

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
 Data File : PD061529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 17:31  
 Operator : AR\AJ  
 Sample : M1458-02  
 Misc : PEST LOQ 5 PPB  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 04:46:49 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  | 3.982  | 15571245 | 160.7E6  | 19.426  | 19.264    |
| 28)                         | SA Decachlor... | 8.257  | 9.037  | 24843316 | 176.4E6  | 20.601  | 20.440    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.925  | 4.370  | 5457794  | 58250457 | 4.429   | 4.494     |
| 3)                          | MA gamma-BHC... | 4.210  | 4.654  | 5545487  | 54270710 | 4.711   | 4.473     |
| 4)                          | MA Heptachlor   | 4.514  | 5.163  | 5789614  | 64218627 | 4.667   | 5.041     |
| 5)                          | MB Aldrin       | 4.763  | 5.467  | 5548804  | 62429417 | 4.737   | 5.220     |
| 6)                          | B beta-BHC      | 4.461  | 4.824  | 2379455  | 23884000 | 4.500   | 4.898     |
| 7)                          | B delta-BHC     | 4.666  | 5.039  | 2396947  | 35766408 | 2.028   | 2.982 #   |
| 8)                          | B Heptachlo...  | 5.207  | 5.853  | 5710275  | 60790111 | 5.024   | 5.586     |
| 9)                          | A Endosulfan I  | 5.547  | 6.209  | 5684060  | 56727154 | 5.232   | 5.453     |
| 10)                         | B gamma-Chl...  | 5.435  | 6.086  | 5811044  | 59672014 | 4.993   | 5.277     |
| 11)                         | B alpha-Chl...  | 5.493  | 6.159  | 5715457  | 56682331 | 4.938   | 5.199     |
| 12)                         | B 4,4'-DDE      | 5.656  | 6.315  | 5227614  | 57153605 | 4.760   | 5.146     |
| 13)                         | MA Dieldrin     | 5.791  | 6.466  | 5410419  | 58892488 | 4.714   | 5.330     |
| 14)                         | MA Endrin       | 6.050  | 6.683  | 5335086  | 47021242 | 5.052   | 5.016     |
| 15)                         | B Endosulfa...  | 6.323  | 6.891  | 6797161  | 50137343 | 6.801   | 5.607     |
| 16)                         | A 4,4'-DDD      | 6.173  | 6.804  | 4264915  | 48631158 | 4.590   | 5.432     |
| 17)                         | MA 4,4'-DDT     | 6.416  | 7.102  | 5508299  | 58808065 | 5.540   | 6.358     |
| 18)                         | B Endrin al...  | 6.492  | 7.015  | 4746840  | 47173375 | 5.747   | 6.567     |
| 19)                         | B Endosulfa...  | 6.704  | 7.238  | 5254180  | 45131720 | 5.054   | 4.900     |
| 20)                         | A Methoxychlor  | 6.962  | 7.560  | 2641144  | 25032209 | 4.685   | 5.411     |
| 21)                         | B Endrin ke...  | 7.199  | 7.707  | 5881220  | 52840171 | 4.760   | 5.728     |
| 22)                         | Mirex           | 7.390  | 8.162  | 7722893  | 48346989 | 7.789   | 7.960     |
| 23)                         | Chlordane-1     | 4.389f | 4.981  | 60039    | 4118920  | 1.663   | 9.940 #   |
| 24)                         | Chlordane-2     | 0.000  | 5.467f | 0        | 62429417 | N.D.    | 155.254 # |
| 25)                         | Chlordane-3     | 5.435  | 6.086  | 5811044  | 59672014 | 46.348  | 34.290 #  |
| 26)                         | Chlordane-4     | 5.493  | 6.159  | 5715457  | 56682331 | 54.763  | 28.107 #  |
| 27)                         | Chlordane-5     | 6.323  | 0.000  | 6797161  | 0        | 140.343 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

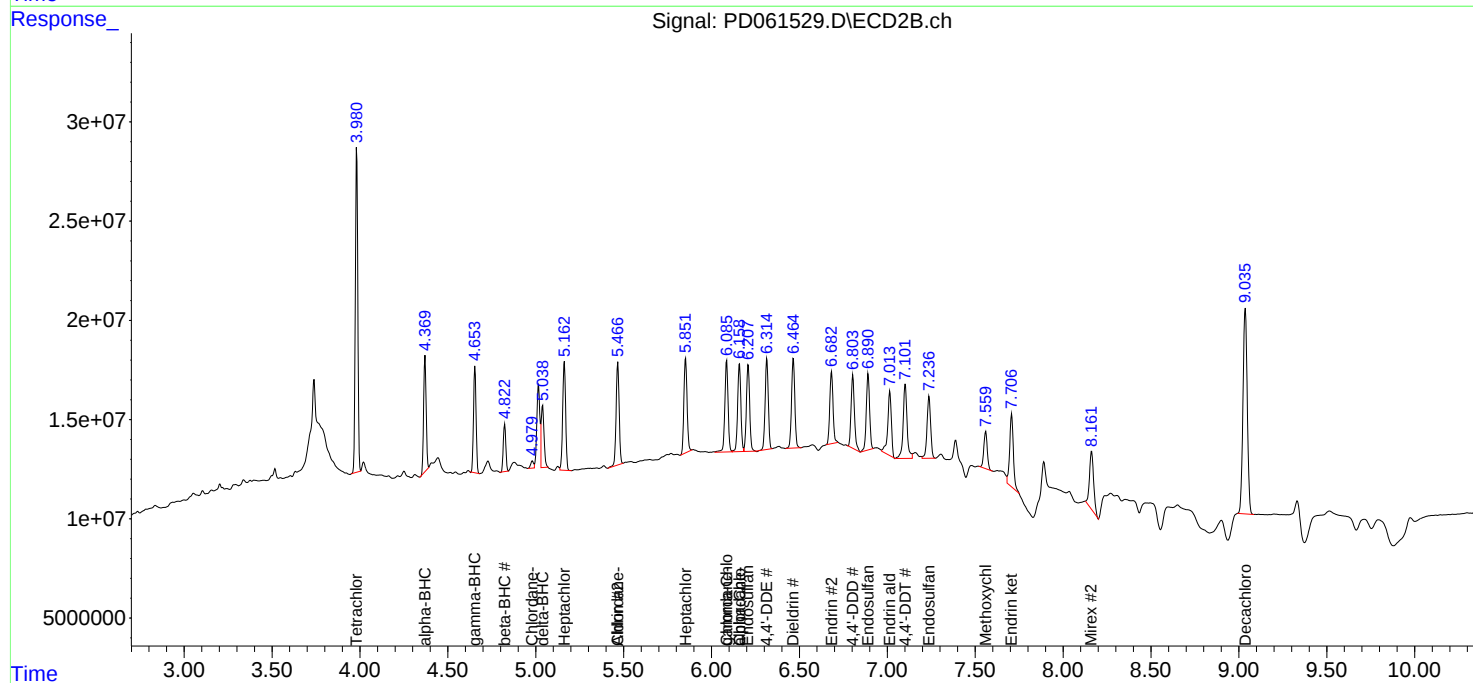
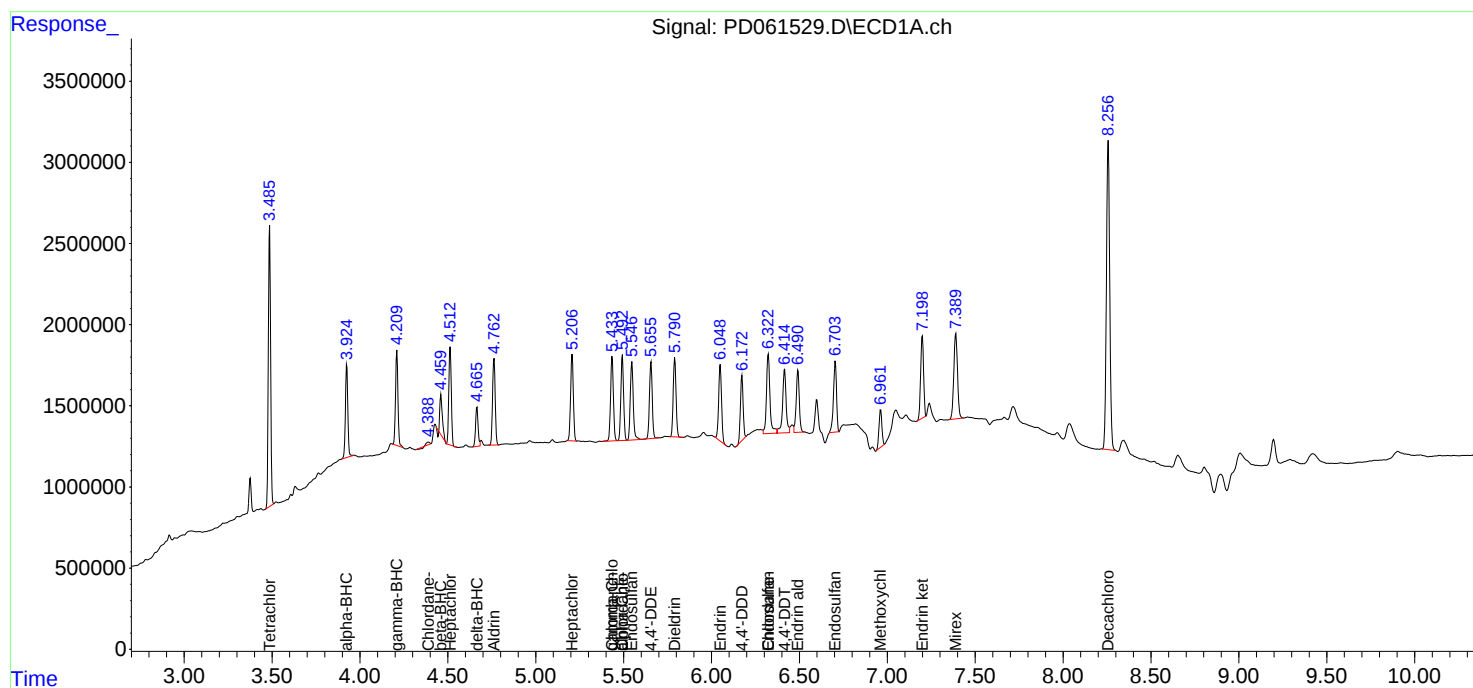
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

