

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
 Data File : PD065880.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Sep 2021 02:01  
 Operator : AR\AJ  
 Sample : M3917-04 MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-6MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 05:21:18 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... | 3.493 | 4.013 | 18170074 | 142.1E6 | 24.536  | 24.741   |
| 2)                          | SA Decachlor... | 8.234 | 9.085 | 28627786 | 113.7E6 | 20.958  | 29.373 # |
| Target Compounds            |                 |       |       |          |         |         |          |
| 2)                          | A alpha-BHC     | 3.933 | 4.408 | 58590211 | 408.5E6 | 52.169  | 48.579   |
| 3)                          | MA gamma-BHC... | 4.216 | 4.694 | 62014965 | 443.6E6 | 55.302  | 57.417   |
| 4)                          | MA Heptachlor   | 4.514 | 5.197 | 60415871 | 357.9E6 | 50.650  | 49.324   |
| 5)                          | MB Aldrin       | 4.761 | 5.502 | 57664202 | 334.6E6 | 51.547  | 49.739m  |
| 6)                          | B beta-BHC      | 4.464 | 4.870 | 28477861 | 167.0E6 | 49.885  | 45.187m  |
| 7)                          | B delta-BHC     | 4.669 | 5.087 | 45259275 | 302.8E6 | 40.035  | 42.071   |
| 8)                          | B Heptachlo...  | 5.203 | 5.893 | 59863839 | 255.8E6 | 53.462  | 49.493   |
| 9)                          | A Endosulfan I  | 5.541 | 6.251 | 44531040 | 253.4E6 | 40.947m | 45.846   |
| 10)                         | B gamma-Chl...  | 5.429 | 6.126 | 64593569 | 308.1E6 | 53.492  | 51.368m  |
| 11)                         | B alpha-Chl...  | 5.487 | 6.198 | 62023664 | 277.3E6 | 52.395  | 46.197   |
| 12)                         | B 4,4'-DDE      | 5.648 | 6.356 | 61070617 | 288.7E6 | 56.104m | 50.051   |
| 13)                         | MA Dieldrin     | 5.784 | 6.509 | 76321505 | 249.5E6 | 65.850  | 42.337 # |
| 14)                         | MA Endrin       | 6.042 | 6.727 | 55467714 | 247.3E6 | 52.420  | 50.152   |
| 15)                         | B Endosulfa...  | 6.315 | 6.941 | 60489543 | 205.8E6 | 55.993  | 42.479   |
| 16)                         | A 4,4'-DDD      | 6.163 | 6.849 | 45145147 | 277.4E6 | 46.022m | 56.440m  |
| 17)                         | MA 4,4'-DDT     | 6.404 | 7.148 | 60596361 | 223.5E6 | 55.053  | 44.244   |
| 18)                         | B Endrin al...  | 6.483 | 7.065 | 42284100 | 186.1E6 | 47.710  | 47.537   |
| 19)                         | B Endosulfa...  | 6.695 | 7.287 | 56907058 | 214.3E6 | 49.859  | 43.439   |
| 20)                         | A Methoxychlor  | 6.950 | 7.608 | 30118151 | 126.3E6 | 44.074  | 48.000   |
| 21)                         | B Endrin ke...  | 7.188 | 7.762 | 57144810 | 298.2E6 | 40.567  | 52.298 # |
| 22)                         | Mirex           | 7.374 | 8.208 | 46221855 | 160.7E6 | 38.283  | 40.695m  |
| -----                       |                 |       |       |          |         |         |          |

