

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101118\  
 Data File : PD049842.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Oct 2018 20:33  
 Operator : AJ\SJ  
 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: Oct 12 07:31:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 12:26:45 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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... | 3.287 | 4.035 | 73752798 | 1213.6E6 | 50.988   | 51.708     |
| 28)                         | SA Decachlor... | 7.887 | 9.132 | 73364413 | 939.1E6  | 49.048   | 48.046     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.710 | 4.427 | 120.0E6  | 1889.7E6 | 52.962   | 52.657     |
| 3)                          | MA gamma-BHC... | 3.980 | 4.713 | 109.9E6  | 1697.1E6 | 50.534   | 51.540     |
| 4)                          | MA Heptachlor   | 4.257 | 5.225 | 112.4E6  | 1621.3E6 | 51.371   | 51.334     |
| 5)                          | MB Aldrin       | 4.489 | 5.533 | 107.6E6  | 1534.5E6 | 51.923   | 51.186     |
| 6)                          | B beta-BHC      | 4.226 | 4.882 | 44345135 | 699.1E6  | 51.194   | 51.835     |
| 7)                          | B delta-BHC     | 4.415 | 5.101 | 106.6E6  | 1696.8E6 | 53.131   | 51.573     |
| 8)                          | B Heptachlo...  | 4.916 | 5.920 | 99178983 | 1367.5E6 | 51.248   | 50.298     |
| 9)                          | A Endosulfan I  | 5.237 | 6.278 | 92311128 | 1233.1E6 | 51.277   | 49.544     |
| 10)                         | B gamma-Chl...  | 5.133 | 6.154 | 102.8E6  | 1384.2E6 | 51.510   | 49.861     |
| 11)                         | B alpha-Chl...  | 5.189 | 6.228 | 100.8E6  | 1308.4E6 | 51.238   | 49.559     |
| 12)                         | B 4,4'-DDE      | 5.360 | 6.382 | 91318118 | 1308.3E6 | 52.600   | 50.041     |
| 13)                         | MA Dieldrin     | 5.472 | 6.535 | 101.0E6  | 1327.1E6 | 51.741   | 49.892     |
| 14)                         | MA Endrin       | 5.718 | 6.754 | 83104732 | 947.1E6  | 53.119   | 52.064     |
| 15)                         | B Endosulfa...  | 5.987 | 6.962 | 87129636 | 1107.6E6 | 50.657   | 49.495     |
| 16)                         | A 4,4'-DDD      | 5.859 | 6.872 | 76049510 | 1061.0E6 | 52.764   | 50.845     |
| 17)                         | MA 4,4'-DDT     | 6.090 | 7.173 | 69995389 | 853.3E6  | 48.589   | 47.107     |
| 18)                         | B Endrin al...  | 6.155 | 7.087 | 68321699 | 911.0E6  | 49.332   | 48.476     |
| 19)                         | B Endosulfa...  | 6.363 | 7.310 | 77322460 | 1049.8E6 | 50.040   | 48.657     |
| 20)                         | A Methoxychlor  | 6.637 | 7.630 | 38896291 | 403.8E6  | 48.413   | 48.890     |
| 21)                         | B Endrin ke...  | 6.836 | 7.783 | 96155685 | 987.2E6  | 50.653   | 48.175     |
| 23)                         | Chlordane-1     | 4.143 | 5.101 | 490661   | 1696.8E6 | 7.645    | 1501.603 # |
| 24)                         | Chlordane-2     | 0.000 | 5.533 | 0        | 1534.5E6 | N.D.     | 1599.436 # |
| 25)                         | Chlordane-3     | 5.133 | 6.154 | 102.8E6  | 1384.2E6 | 482.157  | 386.855    |
| 26)                         | Chlordane-4     | 5.189 | 6.228 | 100.8E6  | 1308.4E6 | 484.029  | 323.360 #  |
| 27)                         | Chlordane-5     | 5.987 | 7.087 | 87129636 | 911.0E6  | 1372.305 | 1124.476   |
| -----                       |                 |       |       |          |          |          |            |

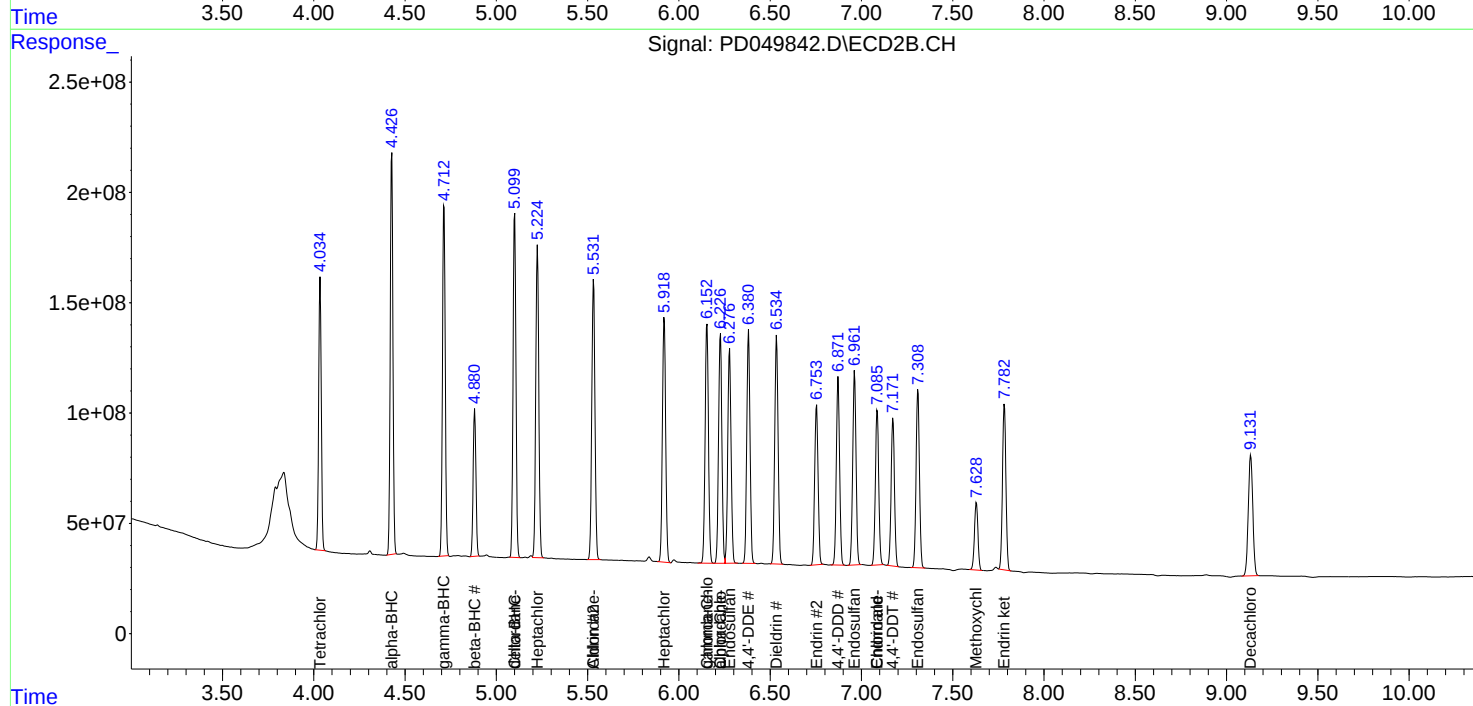
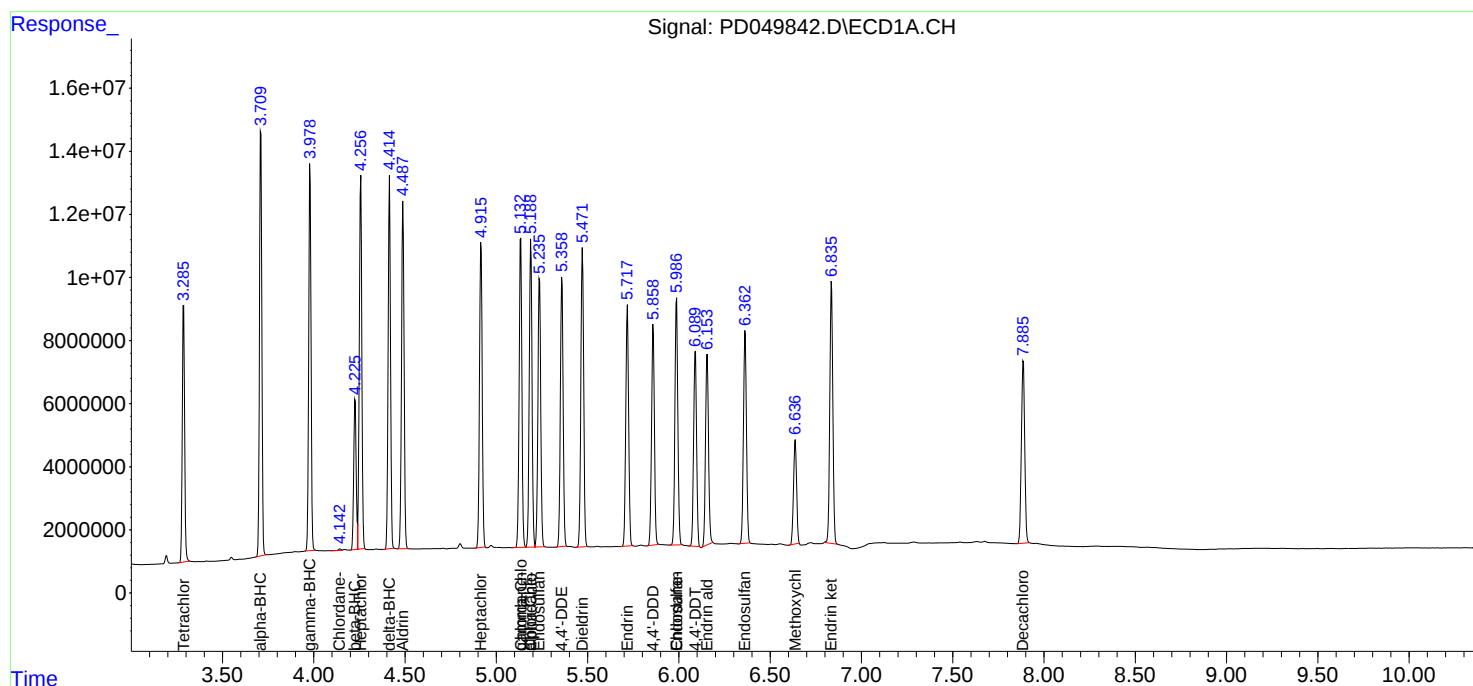
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

