

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD093025\  
 Data File : PD090460.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2025 16:26  
 Operator : AR\AJ  
 Sample : PB169830BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 02:22:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:52:38 2025  
 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... | 3.549 | 2.874 | 61932151 | 538.8E6  | 19.053  | 19.628     |
| 2)                          | SA Decachlor... | 9.071 | 8.063 | 104.6E6  | 644.5E6  | 21.678  | 19.884     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.999 | 3.387 | 363.2E6  | 2101.9E6 | 51.998  | 48.006     |
| 3)                          | MA gamma-BHC... | 4.330 | 3.723 | 336.2E6  | 1948.2E6 | 50.813  | 47.826     |
| 4)                          | MA Heptachlor   | 4.928 | 4.075 | 346.6E6  | 1983.3E6 | 52.420  | 48.710     |
| 5)                          | MB Aldrin       | 5.269 | 4.361 | 331.1E6  | 1926.9E6 | 52.148  | 48.250     |
| 6)                          | B beta-BHC      | 4.517 | 4.019 | 126.9E6  | 823.6E6  | 49.205  | 47.512     |
| 7)                          | B delta-BHC     | 4.765 | 4.256 | 226.7E6  | 1977.3E6 | 35.103  | 47.884 #   |
| 8)                          | B Heptachlo...  | 5.690 | 4.865 | 291.1E6  | 1789.5E6 | 50.945  | 48.541     |
| 9)                          | A Endosulfan I  | 6.073 | 5.239 | 275.8E6  | 1652.4E6 | 51.061  | 47.749     |
| 10)                         | B gamma-Chl...  | 5.945 | 5.118 | 293.5E6  | 1890.5E6 | 51.388  | 48.122     |
| 11)                         | B alpha-Chl...  | 6.026 | 5.182 | 305.3E6  | 1807.6E6 | 52.987  | 47.991     |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.367 | 268.6E6  | 1848.0E6 | 51.581  | 48.277     |
| 13)                         | MA Dieldrin     | 6.346 | 5.505 | 300.3E6  | 1876.7E6 | 52.098  | 48.186     |
| 14)                         | MA Endrin       | 6.573 | 5.782 | 259.0E6  | 1775.1E6 | 52.922  | 49.540     |
| 15)                         | B Endosulfa...  | 6.786 | 6.073 | 257.2E6  | 1622.9E6 | 52.733  | 48.086     |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.922 | 213.8E6  | 1535.2E6 | 52.172  | 47.343     |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.176 | 233.5E6  | 1652.4E6 | 52.453  | 48.064     |
| 18)                         | B Endrin al...  | 6.914 | 6.252 | 186.2E6  | 1202.4E6 | 54.282  | 51.062     |
| 19)                         | B Endosulfa...  | 7.149 | 6.475 | 237.2E6  | 1576.1E6 | 51.559  | 48.214     |
| 20)                         | A Methoxychlor  | 7.493 | 6.746 | 121.5E6  | 826.7E6  | 51.564  | 47.508     |
| 21)                         | B Endrin ke...  | 7.630 | 6.984 | 253.0E6  | 1614.3E6 | 51.134  | 44.715     |
| 22)                         | Mirex           | 8.112 | 7.177 | 167.4E6  | 1140.8E6 | 45.184  | 41.324     |
| 23)                         | Chlordane-1     | 0.000 | 3.887 | 0        | 1666704  | N.D.    | 1.385 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.499 | 0        | 17465063 | N.D.    | 13.967 #   |
| 25)                         | Chlordane-3     | 5.945 | 5.118 | 293.5E6  | 1890.5E6 | 350.680 | 498.747 #  |
| 26)                         | Chlordane-4     | 6.026 | 5.182 | 305.3E6  | 1807.6E6 | 299.108 | 555.147 #  |
| 27)                         | Chlordane-5     | 6.866 | 6.073 | 1037173  | 1622.9E6 | 5.826   | 1069.396 # |
| -----                       |                 |       |       |          |          |         |            |

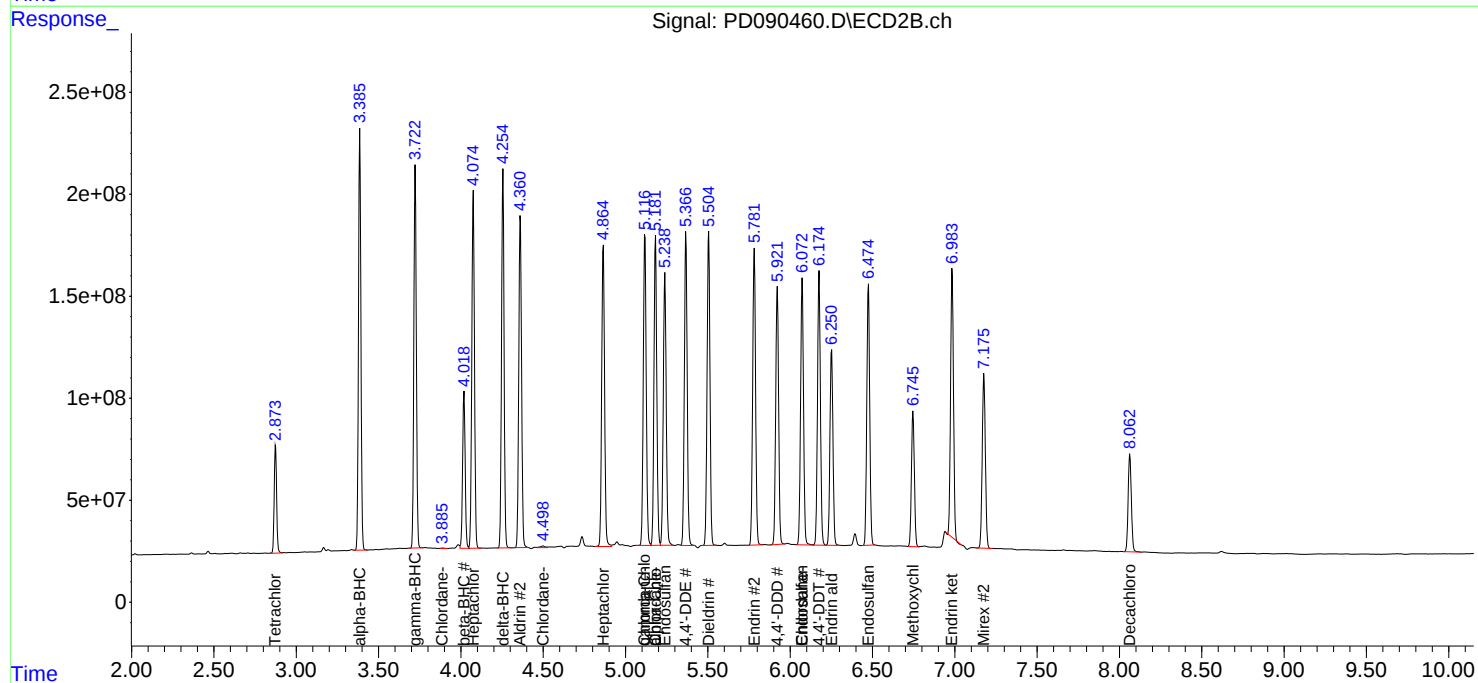
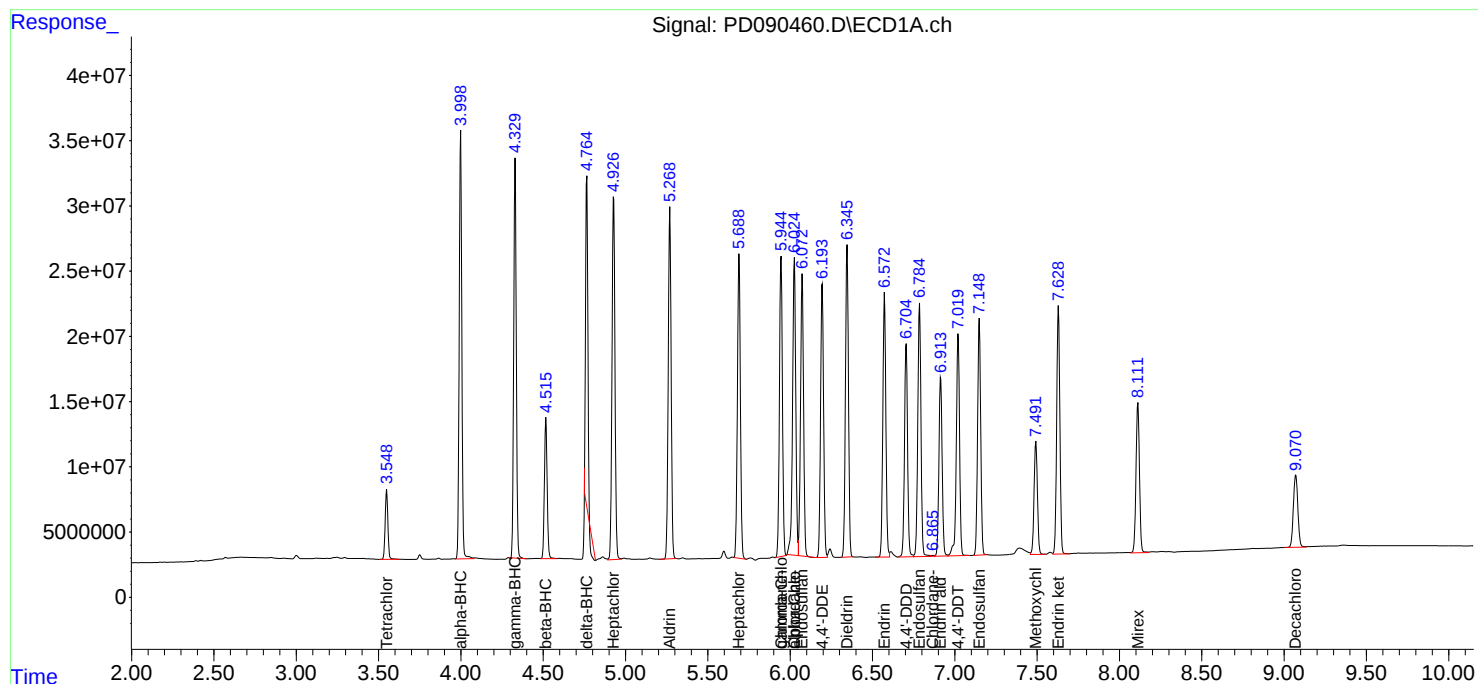
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

