

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051322\  
 Data File : PD069577.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2022 13:53  
 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: May 11 18:57:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 18 13:40:55 2022  
 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... | 3.443  | 4.171  | 60494756 | 537.5E6 | 54.495   | 50.129    |
| 2)                          | SA Decachlor... | 8.195  | 9.362  | 63913802 | 345.6E6 | 51.187   | 52.817    |
| Target Compounds            |                 |        |        |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.882  | 4.567  | 92918077 | 803.2E6 | 56.942   | 52.087    |
| 3)                          | MA gamma-BHC... | 4.165  | 4.857  | 87687213 | 721.0E6 | 51.261   | 51.058    |
| 4)                          | MA Heptachlor   | 4.463  | 5.385  | 83047905 | 689.8E6 | 56.000   | 50.488    |
| 5)                          | MB Aldrin       | 4.710  | 5.697  | 82558904 | 675.8E6 | 56.692   | 51.135    |
| 6)                          | B beta-BHC      | 4.415  | 5.021  | 37446059 | 313.3E6 | 53.862   | 51.004    |
| 7)                          | B delta-BHC     | 4.619  | 5.246  | 84784819 | 680.7E6 | 57.155   | 50.756    |
| 8)                          | B Heptachlo...  | 5.154  | 6.085  | 77389665 | 601.2E6 | 56.457   | 50.803    |
| 9)                          | A Endosulfan I  | 5.492  | 6.448  | 71652014 | 559.9E6 | 55.523   | 51.840    |
| 10)                         | B gamma-Chl...  | 5.379  | 6.322  | 77480584 | 619.5E6 | 55.738   | 53.206    |
| 11)                         | B alpha-Chl...  | 5.438  | 6.397  | 76192258 | 594.4E6 | 55.401   | 51.969    |
| 12)                         | B 4,4'-DDE      | 5.604  | 6.547  | 71028519 | 561.3E6 | 56.134   | 51.961    |
| 13)                         | MA Dieldrin     | 5.736  | 6.706  | 75442545 | 577.3E6 | 55.911   | 51.784    |
| 14)                         | MA Endrin       | 5.993  | 6.926  | 62884588 | 474.4E6 | 52.011   | 52.304    |
| 15)                         | B Endosulfa...  | 6.267  | 7.132  | 63332749 | 466.1E6 | 54.729   | 53.870    |
| 16)                         | A 4,4'-DDD      | 6.120  | 7.037  | 62682627 | 477.3E6 | 57.509   | 55.411    |
| 17)                         | MA 4,4'-DDT     | 6.360  | 7.340  | 58132229 | 452.3E6 | 54.068   | 52.145    |
| 18)                         | B Endrin al...  | 6.436  | 7.255  | 50037042 | 366.7E6 | 54.212   | 53.044    |
| 19)                         | B Endosulfa...  | 6.649  | 7.480  | 65719661 | 449.9E6 | 54.331   | 52.702    |
| 20)                         | A Methoxychlor  | 6.910  | 7.794  | 33604434 | 225.8E6 | 52.900   | 52.377    |
| 21)                         | B Endrin ke...  | 7.142  | 7.955  | 78215473 | 488.9E6 | 55.551   | 54.071    |
| 22)                         | Mirex           | 7.325  | 8.421  | 59024280 | 337.0E6 | 51.884   | 52.273    |
| 23)                         | Chlordane-1     | 4.339f | 0.000  | 987018   | 0       | 23.848   | N.D. #    |
| 25)                         | Chlordane-3     | 5.379  | 6.322  | 77480584 | 619.5E6 | 569.474  | 380.568 # |
| 26)                         | Chlordane-4     | 5.438  | 6.397  | 76192258 | 594.4E6 | 666.421  | 313.507 # |
| 27)                         | Chlordane-5     | 6.267  | 7.187f | 63332749 | 8018024 | 1400.426 | 22.035 #  |
| -----                       |                 |        |        |          |         |          |           |

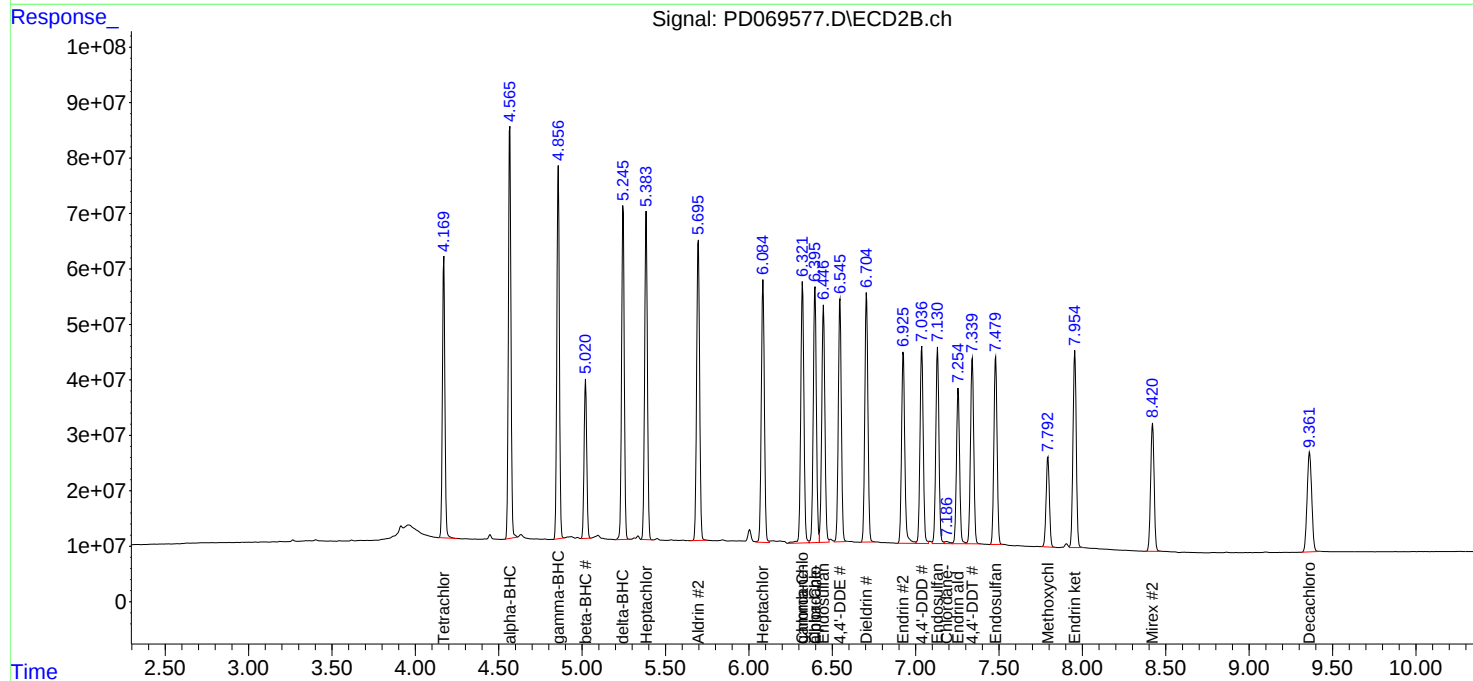
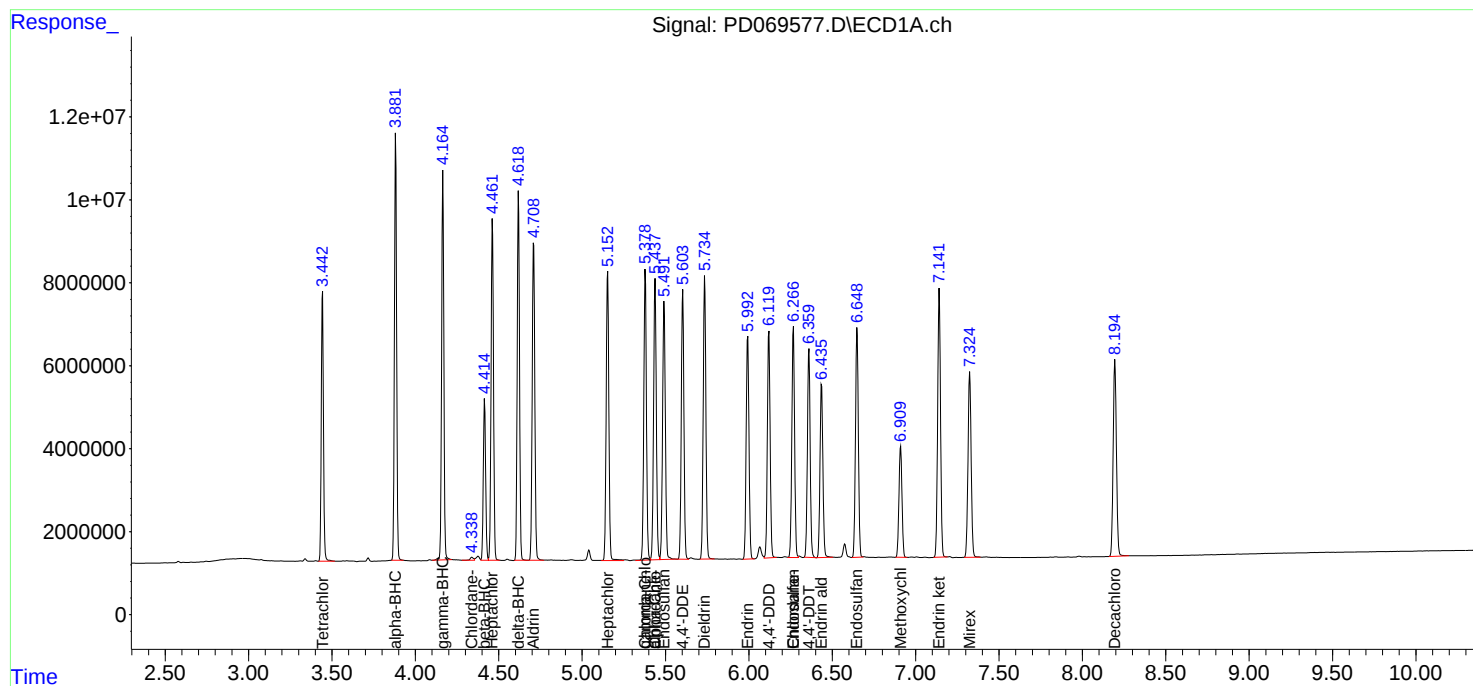
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

