

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031423\  
 Data File : PD074190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2023 15:22  
 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: Mar 15 05:07:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 15 05:04:28 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.551  | 2.772  | 45169169 | 24193132 | 19.364  | 19.879   |
| 28)                         | SA Decachlor... | 9.102  | 7.928  | 53620983 | 24492484 | 20.048  | 19.963   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.008  | 3.276  | 34254487 | 17465877 | 8.827   | 9.398    |
| 3)                          | MA gamma-BHC... | 4.342  | 3.606  | 32930410 | 16230131 | 9.386   | 9.474    |
| 4)                          | MA Heptachlor   | 4.953f | 0.000  | 460508   | 0        | 0.134   | N.D. #   |
| 5)                          | MB Aldrin       | 5.297f | 0.000  | 299713   | 0        | 0.089   | N.D. #   |
| 6)                          | B beta-BHC      | 4.536  | 3.902  | 15467045 | 8490326  | 10.466  | 11.244   |
| 8)                          | B Heptachlo...  | 5.690  | 0.000  | 1311158  | 0        | 0.466   | N.D. #   |
| 9)                          | A Endosulfan I  | 6.104  | 0.000  | 354649   | 0        | 0.125   | N.D. #   |
| 11)                         | B alpha-Chl...  | 6.010f | 0.000  | 334816   | 0        | 0.111   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.216  | 5.241  | 360445   | 477918   | 0.131   | 0.339 #  |
| 13)                         | MA Dieldrin     | 6.397f | 0.000  | 97412    | 0        | 0.033   | N.D. #   |
| 14)                         | MA Endrin       | 6.600  | 5.645  | 110.6E6  | 60021928 | 44.509  | 45.925   |
| 15)                         | B Endosulfa...  | 6.834f | 5.957f | 2232875  | 906950   | 0.867   | 0.721    |
| 16)                         | A 4,4'-DDD      | 6.734  | 5.796  | 913416   | 1234151  | 0.407   | 1.057 #  |
| 17)                         | MA 4,4'-DDT     | 7.049  | 6.045  | 239.3E6  | 123.1E6  | 93.889  | 100.278  |
| 18)                         | B Endrin al...  | 6.949  | 6.120  | 3036723  | 2727033  | 1.519   | 2.685 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.334  | 0        | 434472   | N.D.    | 0.356 #  |
| 20)                         | A Methoxychlor  | 7.524  | 6.622  | 326.9E6  | 156.4E6  | 233.652 | 231.107  |
| 21)                         | B Endrin ke...  | 7.671  | 6.848  | 6590384  | 3783225  | 2.367   | 2.565    |
| 27)                         | Chlordane-5     | 0.000  | 5.957  | 0        | 906950   | N.D.    | 14.730 # |
| -----                       |                 |        |        |          |          |         |          |