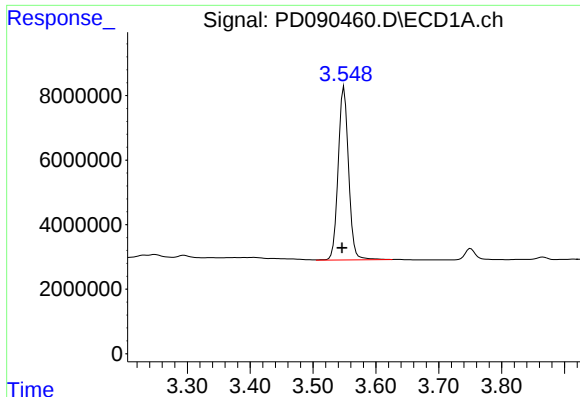
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD093025\  
Data File : PD090460.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2025 16:26  
Operator : AR\AJ  
Sample : PB169830BSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 01 02:22:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 19 05:52:38 2025  
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

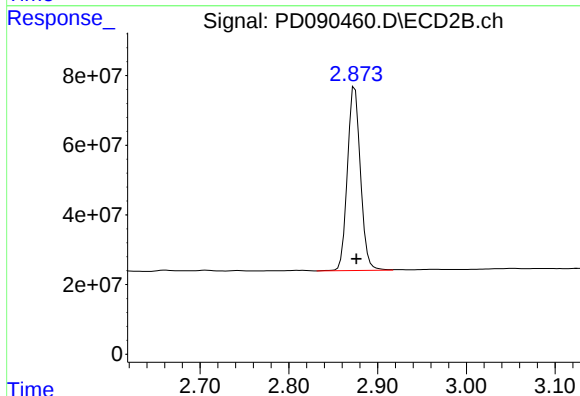




#1 Tetrachloro-m-xylene

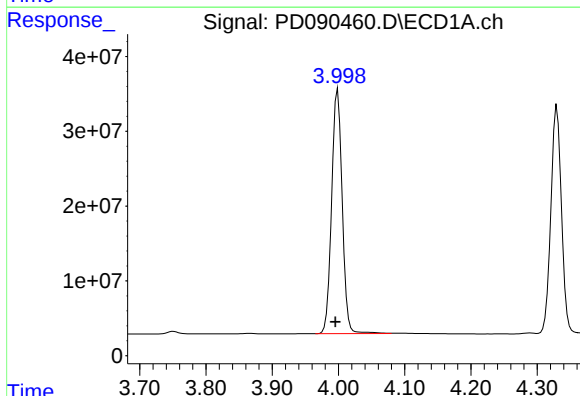
R.T.: 3.549 min  
Delta R.T.: 0.003 min  
Response: 61932151  
Conc: 19.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



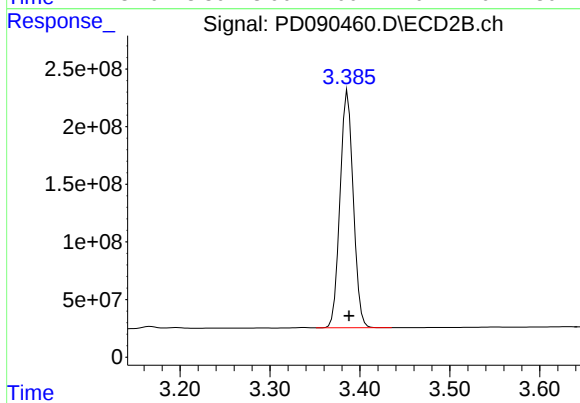
#1 Tetrachloro-m-xylene

R.T.: 2.874 min  
Delta R.T.: -0.002 min  
Response: 538779889  
Conc: 19.63 ng/ml



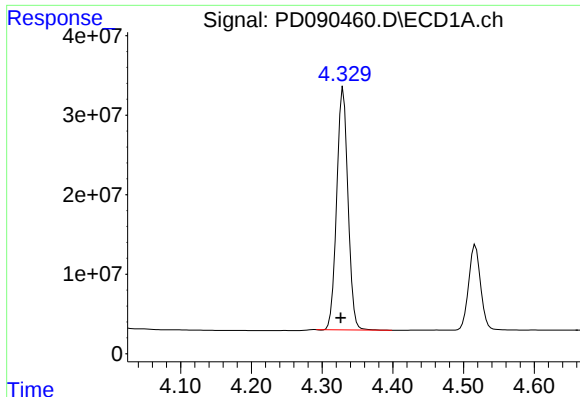
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.003 min  
Response: 363183898  
Conc: 52.00 ng/ml



