

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043025\  
 Data File : PD088355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 13:34  
 Operator : AR\AJ  
 Sample : Q1910-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MOO-25-0123-27

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 00:23:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|-----------|---------|-----------|
| -----                       |                 |        |        |          |           |         |           |
| System Monitoring Compounds |                 |        |        |          |           |         |           |
| 1)                          | SA Tetrachlo... | 3.551  | 2.882  | 32117175 | 179.1E6   | 16.080  | 12.251    |
| 28)                         | SA Decachlor... | 9.078  | 8.075  | 42463596 | 215.5E6   | 12.836  | 11.663    |
| Target Compounds            |                 |        |        |          |           |         |           |
| 2)                          | A alpha-BHC     | 4.014  | 3.379f | 129166   | 1809196   | 0.030   | 0.079 #   |
| 3)                          | MA gamma-BHC... | 4.302f | 3.736  | 76427413 | 52338395  | 18.251  | 2.430 #   |
| 4)                          | MA Heptachlor   | 4.948f | 4.086  | 3670135  | 6664370   | 0.909   | 0.311 #   |
| 5)                          | MB Aldrin       | 5.256f | 4.394f | 12566896 | 13331229  | 3.182   | 0.641 #   |
| 6)                          | B beta-BHC      | 4.492f | 4.041  | 2403878  | 6388908   | 1.481   | 0.690 #   |
| 7)                          | B delta-BHC     | 4.782f | 4.268  | 12570236 | 4886142   | 3.047   | 0.230 #   |
| 8)                          | B Heptachlo...  | 5.691  | 4.875  | -923055  | 139.9E6   | N.D.    | 7.404     |
| 9)                          | A Endosulfan I  | 6.100f | 5.269f | 10440775 | 53692767  | 3.092   | 2.981     |
| 10)                         | B gamma-Chl...  | 5.949  | 5.129  | 334.3E6  | 709.0E6   | 92.305  | 34.933 #  |
| 11)                         | B alpha-Chl...  | 6.036  | 5.193  | 668.6E6  | 957.2E6   | 185.217 | 48.832 #  |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.378  | 64260107 | 360.1E6   | 19.483  | 18.286    |
| 13)                         | MA Dieldrin     | 6.348  | 5.514  | 5572874  | 37703498  | 1.562   | 1.892     |
| 14)                         | MA Endrin       | 6.572  | 5.793  | 1460890  | 115.2E6   | 0.490   | 6.329 #   |
| 15)                         | B Endosulfa...  | 6.801  | 6.093  | 2949876  | 413.0E6   | 0.944   | 23.573 #  |
| 16)                         | A 4,4'-DDD      | 6.686f | 5.933  | 77881708 | -74656267 | 30.967  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.187  | 90143485 | 426.2E6   | 32.454  | 25.047    |
| 18)                         | B Endrin al...  | 6.929  | 6.239f | 15874578 | 82496763  | 6.878   | 6.202     |
| 19)                         | B Endosulfa...  | 7.174f | 6.495  | -2258318 | 55397561  | N.D.    | 3.233     |
| 20)                         | A Methoxychlor  | 7.465f | 6.740f | 414803   | 20224016  | 0.277   | 2.217 #   |
| 21)                         | B Endrin ke...  | 7.622  | 6.973f | 4256165  | 12407698  | 1.379   | 0.663 #   |
| 22)                         | Mirex           | 8.098f | 7.199  | 1922872  | 811755    | 0.819   | 0.055 #   |
| 23)                         | Chlordane-1     | 4.716  | 3.908  | 4678823  | 44891631  | 28.161  | 55.995 #  |
| 24)                         | Chlordane-2     | 5.256  | 4.498  | 12566896 | 62908329  | 75.464  | 76.224    |
| 25)                         | Chlordane-3     | 5.949  | 5.129  | 334.3E6  | 709.0E6   | 495.655 | 280.342 # |
| 26)                         | Chlordane-4     | 6.036  | 5.193  | 668.6E6  | 957.2E6   | 819.984 | 447.698 # |
| 27)                         | Chlordane-5     | 6.873  | 6.093  | 66957920 | 413.0E6   | 492.805 | 427.791   |
| -----                       |                 |        |        |          |           |         |           |

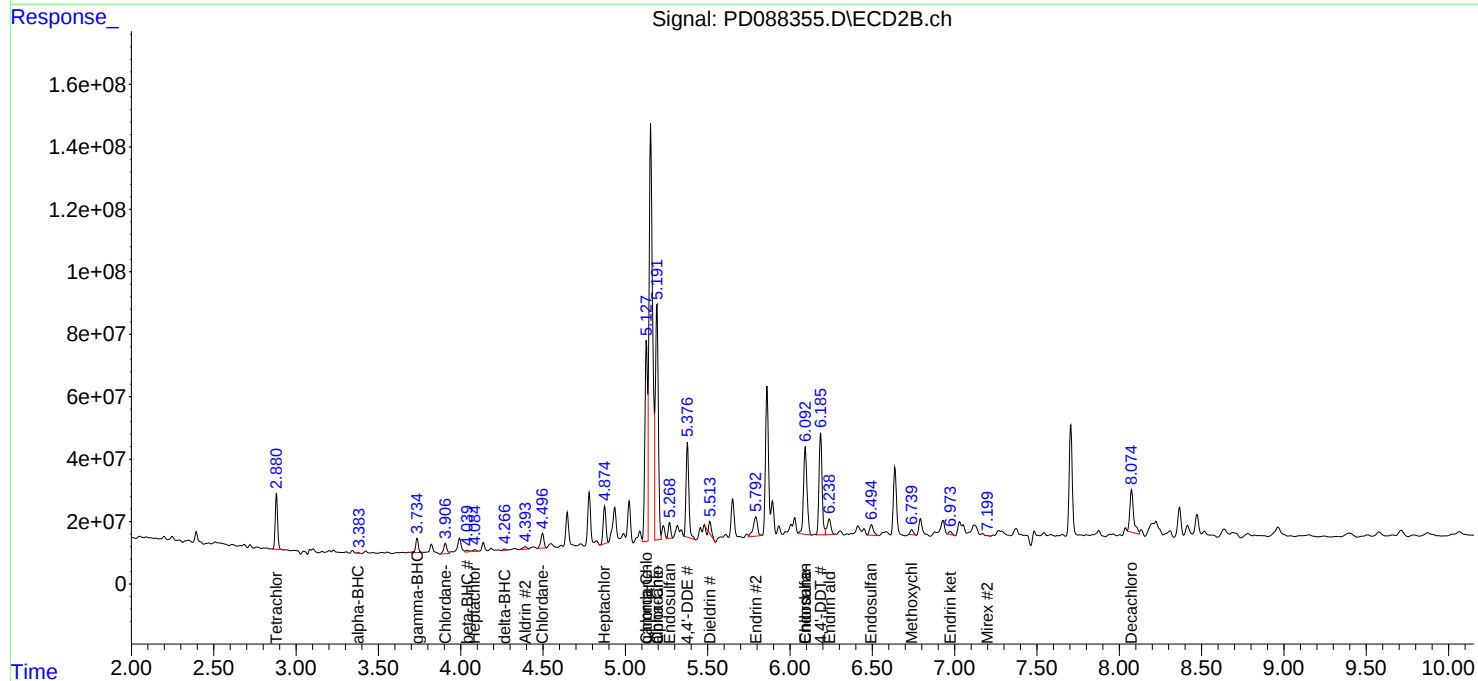
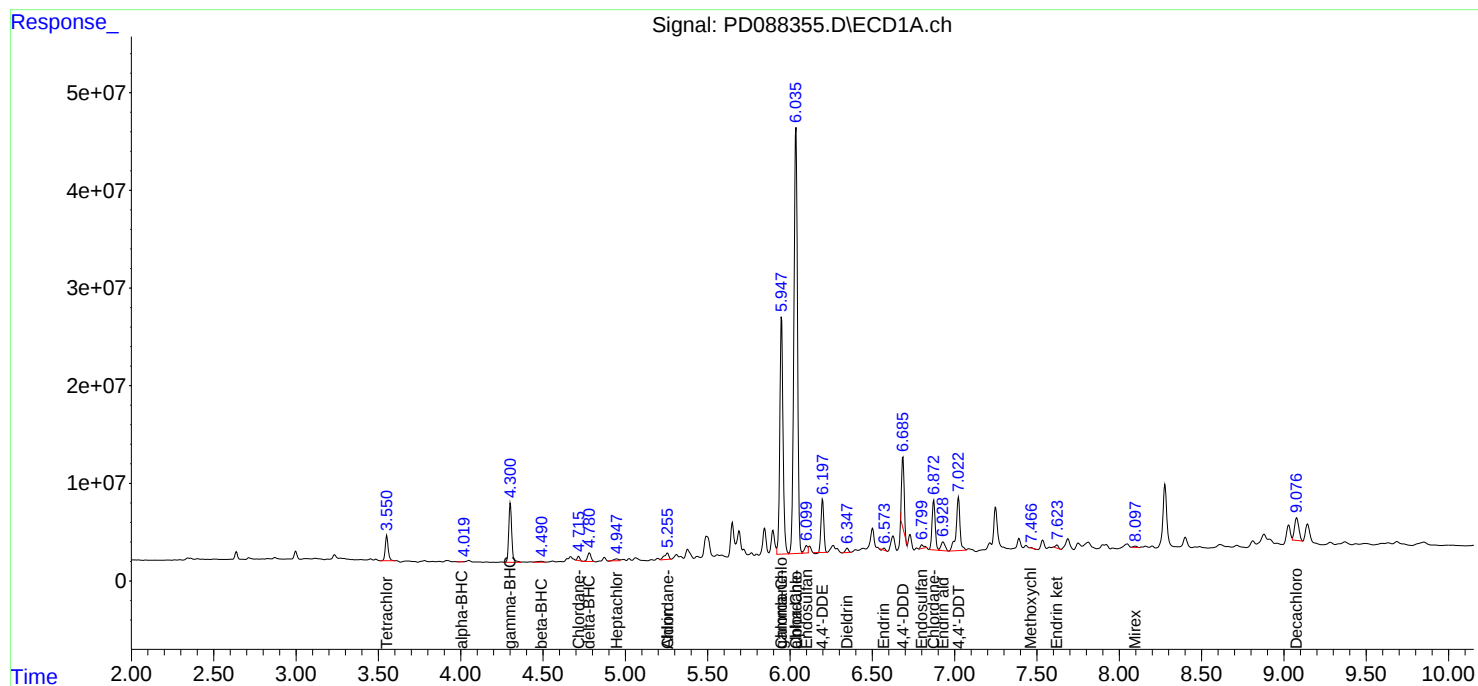
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

