

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101220\  
 Data File : PD059690.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Oct 2020 13:10  
 Operator : DD\AJ  
 Sample : PB132279BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 16:12:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100820.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 08 13:21:41 2020  
 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... | 3.509 | 4.024  | 28452569 | 43235699 | 19.734   | 19.888     |
| 28)                         | SA Decachlor... | 8.313 | 9.108  | 25360967 | 31978908 | 22.830   | 19.847     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.951 | 4.415  | 120.7E6  | 177.0E6  | 52.871   | 53.162     |
| 3)                          | MA gamma-BHC... | 4.238 | 4.700  | 110.0E6  | 163.4E6  | 52.165   | 52.719     |
| 4)                          | MA Heptachlor   | 4.546 | 5.211  | 108.6E6  | 152.5E6  | 50.657   | 50.726     |
| 5)                          | MB Aldrin       | 4.798 | 5.518  | 107.2E6  | 153.2E6  | 53.951   | 55.550     |
| 6)                          | B beta-BHC      | 4.489 | 4.868  | 43880943 | 66760401 | 51.522   | 53.573     |
| 7)                          | B delta-BHC     | 4.697 | 5.086  | 106.6E6  | 157.4E6  | 53.950   | 57.245     |
| 8)                          | B Heptachlo...  | 5.245 | 5.905  | 96389383 | 136.3E6  | 54.319   | 53.245     |
| 9)                          | A Endosulfan I  | 5.588 | 6.263  | 88698734 | 123.3E6  | 54.862   | 53.119     |
| 10)                         | B gamma-Chl...  | 5.475 | 6.139  | 97232289 | 136.0E6  | 54.794   | 54.317     |
| 11)                         | B alpha-Chl...  | 5.534 | 6.213  | 95827945 | 133.9E6  | 54.588   | 53.063     |
| 12)                         | B 4,4'-DDE      | 5.699 | 6.368  | 93638529 | 127.9E6  | 55.219   | 53.881     |
| 13)                         | MA Dieldrin     | 5.834 | 6.521  | 94765158 | 132.1E6  | 55.014   | 53.412     |
| 14)                         | MA Endrin       | 6.093 | 6.739  | 66136815 | 89955755 | 44.814   | 42.754     |
| 15)                         | B Endosulfa...  | 6.367 | 6.947  | 79573174 | 112.3E6  | 54.988   | 52.336     |
| 16)                         | A 4,4'-DDD      | 6.218 | 6.858  | 81595644 | 113.1E6  | 58.397   | 55.861     |
| 17)                         | MA 4,4'-DDT     | 6.462 | 7.157  | 68739219 | 90872974 | 45.101   | 46.358     |
| 18)                         | B Endrin al...  | 6.537 | 7.071  | 68124636 | 97395088 | 56.122   | 55.260     |
| 19)                         | B Endosulfa...  | 6.751 | 7.294  | 70505601 | 103.7E6  | 54.761   | 52.001     |
| 20)                         | A Methoxychlor  | 7.012 | 7.614  | 33686927 | 46023173 | 44.905   | 43.850     |
| 21)                         | B Endrin ke...  | 7.246 | 7.766  | 89876653 | 122.0E6  | 60.258   | 57.072     |
| 22)                         | Mirex           | 7.442 | 8.223  | 56495944 | 72833787 | 53.203   | 52.131     |
| 24)                         | Chlordane-2     | 0.000 | 5.518f | 0        | 153.2E6  | N.D.     | 1927.390 # |
| 25)                         | Chlordane-3     | 5.475 | 6.139  | 97232289 | 136.0E6  | 615.008  | 431.070 #  |
| 26)                         | Chlordane-4     | 5.534 | 6.213  | 95827945 | 133.9E6  | 756.070  | 356.288 #  |
| 27)                         | Chlordane-5     | 6.367 | 0.000  | 79573174 | 0        | 1509.220 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

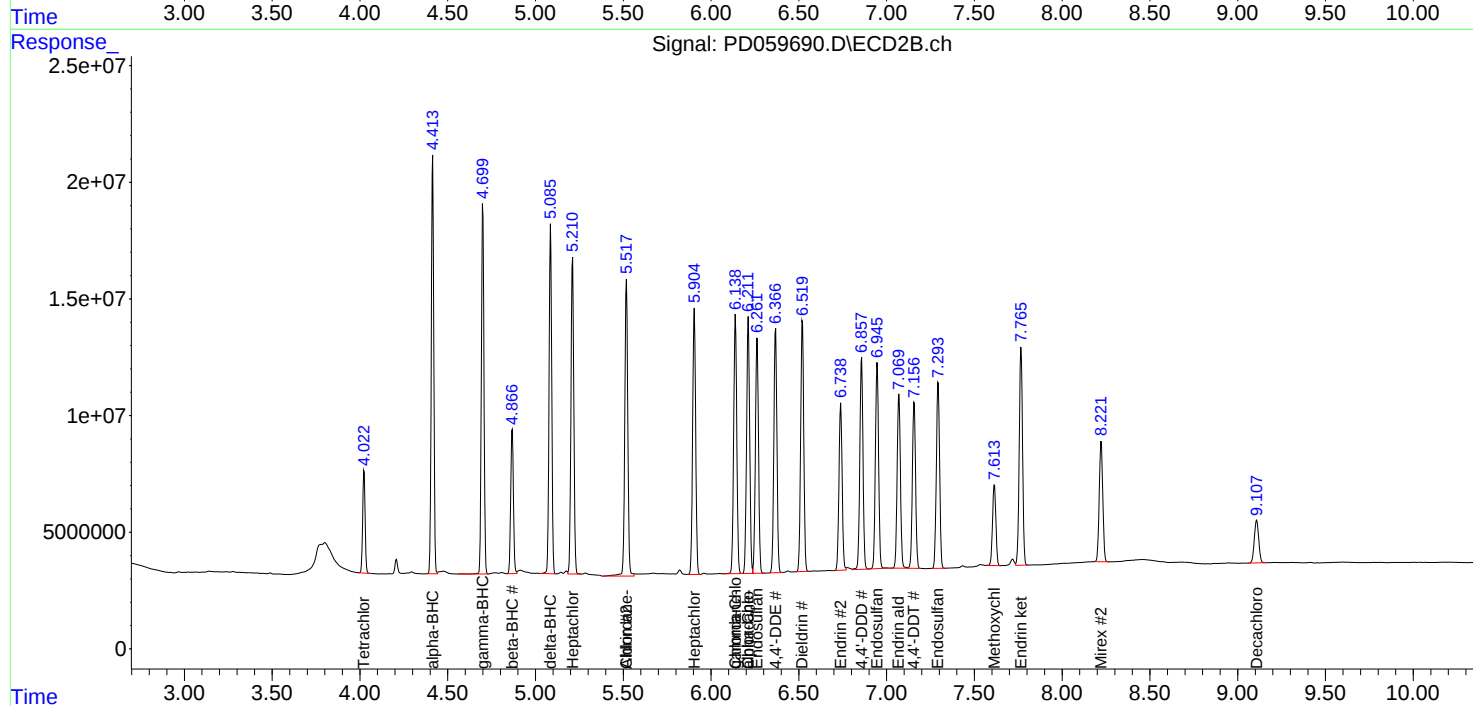
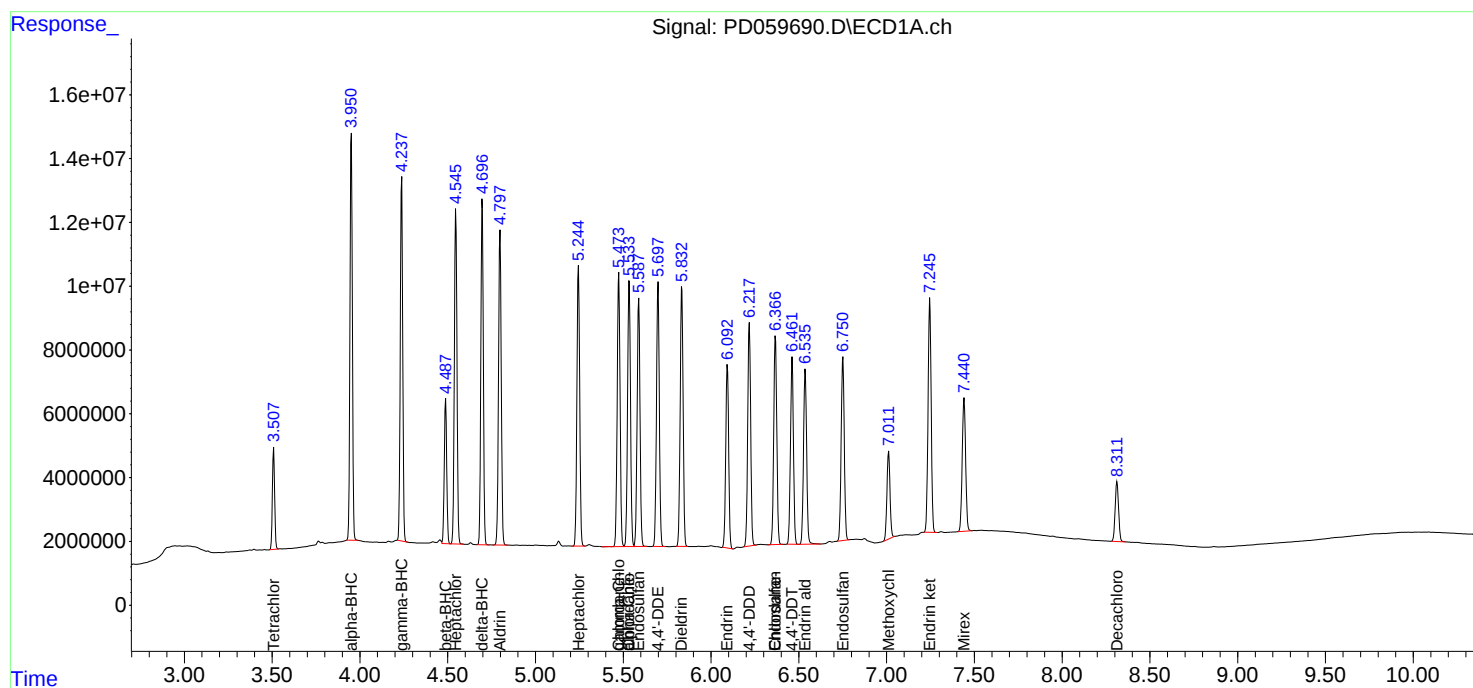
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