#2 alpha-BHC

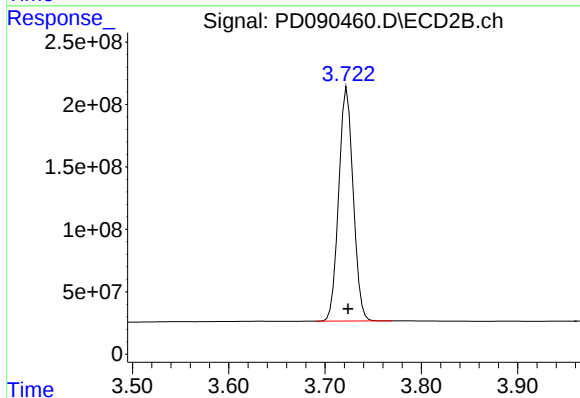
R.T.: 3.387 min  
Delta R.T.: -0.001 min  
Response: 2101860242  
Conc: 48.01 ng/ml



#3 gamma-BHC (Lindane)

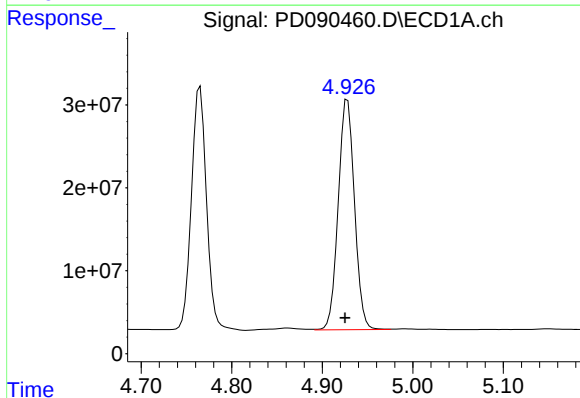
R.T.: 4.330 min  
Delta R.T.: 0.004 min  
Response: 336226475  
Conc: 50.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



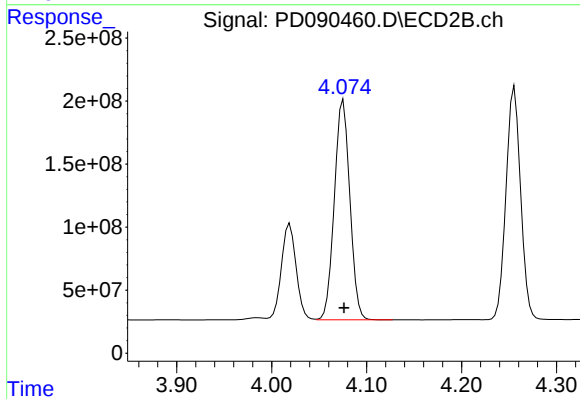
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 1948225200  
Conc: 47.83 ng/ml



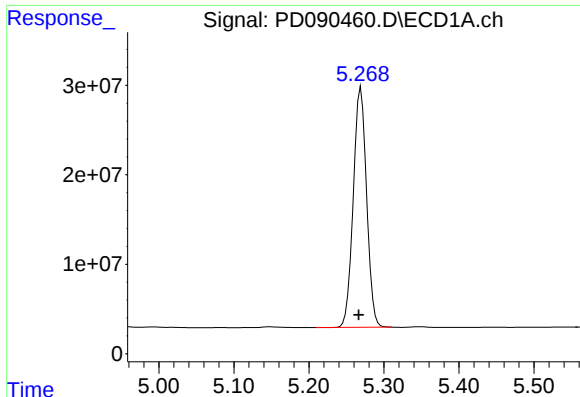
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.003 min  
Response: 346634156  
Conc: 52.42 ng/ml



#4 Heptachlor

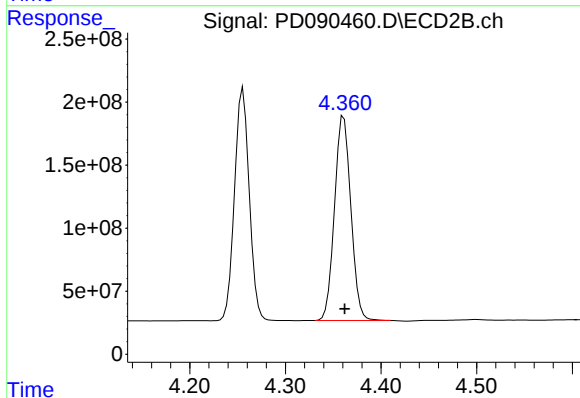
R.T.: 4.075 min  
Delta R.T.: 0.000 min  
Response: 1983323463  
Conc: 48.71 ng/ml



#5 Aldrin

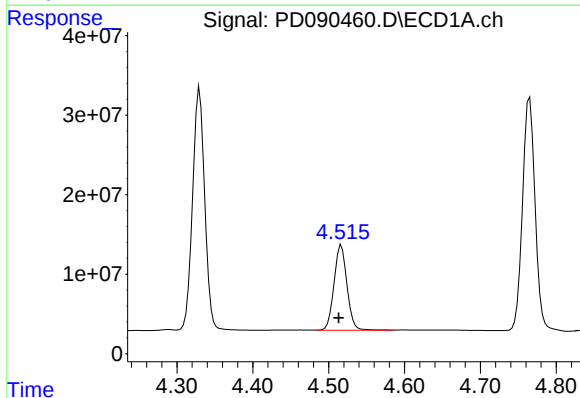
R.T.: 5.269 min  
Delta R.T.: 0.003 min  
Response: 331134119  
Conc: 52.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



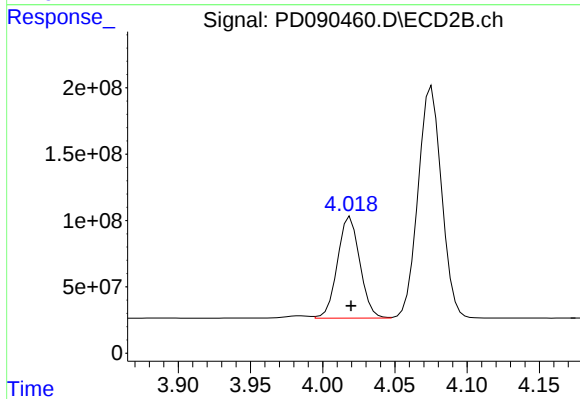
#5 Aldrin

R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 1926857856  
Conc: 48.25 ng/ml



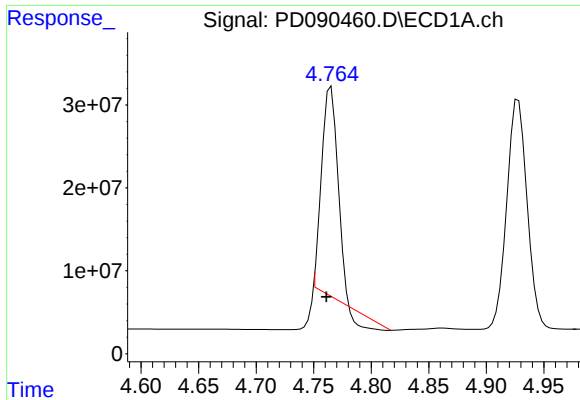
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: 0.004 min  
Response: 126944839  
Conc: 49.20 ng/ml



#6 beta-BHC

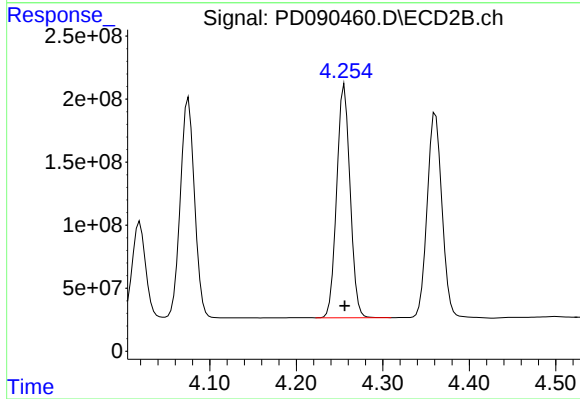
R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 823632272  
Conc: 47.51 ng/ml