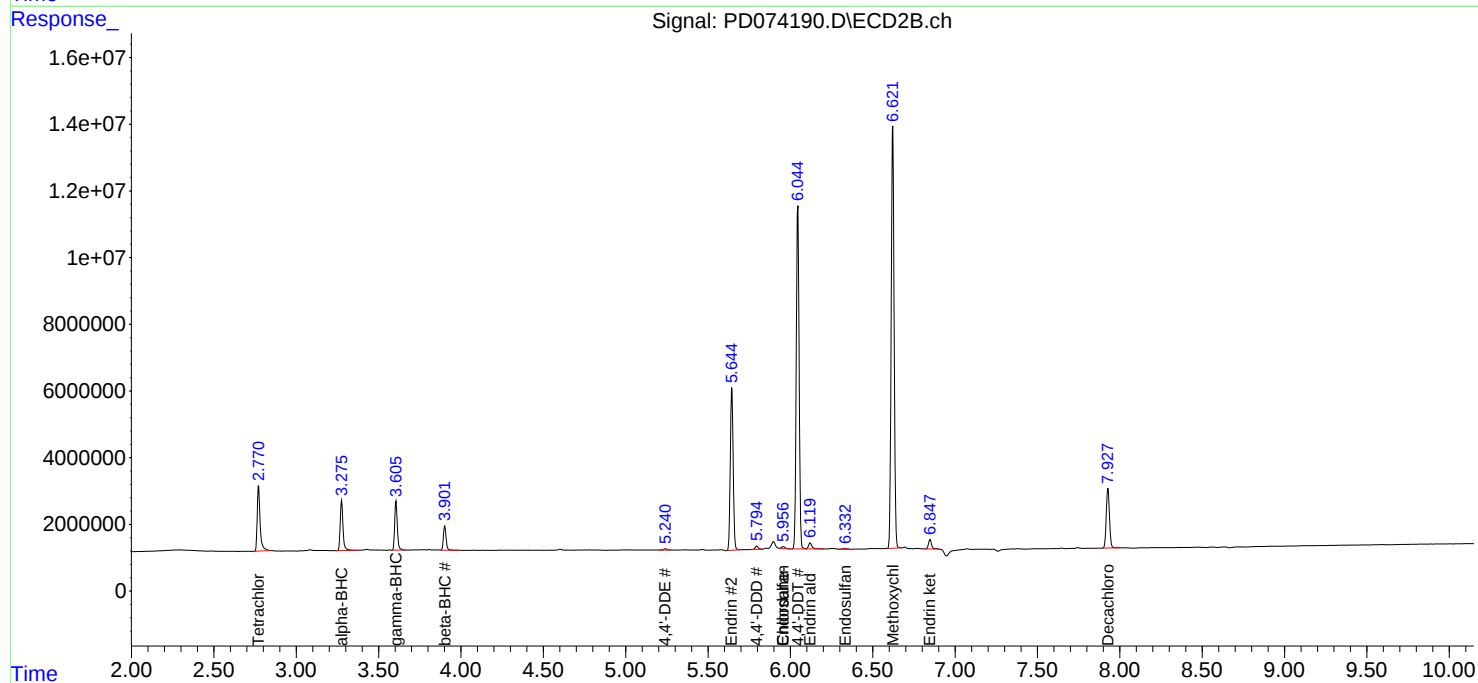
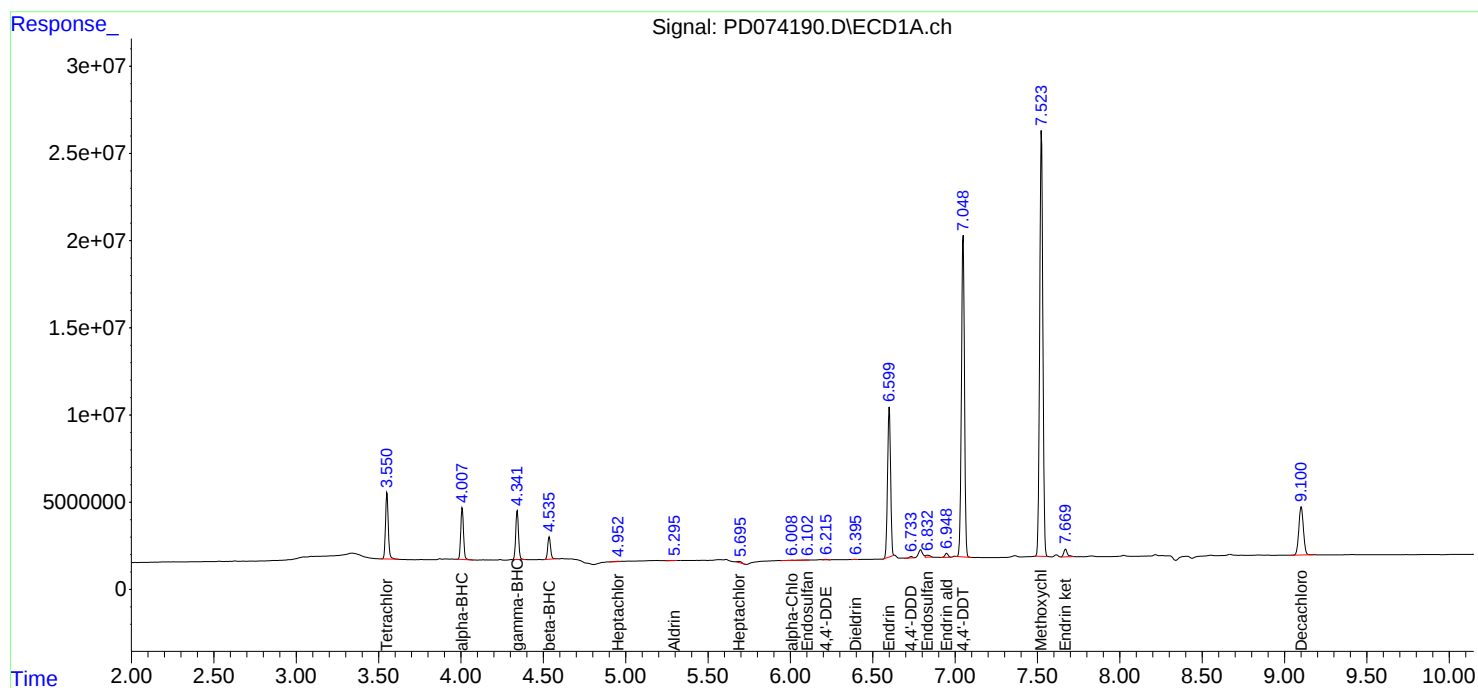
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

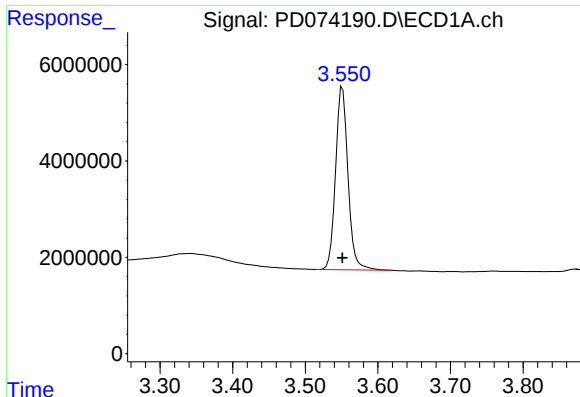
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031423\  
Data File : PD074190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2023 15:22  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 05:07:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 15 05:04:28 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 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

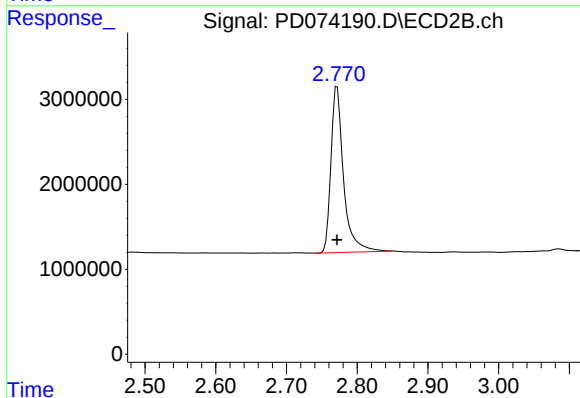




#1 Tetrachloro-m-xylene

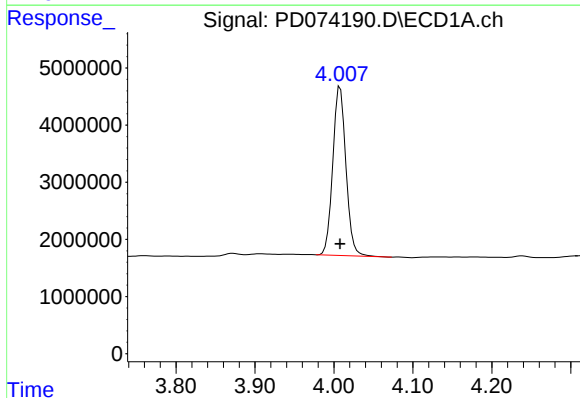
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 45169169  
Conc: 19.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



