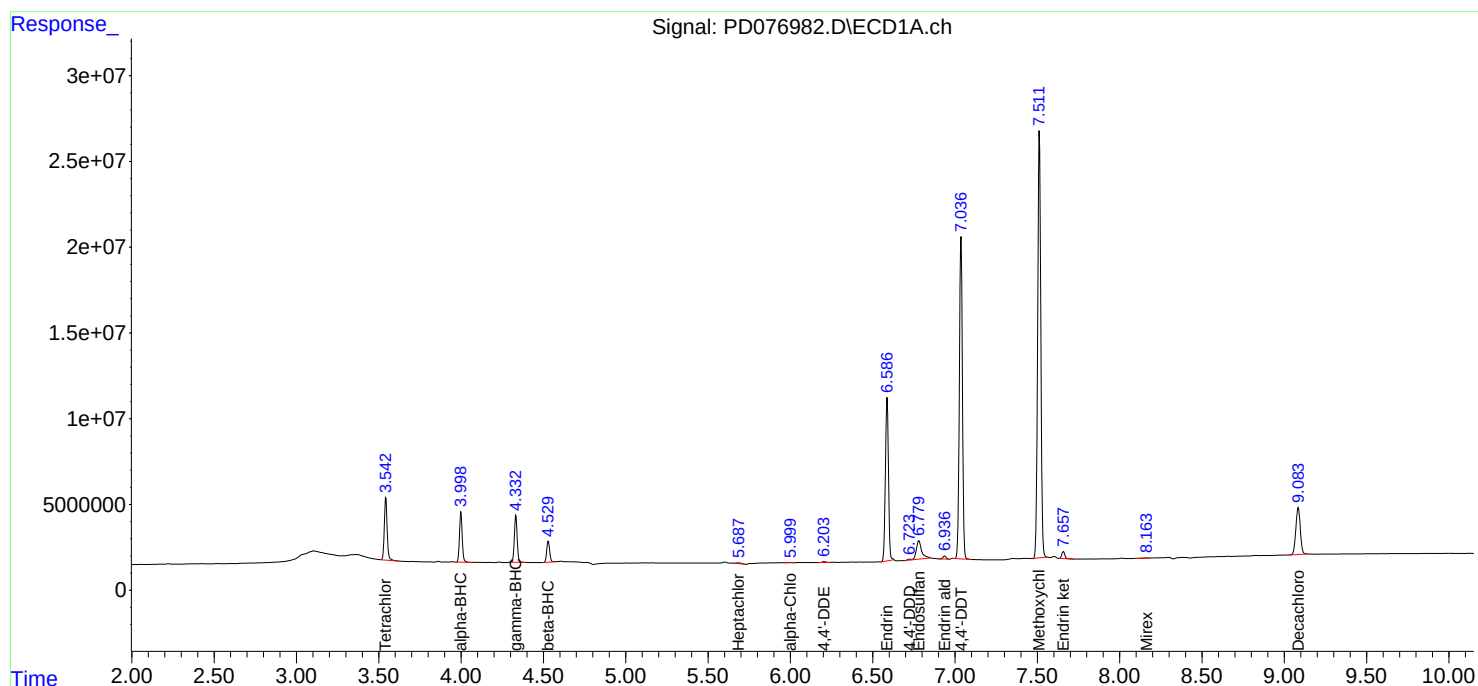
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

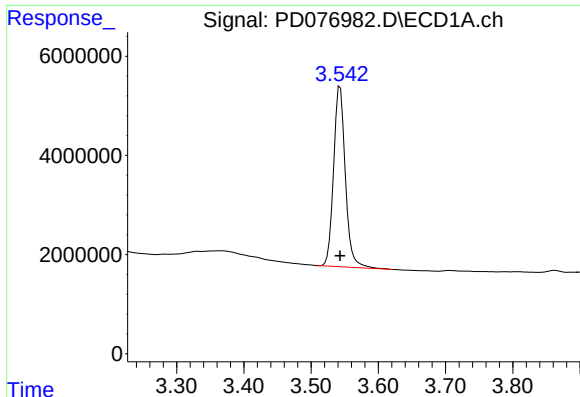
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080323\  
Data File : PD076982.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2023 10:52  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 17:52:41 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 14:17:41 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