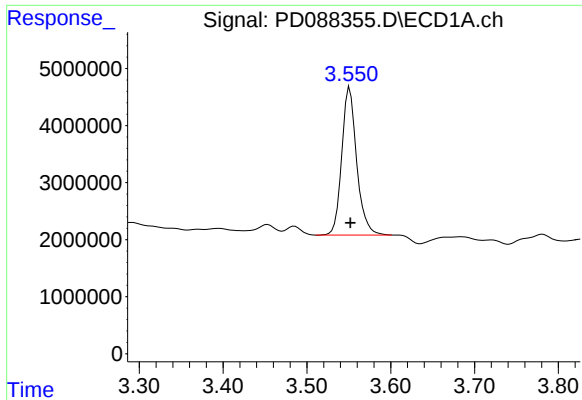
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043025\  
Data File : PD088355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 13:34  
Operator : AR\AJ  
Sample : Q1910-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 00:23:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

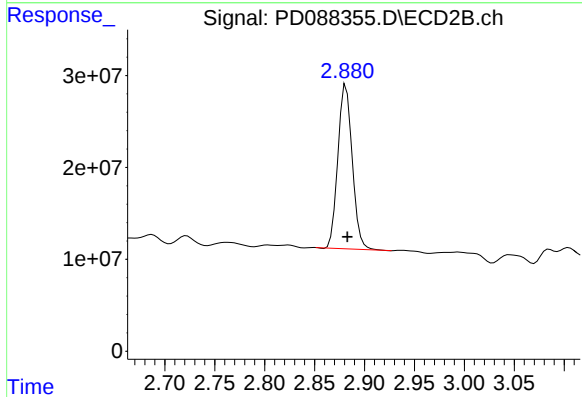




#1 Tetrachloro-m-xylene

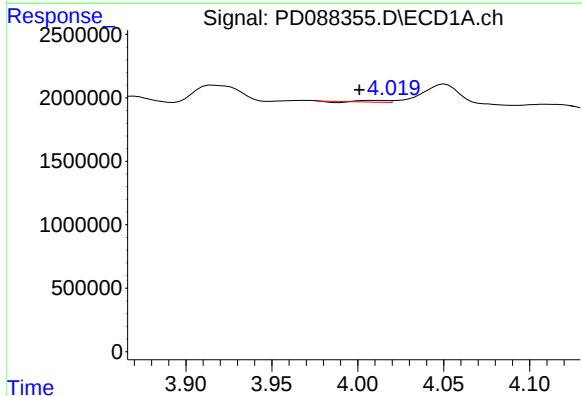
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 32117175  
Conc: 16.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



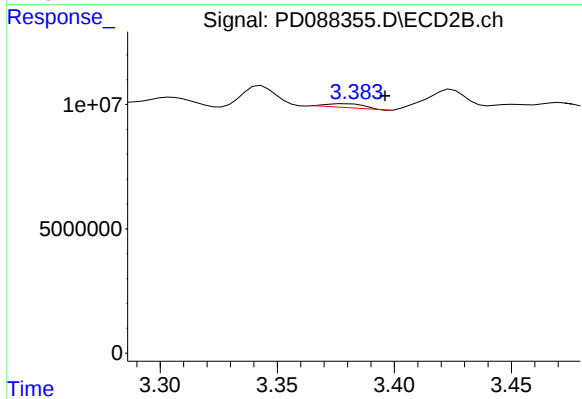
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: -0.001 min  
Response: 179127030  
Conc: 12.25 ng/ml