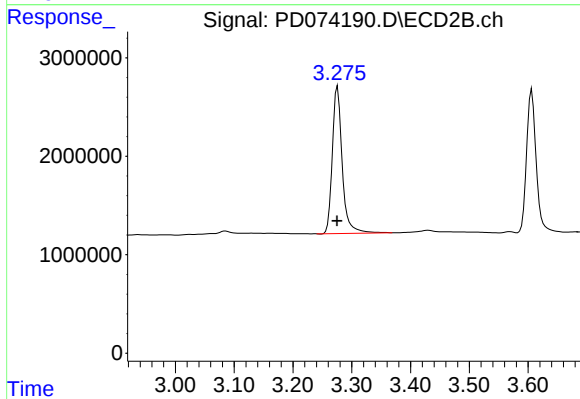
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: 0.000 min  
Response: 24193132  
Conc: 19.88 ng/ml



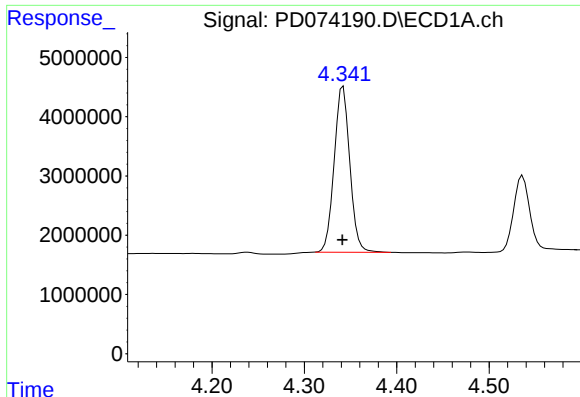
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 34254487  
Conc: 8.83 ng/ml



#2 alpha-BHC

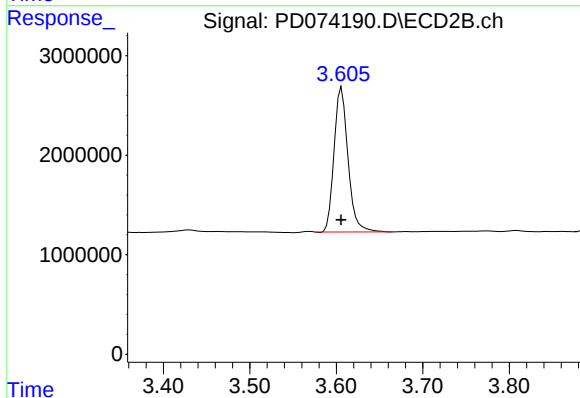
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 17465877  
Conc: 9.40 ng/ml



#3 gamma-BHC (Lindane)

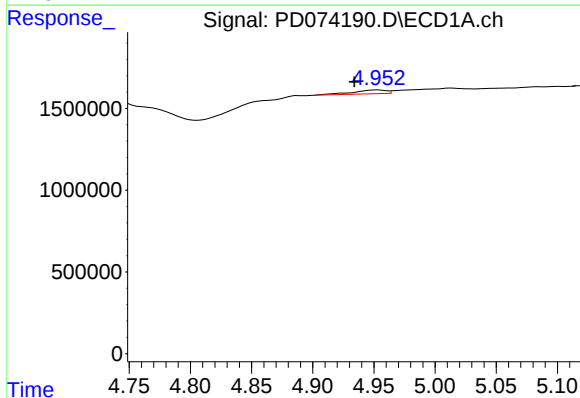
R.T.: 4.342 min  
Delta R.T.: 0.000 min  
Response: 32930410  
Conc: 9.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



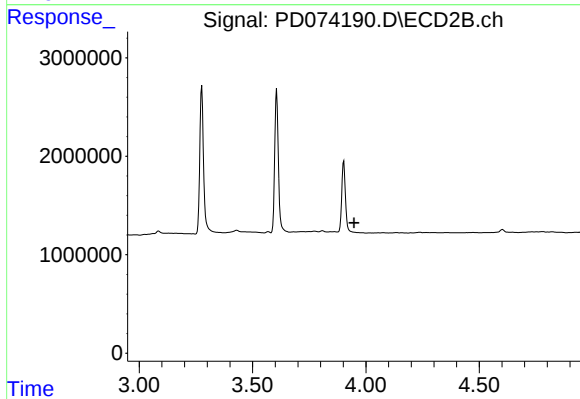
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 16230131  
Conc: 9.47 ng/ml



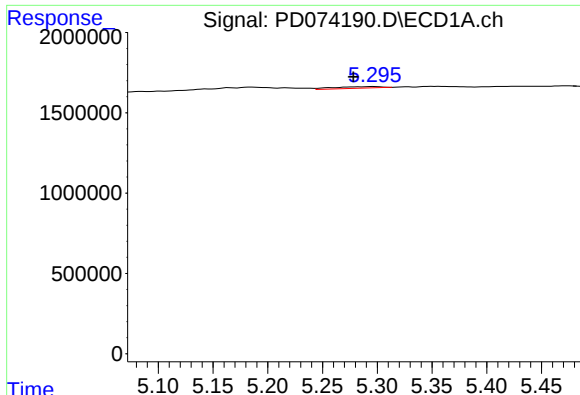
#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: 0.019 min  
Response: 460508  
Conc: 0.13 ng/ml



#4 Heptachlor

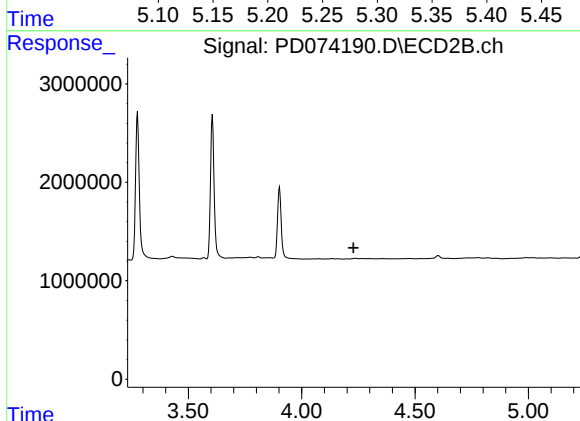
R.T.: 0.000 min  
Exp R.T. : 3.948 min  
Response: 0  
Conc: N.D.



