

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062822\  
 Data File : PD070592.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2022 04:29  
 Operator : AR\AJ  
 Sample : PEM269  
 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: Jun 29 05:10:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD062822CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 29 02:34:55 2022  
 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 x 0.50µm

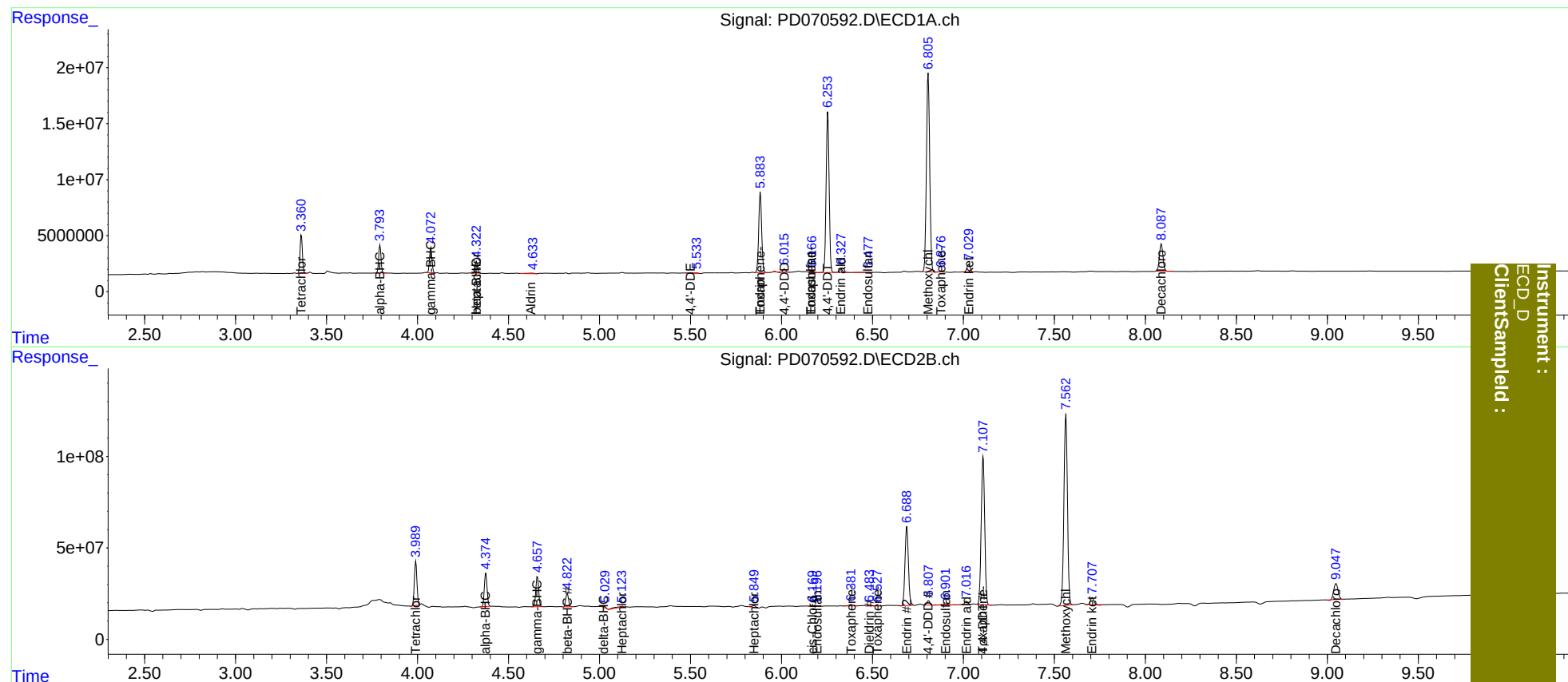
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.362  | 3.991  | 30461278 | 237.5E6  | 19.051   | 22.340     |
| 27)                         | SA Decachlor... | 8.088  | 9.048  | 33157873 | 142.8E6  | 20.283   | 19.194     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.794  | 4.376  | 22277772 | 194.5E6  | 9.322    | 12.073 #   |
| 3)                          | MA gamma-BHC... | 4.074  | 4.659  | 20655319 | 179.2E6  | 9.159    | 11.717 #   |
| 4)                          | MA Heptachlor   | 4.324f | 5.125f | 9847685  | 15446844 | 4.575    | 1.078 #    |
| 5)                          | MB Aldrin       | 4.624  | 5.502f | 1065556  | 479425   | 0.476    | <MDL #     |
| 6)                          | B beta-BHC      | 4.324  | 4.823  | 9847685  | 77137869 | 9.475    | 11.557     |
| 7)                          | B delta-BHC     | 4.545  | 5.022  | 213082   | 8123180  | <MDL     | 0.557 #    |
| 8)                          | B Heptachlo...  | 0.000  | 5.850  | 0        | 15329967 | N.D.     | 1.186      |
| 9)                          | A Endosulfan I  | 5.399  | 6.196  | 149728   | 1973389  | <MDL     | 0.160 #    |
| 11)                         | B cis-Chlor...  | 5.399f | 6.170  | 149728   | 2229062  | <MDL     | 0.168 #    |
| 12)                         | B 4,4'-DDE      | 5.500  | 6.324  | 1082969  | 23357    | 0.532    | <MDL #     |
| 13)                         | MA Dieldrin     | 0.000  | 6.484  | 0        | 5812061  | N.D.     | 0.437      |
| 14)                         | MA Endrin       | 5.884  | 6.689  | 80543091 | 563.2E6  | 44.552   | 52.093     |
| 15)                         | B Endosulfa...  | 6.165  | 6.903  | 498515   | 12006887 | 0.285    | 1.107 #    |
| 16)                         | A 4,4'-DDD      | 6.016  | 6.809  | 2656340  | 30194970 | 1.572    | 2.849 #    |
| 17)                         | MA 4,4'-DDT     | 6.255  | 7.109  | 163.9E6  | 1079.6E6 | 101.440  | 106.858    |
| 18)                         | B Endrin al...  | 6.328  | 7.017  | 3769362  | 22365809 | 2.487    | 2.447      |
| 19)                         | B Endosulfa...  | 6.479f | 7.282f | 265538   | -371147  | 0.149    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.807  | 7.563  | 222.3E6  | 1420.3E6 | 251.377  | 293.855    |
| 21)                         | B Endrin ke...  | 7.030  | 7.708  | 7985812  | 55246207 | 4.071    | 4.845      |
| 22)                         | Toxaphene-1     | 0.000  | 6.383  | 0        | 13458140 | N.D.     | 154.811    |
| 23)                         | Toxaphene-2     | 5.884f | 6.528  | 80543091 | 3575547  | 7039.114 | 33.589 #   |
| 24)                         | Toxaphene-3     | 6.165  | 7.109  | 498515   | 1079.6E6 | 39.532   | 3760.814 # |
| 25)                         | Toxaphene-4     | 6.878f | 7.282f | 375068   | -371147  | 6.944    | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