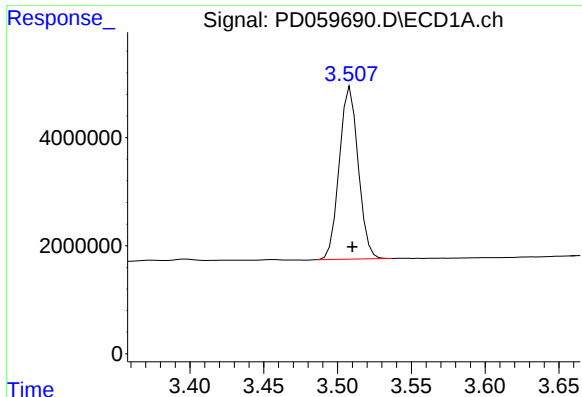
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101220\  
Data File : PD059690.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Oct 2020 13:10  
Operator : DD\AJ  
Sample : PB132279BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 16:12:38 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100820.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 08 13:21:41 2020  
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

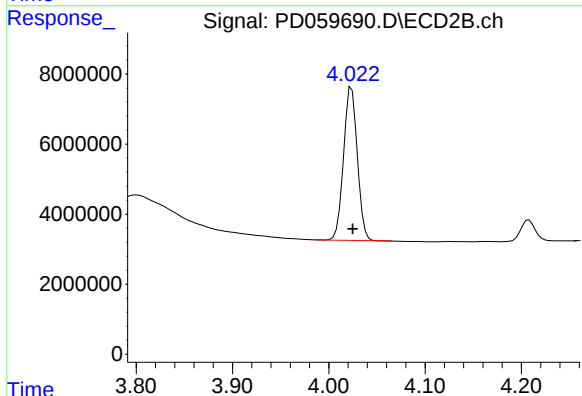




#1 Tetrachloro-m-xylene

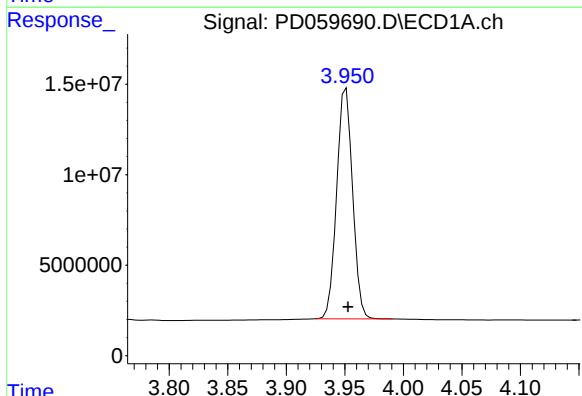
R.T.: 3.509 min  
Delta R.T.: -0.001 min  
Response: 28452569  
Conc: 19.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



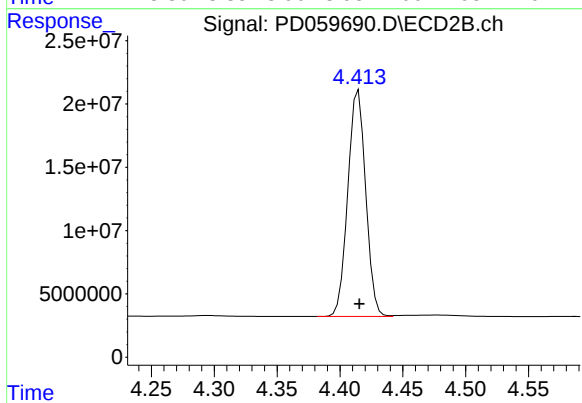
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: -0.001 min  
Response: 43235699  
Conc: 19.89 ng/ml



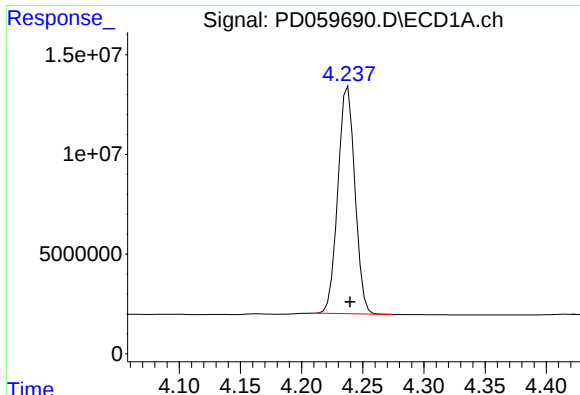
#2 alpha-BHC

R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 120683377  
Conc: 52.87 ng/ml