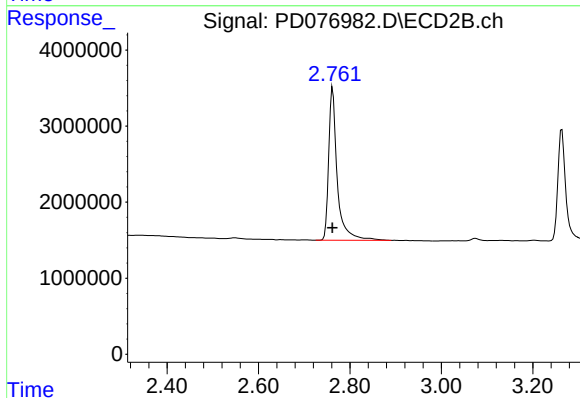




#1 Tetrachloro-m-xylene

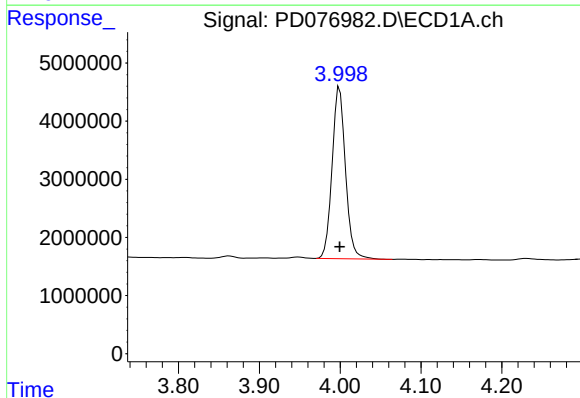
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 43708942  
Conc: 18.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



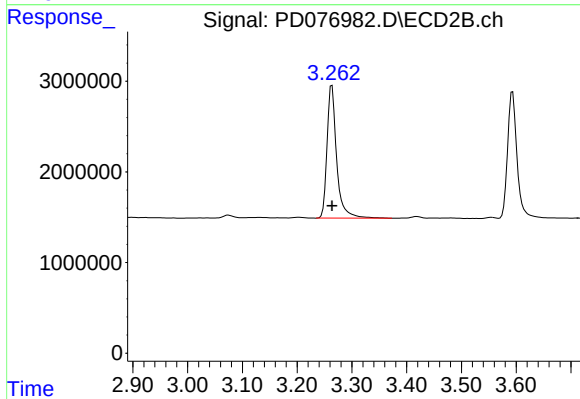
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 26204679  
Conc: 19.24 ng/ml



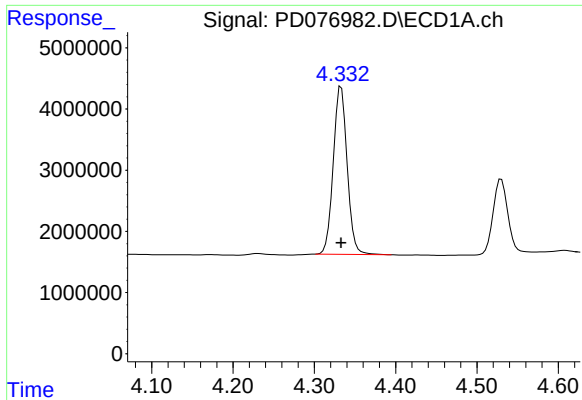
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 33991191  
Conc: 8.85 ng/ml



#2 alpha-BHC

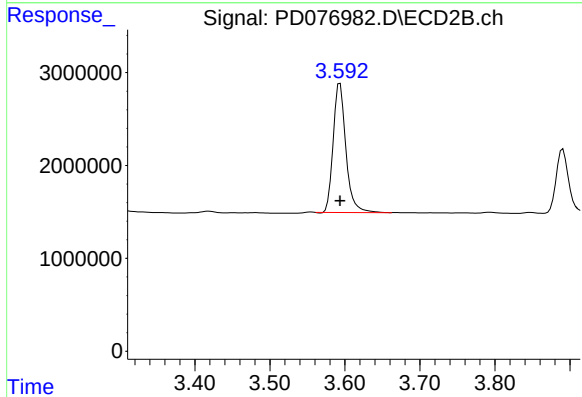
R.T.: 3.264 min  
Delta R.T.: 0.000 min  
Response: 17908425  
Conc: 9.26 ng/ml