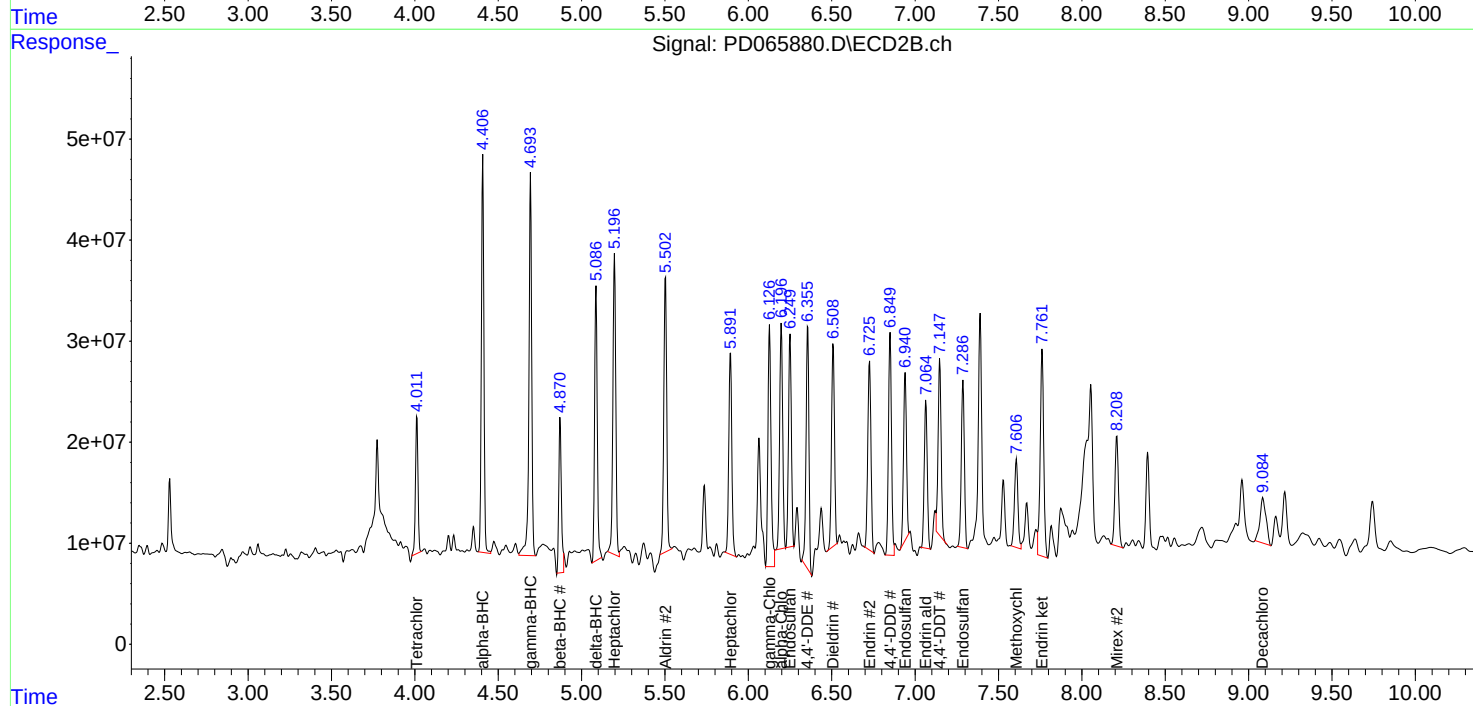
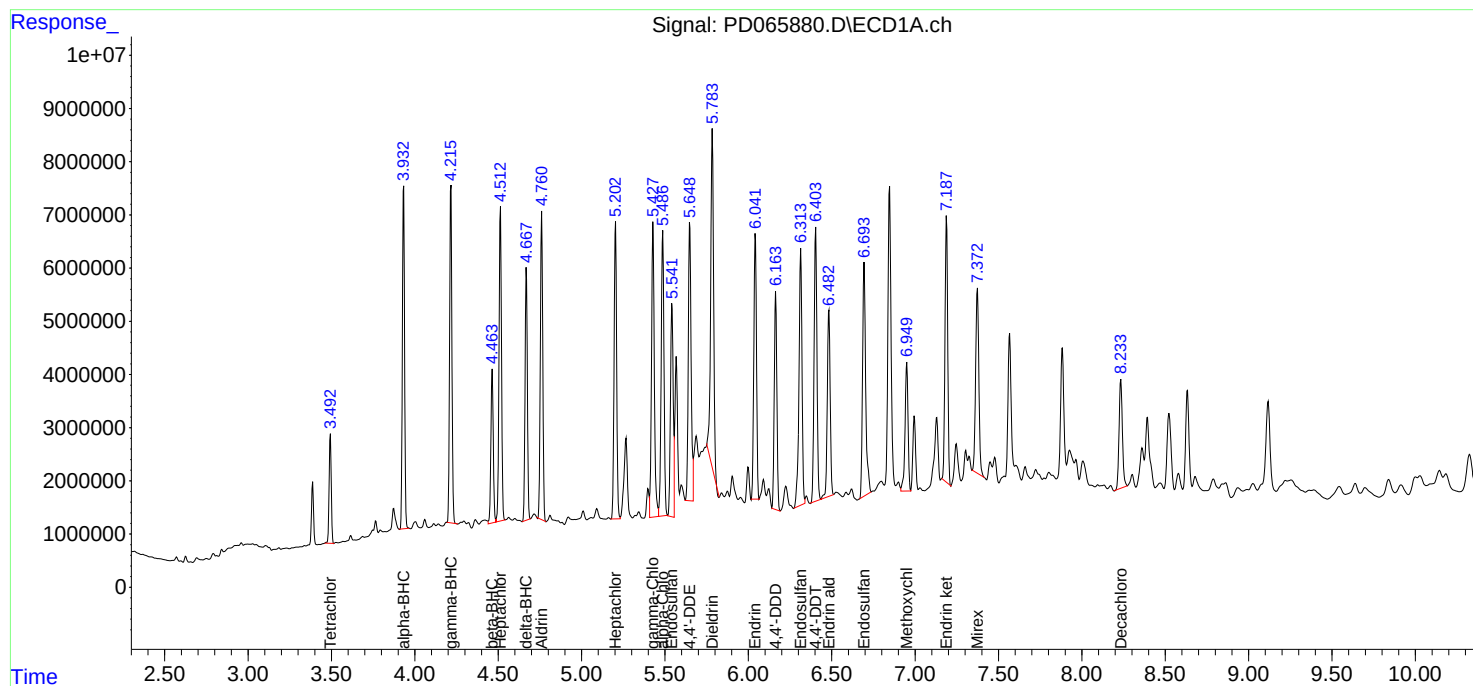
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

