

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090425\  
 Data File : PD090142.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Sep 2025 09:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 02:01:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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... | 3.555 | 2.877  | 143.5E6 | 1121.4E6 | 48.878  | 50.854     |
| 28)                         | SA Decachlor... | 9.078 | 8.067  | 219.1E6 | 1364.3E6 | 50.765  | 52.704     |
| Target Compounds            |                 |       |        |         |          |         |            |
| 2)                          | A alpha-BHC     | 4.004 | 3.389  | 322.7E6 | 1808.2E6 | 53.759  | 53.277     |
| 3)                          | MA gamma-BHC... | 4.335 | 3.726  | 304.6E6 | 1665.1E6 | 53.186  | 53.420     |
| 4)                          | MA Heptachlor   | 4.933 | 4.078  | 288.1E6 | 1596.3E6 | 51.370  | 51.178     |
| 5)                          | MB Aldrin       | 5.275 | 4.364  | 288.6E6 | 1625.2E6 | 53.295  | 53.362     |
| 6)                          | B beta-BHC      | 4.522 | 4.022  | 116.1E6 | 693.1E6  | 51.760  | 51.994     |
| 7)                          | B delta-BHC     | 4.770 | 4.258  | 294.2E6 | 1681.0E6 | 56.813  | 53.281     |
| 8)                          | B Heptachlo...  | 5.695 | 4.868  | 253.6E6 | 1460.2E6 | 51.678  | 52.724     |
| 9)                          | A Endosulfan I  | 6.078 | 5.242  | 239.3E6 | 1258.4E6 | 51.852  | 47.989     |
| 10)                         | B gamma-Chl...  | 5.950 | 5.121  | 257.8E6 | 1576.5E6 | 52.712  | 53.240     |
| 11)                         | B alpha-Chl...  | 6.031 | 5.185  | 255.8E6 | 1506.9E6 | 51.966  | 52.804     |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.370  | 224.0E6 | 1525.3E6 | 51.037  | 52.919     |
| 13)                         | MA Dieldrin     | 6.351 | 5.508  | 255.9E6 | 1570.0E6 | 52.276  | 53.608     |
| 14)                         | MA Endrin       | 6.578 | 5.785  | 209.7E6 | 1454.5E6 | 50.618  | 54.615     |
| 15)                         | B Endosulfa...  | 6.791 | 6.076  | 217.3E6 | 1339.4E6 | 51.488  | 52.952     |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.925  | 191.9E6 | 1308.2E6 | 55.478  | 54.410     |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.179  | 178.2E6 | 1237.0E6 | 46.762  | 49.341     |
| 18)                         | B Endrin al...  | 6.920 | 6.254  | 154.0E6 | 968.6E6  | 53.729  | 56.250     |
| 19)                         | B Endosulfa...  | 7.154 | 6.478  | 197.4E6 | 1263.6E6 | 50.373  | 51.832     |
| 20)                         | A Methoxychlor  | 7.498 | 6.749  | 103.0E6 | 703.6E6  | 51.356  | 54.560     |
| 21)                         | B Endrin ke...  | 7.635 | 6.987  | 211.9E6 | 1427.6E6 | 51.139  | 53.581     |
| 22)                         | Mirex           | 8.118 | 7.181  | 150.4E6 | 1050.9E6 | 47.669  | 50.877     |
| 23)                         | Chlordane-1     | 0.000 | 3.898  | 0       | 621714   | N.D.    | 0.699 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.502f | 0       | 140.2E6  | N.D.    | 146.361 #  |
| 25)                         | Chlordane-3     | 5.950 | 5.121  | 257.8E6 | 1576.5E6 | 380.143 | 568.936 #  |
| 26)                         | Chlordane-4     | 6.031 | 5.185  | 255.8E6 | 1506.9E6 | 308.100 | 626.083 #  |
| 27)                         | Chlordane-5     | 0.000 | 6.076  | 0       | 1339.4E6 | N.D.    | 1217.674 # |
| -----                       |                 |       |        |         |          |         |            |

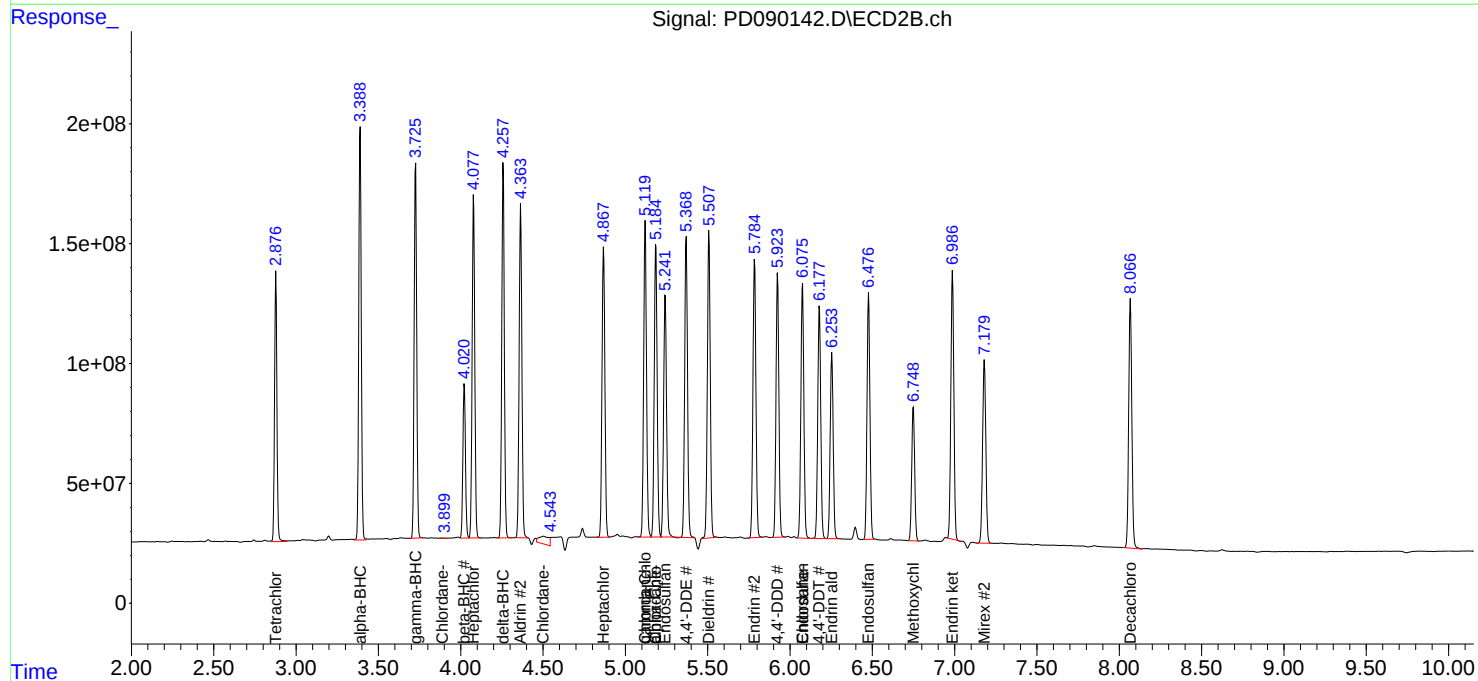
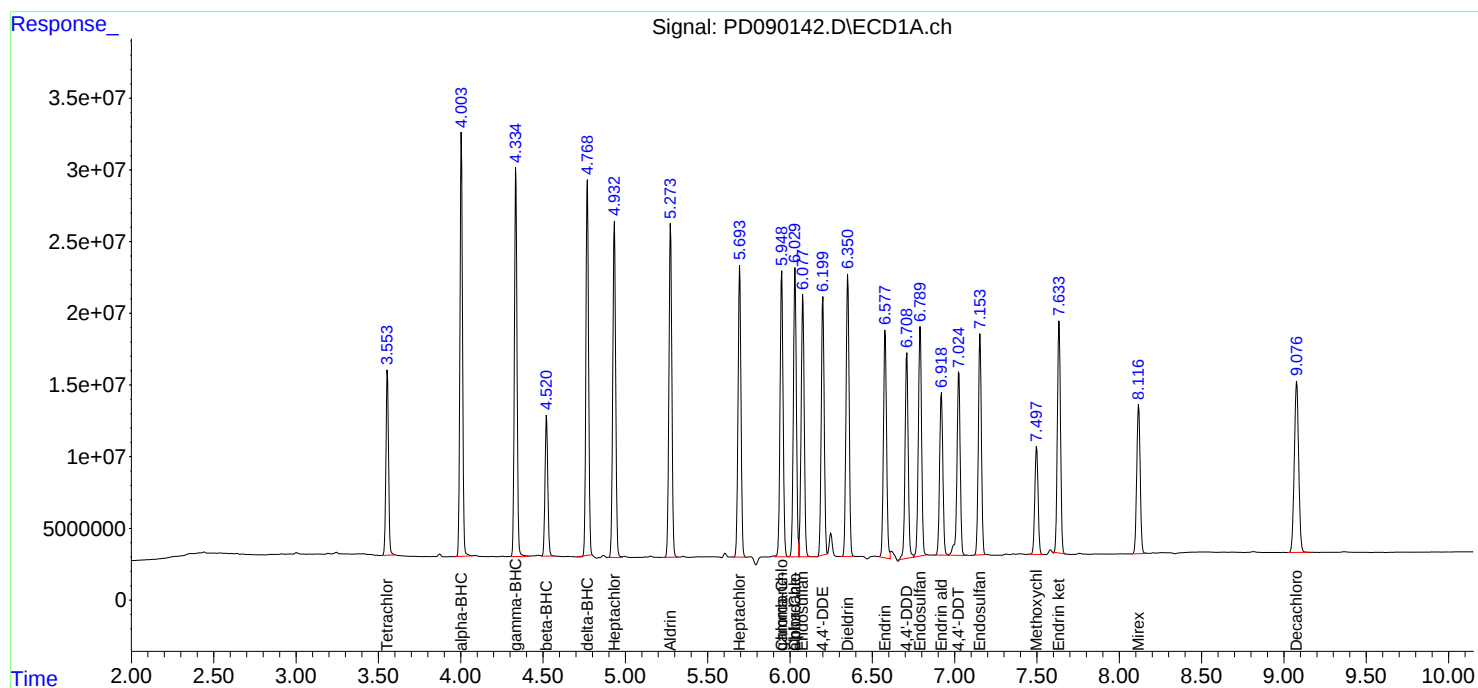
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