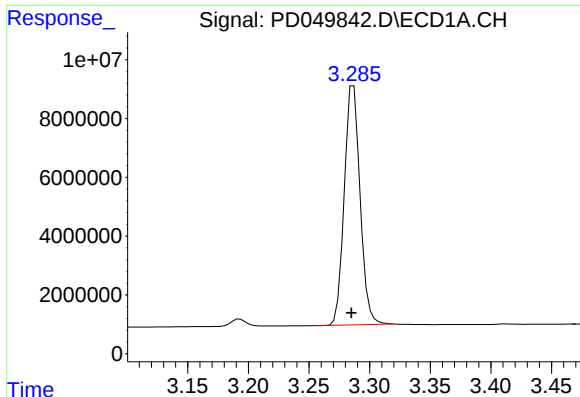
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101118\  
Data File : PD049842.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Oct 2018 20:33  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 07:31:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 12:26:45 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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

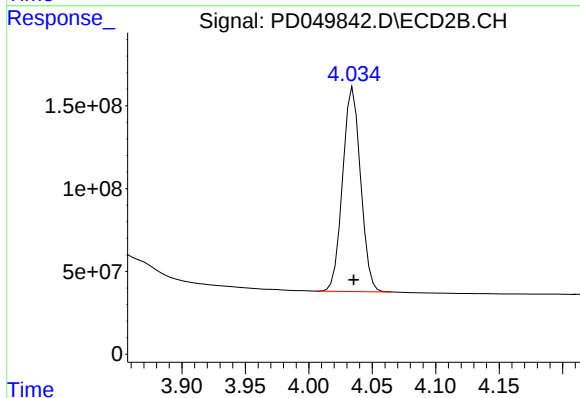




#1 Tetrachloro-m-xylene

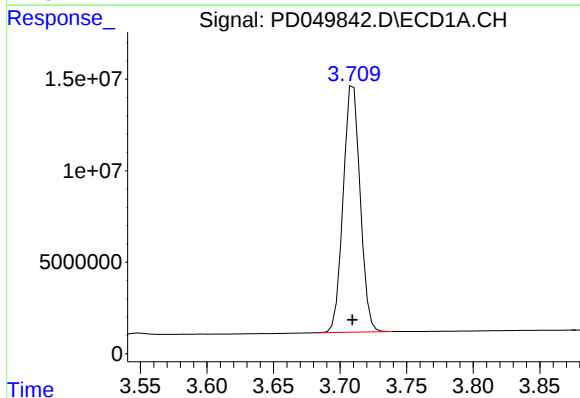
R.T.: 3.287 min  
Delta R.T.: 0.002 min  
Response: 73752798  
Conc: 50.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



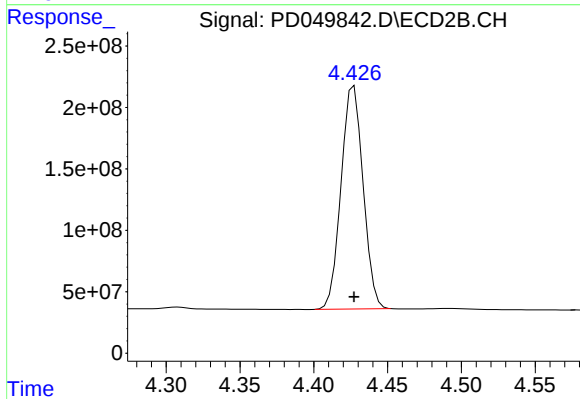
#1 Tetrachloro-m-xylene

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 1213598562  
Conc: 51.71 ng/ml



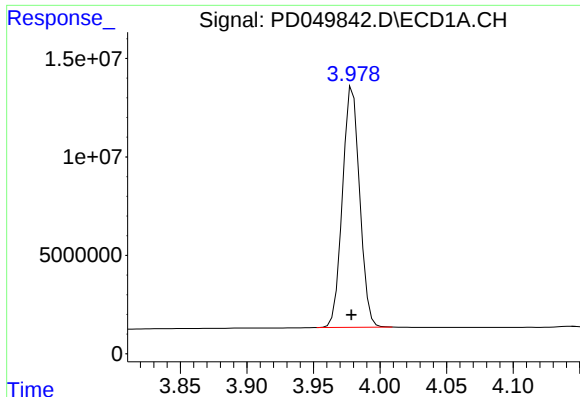
#2 alpha-BHC

R.T.: 3.710 min  
Delta R.T.: 0.000 min  
Response: 120028166  
Conc: 52.96 ng/ml



