

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100621\  
 Data File : PD066036.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2021 14:06  
 Operator : AR\AJ  
 Sample : PB139660BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 22:23:10 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 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... | 3.491  | 4.010  | 15361152 | 113.3E6  | 20.743   | 19.740     |
| 28)                         | SA Decachlor... | 8.231  | 9.080  | 29516298 | 95354803 | 21.609   | 24.638     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.931  | 4.405  | 60898603 | 386.7E6  | 54.225   | 45.993     |
| 3)                          | MA gamma-BHC... | 4.214  | 4.691  | 58851719 | 359.9E6  | 52.481   | 46.582     |
| 4)                          | MA Heptachlor   | 4.511  | 5.194  | 65130317 | 336.4E6  | 54.603   | 46.359     |
| 5)                          | MB Aldrin       | 4.758  | 5.499  | 60545493 | 309.6E6  | 54.122   | 46.024     |
| 6)                          | B beta-BHC      | 4.462  | 4.867  | 28800825 | 171.0E6  | 50.451   | 46.271     |
| 7)                          | B delta-BHC     | 4.666  | 5.084  | 61009494 | 348.5E6  | 53.968   | 48.423     |
| 8)                          | B Heptachlo...  | 5.200  | 5.889  | 61283229 | 283.8E6  | 54.730   | 54.915     |
| 9)                          | A Endosulfan I  | 5.538  | 6.247  | 59239404 | 279.4E6  | 54.471   | 50.545     |
| 10)                         | B gamma-Chl...  | 5.425  | 6.123  | 64285942 | 293.3E6  | 53.237   | 48.910     |
| 11)                         | B alpha-Chl...  | 5.483  | 6.194  | 63671833 | 290.3E6  | 53.787   | 48.369     |
| 12)                         | B 4,4'-DDE      | 5.646  | 6.353  | 59345467 | 290.4E6  | 54.520   | 50.343     |
| 13)                         | MA Dieldrin     | 5.781  | 6.505  | 65270806 | 304.6E6  | 56.315   | 51.681     |
| 14)                         | MA Endrin       | 6.039  | 6.725  | 57129574 | 263.6E6  | 53.990   | 53.464     |
| 15)                         | B Endosulfa...  | 6.311  | 6.937  | 58464973 | 263.3E6  | 54.119   | 54.354     |
| 16)                         | A 4,4'-DDD      | 6.161  | 6.847  | 52263309 | 251.7E6  | 53.278   | 51.220     |
| 17)                         | MA 4,4'-DDT     | 6.400  | 7.145  | 59666409 | 261.1E6  | 54.208   | 51.691     |
| 18)                         | B Endrin al...  | 6.479  | 7.062  | 51572134 | 225.0E6  | 58.190   | 57.475     |
| 19)                         | B Endosulfa...  | 6.691  | 7.285  | 63696069 | 271.4E6  | 55.807   | 55.019     |
| 20)                         | A Methoxychlor  | 6.947  | 7.604  | 36640913 | 145.3E6  | 53.619   | 55.222     |
| 21)                         | B Endrin ke...  | 7.185  | 7.758  | 74736349 | 310.4E6  | 53.055   | 54.430     |
| 22)                         | Mirex           | 7.369  | 8.206  | 62802528 | 222.4E6  | 52.016   | 56.332     |
| 23)                         | Chlordane-1     | 4.388f | 0.000  | 542040   | 0        | 16.182   | N.D. #     |
| 24)                         | Chlordane-2     | 4.861  | 5.499f | 60878    | 309.6E6  | 1.499    | 1338.571 # |
| 25)                         | Chlordane-3     | 5.425  | 6.123  | 64285942 | 293.3E6  | 545.654  | 357.716 #  |
| 26)                         | Chlordane-4     | 5.483  | 6.194  | 63671833 | 290.3E6  | 644.684  | 302.674 #  |
| 27)                         | Chlordane-5     | 6.311  | 0.000  | 58464973 | 0        | 1202.978 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

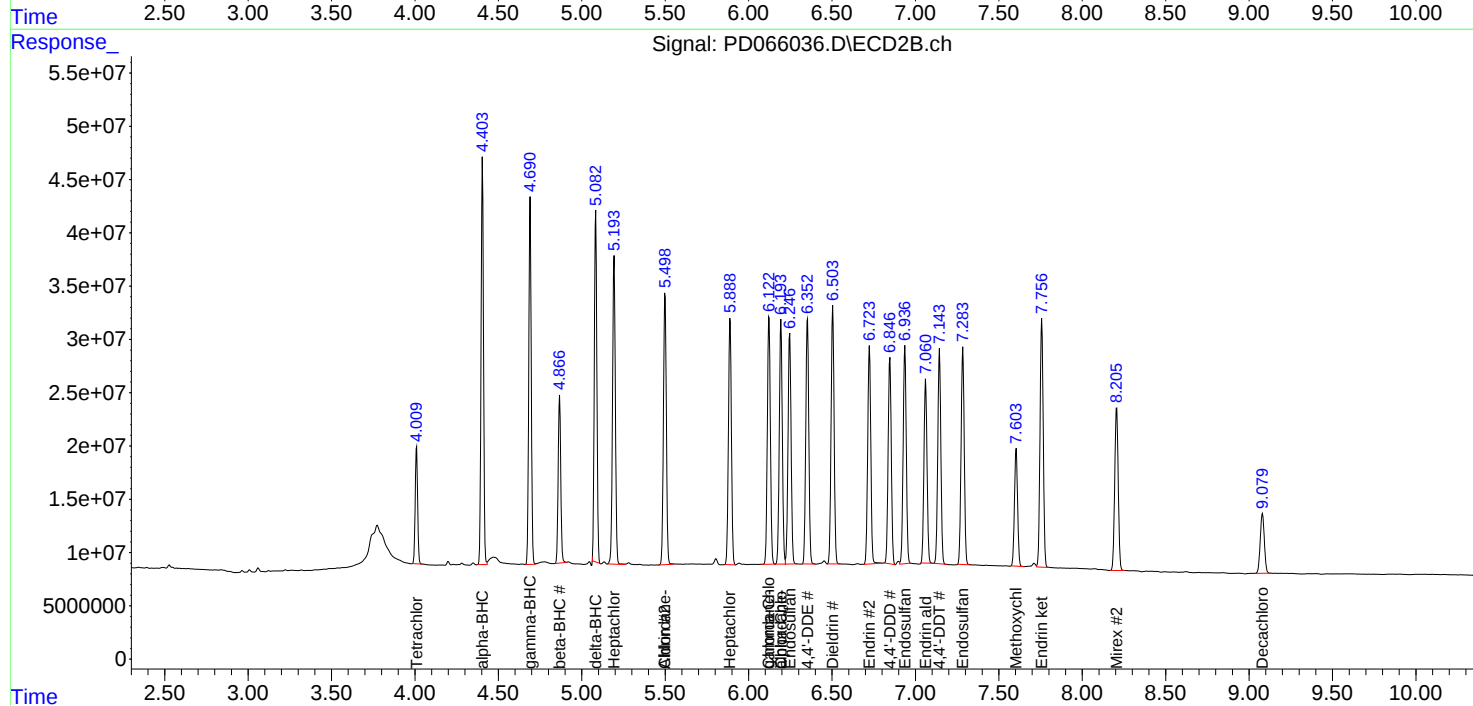
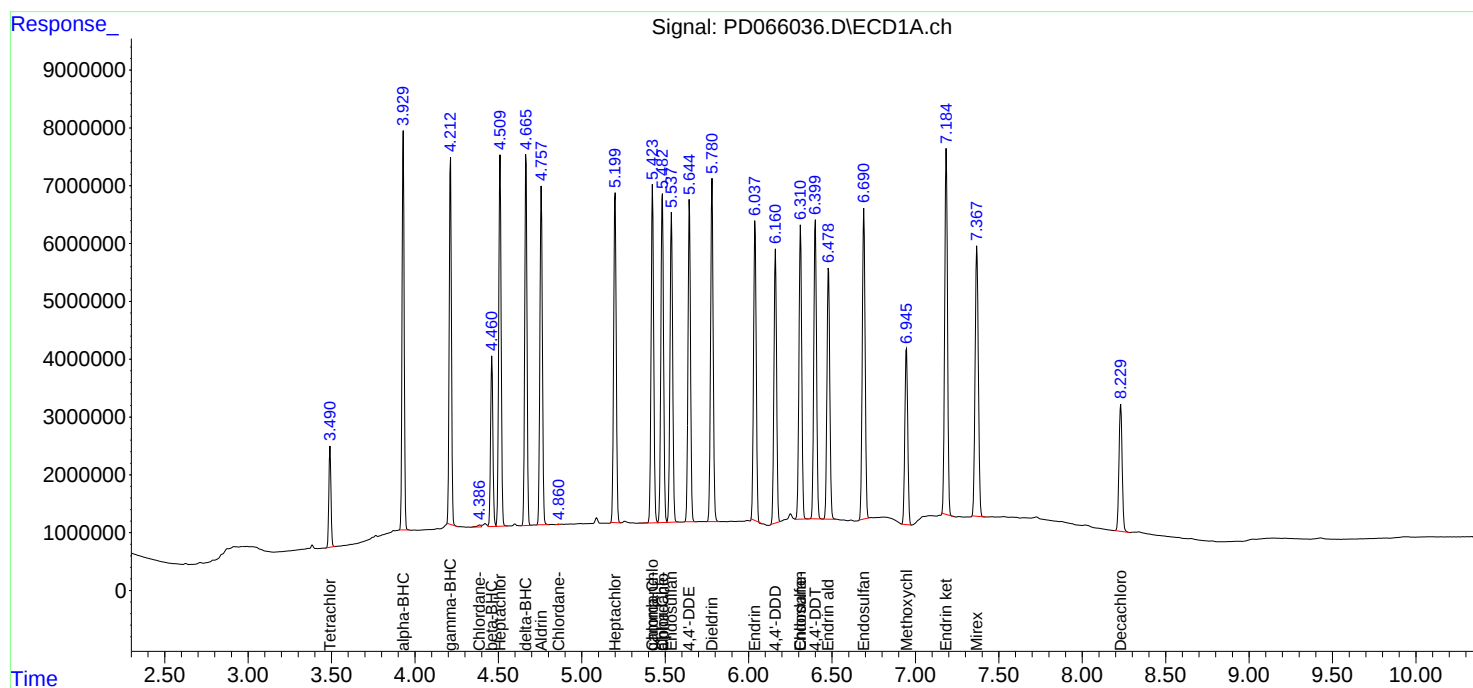
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