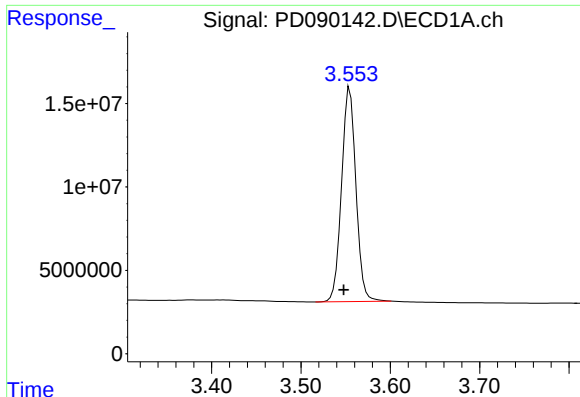
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090425\  
Data File : PD090142.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Sep 2025 09:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 05 02:01:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

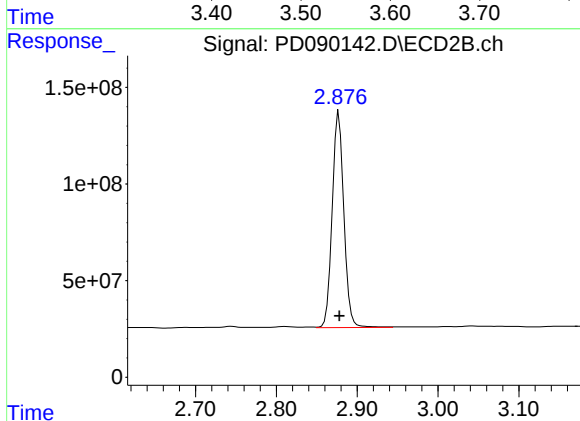




#1 Tetrachloro-m-xylene

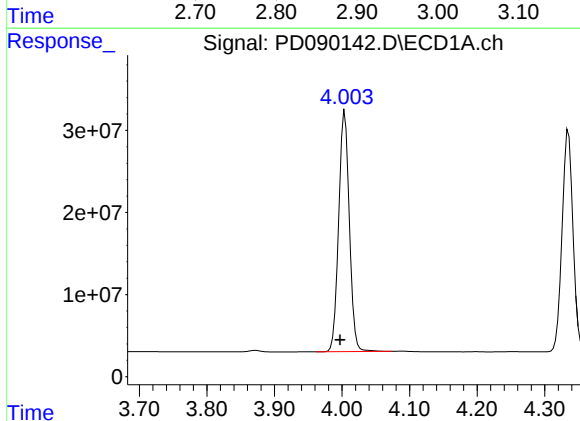
R.T.: 3.555 min  
Delta R.T.: 0.007 min  
Response: 143450257  
Conc: 48.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



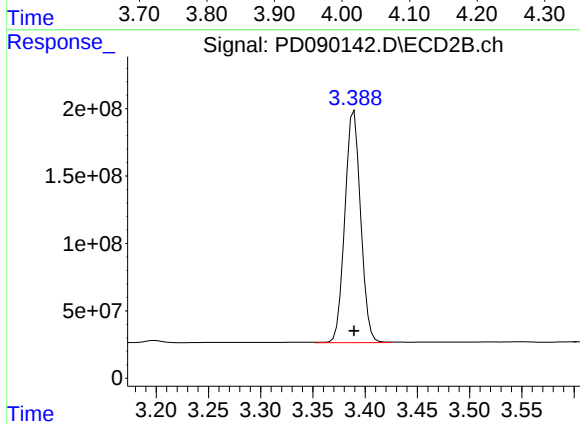
#1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 1121353608  
Conc: 50.85 ng/ml



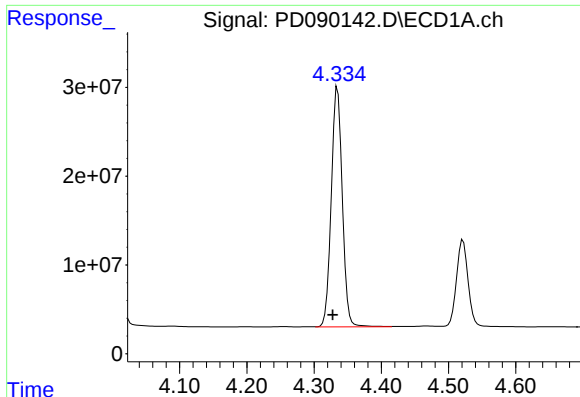
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.007 min  
Response: 322674344  
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.389 min  
Delta R.T.: 0.000 min  
Response: 1808154305  
Conc: 53.28 ng/ml