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

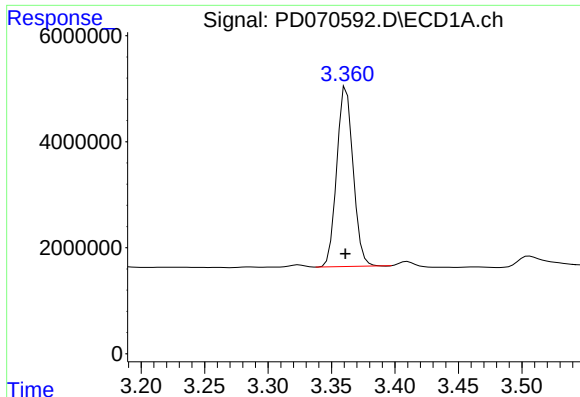
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062822\  
Data File : PD070592.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2022 04:29  
Operator : AR\AJ  
Sample : PEM269  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 05:10:22 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD062822CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 29 02:34:55 2022  
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 x 0.50µm



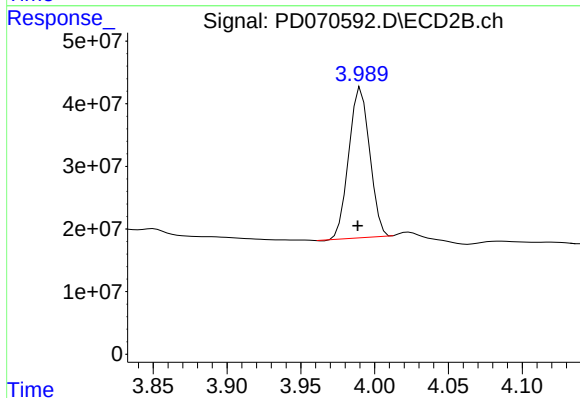
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

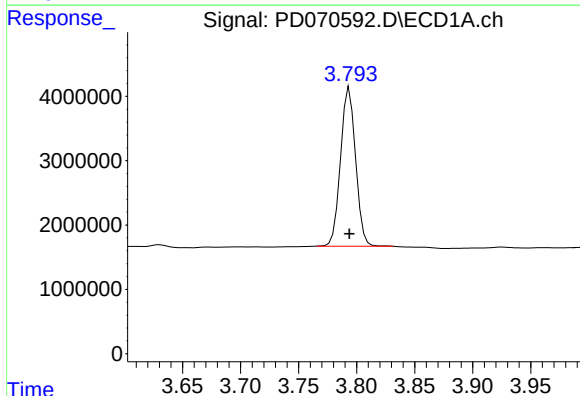
R.T.: 3.362 min  
Delta R.T.: 0.000 min  
Response: 30461278  
Conc: 19.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



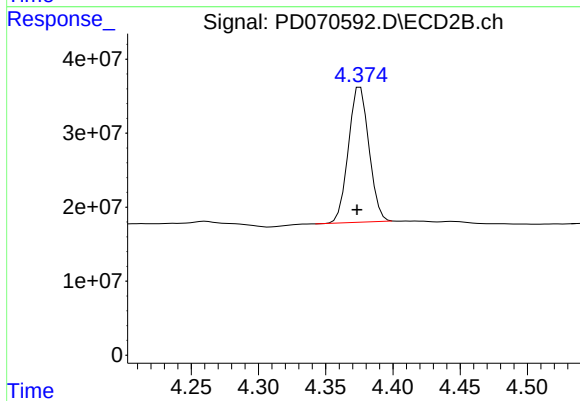
#1 Tetrachloro-m-xylene

R.T.: 3.991 min  
Delta R.T.: 0.002 min  
Response: 237456164  
Conc: 22.34 ng/ml



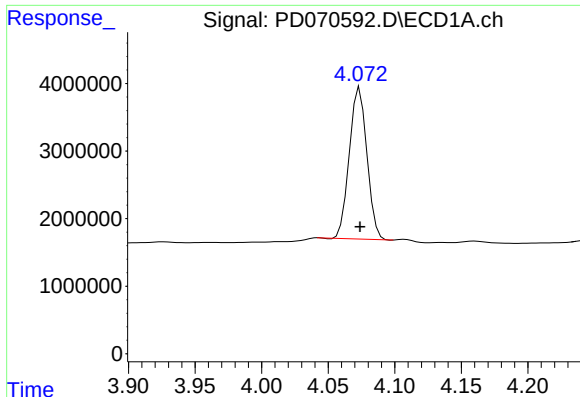
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 22277772  
Conc: 9.32 ng/ml



#2 alpha-BHC

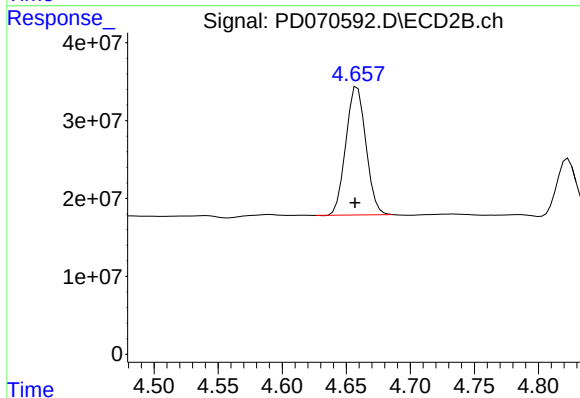
R.T.: 4.376 min  
Delta R.T.: 0.002 min  
Response: 194544022  
Conc: 12.07 ng/ml



#3 gamma-BHC (Lindane)

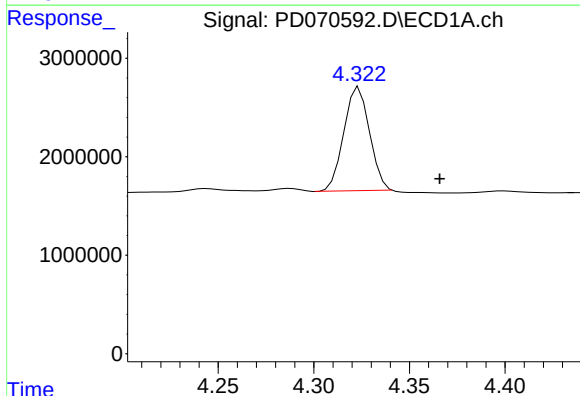
R.T.: 4.074 min  
Delta R.T.: 0.000 min  
Response: 20655319  
Conc: 9.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