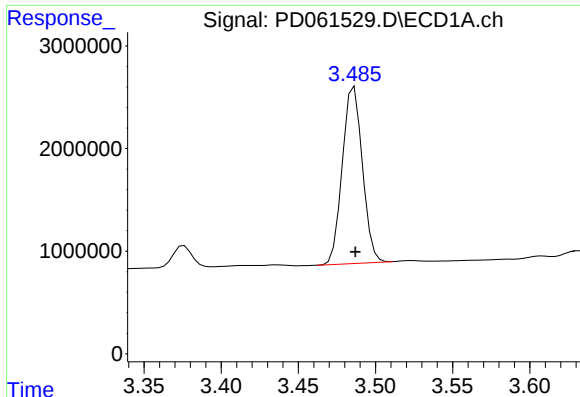
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
 Data File : PD061529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 17:31  
 Operator : AR\AJ  
 Sample : M1458-02  
 Misc : PEST LOQ 5 PPB  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampled :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 04:46:49 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

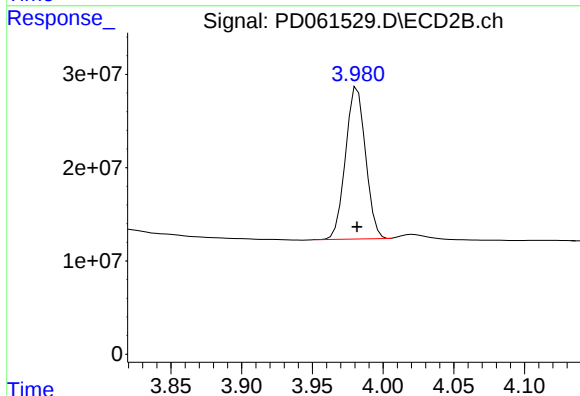




#1 Tetrachloro-m-xylene

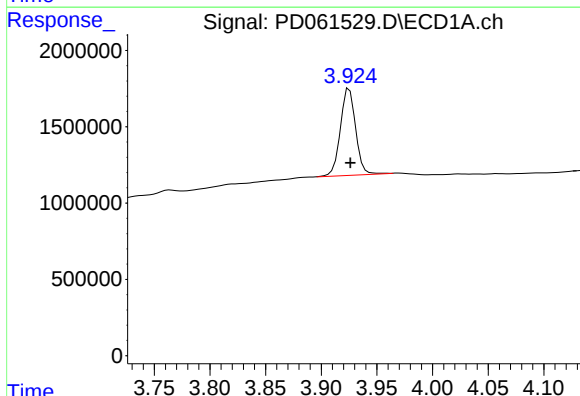
R.T.: 3.486 min  
Delta R.T.: 0.000 min  
Response: 15571245  
Conc: 19.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



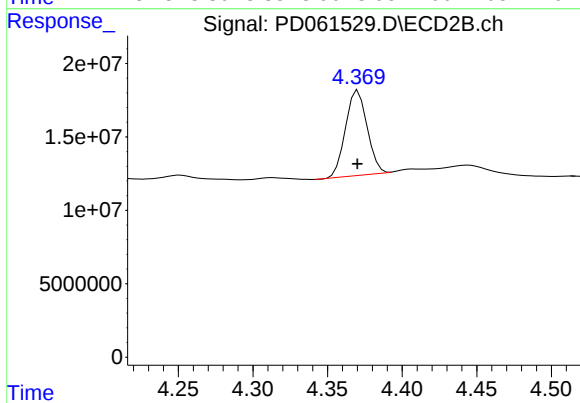
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 160723453  
Conc: 19.26 ng/ml



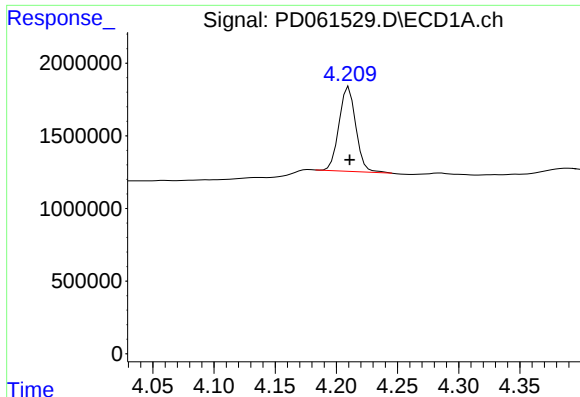
#2 alpha-BHC

R.T.: 3.925 min  
Delta R.T.: 0.000 min  
Response: 5457794  
Conc: 4.43 ng/ml



#2 alpha-BHC

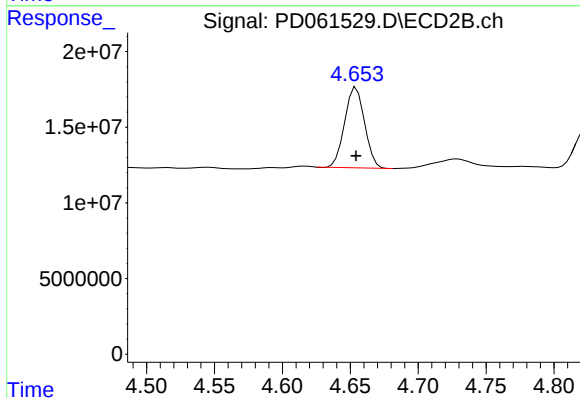
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 58250457  
Conc: 4.49 ng/ml