#5 Aldrin

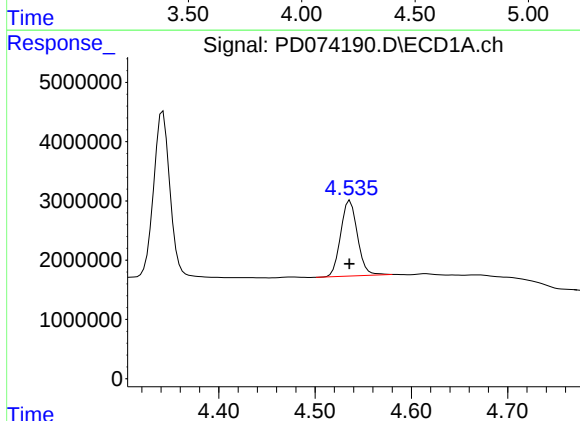
R.T.: 5.297 min  
Delta R.T.: 0.019 min  
Response: 299713  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



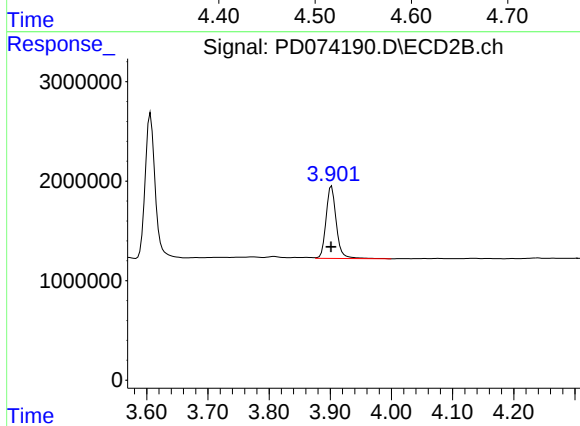
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.229 min  
Response: 0  
Conc: N.D.



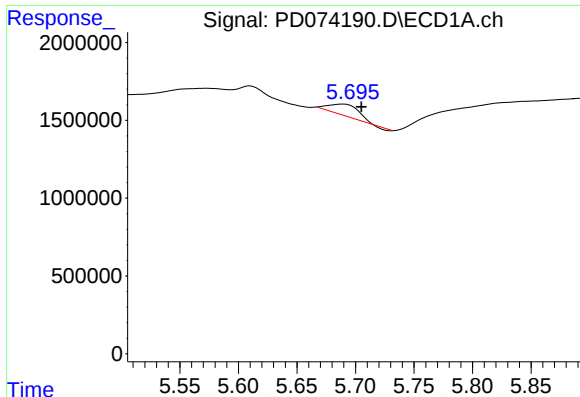
#6 beta-BHC

R.T.: 4.536 min  
Delta R.T.: 0.000 min  
Response: 15467045  
Conc: 10.47 ng/ml



#6 beta-BHC

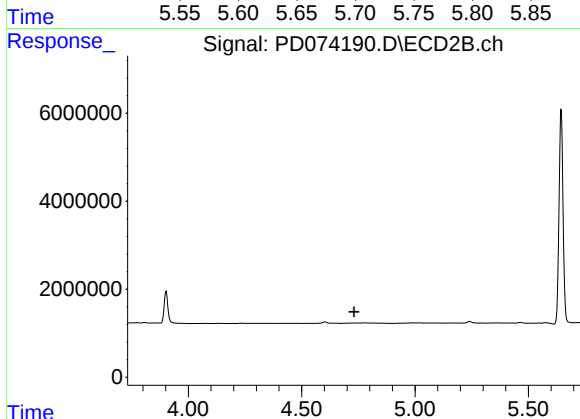
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 8490326  
Conc: 11.24 ng/ml



#8 Heptachlor epoxide

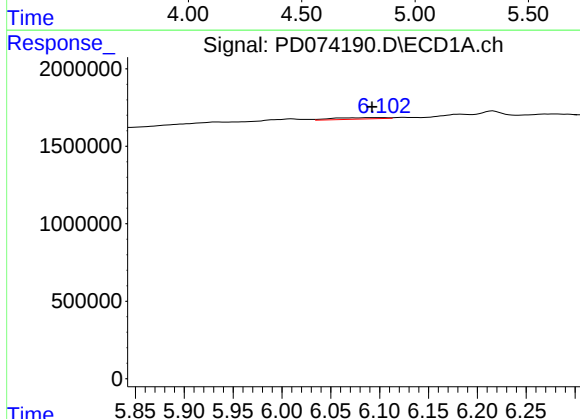
R.T.: 5.690 min  
Delta R.T.: -0.015 min  
Response: 1311158  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



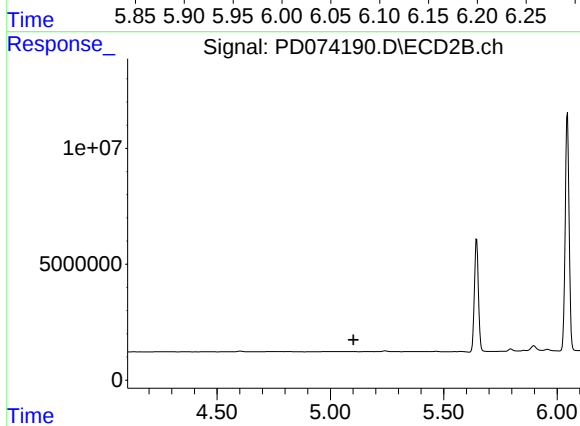
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.731 min  
Response: 0  
Conc: N.D.