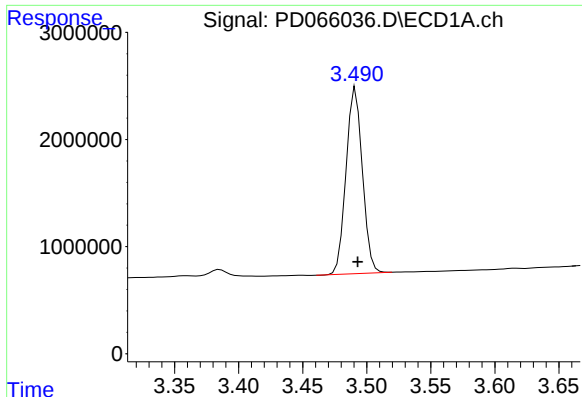
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100621\  
Data File : PD066036.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2021 14:06  
Operator : AR\AJ  
Sample : PB139660BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 22:23:10 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 23 12:18:33 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

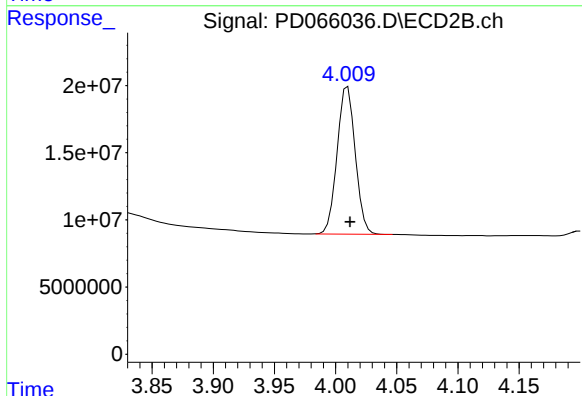




#1 Tetrachloro-m-xylene

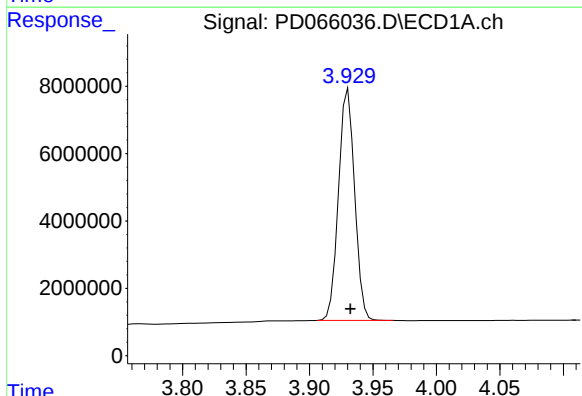
R.T.: 3.491 min  
Delta R.T.: -0.002 min  
Response: 15361152  
Conc: 20.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



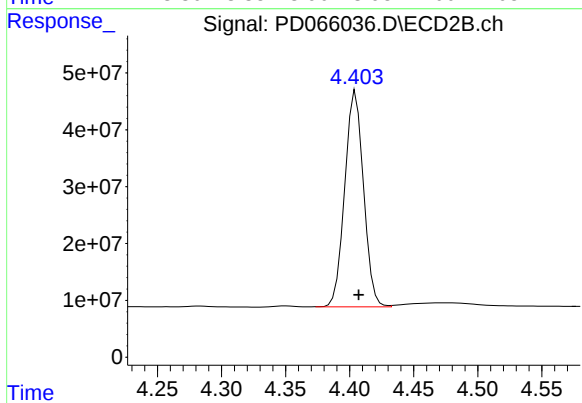
#1 Tetrachloro-m-xylene

R.T.: 4.010 min  
Delta R.T.: -0.002 min  
Response: 113348231  
Conc: 19.74 ng/ml



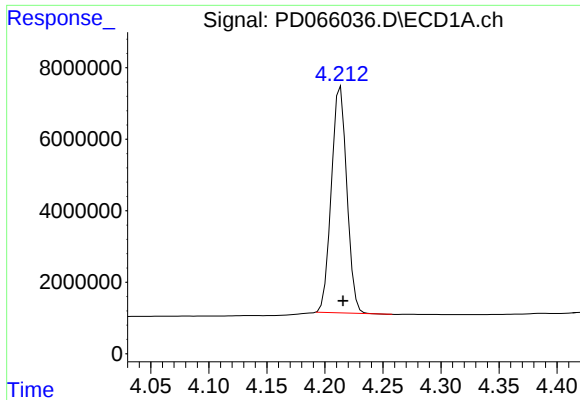
#2 alpha-BHC

R.T.: 3.931 min  
Delta R.T.: -0.002 min  
Response: 60898603  
Conc: 54.22 ng/ml