#3 gamma-BHC (Lindane)

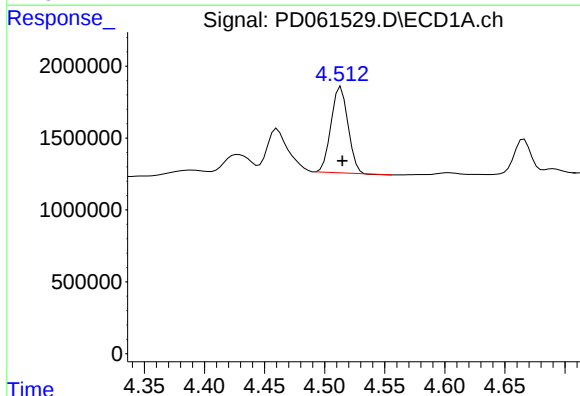
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 5545487  
Conc: 4.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



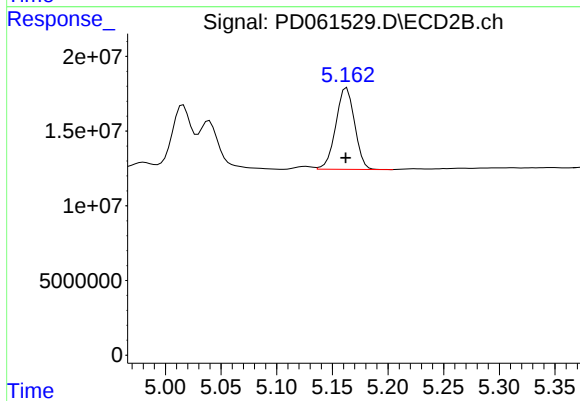
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 54270710  
Conc: 4.47 ng/ml



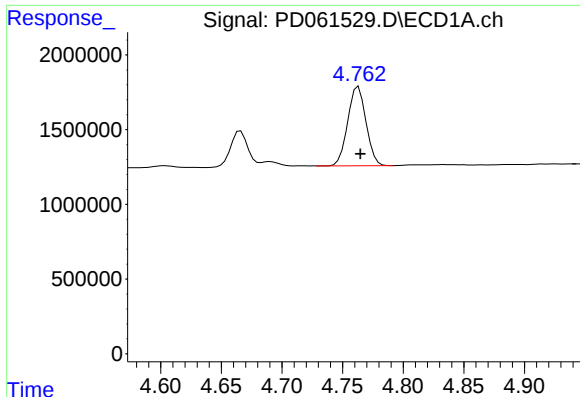
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: -0.001 min  
Response: 5789614  
Conc: 4.67 ng/ml



#4 Heptachlor

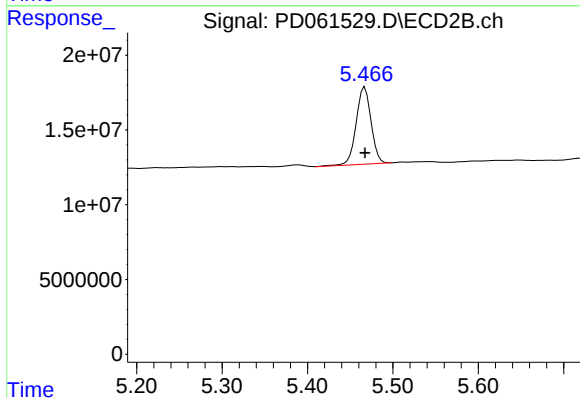
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 64218627  
Conc: 5.04 ng/ml



#5 Aldrin

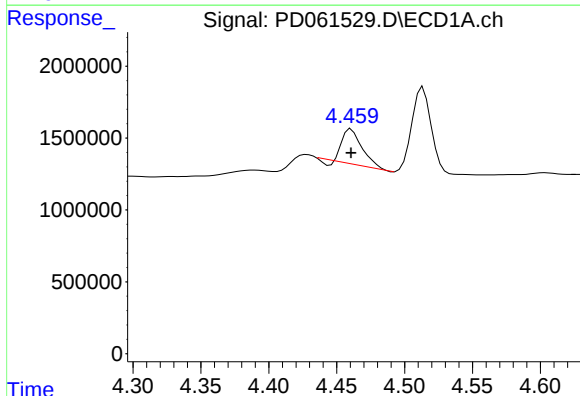
R.T.: 4.763 min  
Delta R.T.: -0.001 min  
Response: 5548804  
Conc: 4.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



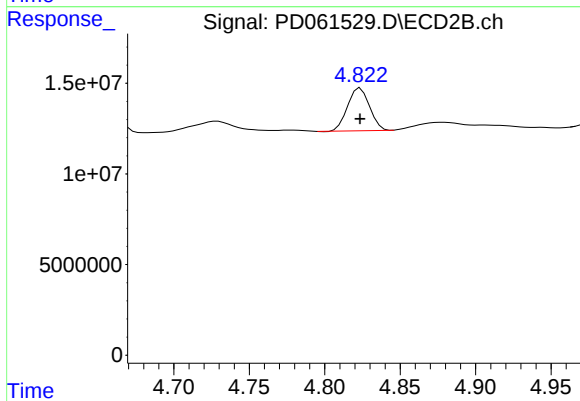
#5 Aldrin

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 62429417  
Conc: 5.22 ng/ml



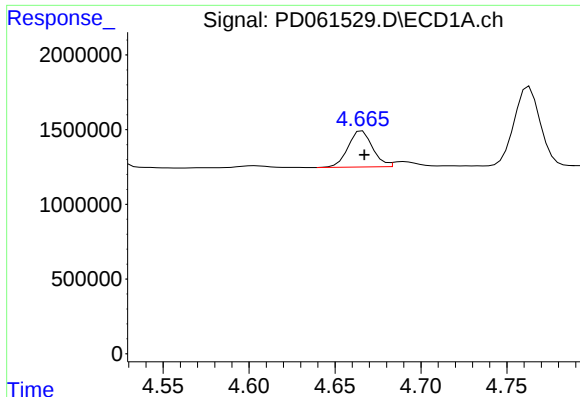
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 2379455  
Conc: 4.50 ng/ml



#6 beta-BHC

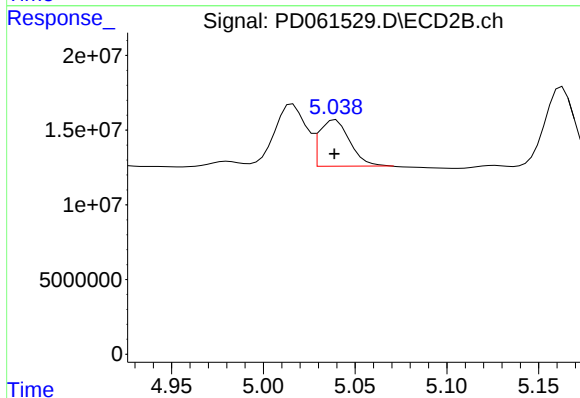
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 23884000  
Conc: 4.90 ng/ml