#7 delta-BHC

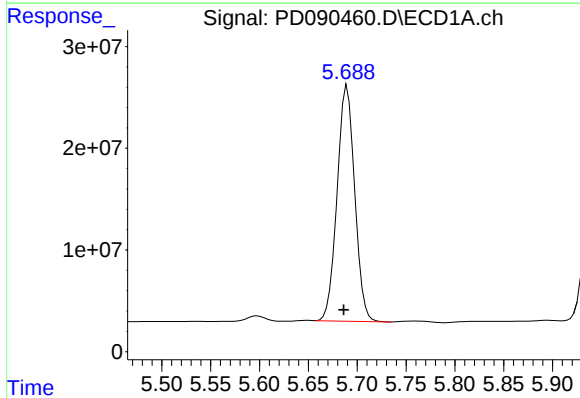
R.T.: 4.765 min  
Delta R.T.: 0.004 min  
Response: 226677091  
Conc: 35.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



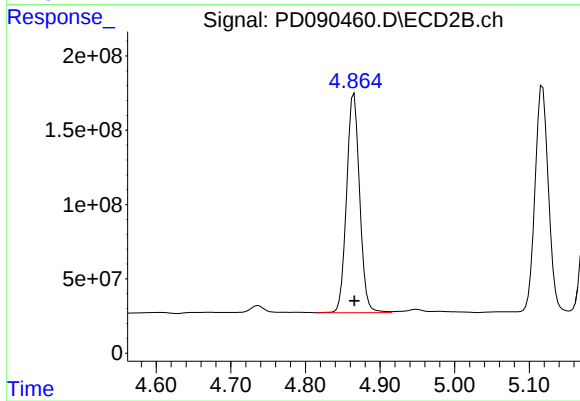
#7 delta-BHC

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 1977348821  
Conc: 47.88 ng/ml



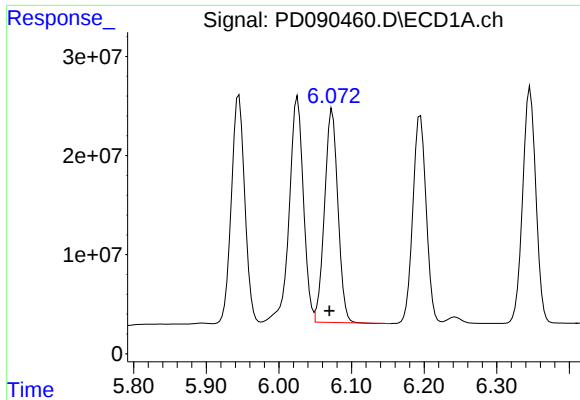
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.003 min  
Response: 291149283  
Conc: 50.95 ng/ml



#8 Heptachlor epoxide

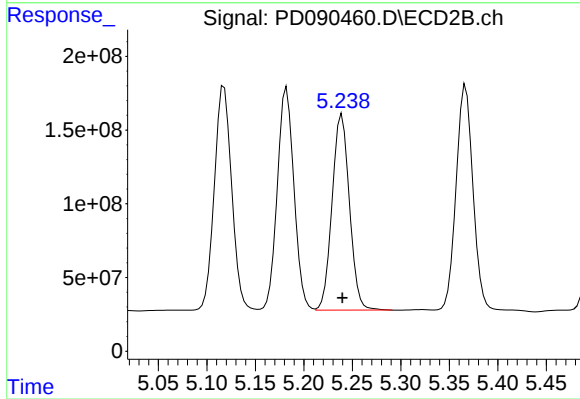
R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 1789481682  
Conc: 48.54 ng/ml



#9 Endosulfan I

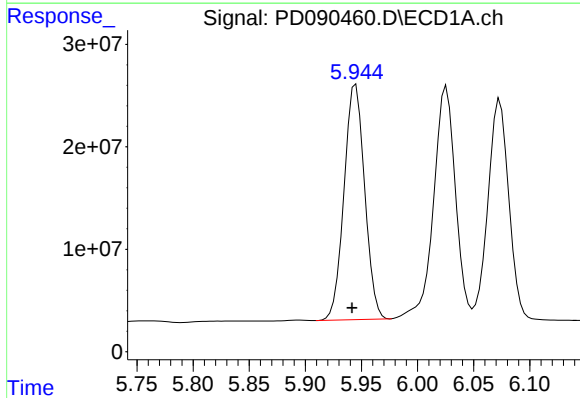
R.T.: 6.073 min  
Delta R.T.: 0.004 min  
Response: 275801310  
Conc: 51.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



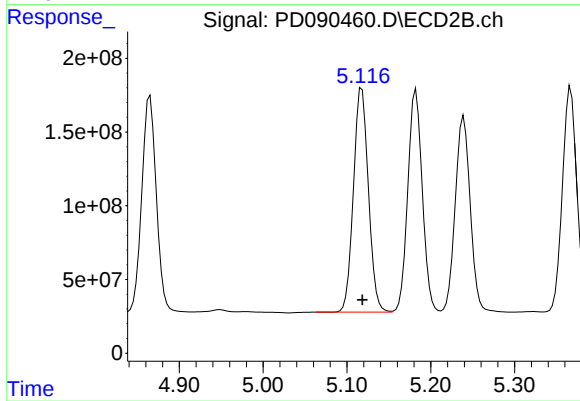
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 1652375661  
Conc: 47.75 ng/ml



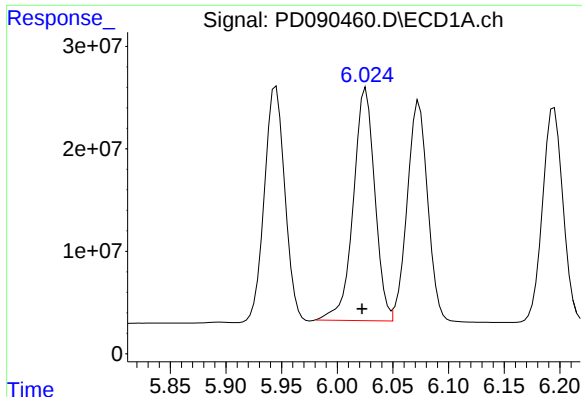
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.003 min  
Response: 293523629  
Conc: 51.39 ng/ml



#10 gamma-Chlordane

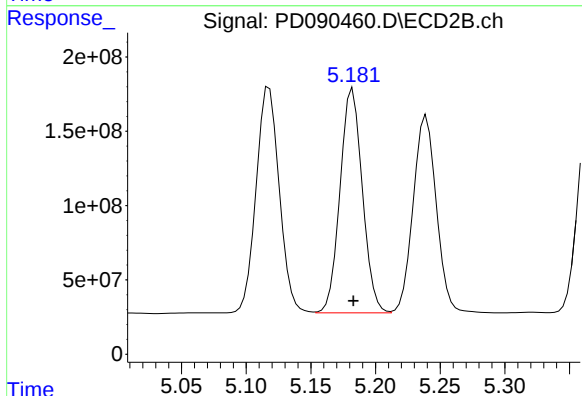
R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 1890536613  
Conc: 48.12 ng/ml