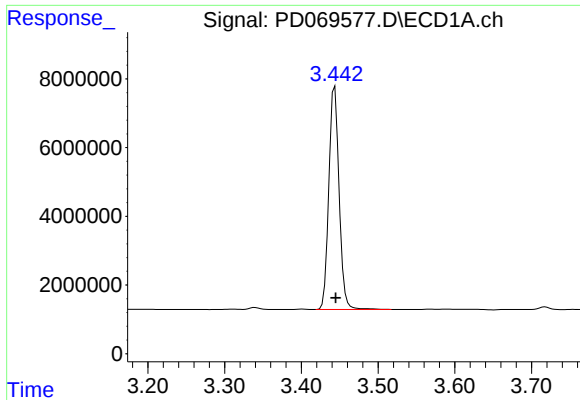
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051322\  
Data File : PD069577.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2022 13:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 18:57:35 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 18 13:40:55 2022  
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

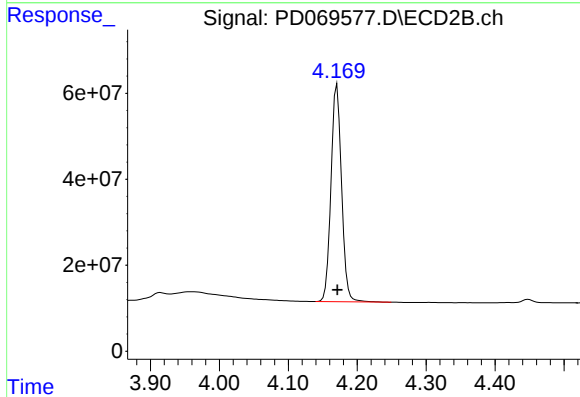




#1 Tetrachloro-m-xylene

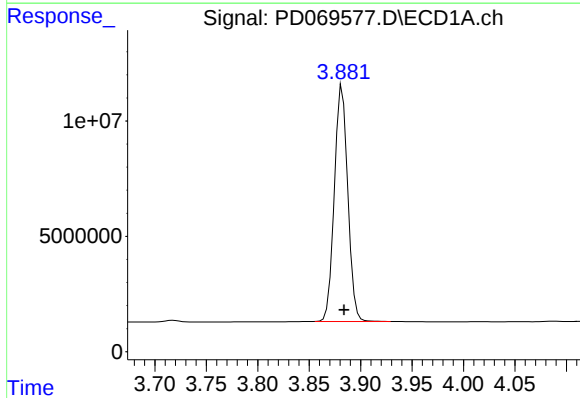
R.T.: 3.443 min  
Delta R.T.: -0.002 min  
Response: 60494756  
Conc: 54.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



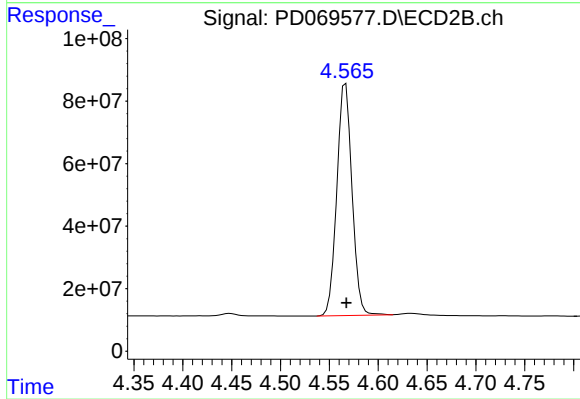
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 537466343  
Conc: 50.13 ng/ml



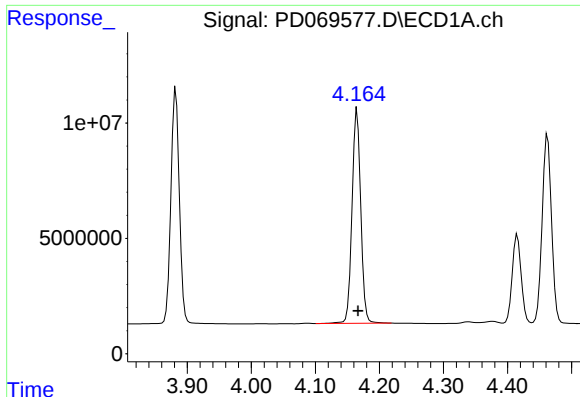
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.002 min  
Response: 92918077  
Conc: 56.94 ng/ml