#3 gamma-BHC (Lindane)

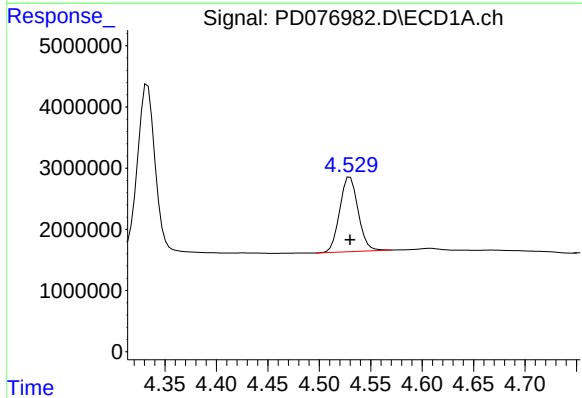
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 32607161  
Conc: 8.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



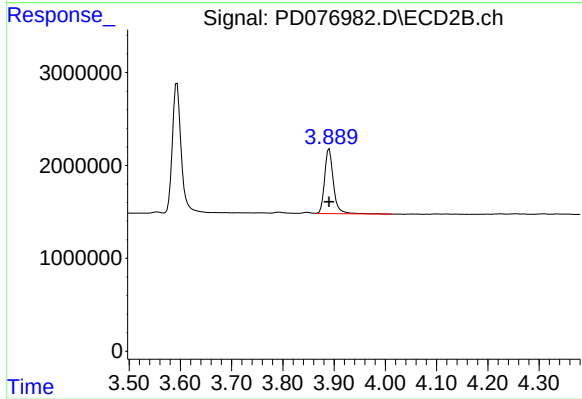
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.000 min  
Response: 16372400  
Conc: 8.80 ng/ml



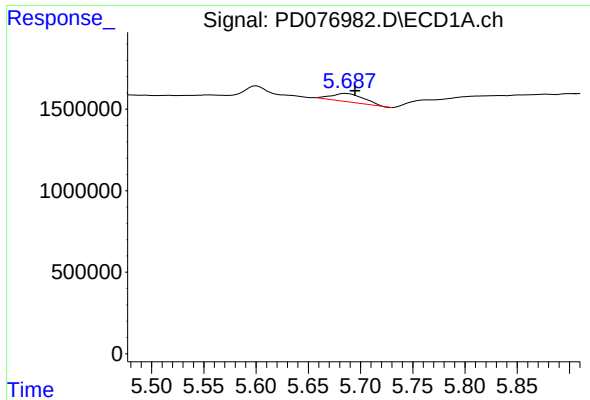
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 15180211  
Conc: 10.09 ng/ml



#6 beta-BHC

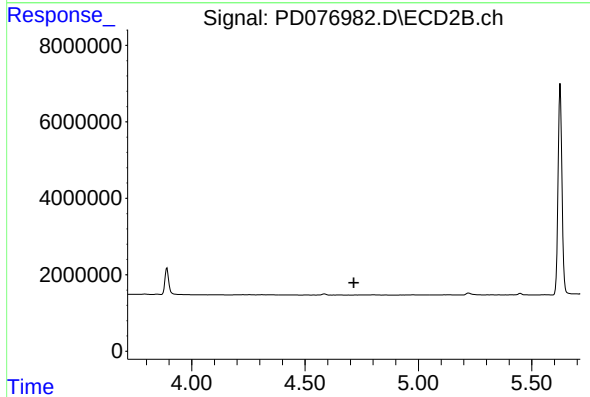
R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 8278862  
Conc: 10.85 ng/ml



#8 Heptachlor epoxide

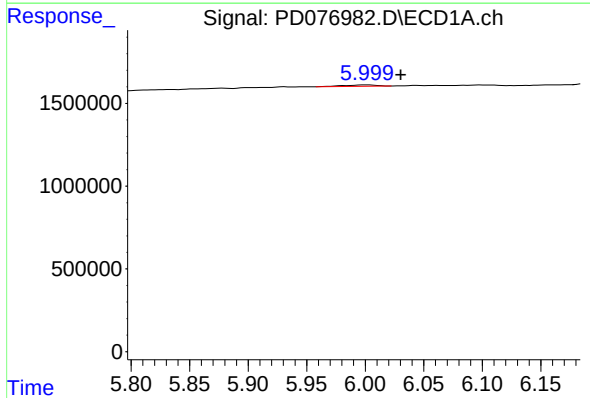
R.T.: 5.686 min  
Delta R.T.: -0.009 min  
Response: 1101553  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