#2 alpha-BHC

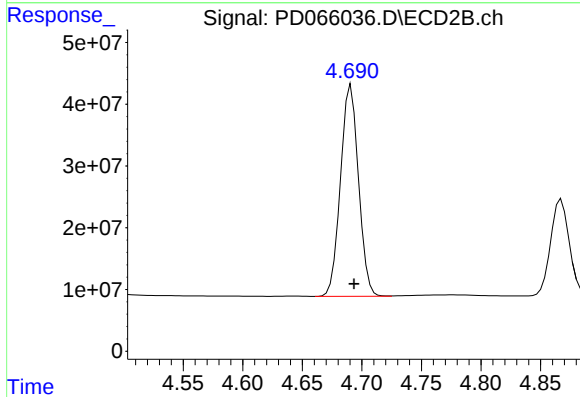
R.T.: 4.405 min  
Delta R.T.: -0.002 min  
Response: 386714723  
Conc: 45.99 ng/ml



#3 gamma-BHC (Lindane)

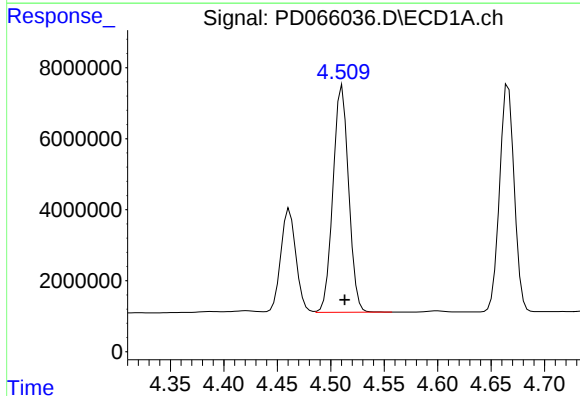
R.T.: 4.214 min  
Delta R.T.: -0.002 min  
Response: 58851719  
Conc: 52.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



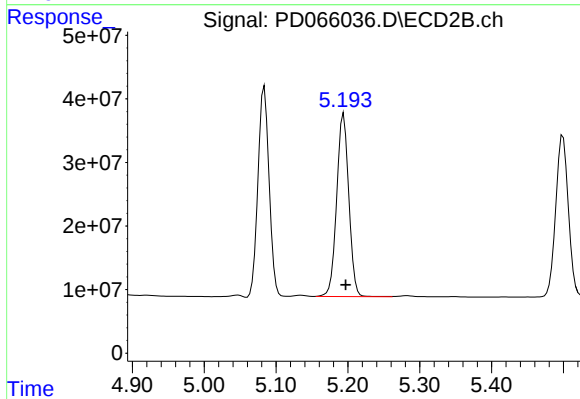
#3 gamma-BHC (Lindane)

R.T.: 4.691 min  
Delta R.T.: -0.003 min  
Response: 359885252  
Conc: 46.58 ng/ml



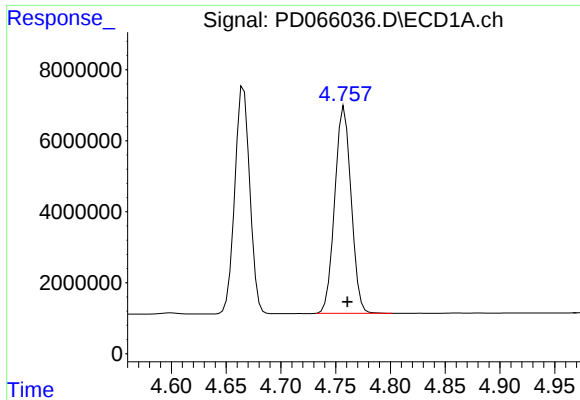
#4 Heptachlor

R.T.: 4.511 min  
Delta R.T.: -0.002 min  
Response: 65130317  
Conc: 54.60 ng/ml



#4 Heptachlor

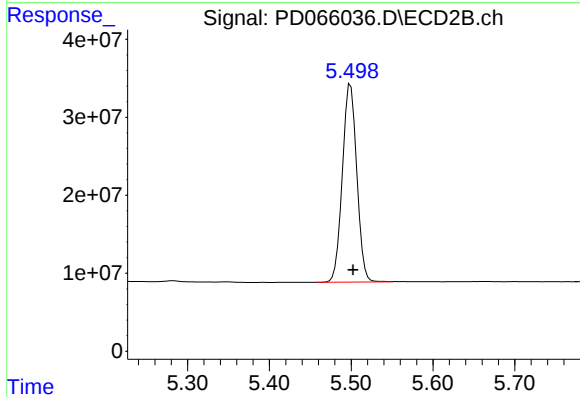
R.T.: 5.194 min  
Delta R.T.: -0.003 min  
Response: 336367492  
Conc: 46.36 ng/ml



#5 Aldrin

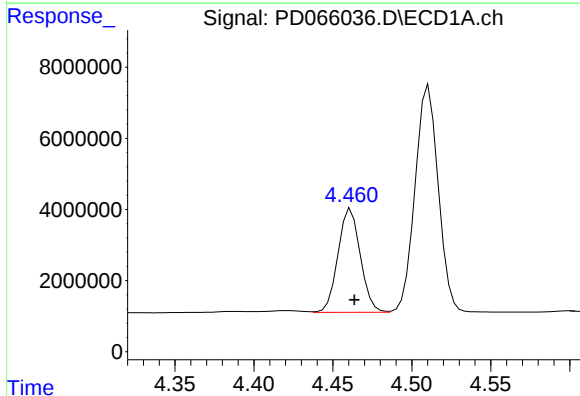
R.T.: 4.758 min  
Delta R.T.: -0.003 min  
Response: 60545493  
Conc: 54.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



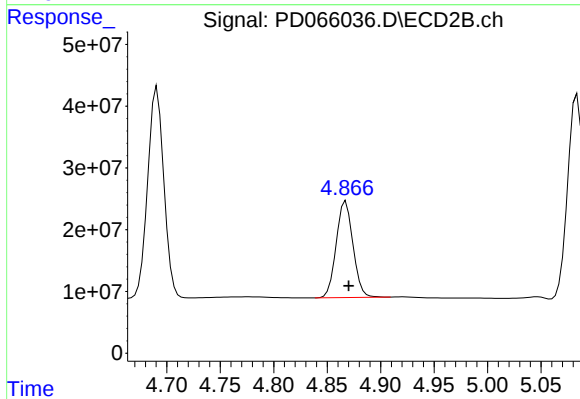
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 309627838  
Conc: 46.02 ng/ml



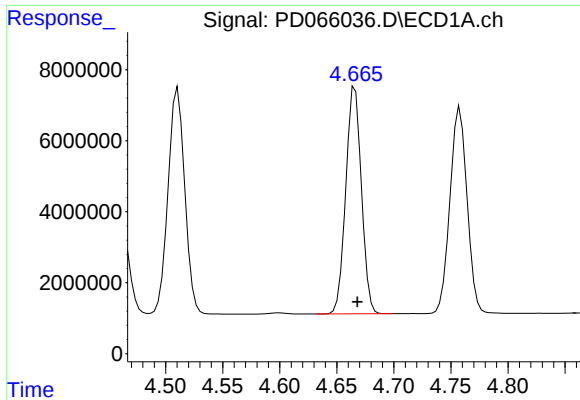
#6 beta-BHC

R.T.: 4.462 min  
Delta R.T.: -0.002 min  
Response: 28800825  
Conc: 50.45 ng/ml



#6 beta-BHC

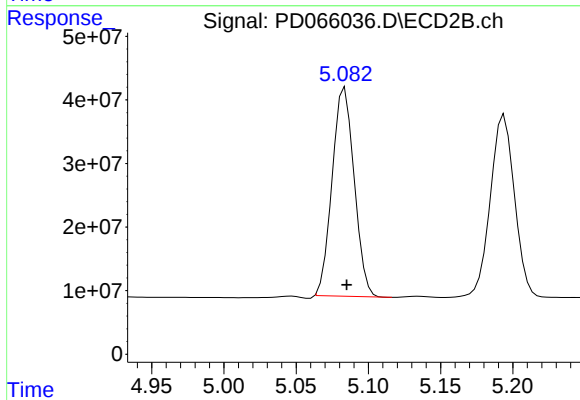
R.T.: 4.867 min  
Delta R.T.: -0.003 min  
Response: 171009853  
Conc: 46.27 ng/ml