#2 alpha-BHC

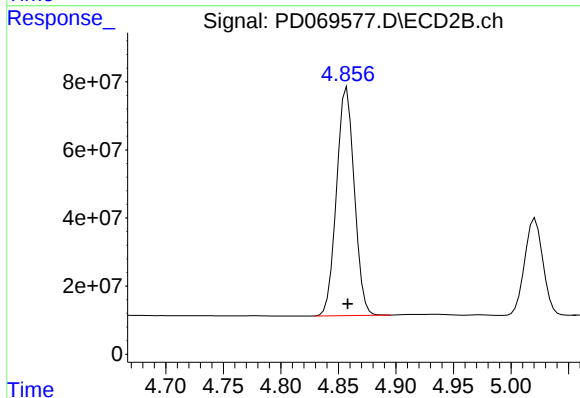
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 803190444  
Conc: 52.09 ng/ml



#3 gamma-BHC (Lindane)

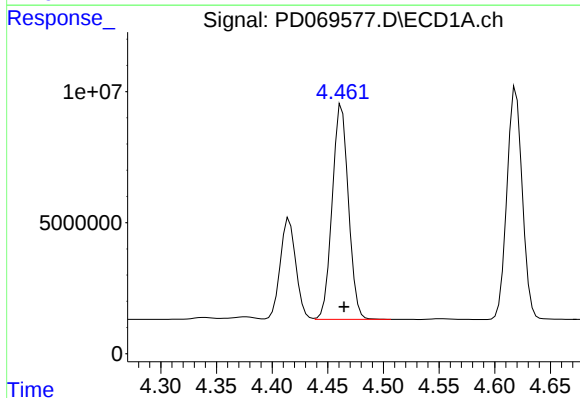
R.T.: 4.165 min  
Delta R.T.: -0.002 min  
Response: 87687213  
Conc: 51.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



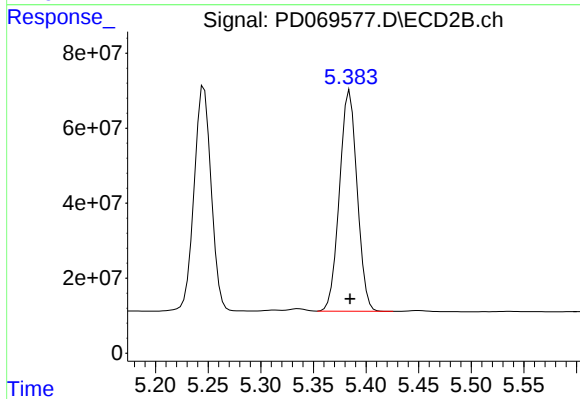
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 720960518  
Conc: 51.06 ng/ml



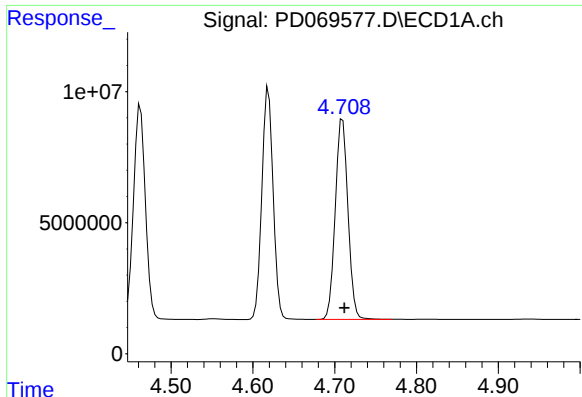
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 83047905  
Conc: 56.00 ng/ml



#4 Heptachlor

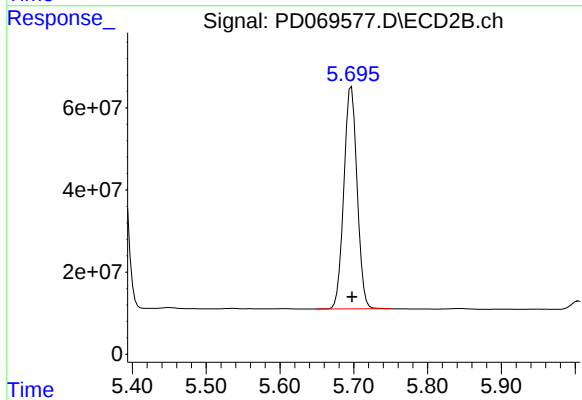
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 689756323  
Conc: 50.49 ng/ml



#5 Aldrin

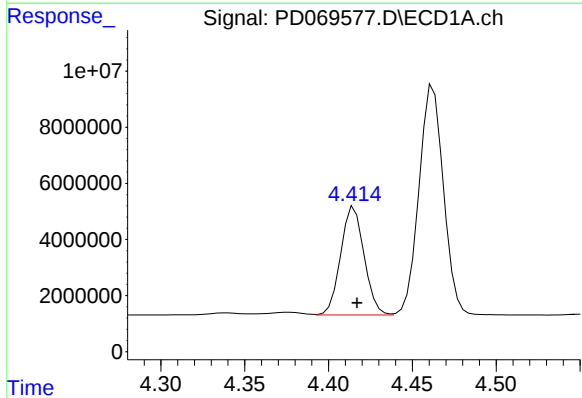
R.T.: 4.710 min  
Delta R.T.: -0.002 min  
Response: 82558904  
Conc: 56.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



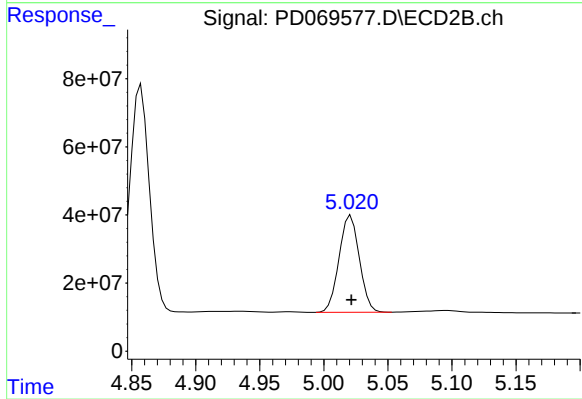
#5 Aldrin

R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 675765324  
Conc: 51.14 ng/ml



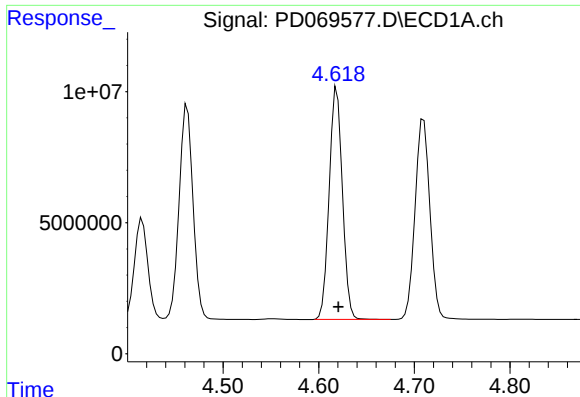
#6 beta-BHC

R.T.: 4.415 min  
Delta R.T.: -0.002 min  
Response: 37446059  
Conc: 53.86 ng/ml



