

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
 Data File : PD063024.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2021 19:54  
 Operator : AR\AJ  
 Sample : M2383-08  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 KTW-02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 18 07:21:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 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... | 3.440  | 3.968  | 29691195 | 425.8E6    | 26.955  | 36.743 #  |
| 2)                          | SA Decachlor... | 8.195  | 9.026  | 18453604 | -103958041 | 14.663  | N.D. #    |
| Target Compounds            |                 |        |        |          |            |         |           |
| 2)                          | A alpha-BHC     | 3.865  | 4.382f | 197.3E6  | 1749.4E6   | 113.795 | 90.858    |
| 3)                          | MA gamma-BHC... | 4.169  | 4.649  | 7932940  | 6460897    | 4.879   | 0.374 #   |
| 4)                          | MA Heptachlor   | 4.456  | 5.130f | 11128362 | 598.4E6    | 7.074   | 36.092 #  |
| 5)                          | MB Aldrin       | 4.701  | 5.464  | 60331368 | 215.9E6    | 39.381  | 12.934 #  |
| 6)                          | B beta-BHC      | 4.431f | 4.829f | -1314960 | 3202.4E6   | N.D.    | 431.742   |
| 7)                          | B delta-BHC     | 4.629  | 5.048f | 64529231 | 87349331   | 39.147  | 6.252 #   |
| 8)                          | B Heptachlo...  | 5.143  | 5.817f | 12021877 | 443.3E6    | 8.342   | 28.980 #  |
| 9)                          | A Endosulfan I  | 5.493  | 6.193  | 15887799 | 315.9E6    | 11.708  | 22.237 #  |
| 10)                         | B gamma-Chl...  | 5.366  | 6.088  | 98394264 | 102.8E6    | 67.081  | 6.596 #   |
| 11)                         | B alpha-Chl...  | 5.442  | 6.131f | 41126780 | 203.4E6    | 28.486  | 13.722 #  |
| 12)                         | B 4,4'-DDE      | 5.600  | 6.325f | 7514865  | 143.2E6    | 5.238   | 9.486 #   |
| 13)                         | MA Dieldrin     | 0.000  | 6.455  | 0        | 53047484   | N.D.    | 3.498 #   |
| 14)                         | MA Endrin       | 6.004  | 6.664  | 6452847  | 17179167   | 4.825   | 1.346 #   |
| 15)                         | B Endosulfa...  | 6.278  | 6.880  | 5278483  | 442.2E6    | 4.243   | 36.879 #  |
| 17)                         | MA 4,4'-DDT     | 6.377f | 7.091  | 1675530  | 36541968   | 1.466   | 3.241 #   |
| 18)                         | B Endrin al...  | 6.447  | 7.003  | 2782099  | 65053574   | 2.617   | 6.387 #   |
| 21)                         | B Endrin ke...  | 7.142  | 7.700  | 5779126  | 2978494    | 3.911   | 0.248 #   |
| 22)                         | Mirex           | 7.324  | 8.176f | 10699621 | 121.0E6    | 9.972   | 15.912 #  |
| 23)                         | Chlordane-1     | 4.319  | 4.955  | 27155222 | 192.6E6    | 743.037 | 287.825 # |
| 24)                         | Chlordane-2     | 4.803  | 5.434  | 20891656 | 461.5E6    | 454.438 | 946.841 # |
| 25)                         | Chlordane-3     | 5.366f | 6.088  | 98394264 | 102.8E6    | 685.046 | 50.153 #  |
| 26)                         | Chlordane-4     | 5.442  | 6.131f | 41126780 | 203.4E6    | 348.552 | 86.452 #  |
| 27)                         | Chlordane-5     | 6.278  | 6.967  | 5278483  | 92011930   | 114.927 | 215.771 # |
| -----                       |                 |        |        |          |            |         |           |

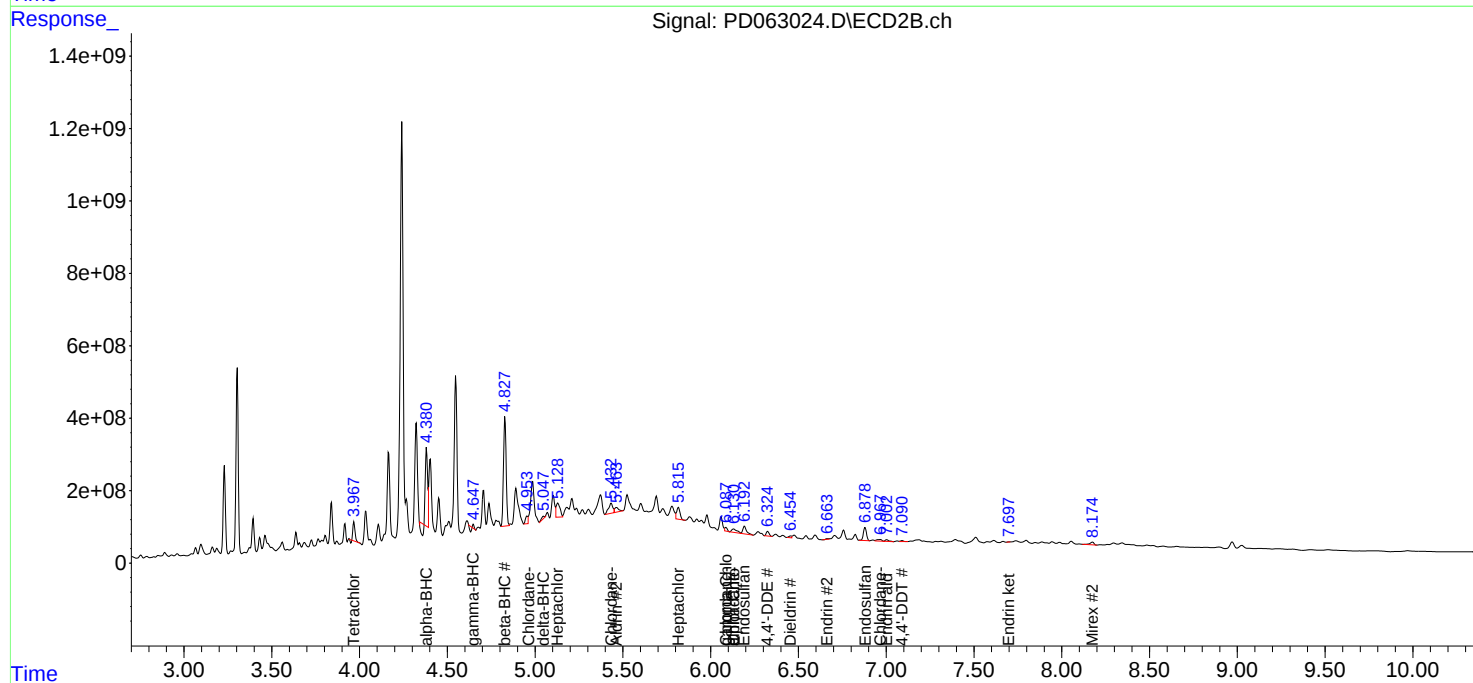
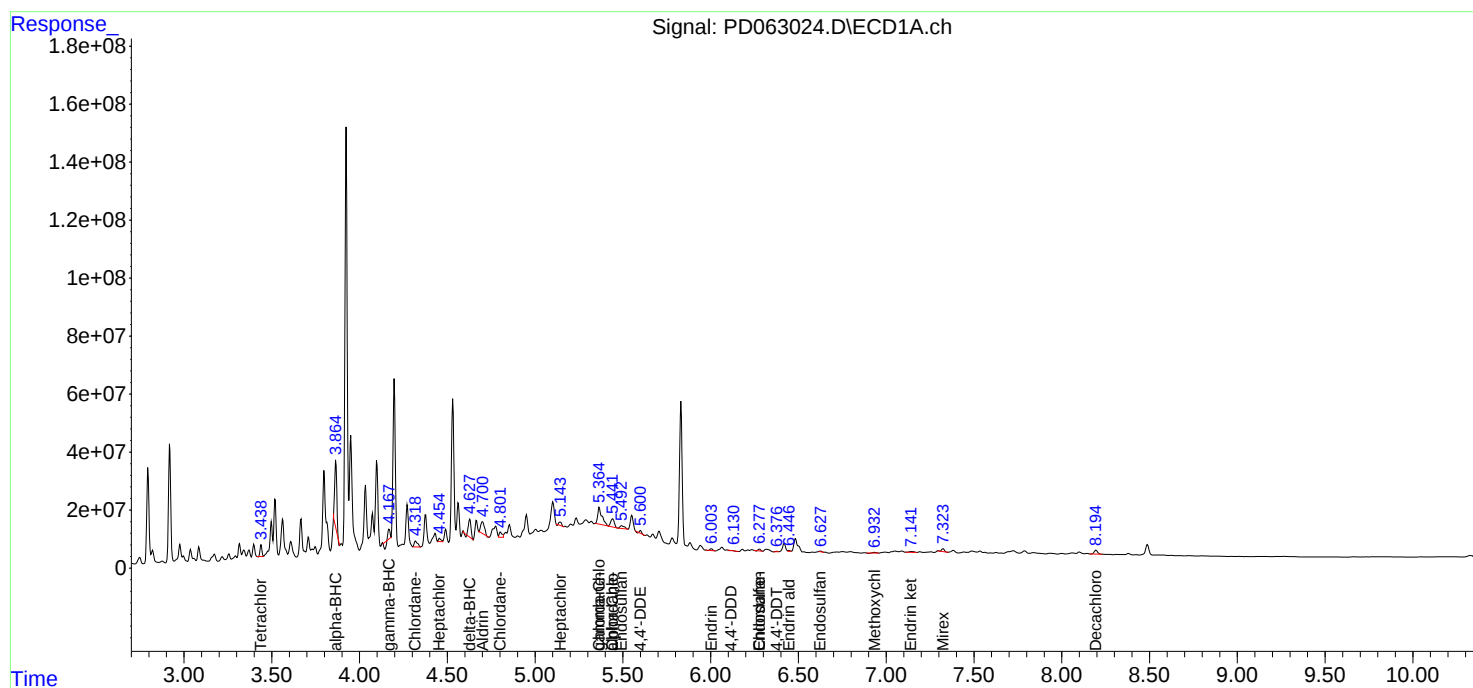
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