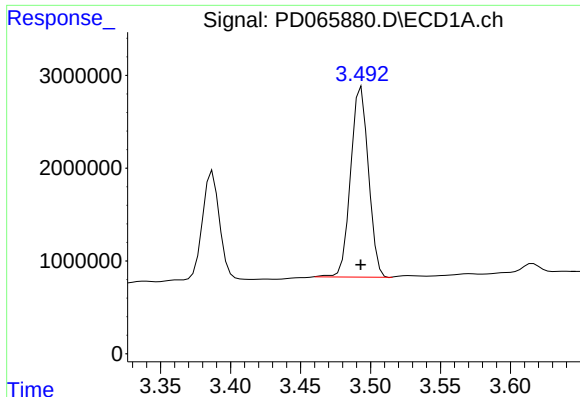
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
Data File : PD065880.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Sep 2021 02:01  
Operator : AR\AJ  
Sample : M3917-04 MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 05:21:18 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  
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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

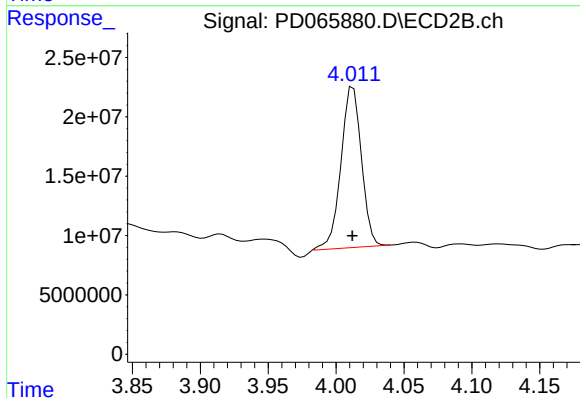




#1 Tetrachloro-m-xylene

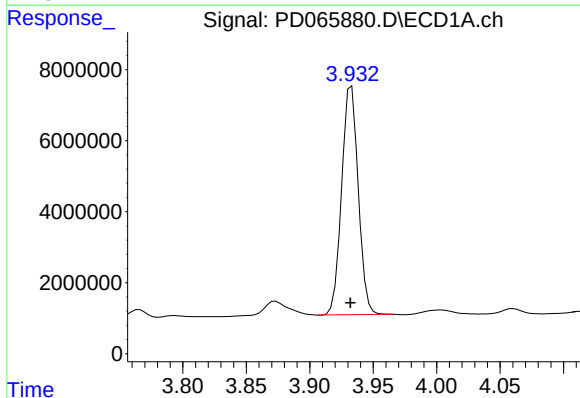
R.T.: 3.493 min  
Delta R.T.: 0.000 min  
Response: 18170074  
Conc: 24.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



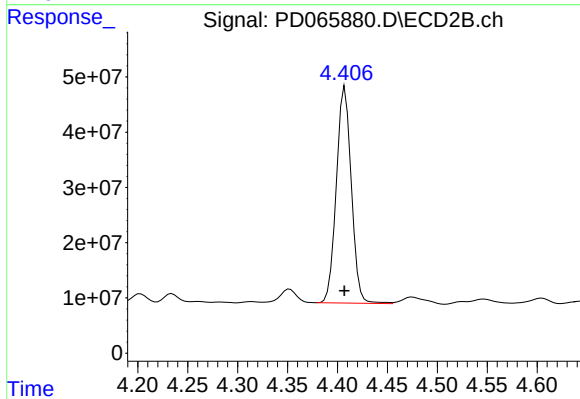
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 142066519  
Conc: 24.74 ng/ml



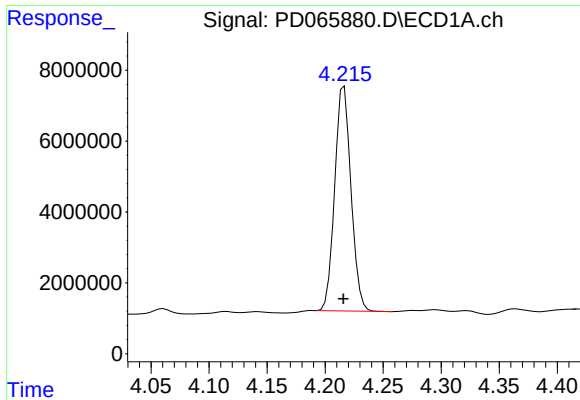
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 58590211  
Conc: 52.17 ng/ml



#2 alpha-BHC

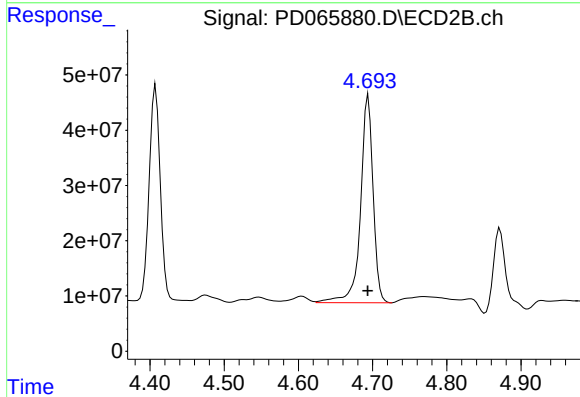
R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 408465372  
Conc: 48.58 ng/ml



#3 gamma-BHC (Lindane)