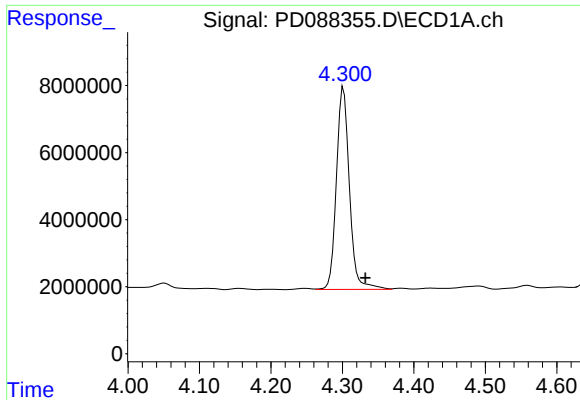
#2 alpha-BHC

R.T.: 4.014 min  
Delta R.T.: 0.013 min  
Response: 129166  
Conc: 0.03 ng/ml



#2 alpha-BHC

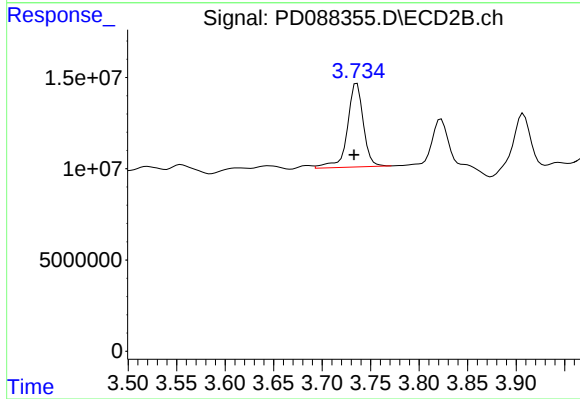
R.T.: 3.379 min  
Delta R.T.: -0.017 min  
Response: 1809196  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

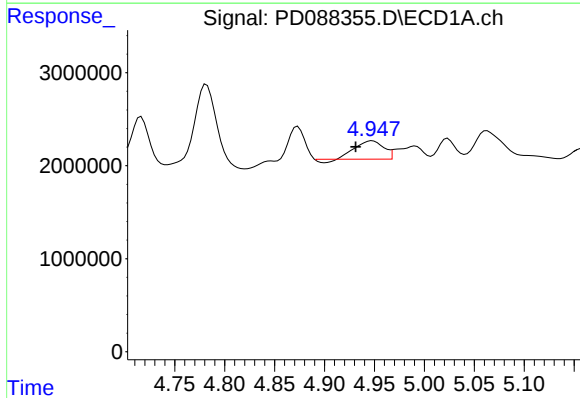
R.T.: 4.302 min  
Delta R.T.: -0.030 min  
Response: 76427413  
Conc: 18.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



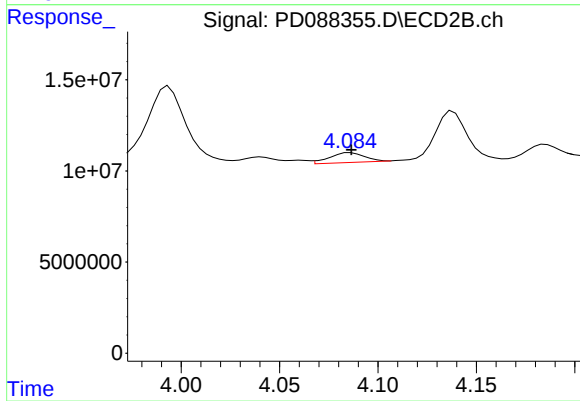
#3 gamma-BHC (Lindane)

R.T.: 3.736 min  
Delta R.T.: 0.003 min  
Response: 52338395  
Conc: 2.43 ng/ml



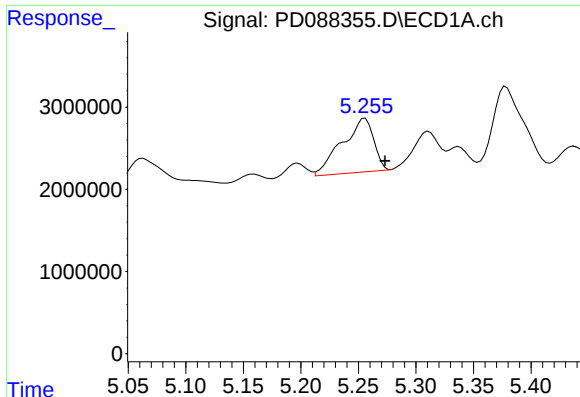
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.017 min  
Response: 3670135  
Conc: 0.91 ng/ml



#4 Heptachlor

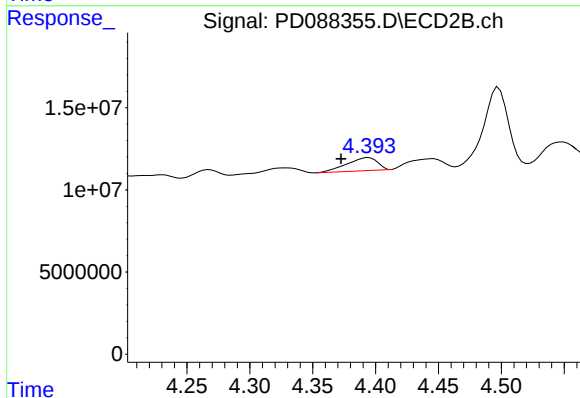
R.T.: 4.086 min  
Delta R.T.: 0.000 min  
Response: 6664370  
Conc: 0.31 ng/ml



#5 Aldrin

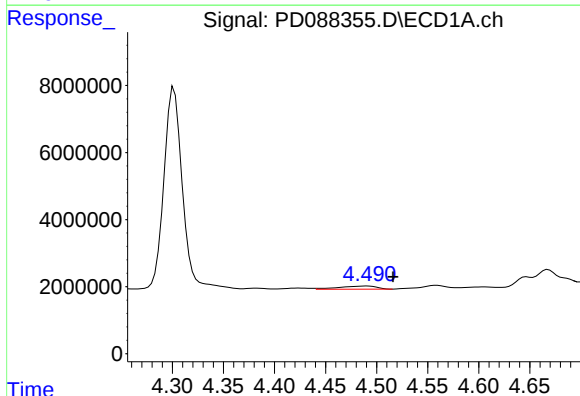
R.T.: 5.256 min  
Delta R.T.: -0.018 min  
Response: 12566896  
Conc: 3.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



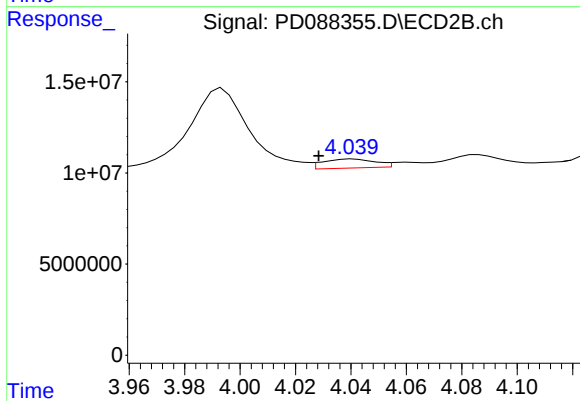
#5 Aldrin

R.T.: 4.394 min  
Delta R.T.: 0.022 min  
Response: 13331229  
Conc: 0.64 ng/ml



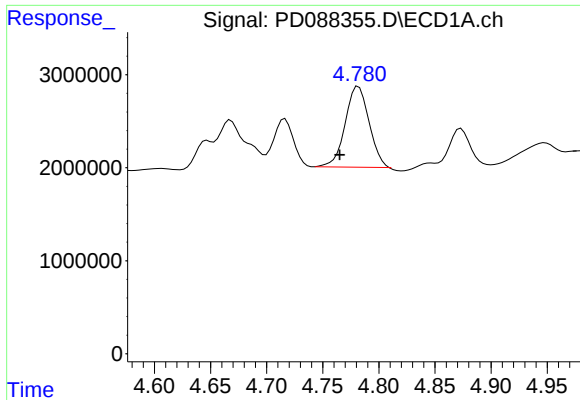
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: -0.024 min  
Response: 2403878  
Conc: 1.48 ng/ml