#6 beta-BHC

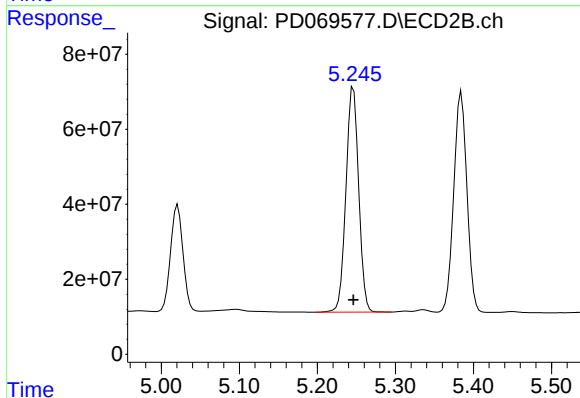
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 313347071  
Conc: 51.00 ng/ml



#7 delta-BHC

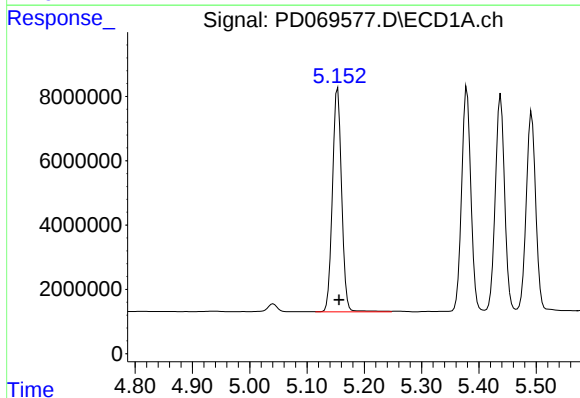
R.T.: 4.619 min  
Delta R.T.: -0.002 min  
Response: 84784819  
Conc: 57.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



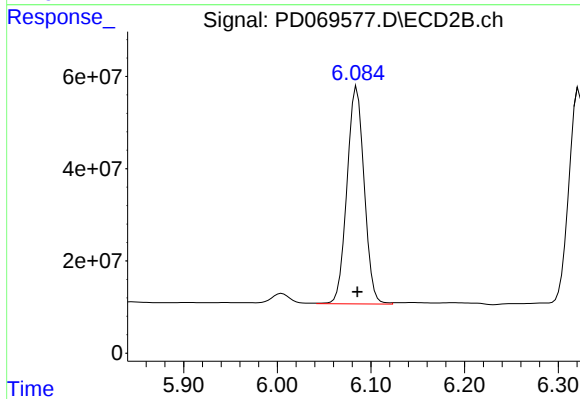
#7 delta-BHC

R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 680673952  
Conc: 50.76 ng/ml



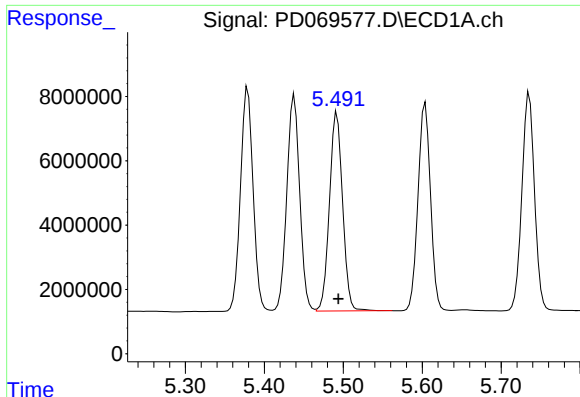
#8 Heptachlor epoxide

R.T.: 5.154 min  
Delta R.T.: -0.002 min  
Response: 77389665  
Conc: 56.46 ng/ml



#8 Heptachlor epoxide

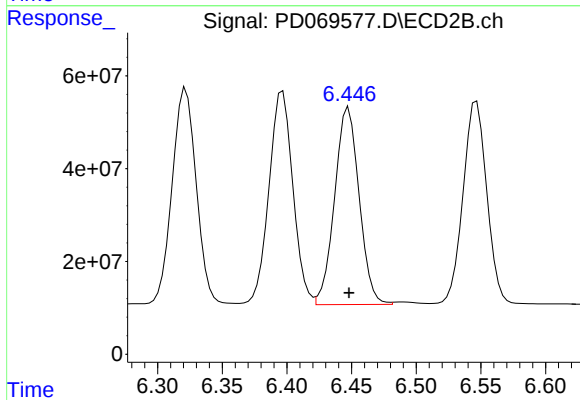
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 601213974  
Conc: 50.80 ng/ml



#9 Endosulfan I

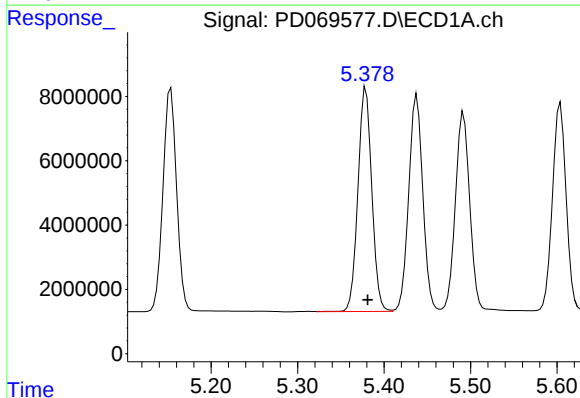
R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 71652014  
Conc: 55.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



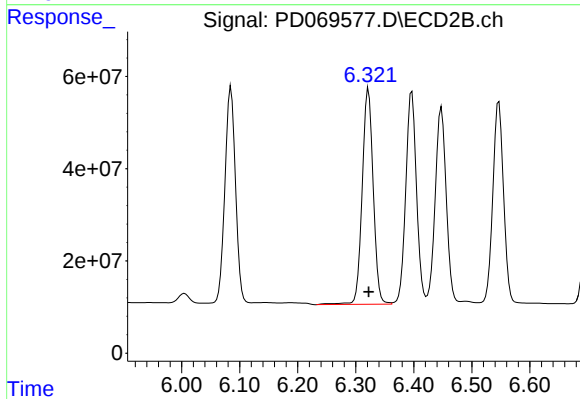
#9 Endosulfan I

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 559880096  
Conc: 51.84 ng/ml



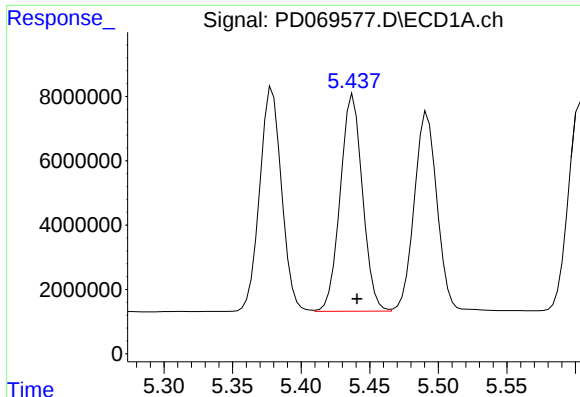
#10 gamma-Chlordane

R.T.: 5.379 min  
Delta R.T.: -0.002 min  
Response: 77480584  
Conc: 55.74 ng/ml



#10 gamma-Chlordane

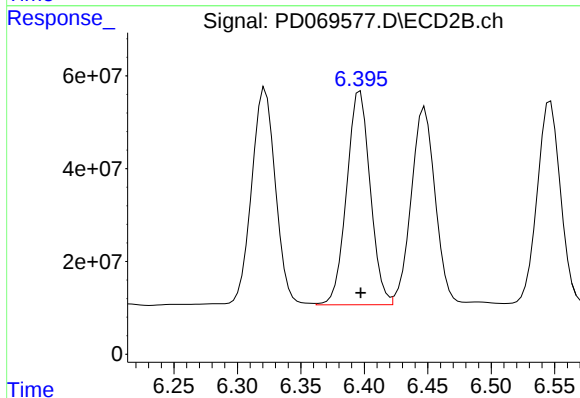
R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 619539074  
Conc: 53.21 ng/ml