#7 delta-BHC

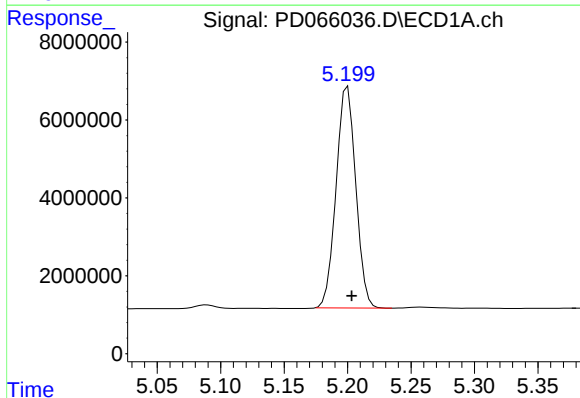
R.T.: 4.666 min  
Delta R.T.: -0.002 min  
Response: 61009494  
Conc: 53.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



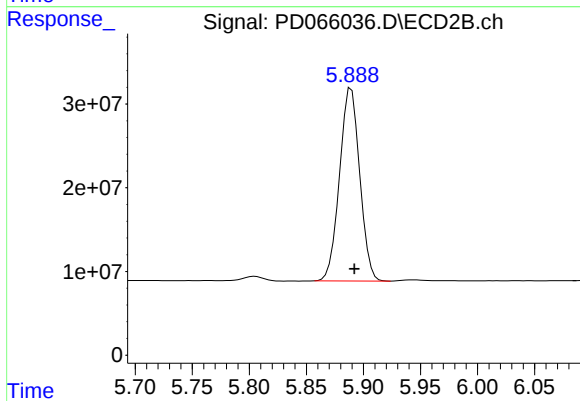
#7 delta-BHC

R.T.: 5.084 min  
Delta R.T.: -0.001 min  
Response: 348489670  
Conc: 48.42 ng/ml



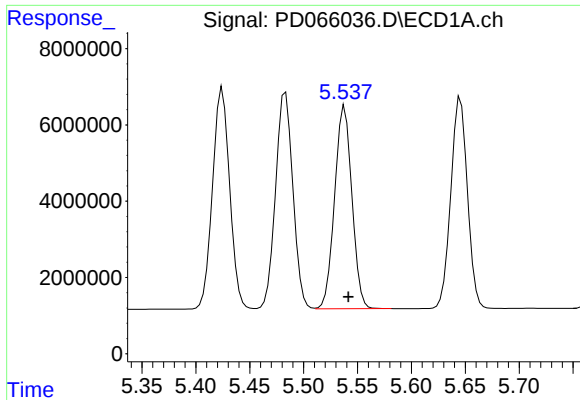
#8 Heptachlor epoxide

R.T.: 5.200 min  
Delta R.T.: -0.003 min  
Response: 61283229  
Conc: 54.73 ng/ml



#8 Heptachlor epoxide

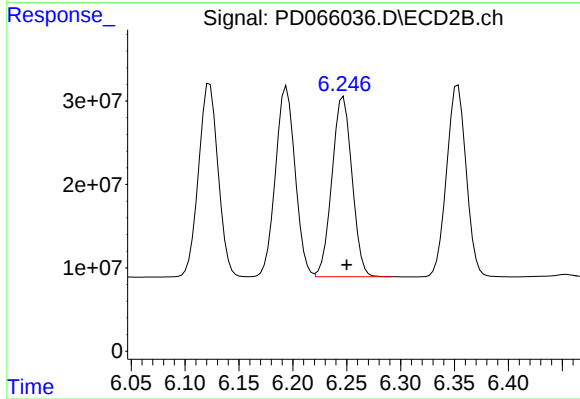
R.T.: 5.889 min  
Delta R.T.: -0.003 min  
Response: 283793031  
Conc: 54.91 ng/ml



#9 Endosulfan I

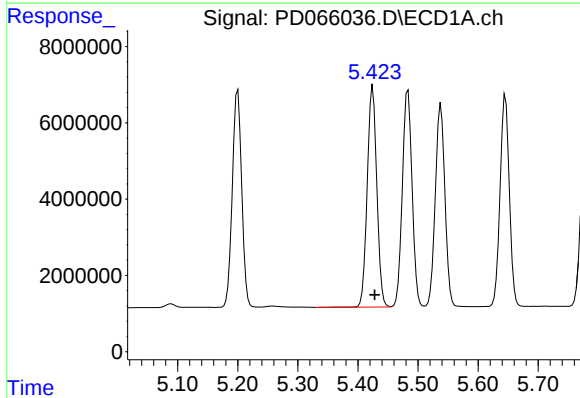
R.T.: 5.538 min  
Delta R.T.: -0.003 min  
Response: 59239404  
Conc: 54.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



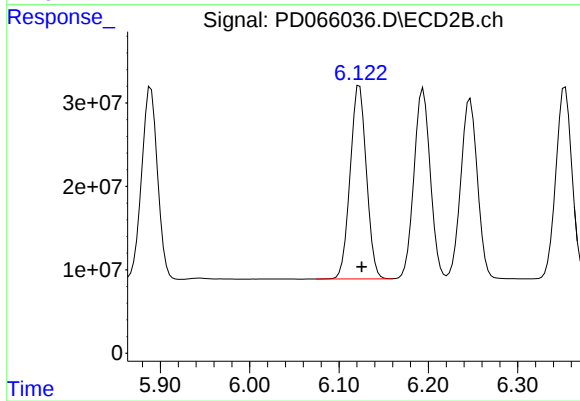
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: -0.003 min  
Response: 279363088  
Conc: 50.54 ng/ml



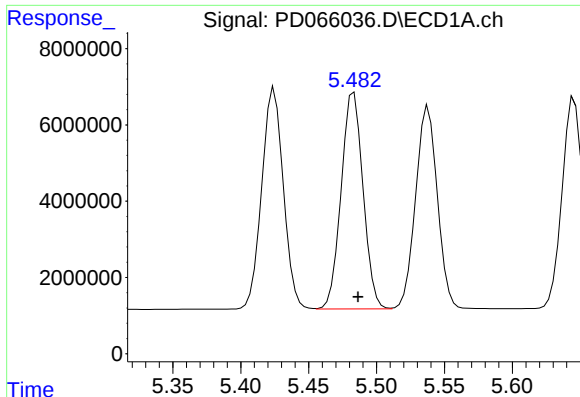
#10 gamma-Chlordane

R.T.: 5.425 min  
Delta R.T.: -0.003 min  
Response: 64285942  
Conc: 53.24 ng/ml



#10 gamma-Chlordane

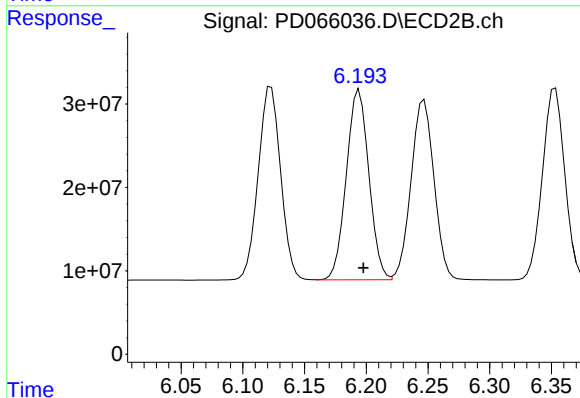
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 293347507  
Conc: 48.91 ng/ml