#6 beta-BHC

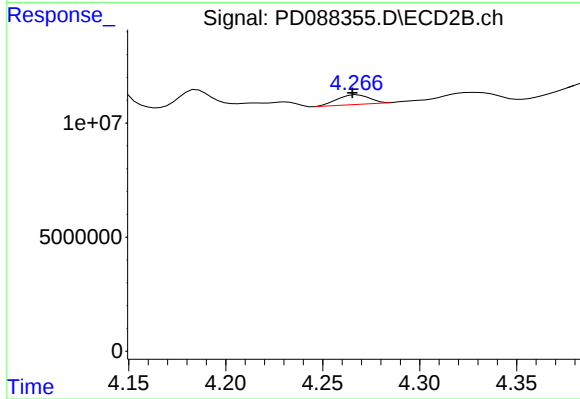
R.T.: 4.041 min  
Delta R.T.: 0.012 min  
Response: 6388908  
Conc: 0.69 ng/ml



#7 delta-BHC

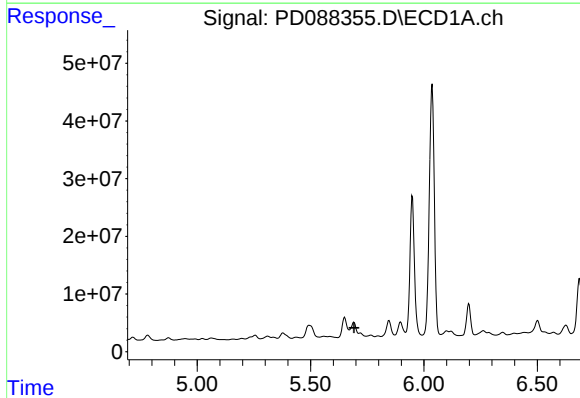
R.T.: 4.782 min  
Delta R.T.: 0.017 min  
Response: 12570236  
Conc: 3.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



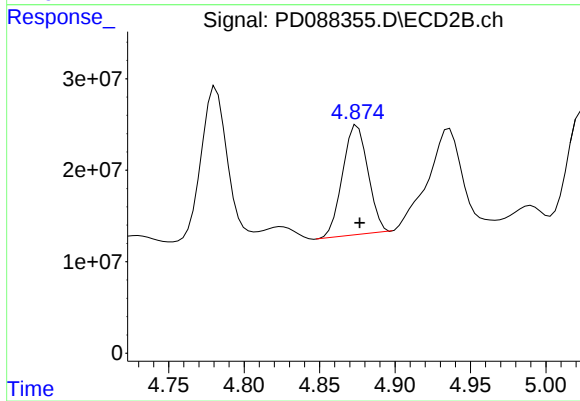
#7 delta-BHC

R.T.: 4.268 min  
Delta R.T.: 0.002 min  
Response: 4886142  
Conc: 0.23 ng/ml



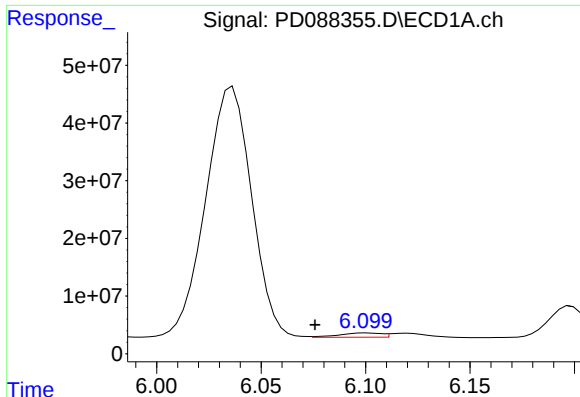
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.001 min  
Response: -923055  
Conc: N.D.



#8 Heptachlor epoxide

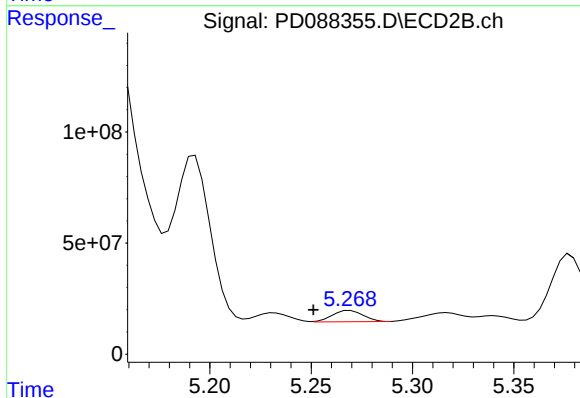
R.T.: 4.875 min  
Delta R.T.: -0.002 min  
Response: 139895600  
Conc: 7.40 ng/ml



#9 Endosulfan I

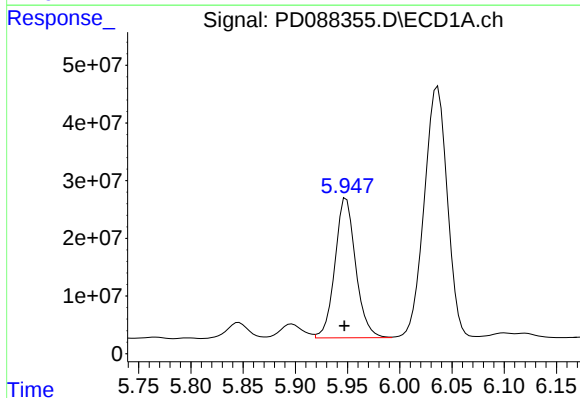
R.T.: 6.100 min  
Delta R.T.: 0.024 min  
Response: 10440775  
Conc: 3.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



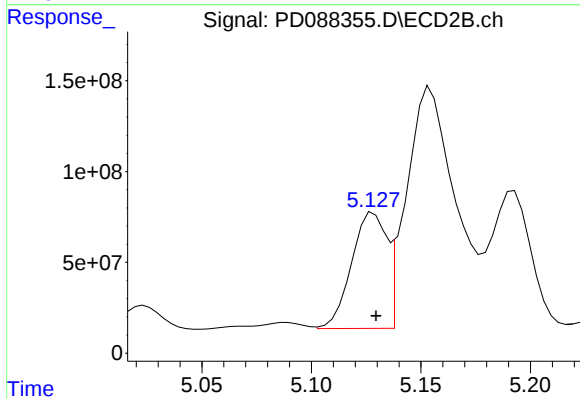
#9 Endosulfan I

R.T.: 5.269 min  
Delta R.T.: 0.018 min  
Response: 53692767  
Conc: 2.98 ng/ml



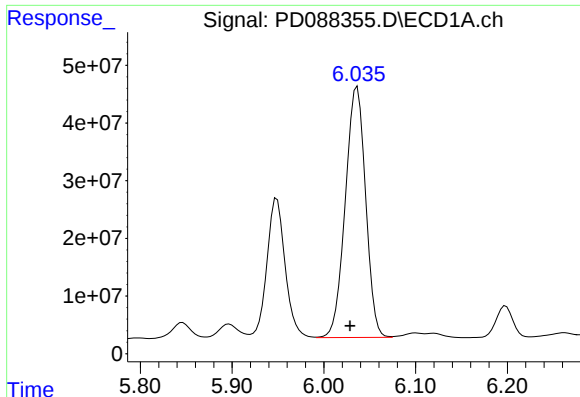
#10 gamma-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.002 min  
Response: 334334299  
Conc: 92.31 ng/ml