#11 alpha-Chlordane

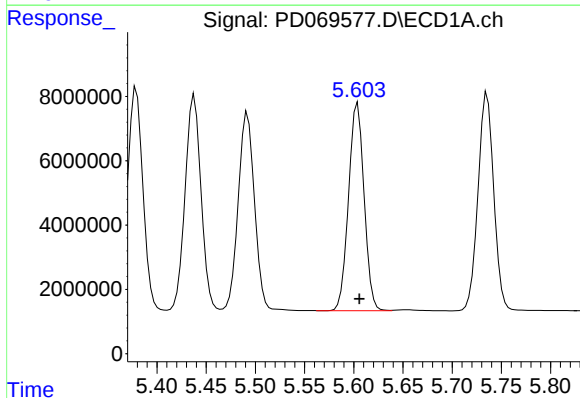
R.T.: 5.438 min  
Delta R.T.: -0.003 min  
Response: 76192258  
Conc: 55.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



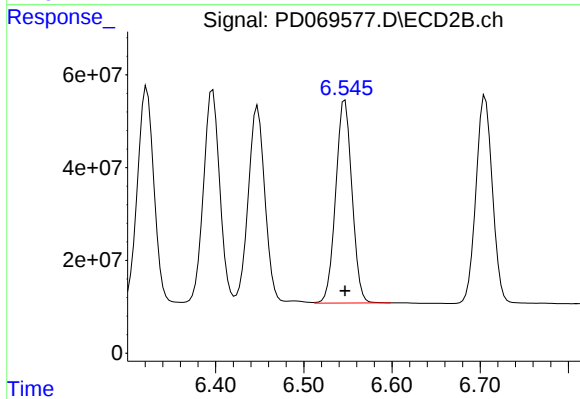
#11 alpha-Chlordane

R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 594400744  
Conc: 51.97 ng/ml



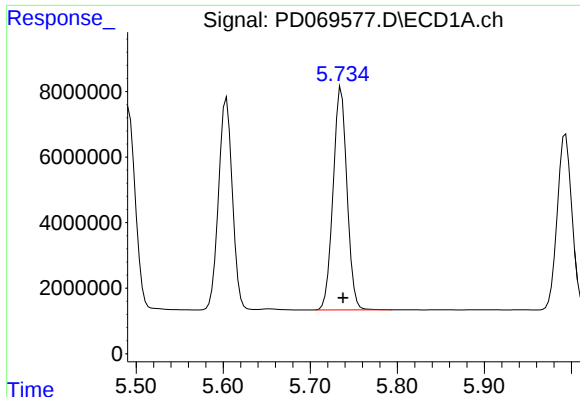
#12 4,4'-DDE

R.T.: 5.604 min  
Delta R.T.: -0.002 min  
Response: 71028519  
Conc: 56.13 ng/ml



#12 4,4'-DDE

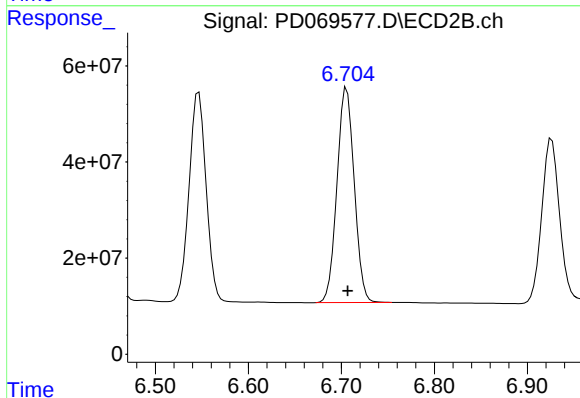
R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 561298433  
Conc: 51.96 ng/ml



#13 Dieldrin

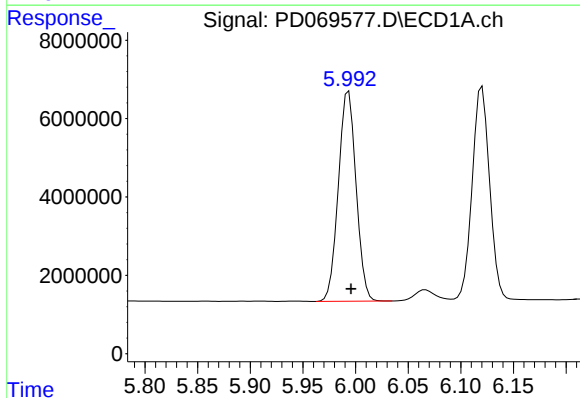
R.T.: 5.736 min  
Delta R.T.: -0.002 min  
Response: 75442545  
Conc: 55.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



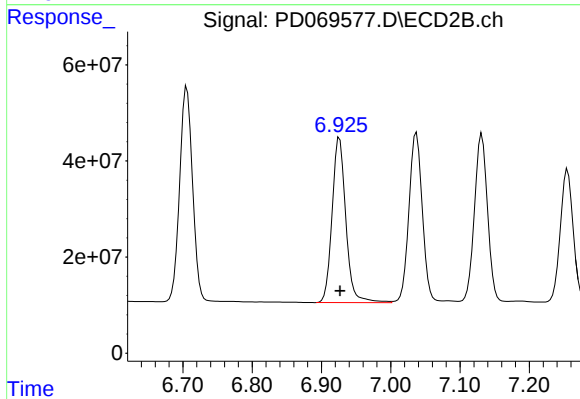
#13 Dieldrin

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 577283194  
Conc: 51.78 ng/ml



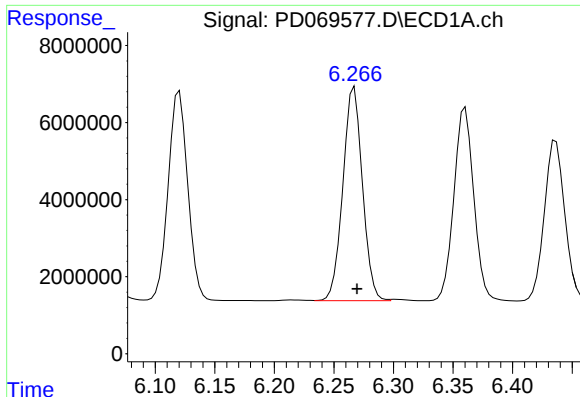
#14 Endrin

R.T.: 5.993 min  
Delta R.T.: -0.002 min  
Response: 62884588  
Conc: 52.01 ng/ml



#14 Endrin

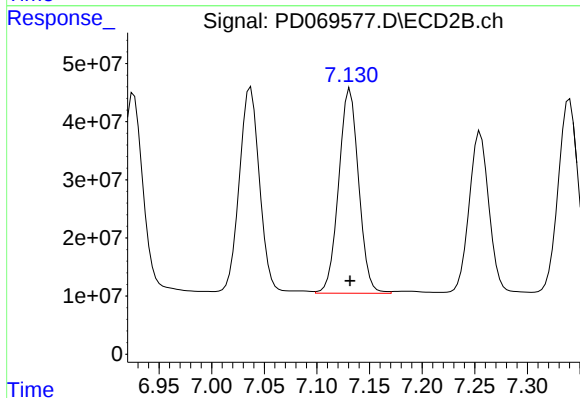
R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 474408177  
Conc: 52.30 ng/ml