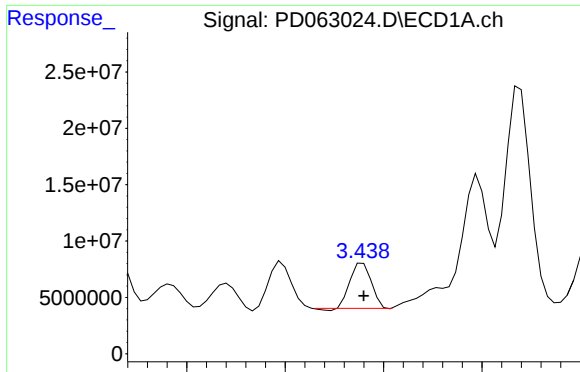
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
Data File : PD063024.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2021 19:54  
Operator : AR\AJ  
Sample : M2383-08  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 07:21:01 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 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

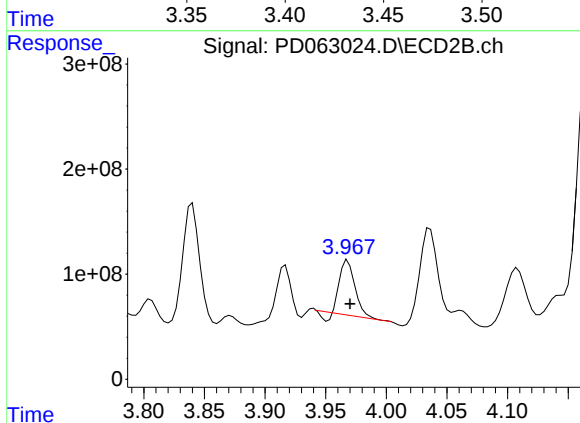




#1 Tetrachloro-m-xylene

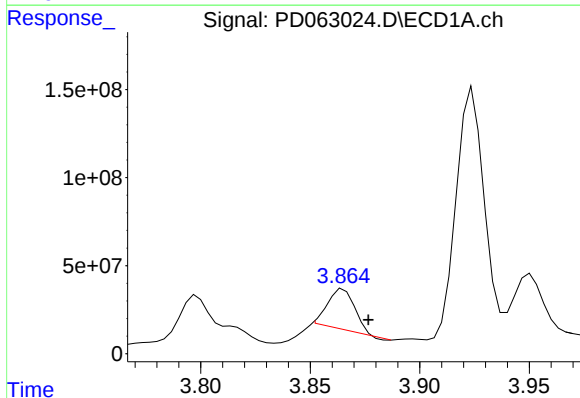
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 29691195  
Conc: 26.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



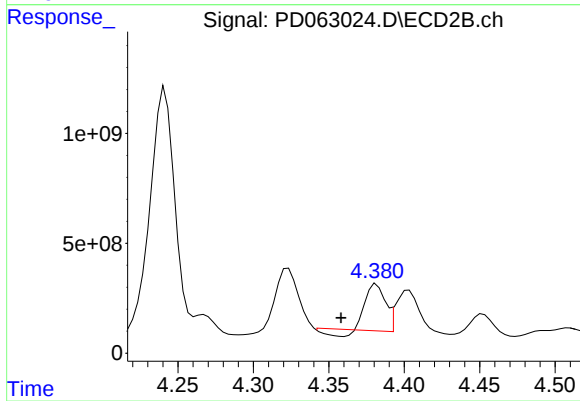
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: -0.002 min  
Response: 425783863  
Conc: 36.74 ng/ml



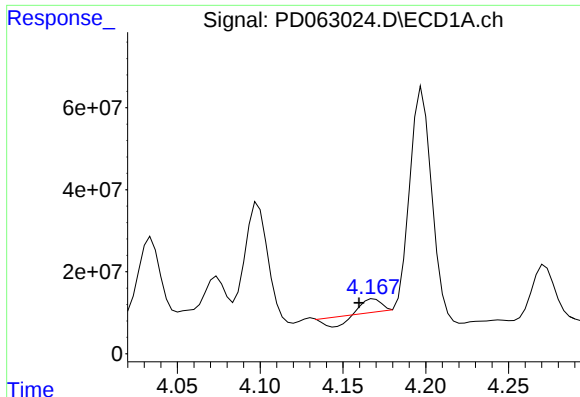
#2 alpha-BHC

R.T.: 3.865 min  
Delta R.T.: -0.011 min  
Response: 197305506  
Conc: 113.79 ng/ml



#2 alpha-BHC

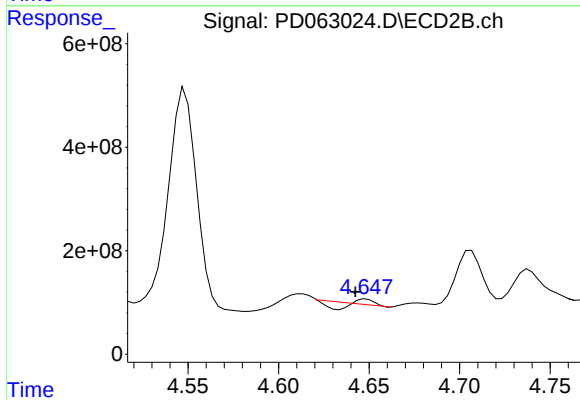
R.T.: 4.382 min  
Delta R.T.: 0.023 min  
Response: 1749430586  
Conc: 90.86 ng/ml