#7 delta-BHC

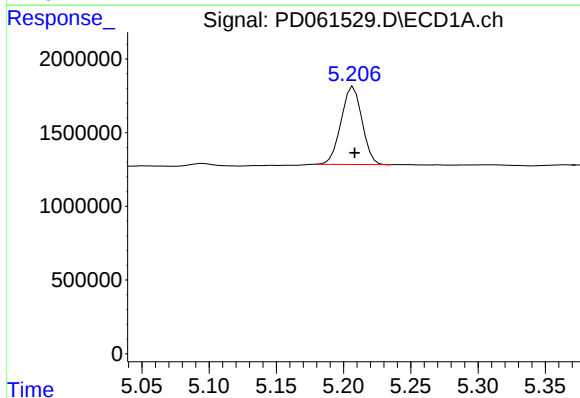
R.T.: 4.666 min  
Delta R.T.: -0.001 min  
Response: 2396947  
Conc: 2.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



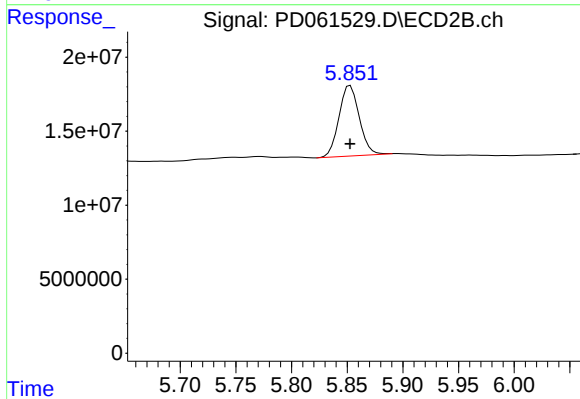
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 35766408  
Conc: 2.98 ng/ml



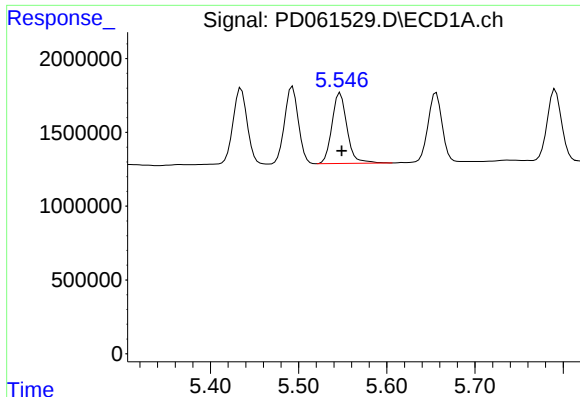
#8 Heptachlor epoxide

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 5710275  
Conc: 5.02 ng/ml



#8 Heptachlor epoxide

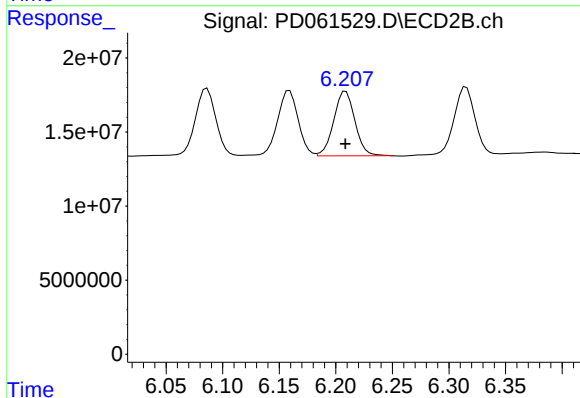
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 60790111  
Conc: 5.59 ng/ml



#9 Endosulfan I

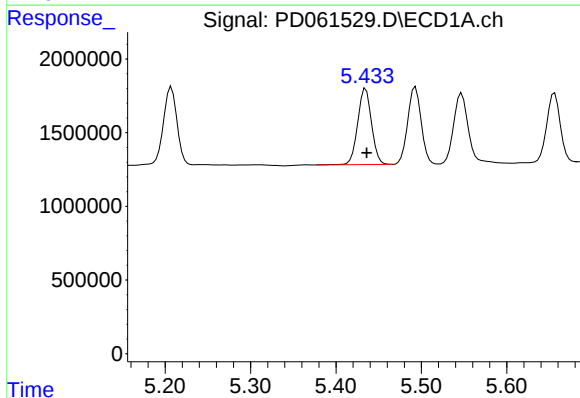
R.T.: 5.547 min  
Delta R.T.: -0.002 min  
Response: 5684060  
Conc: 5.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



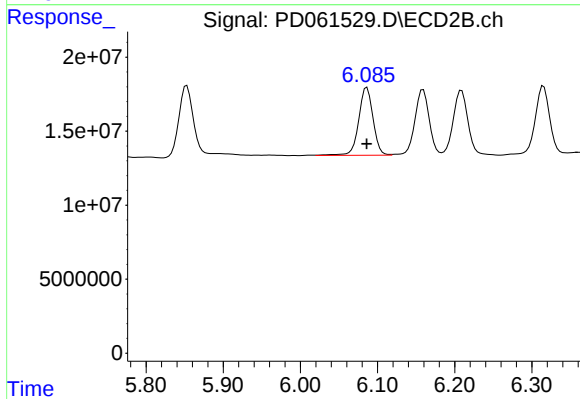
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 56727154  
Conc: 5.45 ng/ml



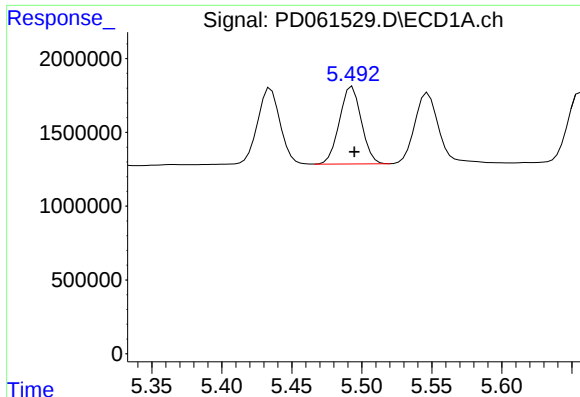
#10 gamma-Chlordane

R.T.: 5.435 min  
Delta R.T.: -0.001 min  
Response: 5811044  
Conc: 4.99 ng/ml



#10 gamma-Chlordane

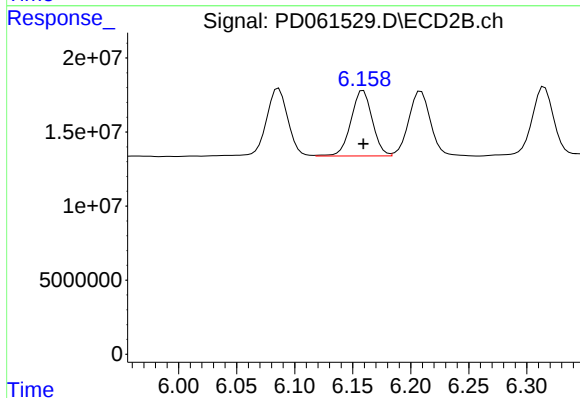
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 59672014  
Conc: 5.28 ng/ml