#2 alpha-BHC

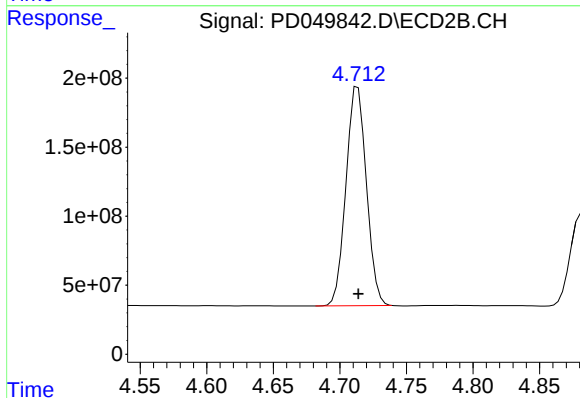
R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 1889677067  
Conc: 52.66 ng/ml



#3 gamma-BHC (Lindane)

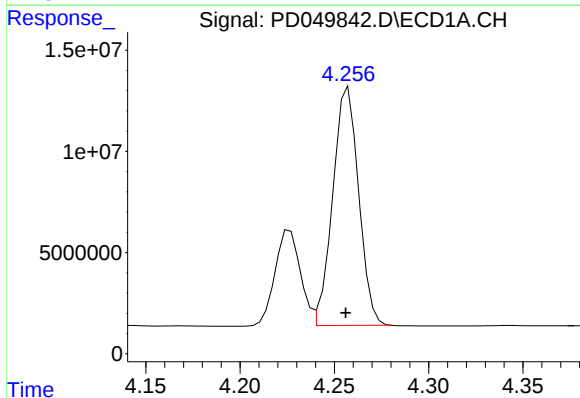
R.T.: 3.980 min  
Delta R.T.: 0.000 min  
Response: 109907463  
Conc: 50.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



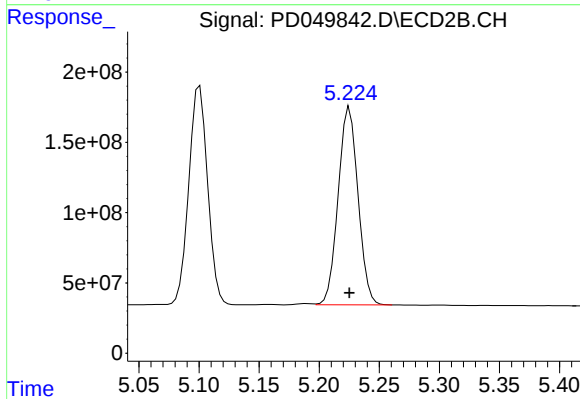
#3 gamma-BHC (Lindane)

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 1697054555  
Conc: 51.54 ng/ml



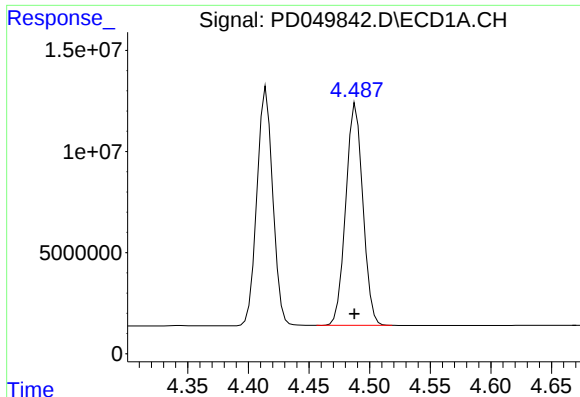
#4 Heptachlor

R.T.: 4.257 min  
Delta R.T.: 0.001 min  
Response: 112390542  
Conc: 51.37 ng/ml



#4 Heptachlor

R.T.: 5.225 min  
Delta R.T.: 0.000 min  
Response: 1621287265  
Conc: 51.33 ng/ml



