

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
 Data File : PD061555.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 23:34  
 Operator : AR\AJ  
 Sample : M1557-09DL 10X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 04:54:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.486  | 3.978  | 1795684  | 78735190 | 2.240    | 9.437 #    |
| 28)                         | SA Decachlor... | 8.257  | 9.038  | 3226693  | 21891162 | 2.676    | 2.537      |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.926  | 4.371  | 251.3E6  | 2378.0E6 | 203.927  | 183.473    |
| 3)                          | MA gamma-BHC... | 4.210  | 4.655  | 54403559 | 552.6E6  | 46.221   | 45.550     |
| 4)                          | MA Heptachlor   | 4.514  | 5.163  | 115.2E6  | 1121.1E6 | 92.826   | 88.002     |
| 5)                          | MB Aldrin       | 4.764  | 5.468  | 154.8E6  | 1482.4E6 | 132.154  | 123.958    |
| 6)                          | B beta-BHC      | 4.460  | 4.824  | 21481301 | 200.6E6  | 40.628   | 41.135     |
| 7)                          | B delta-BHC     | 4.688f | 5.011f | 220243   | 24657261 | 0.186    | 2.056 #    |
| 8)                          | B Heptachlo...  | 5.208  | 5.853  | 32749254 | 321.0E6  | 28.813   | 29.494     |
| 9)                          | A Endosulfan I  | 5.548  | 6.209  | 170.8E6  | 1525.4E6 | 157.239  | 146.617    |
| 10)                         | B gamma-Chl...  | 5.435  | 6.087  | 62038223 | 594.0E6  | 53.308   | 52.522     |
| 11)                         | B alpha-Chl...  | 5.494  | 6.160  | 37092676 | 344.2E6  | 32.044   | 31.568     |
| 12)                         | B 4,4'-DDE      | 5.657  | 6.315  | 118.6E6  | 1106.8E6 | 108.010  | 99.650     |
| 13)                         | MA Dieldrin     | 5.792  | 6.466  | 135.8E6  | 1214.0E6 | 118.337  | 109.870    |
| 14)                         | MA Endrin       | 6.051  | 6.683  | 69184933 | 596.2E6  | 65.509   | 63.597     |
| 15)                         | B Endosulfa...  | 6.323  | 6.892  | 133.1E6  | 1128.8E6 | 133.230  | 126.238    |
| 16)                         | A 4,4'-DDD      | 6.174  | 6.805  | 73251304 | 661.0E6  | 78.836   | 73.827     |
| 17)                         | MA 4,4'-DDT     | 6.416  | 7.104  | 29350099 | 265.0E6  | 29.517   | 28.654     |
| 18)                         | B Endrin al...  | 6.492  | 7.016  | 154.6E6  | 1305.1E6 | 187.226  | 181.680    |
| 19)                         | B Endosulfa...  | 6.706  | 7.239  | 59226018 | 509.8E6  | 56.969   | 55.347     |
| 20)                         | A Methoxychlor  | 6.962  | 7.561  | 68136901 | 512.7E6  | 120.878  | 110.830    |
| 21)                         | B Endrin ke...  | 7.200  | 7.709  | 193.9E6  | 1325.4E6 | 156.944  | 143.681    |
| 22)                         | Mirex           | 7.395  | 8.171  | 1108914  | 2120505  | 1.118    | 0.349 #    |
| 23)                         | Chlordane-1     | 0.000  | 4.947f | 0        | 692345   | N.D.     | 1.671 #    |
| 24)                         | Chlordane-2     | 0.000  | 5.468f | 0        | 1482.4E6 | N.D.     | 3686.506 # |
| 25)                         | Chlordane-3     | 5.435  | 6.087  | 62038223 | 594.0E6  | 494.805  | 341.318 #  |
| 26)                         | Chlordane-4     | 5.494  | 6.160  | 37092676 | 344.2E6  | 355.408  | 170.669 #  |
| 27)                         | Chlordane-5     | 6.323  | 0.000  | 133.1E6  | 0        | 2749.181 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

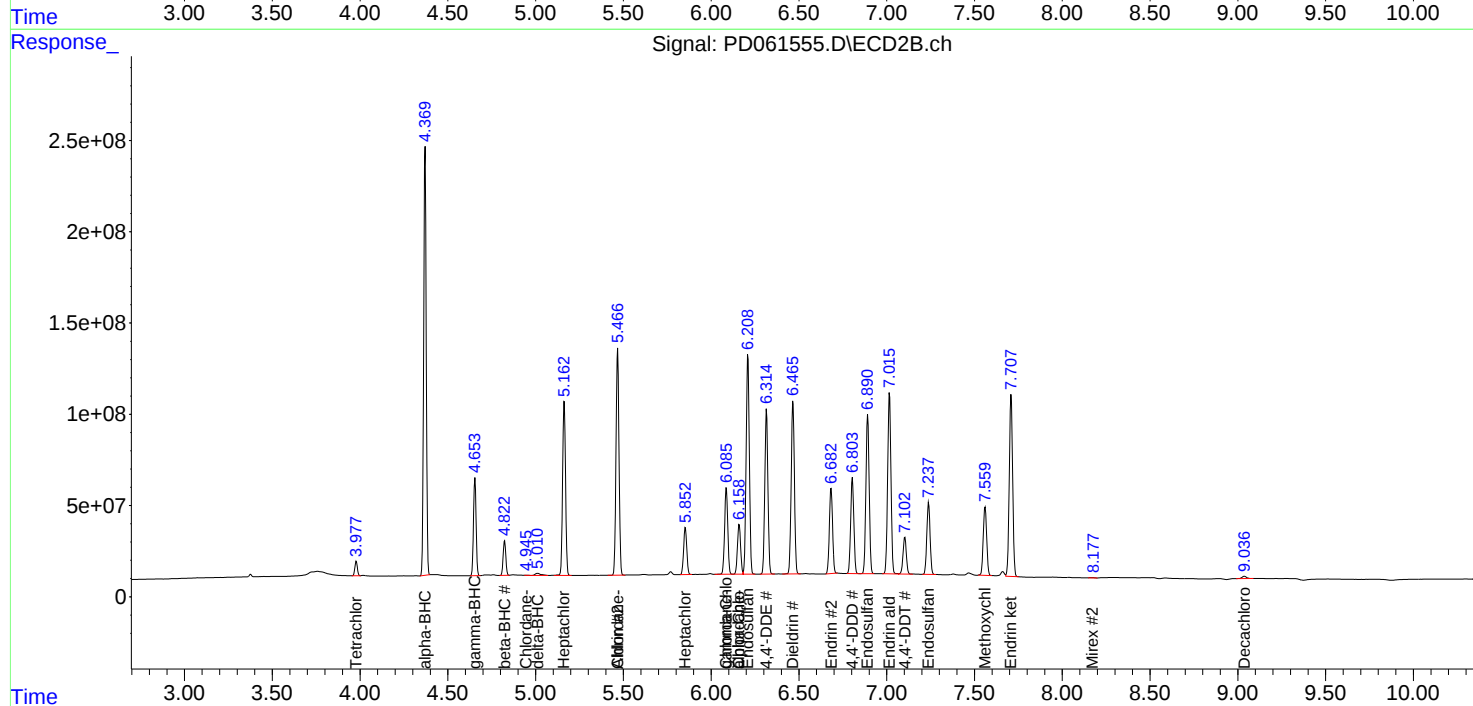
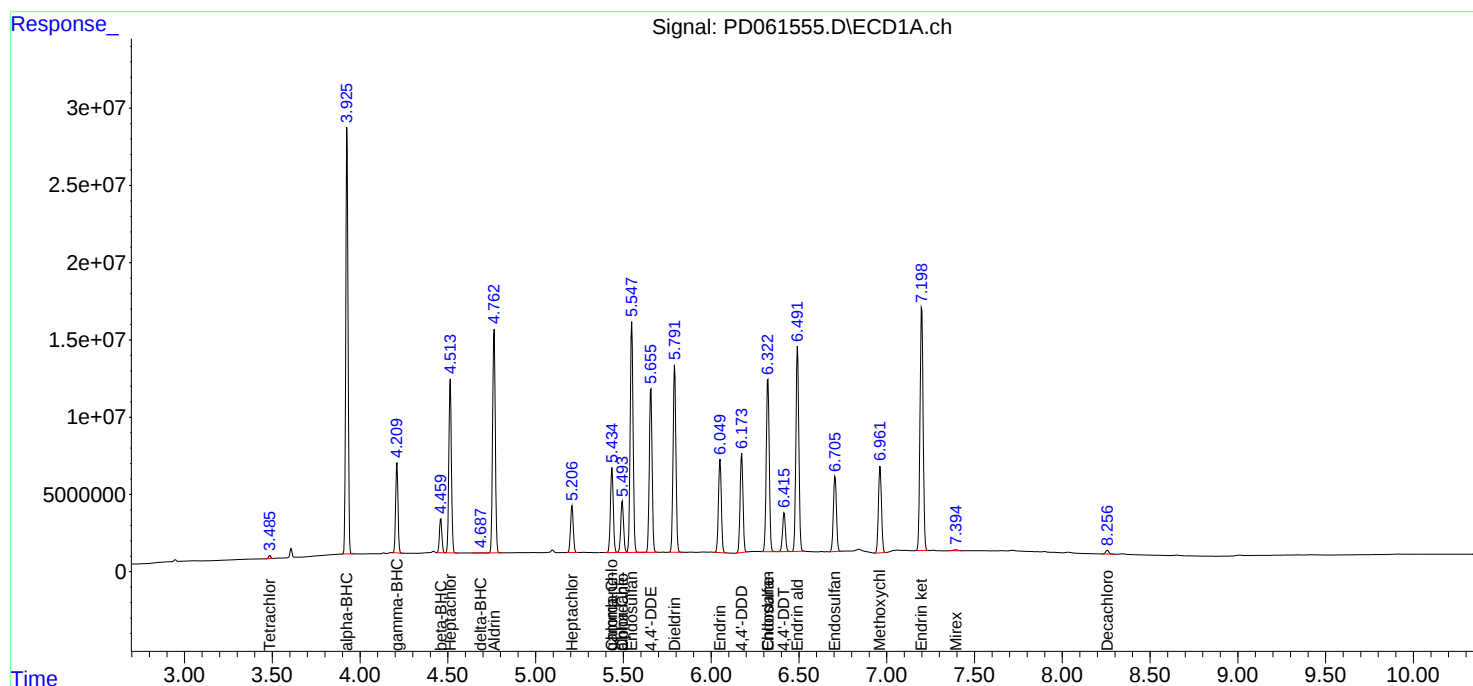
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