#11 alpha-Chlordane

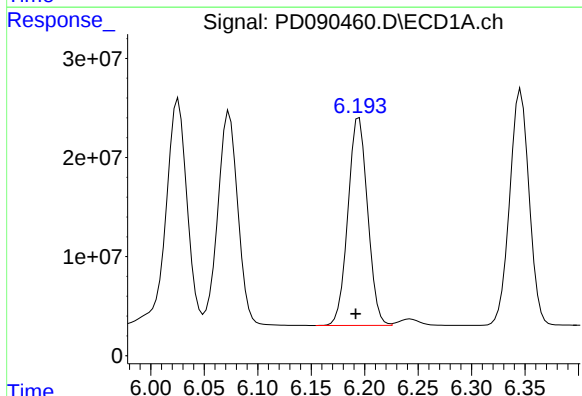
R.T.: 6.026 min  
Delta R.T.: 0.003 min  
Response: 305251934  
Conc: 52.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



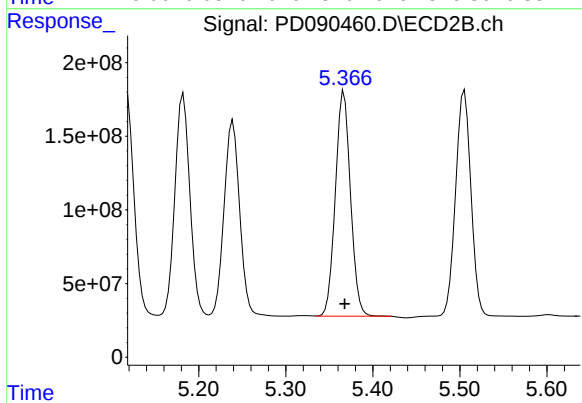
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: 0.000 min  
Response: 1807582071  
Conc: 47.99 ng/ml



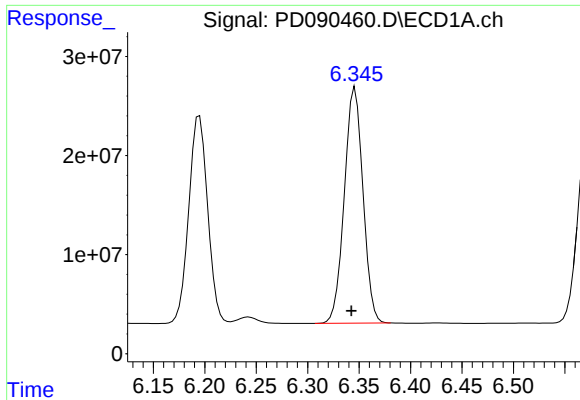
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.003 min  
Response: 268610595  
Conc: 51.58 ng/ml



#12 4,4'-DDE

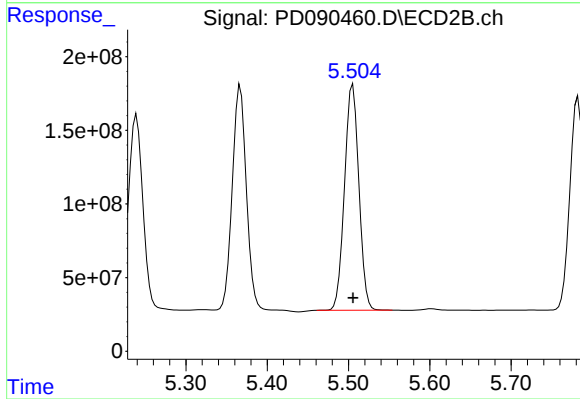
R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 1848002688  
Conc: 48.28 ng/ml



#13 Dieldrin

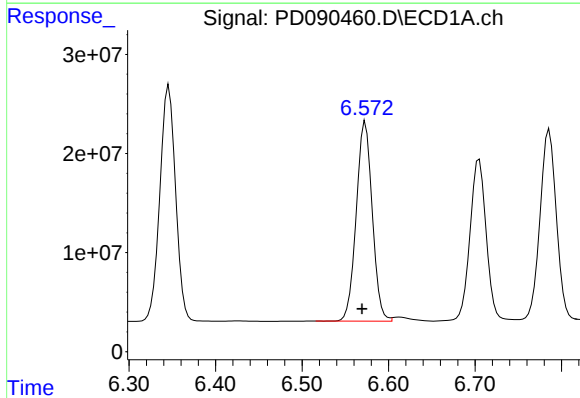
R.T.: 6.346 min  
Delta R.T.: 0.003 min  
Response: 300326328  
Conc: 52.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



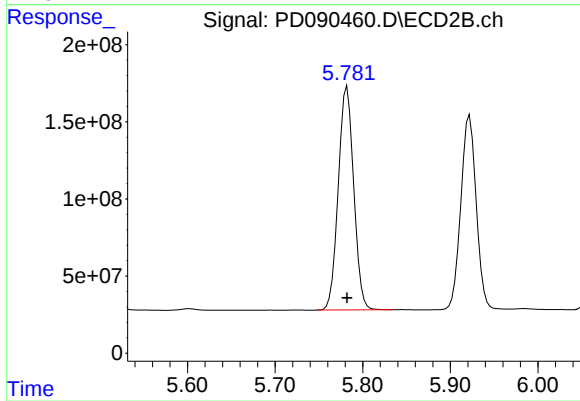
#13 Dieldrin

R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 1876664896  
Conc: 48.19 ng/ml



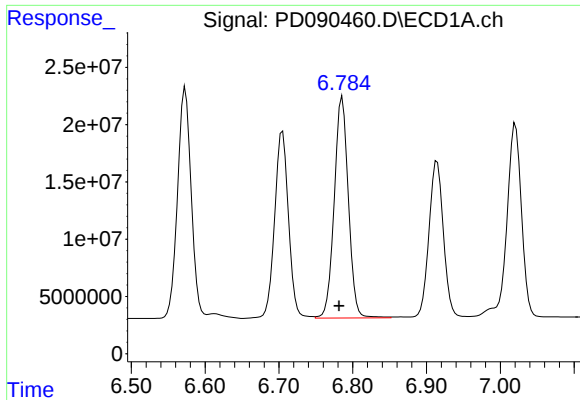
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.004 min  
Response: 258999260  
Conc: 52.92 ng/ml



#14 Endrin

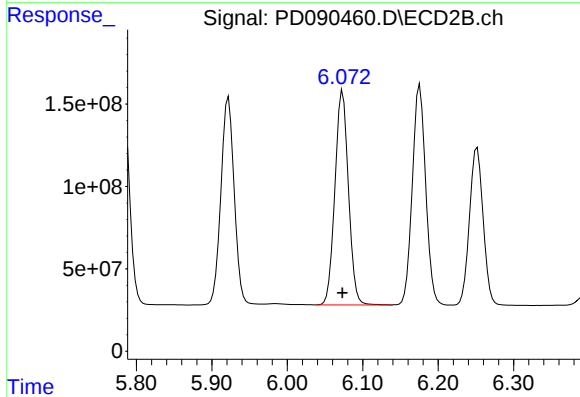
R.T.: 5.782 min  
Delta R.T.: 0.000 min  
Response: 1775121866  
Conc: 49.54 ng/ml



#15 Endosulfan II

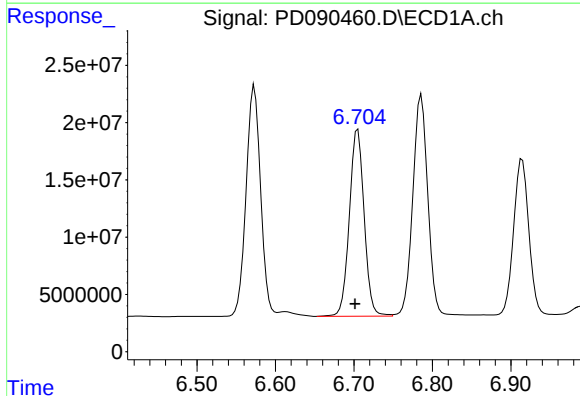
R.T.: 6.786 min  
Delta R.T.: 0.004 min  
Response: 257219136  
Conc: 52.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