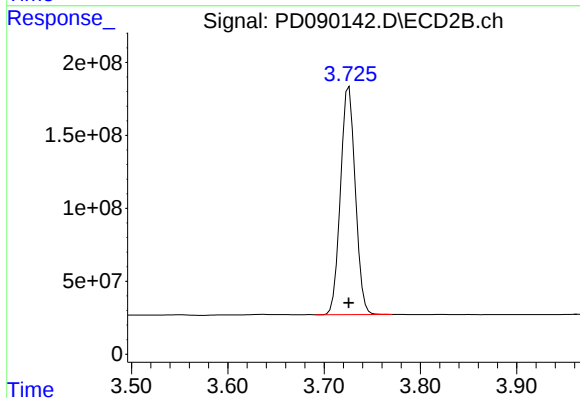
#3 gamma-BHC (Lindane)

R.T.: 4.335 min  
Delta R.T.: 0.007 min  
Response: 304585513  
Conc: 53.19 ng/ml

Instrument :

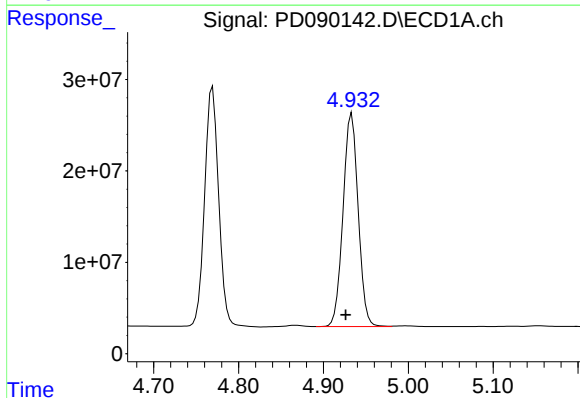
ECD\_D

ClientSampleId :



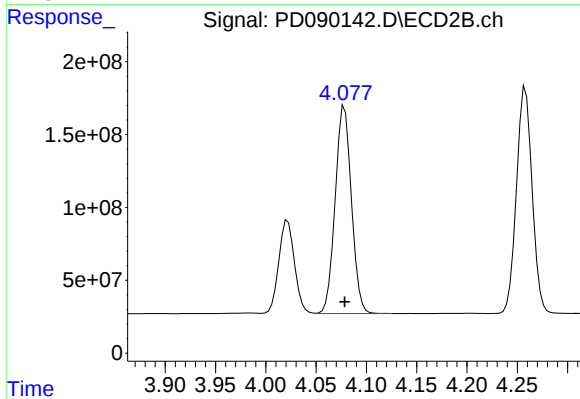
#3 gamma-BHC (Lindane)

R.T.: 3.726 min  
Delta R.T.: 0.000 min  
Response: 1665136376  
Conc: 53.42 ng/ml



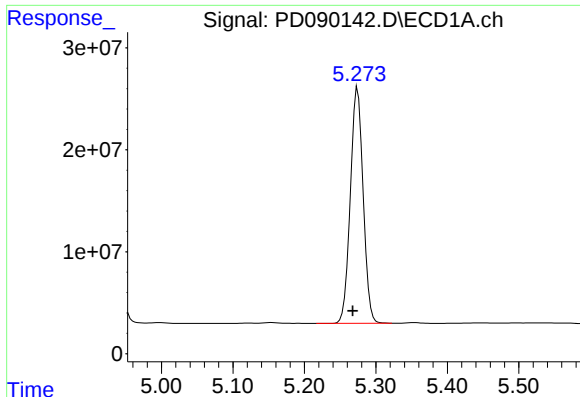
#4 Heptachlor

R.T.: 4.933 min  
Delta R.T.: 0.007 min  
Response: 288145095  
Conc: 51.37 ng/ml



#4 Heptachlor

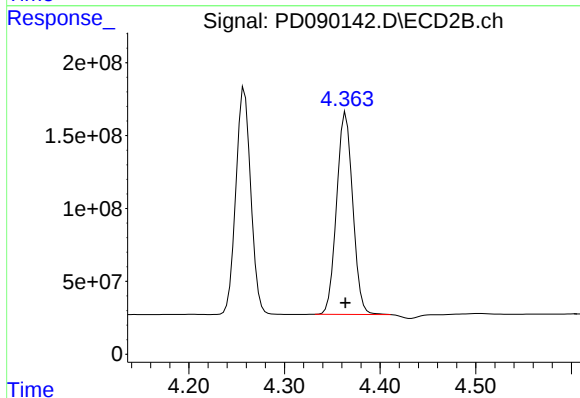
R.T.: 4.078 min  
Delta R.T.: 0.000 min  
Response: 1596320220  
Conc: 51.18 ng/ml



#5 Aldrin

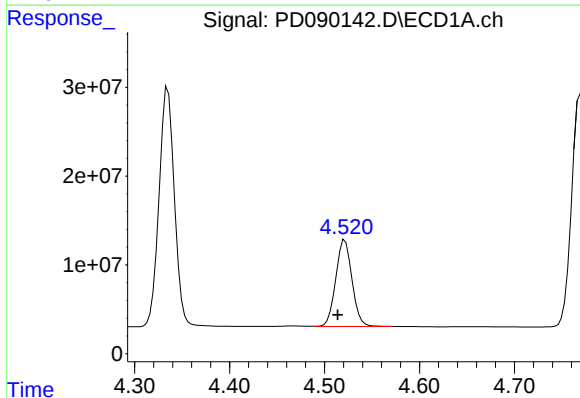
R.T.: 5.275 min  
Delta R.T.: 0.007 min  
Response: 288565656  
Conc: 53.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



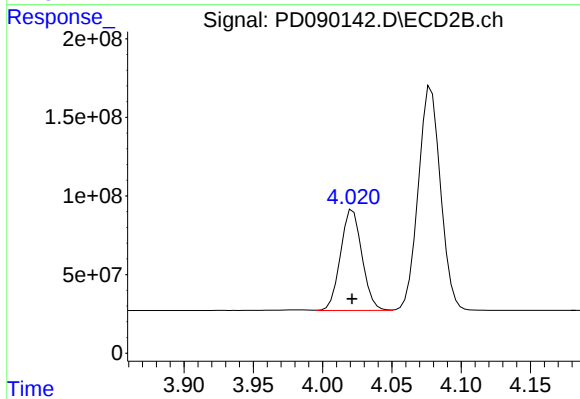
#5 Aldrin

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 1625183230  
Conc: 53.36 ng/ml



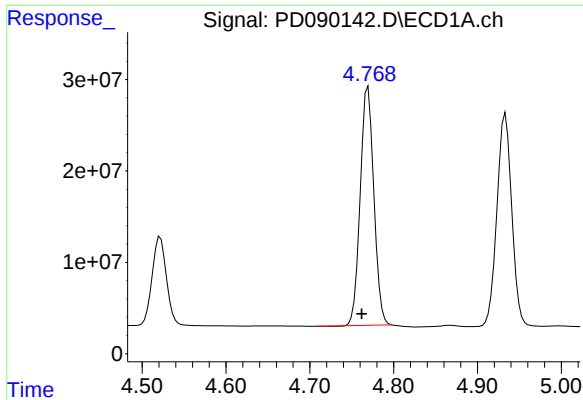
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.008 min  
Response: 116099220  
Conc: 51.76 ng/ml