#2 alpha-BHC

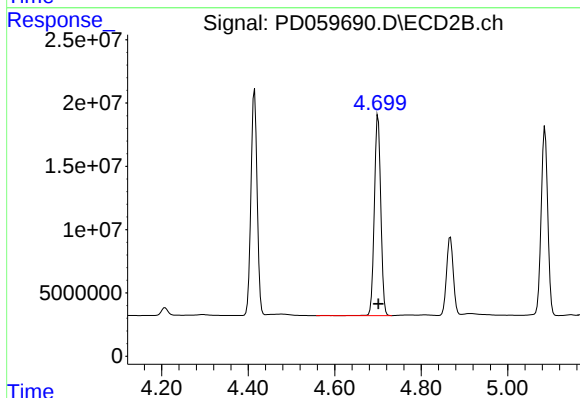
R.T.: 4.415 min  
Delta R.T.: 0.000 min  
Response: 176958517  
Conc: 53.16 ng/ml



#3 gamma-BHC (Lindane)

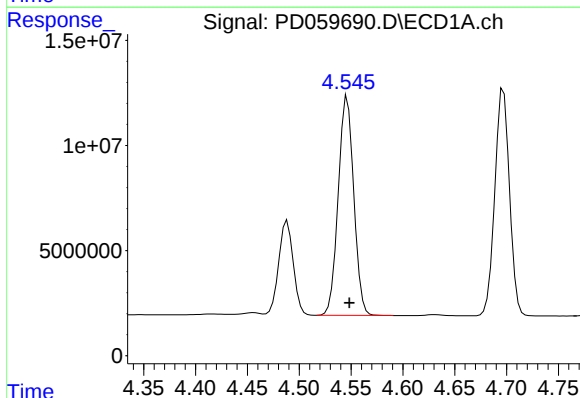
R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 110012992  
Conc: 52.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



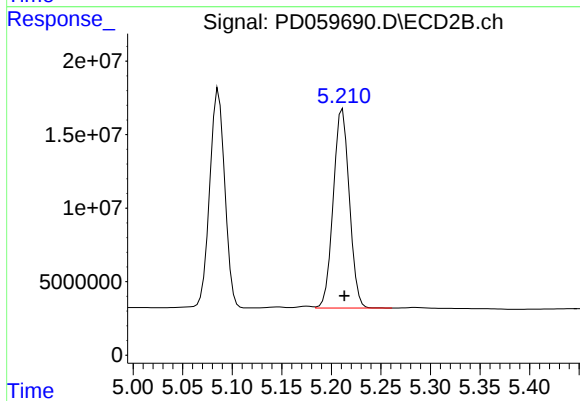
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 163387702  
Conc: 52.72 ng/ml



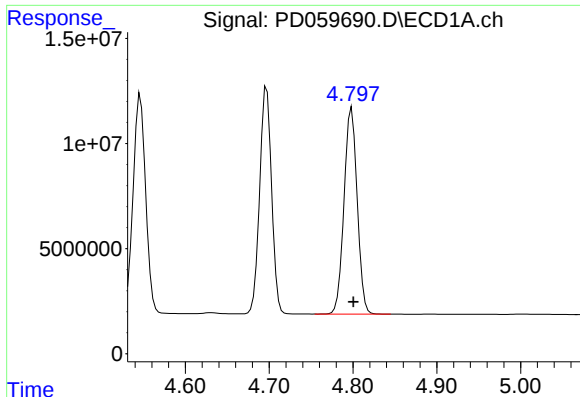
#4 Heptachlor

R.T.: 4.546 min  
Delta R.T.: -0.002 min  
Response: 108620578  
Conc: 50.66 ng/ml



#4 Heptachlor

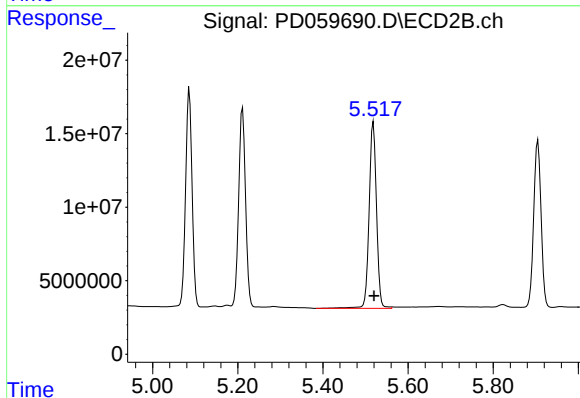
R.T.: 5.211 min  
Delta R.T.: -0.002 min  
Response: 152504184  
Conc: 50.73 ng/ml



#5 Aldrin

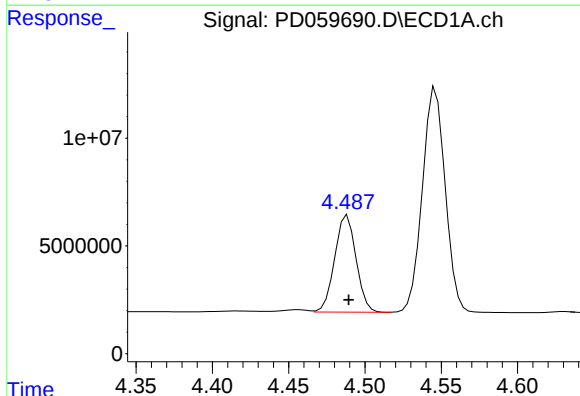
R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 107176290  
Conc: 53.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



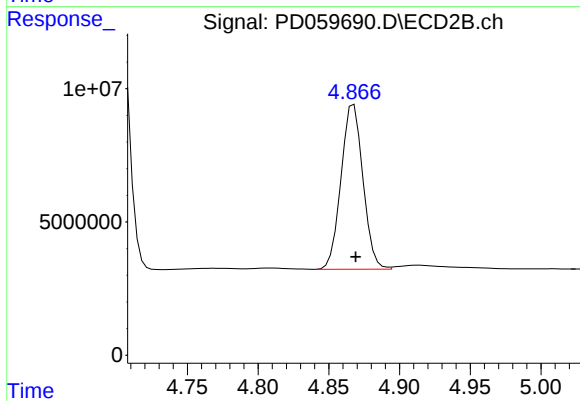
#5 Aldrin

R.T.: 5.518 min  
Delta R.T.: -0.002 min  
Response: 153242351  
Conc: 55.55 ng/ml



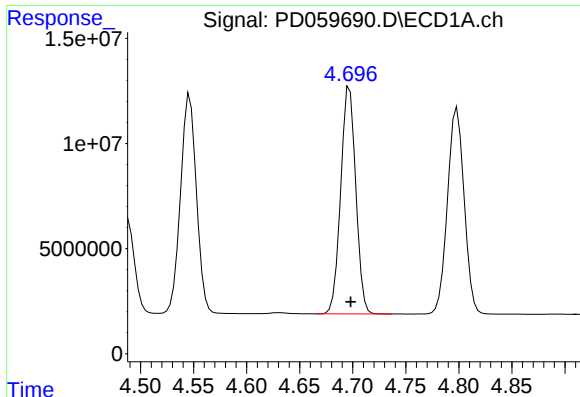
#6 beta-BHC

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 43880943  
Conc: 51.52 ng/ml



#6 beta-BHC

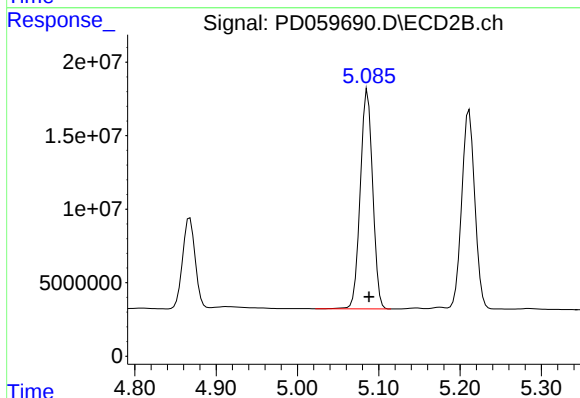
R.T.: 4.868 min  
Delta R.T.: -0.001 min  
Response: 66760401  
Conc: 53.57 ng/ml