#5 Aldrin

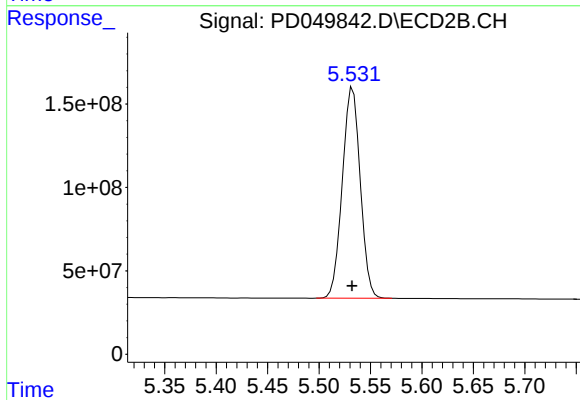
R.T.: 4.489 min

Delta R.T.: 0.001 min

Response: 107557640

Conc: 51.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



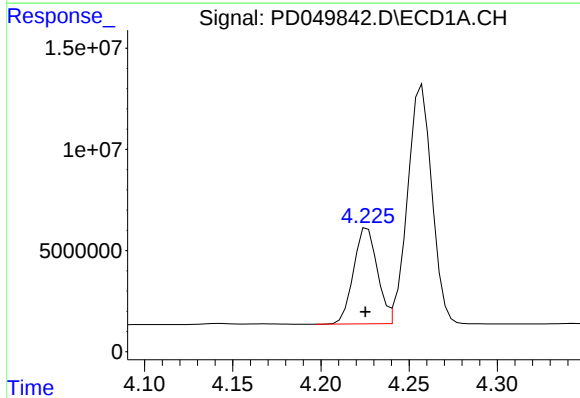
#5 Aldrin

R.T.: 5.533 min

Delta R.T.: 0.000 min

Response: 1534455829

Conc: 51.19 ng/ml



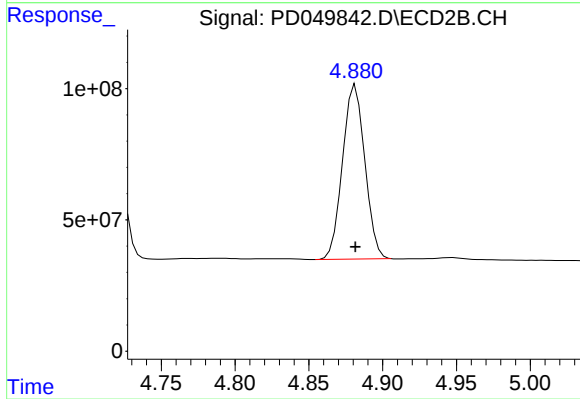
#6 beta-BHC

R.T.: 4.226 min

Delta R.T.: 0.001 min

Response: 44345135

Conc: 51.19 ng/ml



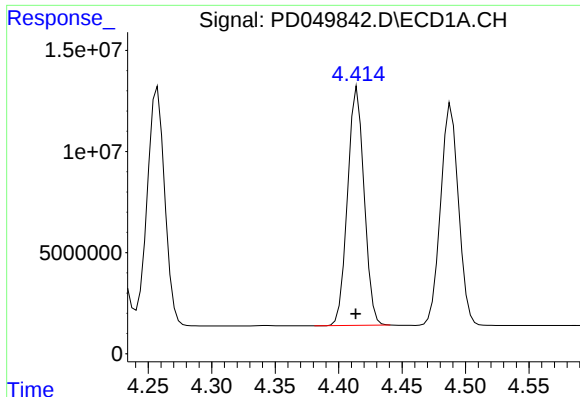
#6 beta-BHC

R.T.: 4.882 min

Delta R.T.: 0.000 min

Response: 699083122

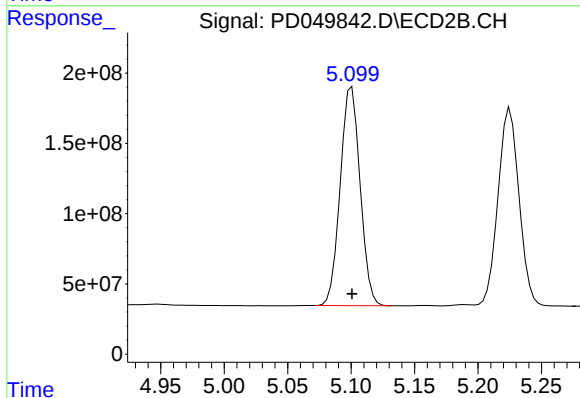
Conc: 51.84 ng/ml



#7 delta-BHC

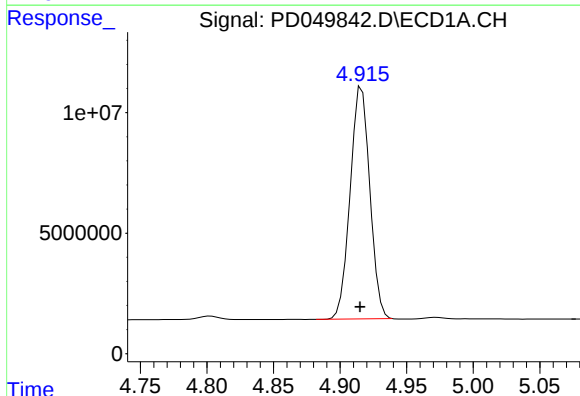
R.T.: 4.415 min  
Delta R.T.: 0.001 min  
Response: 106618846  
Conc: 53.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



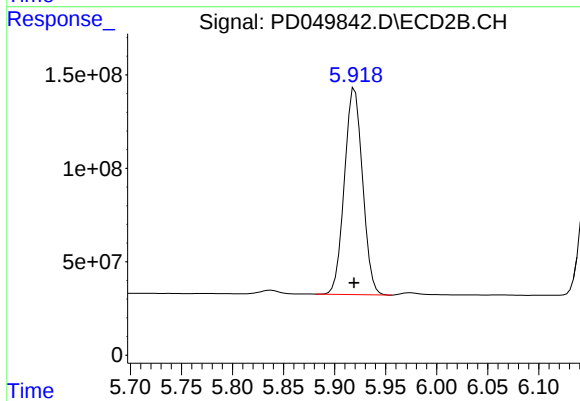
#7 delta-BHC

R.T.: 5.101 min  
Delta R.T.: 0.000 min  
Response: 1696759638  
Conc: 51.57 ng/ml



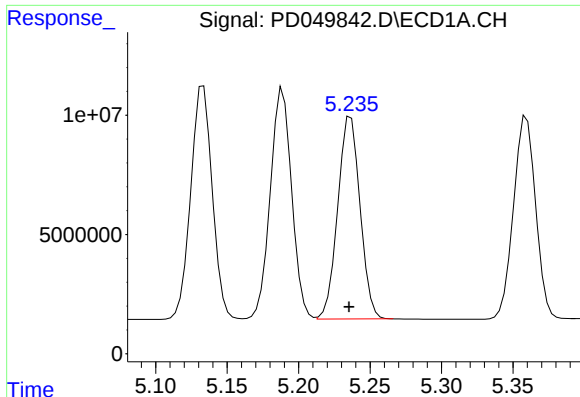
#8 Heptachlor epoxide

R.T.: 4.916 min  
Delta R.T.: 0.001 min  
Response: 99178983  
Conc: 51.25 ng/ml



#8 Heptachlor epoxide

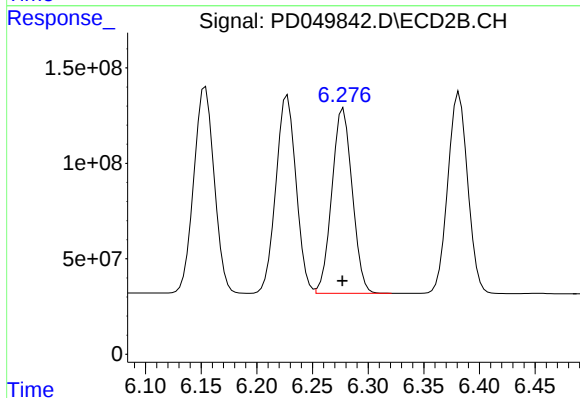
R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 1367463649  
Conc: 50.30 ng/ml



#9 Endosulfan I

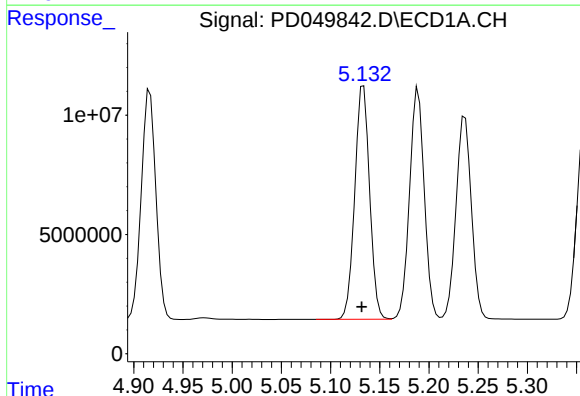
R.T.: 5.237 min  
Delta R.T.: 0.001 min  
Response: 92311128  
Conc: 51.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



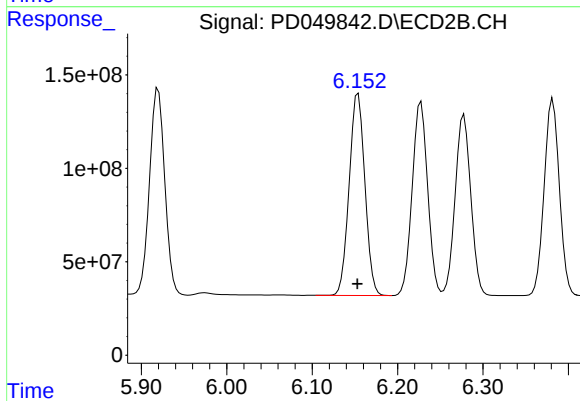
#9 Endosulfan I

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 1233104101  
Conc: 49.54 ng/ml



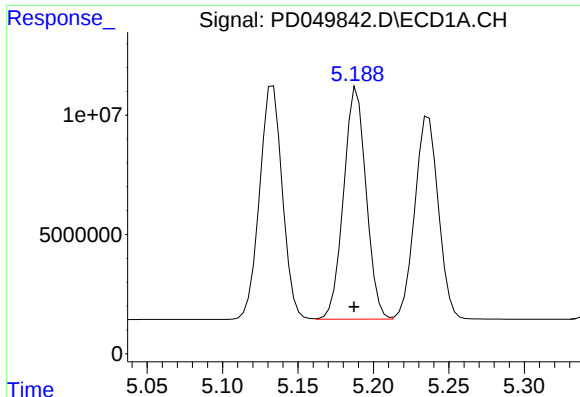
#10 gamma-Chlordane

R.T.: 5.133 min  
Delta R.T.: 0.002 min  
Response: 102797296  
Conc: 51.51 ng/ml