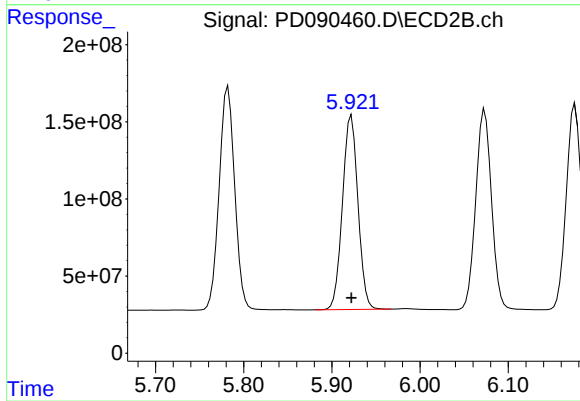
#15 Endosulfan II

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 1622925873  
Conc: 48.09 ng/ml



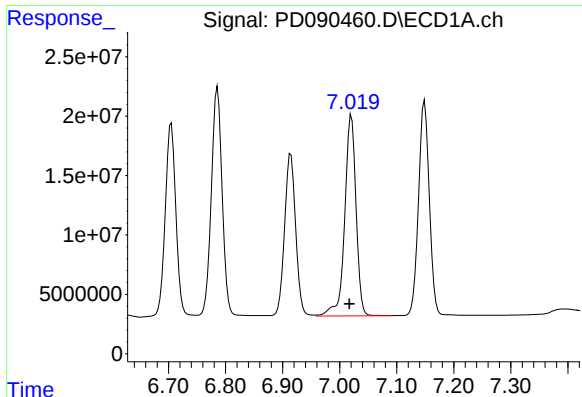
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.004 min  
Response: 213790438  
Conc: 52.17 ng/ml



#16 4,4'-DDD

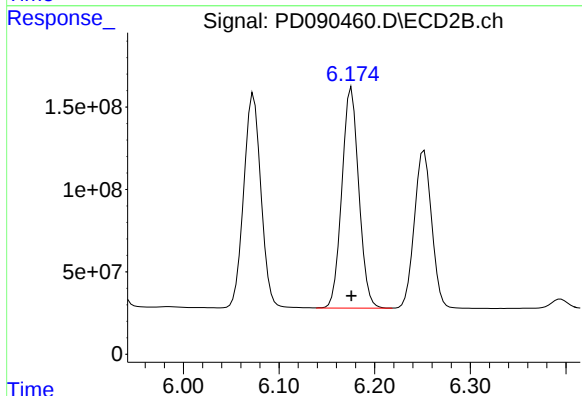
R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 1535218023  
Conc: 47.34 ng/ml



#17 4,4'-DDT

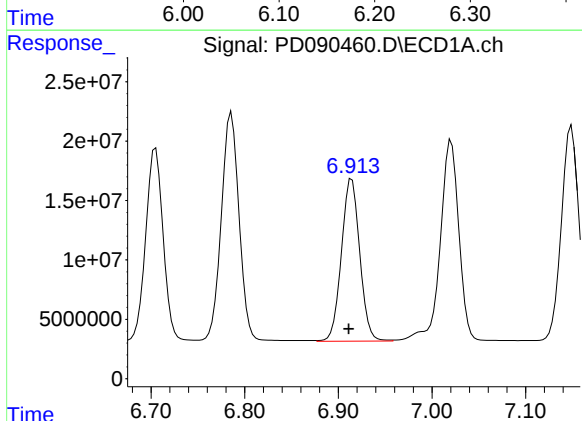
R.T.: 7.020 min  
Delta R.T.: 0.004 min  
Response: 233544779  
Conc: 52.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



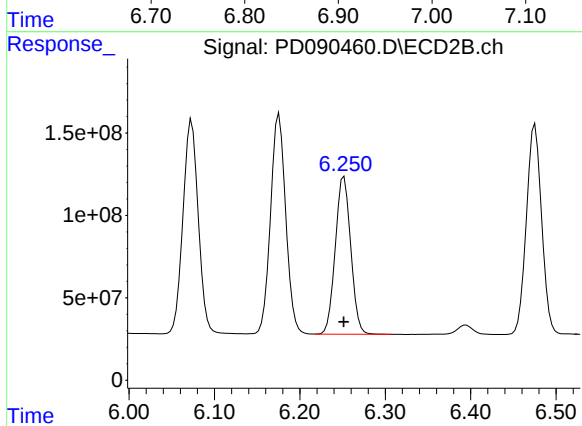
#17 4,4'-DDT

R.T.: 6.176 min  
Delta R.T.: 0.000 min  
Response: 1652402806  
Conc: 48.06 ng/ml



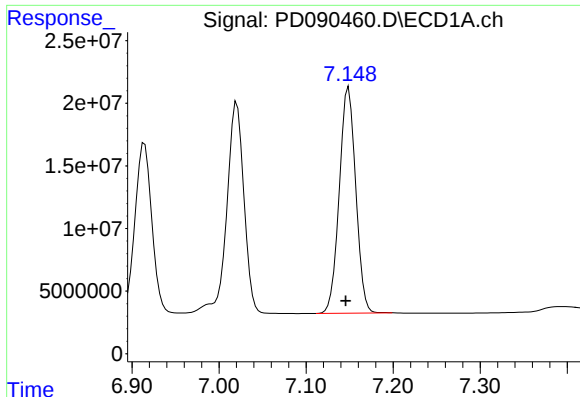
#18 Endrin aldehyde

R.T.: 6.914 min  
Delta R.T.: 0.003 min  
Response: 186219957  
Conc: 54.28 ng/ml



#18 Endrin aldehyde

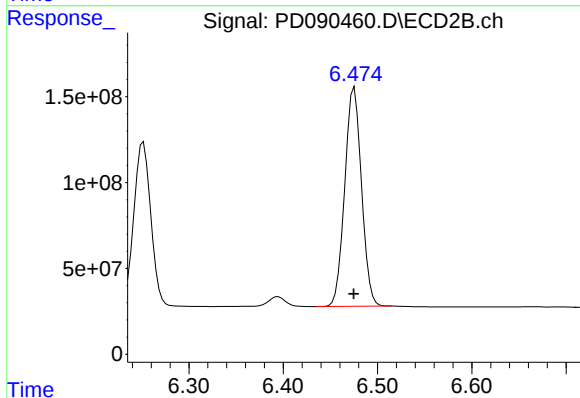
R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 1202357524  
Conc: 51.06 ng/ml



#19 Endosulfan Sulfate

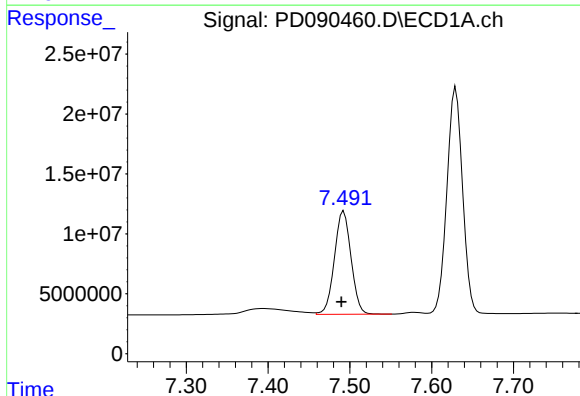
R.T.: 7.149 min  
Delta R.T.: 0.003 min  
Response: 237188312  
Conc: 51.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