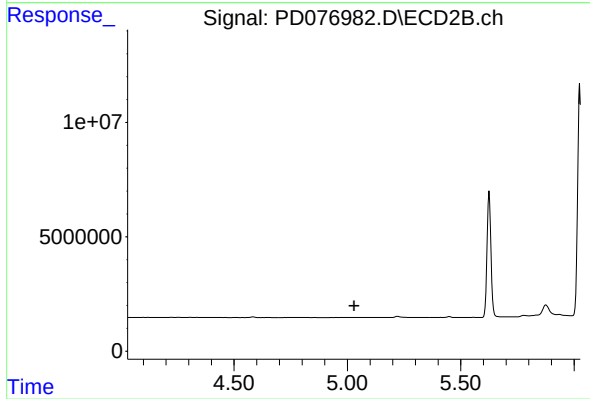
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.716 min  
Response: 0  
Conc: N.D.



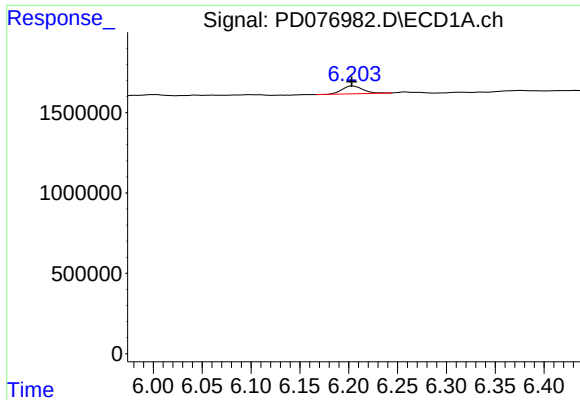
#11 alpha-Chlordane

R.T.: 6.001 min  
Delta R.T.: -0.030 min  
Response: 178353  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

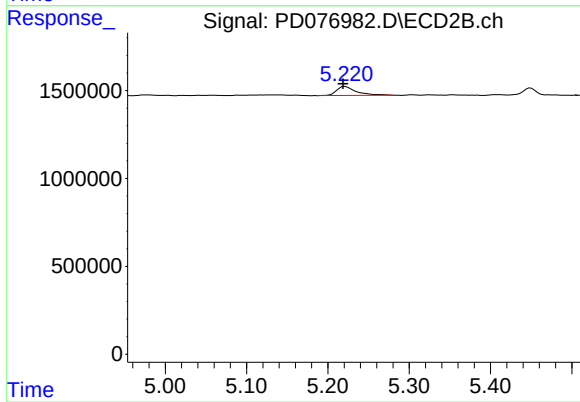
R.T.: 0.000 min  
Exp R.T. : 5.030 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

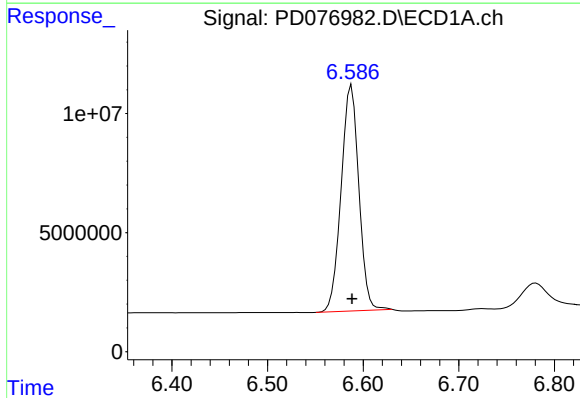
R.T.: 6.204 min  
Delta R.T.: 0.001 min  
Response: 708028  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