#7 delta-BHC

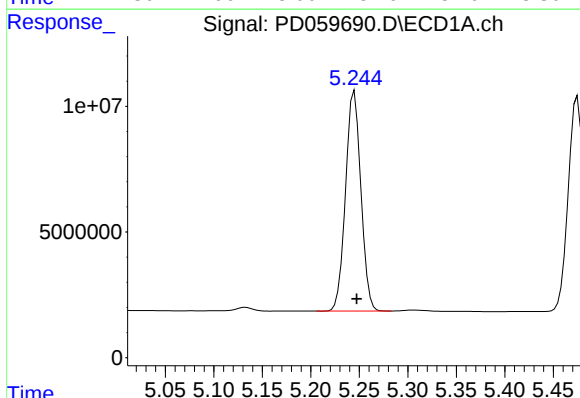
R.T.: 4.697 min  
Delta R.T.: 0.000 min  
Response: 106596378  
Conc: 53.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



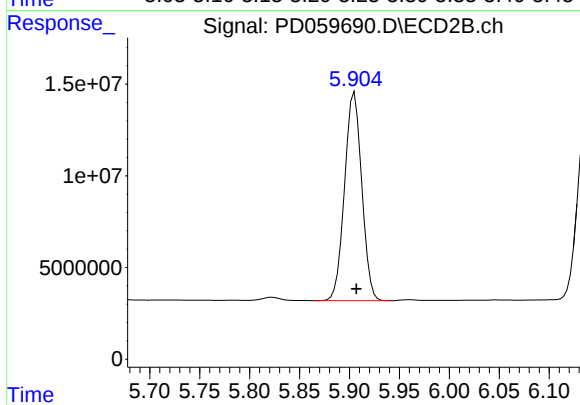
#7 delta-BHC

R.T.: 5.086 min  
Delta R.T.: -0.002 min  
Response: 157387906  
Conc: 57.24 ng/ml



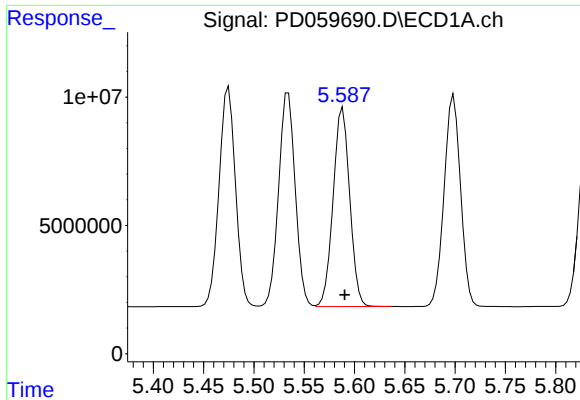
#8 Heptachlor epoxide

R.T.: 5.245 min  
Delta R.T.: -0.002 min  
Response: 96389383  
Conc: 54.32 ng/ml



#8 Heptachlor epoxide

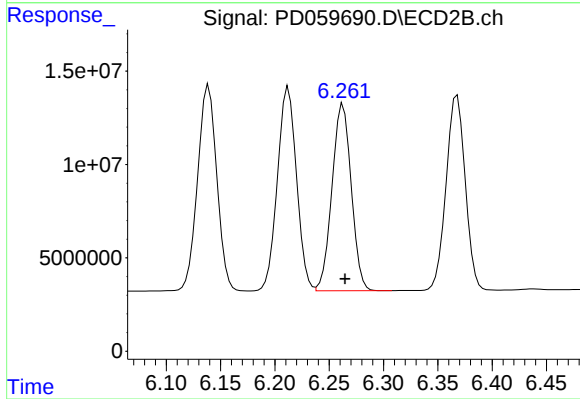
R.T.: 5.905 min  
Delta R.T.: -0.002 min  
Response: 136305927  
Conc: 53.24 ng/ml



#9 Endosulfan I

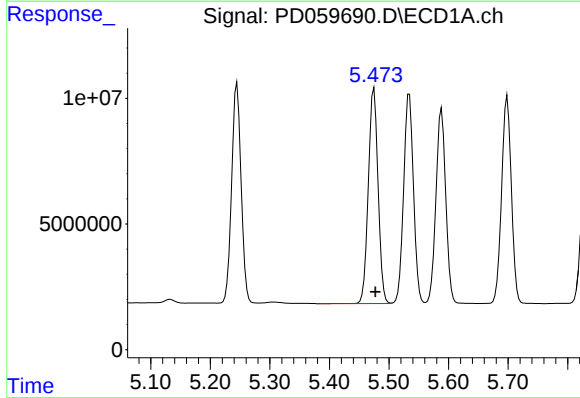
R.T.: 5.588 min  
Delta R.T.: -0.002 min  
Response: 88698734  
Conc: 54.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



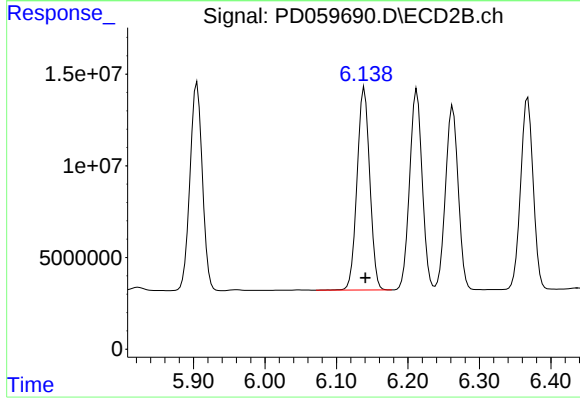
#9 Endosulfan I

R.T.: 6.263 min  
Delta R.T.: -0.002 min  
Response: 123259828  
Conc: 53.12 ng/ml



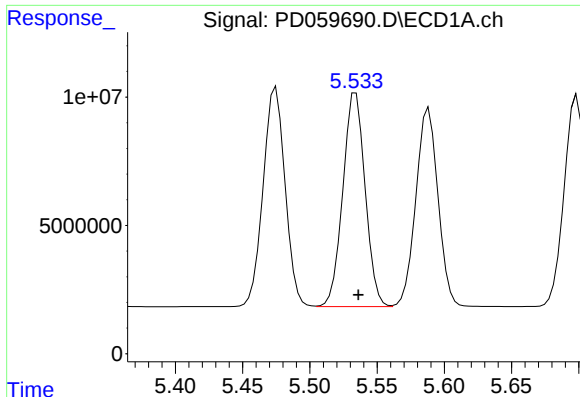
#10 gamma-Chlordane

R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 97232289  
Conc: 54.79 ng/ml



#10 gamma-Chlordane

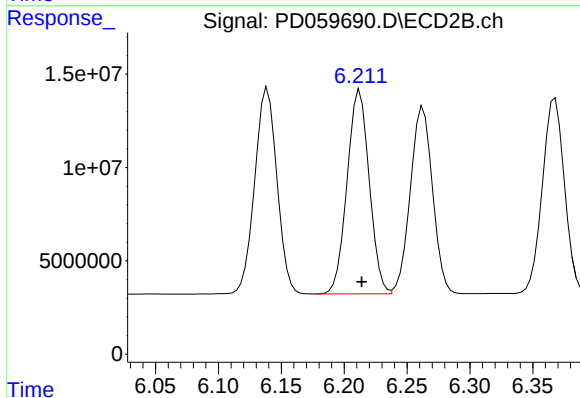
R.T.: 6.139 min  
Delta R.T.: -0.001 min  
Response: 136023430  
Conc: 54.32 ng/ml