#10 gamma-Chlordane

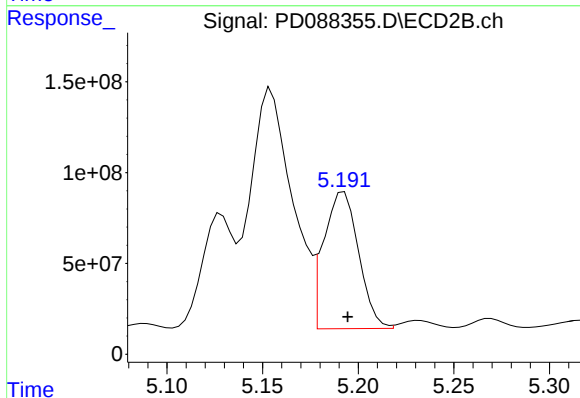
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 708997060  
Conc: 34.93 ng/ml



#11 alpha-Chlordane

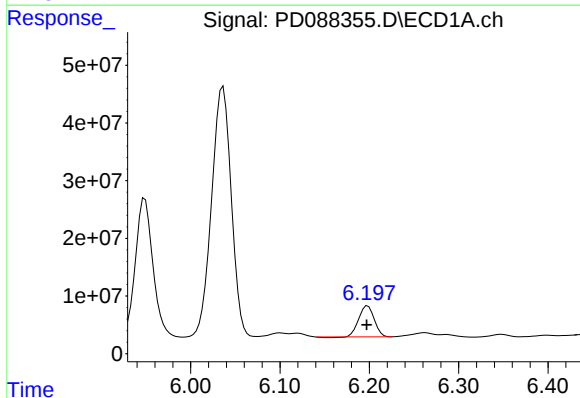
R.T.: 6.036 min  
Delta R.T.: 0.008 min  
Response: 668554322  
Conc: 185.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



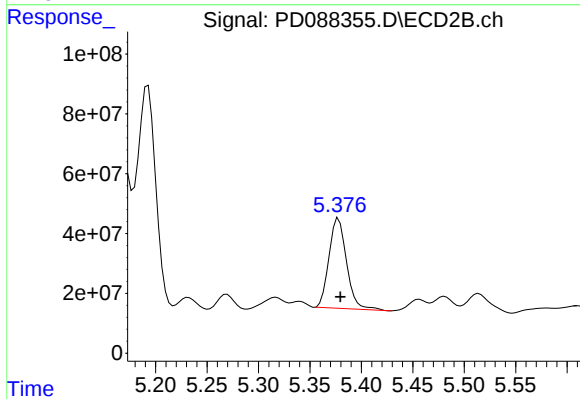
#11 alpha-Chlordane

R.T.: 5.193 min  
Delta R.T.: -0.002 min  
Response: 957247595  
Conc: 48.83 ng/ml



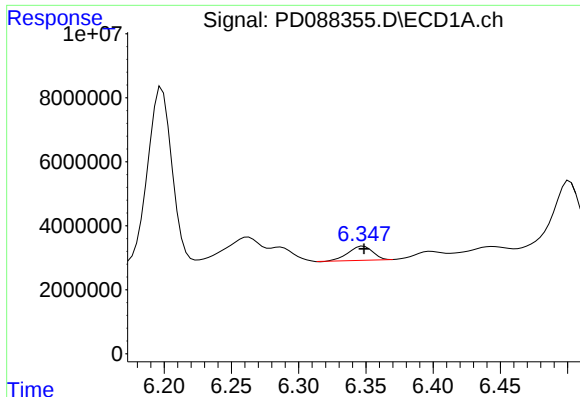
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: 0.001 min  
Response: 64260107  
Conc: 19.48 ng/ml



#12 4,4'-DDE

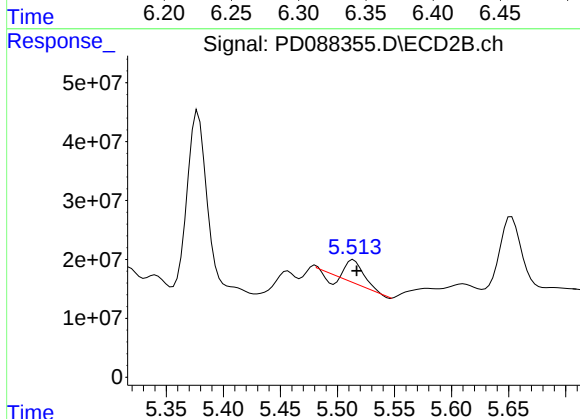
R.T.: 5.378 min  
Delta R.T.: -0.002 min  
Response: 360123663  
Conc: 18.29 ng/ml



#13 Dieldrin

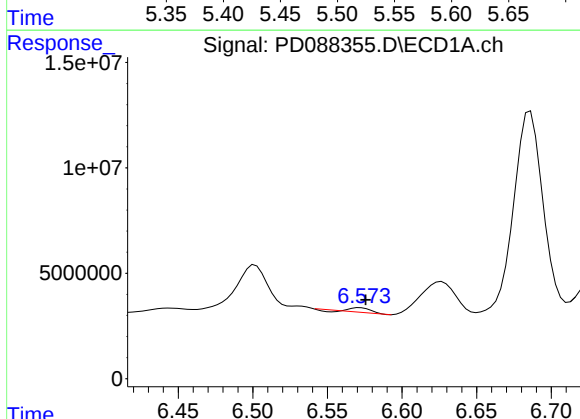
R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 5572874  
Conc: 1.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



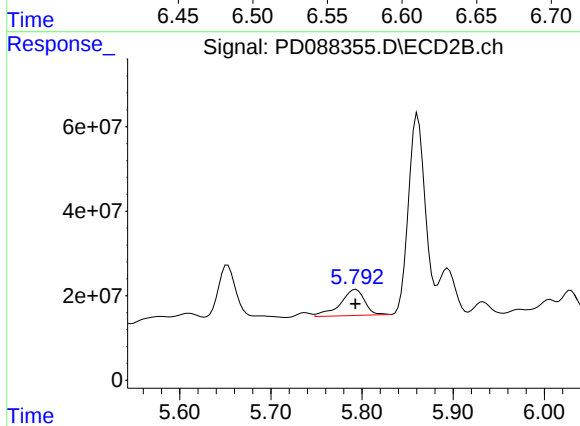
#13 Dieldrin

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 37703498  
Conc: 1.89 ng/ml



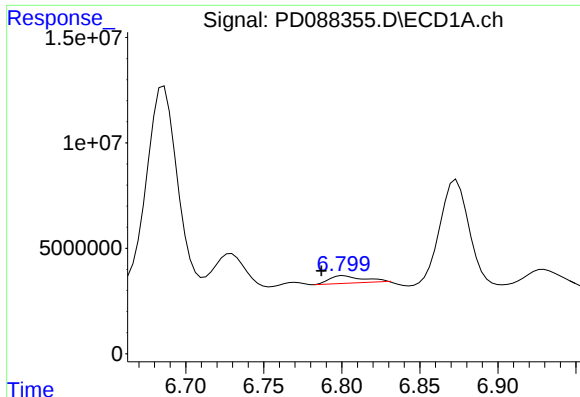
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: -0.004 min  
Response: 1460890  
Conc: 0.49 ng/ml



#14 Endrin

R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 115208156  
Conc: 6.33 ng/ml



#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: 0.014 min  
Response: 2949876  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27