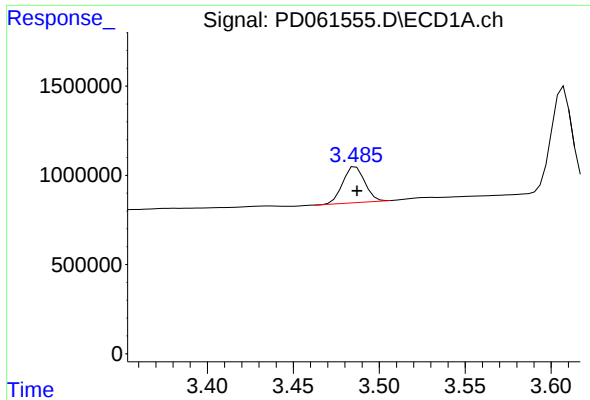
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
Data File : PD061555.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Mar 2021 23:34  
Operator : AR\AJ  
Sample : M1557-09DL 10X  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 04:54:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 11 04:34:41 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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

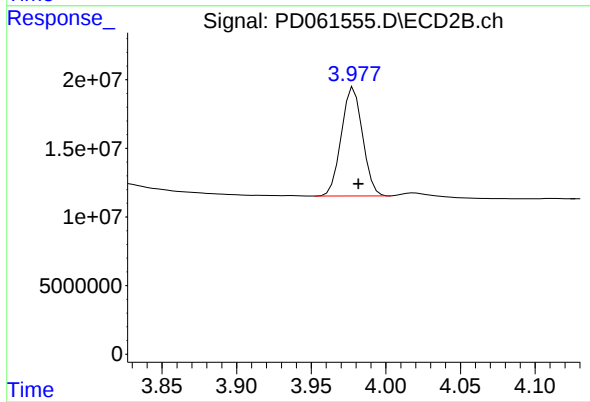




#1 Tetrachloro-m-xylene

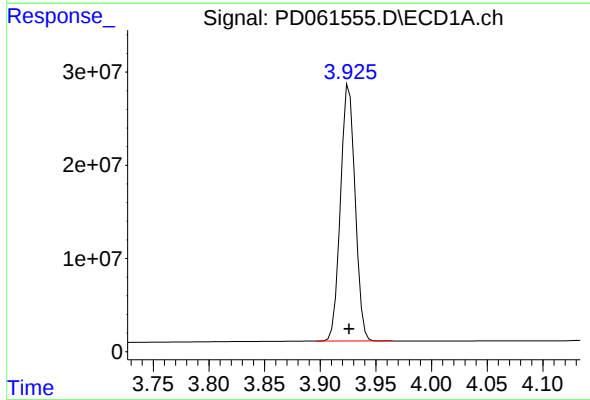
R.T.: 3.486 min  
Delta R.T.: 0.000 min  
Response: 1795684  
Conc: 2.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



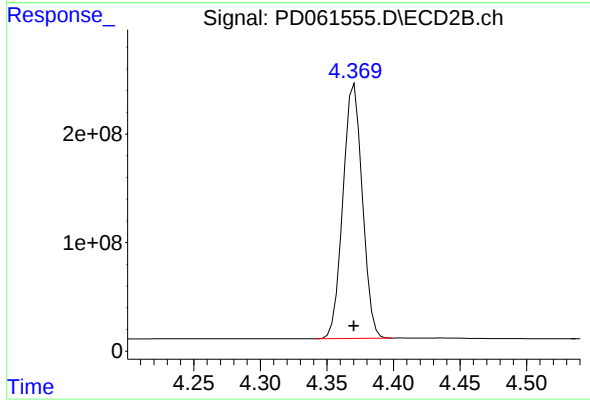
#1 Tetrachloro-m-xylene

R.T.: 3.978 min  
Delta R.T.: -0.003 min  
Response: 78735190  
Conc: 9.44 ng/ml



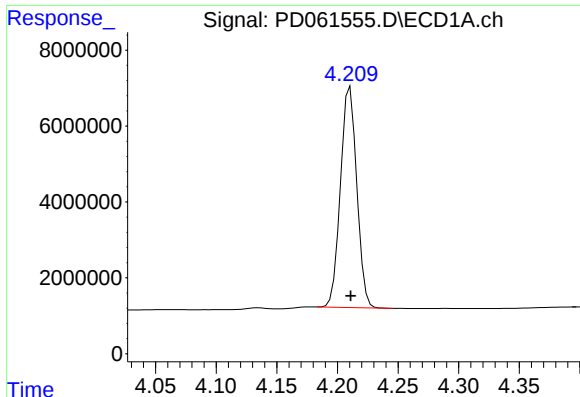
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 251304544  
Conc: 203.93 ng/ml