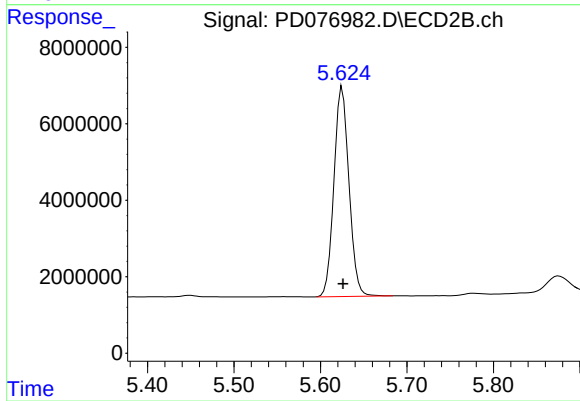
#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: 0.002 min  
Response: 867785  
Conc: 0.60 ng/ml



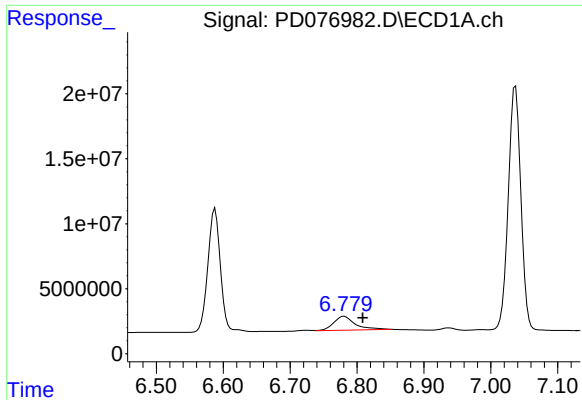
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 122419786  
Conc: 44.06 ng/ml



#14 Endrin

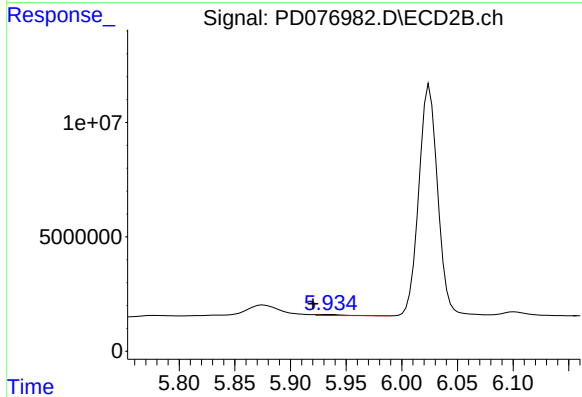
R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 65834883  
Conc: 44.99 ng/ml



#15 Endosulfan II

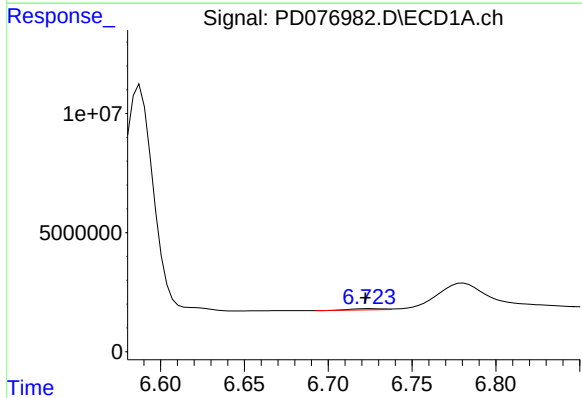
R.T.: 6.781 min  
Delta R.T.: -0.028 min  
Response: 23856142  
Conc: 7.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



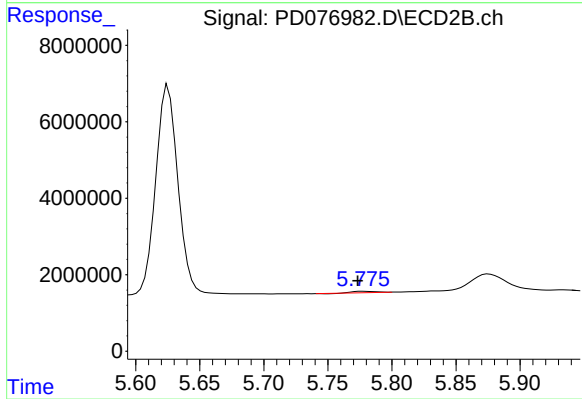
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: 0.014 min  
Response: 734742  
Conc: 0.50 ng/ml