#15 Endosulfan II

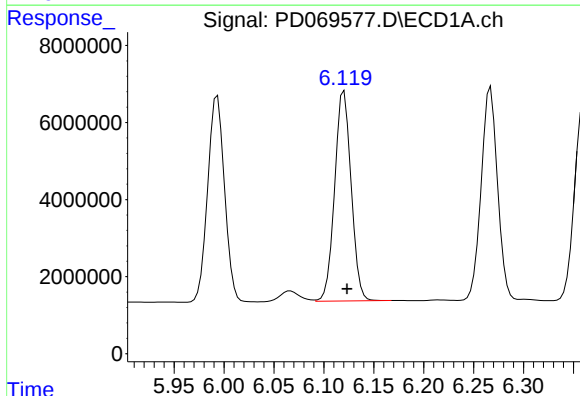
R.T.: 6.267 min  
Delta R.T.: -0.002 min  
Response: 63332749  
Conc: 54.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



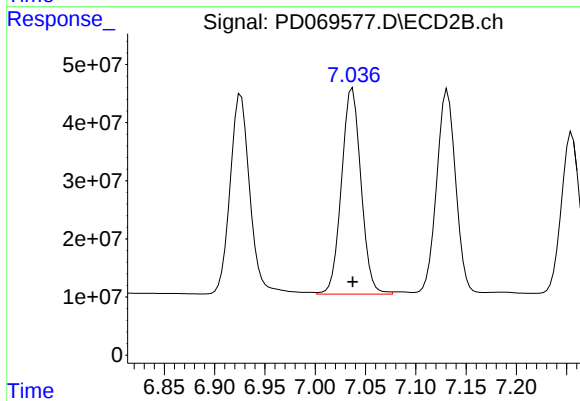
#15 Endosulfan II

R.T.: 7.132 min  
Delta R.T.: 0.000 min  
Response: 466083456  
Conc: 53.87 ng/ml



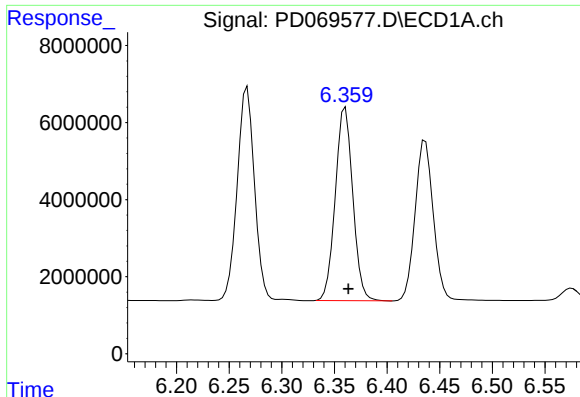
#16 4,4'-DDD

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 62682627  
Conc: 57.51 ng/ml



#16 4,4'-DDD

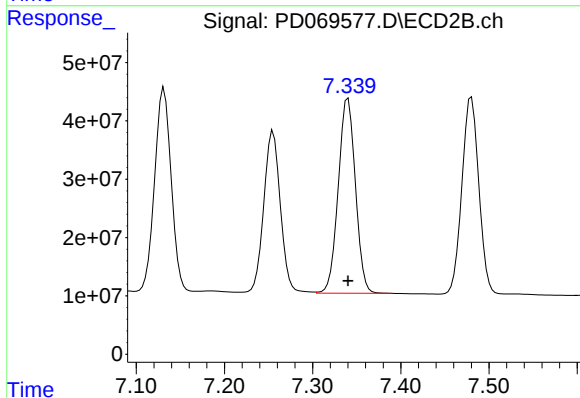
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 477277754  
Conc: 55.41 ng/ml



#17 4,4'-DDT

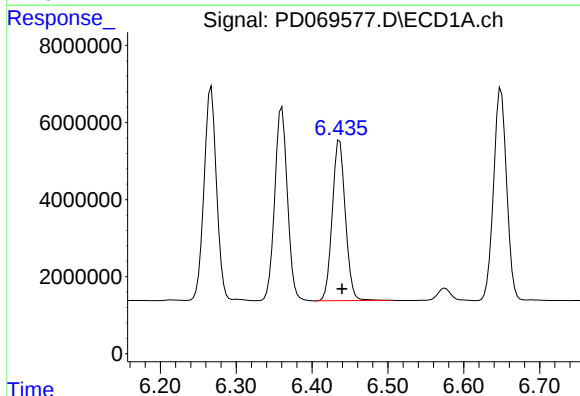
R.T.: 6.360 min  
Delta R.T.: -0.003 min  
Response: 58132229  
Conc: 54.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



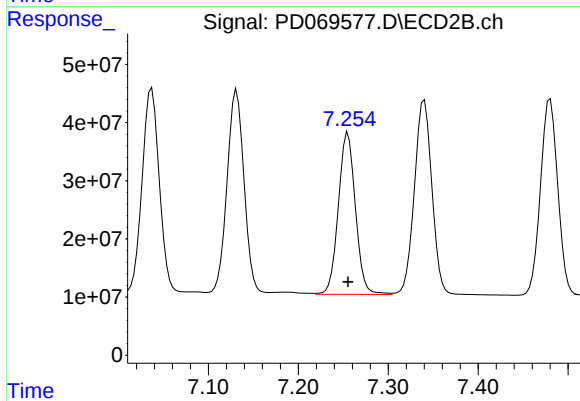
#17 4,4'-DDT

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 452292040  
Conc: 52.14 ng/ml



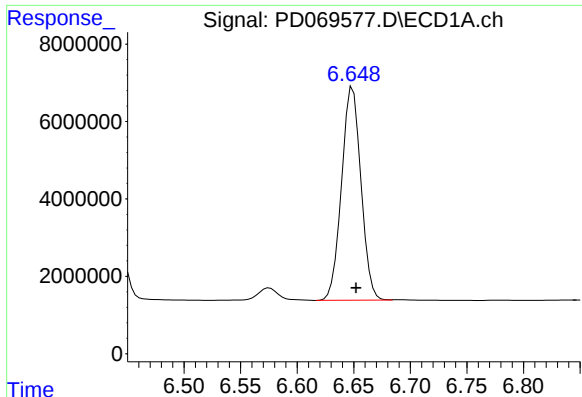
#18 Endrin aldehyde

R.T.: 6.436 min  
Delta R.T.: -0.003 min  
Response: 50037042  
Conc: 54.21 ng/ml



#18 Endrin aldehyde

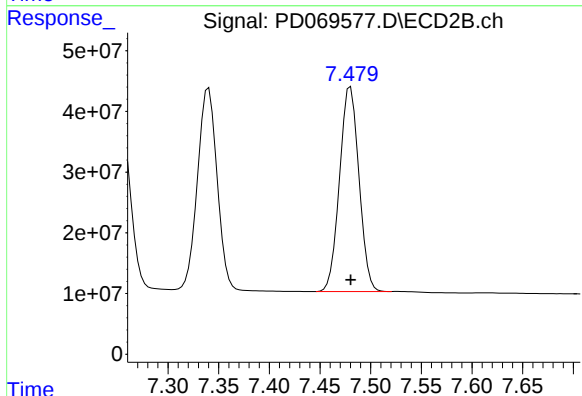
R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 366702043  
Conc: 53.04 ng/ml