#11 alpha-Chlordane

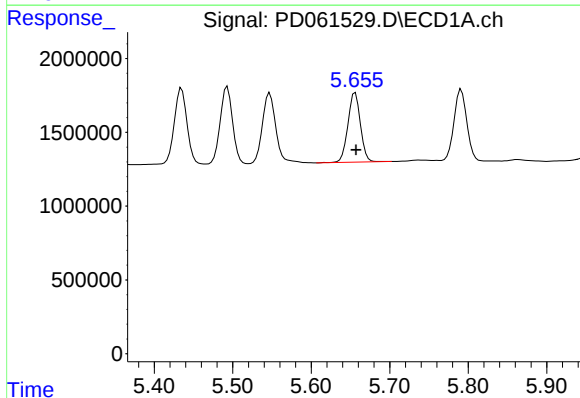
R.T.: 5.493 min  
Delta R.T.: -0.002 min  
Response: 5715457  
Conc: 4.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



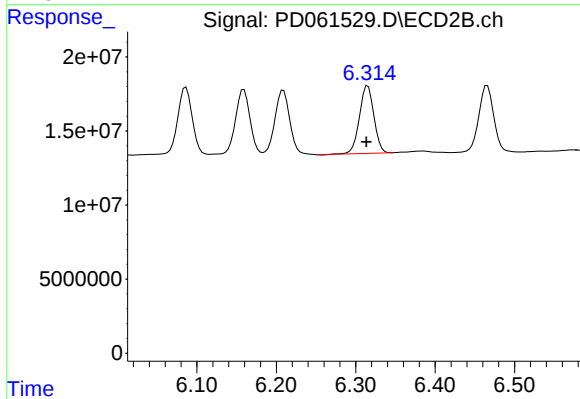
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 56682331  
Conc: 5.20 ng/ml



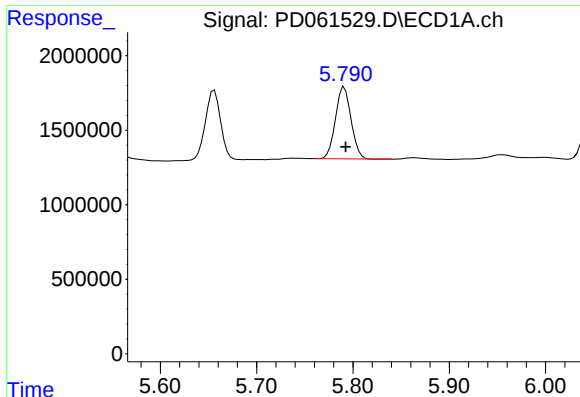
#12 4,4'-DDE

R.T.: 5.656 min  
Delta R.T.: -0.001 min  
Response: 5227614  
Conc: 4.76 ng/ml



#12 4,4'-DDE

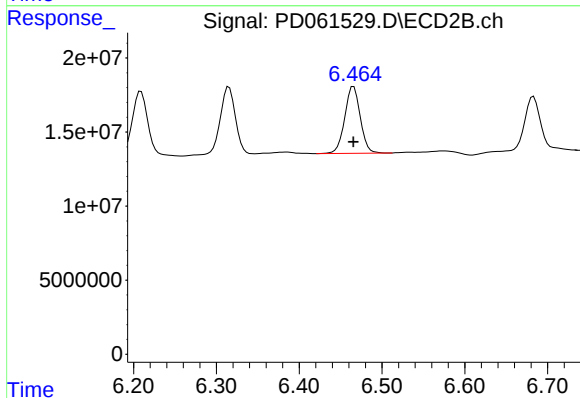
R.T.: 6.315 min  
Delta R.T.: 0.002 min  
Response: 57153605  
Conc: 5.15 ng/ml



#13 Dieldrin

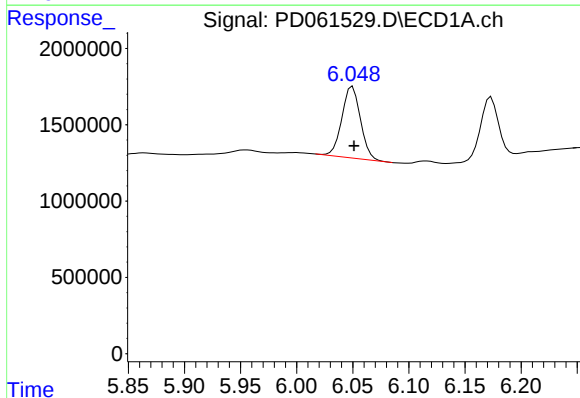
R.T.: 5.791 min  
Delta R.T.: -0.001 min  
Response: 5410419  
Conc: 4.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



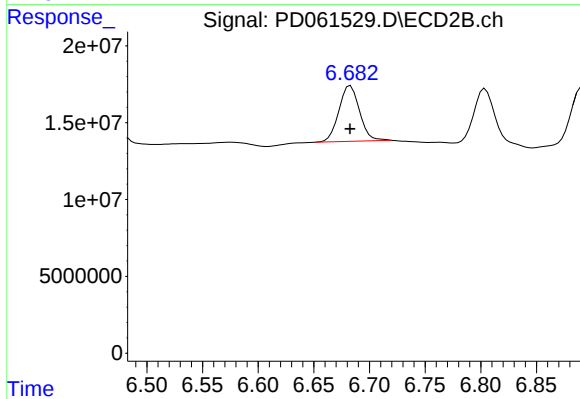
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 58892488  
Conc: 5.33 ng/ml



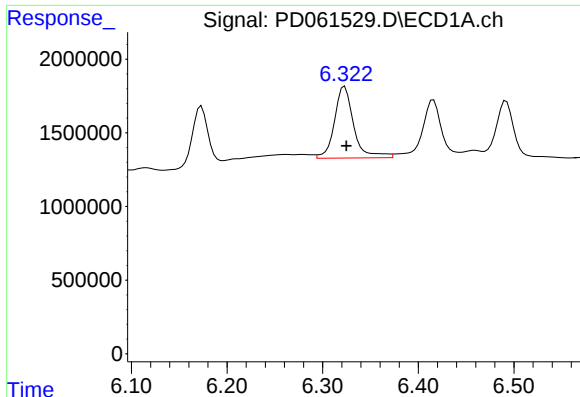
#14 Endrin

R.T.: 6.050 min  
Delta R.T.: -0.001 min  
Response: 5335086  
Conc: 5.05 ng/ml



#14 Endrin

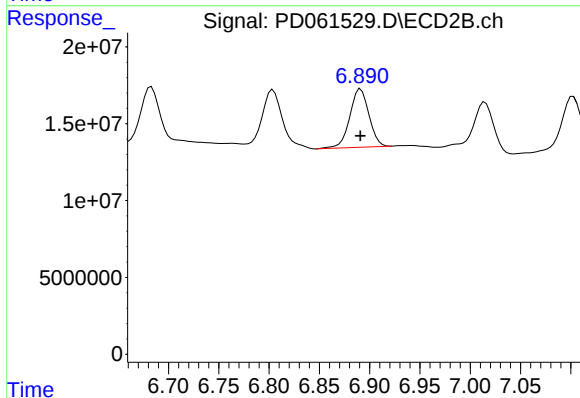
R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 47021242  
Conc: 5.02 ng/ml



#15 Endosulfan II

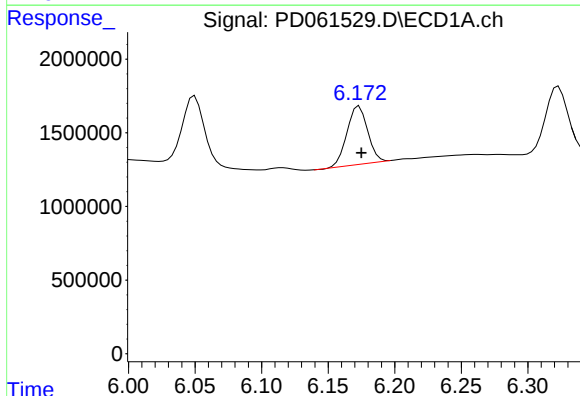
R.T.: 6.323 min  
Delta R.T.: -0.002 min  
Response: 6797161  
Conc: 6.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