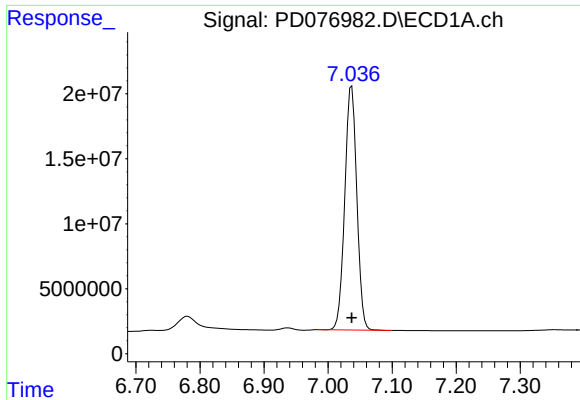
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.002 min  
Response: 690755  
Conc: 0.29 ng/ml



#16 4,4'-DDD

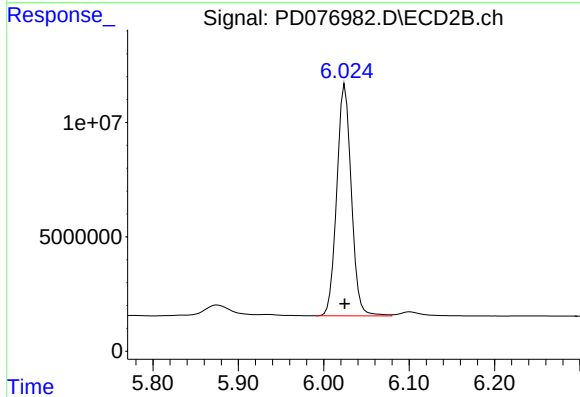
R.T.: 5.777 min  
Delta R.T.: 0.004 min  
Response: 380009  
Conc: 0.34 ng/ml



#17 4,4'-DDT

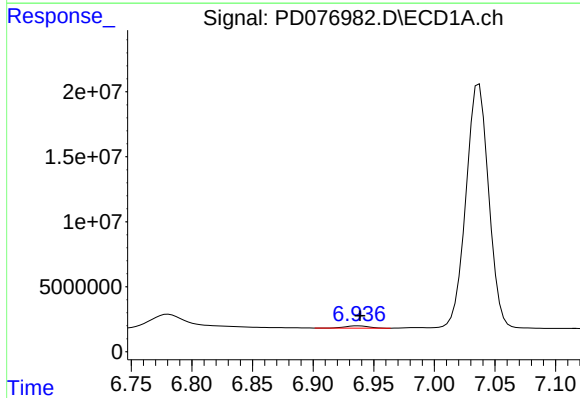
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 244738275  
Conc: 100.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



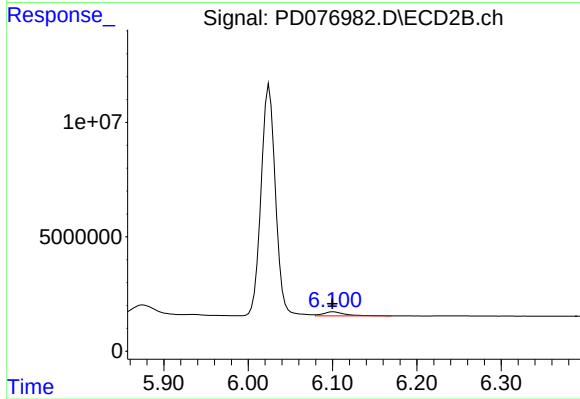
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 119717203  
Conc: 107.70 ng/ml



#18 Endrin aldehyde

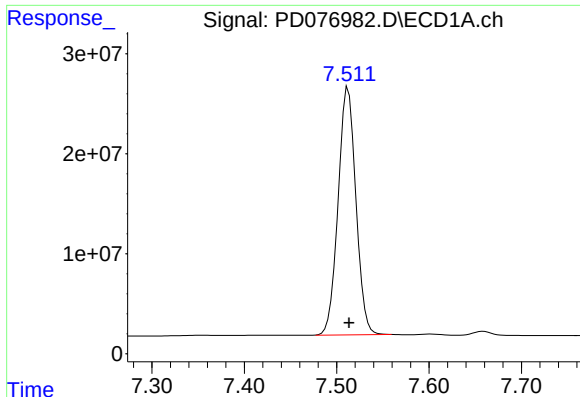
R.T.: 6.937 min  
Delta R.T.: -0.002 min  
Response: 2302333  
Conc: 1.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min  
Delta R.T.: 0.001 min  
Response: 3085403  
Conc: 2.71 ng/ml