#3 gamma-BHC (Lindane)

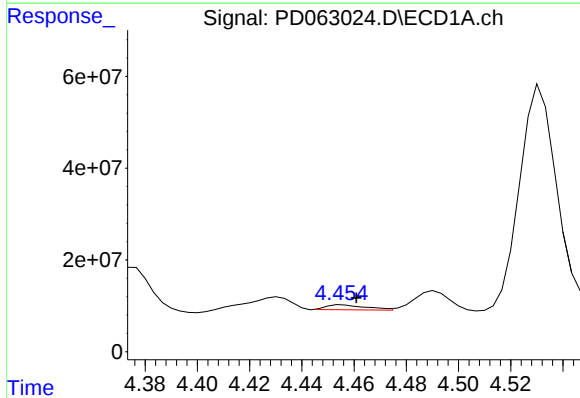
R.T.: 4.169 min  
Delta R.T.: 0.009 min  
Response: 7932940  
Conc: 4.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



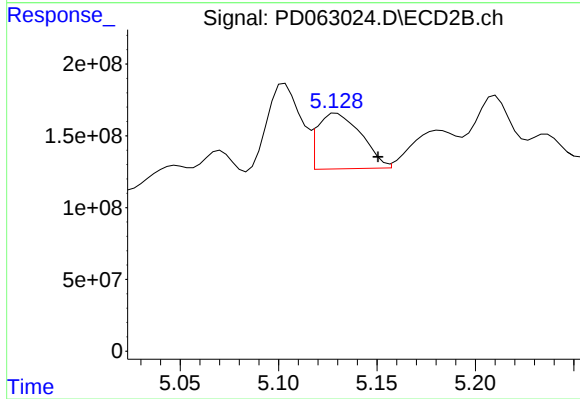
#3 gamma-BHC (Lindane)

R.T.: 4.649 min  
Delta R.T.: 0.006 min  
Response: 6460897  
Conc: 0.37 ng/ml



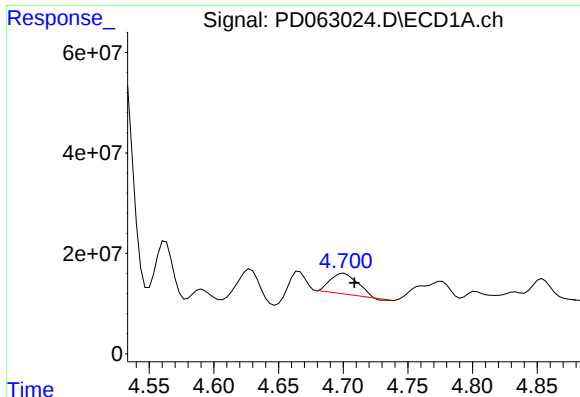
#4 Heptachlor

R.T.: 4.456 min  
Delta R.T.: -0.005 min  
Response: 11128362  
Conc: 7.07 ng/ml



#4 Heptachlor

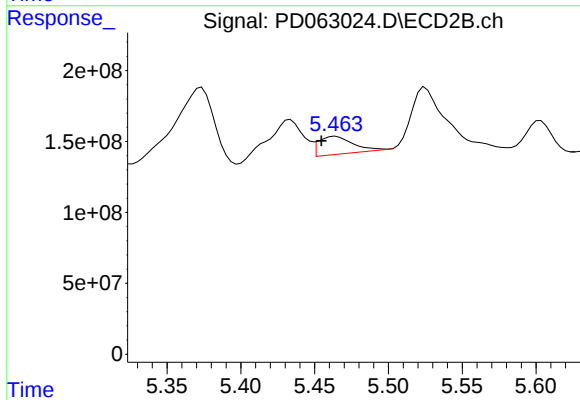
R.T.: 5.130 min  
Delta R.T.: -0.021 min  
Response: 598429964  
Conc: 36.09 ng/ml



#5 Aldrin

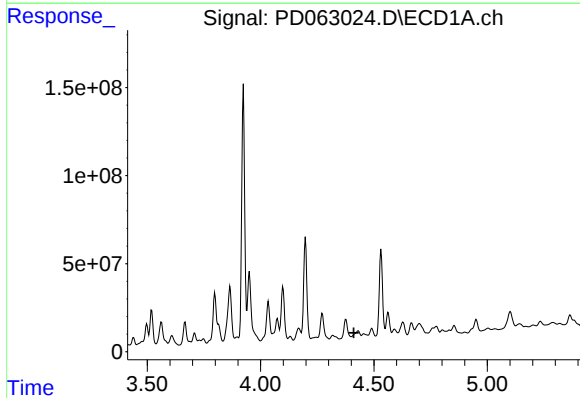
R.T.: 4.701 min  
Delta R.T.: -0.008 min  
Response: 60331368  
Conc: 39.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



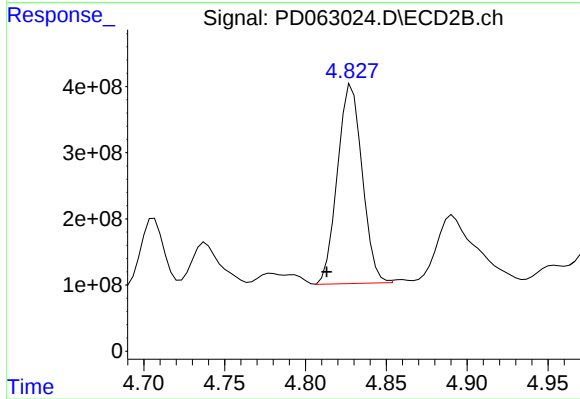
#5 Aldrin

R.T.: 5.464 min  
Delta R.T.: 0.010 min  
Response: 215897277  
Conc: 12.93 ng/ml



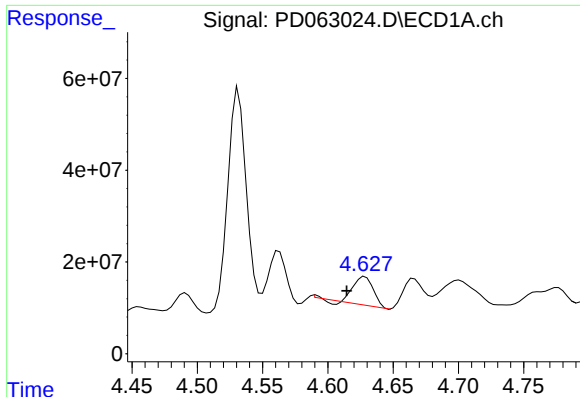
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.020 min  
Response: -1314960  
Conc: N.D.



#6 beta-BHC

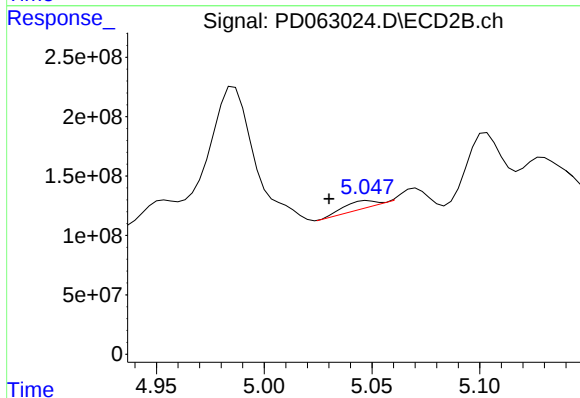
R.T.: 4.829 min  
Delta R.T.: 0.016 min  
Response: 3202438285  
Conc: 431.74 ng/ml