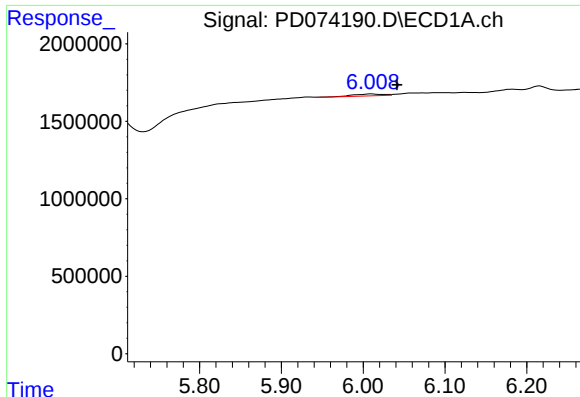
#9 Endosulfan I

R.T.: 6.104 min  
Delta R.T.: 0.012 min  
Response: 354649  
Conc: 0.12 ng/ml



#9 Endosulfan I

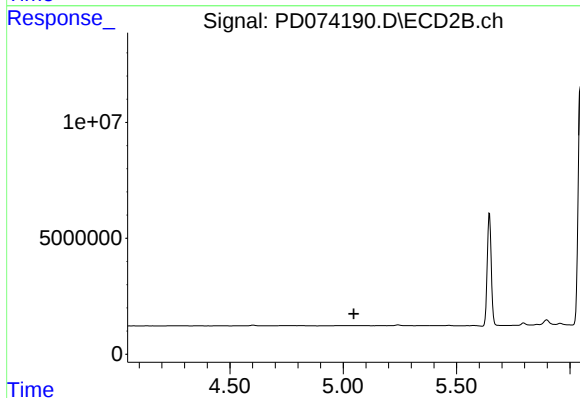
R.T.: 0.000 min  
Exp R.T. : 5.103 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

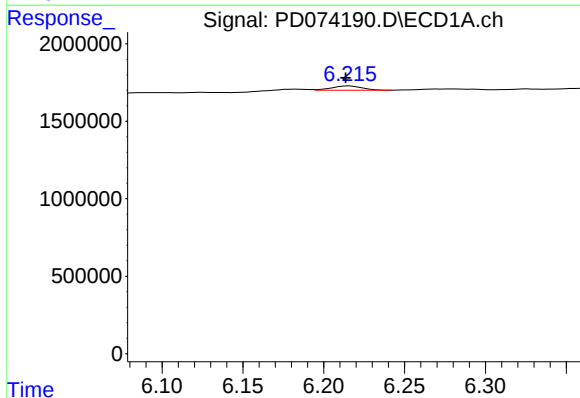
R.T.: 6.010 min  
Delta R.T.: -0.032 min  
Response: 334816  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



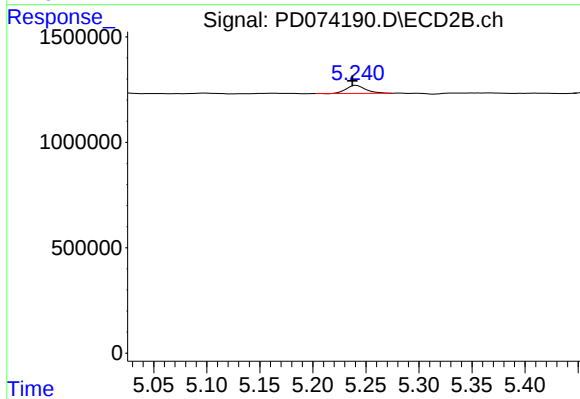
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.047 min  
Response: 0  
Conc: N.D.



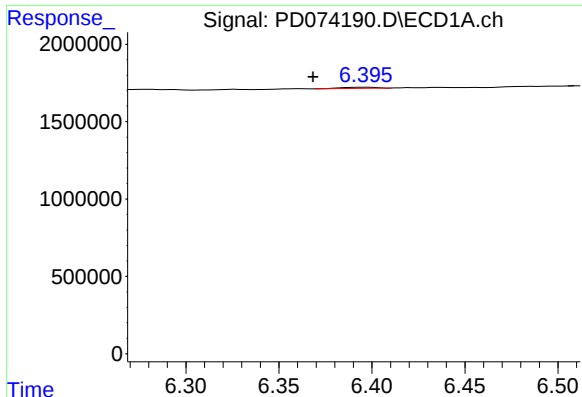
#12 4,4'-DDE

R.T.: 6.216 min  
Delta R.T.: 0.002 min  
Response: 360445  
Conc: 0.13 ng/ml



#12 4,4'-DDE

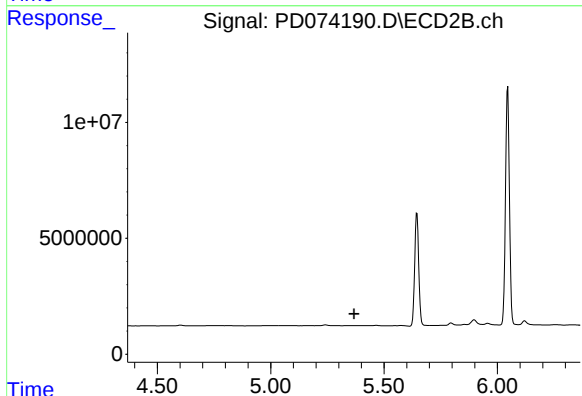
R.T.: 5.241 min  
Delta R.T.: 0.004 min  
Response: 477918  
Conc: 0.34 ng/ml



#13 Dieldrin

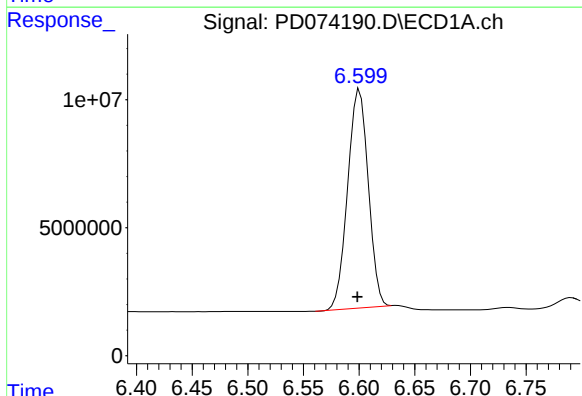
R.T.: 6.397 min  
Delta R.T.: 0.028 min  
Response: 97412  
Conc: 0.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