#15 Endosulfan II

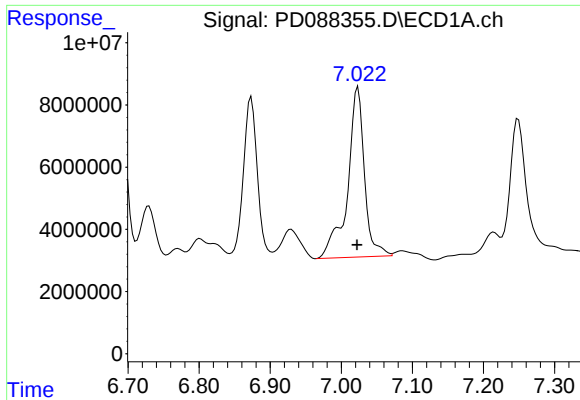
R.T.: 6.093 min  
Delta R.T.: 0.009 min  
Response: 413042915  
Conc: 23.57 ng/ml

#16 4,4'-DDD

R.T.: 6.686 min  
Delta R.T.: -0.020 min  
Response: 77881708  
Conc: 30.97 ng/ml

#16 4,4'-DDD

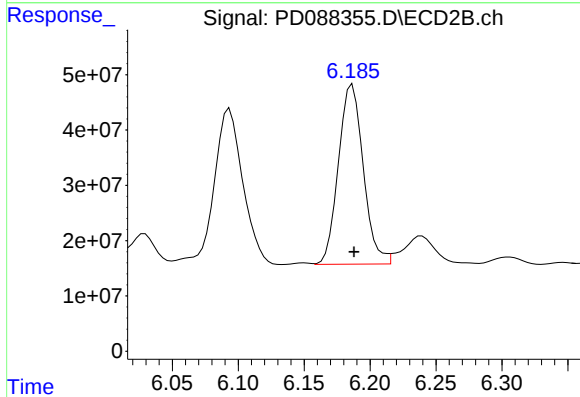
R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: -74656267  
Conc: N.D.



#17 4,4'-DDT

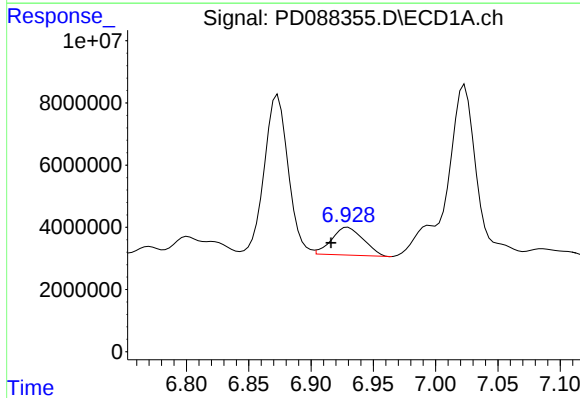
R.T.: 7.023 min  
Delta R.T.: 0.001 min  
Response: 90143485  
Conc: 32.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



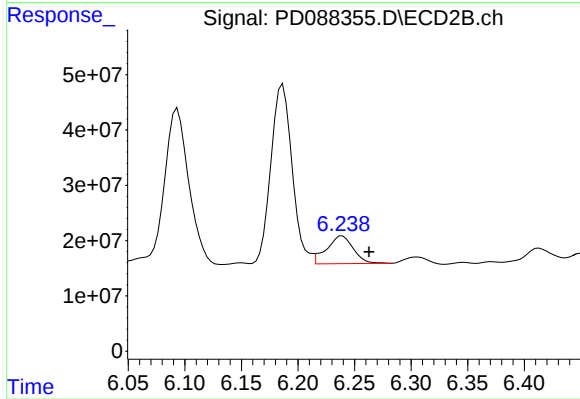
#17 4,4'-DDT

R.T.: 6.187 min  
Delta R.T.: -0.001 min  
Response: 426218092  
Conc: 25.05 ng/ml



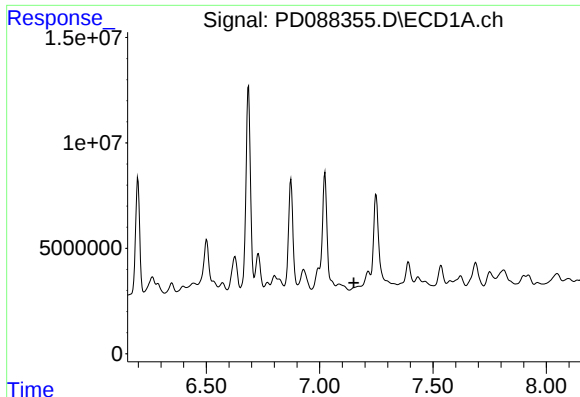
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.013 min  
Response: 15874578  
Conc: 6.88 ng/ml



#18 Endrin aldehyde

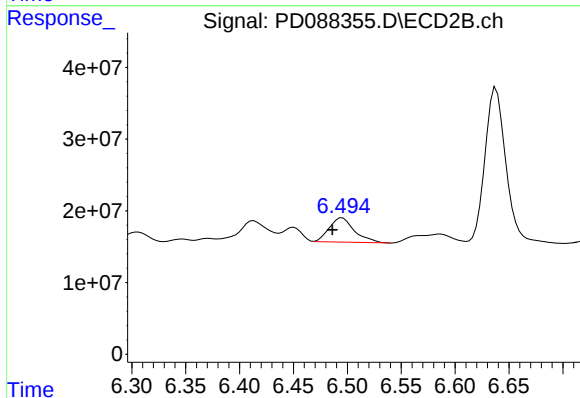
R.T.: 6.239 min  
Delta R.T.: -0.024 min  
Response: 82496763  
Conc: 6.20 ng/ml



#19 Endosulfan Sulfate

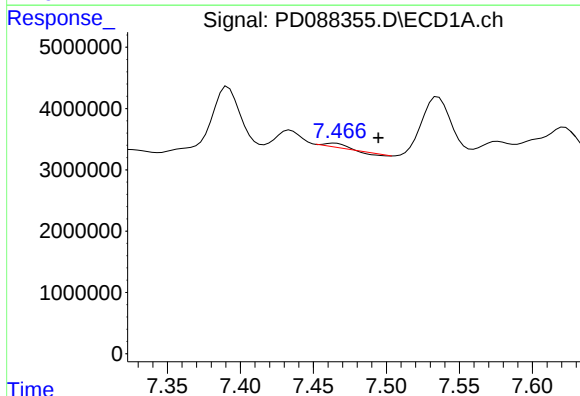
R.T.: 7.174 min  
Delta R.T.: 0.024 min  
Response: -2258318  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