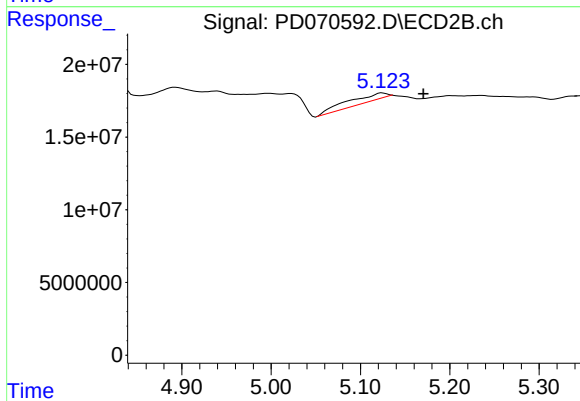
#3 gamma-BHC (Lindane)

R.T.: 4.659 min  
Delta R.T.: 0.002 min  
Response: 179242849  
Conc: 11.72 ng/ml



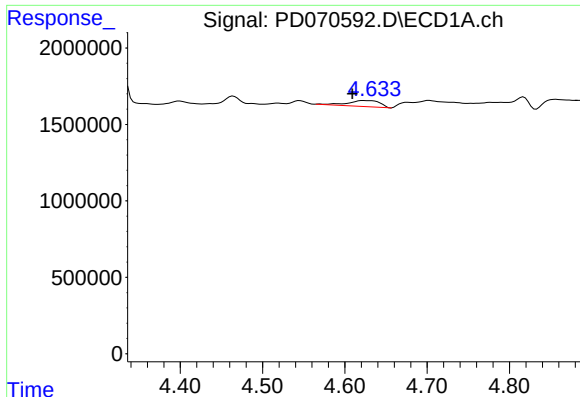
#4 Heptachlor

R.T.: 4.324 min  
Delta R.T.: -0.042 min  
Response: 9847685  
Conc: 4.57 ng/ml



#4 Heptachlor

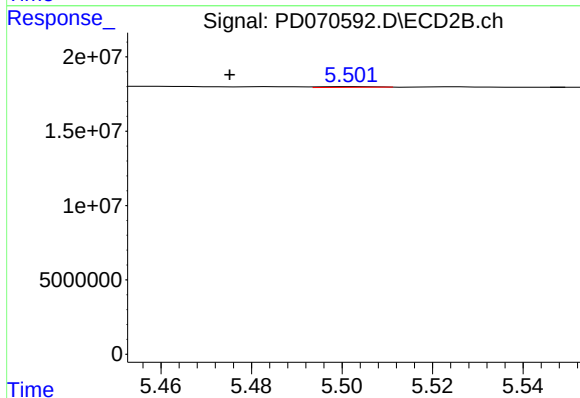
R.T.: 5.125 min  
Delta R.T.: -0.046 min  
Response: 15446844  
Conc: 1.08 ng/ml



#5 Aldrin

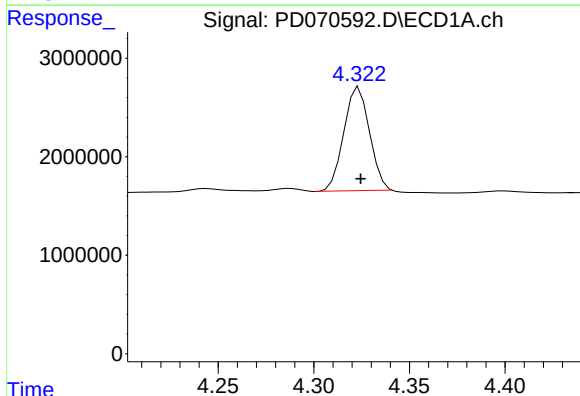
R.T.: 4.624 min  
Delta R.T.: 0.015 min  
Response: 1065556  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



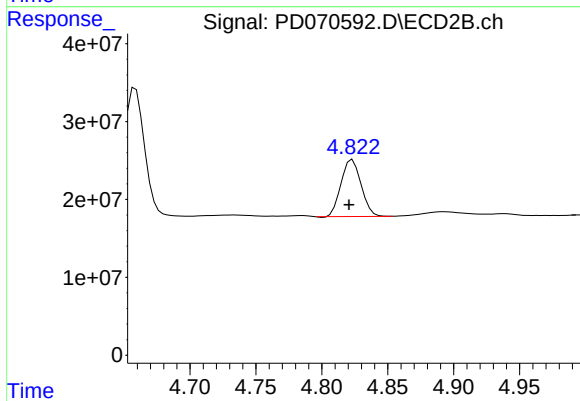
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.027 min  
Response: 479425  
Conc: N.D.



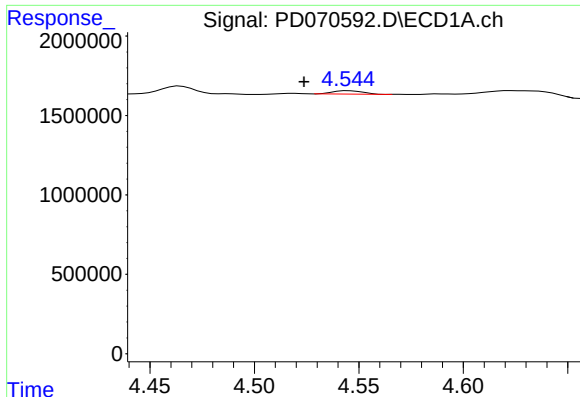
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 9847685  
Conc: 9.47 ng/ml



#6 beta-BHC

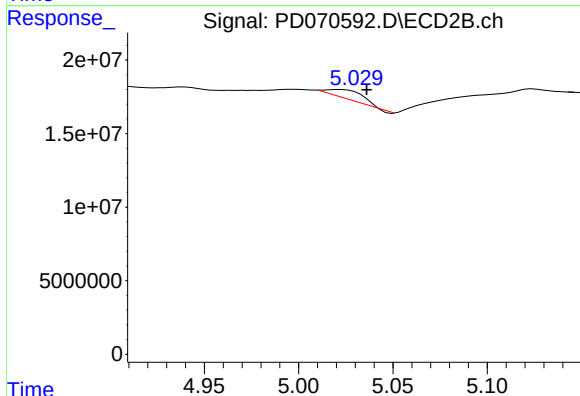
R.T.: 4.823 min  
Delta R.T.: 0.003 min  
Response: 77137869  
Conc: 11.56 ng/ml