#11 alpha-Chlordane

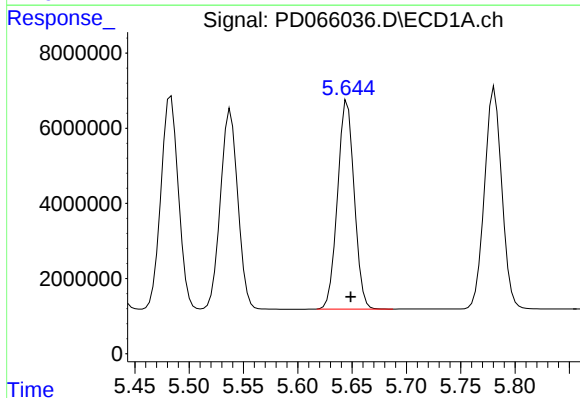
R.T.: 5.483 min  
Delta R.T.: -0.003 min  
Response: 63671833  
Conc: 53.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



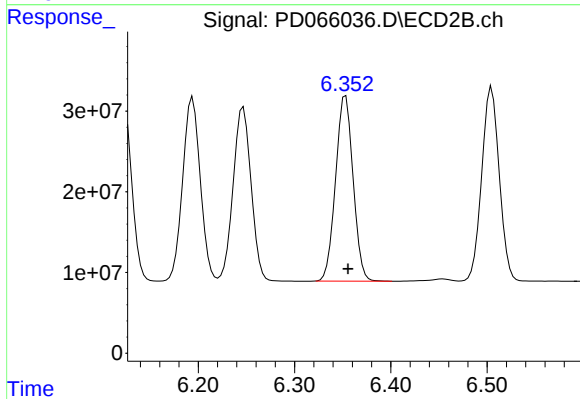
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 290313650  
Conc: 48.37 ng/ml



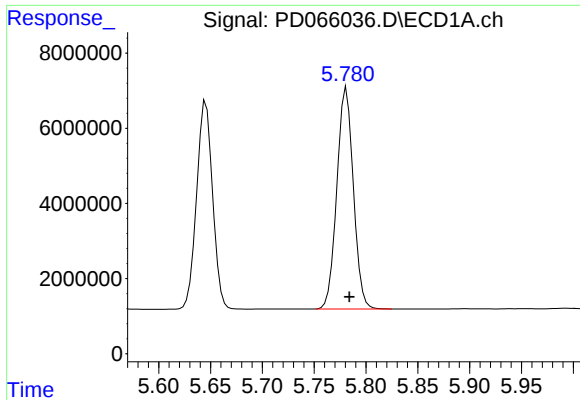
#12 4,4'-DDE

R.T.: 5.646 min  
Delta R.T.: -0.003 min  
Response: 59345467  
Conc: 54.52 ng/ml



#12 4,4'-DDE

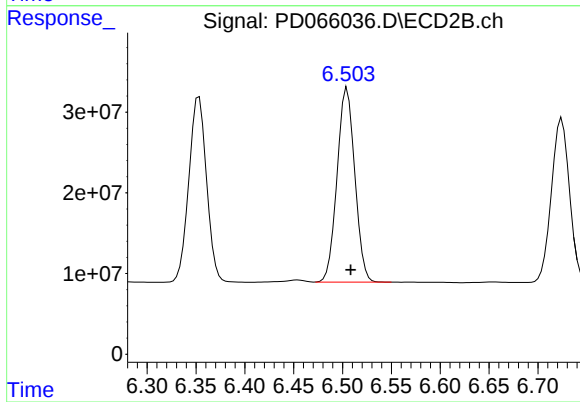
R.T.: 6.353 min  
Delta R.T.: -0.002 min  
Response: 290352794  
Conc: 50.34 ng/ml



#13 Dieldrin

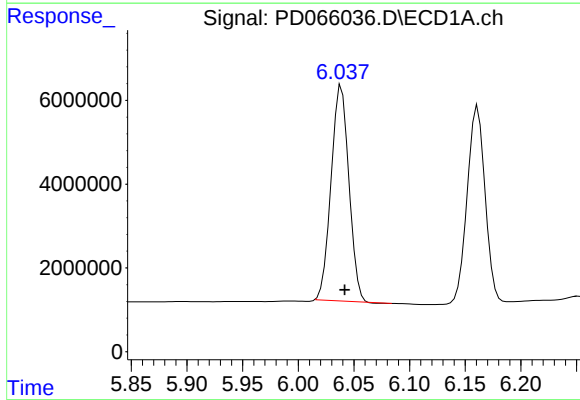
R.T.: 5.781 min  
Delta R.T.: -0.003 min  
Response: 65270806  
Conc: 56.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



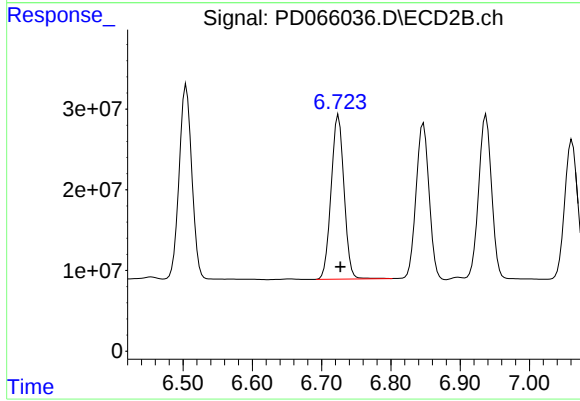
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 304563721  
Conc: 51.68 ng/ml



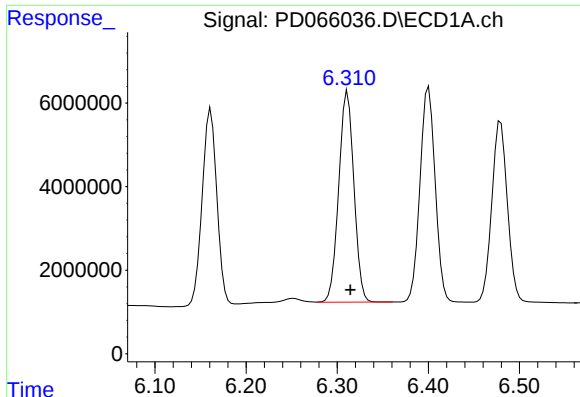
#14 Endrin

R.T.: 6.039 min  
Delta R.T.: -0.003 min  
Response: 57129574  
Conc: 53.99 ng/ml



#14 Endrin

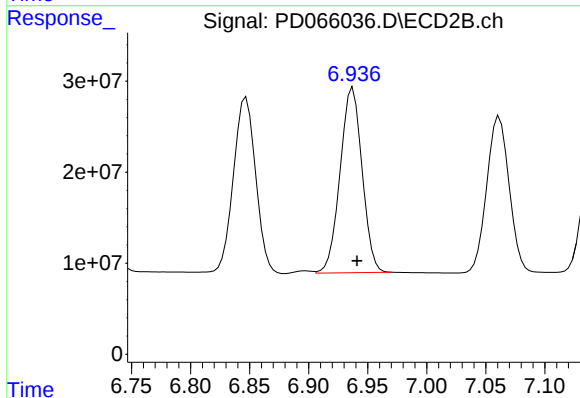
R.T.: 6.725 min  
Delta R.T.: -0.002 min  
Response: 263579462  
Conc: 53.46 ng/ml



#15 Endosulfan II

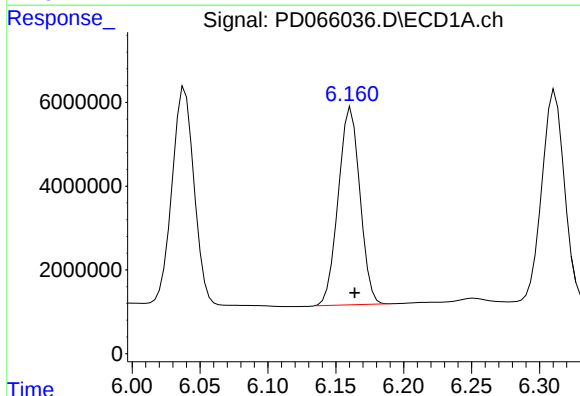
R.T.: 6.311 min  
Delta R.T.: -0.003 min  
Response: 58464973  
Conc: 54.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