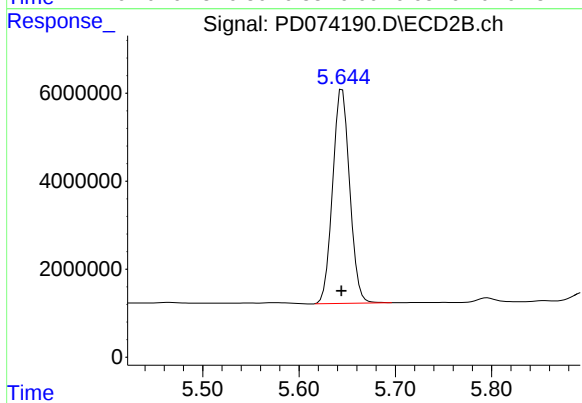
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



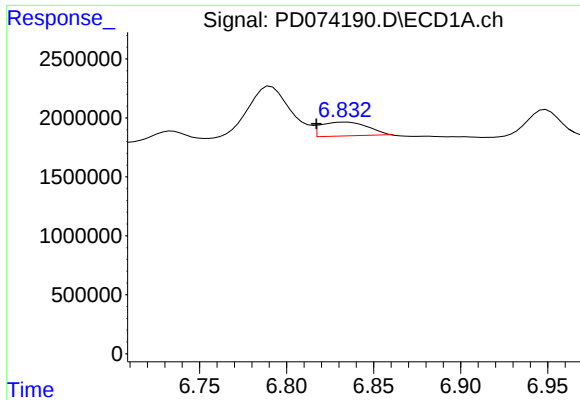
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: 0.002 min  
Response: 110610079  
Conc: 44.51 ng/ml



#14 Endrin

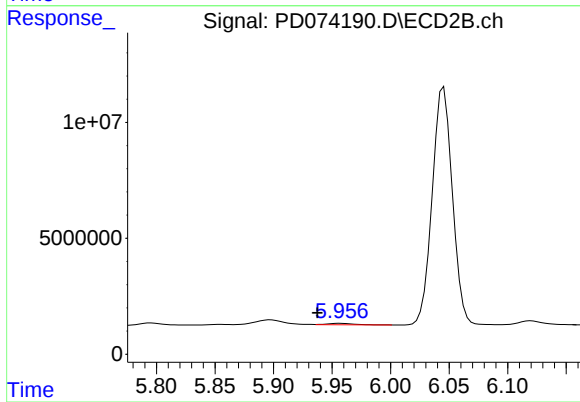
R.T.: 5.645 min  
Delta R.T.: 0.000 min  
Response: 60021928  
Conc: 45.92 ng/ml



#15 Endosulfan II

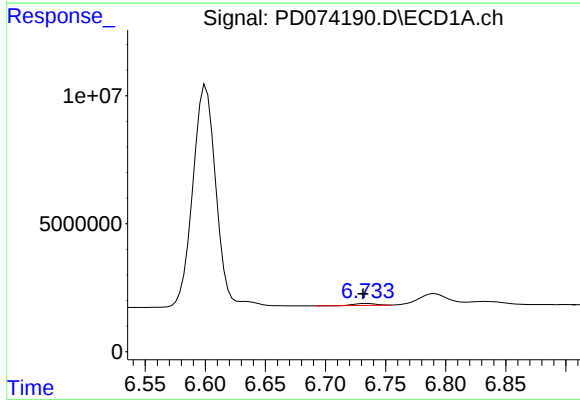
R.T.: 6.834 min  
Delta R.T.: 0.017 min  
Response: 2232875  
Conc: 0.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



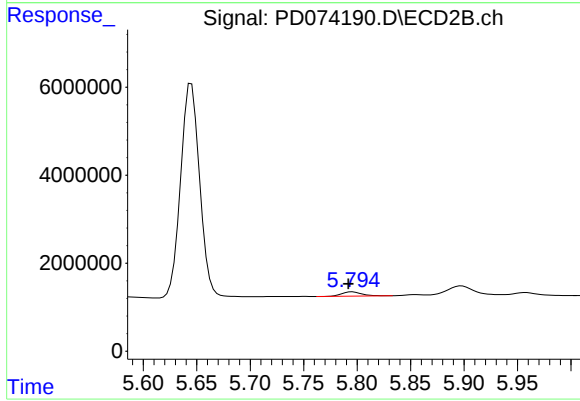
#15 Endosulfan II

R.T.: 5.957 min  
Delta R.T.: 0.020 min  
Response: 906950  
Conc: 0.72 ng/ml



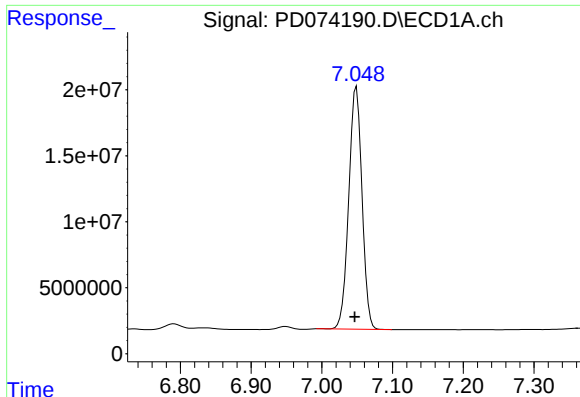
#16 4,4'-DDD

R.T.: 6.734 min  
Delta R.T.: 0.003 min  
Response: 913416  
Conc: 0.41 ng/ml



#16 4,4'-DDD

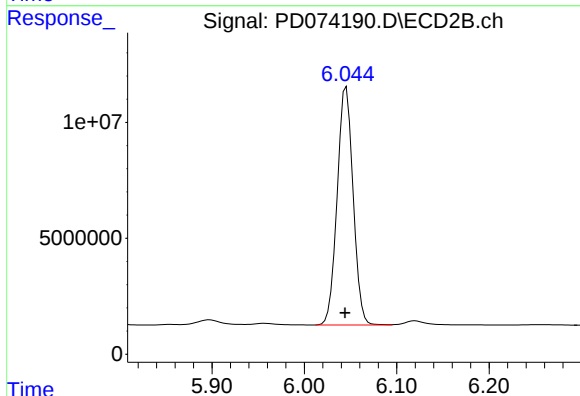
R.T.: 5.796 min  
Delta R.T.: 0.004 min  
Response: 1234151  
Conc: 1.06 ng/ml