#6 beta-BHC

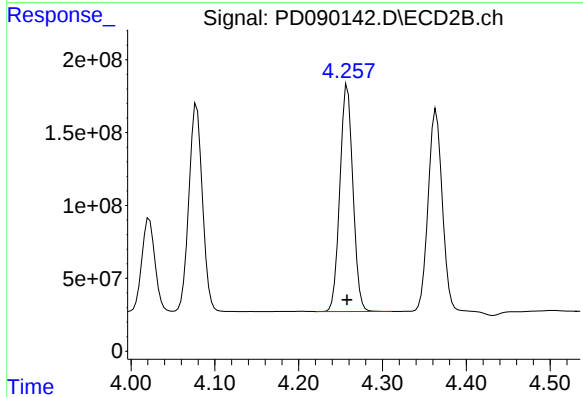
R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 693086880  
Conc: 51.99 ng/ml



#7 delta-BHC

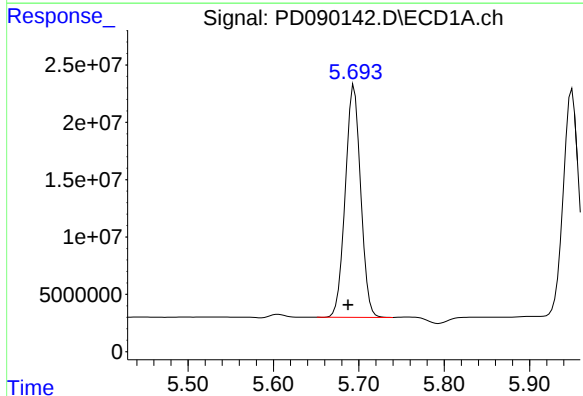
R.T.: 4.770 min  
Delta R.T.: 0.008 min  
Response: 294163305  
Conc: 56.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



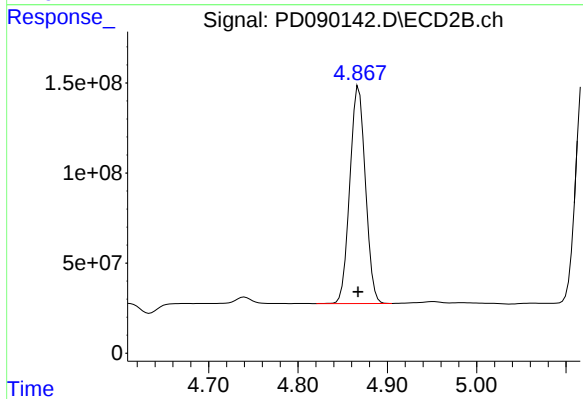
#7 delta-BHC

R.T.: 4.258 min  
Delta R.T.: 0.000 min  
Response: 1681005502  
Conc: 53.28 ng/ml



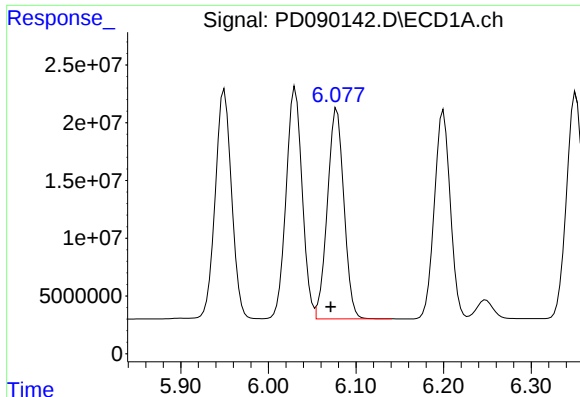
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.007 min  
Response: 253571805  
Conc: 51.68 ng/ml



#8 Heptachlor epoxide

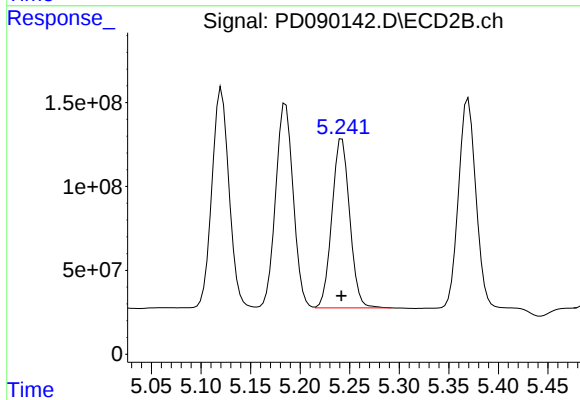
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 1460192601  
Conc: 52.72 ng/ml



#9 Endosulfan I

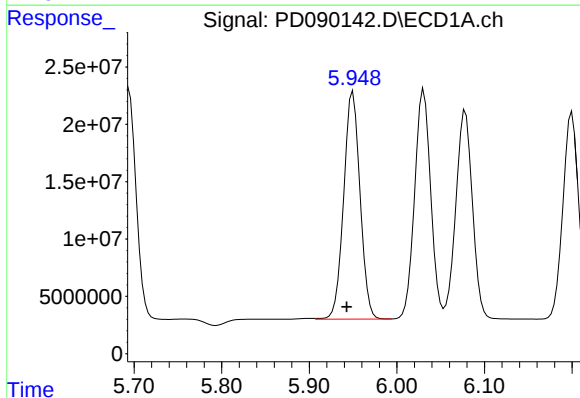
R.T.: 6.078 min  
Delta R.T.: 0.007 min  
Response: 239290644  
Conc: 51.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



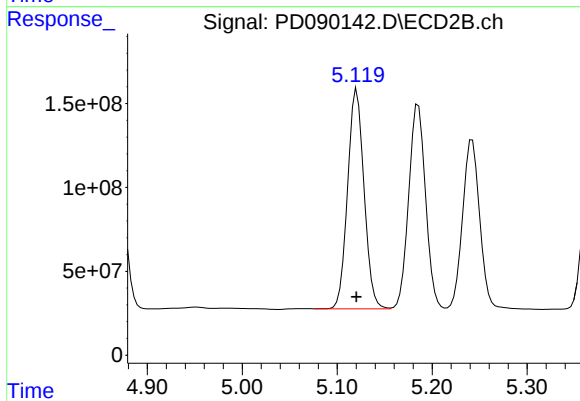
#9 Endosulfan I

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 1258357464  
Conc: 47.99 ng/ml



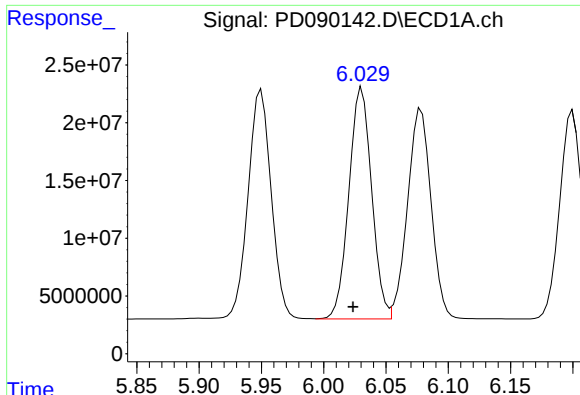
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.007 min  
Response: 257814110  
Conc: 52.71 ng/ml



#10 gamma-Chlordane

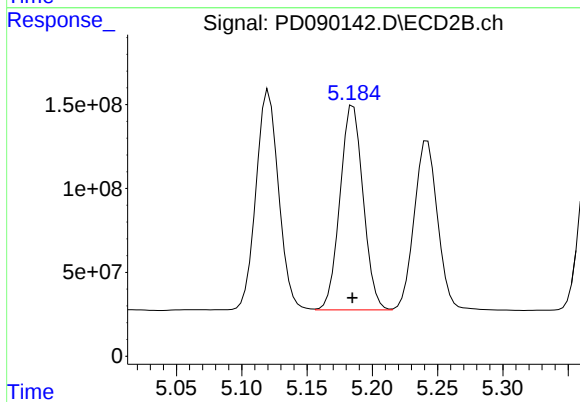
R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 1576500912  
Conc: 53.24 ng/ml