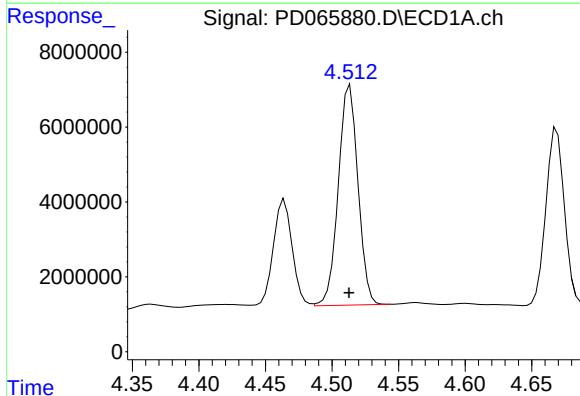
R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 62014965  
Conc: 55.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



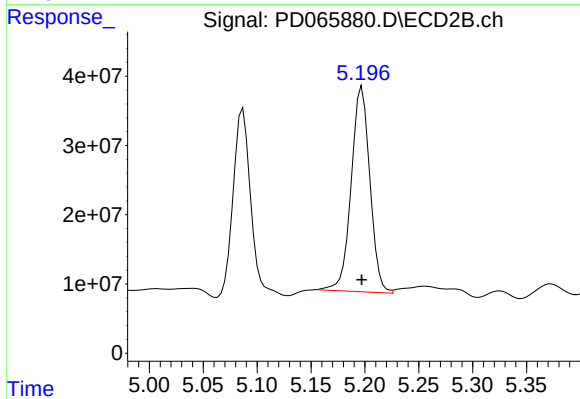
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 443590286  
Conc: 57.42 ng/ml



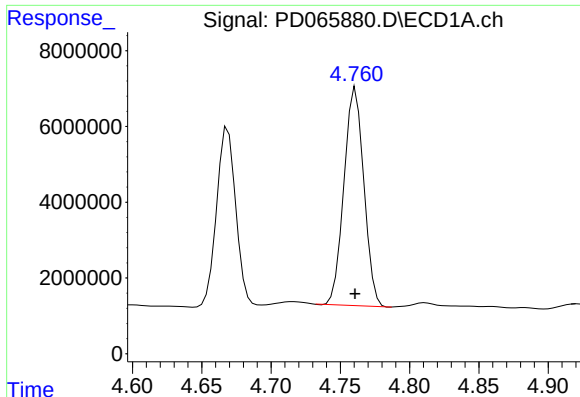
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 60415871  
Conc: 50.65 ng/ml



#4 Heptachlor

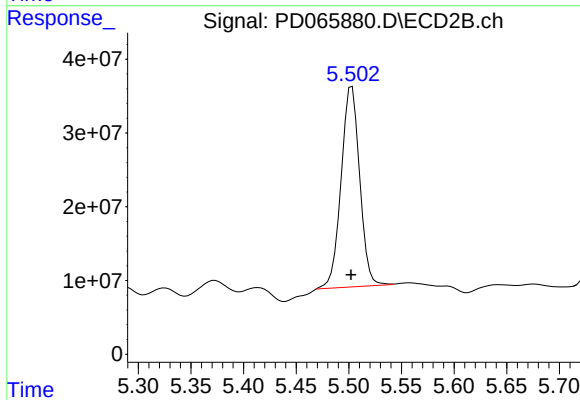
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 357880348  
Conc: 49.32 ng/ml



#5 Aldrin

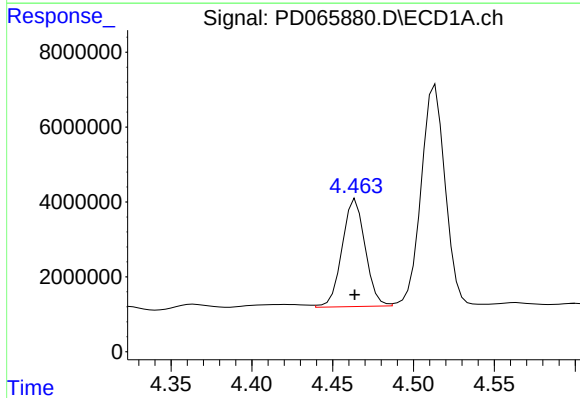
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 57664202  
Conc: 51.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