#2 alpha-BHC

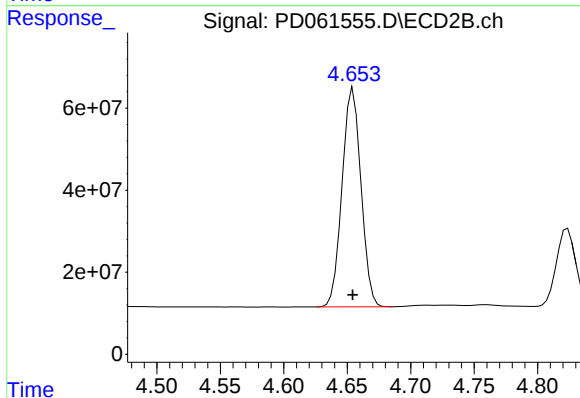
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 2378009043  
Conc: 183.47 ng/ml



#3 gamma-BHC (Lindane)

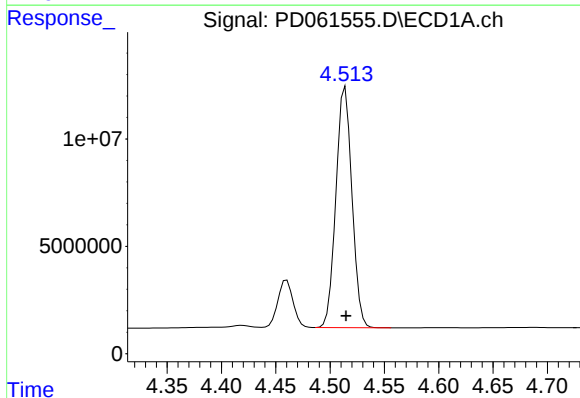
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 54403559  
Conc: 46.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



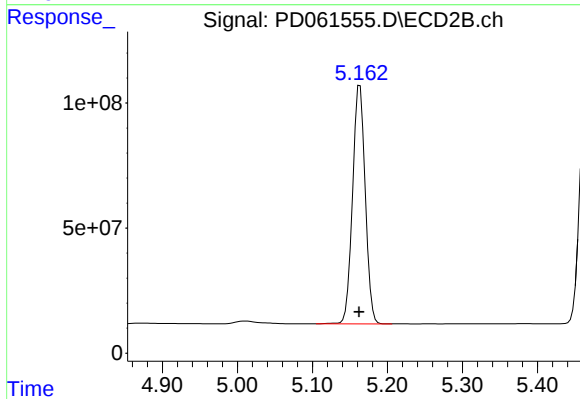
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 552614376  
Conc: 45.55 ng/ml



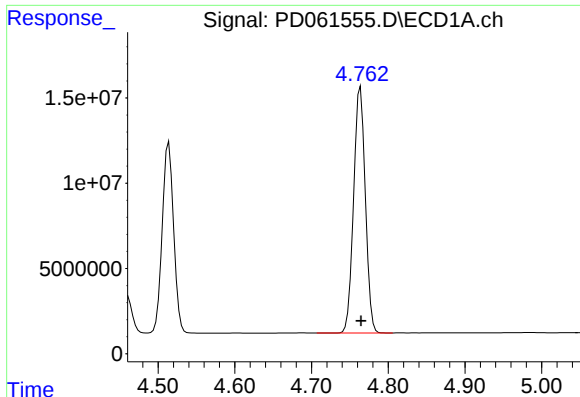
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 115162458  
Conc: 92.83 ng/ml



#4 Heptachlor

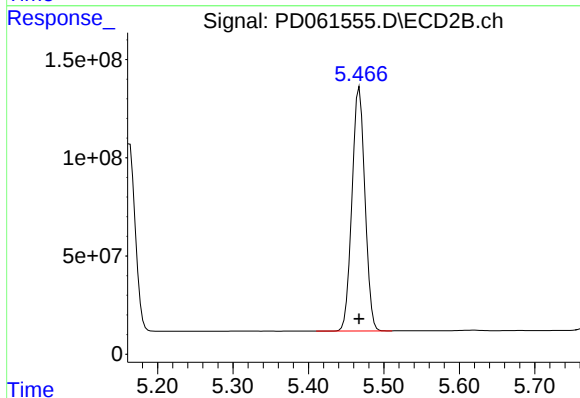
R.T.: 5.163 min  
Delta R.T.: 0.001 min  
Response: 1121102471  
Conc: 88.00 ng/ml



#5 Aldrin

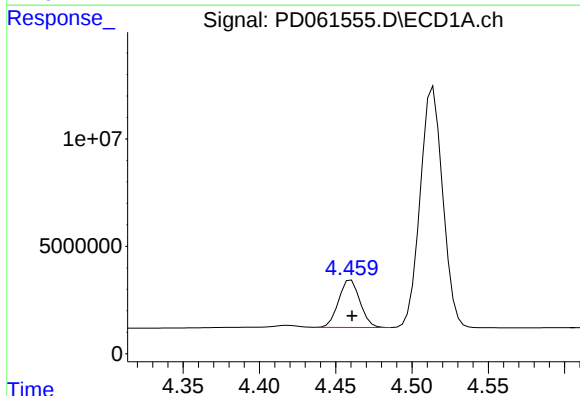
R.T.: 4.764 min  
Delta R.T.: 0.000 min  
Response: 154799221  
Conc: 132.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



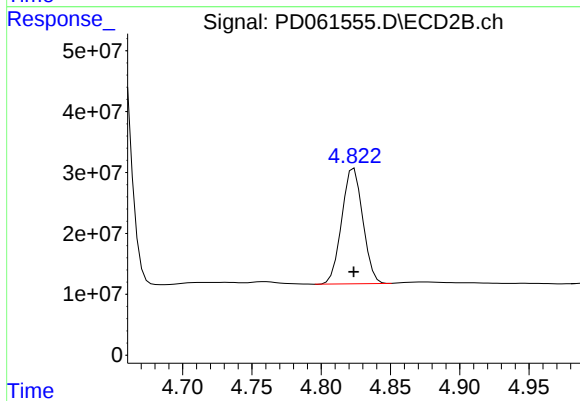
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 1482389096  
Conc: 123.96 ng/ml



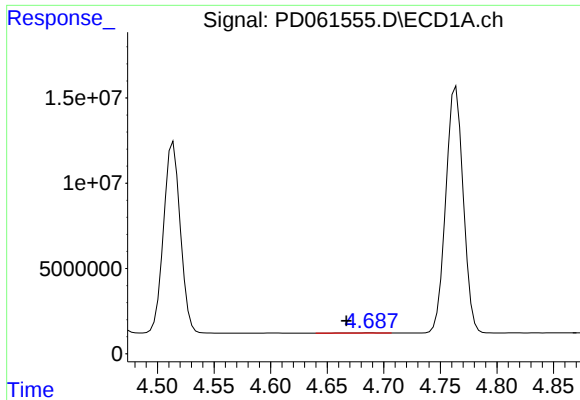
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 21481301  
Conc: 40.63 ng/ml