#17 4,4'-DDT

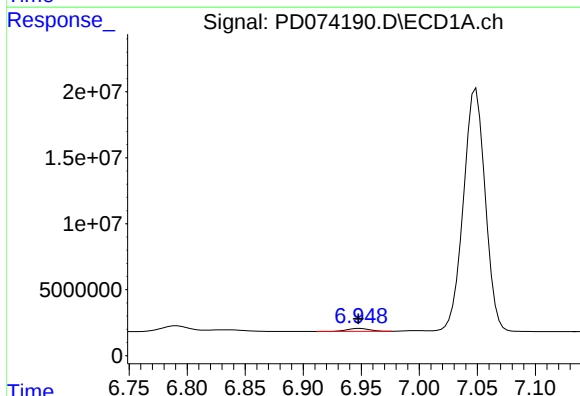
R.T.: 7.049 min  
Delta R.T.: 0.002 min  
Response: 239327445  
Conc: 93.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



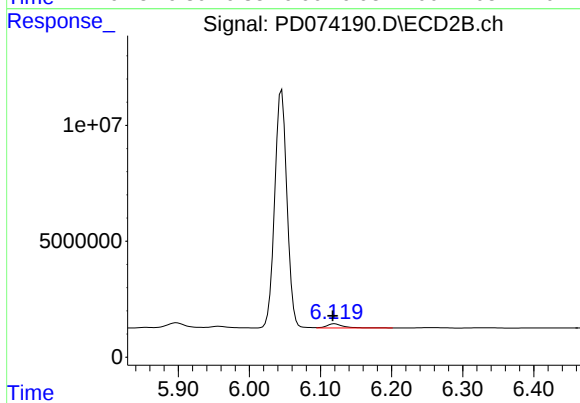
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: 0.002 min  
Response: 123143563  
Conc: 100.28 ng/ml



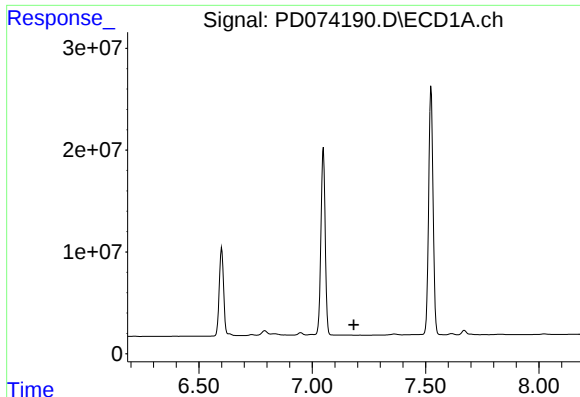
#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: 0.001 min  
Response: 3036723  
Conc: 1.52 ng/ml



#18 Endrin aldehyde

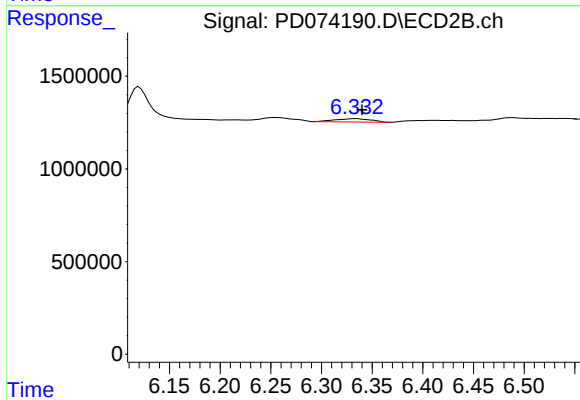
R.T.: 6.120 min  
Delta R.T.: 0.003 min  
Response: 2727033  
Conc: 2.69 ng/ml



#19 Endosulfan Sulfate

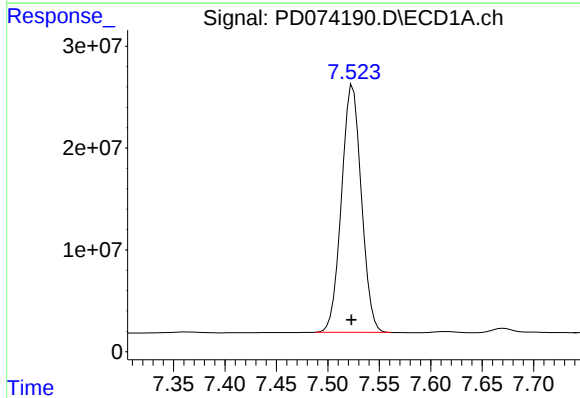
R.T.: 0.000 min  
Exp R.T.: 7.183 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



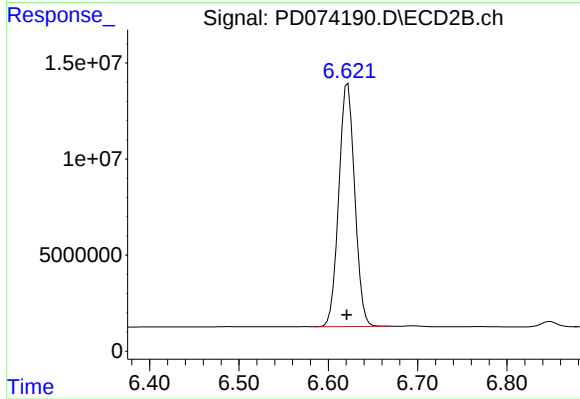
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: -0.006 min  
Response: 434472  
Conc: 0.36 ng/ml