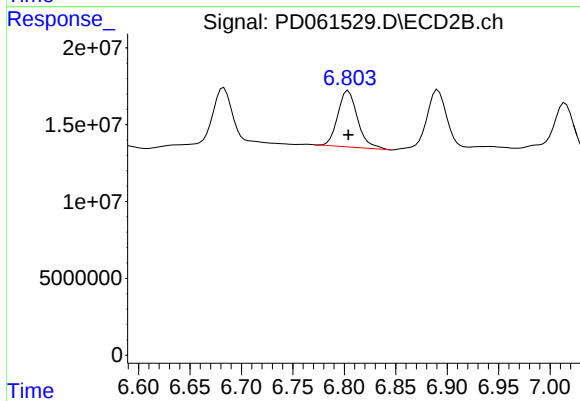
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: 0.000 min  
Response: 50137343  
Conc: 5.61 ng/ml



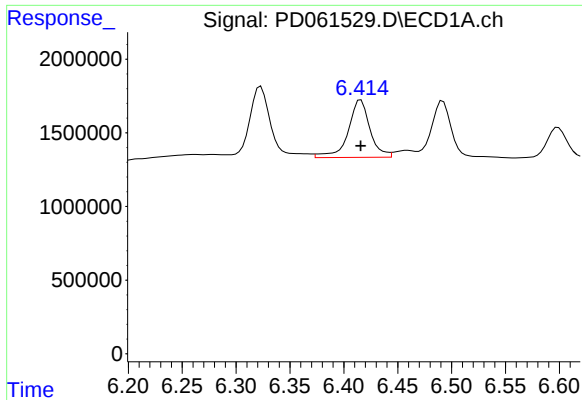
#16 4,4'-DDD

R.T.: 6.173 min  
Delta R.T.: -0.002 min  
Response: 4264915  
Conc: 4.59 ng/ml



#16 4,4'-DDD

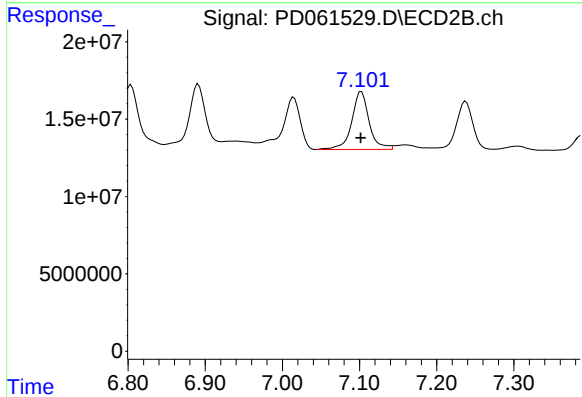
R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 48631158  
Conc: 5.43 ng/ml



#17 4,4'-DDT

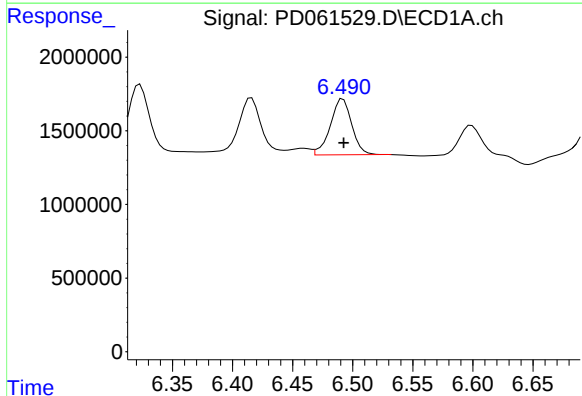
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 5508299  
Conc: 5.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



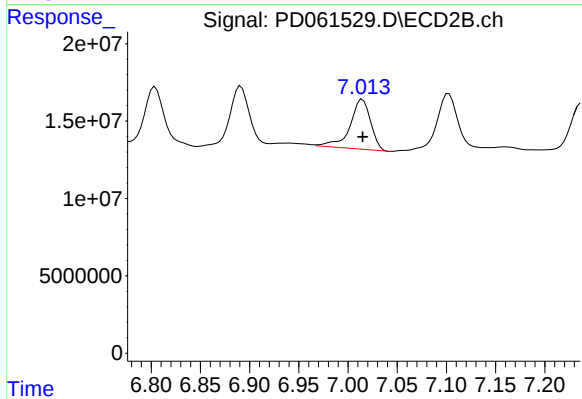
#17 4,4'-DDT

R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 58808065  
Conc: 6.36 ng/ml



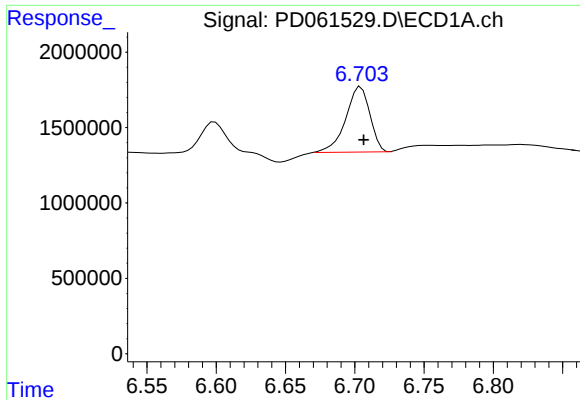
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 4746840  
Conc: 5.75 ng/ml



#18 Endrin aldehyde

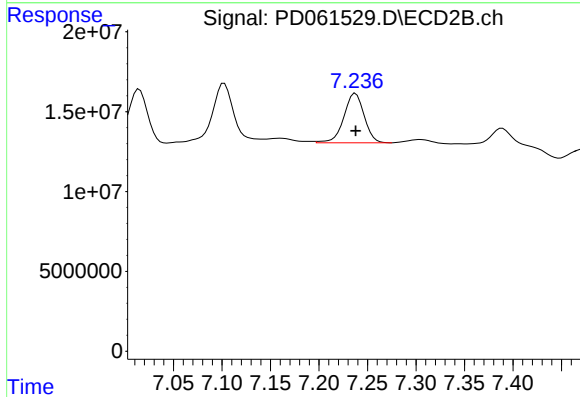
R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 47173375  
Conc: 6.57 ng/ml



#19 Endosulfan Sulfate

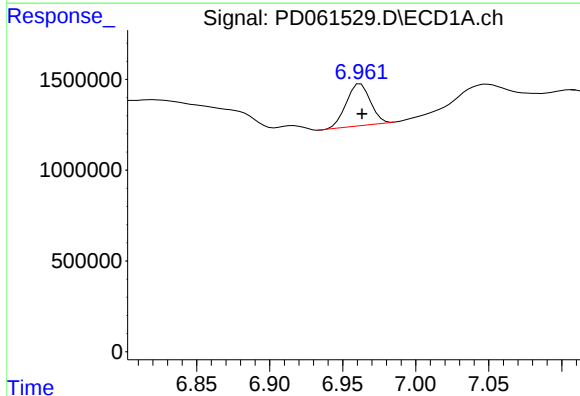
R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 5254180  
Conc: 5.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