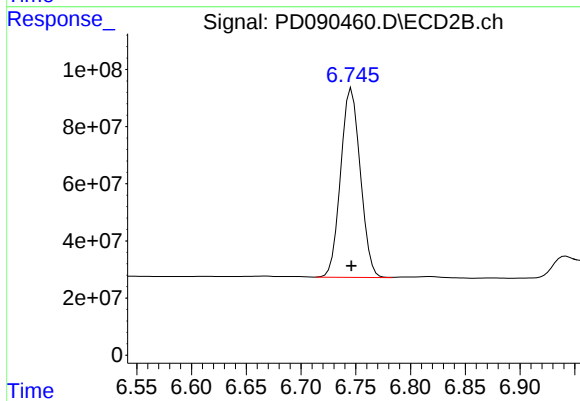
#19 Endosulfan Sulfate

R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 1576130144  
Conc: 48.21 ng/ml



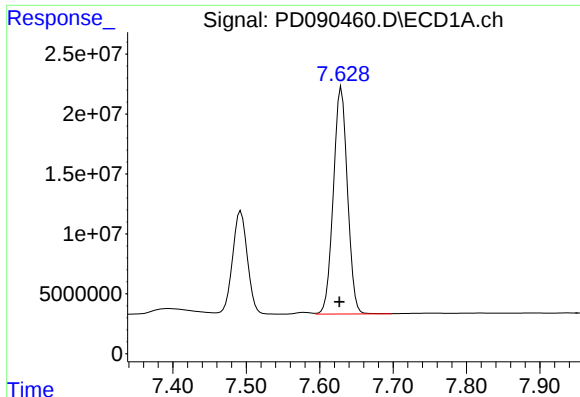
#20 Methoxychlor

R.T.: 7.493 min  
Delta R.T.: 0.003 min  
Response: 121510800  
Conc: 51.56 ng/ml



#20 Methoxychlor

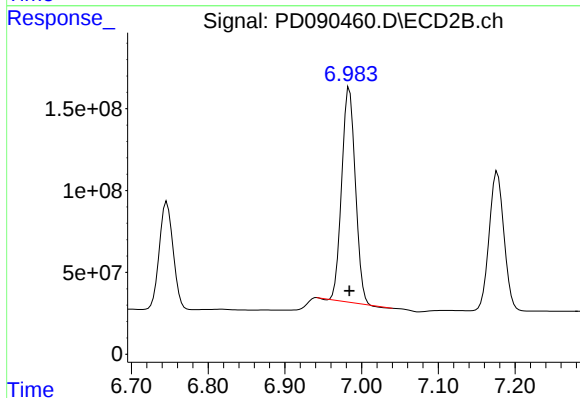
R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 826653515  
Conc: 47.51 ng/ml



#21 Endrin ketone

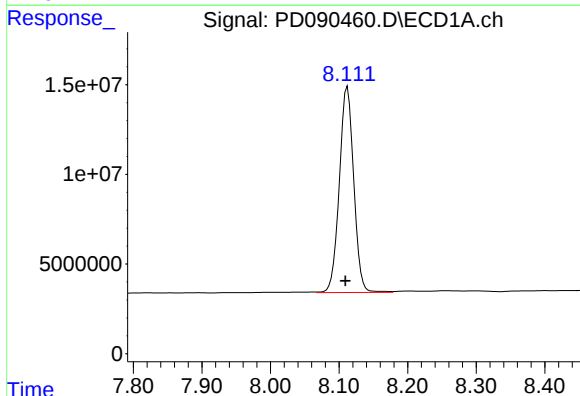
R.T.: 7.630 min  
Delta R.T.: 0.003 min  
Response: 252977418  
Conc: 51.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



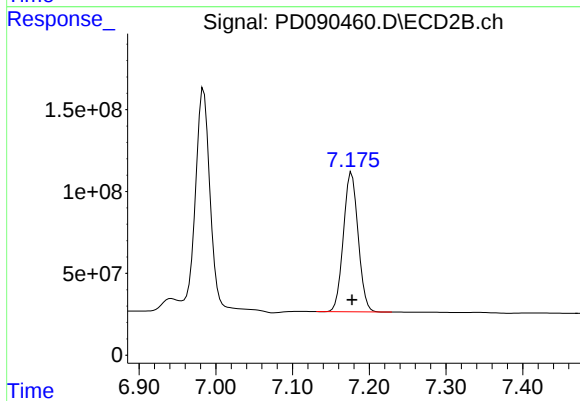
#21 Endrin ketone

R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 1614346016  
Conc: 44.72 ng/ml



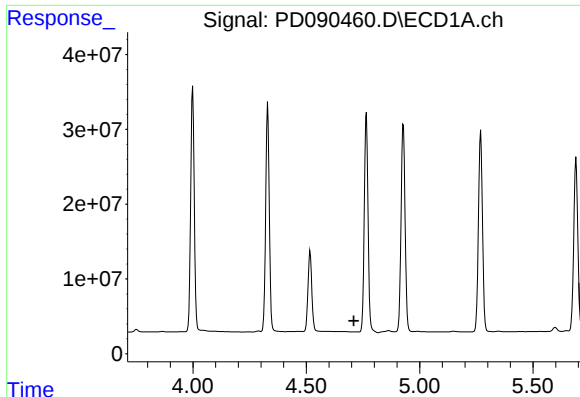
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: 0.003 min  
Response: 167400782  
Conc: 45.18 ng/ml



#22 Mirex

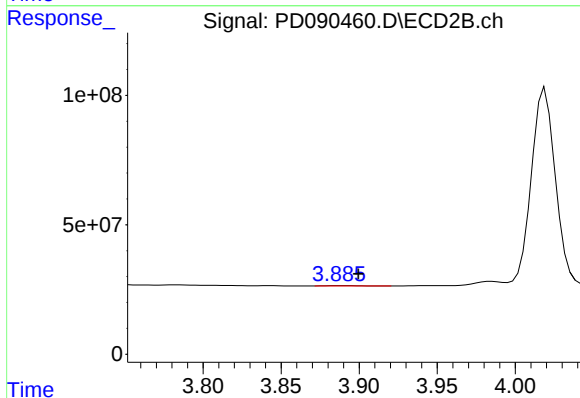
R.T.: 7.177 min  
Delta R.T.: 0.000 min  
Response: 1140799806  
Conc: 41.32 ng/ml



#23 Chlordane-1

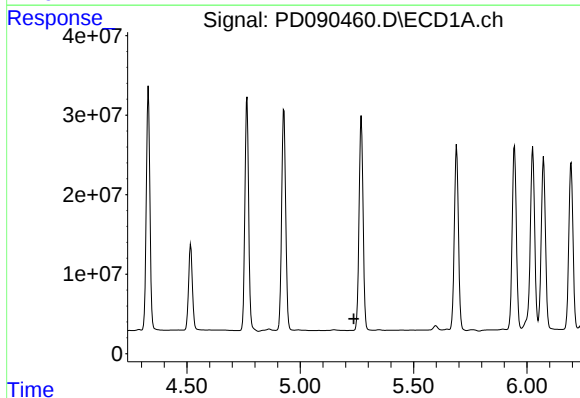
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