#6 beta-BHC

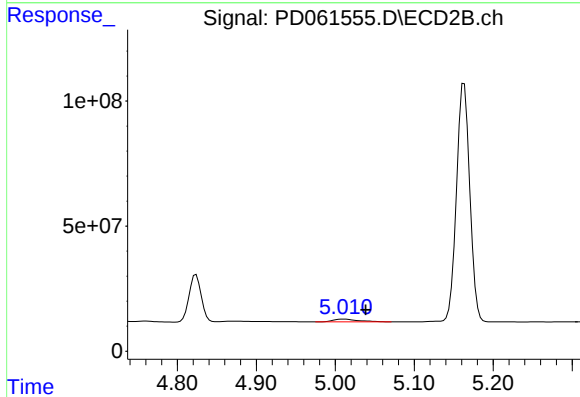
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 200605718  
Conc: 41.14 ng/ml



#7 delta-BHC

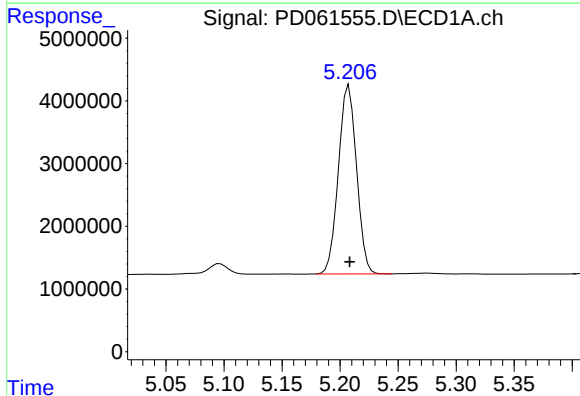
R.T.: 4.688 min  
Delta R.T.: 0.021 min  
Response: 220243  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



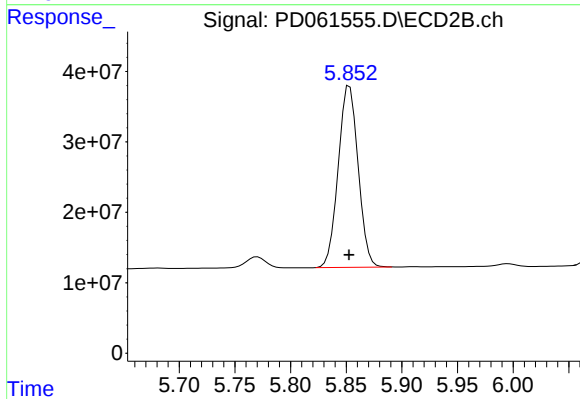
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: -0.027 min  
Response: 24657261  
Conc: 2.06 ng/ml



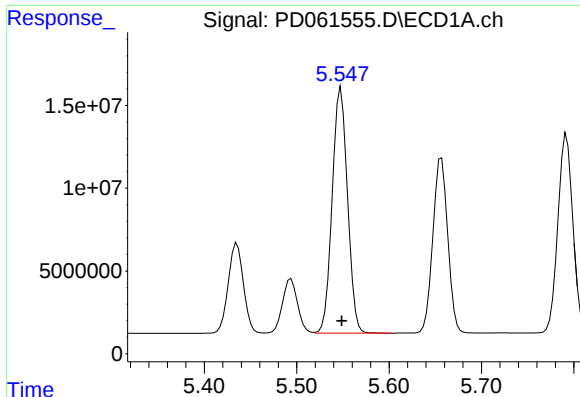
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: 0.000 min  
Response: 32749254  
Conc: 28.81 ng/ml



#8 Heptachlor epoxide

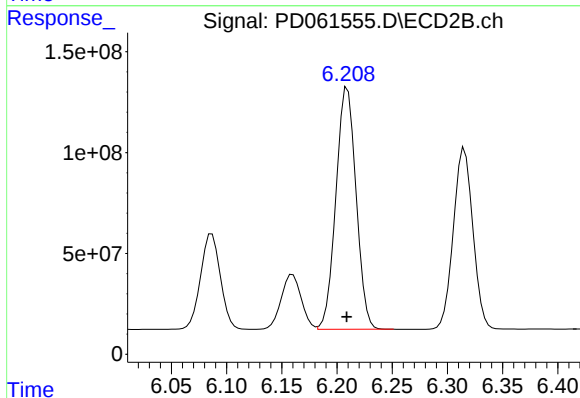
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 320991864  
Conc: 29.49 ng/ml



#9 Endosulfan I

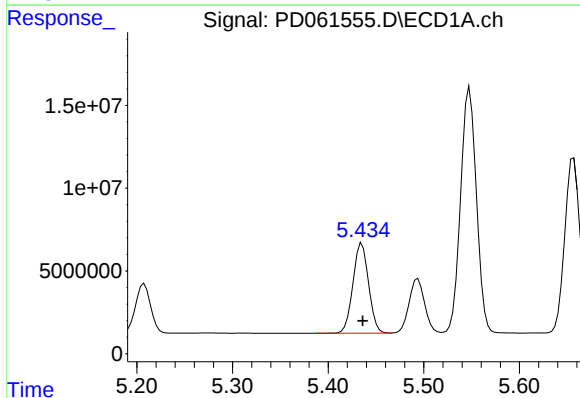
R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 170825404  
Conc: 157.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



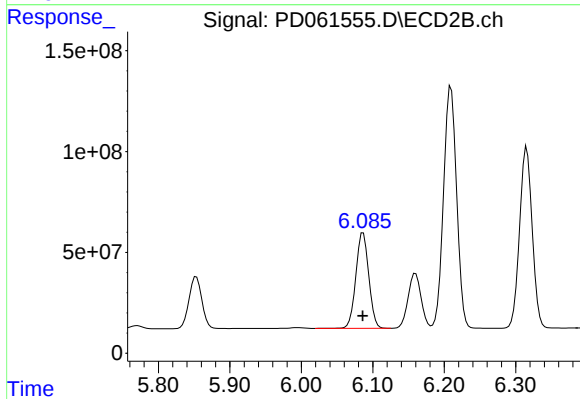
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 1525356287  
Conc: 146.62 ng/ml



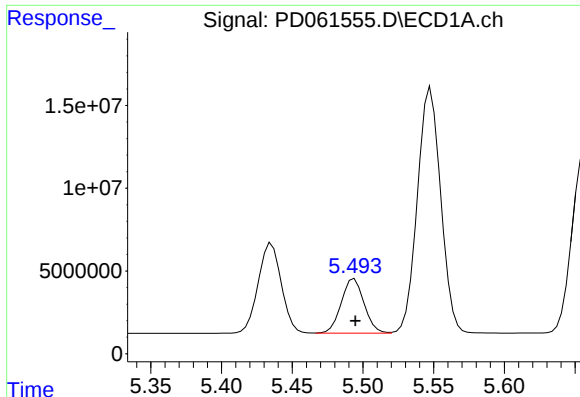
#10 gamma-Chlordane

R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 62038223  
Conc: 53.31 ng/ml



#10 gamma-Chlordane

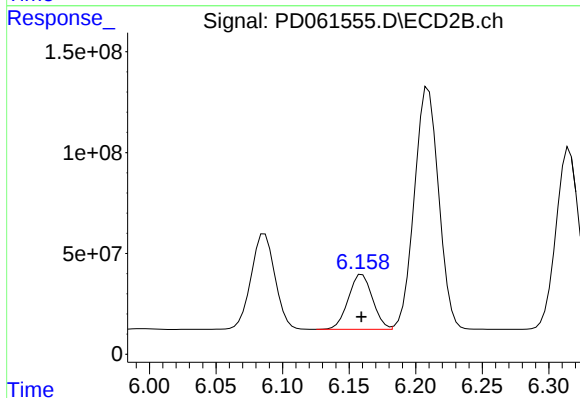
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 593961303  
Conc: 52.52 ng/ml