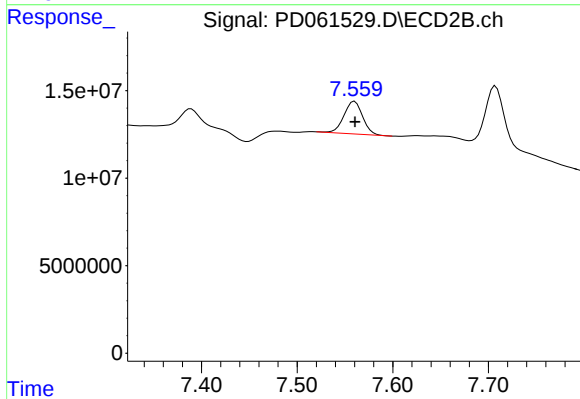
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 45131720  
Conc: 4.90 ng/ml



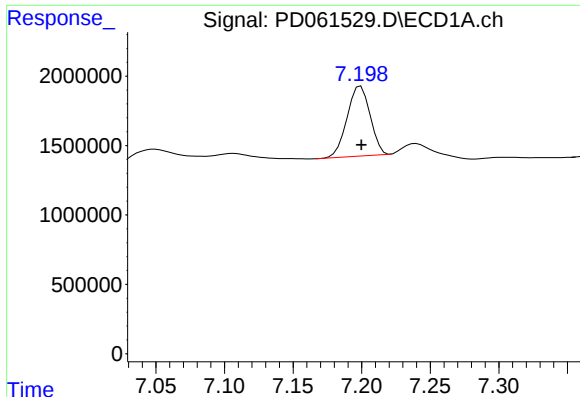
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: -0.001 min  
Response: 2641144  
Conc: 4.69 ng/ml



#20 Methoxychlor

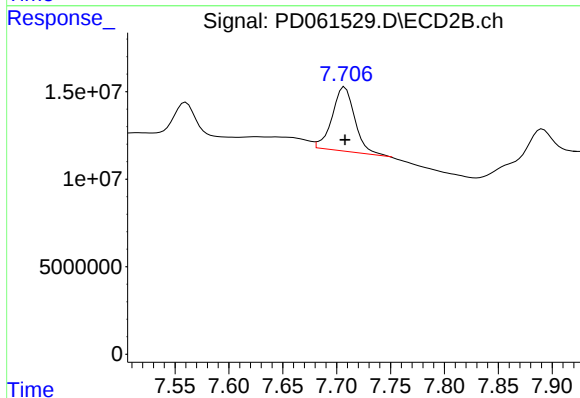
R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 25032209  
Conc: 5.41 ng/ml



#21 Endrin ketone

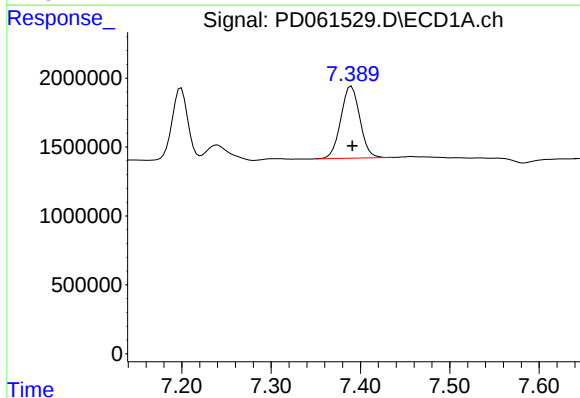
R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 5881220  
Conc: 4.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



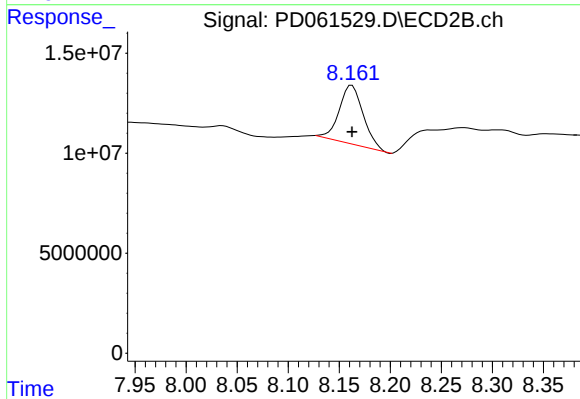
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: 0.000 min  
Response: 52840171  
Conc: 5.73 ng/ml



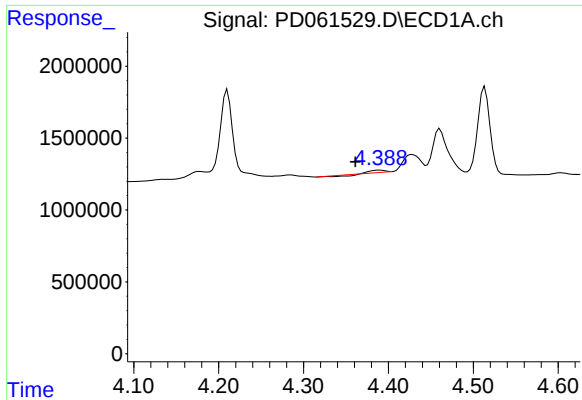
#22 Mirex

R.T.: 7.390 min  
Delta R.T.: -0.001 min  
Response: 7722893  
Conc: 7.79 ng/ml



#22 Mirex

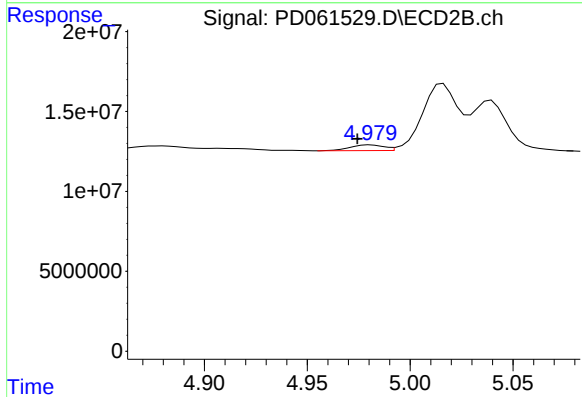
R.T.: 8.162 min  
Delta R.T.: 0.000 min  
Response: 48346989  
Conc: 7.96 ng/ml



#23 Chlordane-1

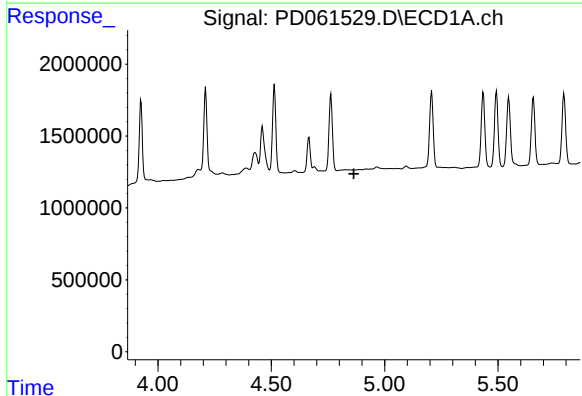
R.T.: 4.389 min  
Delta R.T.: 0.028 min  
Response: 60039  
Conc: 1.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