#7 delta-BHC

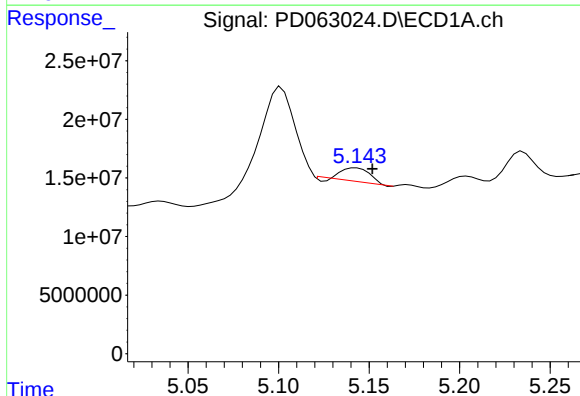
R.T.: 4.629 min  
Delta R.T.: 0.014 min  
Response: 64529231  
Conc: 39.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



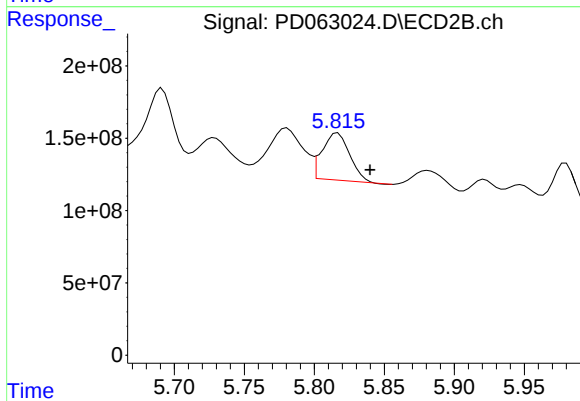
#7 delta-BHC

R.T.: 5.048 min  
Delta R.T.: 0.018 min  
Response: 87349331  
Conc: 6.25 ng/ml



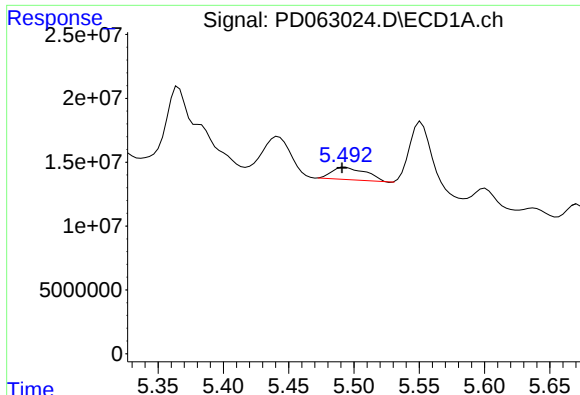
#8 Heptachlor epoxide

R.T.: 5.143 min  
Delta R.T.: -0.009 min  
Response: 12021877  
Conc: 8.34 ng/ml



#8 Heptachlor epoxide

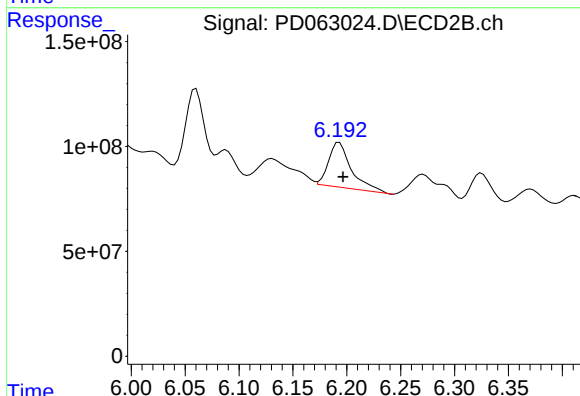
R.T.: 5.817 min  
Delta R.T.: -0.023 min  
Response: 443258643  
Conc: 28.98 ng/ml



#9 Endosulfan I

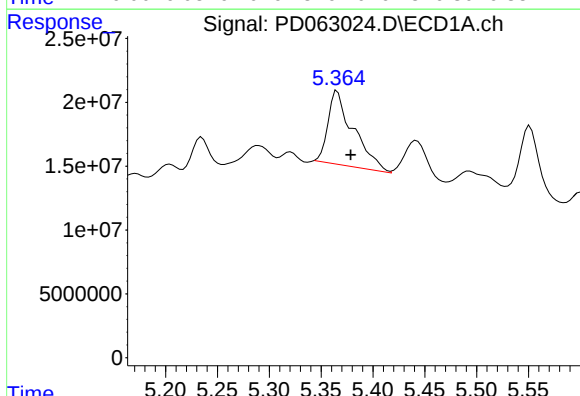
R.T.: 5.493 min  
Delta R.T.: 0.002 min  
Response: 15887799  
Conc: 11.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



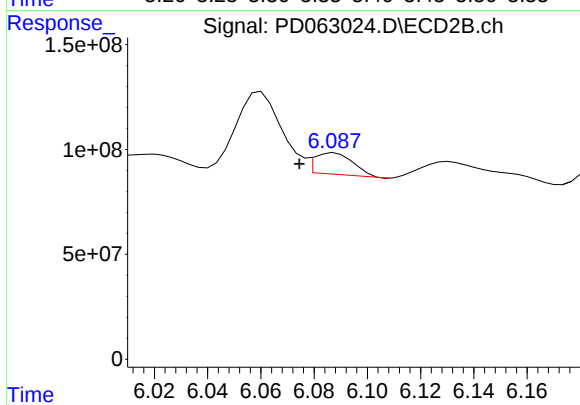
#9 Endosulfan I

R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 315878293  
Conc: 22.24 ng/ml



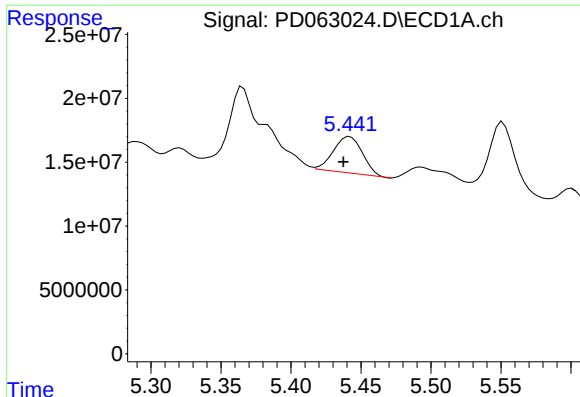
#10 gamma-Chlordane

R.T.: 5.366 min  
Delta R.T.: -0.013 min  
Response: 98394264  
Conc: 67.08 ng/ml



#10 gamma-Chlordane

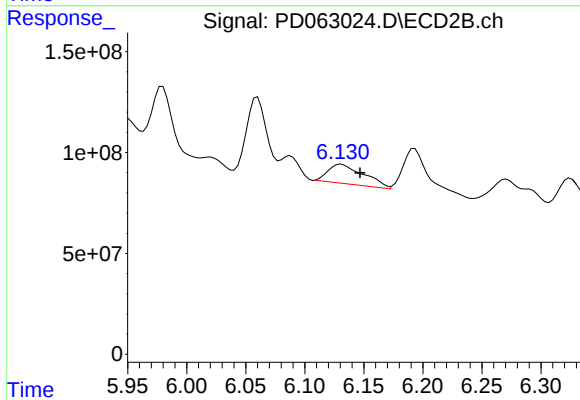
R.T.: 6.088 min  
Delta R.T.: 0.013 min  
Response: 102825201  
Conc: 6.60 ng/ml



#11 alpha-Chlordane

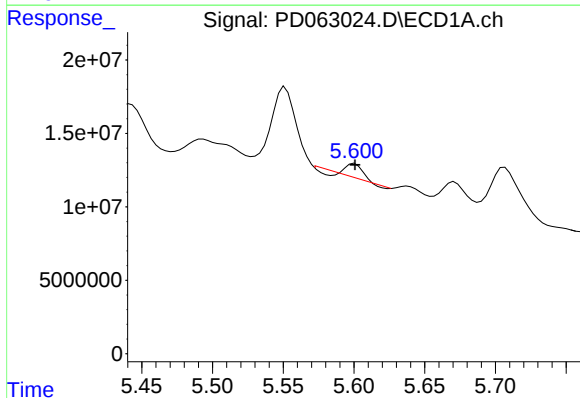
R.T.: 5.442 min  
Delta R.T.: 0.004 min  
Response: 41126780  
Conc: 28.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