#11 alpha-Chlordane

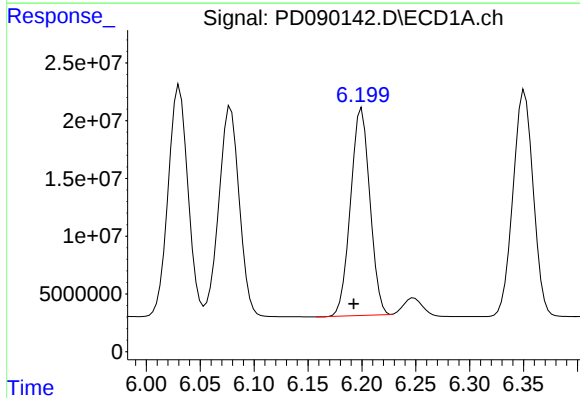
R.T.: 6.031 min  
Delta R.T.: 0.007 min  
Response: 255799072  
Conc: 51.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



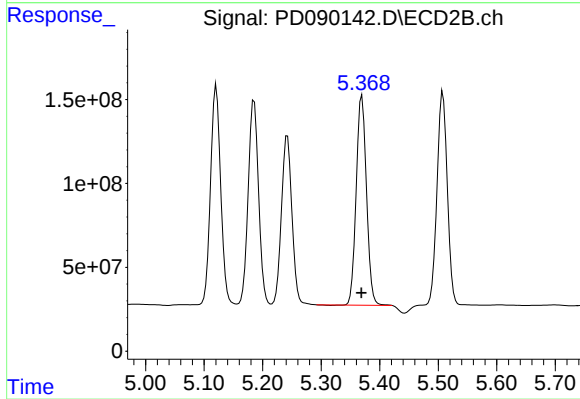
#11 alpha-Chlordane

R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 1506933716  
Conc: 52.80 ng/ml



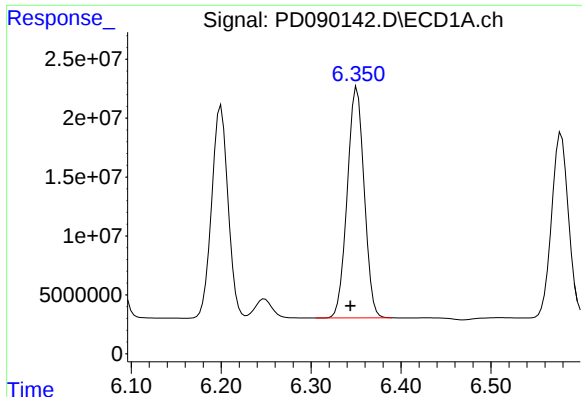
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.007 min  
Response: 223966686  
Conc: 51.04 ng/ml



#12 4,4'-DDE

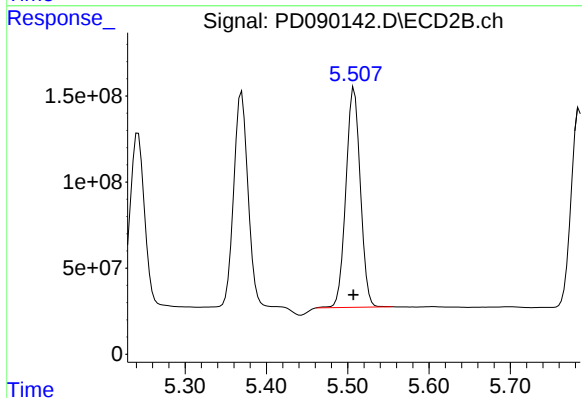
R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 1525280792  
Conc: 52.92 ng/ml



#13 Dieldrin

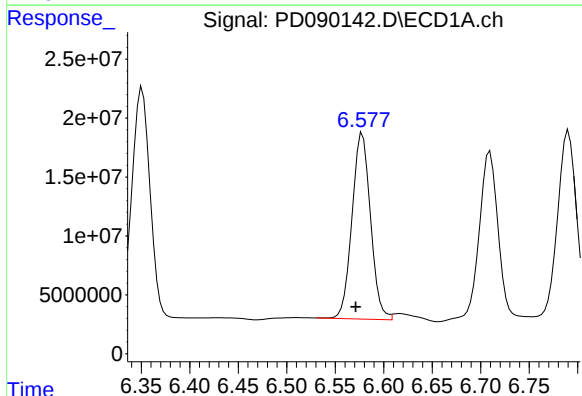
R.T.: 6.351 min  
Delta R.T.: 0.007 min  
Response: 255930212  
Conc: 52.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



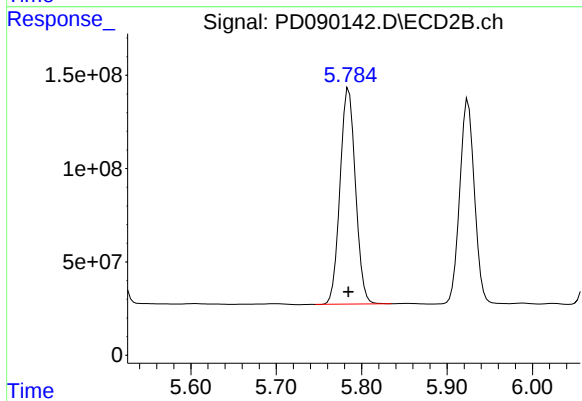
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 1570035828  
Conc: 53.61 ng/ml



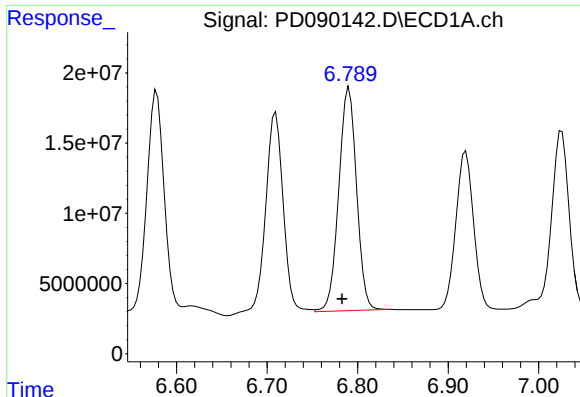
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.007 min  
Response: 209740429  
Conc: 50.62 ng/ml



#14 Endrin

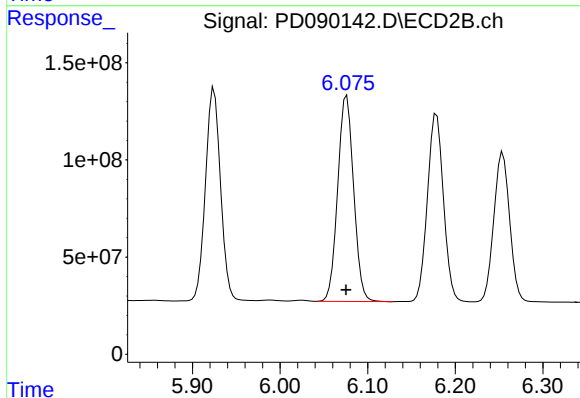
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 1454515551  
Conc: 54.61 ng/ml



#15 Endosulfan II

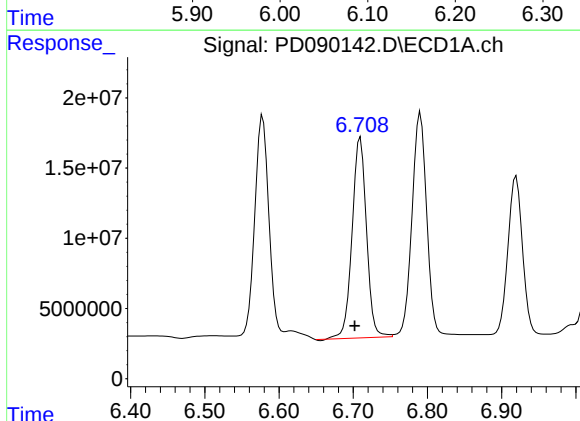
R.T.: 6.791 min  
Delta R.T.: 0.008 min  
Response: 217266032  
Conc: 51.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