#11 alpha-Chlordane

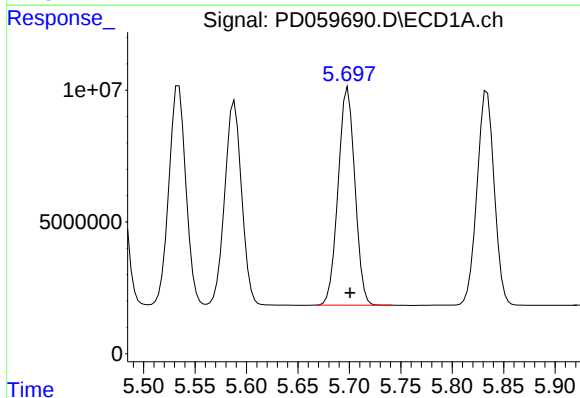
R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 95827945  
Conc: 54.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



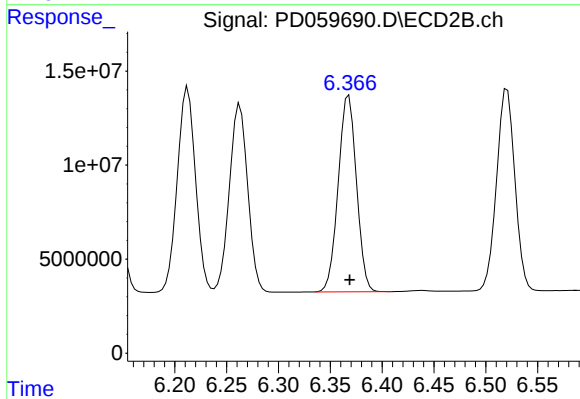
#11 alpha-Chlordane

R.T.: 6.213 min  
Delta R.T.: -0.001 min  
Response: 133883264  
Conc: 53.06 ng/ml



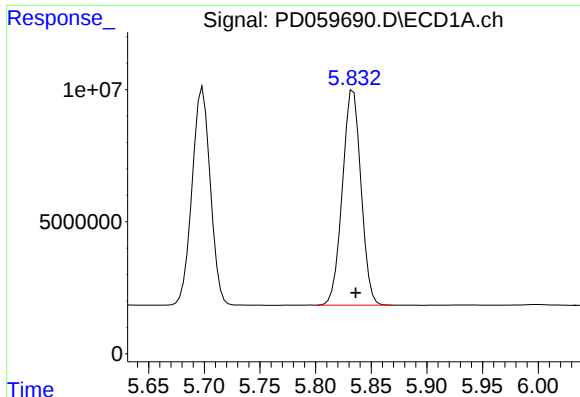
#12 4,4'-DDE

R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 93638529  
Conc: 55.22 ng/ml



#12 4,4'-DDE

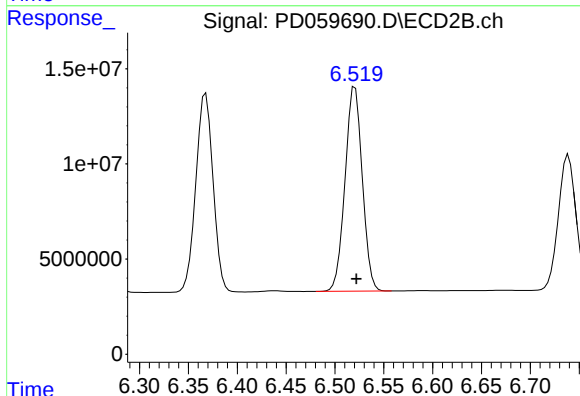
R.T.: 6.368 min  
Delta R.T.: -0.001 min  
Response: 127937263  
Conc: 53.88 ng/ml



#13 Dieldrin

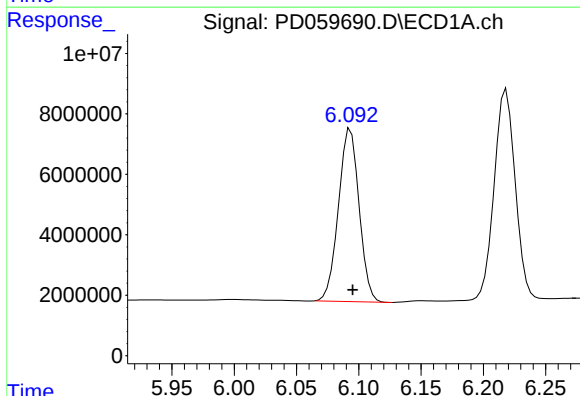
R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 94765158  
Conc: 55.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



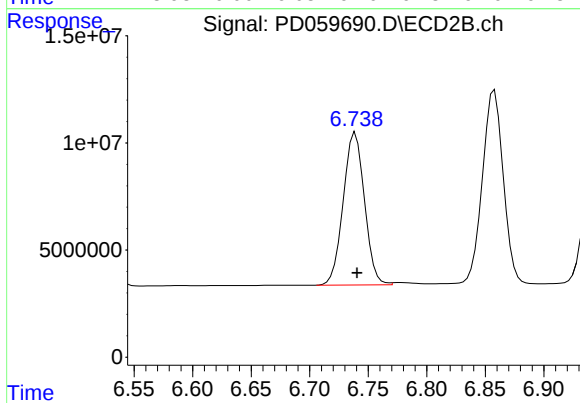
#13 Dieldrin

R.T.: 6.521 min  
Delta R.T.: -0.001 min  
Response: 132063546  
Conc: 53.41 ng/ml



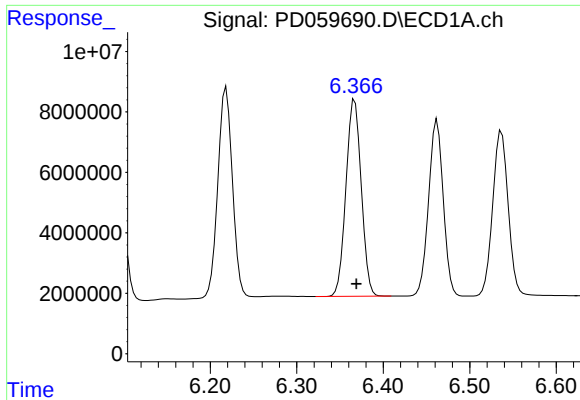
#14 Endrin

R.T.: 6.093 min  
Delta R.T.: -0.002 min  
Response: 66136815  
Conc: 44.81 ng/ml



#14 Endrin

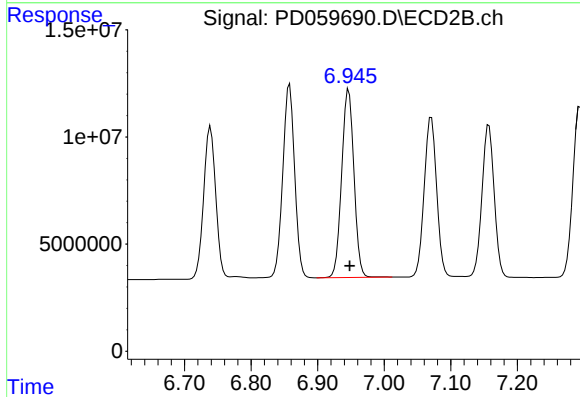
R.T.: 6.739 min  
Delta R.T.: -0.001 min  
Response: 89955755  
Conc: 42.75 ng/ml