#10 gamma-Chlordane

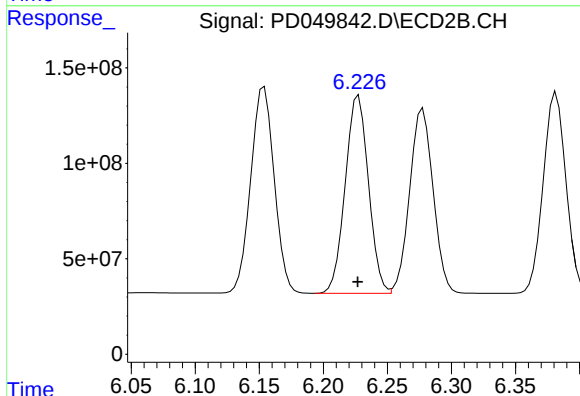
R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 1384228619  
Conc: 49.86 ng/ml



#11 alpha-Chlordane

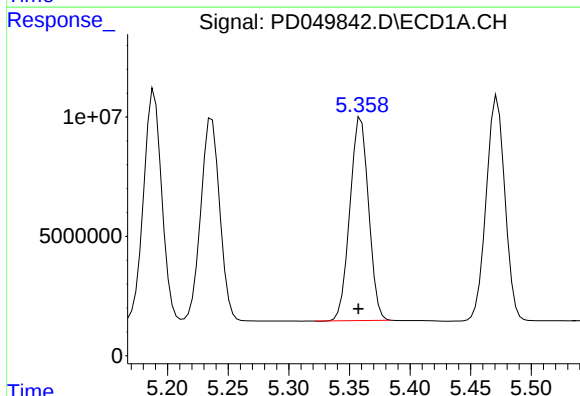
R.T.: 5.189 min  
Delta R.T.: 0.002 min  
Response: 100806488  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



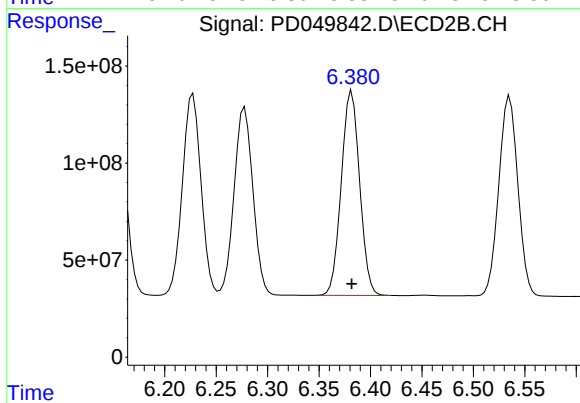
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 1308437657  
Conc: 49.56 ng/ml



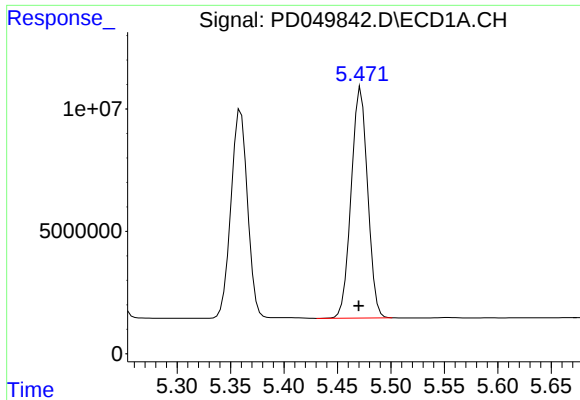
#12 4,4'-DDE

R.T.: 5.360 min  
Delta R.T.: 0.002 min  
Response: 91318118  
Conc: 52.60 ng/ml



#12 4,4'-DDE

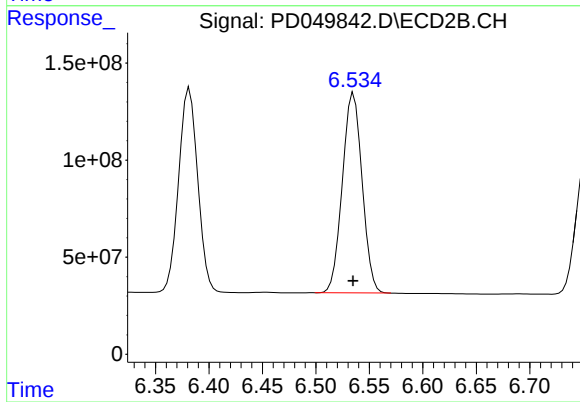
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 1308296801  
Conc: 50.04 ng/ml



#13 Dieldrin

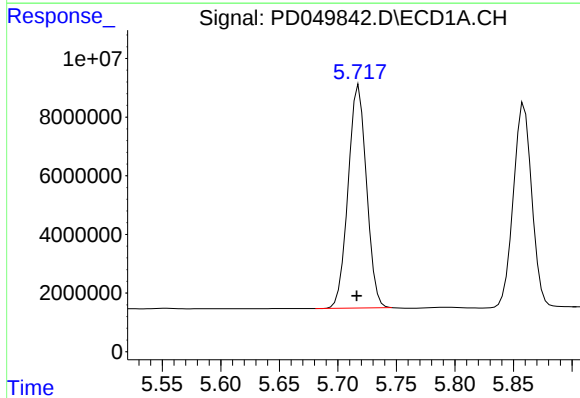
R.T.: 5.472 min  
Delta R.T.: 0.002 min  
Response: 101045873  
Conc: 51.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



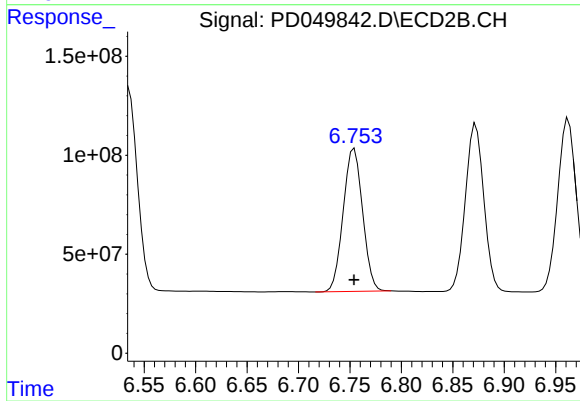
#13 Dieldrin

R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 1327056551  
Conc: 49.89 ng/ml



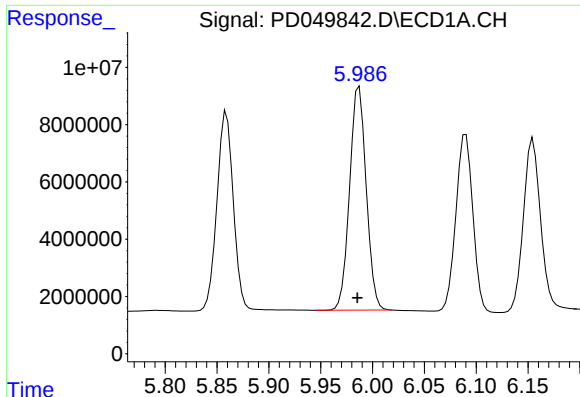
#14 Endrin

R.T.: 5.718 min  
Delta R.T.: 0.002 min  
Response: 83104732  
Conc: 53.12 ng/ml



#14 Endrin

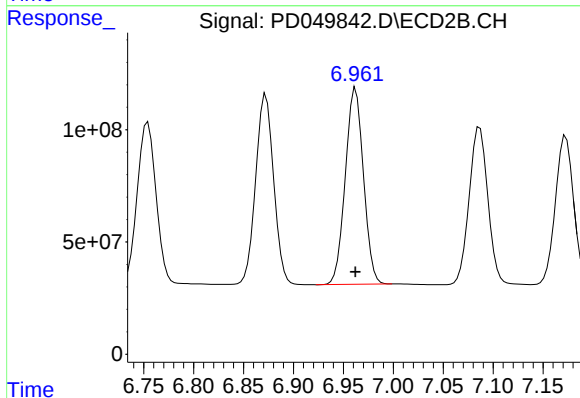
R.T.: 6.754 min  
Delta R.T.: 0.000 min  
Response: 947124563  
Conc: 52.06 ng/ml