#19 Endosulfan Sulfate

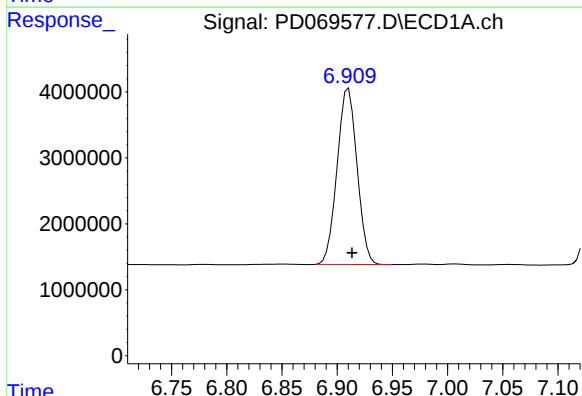
R.T.: 6.649 min  
Delta R.T.: -0.003 min  
Response: 65719661  
Conc: 54.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



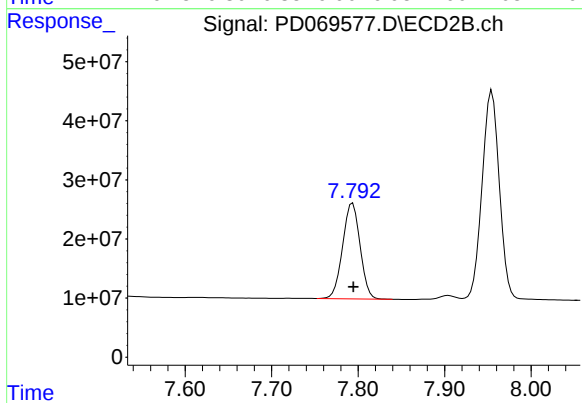
#19 Endosulfan Sulfate

R.T.: 7.480 min  
Delta R.T.: 0.000 min  
Response: 449894338  
Conc: 52.70 ng/ml



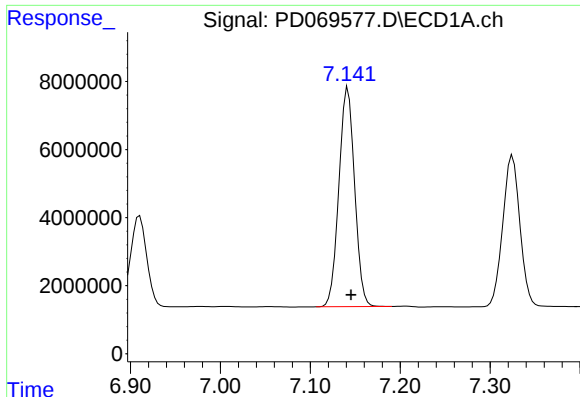
#20 Methoxychlor

R.T.: 6.910 min  
Delta R.T.: -0.003 min  
Response: 33604434  
Conc: 52.90 ng/ml



#20 Methoxychlor

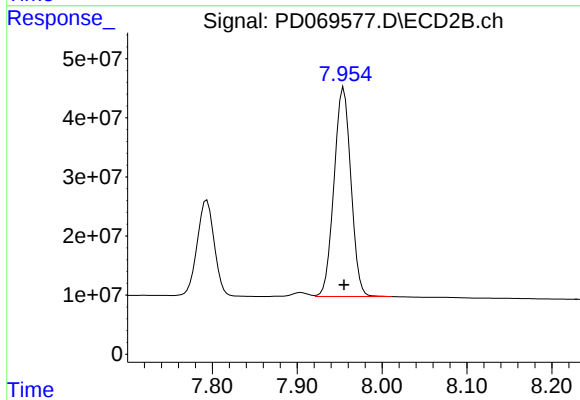
R.T.: 7.794 min  
Delta R.T.: 0.000 min  
Response: 225800950  
Conc: 52.38 ng/ml



#21 Endrin ketone

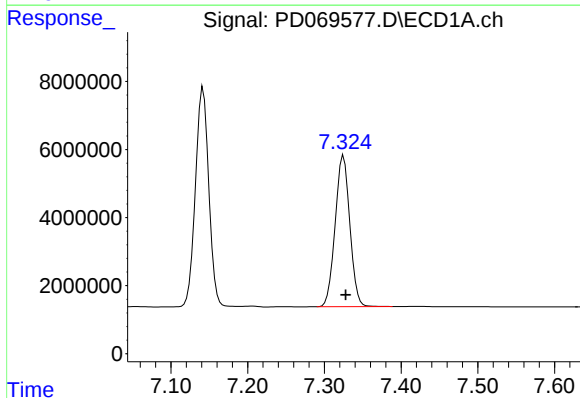
R.T.: 7.142 min  
Delta R.T.: -0.003 min  
Response: 78215473  
Conc: 55.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



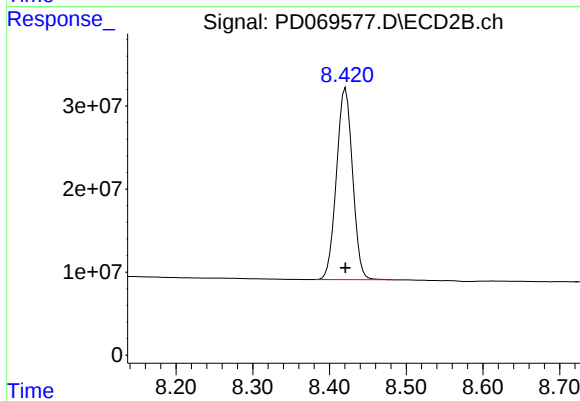
#21 Endrin ketone

R.T.: 7.955 min  
Delta R.T.: 0.000 min  
Response: 488888873  
Conc: 54.07 ng/ml



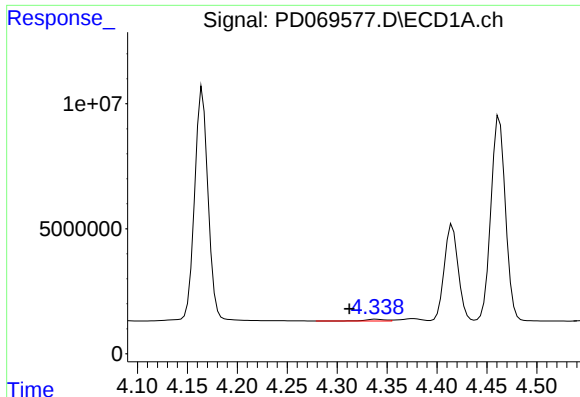
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: -0.003 min  
Response: 59024280  
Conc: 51.88 ng/ml



#22 Mirex

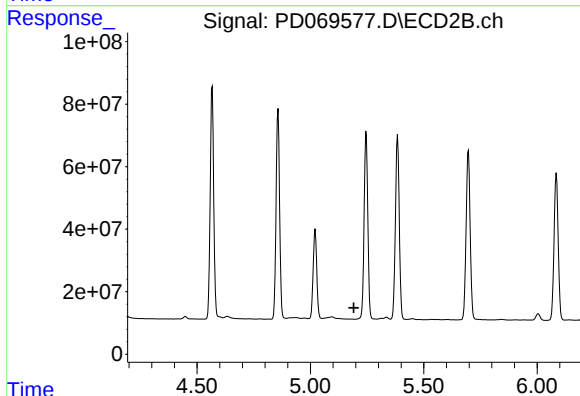
R.T.: 8.421 min  
Delta R.T.: 0.000 min  
Response: 336972402  
Conc: 52.27 ng/ml