#15 Endosulfan II

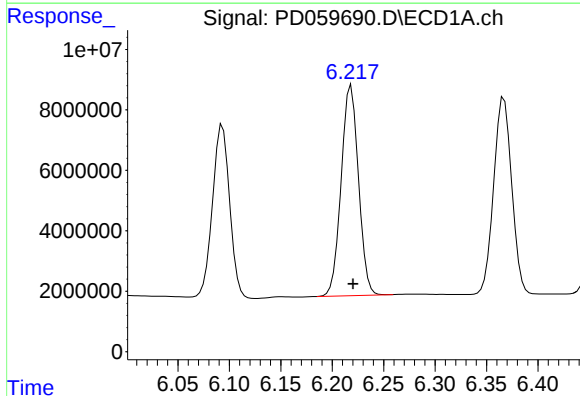
R.T.: 6.367 min  
Delta R.T.: -0.002 min  
Response: 79573174  
Conc: 54.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



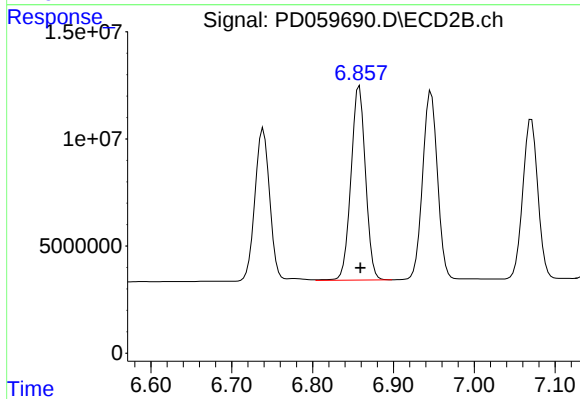
#15 Endosulfan II

R.T.: 6.947 min  
Delta R.T.: -0.001 min  
Response: 112295145  
Conc: 52.34 ng/ml



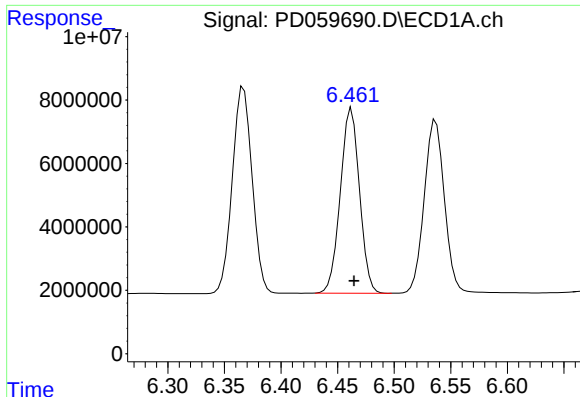
#16 4,4'-DDD

R.T.: 6.218 min  
Delta R.T.: -0.002 min  
Response: 81595644  
Conc: 58.40 ng/ml



#16 4,4'-DDD

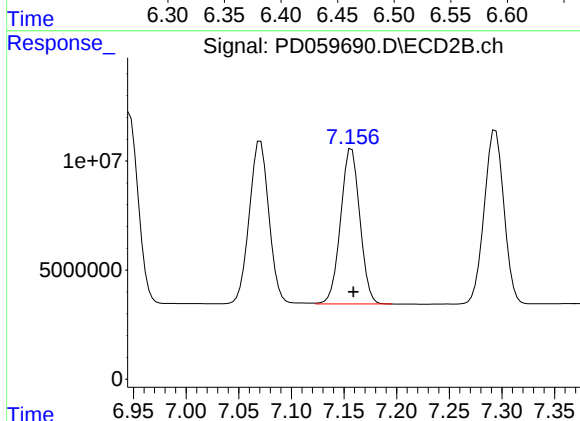
R.T.: 6.858 min  
Delta R.T.: -0.001 min  
Response: 113136555  
Conc: 55.86 ng/ml



#17 4,4'-DDT

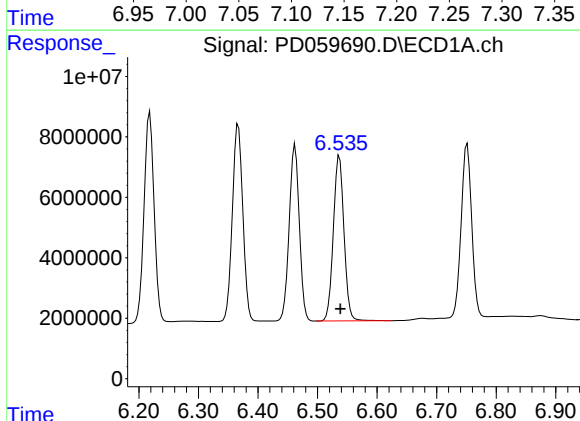
R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 68739219  
Conc: 45.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



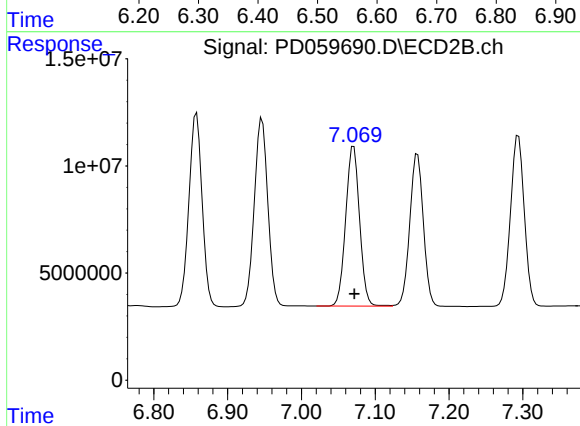
#17 4,4'-DDT

R.T.: 7.157 min  
Delta R.T.: -0.001 min  
Response: 90872974  
Conc: 46.36 ng/ml



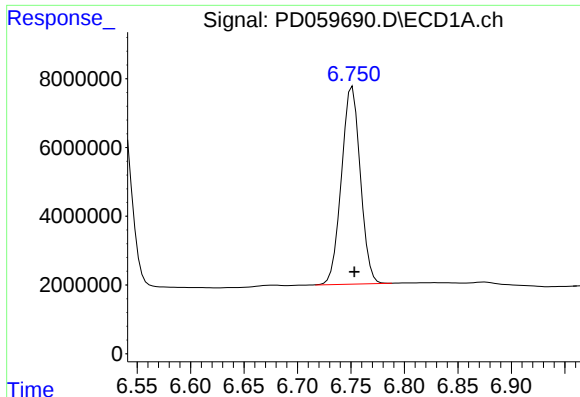
#18 Endrin aldehyde

R.T.: 6.537 min  
Delta R.T.: -0.002 min  
Response: 68124636  
Conc: 56.12 ng/ml



#18 Endrin aldehyde

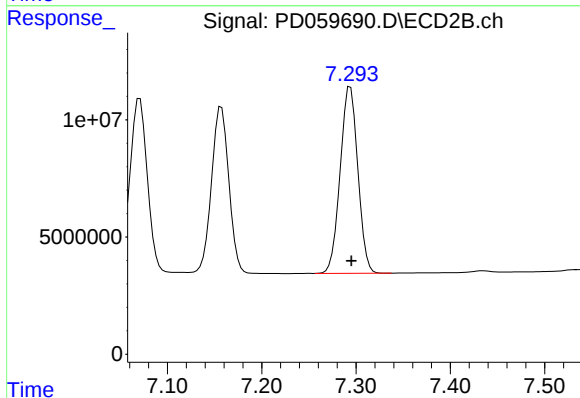
R.T.: 7.071 min  
Delta R.T.: -0.001 min  
Response: 97395088  
Conc: 55.26 ng/ml