#15 Endosulfan II

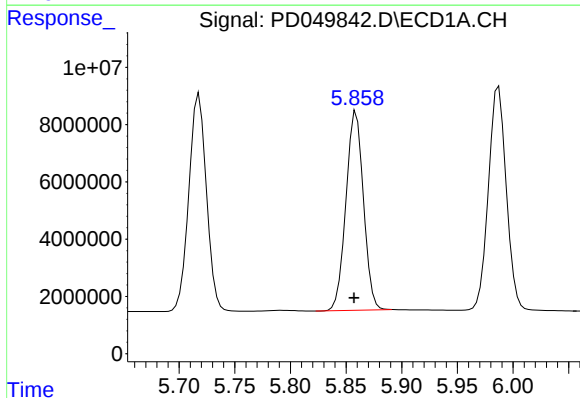
R.T.: 5.987 min  
Delta R.T.: 0.002 min  
Response: 87129636  
Conc: 50.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



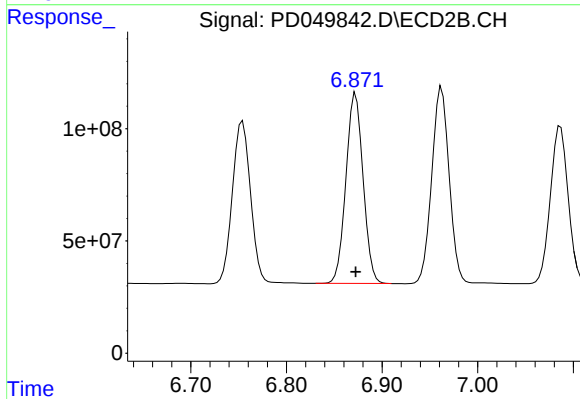
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 1107585788  
Conc: 49.49 ng/ml



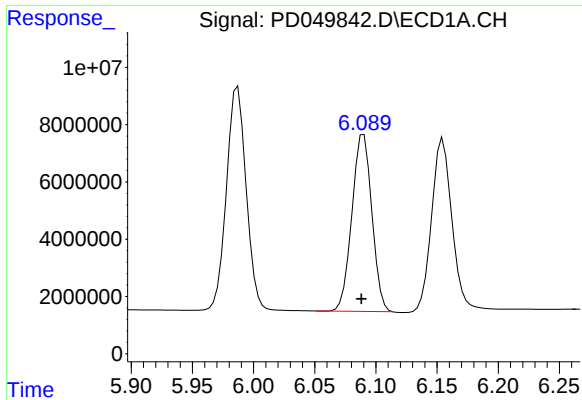
#16 4,4'-DDD

R.T.: 5.859 min  
Delta R.T.: 0.002 min  
Response: 76049510  
Conc: 52.76 ng/ml



#16 4,4'-DDD

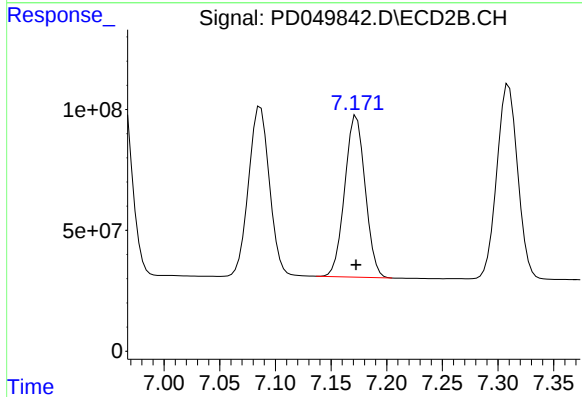
R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 1060964278  
Conc: 50.84 ng/ml



#17 4,4'-DDT

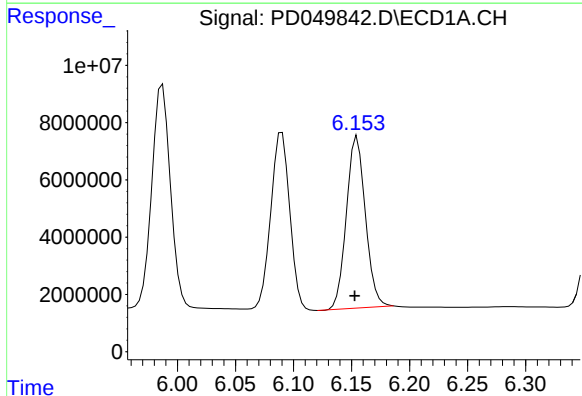
R.T.: 6.090 min  
Delta R.T.: 0.002 min  
Response: 69995389  
Conc: 48.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



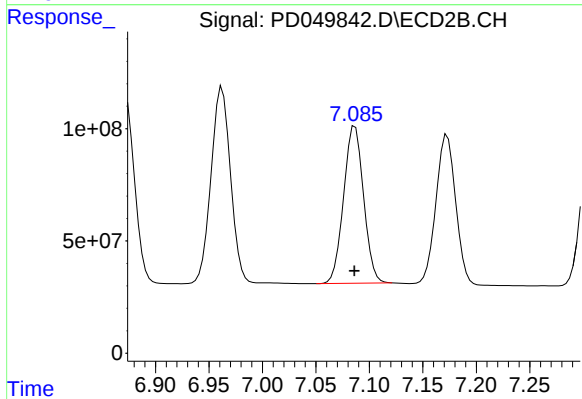
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 853341711  
Conc: 47.11 ng/ml



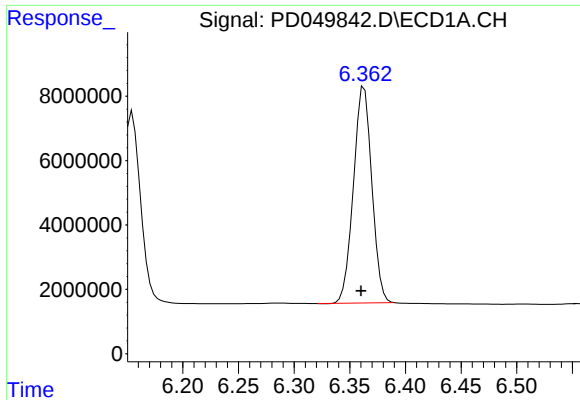
#18 Endrin aldehyde

R.T.: 6.155 min  
Delta R.T.: 0.002 min  
Response: 68321699  
Conc: 49.33 ng/ml



#18 Endrin aldehyde

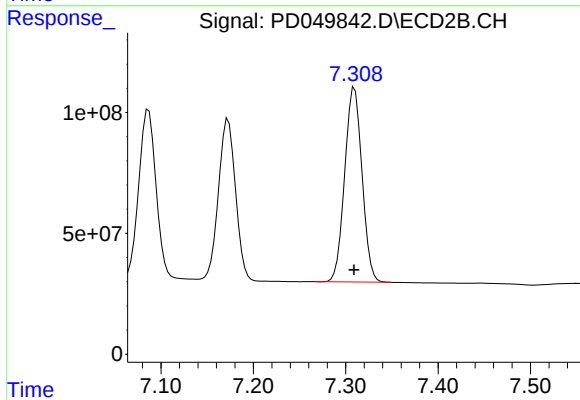
R.T.: 7.087 min  
Delta R.T.: 0.000 min  
Response: 910993013  
Conc: 48.48 ng/ml