#7 delta-BHC

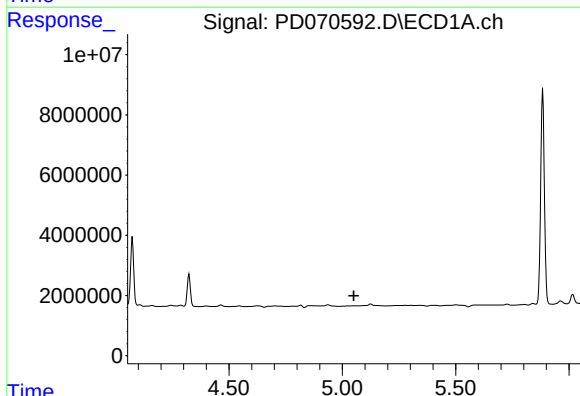
R.T.: 4.545 min  
Delta R.T.: 0.022 min  
Response: 213082  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



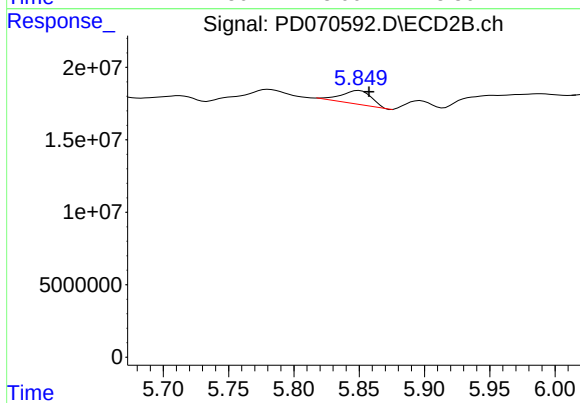
#7 delta-BHC

R.T.: 5.022 min  
Delta R.T.: -0.014 min  
Response: 8123180  
Conc: 0.56 ng/ml



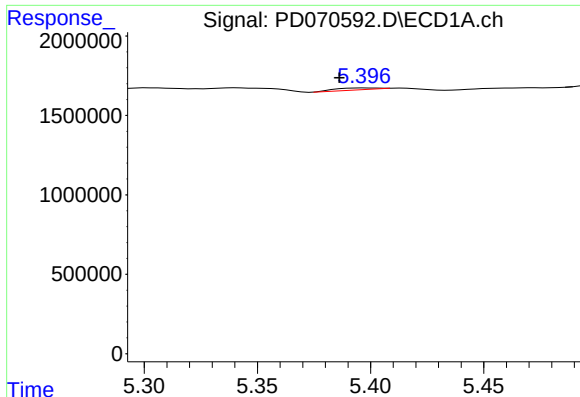
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.051 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

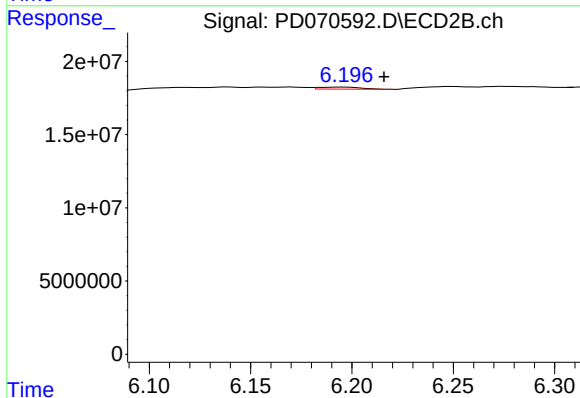
R.T.: 5.850 min  
Delta R.T.: -0.007 min  
Response: 15329967  
Conc: 1.19 ng/ml



#9 Endosulfan I

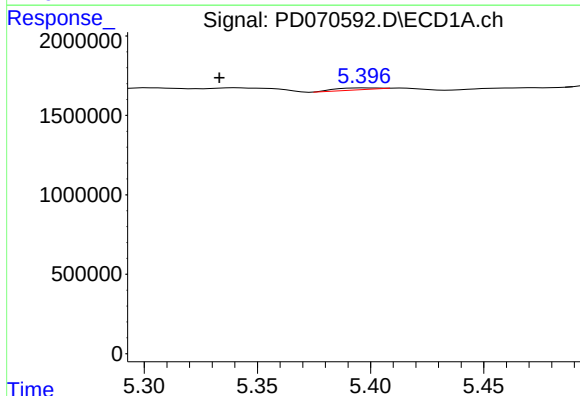
R.T.: 5.399 min  
Delta R.T.: 0.012 min  
Response: 149728  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



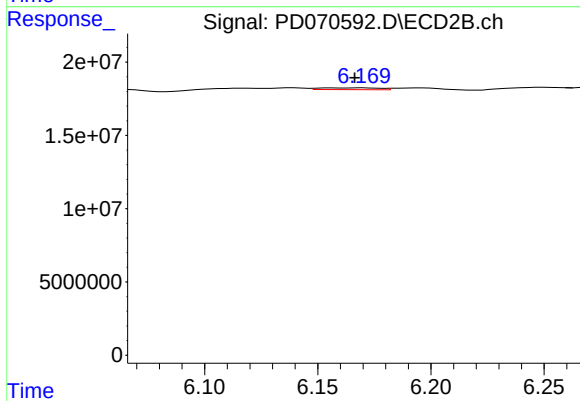
#9 Endosulfan I

R.T.: 6.196 min  
Delta R.T.: -0.020 min  
Response: 1973389  
Conc: 0.16 ng/ml



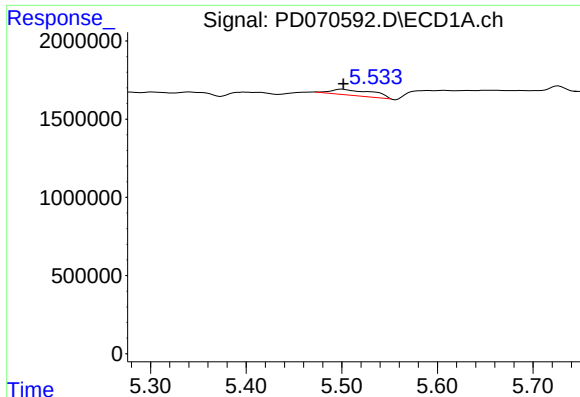
#11 cis-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.065 min  
Response: 149728  
Conc: N.D.