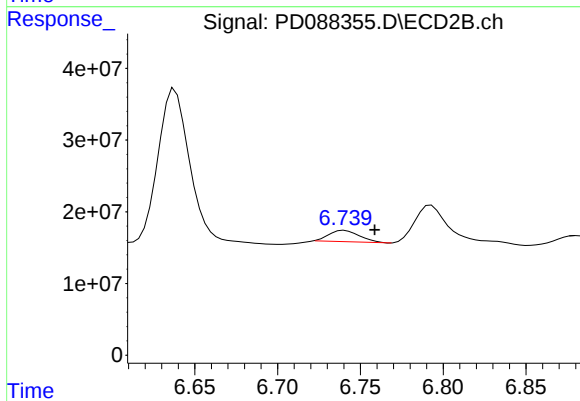
#19 Endosulfan Sulfate

R.T.: 6.495 min  
Delta R.T.: 0.009 min  
Response: 55397561  
Conc: 3.23 ng/ml



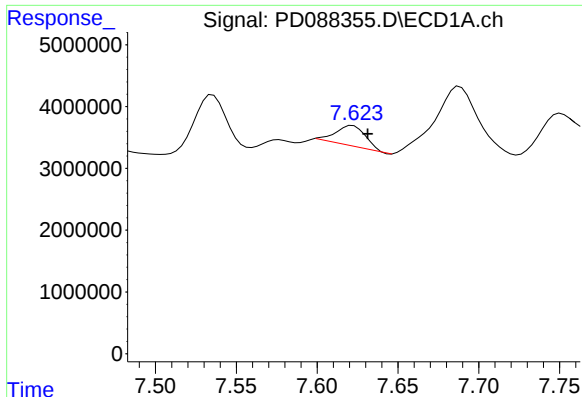
#20 Methoxychlor

R.T.: 7.465 min  
Delta R.T.: -0.030 min  
Response: 414803  
Conc: 0.28 ng/ml



#20 Methoxychlor

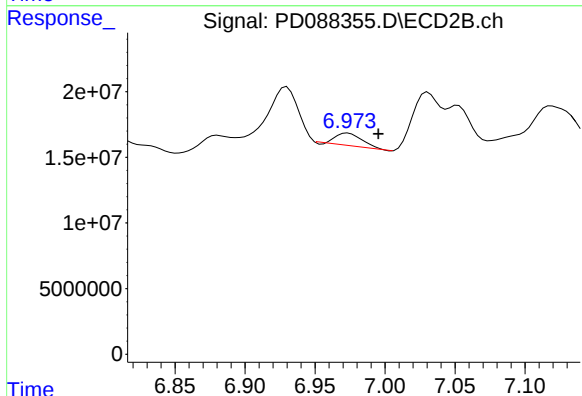
R.T.: 6.740 min  
Delta R.T.: -0.018 min  
Response: 20224016  
Conc: 2.22 ng/ml



#21 Endrin ketone

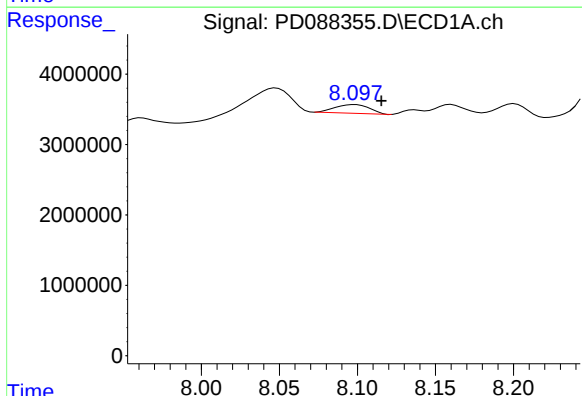
R.T.: 7.622 min  
Delta R.T.: -0.009 min  
Response: 4256165  
Conc: 1.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



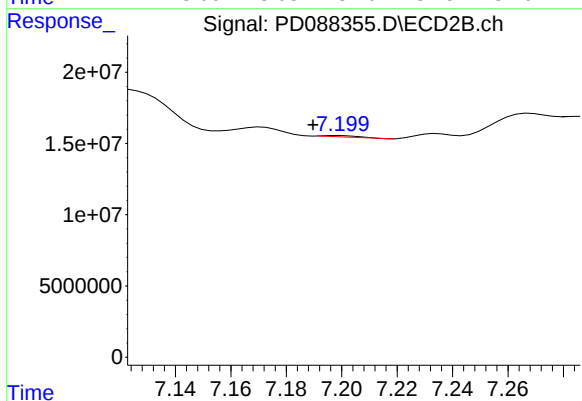
#21 Endrin ketone

R.T.: 6.973 min  
Delta R.T.: -0.022 min  
Response: 12407698  
Conc: 0.66 ng/ml



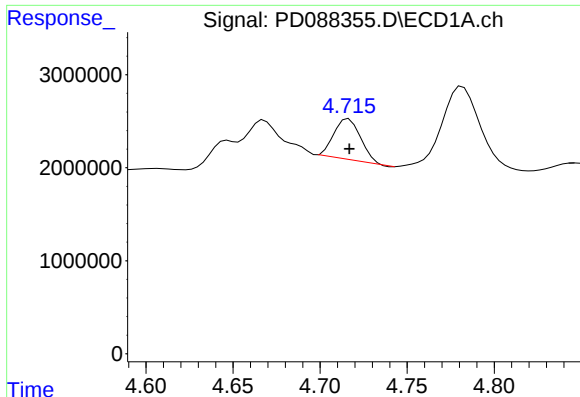
#22 Mirex

R.T.: 8.098 min  
Delta R.T.: -0.017 min  
Response: 1922872  
Conc: 0.82 ng/ml



#22 Mirex

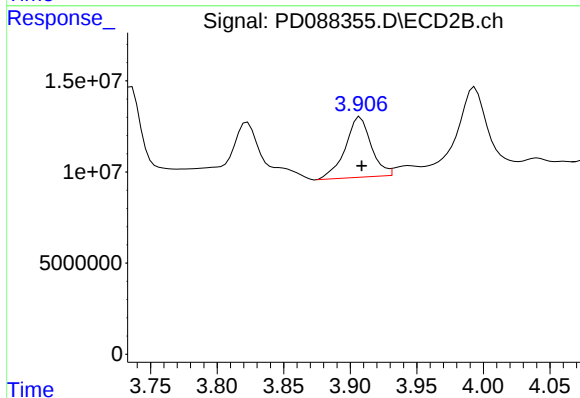
R.T.: 7.199 min  
Delta R.T.: 0.009 min  
Response: 811755  
Conc: 0.05 ng/ml



#23 Chlordane-1

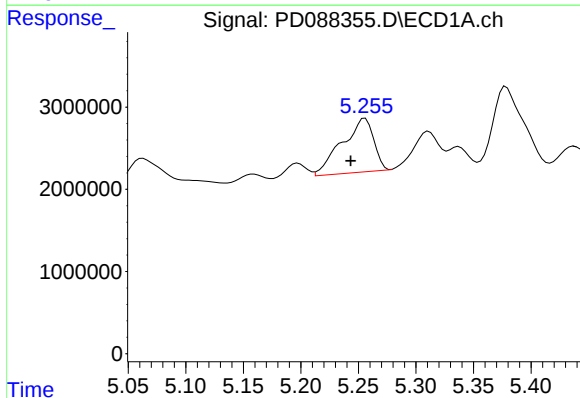
R.T.: 4.716 min  
Delta R.T.: 0.000 min  
Response: 4678823  
Conc: 28.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



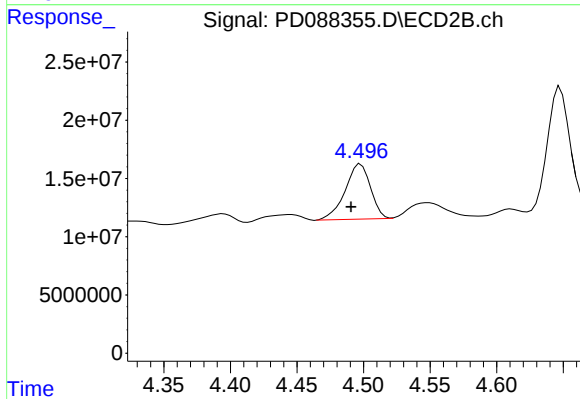
#23 Chlordane-1

R.T.: 3.908 min  
Delta R.T.: -0.001 min  
Response: 44891631  
Conc: 56.00 ng/ml