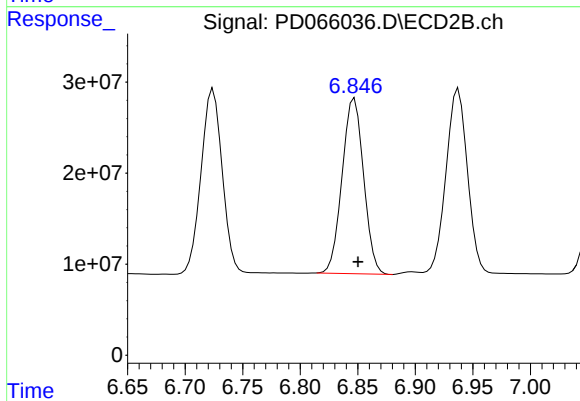
#15 Endosulfan II

R.T.: 6.937 min  
Delta R.T.: -0.004 min  
Response: 263285118  
Conc: 54.35 ng/ml



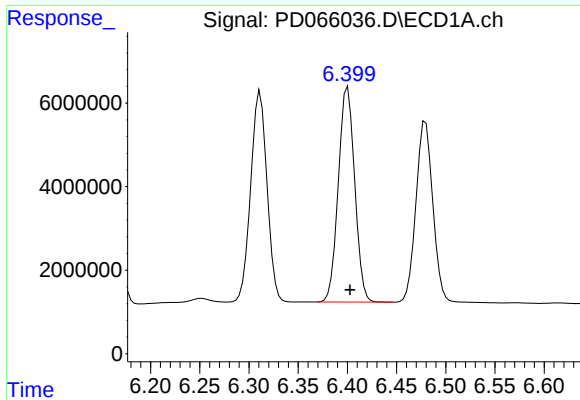
#16 4,4'-DDD

R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 52263309  
Conc: 53.28 ng/ml



#16 4,4'-DDD

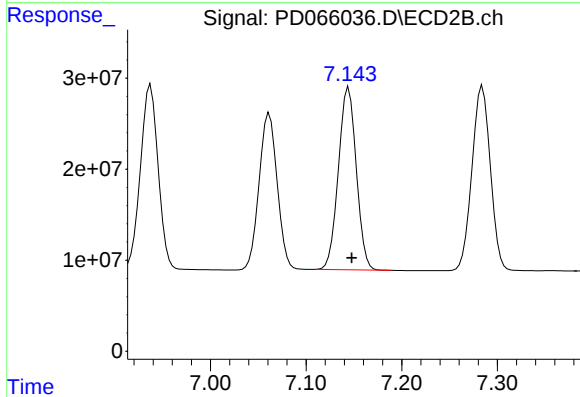
R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 251725694  
Conc: 51.22 ng/ml



#17 4,4'-DDT

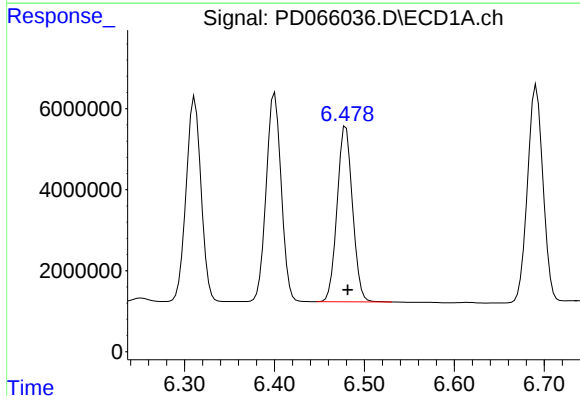
R.T.: 6.400 min  
Delta R.T.: -0.003 min  
Response: 59666409  
Conc: 54.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



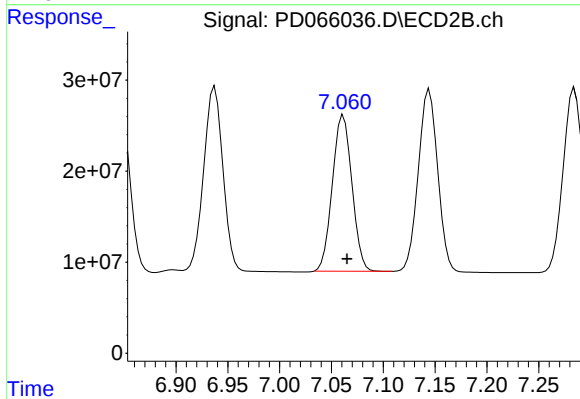
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.003 min  
Response: 261109369  
Conc: 51.69 ng/ml



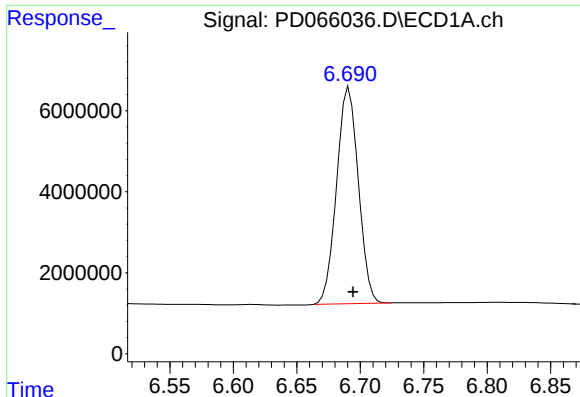
#18 Endrin aldehyde

R.T.: 6.479 min  
Delta R.T.: -0.002 min  
Response: 51572134  
Conc: 58.19 ng/ml



#18 Endrin aldehyde

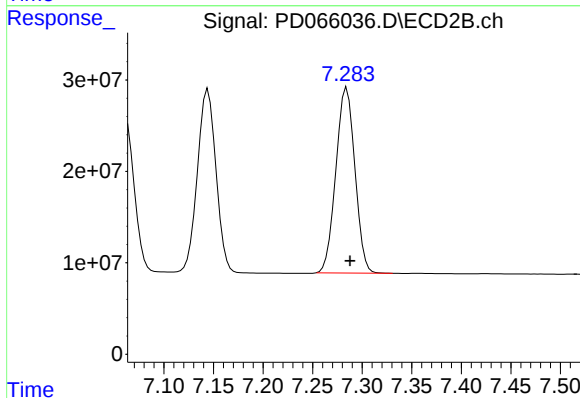
R.T.: 7.062 min  
Delta R.T.: -0.003 min  
Response: 225012576  
Conc: 57.48 ng/ml



#19 Endosulfan Sulfate

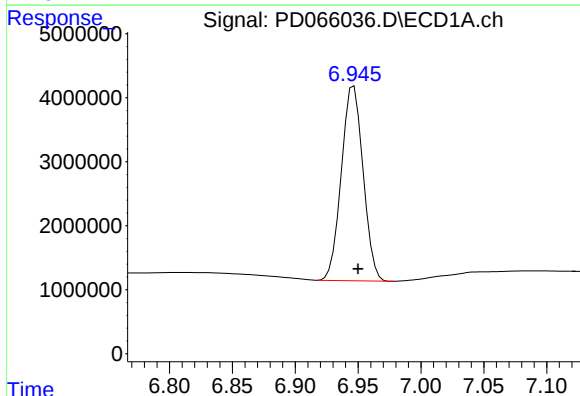
R.T.: 6.691 min  
Delta R.T.: -0.003 min  
Response: 63696069  
Conc: 55.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