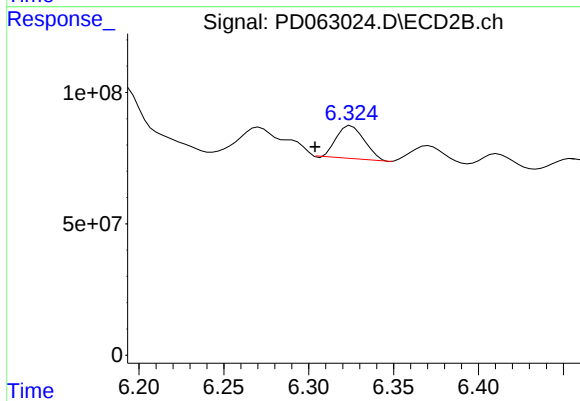
#11 alpha-Chlordane

R.T.: 6.131 min  
Delta R.T.: -0.016 min  
Response: 203359346  
Conc: 13.72 ng/ml



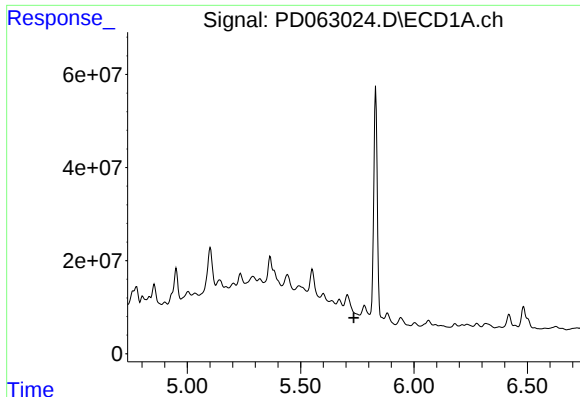
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: 0.000 min  
Response: 7514865  
Conc: 5.24 ng/ml



#12 4,4'-DDE

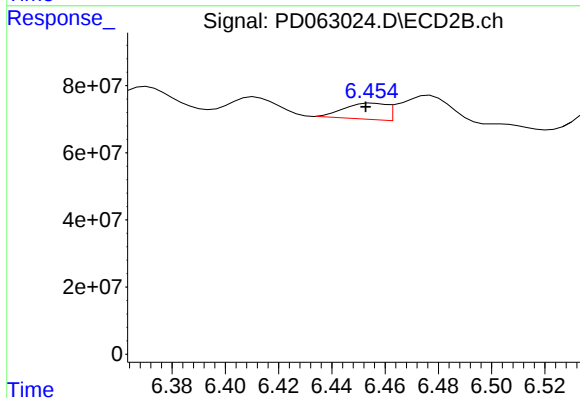
R.T.: 6.325 min  
Delta R.T.: 0.021 min  
Response: 143180373  
Conc: 9.49 ng/ml



#13 Dieldrin

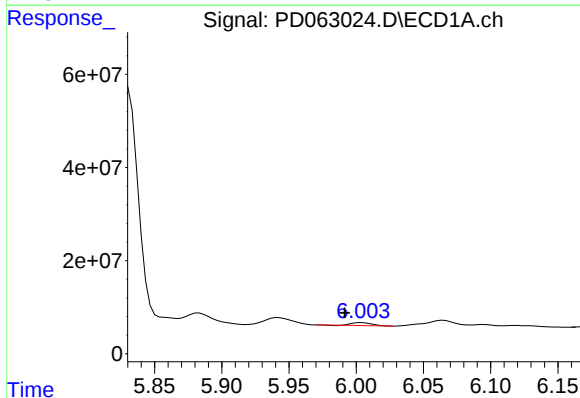
R.T.: 0.000 min  
Exp R.T.: 5.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



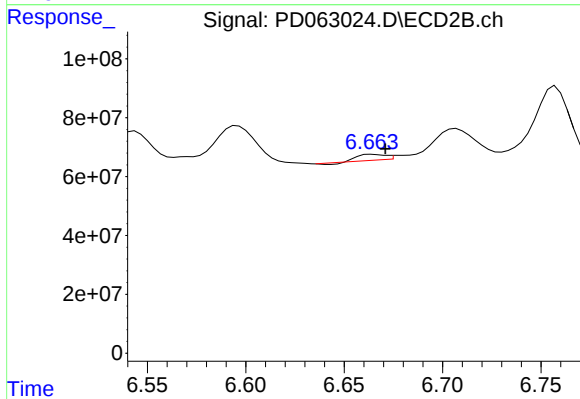
#13 Dieldrin

R.T.: 6.455 min  
Delta R.T.: 0.003 min  
Response: 53047484  
Conc: 3.50 ng/ml



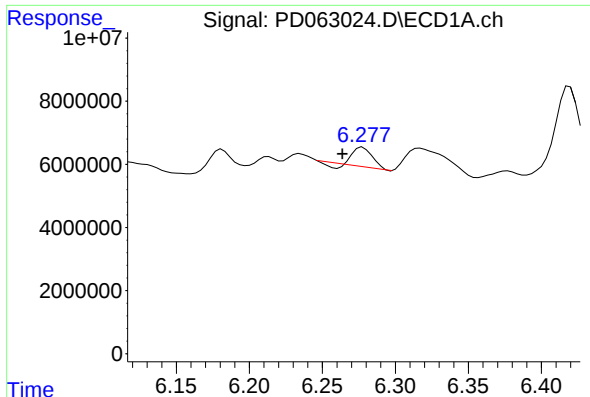
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: 0.013 min  
Response: 6452847  
Conc: 4.82 ng/ml



#14 Endrin

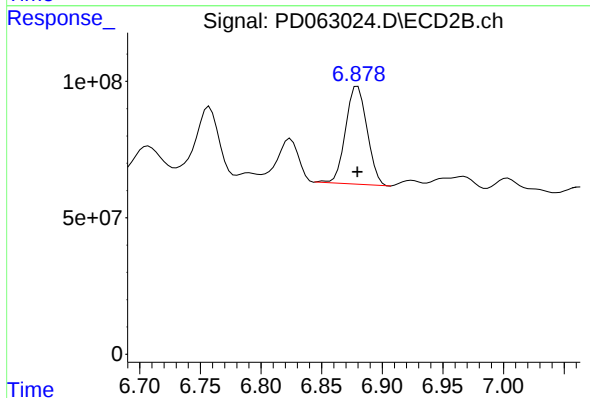
R.T.: 6.664 min  
Delta R.T.: -0.007 min  
Response: 17179167  
Conc: 1.35 ng/ml



#15 Endosulfan II

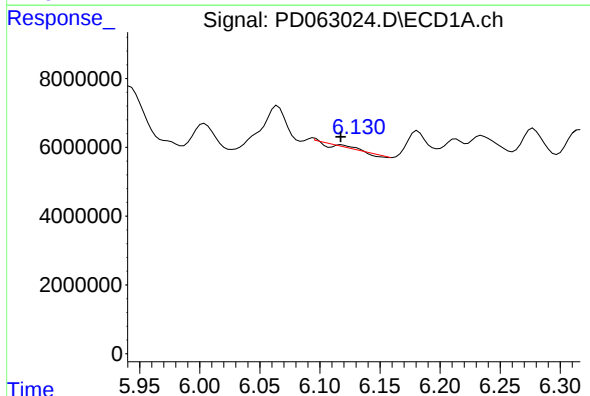
R.T.: 6.278 min  
Delta R.T.: 0.014 min  
Response: 5278483  
Conc: 4.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