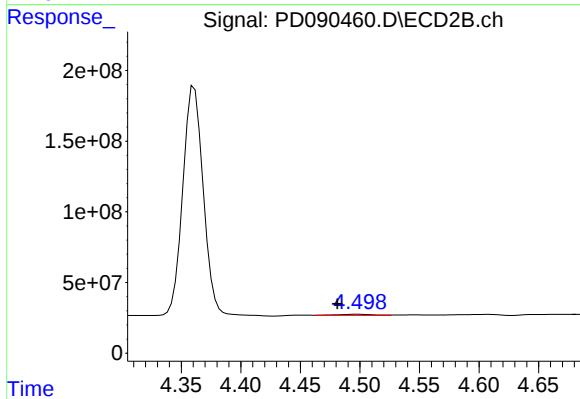
#23 Chlordane-1

R.T.: 3.887 min  
Delta R.T.: -0.013 min  
Response: 1666704  
Conc: 1.38 ng/ml



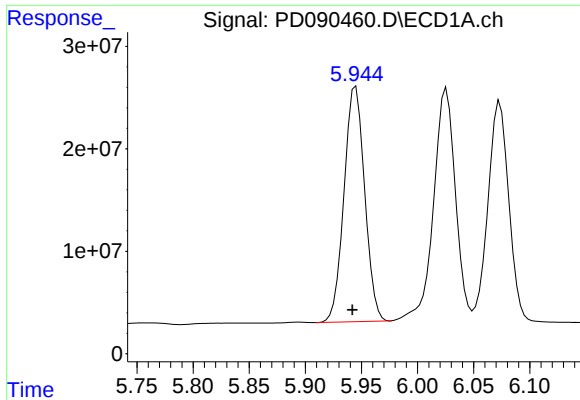
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.237 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

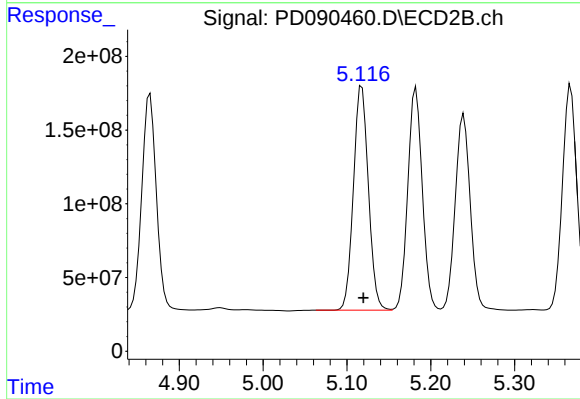
R.T.: 4.499 min  
Delta R.T.: 0.018 min  
Response: 17465063  
Conc: 13.97 ng/ml



#25 Chlordane-3

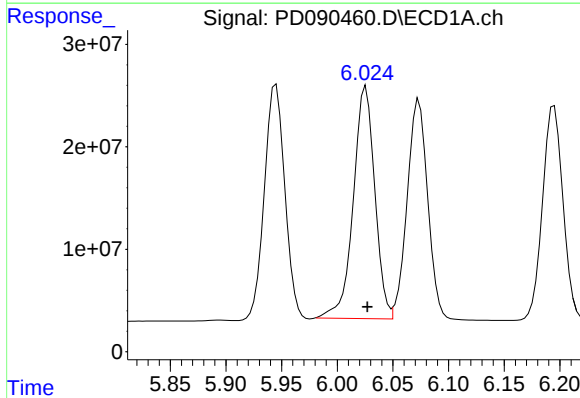
R.T.: 5.945 min  
Delta R.T.: 0.003 min  
Response: 293523629  
Conc: 350.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



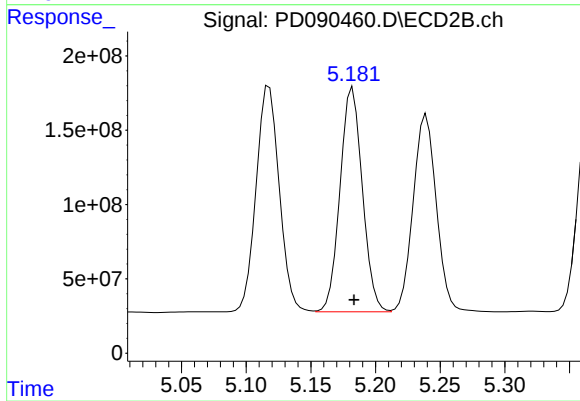
#25 Chlordane-3

R.T.: 5.118 min  
Delta R.T.: -0.002 min  
Response: 1890536613  
Conc: 498.75 ng/ml



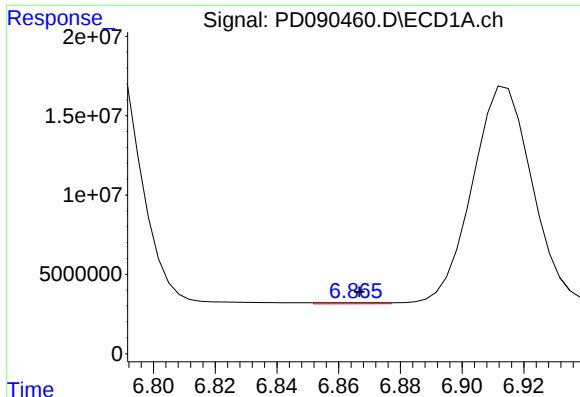
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.001 min  
Response: 305251934  
Conc: 299.11 ng/ml



#26 Chlordane-4

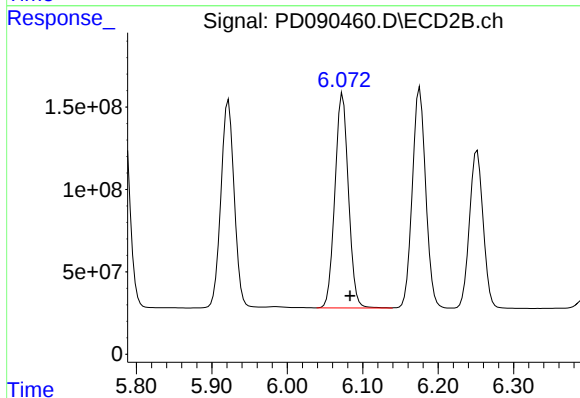
R.T.: 5.182 min  
Delta R.T.: -0.001 min  
Response: 1807582071  
Conc: 555.15 ng/ml



#27 Chlordane-5

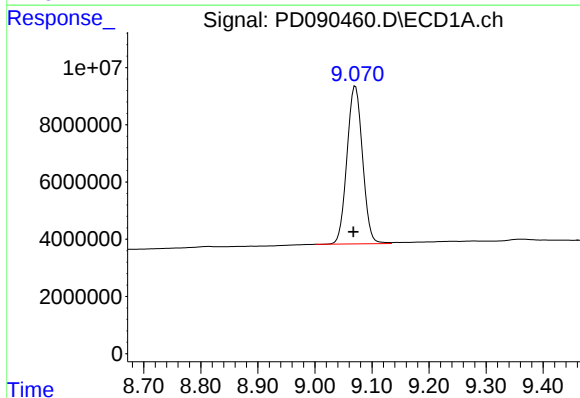
R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 1037173  
Conc: 5.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



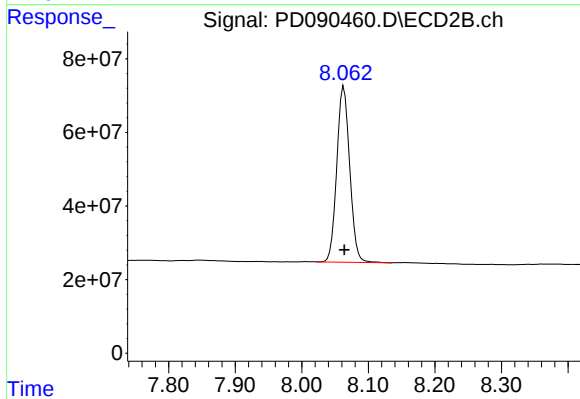
#27 Chlordane-5

R.T.: 6.073 min  
Delta R.T.: -0.010 min  
Response: 1622925873  
Conc: 1069.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.003 min  
Response: 104598089  
Conc: 21.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min  
Delta R.T.: 0.000 min  
Response: 644521973  
Conc: 19.88 ng/ml