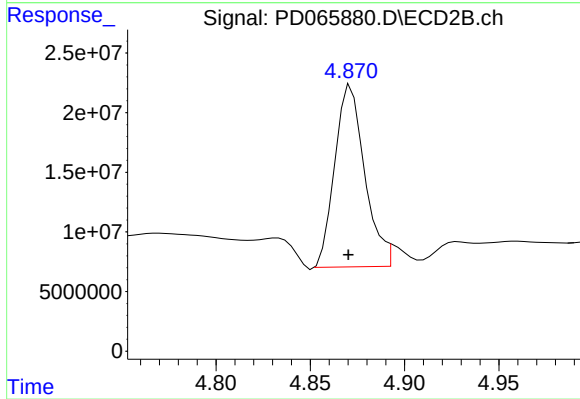
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 334622502  
Conc: 49.74 ng/ml m



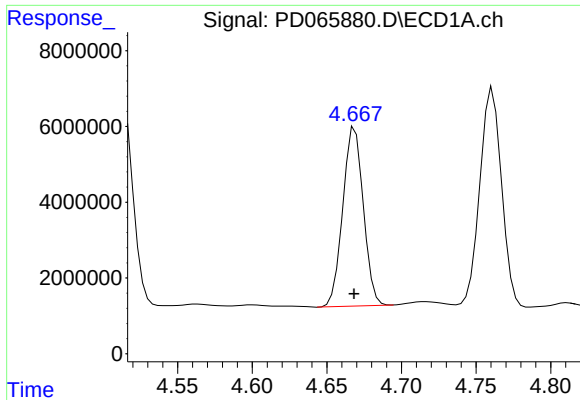
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 28477861  
Conc: 49.88 ng/ml



#6 beta-BHC

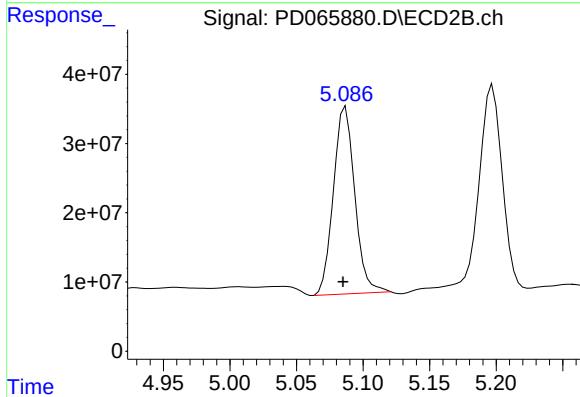
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 167004613  
Conc: 45.19 ng/ml m



#7 delta-BHC

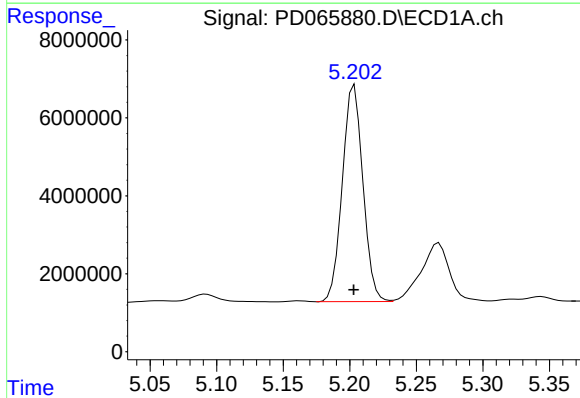
R.T.: 4.669 min  
Delta R.T.: 0.000 min  
Response: 45259275  
Conc: 40.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