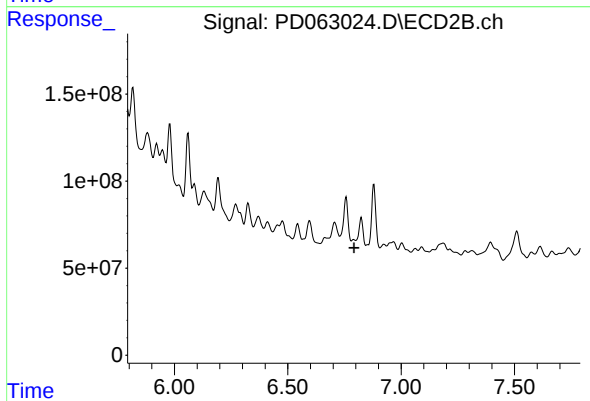
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 442241167  
Conc: 36.88 ng/ml



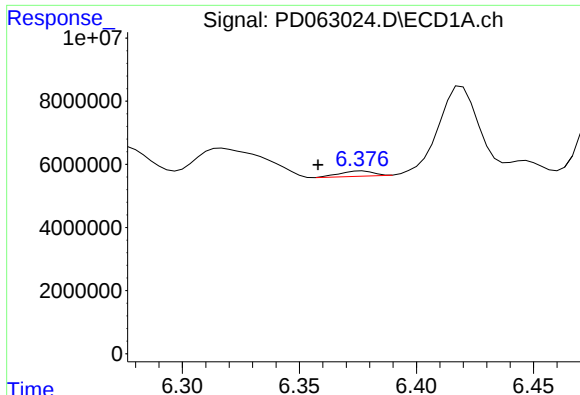
#16 4,4'-DDD

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 88743  
Conc: 0.07 ng/ml



#16 4,4'-DDD

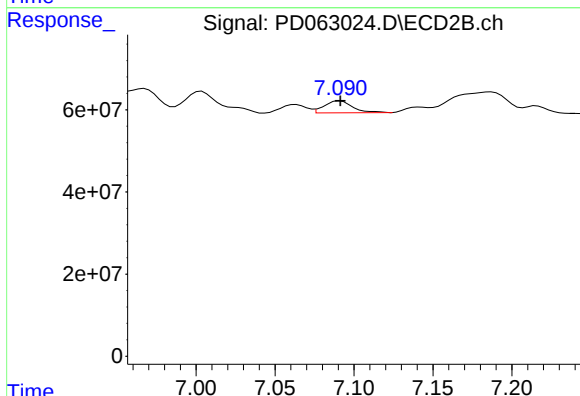
R.T.: 6.790 min  
Delta R.T.: -0.003 min  
Response: -128006590  
Conc: N.D.



#17 4,4'-DDT

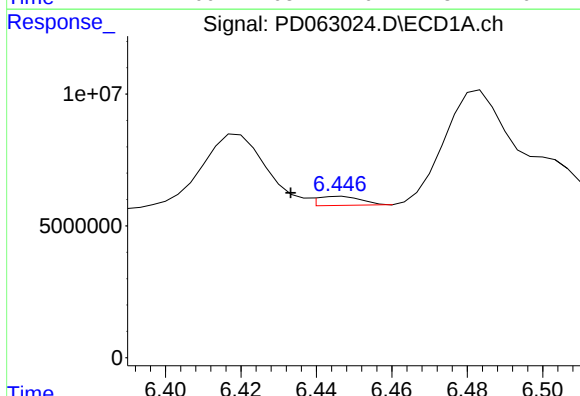
R.T.: 6.377 min  
Delta R.T.: 0.019 min  
Response: 1675530  
Conc: 1.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



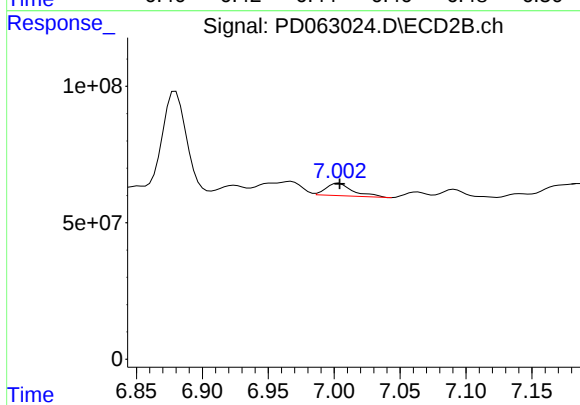
#17 4,4'-DDT

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 36541968  
Conc: 3.24 ng/ml



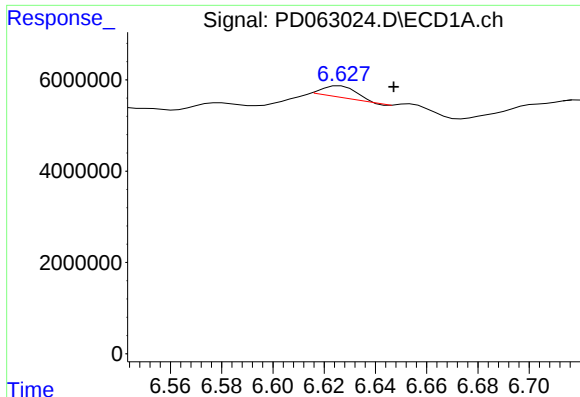
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: 0.013 min  
Response: 2782099  
Conc: 2.62 ng/ml



#18 Endrin aldehyde

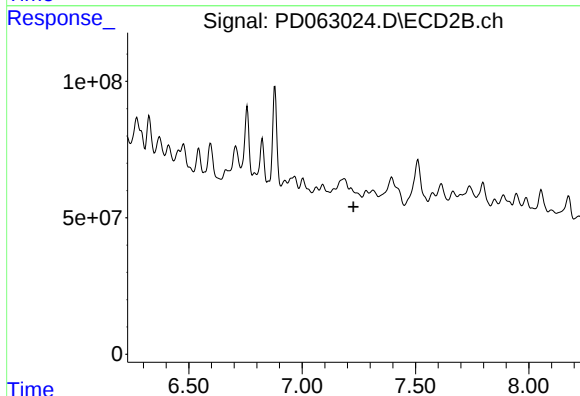
R.T.: 7.003 min  
Delta R.T.: 0.000 min  
Response: 65053574  
Conc: 6.39 ng/ml



#19 Endosulfan Sulfate

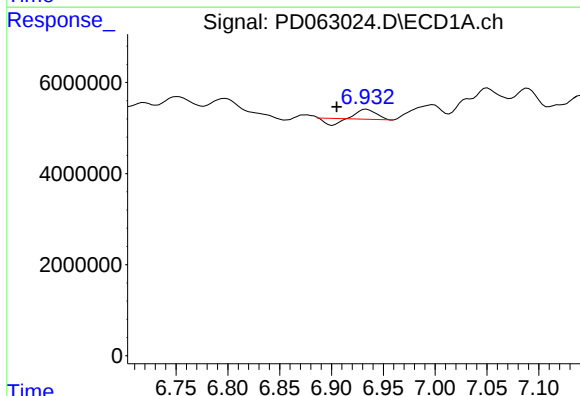
R.T.: 6.626 min  
Delta R.T.: -0.021 min  
Response: 2266680  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



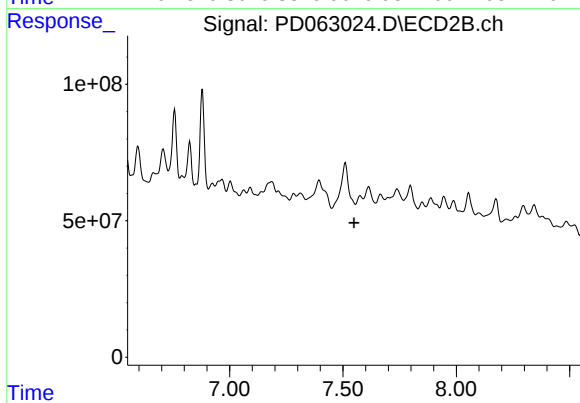
#19 Endosulfan Sulfate

R.T.: 7.216 min  
Delta R.T.: -0.011 min  
Response: -27230716  
Conc: N.D.