#11 alpha-Chlordane

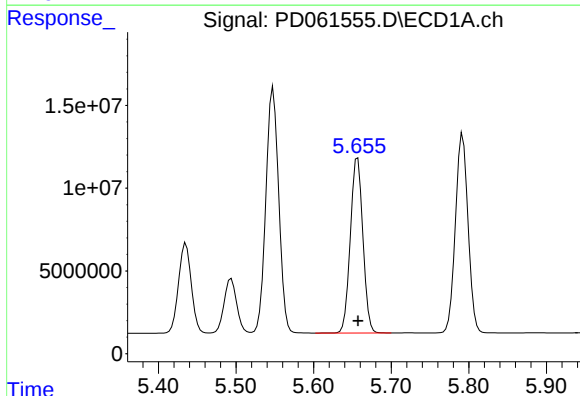
R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 37092676  
Conc: 32.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



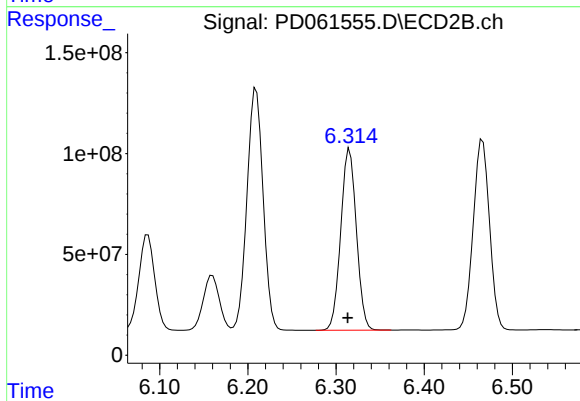
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 344184697  
Conc: 31.57 ng/ml



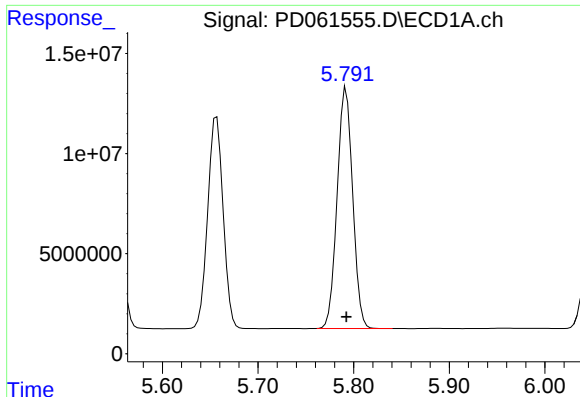
#12 4,4'-DDE

R.T.: 5.657 min  
Delta R.T.: 0.000 min  
Response: 118609065  
Conc: 108.01 ng/ml



#12 4,4'-DDE

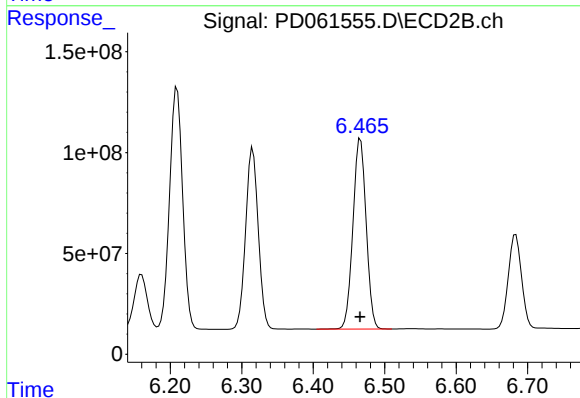
R.T.: 6.315 min  
Delta R.T.: 0.002 min  
Response: 1106797925  
Conc: 99.65 ng/ml



#13 Dieldrin

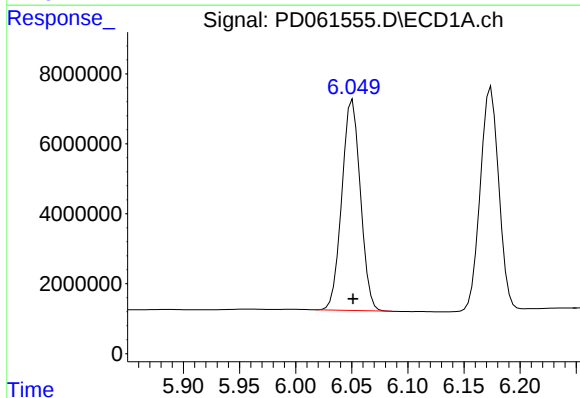
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 135806440  
Conc: 118.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



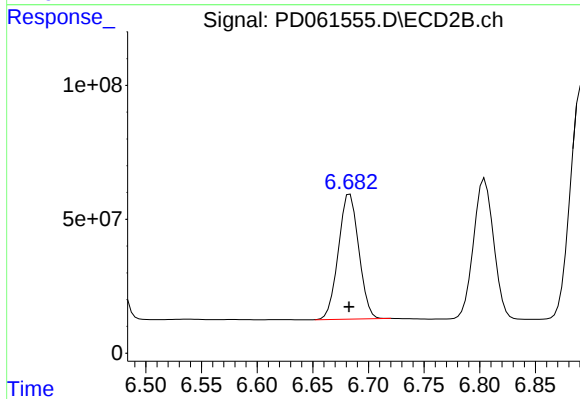
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 1214031063  
Conc: 109.87 ng/ml



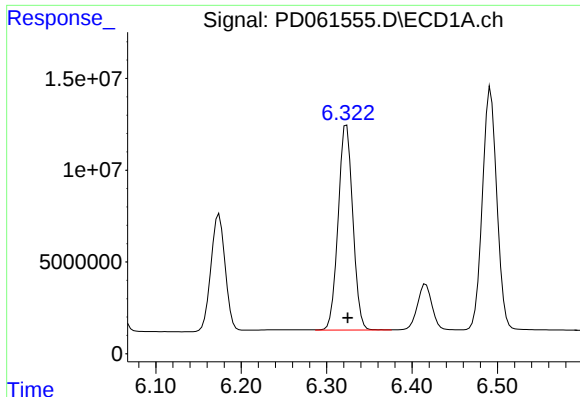
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 69184933  
Conc: 65.51 ng/ml



#14 Endrin

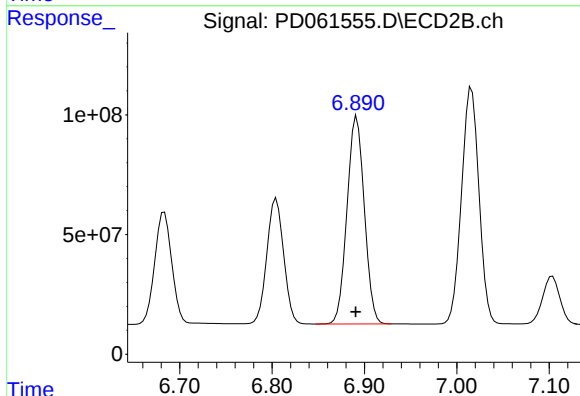
R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 596173998  
Conc: 63.60 ng/ml



#15 Endosulfan II

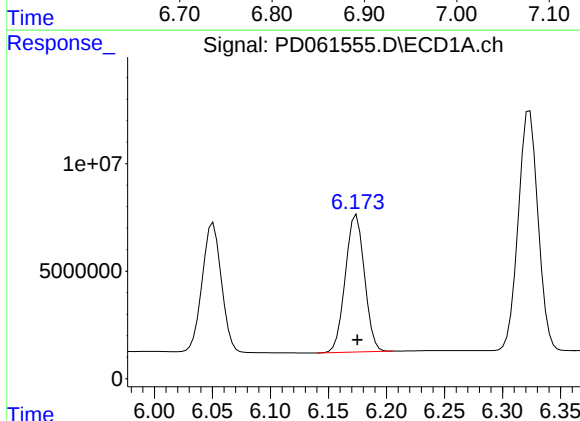
R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 133149576  
Conc: 133.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