#23 Chlordane-1

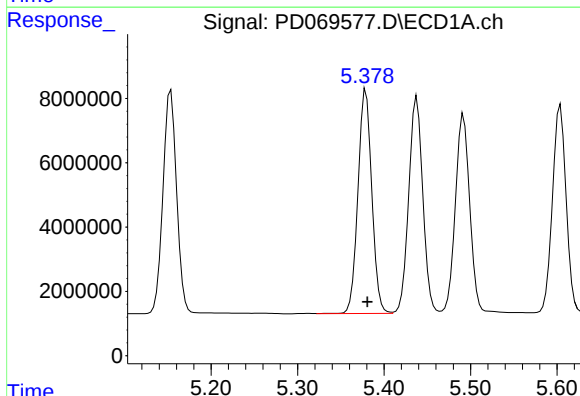
R.T.: 4.339 min  
Delta R.T.: 0.027 min  
Response: 987018  
Conc: 23.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



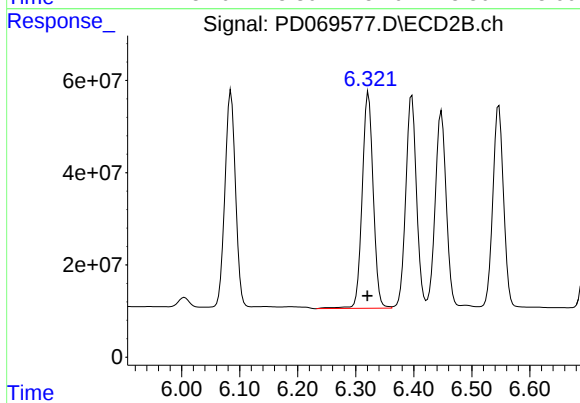
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.191 min  
Response: 0  
Conc: N.D.



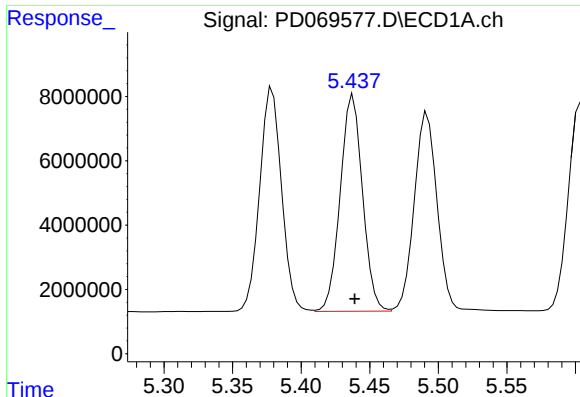
#25 Chlordane-3

R.T.: 5.379 min  
Delta R.T.: -0.002 min  
Response: 77480584  
Conc: 569.47 ng/ml



#25 Chlordane-3

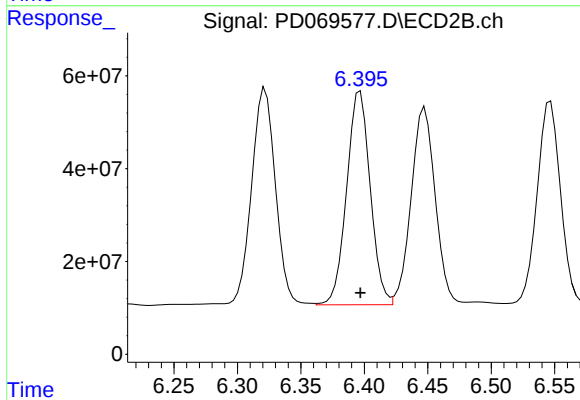
R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 619539074  
Conc: 380.57 ng/ml



#26 Chlordane-4

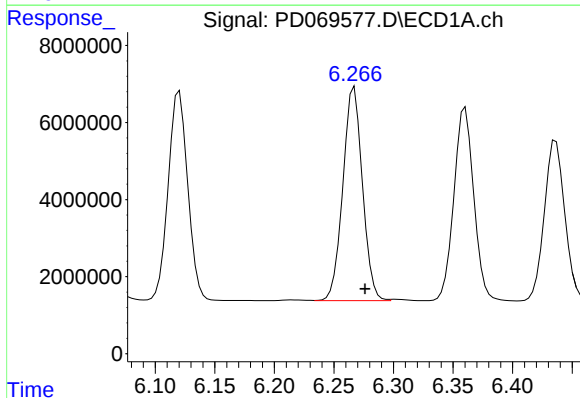
R.T.: 5.438 min  
Delta R.T.: -0.001 min  
Response: 76192258  
Conc: 666.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



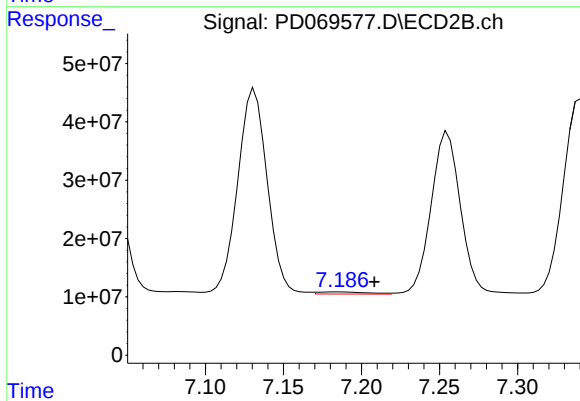
#26 Chlordane-4

R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 594400744  
Conc: 313.51 ng/ml



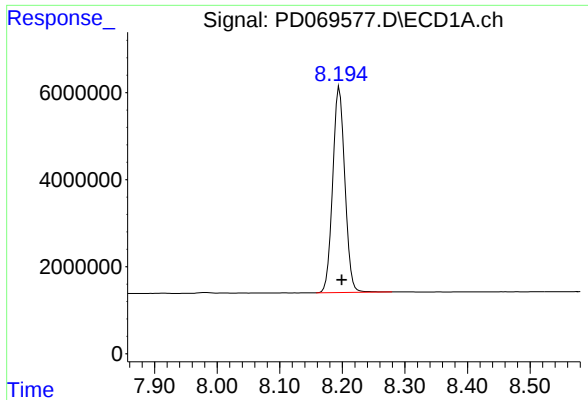
#27 Chlordane-5

R.T.: 6.267 min  
Delta R.T.: -0.009 min  
Response: 63332749  
Conc: 1400.43 ng/ml



#27 Chlordane-5

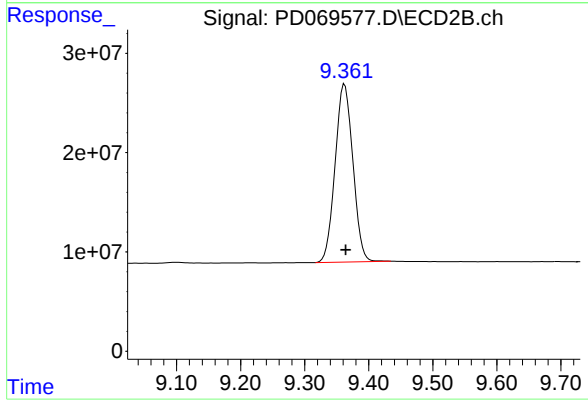
R.T.: 7.187 min  
Delta R.T.: -0.022 min  
Response: 8018024  
Conc: 22.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: -0.004 min  
Response: 63913802  
Conc: 51.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.362 min  
Delta R.T.: -0.002 min  
Response: 345633079  
Conc: 52.82 ng/ml