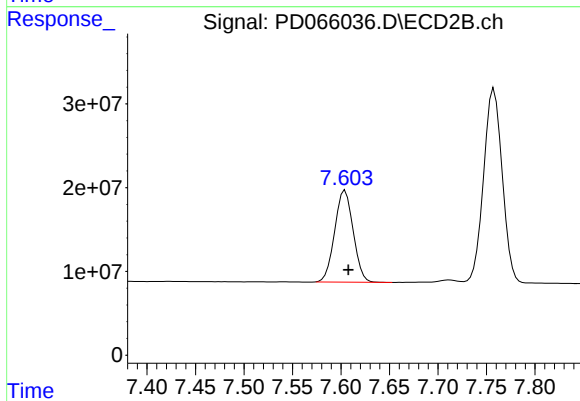
#19 Endosulfan Sulfate

R.T.: 7.285 min  
Delta R.T.: -0.003 min  
Response: 271369106  
Conc: 55.02 ng/ml



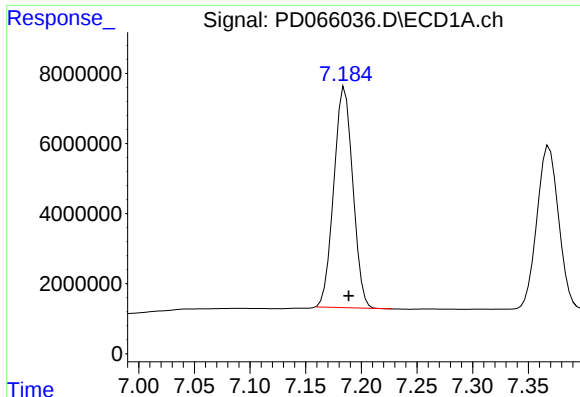
#20 Methoxychlor

R.T.: 6.947 min  
Delta R.T.: -0.003 min  
Response: 36640913  
Conc: 53.62 ng/ml



#20 Methoxychlor

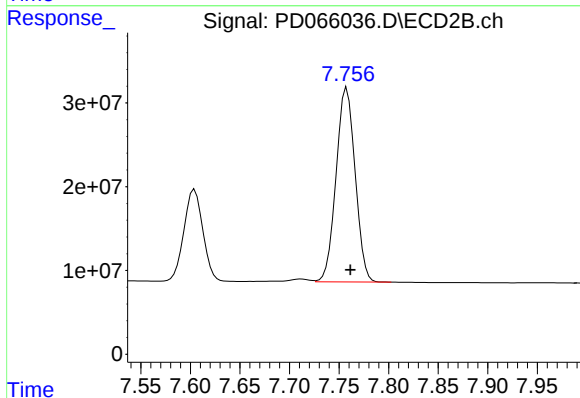
R.T.: 7.604 min  
Delta R.T.: -0.003 min  
Response: 145323994  
Conc: 55.22 ng/ml



#21 Endrin ketone

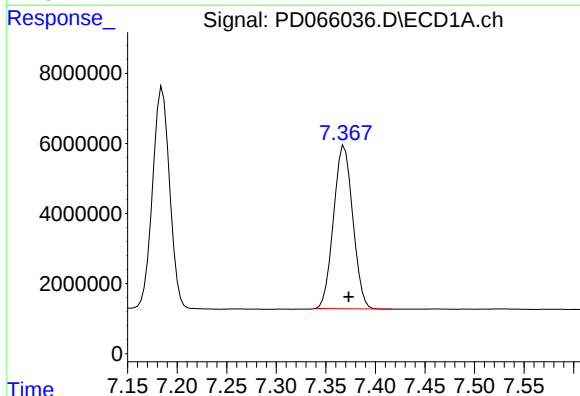
R.T.: 7.185 min  
Delta R.T.: -0.003 min  
Response: 74736349  
Conc: 53.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



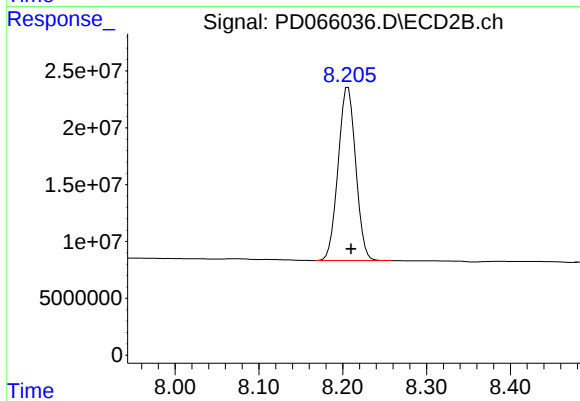
#21 Endrin ketone

R.T.: 7.758 min  
Delta R.T.: -0.004 min  
Response: 310412613  
Conc: 54.43 ng/ml



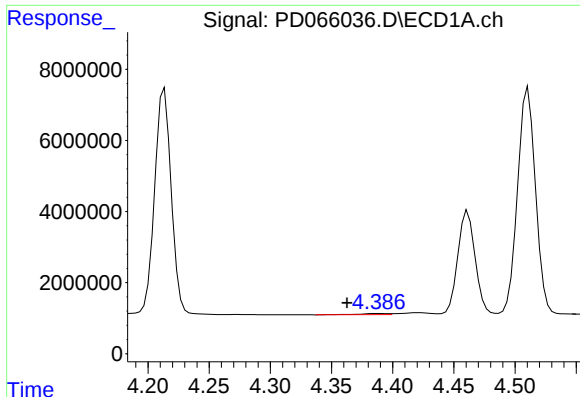
#22 Mirex

R.T.: 7.369 min  
Delta R.T.: -0.004 min  
Response: 62802528  
Conc: 52.02 ng/ml



#22 Mirex

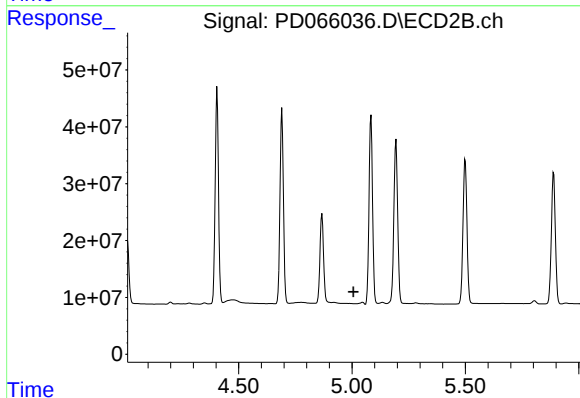
R.T.: 8.206 min  
Delta R.T.: -0.004 min  
Response: 222435027  
Conc: 56.33 ng/ml



#23 Chlordane-1

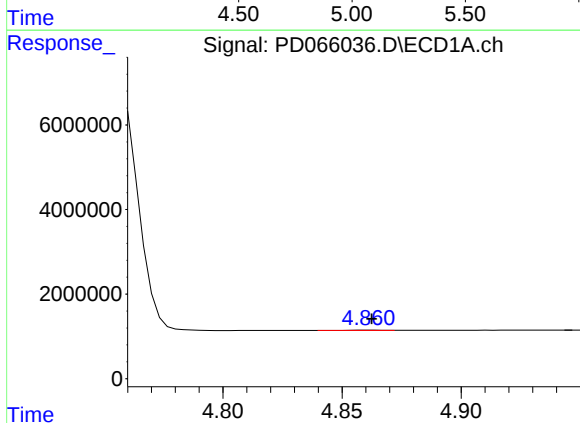
R.T.: 4.388 min  
Delta R.T.: 0.025 min  
Response: 542040  
Conc: 16.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



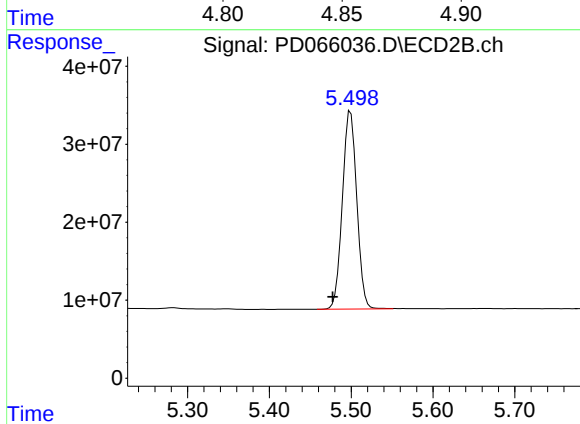
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.007 min  
Response: 0  
Conc: N.D.