#19 Endosulfan Sulfate

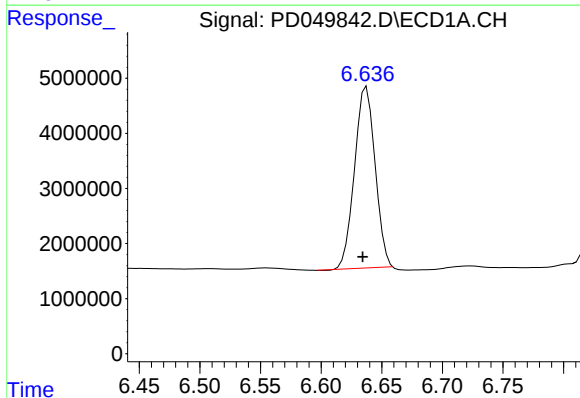
R.T.: 6.363 min  
Delta R.T.: 0.003 min  
Response: 77322460  
Conc: 50.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



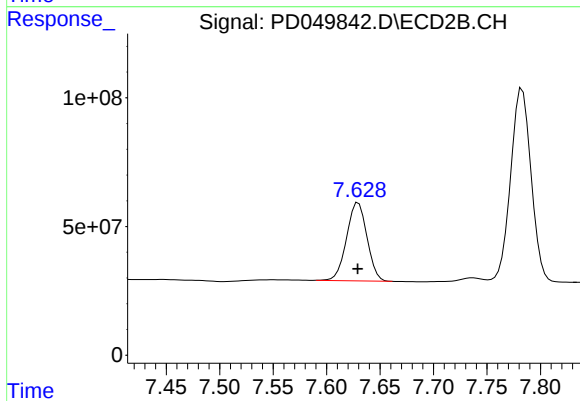
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: 0.000 min  
Response: 1049815353  
Conc: 48.66 ng/ml



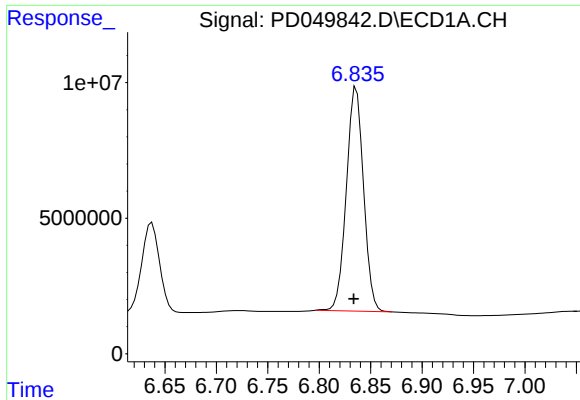
#20 Methoxychlor

R.T.: 6.637 min  
Delta R.T.: 0.003 min  
Response: 38896291  
Conc: 48.41 ng/ml



#20 Methoxychlor

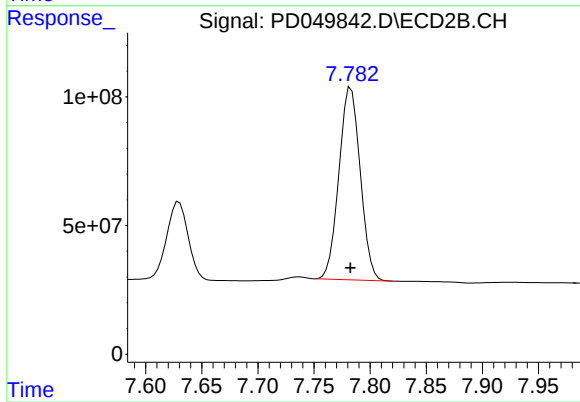
R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 403849399  
Conc: 48.89 ng/ml



#21 Endrin ketone

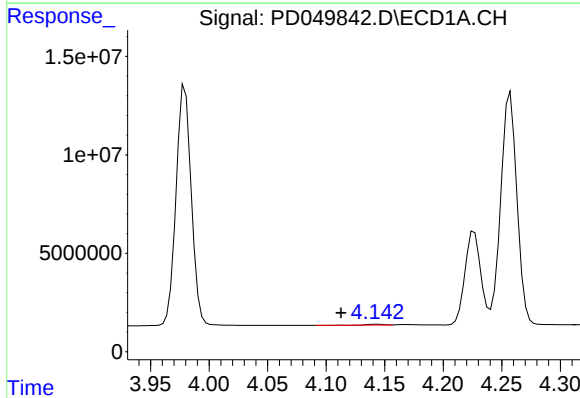
R.T.: 6.836 min  
Delta R.T.: 0.003 min  
Response: 96155685  
Conc: 50.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



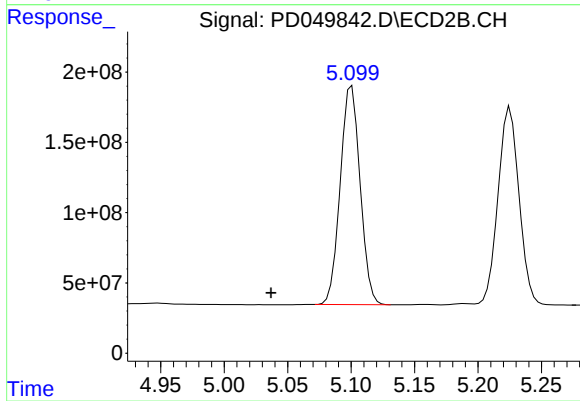
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 987207582  
Conc: 48.18 ng/ml



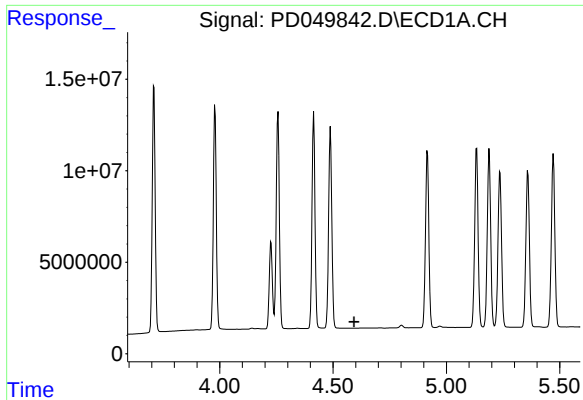
#23 Chlordane-1

R.T.: 4.143 min  
Delta R.T.: 0.030 min  
Response: 490661  
Conc: 7.65 ng/ml



#23 Chlordane-1

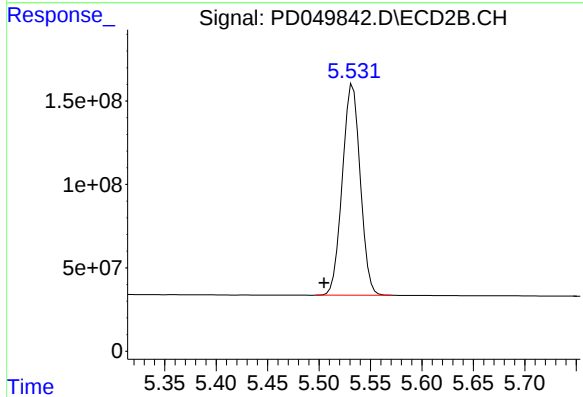
R.T.: 5.101 min  
Delta R.T.: 0.064 min  
Response: 1696759638  
Conc: 1501.60 ng/ml