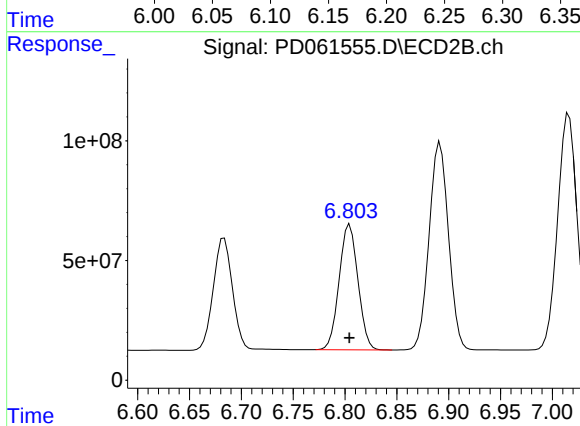
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.001 min  
Response: 1128800137  
Conc: 126.24 ng/ml



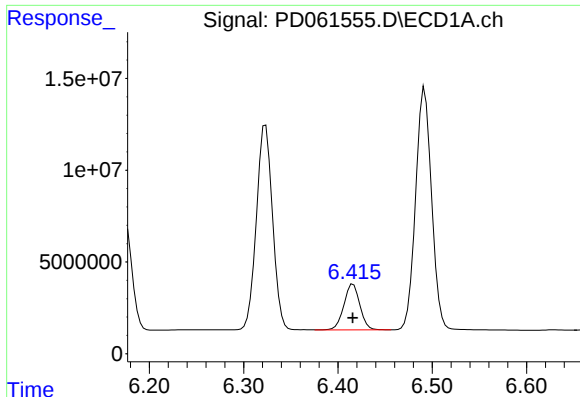
#16 4,4'-DDD

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 73251304  
Conc: 78.84 ng/ml



#16 4,4'-DDD

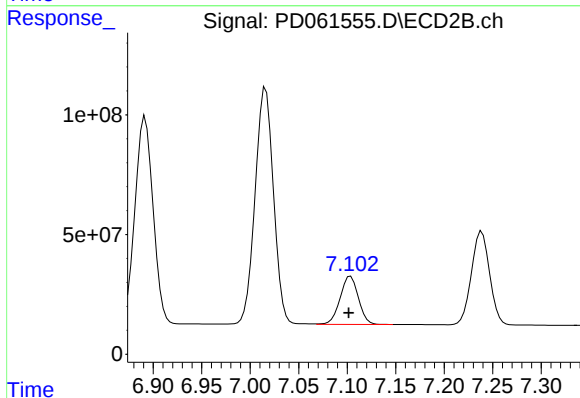
R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 660982718  
Conc: 73.83 ng/ml



#17 4,4'-DDT

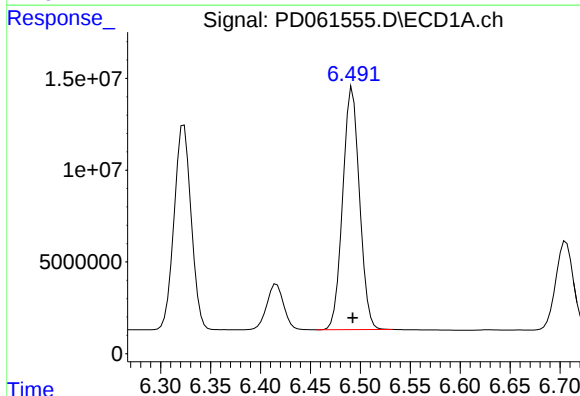
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 29350099  
Conc: 29.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



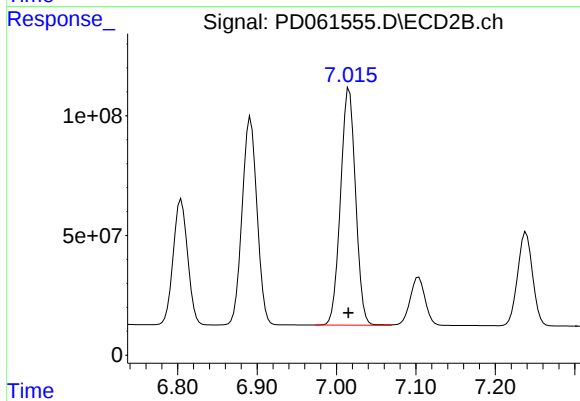
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.002 min  
Response: 265023559  
Conc: 28.65 ng/ml



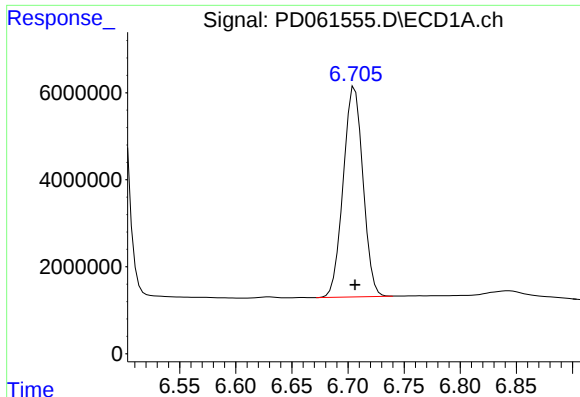
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 154631537  
Conc: 187.23 ng/ml



#18 Endrin aldehyde

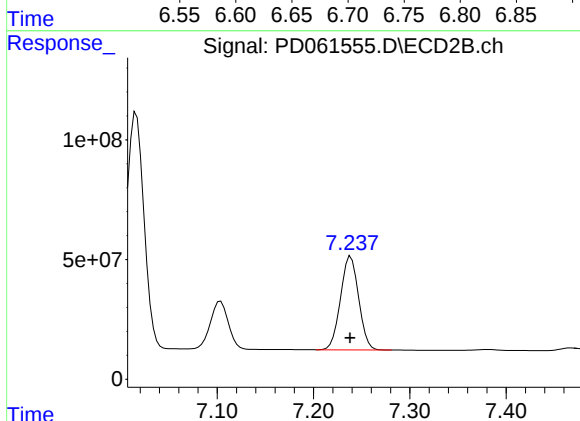
R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 1305081228  
Conc: 181.68 ng/ml



#19 Endosulfan Sulfate

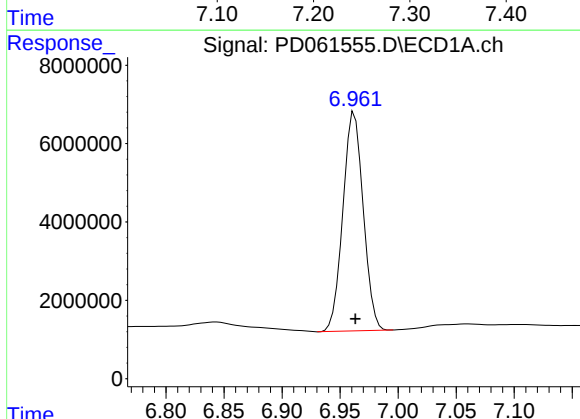
R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 59226018  
Conc: 56.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