#11 cis-Chlordane

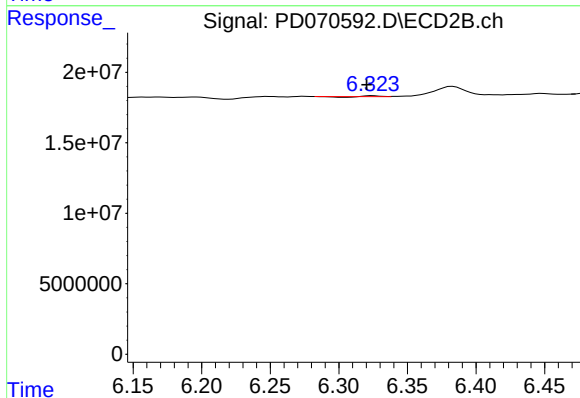
R.T.: 6.170 min  
Delta R.T.: 0.003 min  
Response: 2229062  
Conc: 0.17 ng/ml



#12 4,4'-DDE

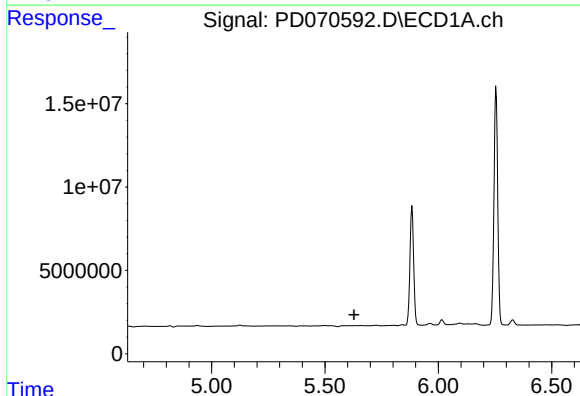
R.T.: 5.500 min  
Delta R.T.: -0.001 min  
Response: 1082969  
Conc: 0.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



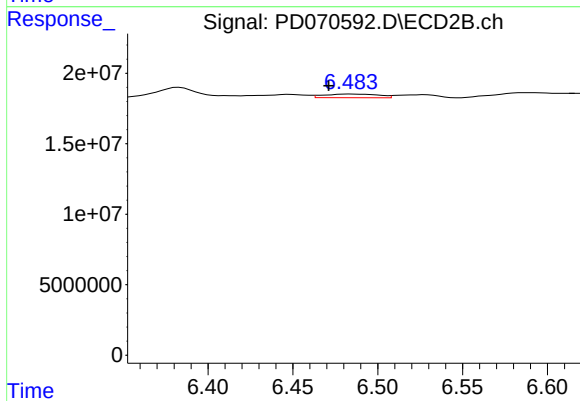
#12 4,4'-DDE

R.T.: 6.324 min  
Delta R.T.: 0.004 min  
Response: 23357  
Conc: N.D.



#13 Dieldrin

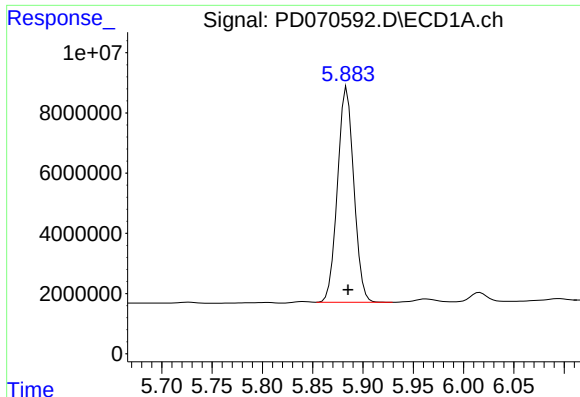
R.T.: 0.000 min  
Exp R.T. : 5.629 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 6.484 min  
Delta R.T.: 0.013 min  
Response: 5812061  
Conc: 0.44 ng/ml

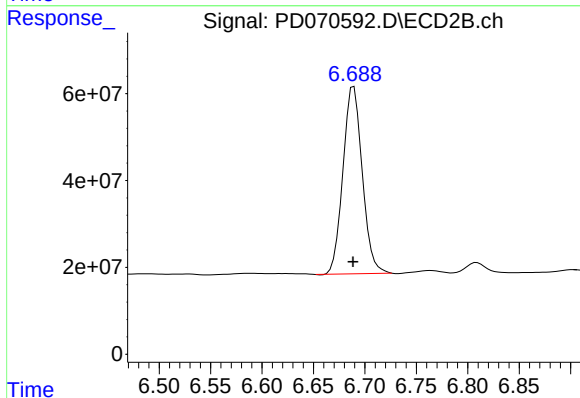




#14 Endrin

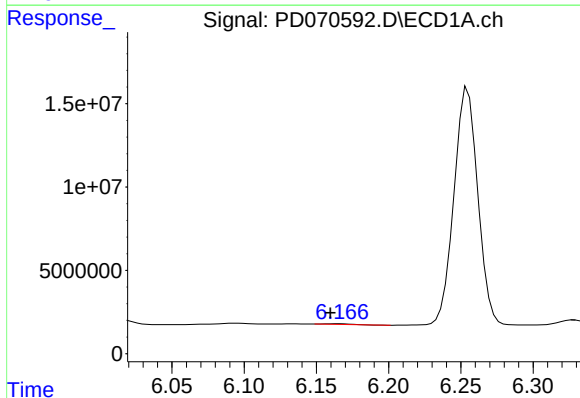
R.T.: 5.884 min  
Delta R.T.: -0.001 min  
Response: 80543091  
Conc: 44.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



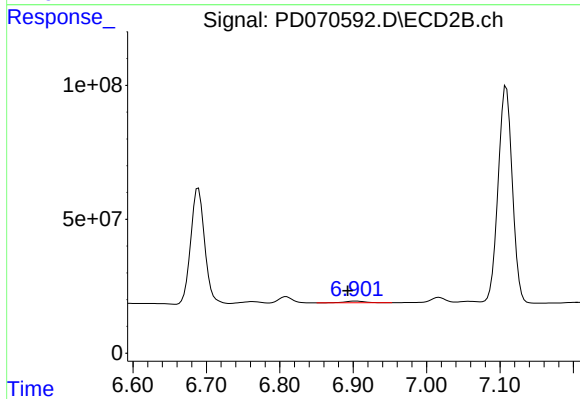
#14 Endrin

R.T.: 6.689 min  
Delta R.T.: 0.000 min  
Response: 563203453  
Conc: 52.09 ng/ml