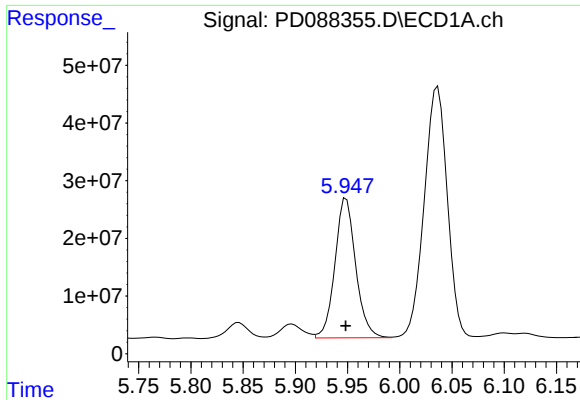
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.013 min  
Response: 12566896  
Conc: 75.46 ng/ml



#24 Chlordane-2

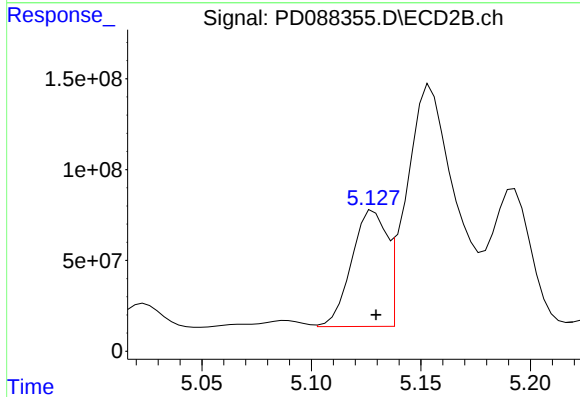
R.T.: 4.498 min  
Delta R.T.: 0.007 min  
Response: 62908329  
Conc: 76.22 ng/ml



#25 Chlordane-3

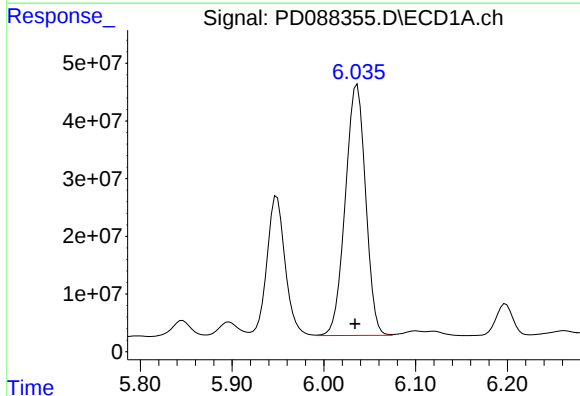
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 334334299  
Conc: 495.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



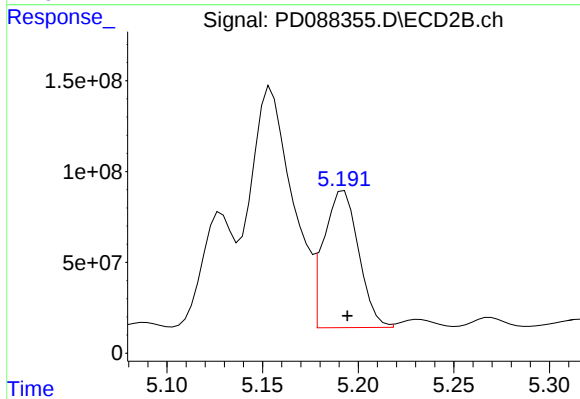
#25 Chlordane-3

R.T.: 5.129 min  
Delta R.T.: -0.001 min  
Response: 708997060  
Conc: 280.34 ng/ml



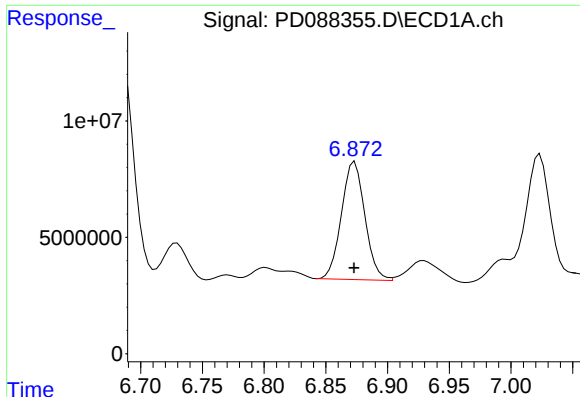
#26 Chlordane-4

R.T.: 6.036 min  
Delta R.T.: 0.002 min  
Response: 668554322  
Conc: 819.98 ng/ml



#26 Chlordane-4

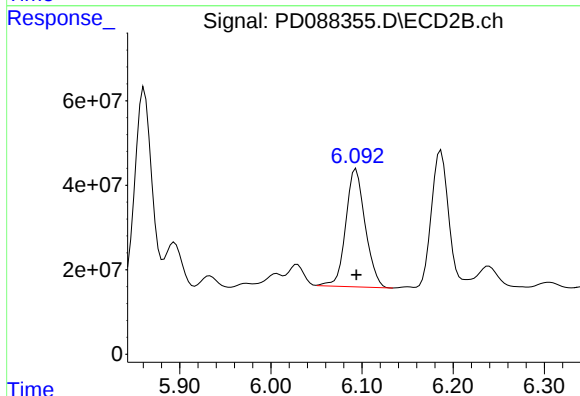
R.T.: 5.193 min  
Delta R.T.: -0.002 min  
Response: 957247595  
Conc: 447.70 ng/ml



#27 Chlordane-5

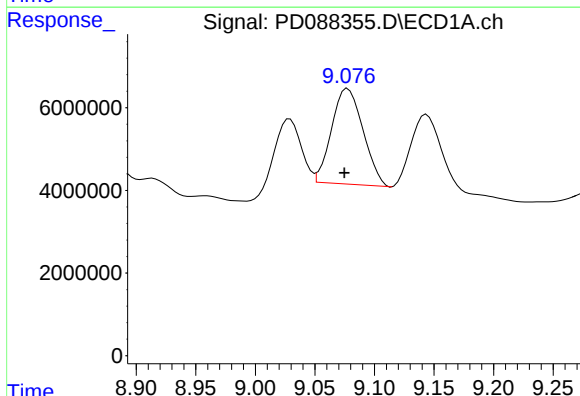
R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 66957920  
Conc: 492.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MOO-25-0123-27



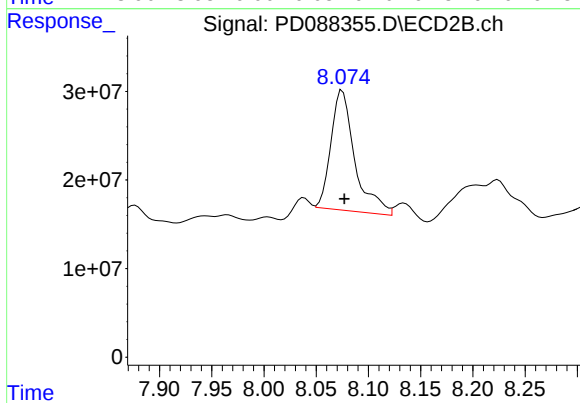
#27 Chlordane-5

R.T.: 6.093 min  
Delta R.T.: 0.000 min  
Response: 413042915  
Conc: 427.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.003 min  
Response: 42463596  
Conc: 12.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: -0.002 min  
Response: 215526223  
Conc: 11.66 ng/ml