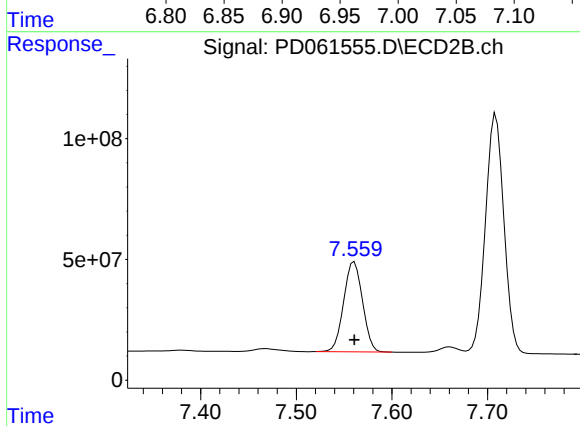
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 509796539  
Conc: 55.35 ng/ml



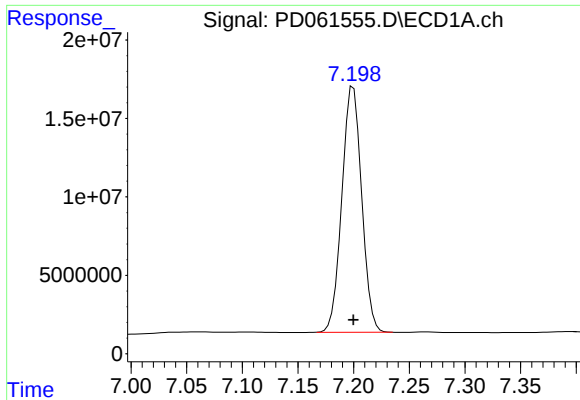
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 68136901  
Conc: 120.88 ng/ml



#20 Methoxychlor

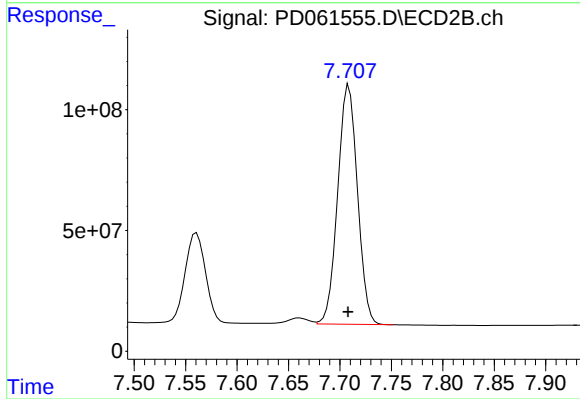
R.T.: 7.561 min  
Delta R.T.: 0.000 min  
Response: 512746944  
Conc: 110.83 ng/ml



#21 Endrin ketone

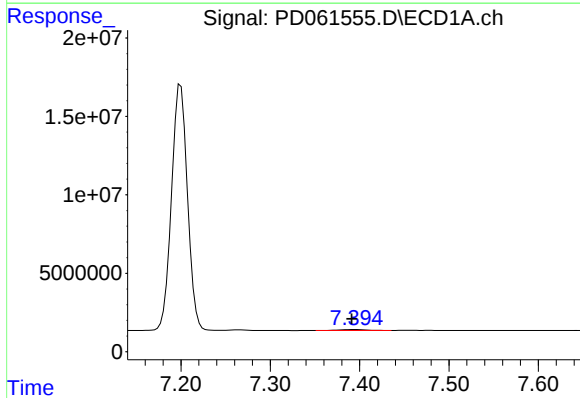
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 193912072  
Conc: 156.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



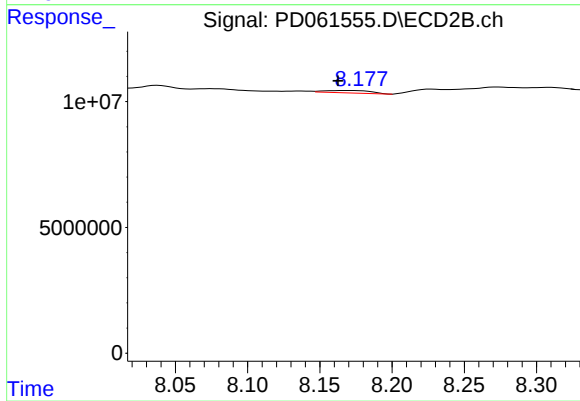
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 1325424450  
Conc: 143.68 ng/ml



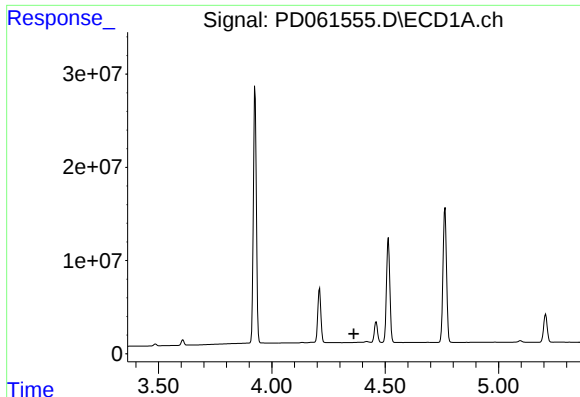
#22 Mirex

R.T.: 7.395 min  
Delta R.T.: 0.004 min  
Response: 1108914  
Conc: 1.12 ng/ml



#22 Mirex

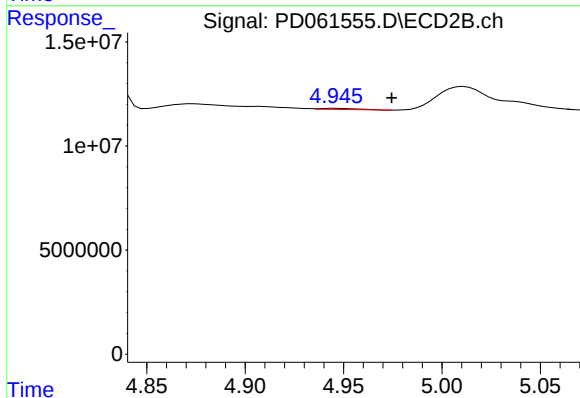
R.T.: 8.171 min  
Delta R.T.: 0.009 min  
Response: 2120505  
Conc: 0.35 ng/ml



#23 Chlordane-1

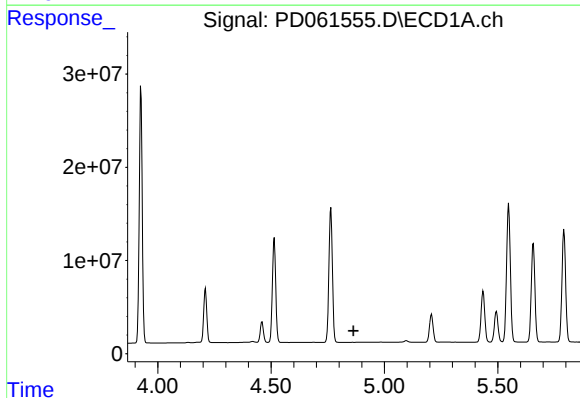
R.T.: 0.000 min  
Exp R.T.: 4.361 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