#19 Endosulfan Sulfate

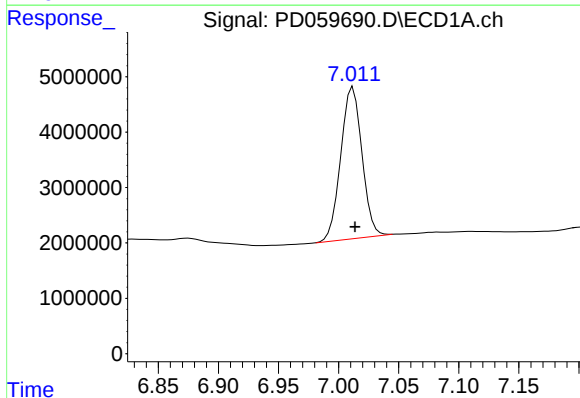
R.T.: 6.751 min  
Delta R.T.: -0.002 min  
Response: 70505601  
Conc: 54.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



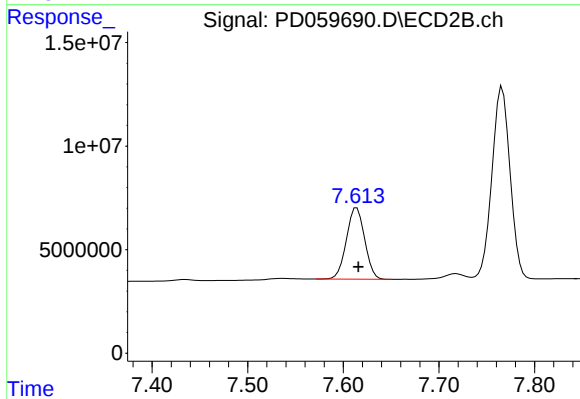
#19 Endosulfan Sulfate

R.T.: 7.294 min  
Delta R.T.: -0.001 min  
Response: 103682901  
Conc: 52.00 ng/ml



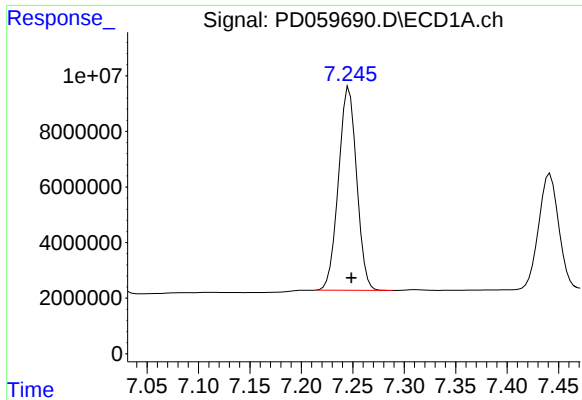
#20 Methoxychlor

R.T.: 7.012 min  
Delta R.T.: -0.002 min  
Response: 33686927  
Conc: 44.91 ng/ml



#20 Methoxychlor

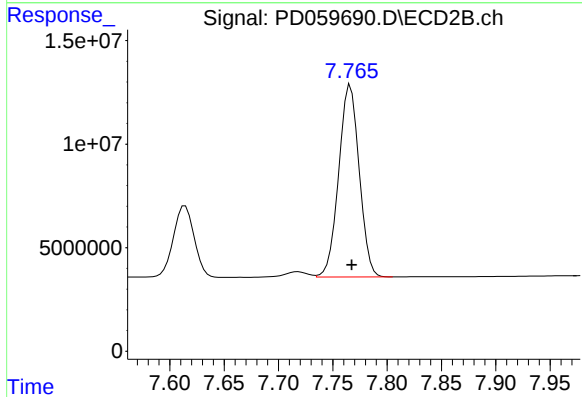
R.T.: 7.614 min  
Delta R.T.: -0.002 min  
Response: 46023173  
Conc: 43.85 ng/ml



#21 Endrin ketone

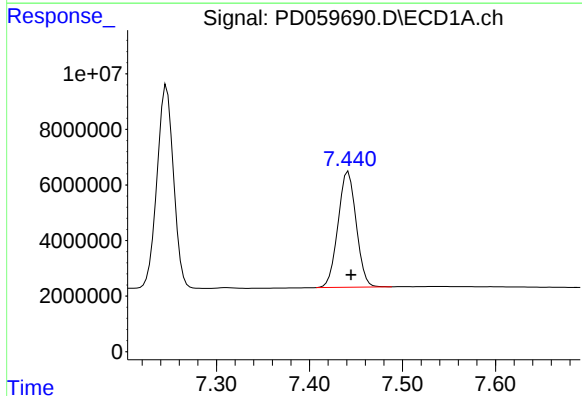
R.T.: 7.246 min  
Delta R.T.: -0.002 min  
Response: 89876653  
Conc: 60.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



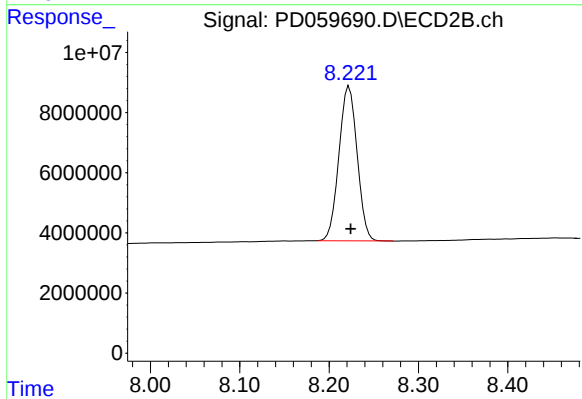
#21 Endrin ketone

R.T.: 7.766 min  
Delta R.T.: -0.001 min  
Response: 122034679  
Conc: 57.07 ng/ml



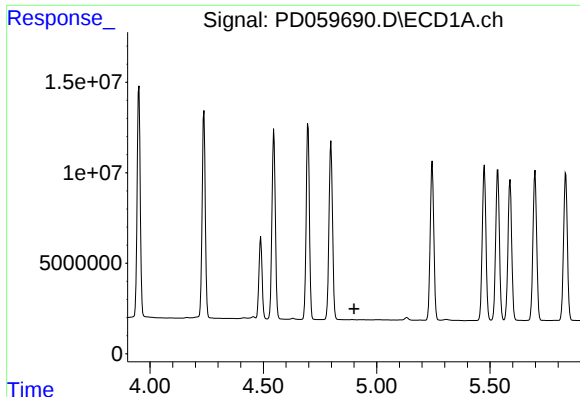
#22 Mirex

R.T.: 7.442 min  
Delta R.T.: -0.003 min  
Response: 56495944  
Conc: 53.20 ng/ml



#22 Mirex

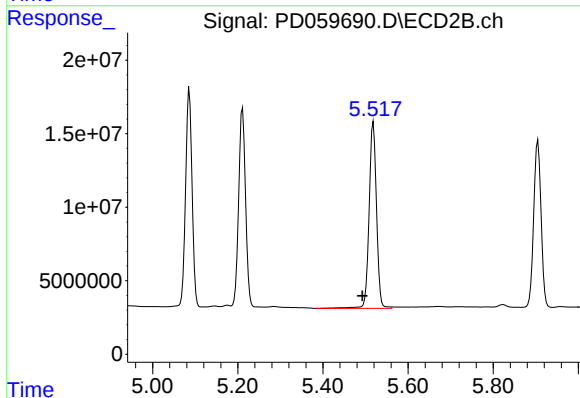
R.T.: 8.223 min  
Delta R.T.: -0.002 min  
Response: 72833787  
Conc: 52.13 ng/ml