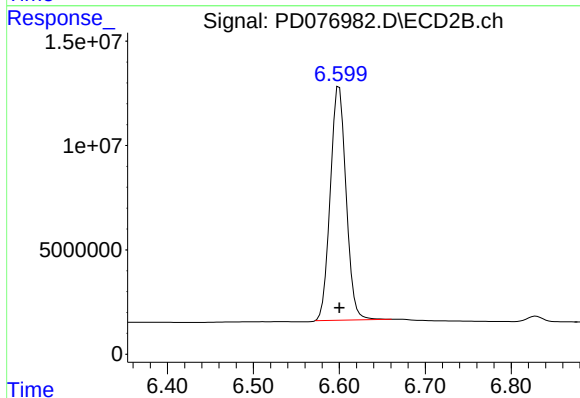




#20 Methoxychlor

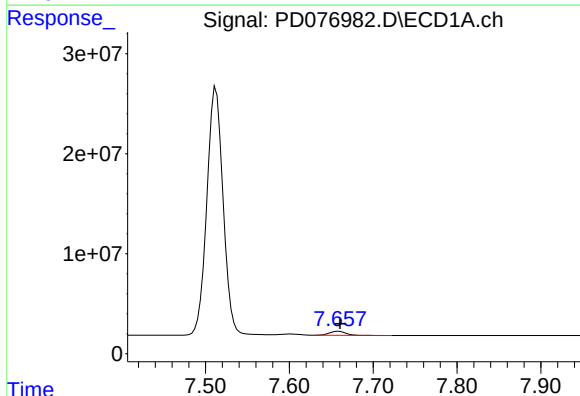
R.T.: 7.512 min  
Delta R.T.: 0.000 min  
Response: 331675379  
Conc: 234.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



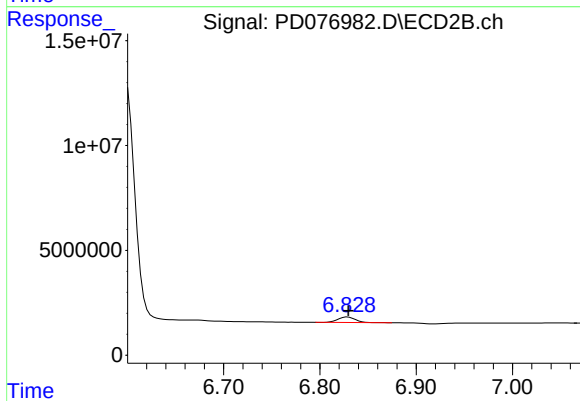
#20 Methoxychlor

R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 142853124  
Conc: 238.91 ng/ml



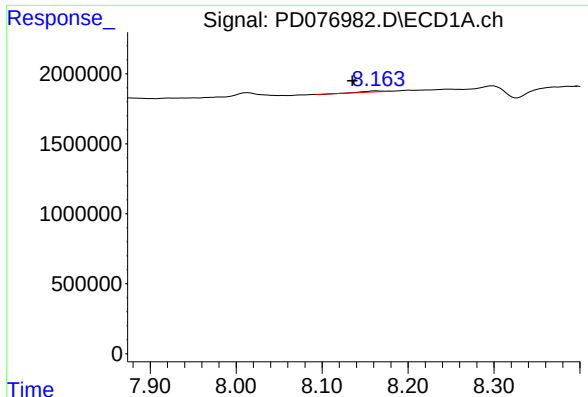
#21 Endrin ketone

R.T.: 7.659 min  
Delta R.T.: -0.002 min  
Response: 5368992  
Conc: 1.78 ng/ml



#21 Endrin ketone

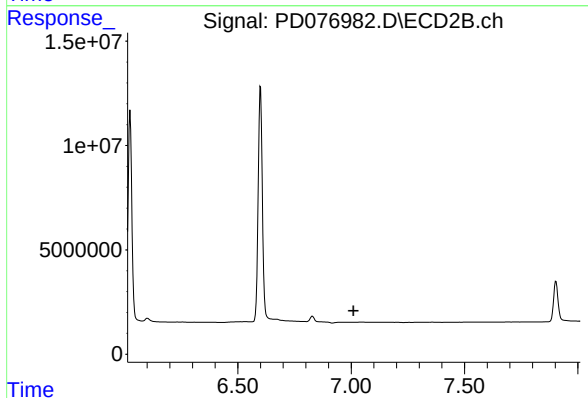
R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 3328510  
Conc: 2.10 ng/ml