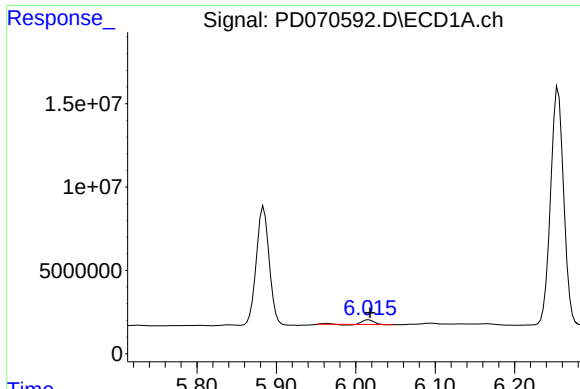
#15 Endosulfan II

R.T.: 6.165 min  
Delta R.T.: 0.005 min  
Response: 498515  
Conc: 0.28 ng/ml



#15 Endosulfan II

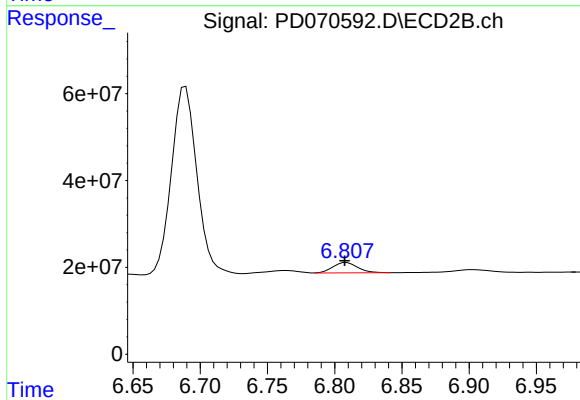
R.T.: 6.903 min  
Delta R.T.: 0.010 min  
Response: 12006887  
Conc: 1.11 ng/ml



#16 4,4'-DDD

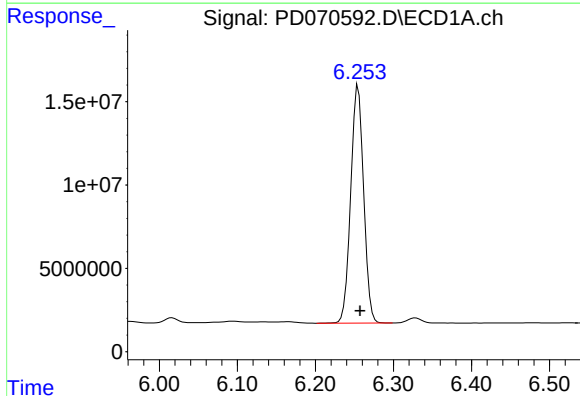
R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 2656340  
Conc: 1.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



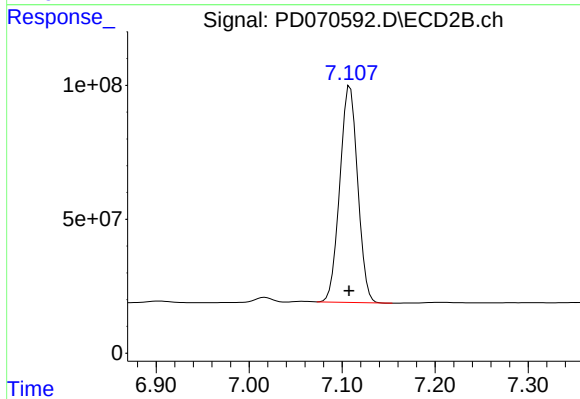
#16 4,4'-DDD

R.T.: 6.809 min  
Delta R.T.: 0.001 min  
Response: 30194970  
Conc: 2.85 ng/ml



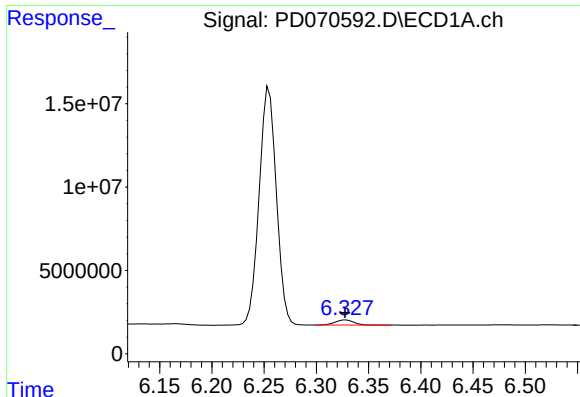
#17 4,4'-DDT

R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 163925870  
Conc: 101.44 ng/ml



#17 4,4'-DDT

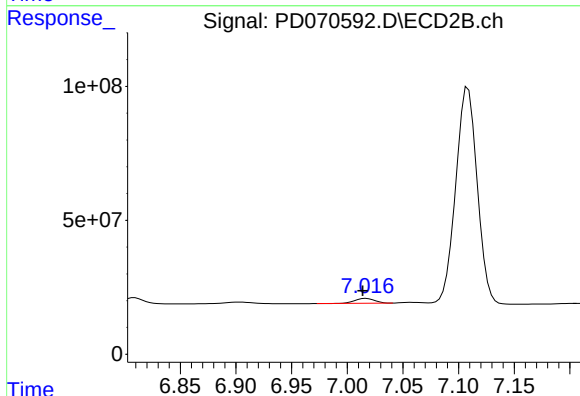
R.T.: 7.109 min  
Delta R.T.: 0.001 min  
Response: 1079568394  
Conc: 106.86 ng/ml



#18 Endrin aldehyde

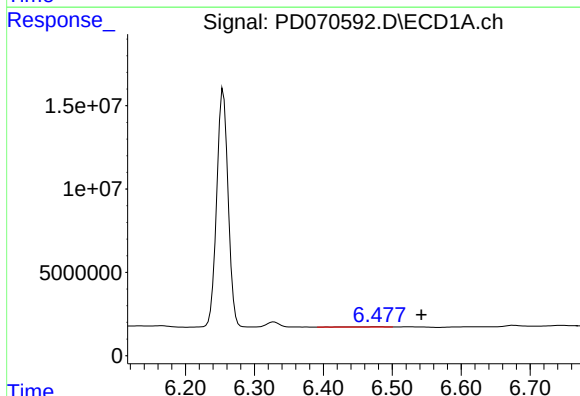
R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 3769362  
Conc: 2.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