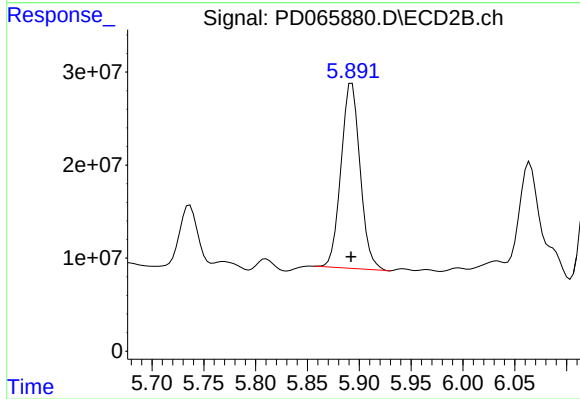
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.002 min  
Response: 302775021  
Conc: 42.07 ng/ml



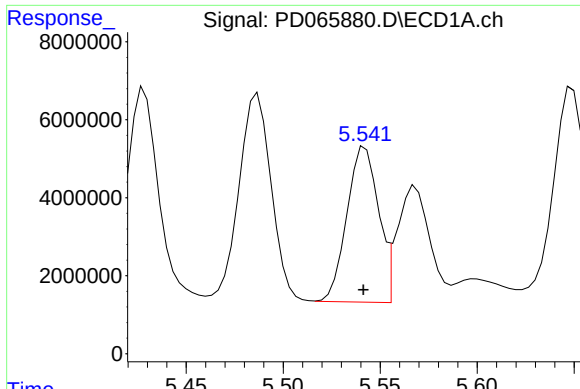
#8 Heptachlor epoxide

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 59863839  
Conc: 53.46 ng/ml



#8 Heptachlor epoxide

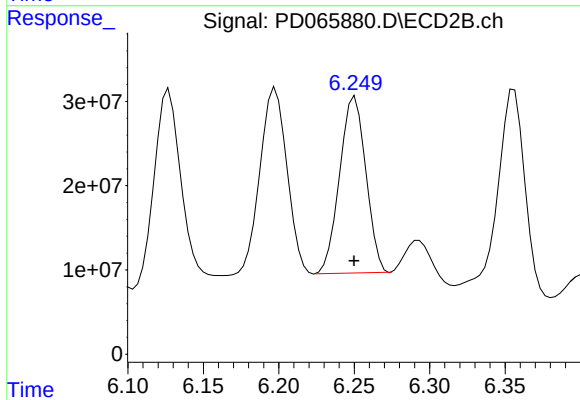
R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 255772992  
Conc: 49.49 ng/ml



#9 Endosulfan I

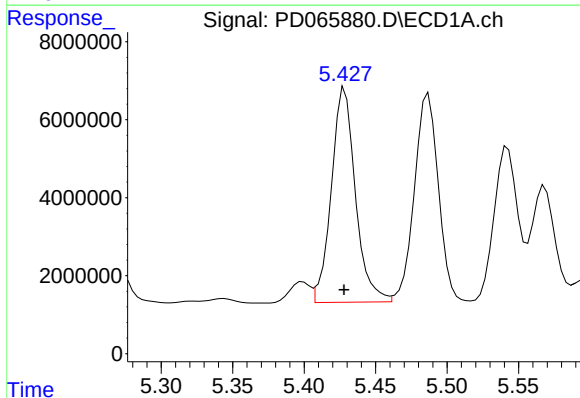
R.T.: 5.541 min  
Delta R.T.: 0.000 min  
Response: 44531040  
Conc: 40.95 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



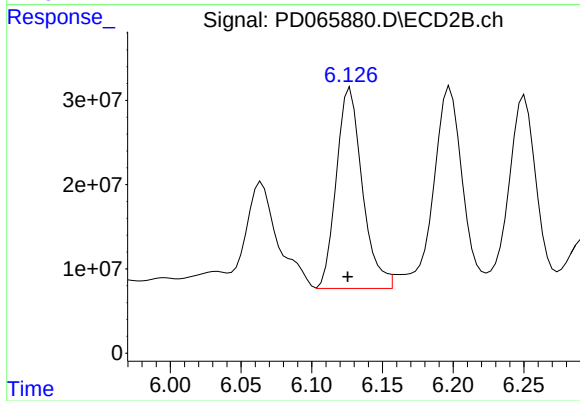
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 253393243  
Conc: 45.85 ng/ml