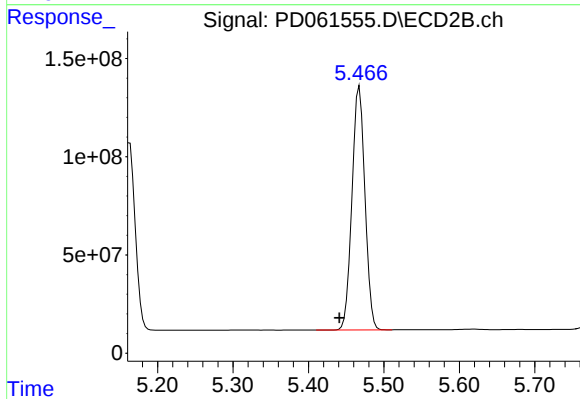
#23 Chlordane-1

R.T.: 4.947 min  
Delta R.T.: -0.028 min  
Response: 692345  
Conc: 1.67 ng/ml



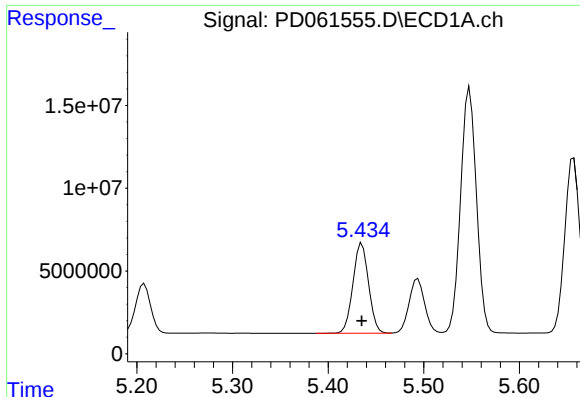
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.864 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

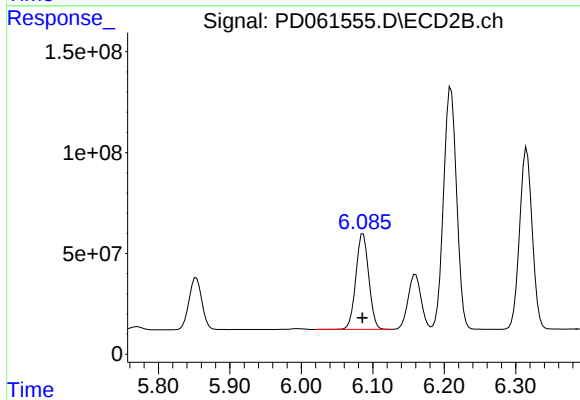
R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 1482389096  
Conc: 3686.51 ng/ml



#25 Chlordane-3

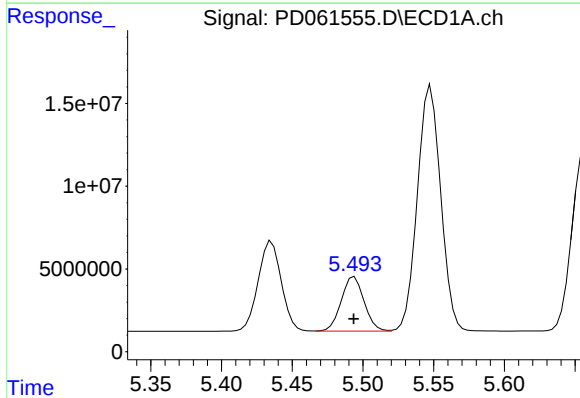
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 62038223  
Conc: 494.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



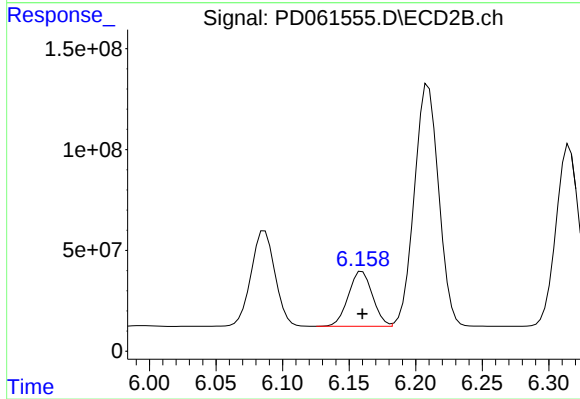
#25 Chlordane-3

R.T.: 6.087 min  
Delta R.T.: 0.001 min  
Response: 593961303  
Conc: 341.32 ng/ml



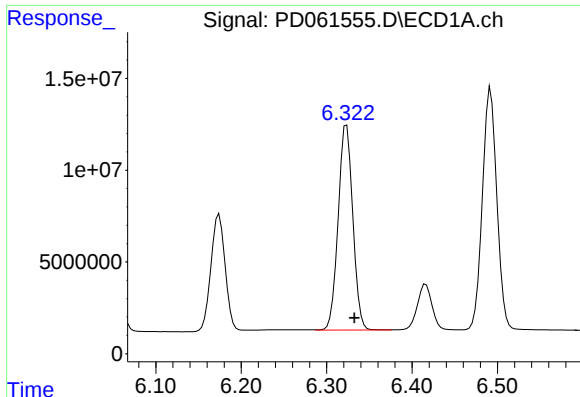
#26 Chlordane-4

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 37092676  
Conc: 355.41 ng/ml



#26 Chlordane-4

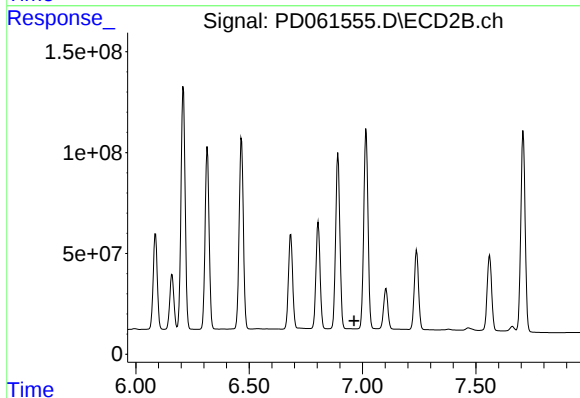
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 344184697  
Conc: 170.67 ng/ml



#27 Chlordane-5

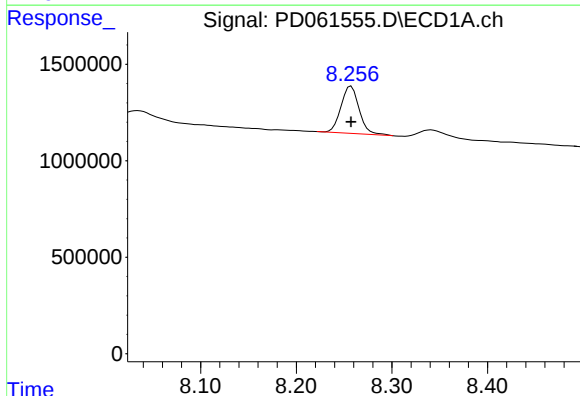
R.T.: 6.323 min  
Delta R.T.: -0.009 min  
Response: 133149576  
Conc: 2749.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



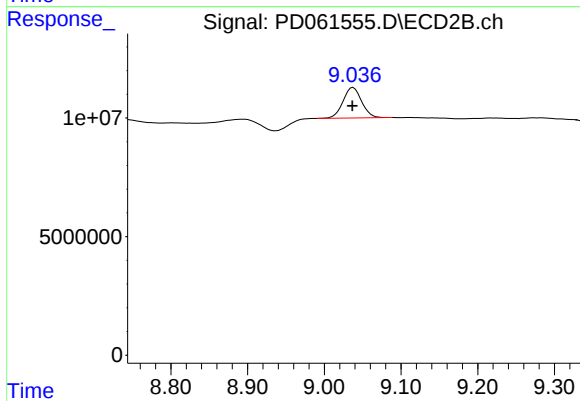
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.963 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 3226693  
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: 0.000 min  
Response: 21891162  
Conc: 2.54 ng/ml