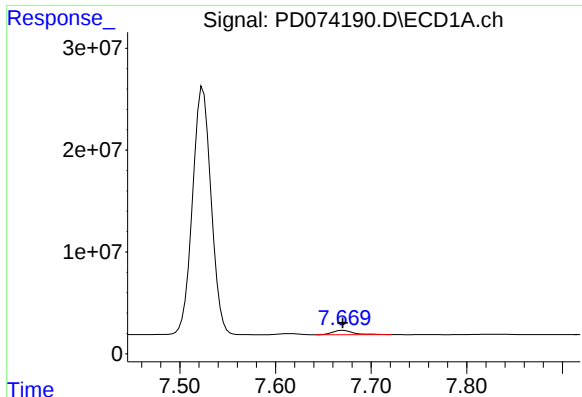
#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: 0.001 min  
Response: 326921985  
Conc: 233.65 ng/ml



#20 Methoxychlor

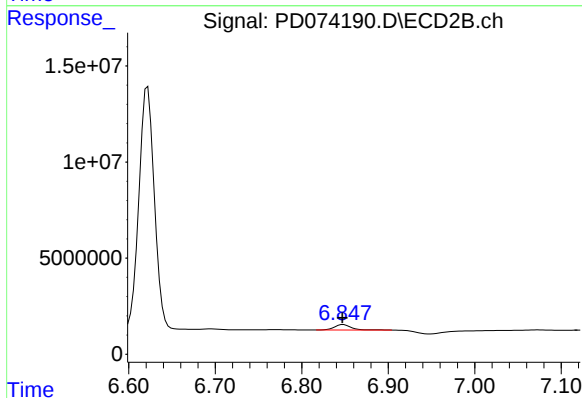
R.T.: 6.622 min  
Delta R.T.: 0.001 min  
Response: 156373034  
Conc: 231.11 ng/ml



#21 Endrin ketone

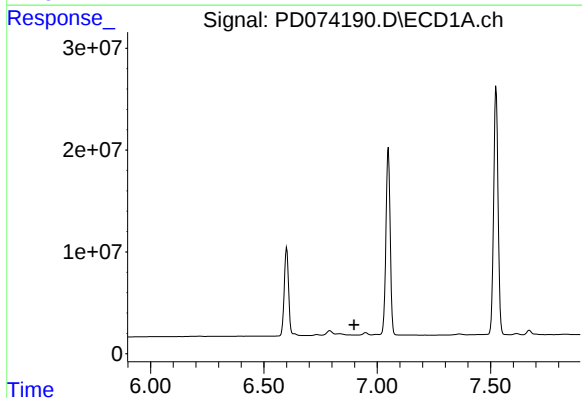
R.T.: 7.671 min  
Delta R.T.: 0.000 min  
Response: 6590384  
Conc: 2.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



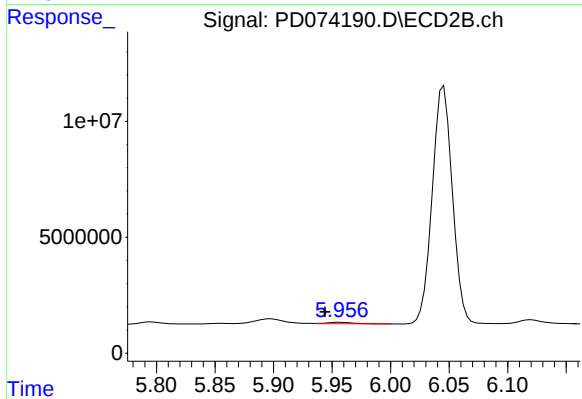
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: 0.001 min  
Response: 3783225  
Conc: 2.56 ng/ml



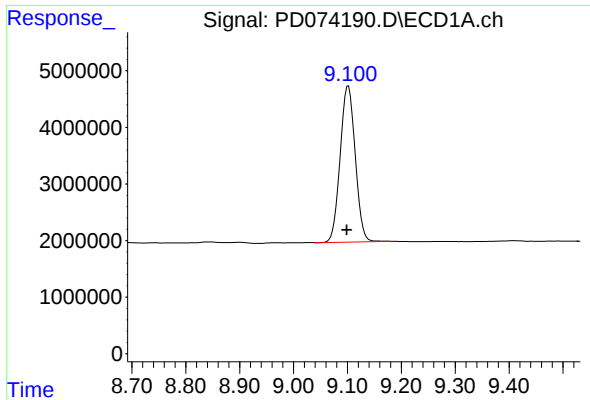
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.898 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

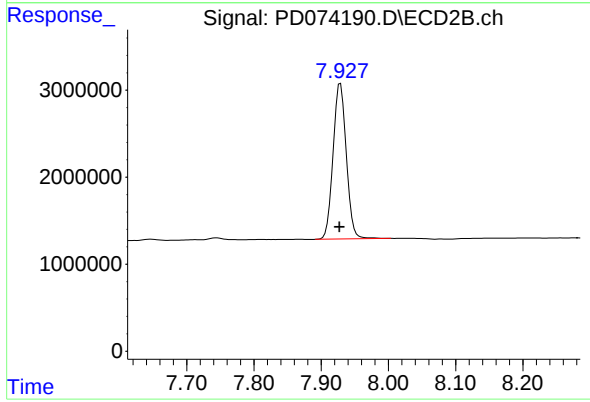
R.T.: 5.957 min  
Delta R.T.: 0.013 min  
Response: 906950  
Conc: 14.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.102 min  
Delta R.T.: 0.003 min  
Response: 53620983  
Conc: 20.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: 0.001 min  
Response: 24492484  
Conc: 19.96 ng/ml