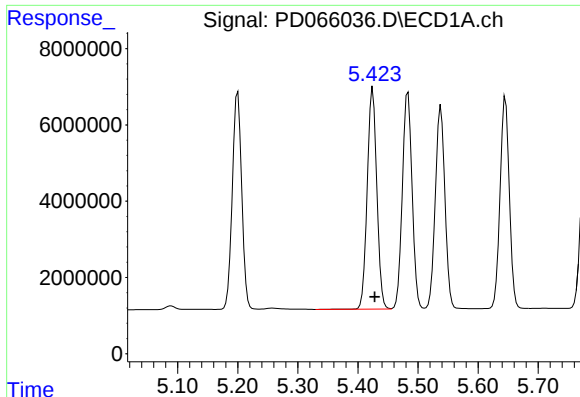
#24 Chlordane-2

R.T.: 4.861 min  
Delta R.T.: -0.001 min  
Response: 60878  
Conc: 1.50 ng/ml



#24 Chlordane-2

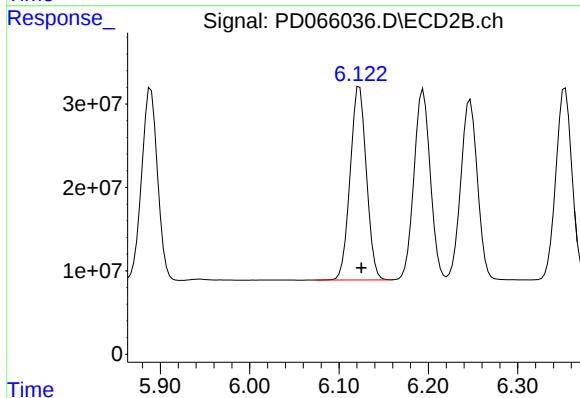
R.T.: 5.499 min  
Delta R.T.: 0.022 min  
Response: 309627838  
Conc: 1338.57 ng/ml



#25 Chlordane-3

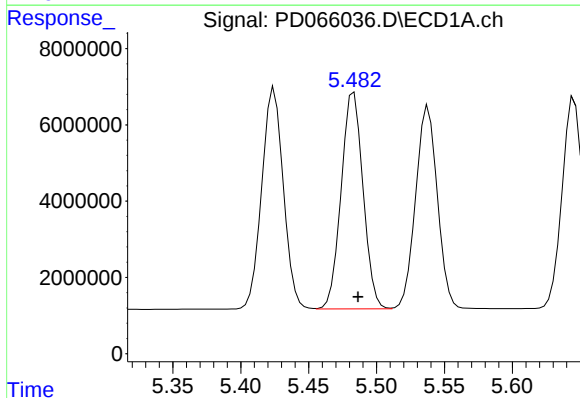
R.T.: 5.425 min  
Delta R.T.: -0.003 min  
Response: 64285942  
Conc: 545.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



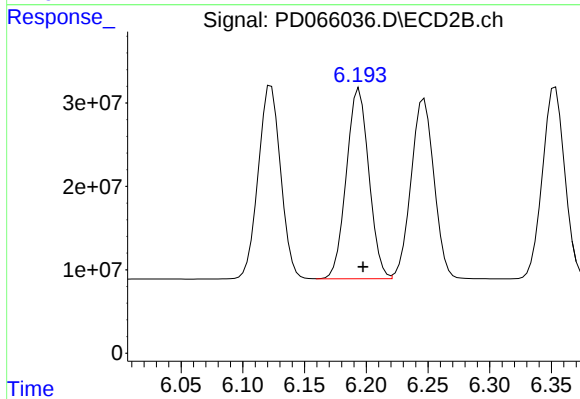
#25 Chlordane-3

R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 293347507  
Conc: 357.72 ng/ml



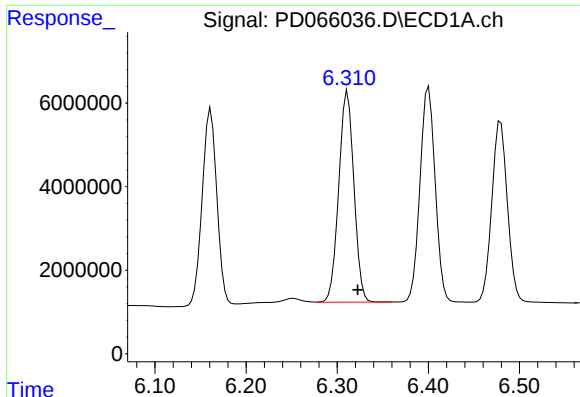
#26 Chlordane-4

R.T.: 5.483 min  
Delta R.T.: -0.003 min  
Response: 63671833  
Conc: 644.68 ng/ml



#26 Chlordane-4

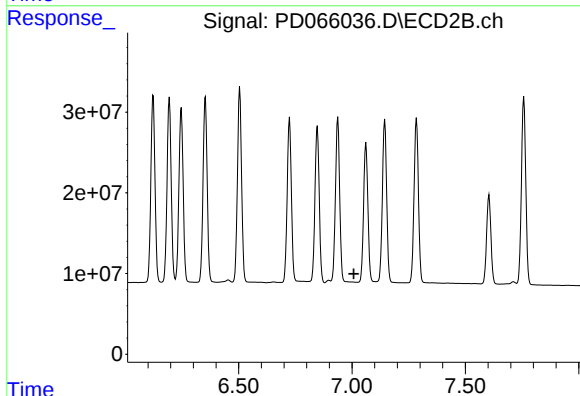
R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 290313650  
Conc: 302.67 ng/ml



#27 Chlordane-5

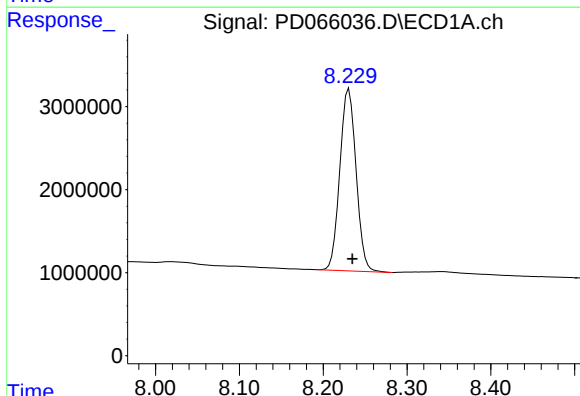
R.T.: 6.311 min  
Delta R.T.: -0.011 min  
Response: 58464973  
Conc: 1202.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



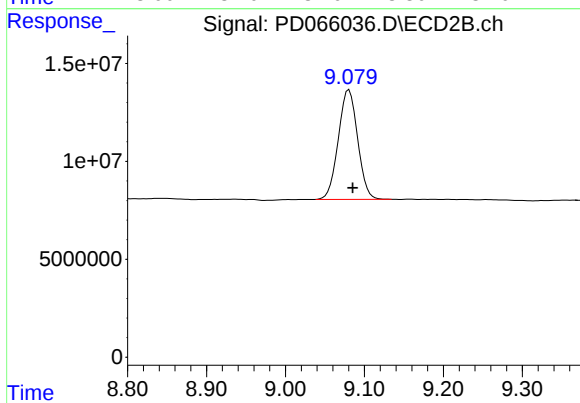
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.008 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.231 min  
Delta R.T.: -0.004 min  
Response: 29516298  
Conc: 21.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min  
Delta R.T.: -0.005 min  
Response: 95354803  
Conc: 24.64 ng/ml