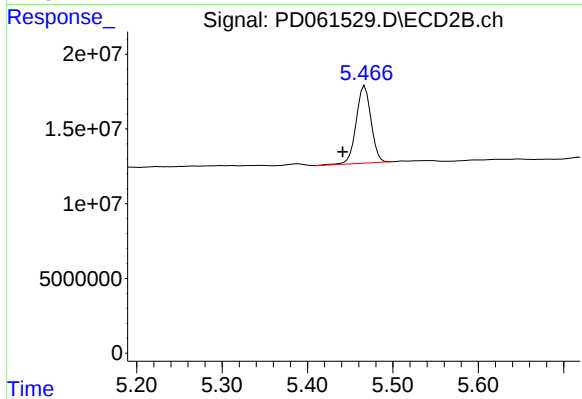
#23 Chlordane-1

R.T.: 4.981 min  
Delta R.T.: 0.007 min  
Response: 4118920  
Conc: 9.94 ng/ml



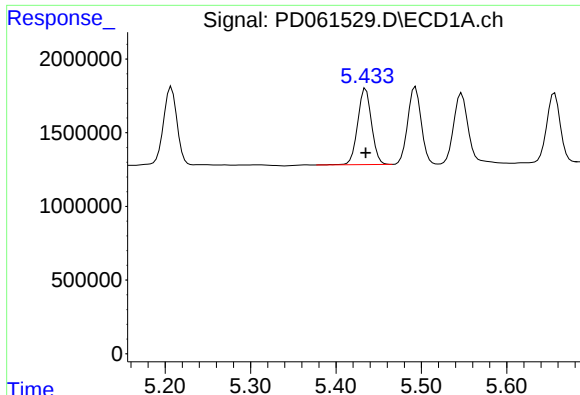
#24 Chlordane-2

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



#24 Chlordane-2

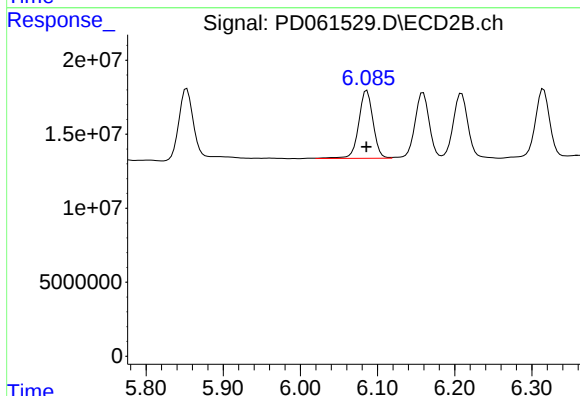
R.T.: 5.467 min  
Delta R.T.: 0.026 min  
Response: 62429417  
Conc: 155.25 ng/ml



#25 Chlordane-3

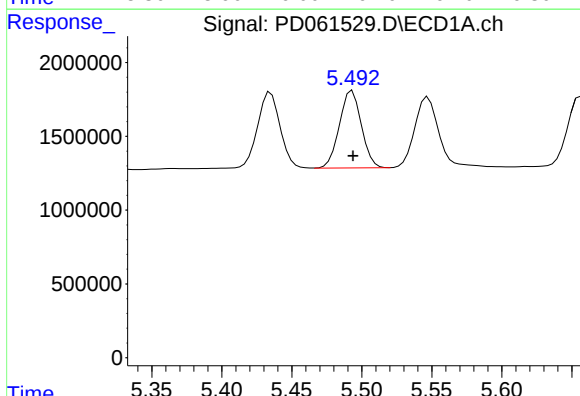
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 5811044  
Conc: 46.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



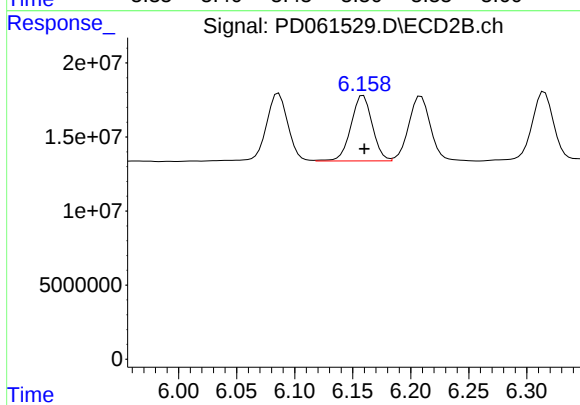
#25 Chlordane-3

R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 59672014  
Conc: 34.29 ng/ml



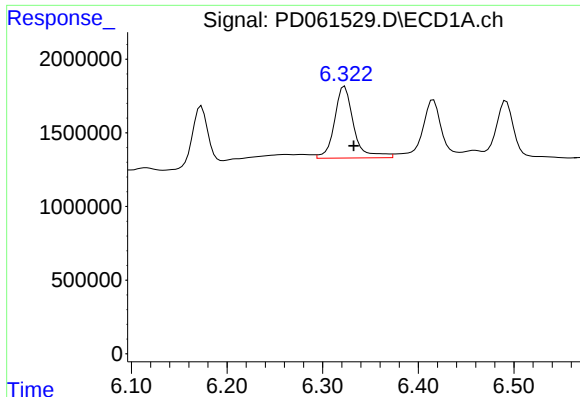
#26 Chlordane-4

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 5715457  
Conc: 54.76 ng/ml



#26 Chlordane-4

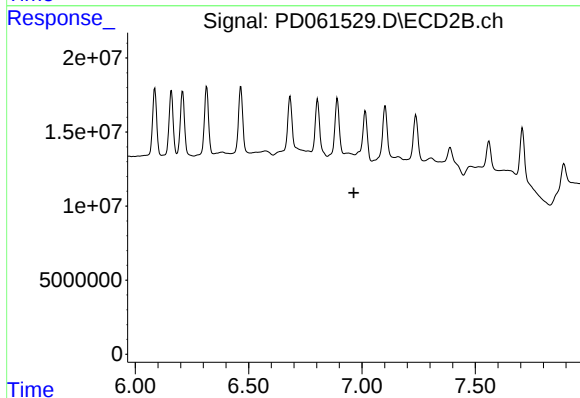
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 56682331  
Conc: 28.11 ng/ml



#27 Chlordane-5

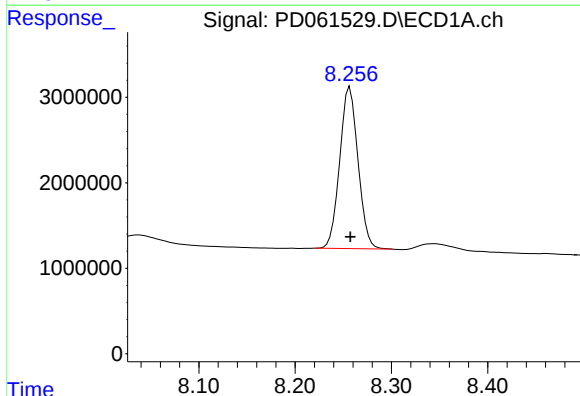
R.T.: 6.323 min  
Delta R.T.: -0.009 min  
Response: 6797161  
Conc: 140.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



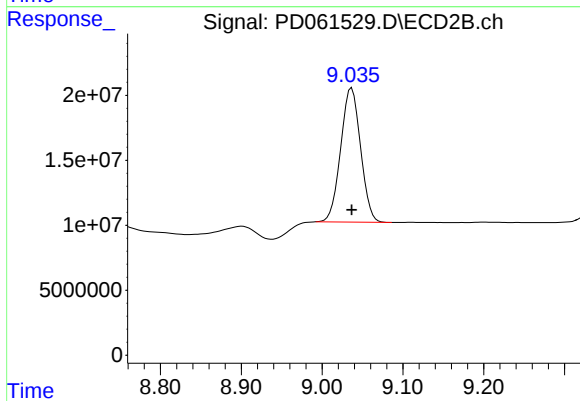
#27 Chlordane-5

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: 24843316  
Conc: 20.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.000 min  
Response: 176356638  
Conc: 20.44 ng/ml