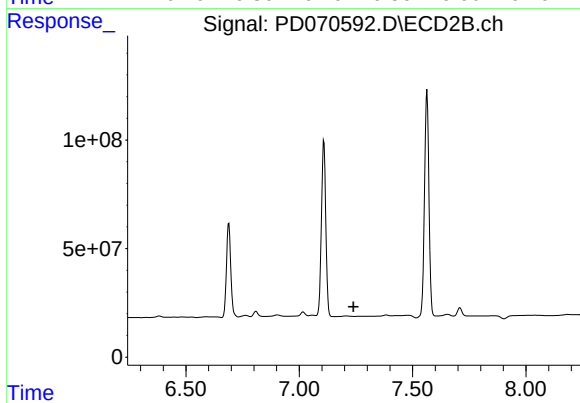
#18 Endrin aldehyde

R.T.: 7.017 min  
Delta R.T.: 0.003 min  
Response: 22365809  
Conc: 2.45 ng/ml



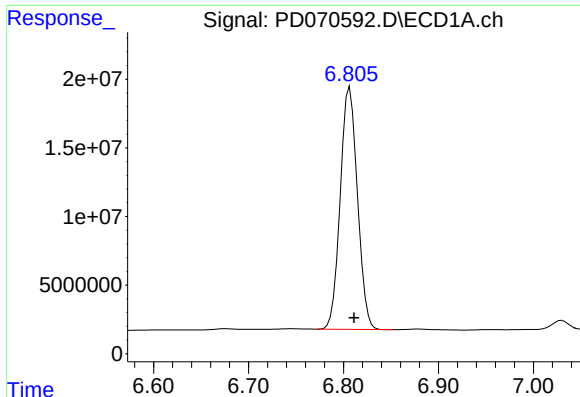
#19 Endosulfan Sulfate

R.T.: 6.479 min  
Delta R.T.: -0.063 min  
Response: 265538  
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

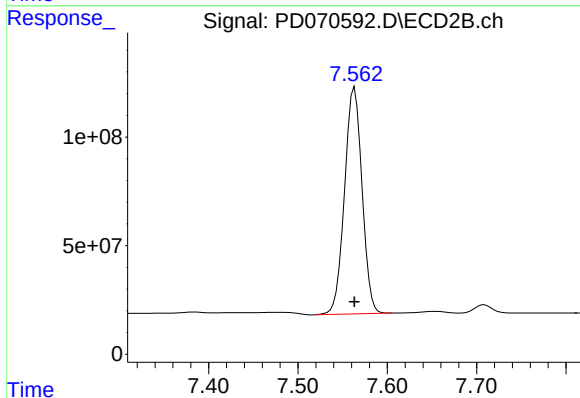
R.T.: 7.282 min  
Delta R.T.: 0.042 min  
Response: -371147  
Conc: N.D.



#20 Methoxychlor

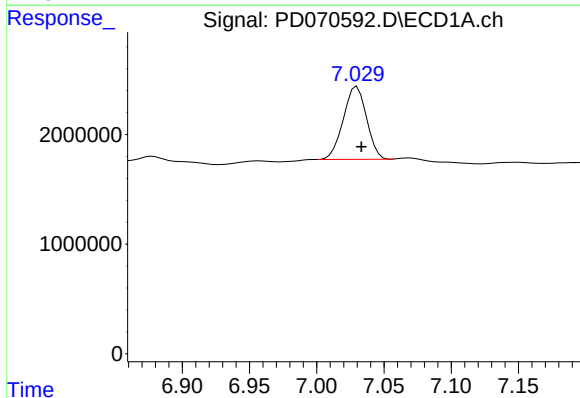
R.T.: 6.807 min  
Delta R.T.: -0.004 min  
Response: 222327014  
Conc: 251.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



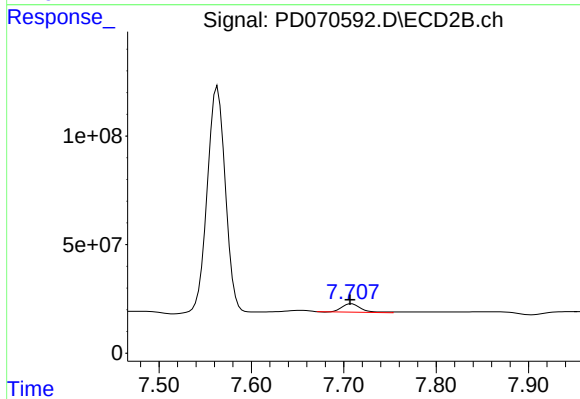
#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 1420276199  
Conc: 293.86 ng/ml



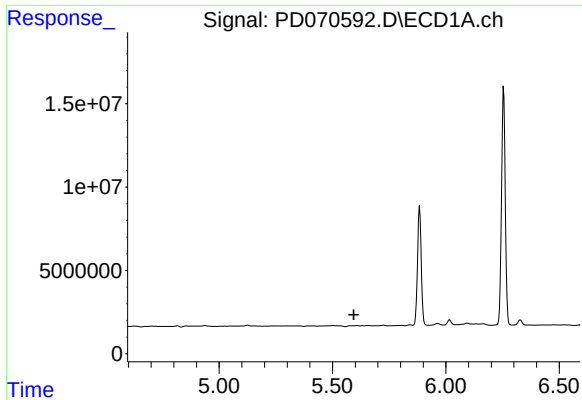
#21 Endrin ketone

R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 7985812  
Conc: 4.07 ng/ml



#21 Endrin ketone

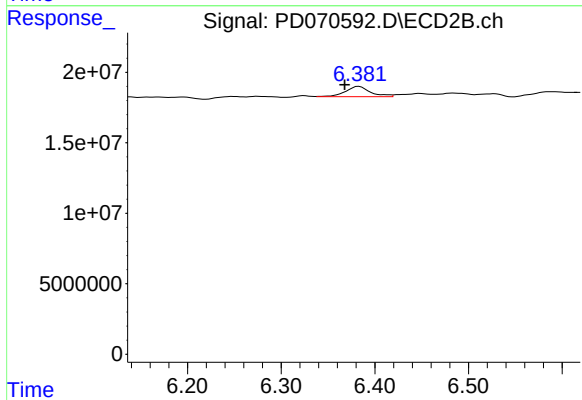
R.T.: 7.708 min  
Delta R.T.: 0.002 min  
Response: 55246207  
Conc: 4.85 ng/ml



#22 Toxaphene-1

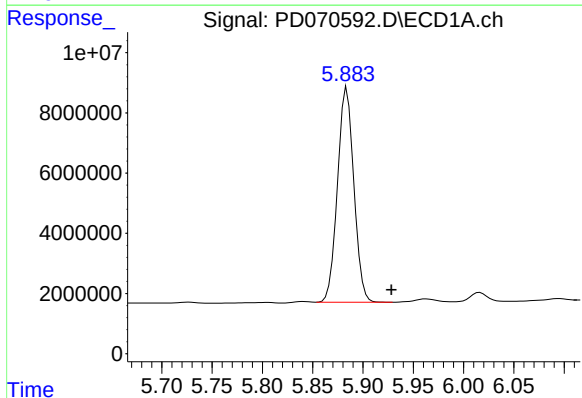
R.T.: 0.000 min  
Exp R.T.: 5.593 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