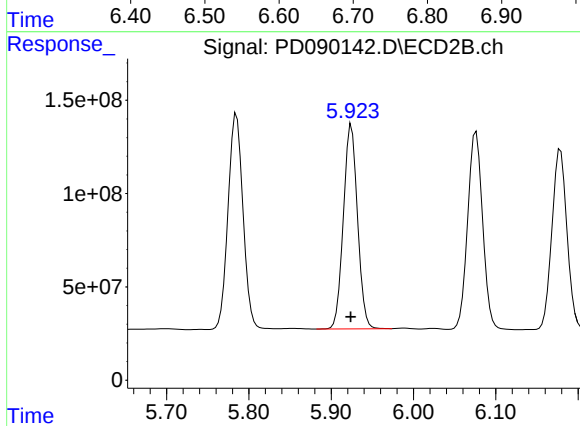
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 1339403333  
Conc: 52.95 ng/ml



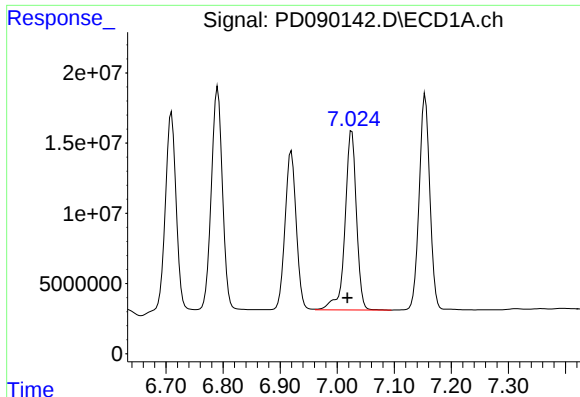
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.008 min  
Response: 191903044  
Conc: 55.48 ng/ml



#16 4,4'-DDD

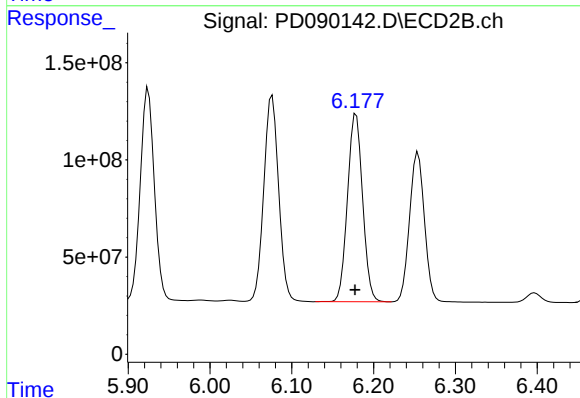
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 1308213891  
Conc: 54.41 ng/ml



#17 4,4'-DDT

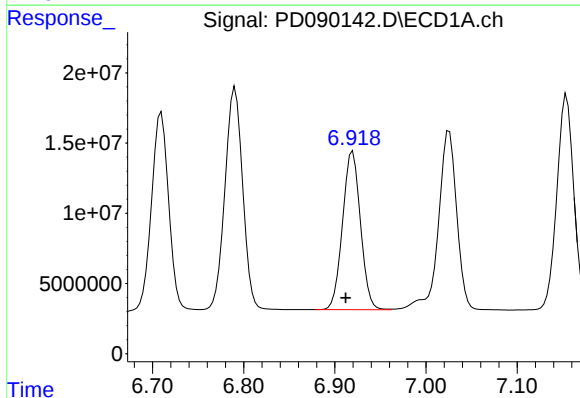
R.T.: 7.025 min  
Delta R.T.: 0.008 min  
Response: 178151645  
Conc: 46.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



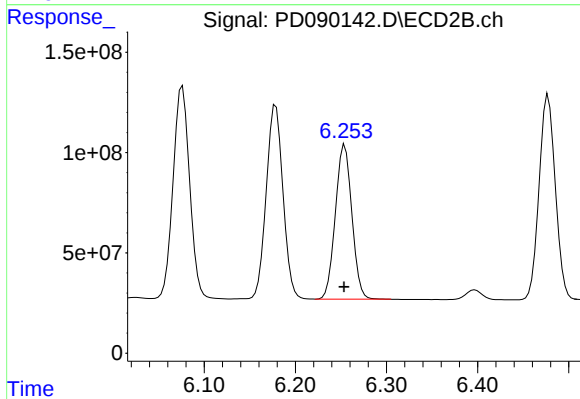
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.001 min  
Response: 1236967930  
Conc: 49.34 ng/ml



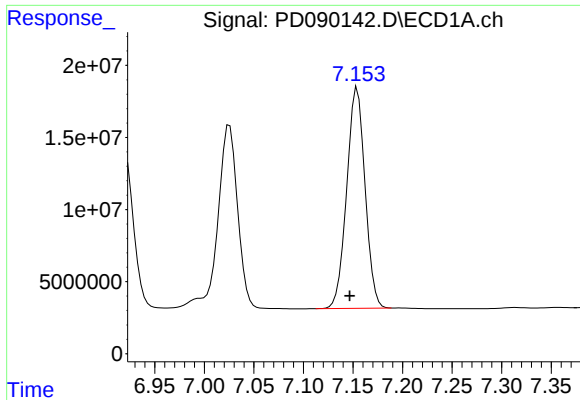
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: 0.008 min  
Response: 154049448  
Conc: 53.73 ng/ml



#18 Endrin aldehyde

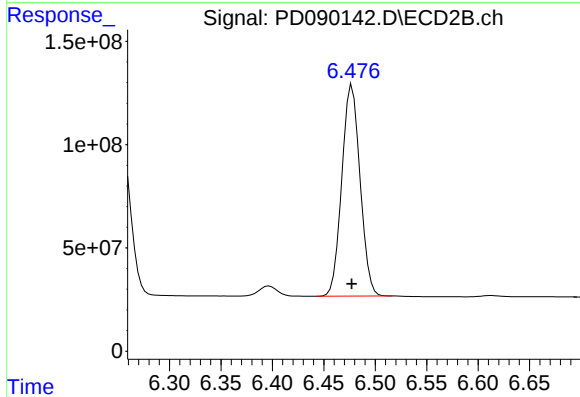
R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 968621400  
Conc: 56.25 ng/ml



#19 Endosulfan Sulfate

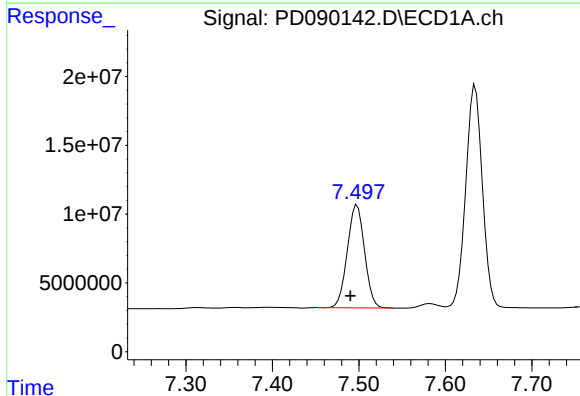
R.T.: 7.154 min  
Delta R.T.: 0.008 min  
Response: 197388052  
Conc: 50.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