#24 Chlordane-2

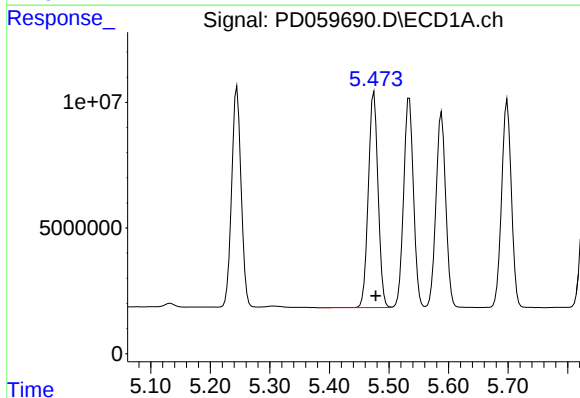
R.T.: 0.000 min  
Exp R.T.: 4.901 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



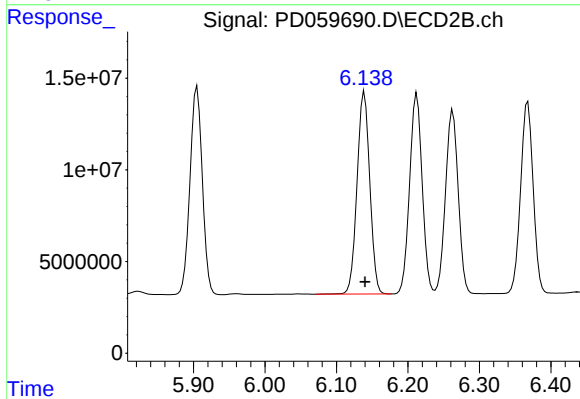
#24 Chlordane-2

R.T.: 5.518 min  
Delta R.T.: 0.025 min  
Response: 153242351  
Conc: 1927.39 ng/ml



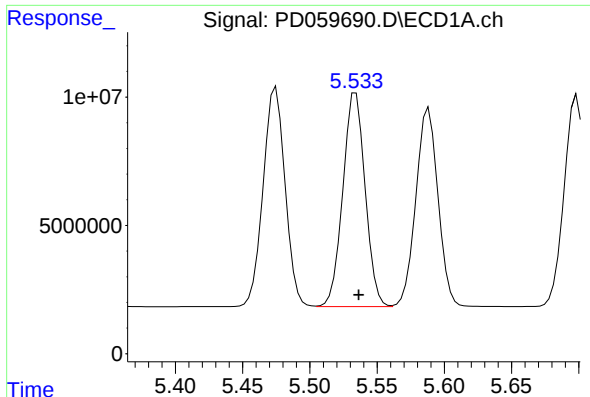
#25 Chlordane-3

R.T.: 5.475 min  
Delta R.T.: -0.003 min  
Response: 97232289  
Conc: 615.01 ng/ml



#25 Chlordane-3

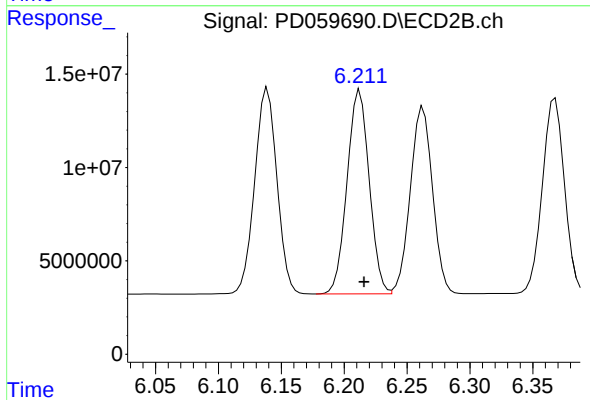
R.T.: 6.139 min  
Delta R.T.: -0.001 min  
Response: 136023430  
Conc: 431.07 ng/ml



#26 Chlordane-4

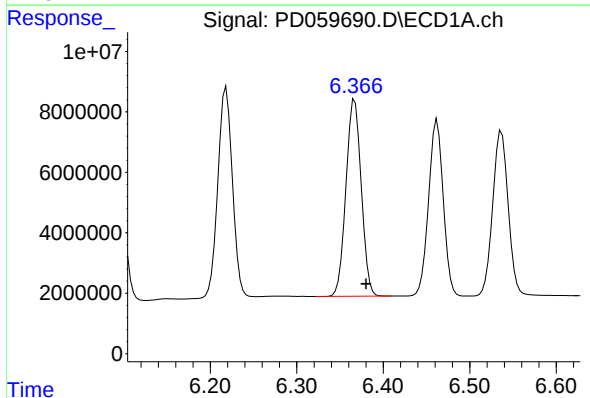
R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 95827945  
Conc: 756.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



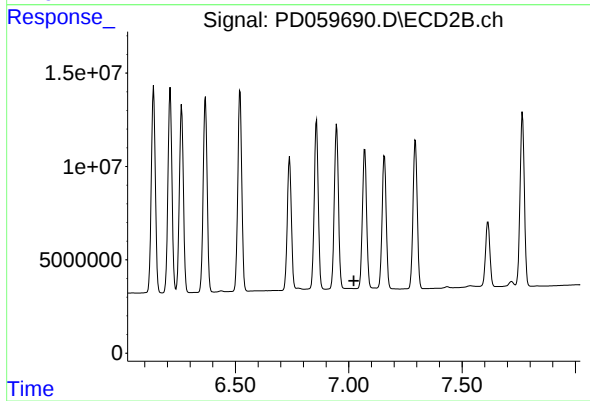
#26 Chlordane-4

R.T.: 6.213 min  
Delta R.T.: -0.003 min  
Response: 133883264  
Conc: 356.29 ng/ml



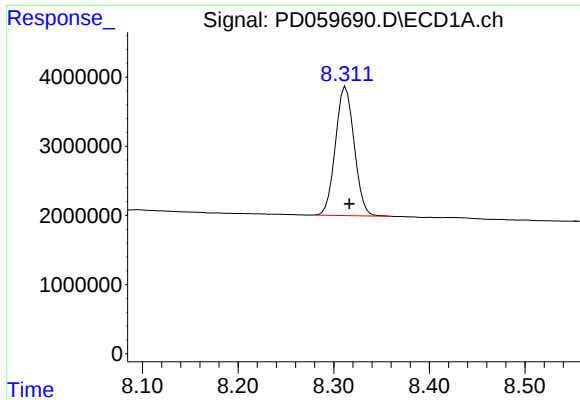
#27 Chlordane-5

R.T.: 6.367 min  
Delta R.T.: -0.013 min  
Response: 79573174  
Conc: 1509.22 ng/ml



#27 Chlordane-5

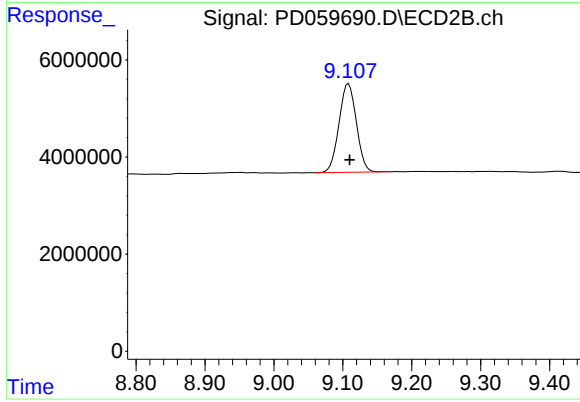
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.313 min  
Delta R.T.: -0.004 min  
Response: 25360967  
Conc: 22.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: -0.002 min  
Response: 31978908  
Conc: 19.85 ng/ml