#22 Mirex

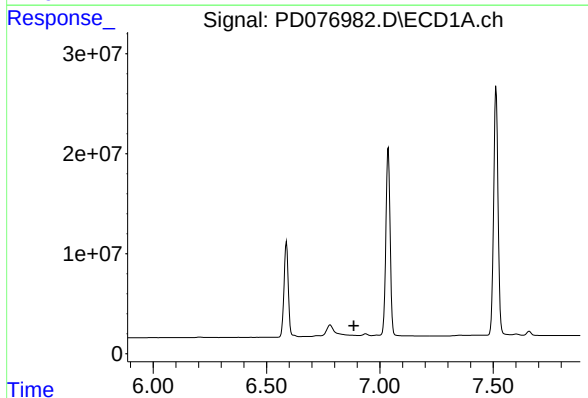
R.T.: 8.164 min  
Delta R.T.: 0.029 min  
Response: 86702  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



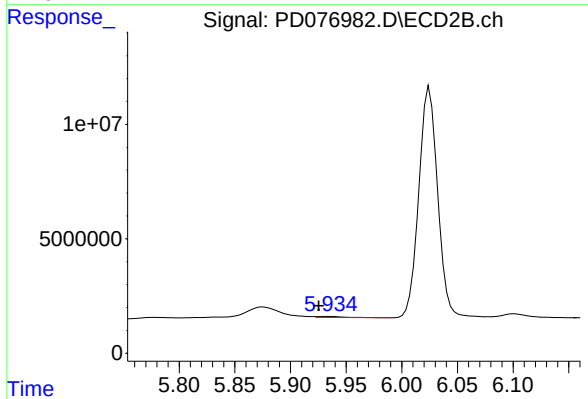
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.011 min  
Response: 0  
Conc: N.D.



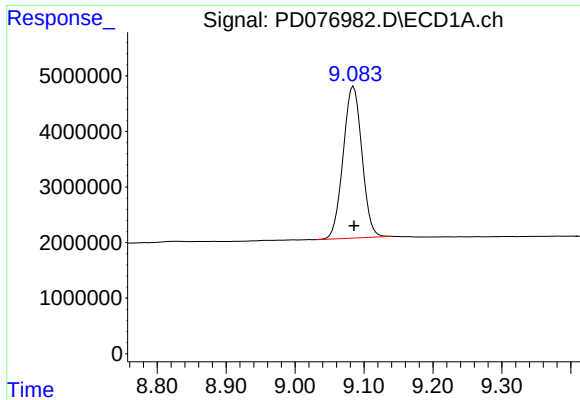
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.886 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

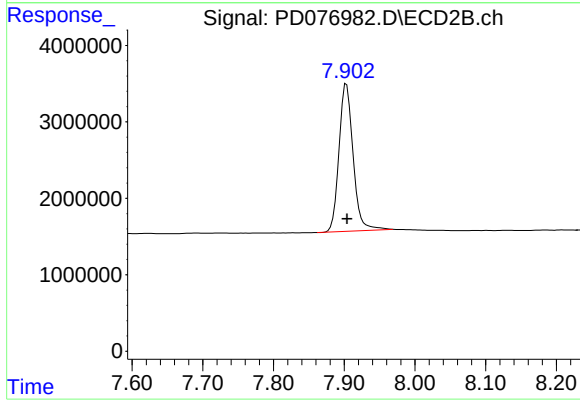
R.T.: 5.934 min  
Delta R.T.: 0.009 min  
Response: 734742  
Conc: 12.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 51728995  
Conc: 18.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.903 min  
Delta R.T.: 0.000 min  
Response: 26755936  
Conc: 18.70 ng/ml