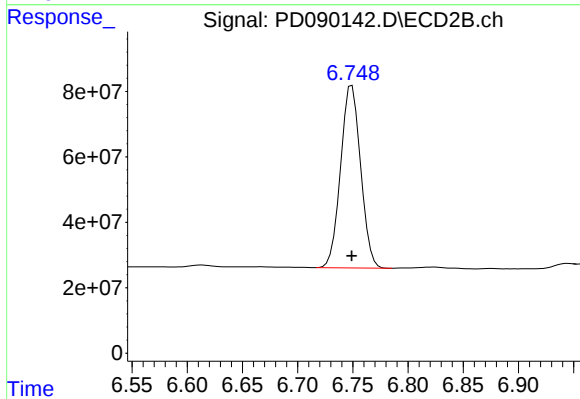
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 1263641851  
Conc: 51.83 ng/ml



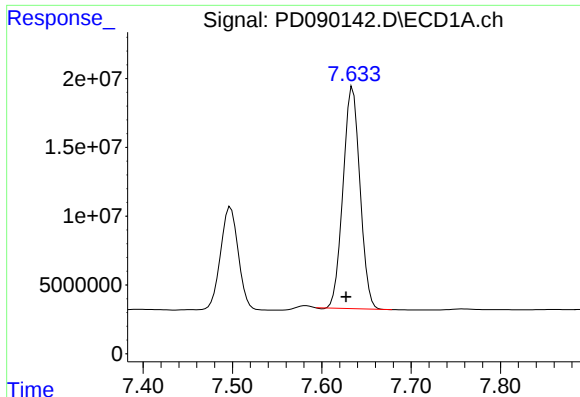
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: 0.008 min  
Response: 103001421  
Conc: 51.36 ng/ml



#20 Methoxychlor

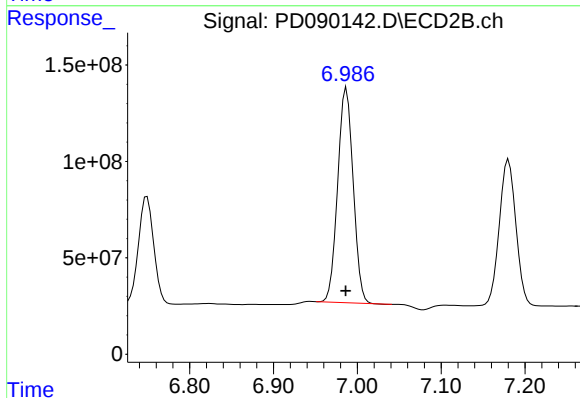
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 703592641  
Conc: 54.56 ng/ml



#21 Endrin ketone

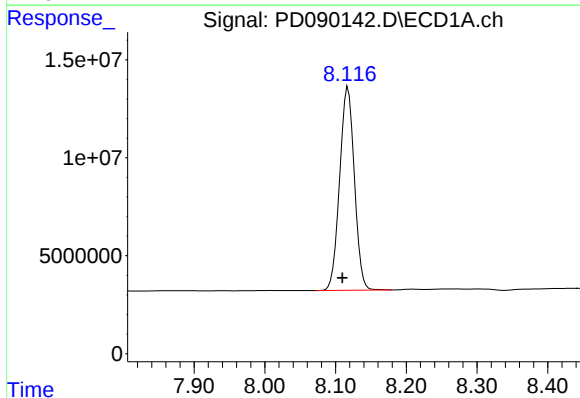
R.T.: 7.635 min  
Delta R.T.: 0.007 min  
Response: 211948307  
Conc: 51.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



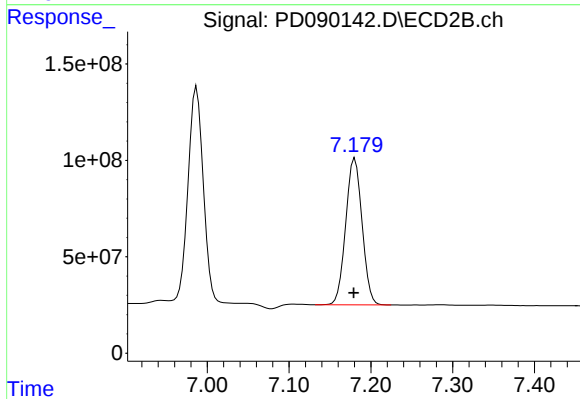
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: 0.000 min  
Response: 1427634560  
Conc: 53.58 ng/ml



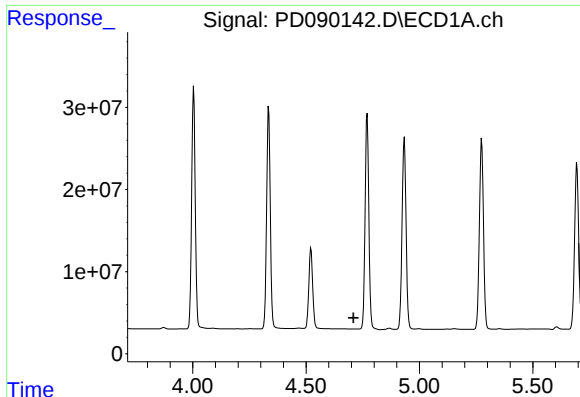
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.008 min  
Response: 150371997  
Conc: 47.67 ng/ml



#22 Mirex

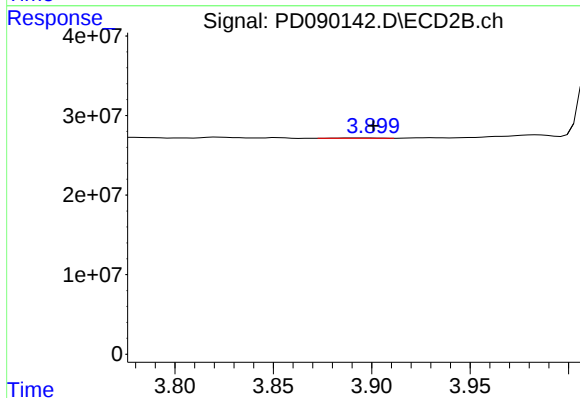
R.T.: 7.181 min  
Delta R.T.: 0.001 min  
Response: 1050907174  
Conc: 50.88 ng/ml



#23 Chlordane-1

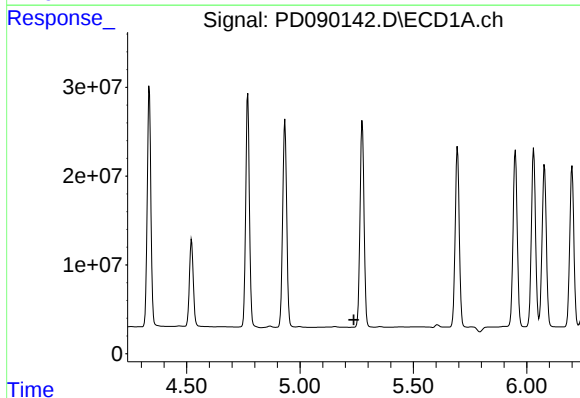
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