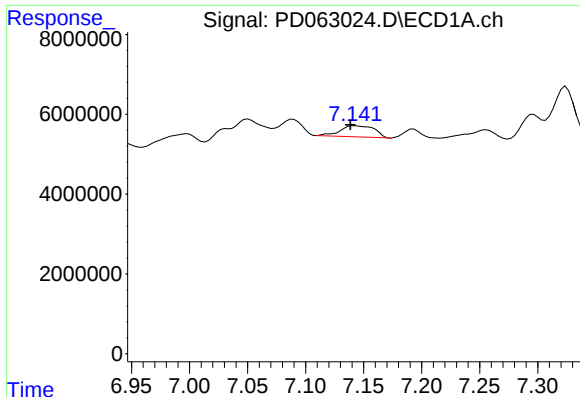
#20 Methoxychlor

R.T.: 6.934 min  
Delta R.T.: 0.029 min  
Response: 1787355  
Conc: 2.66 ng/ml



#20 Methoxychlor

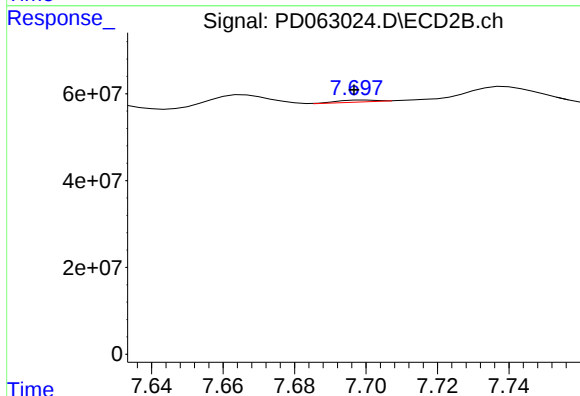
R.T.: 7.576 min  
Delta R.T.: 0.026 min  
Response: -27069274  
Conc: N.D.



#21 Endrin ketone

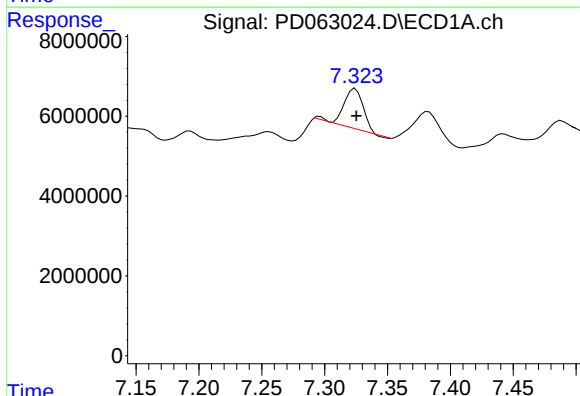
R.T.: 7.142 min  
Delta R.T.: 0.004 min  
Response: 5779126  
Conc: 3.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



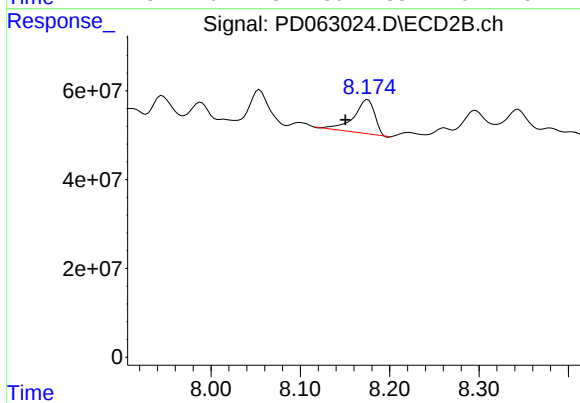
#21 Endrin ketone

R.T.: 7.700 min  
Delta R.T.: 0.003 min  
Response: 2978494  
Conc: 0.25 ng/ml



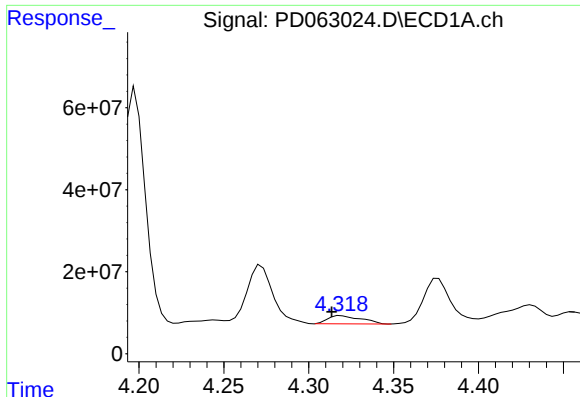
#22 Mirex

R.T.: 7.324 min  
Delta R.T.: 0.000 min  
Response: 10699621  
Conc: 9.97 ng/ml



#22 Mirex

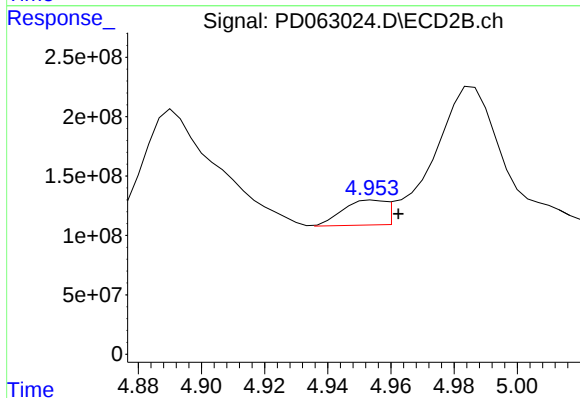
R.T.: 8.176 min  
Delta R.T.: 0.025 min  
Response: 121004823  
Conc: 15.91 ng/ml



#23 Chlordane-1

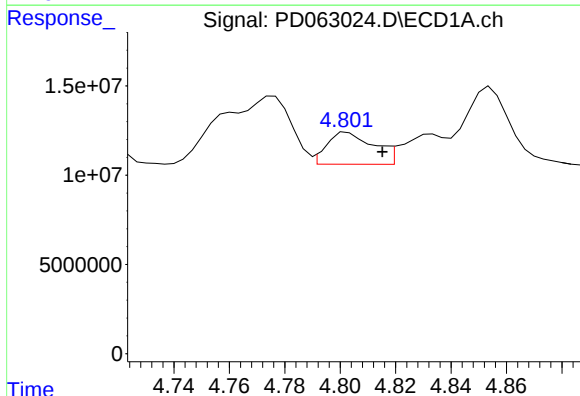
R.T.: 4.319 min  
Delta R.T.: 0.006 min  
Response: 27155222  
Conc: 743.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



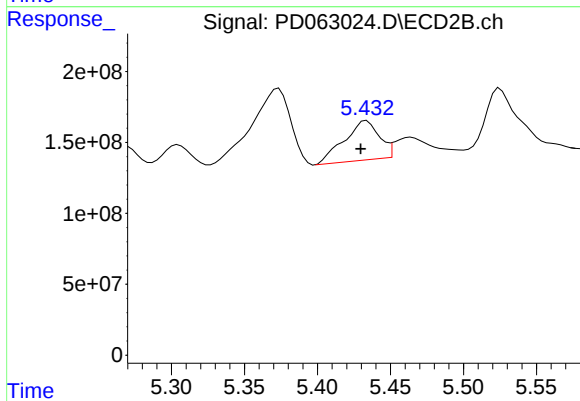
#23 Chlordane-1

R.T.: 4.955 min  
Delta R.T.: -0.008 min  
Response: 192633400  
Conc: 287.83 ng/ml