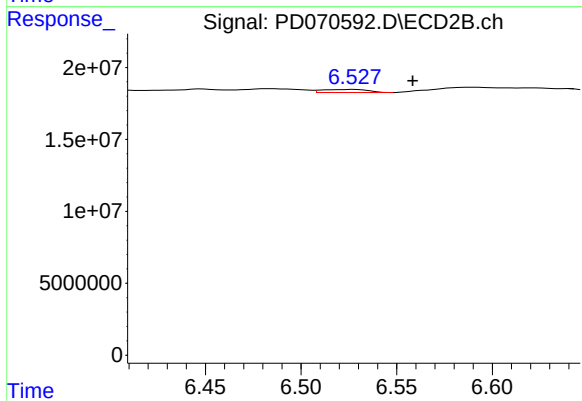
#22 Toxaphene-1

R.T.: 6.383 min  
Delta R.T.: 0.015 min  
Response: 13458140  
Conc: 154.81 ng/ml



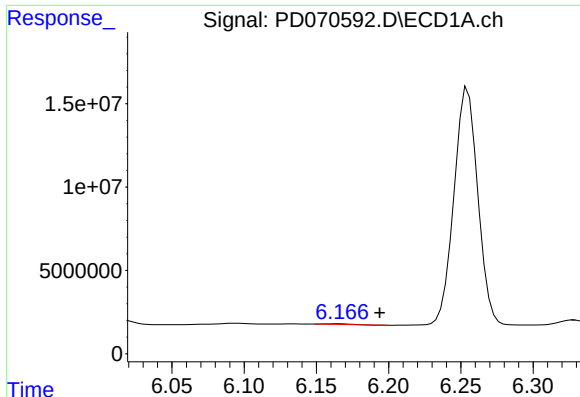
#23 Toxaphene-2

R.T.: 5.884 min  
Delta R.T.: -0.044 min  
Response: 80543091  
Conc: 7039.11 ng/ml



#23 Toxaphene-2

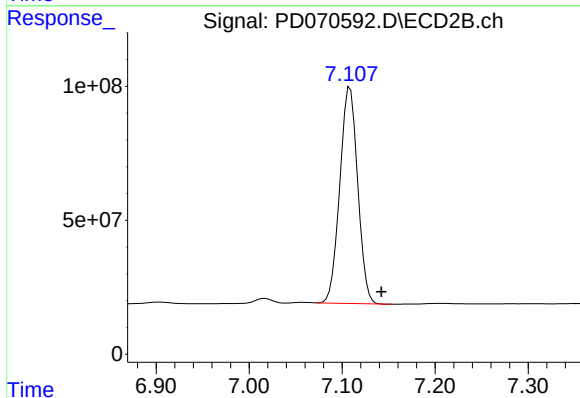
R.T.: 6.528 min  
Delta R.T.: -0.031 min  
Response: 3575547  
Conc: 33.59 ng/ml



#24 Toxaphene-3

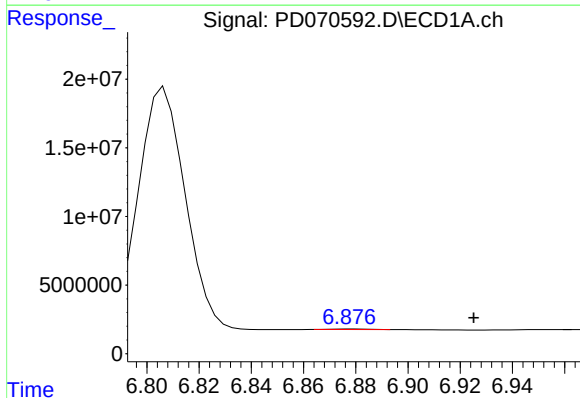
R.T.: 6.165 min  
Delta R.T.: -0.029 min  
Response: 498515  
Conc: 39.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



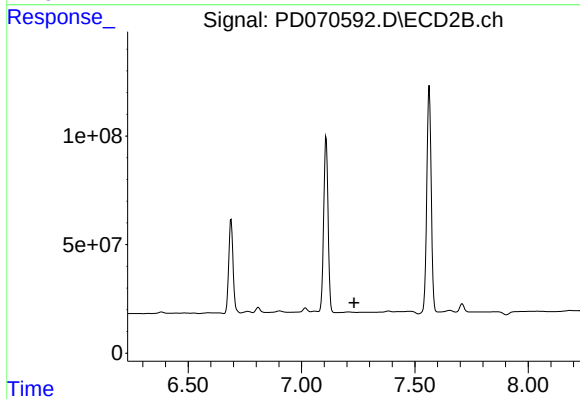
#24 Toxaphene-3

R.T.: 7.109 min  
Delta R.T.: -0.034 min  
Response: 1079568394  
Conc: 3760.81 ng/ml



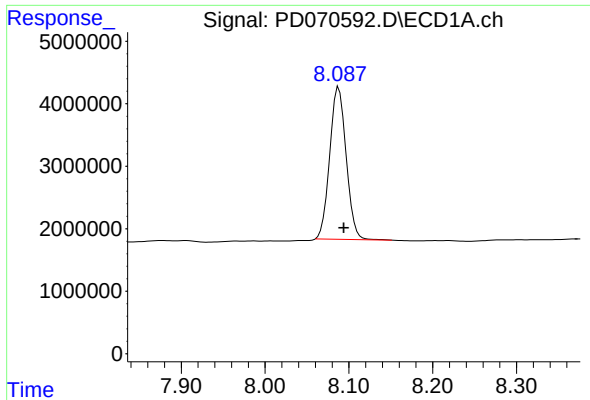
#25 Toxaphene-4

R.T.: 6.878 min  
Delta R.T.: -0.047 min  
Response: 375068  
Conc: 6.94 ng/ml



#25 Toxaphene-4

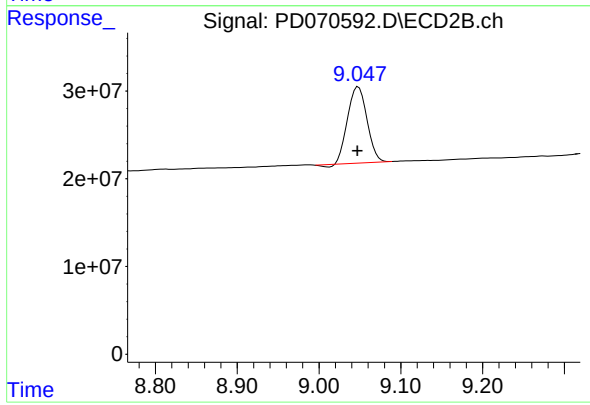
R.T.: 7.282 min  
Delta R.T.: 0.050 min  
Response: -371147  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: -0.006 min  
Response: 33157873  
Conc: 20.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.048 min  
Delta R.T.: 0.000 min  
Response: 142750925  
Conc: 19.19 ng/ml