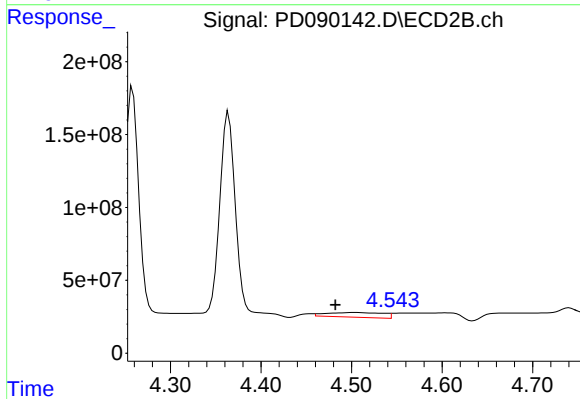
#23 Chlordane-1

R.T.: 3.898 min  
Delta R.T.: -0.003 min  
Response: 621714  
Conc: 0.70 ng/ml



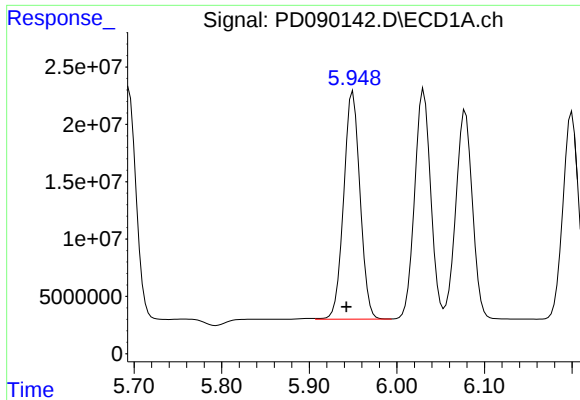
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.238 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

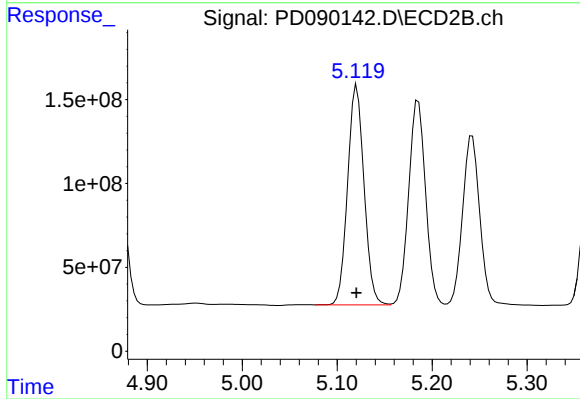
R.T.: 4.502 min  
Delta R.T.: 0.020 min  
Response: 140206872  
Conc: 146.36 ng/ml



#25 Chlordane-3

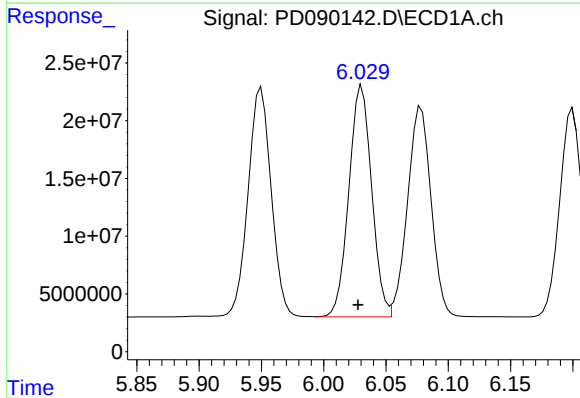
R.T.: 5.950 min  
Delta R.T.: 0.008 min  
Response: 257814110  
Conc: 380.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



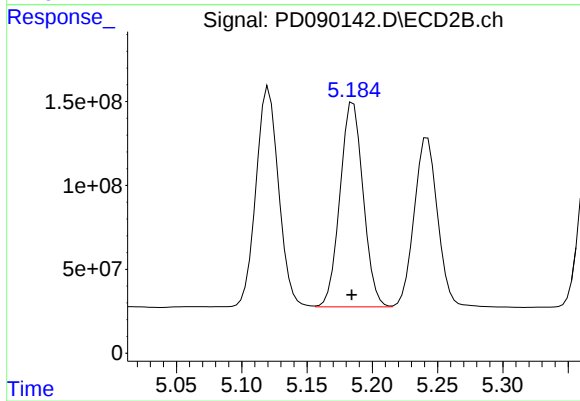
#25 Chlordane-3

R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 1576500912  
Conc: 568.94 ng/ml



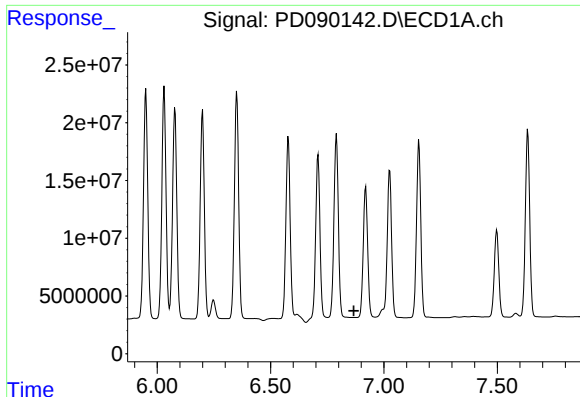
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: 0.003 min  
Response: 255799072  
Conc: 308.10 ng/ml



#26 Chlordane-4

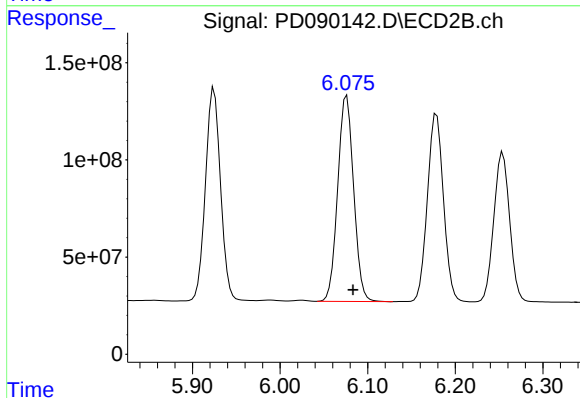
R.T.: 5.185 min  
Delta R.T.: 0.001 min  
Response: 1506933716  
Conc: 626.08 ng/ml



#27 Chlordane-5

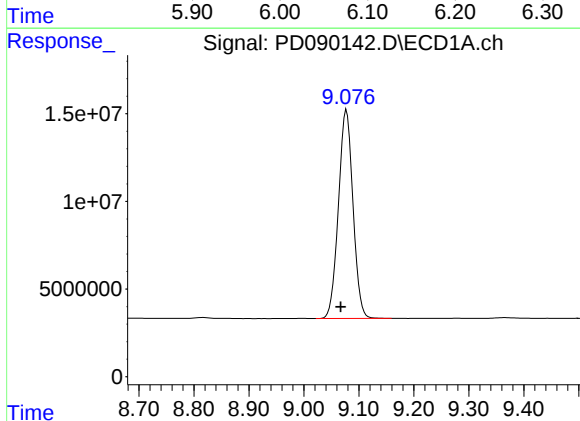
R.T.: 0.000 min  
Exp R.T.: 6.867 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



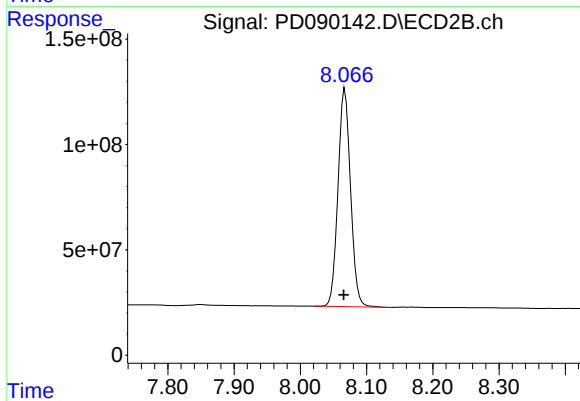
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.007 min  
Response: 1339403333  
Conc: 1217.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.010 min  
Response: 219096766  
Conc: 50.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min  
Delta R.T.: 0.002 min  
Response: 1364294442  
Conc: 52.70 ng/ml