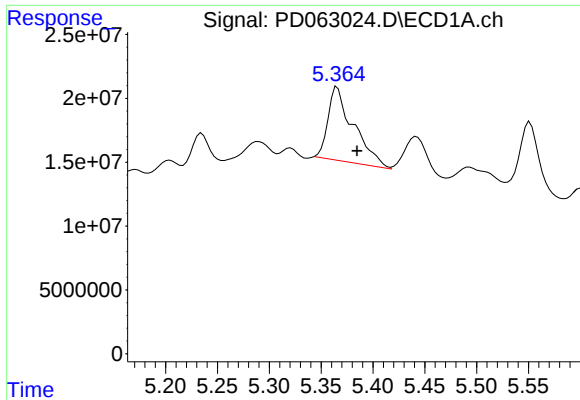
#24 Chlordane-2

R.T.: 4.803 min  
Delta R.T.: -0.013 min  
Response: 20891656  
Conc: 454.44 ng/ml



#24 Chlordane-2

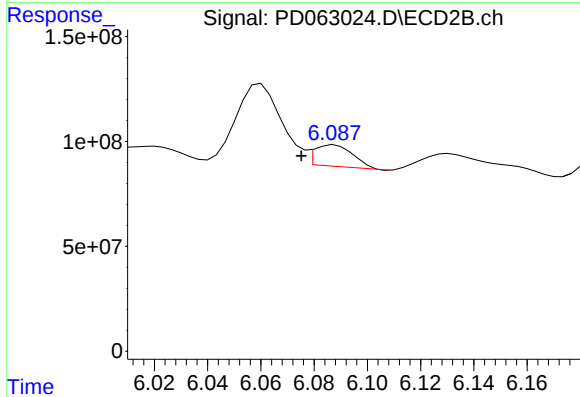
R.T.: 5.434 min  
Delta R.T.: 0.004 min  
Response: 461494851  
Conc: 946.84 ng/ml



#25 Chlordane-3

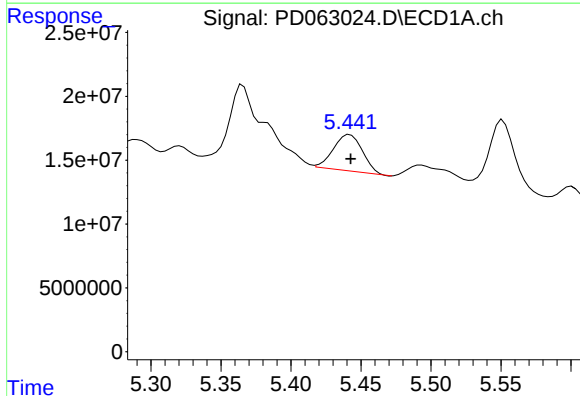
R.T.: 5.366 min  
Delta R.T.: -0.019 min  
Response: 98394264  
Conc: 685.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



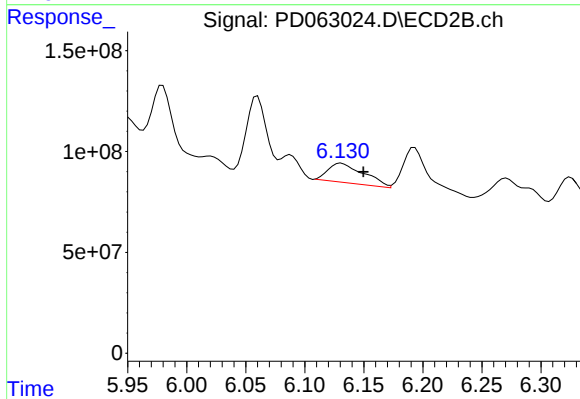
#25 Chlordane-3

R.T.: 6.088 min  
Delta R.T.: 0.013 min  
Response: 102825201  
Conc: 50.15 ng/ml



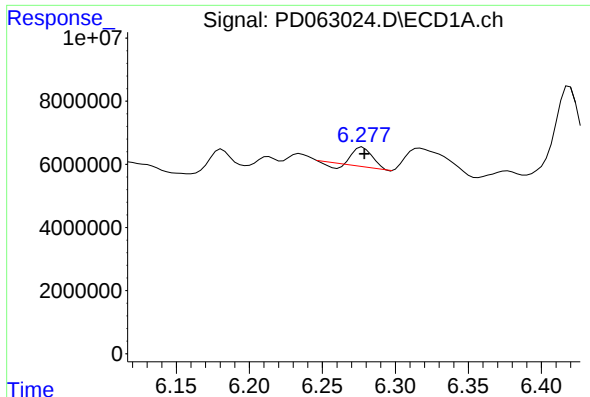
#26 Chlordane-4

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 41126780  
Conc: 348.55 ng/ml



#26 Chlordane-4

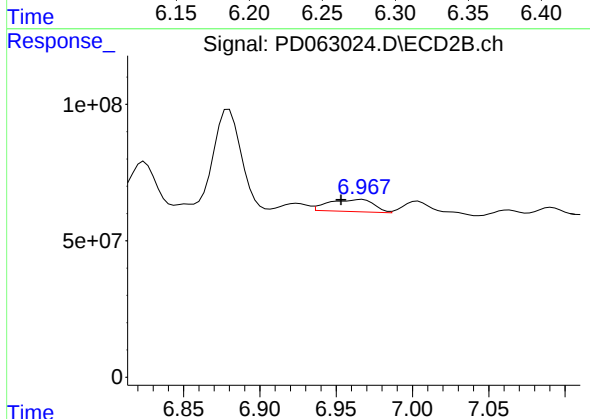
R.T.: 6.131 min  
Delta R.T.: -0.019 min  
Response: 203359346  
Conc: 86.45 ng/ml



#27 Chlordane-5

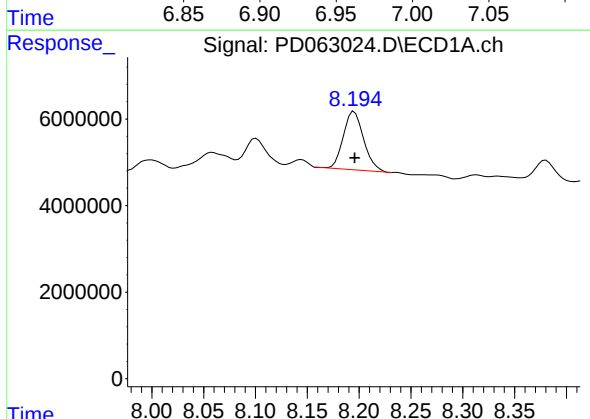
R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 5278483  
Conc: 114.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-02



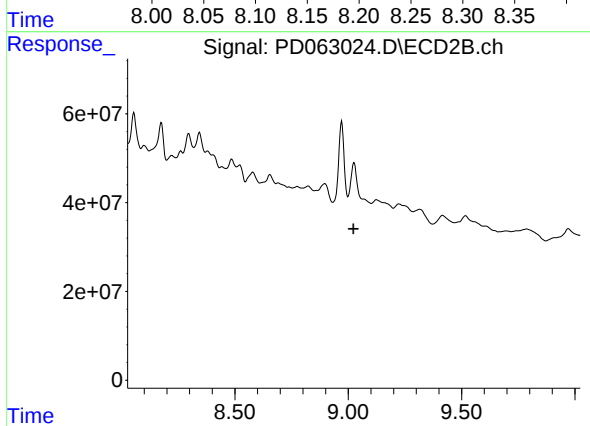
#27 Chlordane-5

R.T.: 6.967 min  
Delta R.T.: 0.014 min  
Response: 92011930  
Conc: 215.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 18453604  
Conc: 14.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.002 min  
Response: -103958041  
Conc: N.D.