#24 Chlordane-2

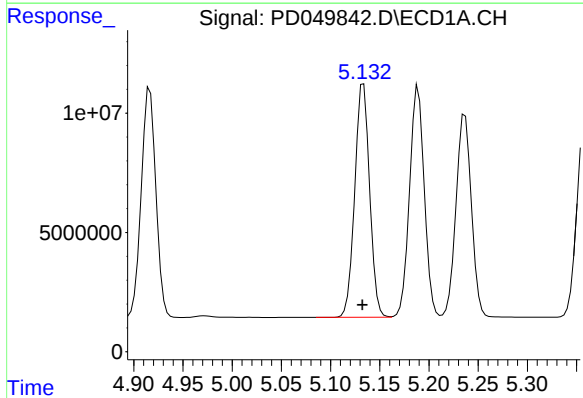
R.T.: 0.000 min  
Exp R.T.: 4.593 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



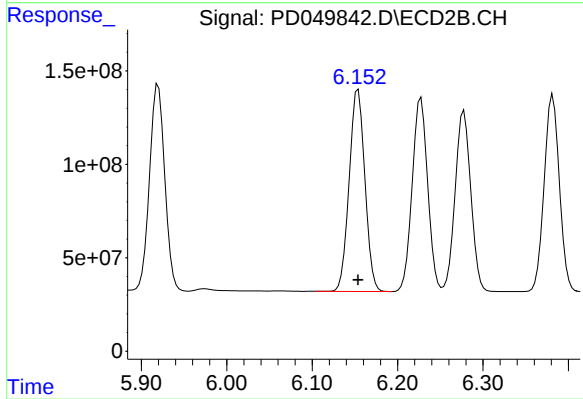
#24 Chlordane-2

R.T.: 5.533 min  
Delta R.T.: 0.028 min  
Response: 1534455829  
Conc: 1599.44 ng/ml



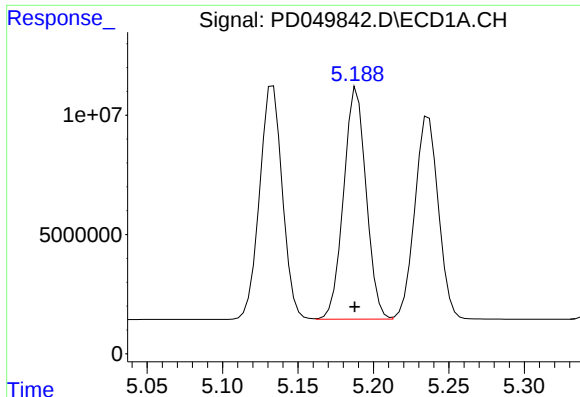
#25 Chlordane-3

R.T.: 5.133 min  
Delta R.T.: 0.001 min  
Response: 102797296  
Conc: 482.16 ng/ml



#25 Chlordane-3

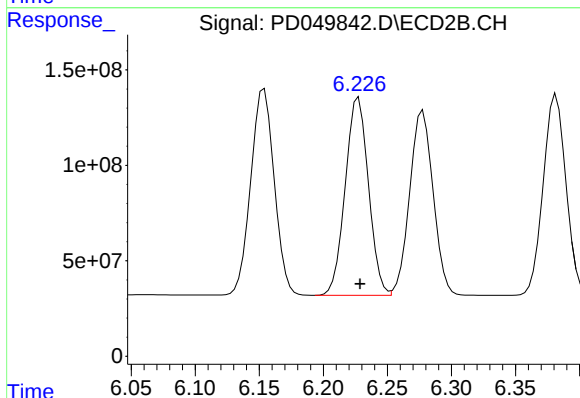
R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 1384228619  
Conc: 386.86 ng/ml



#26 Chlordane-4

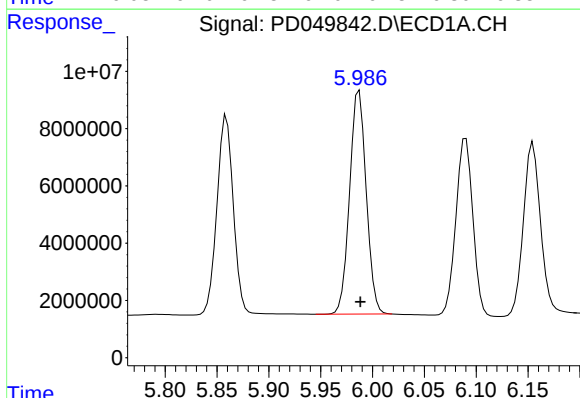
R.T.: 5.189 min  
Delta R.T.: 0.001 min  
Response: 100806488  
Conc: 484.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



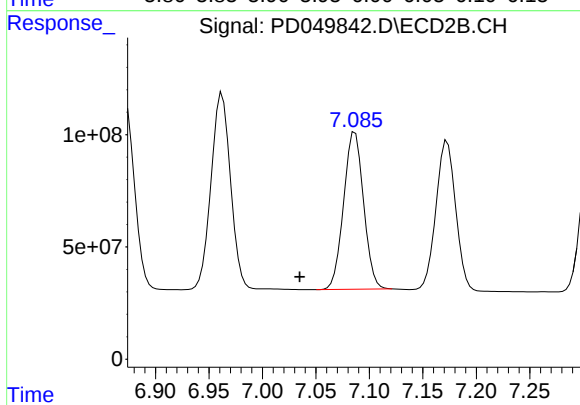
#26 Chlordane-4

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 1308437657  
Conc: 323.36 ng/ml



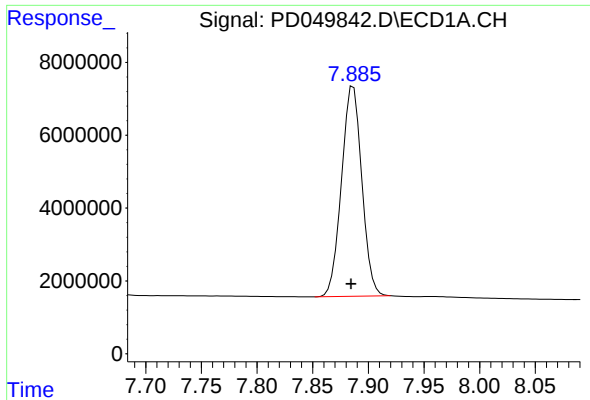
#27 Chlordane-5

R.T.: 5.987 min  
Delta R.T.: -0.001 min  
Response: 87129636  
Conc: 1372.31 ng/ml



#27 Chlordane-5

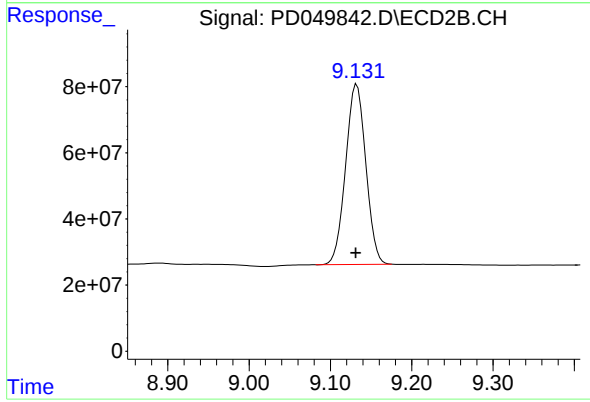
R.T.: 7.087 min  
Delta R.T.: 0.052 min  
Response: 910993013  
Conc: 1124.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.887 min  
Delta R.T.: 0.002 min  
Response: 73364413  
Conc: 49.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.132 min  
Delta R.T.: 0.002 min  
Response: 939055208  
Conc: 48.05 ng/ml