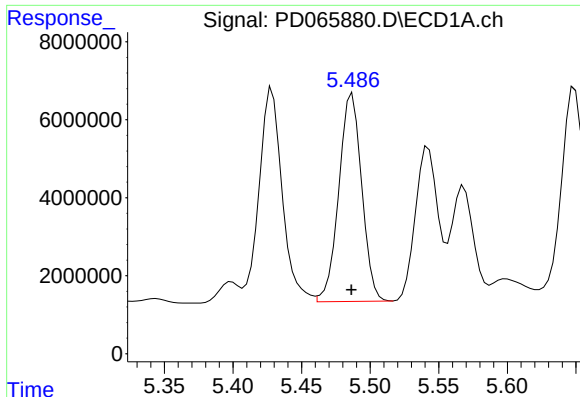
#10 gamma-Chlordane

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 64593569  
Conc: 53.49 ng/ml



#10 gamma-Chlordane

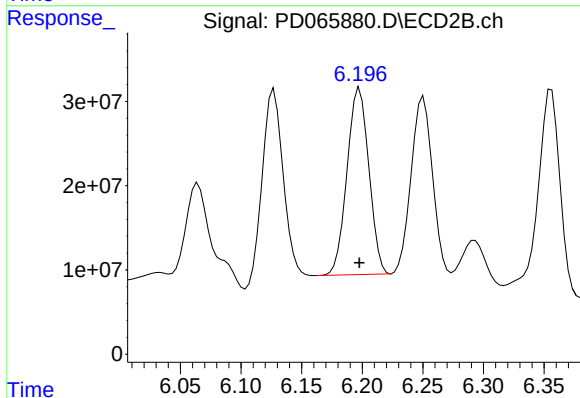
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 308092562  
Conc: 51.37 ng/ml m



#11 alpha-Chlordane

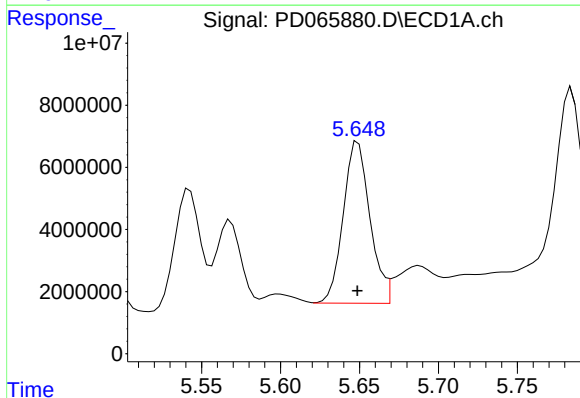
R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 62023664  
Conc: 52.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



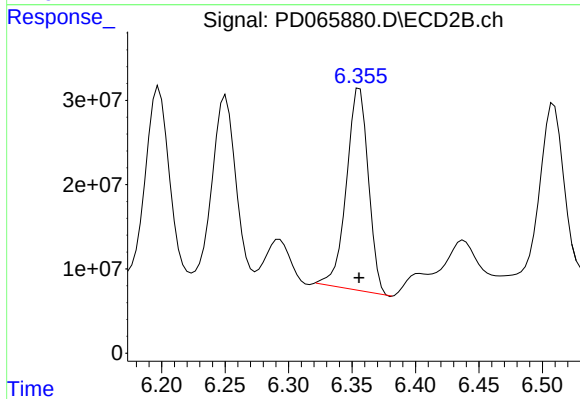
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 277277032  
Conc: 46.20 ng/ml



#12 4,4'-DDE

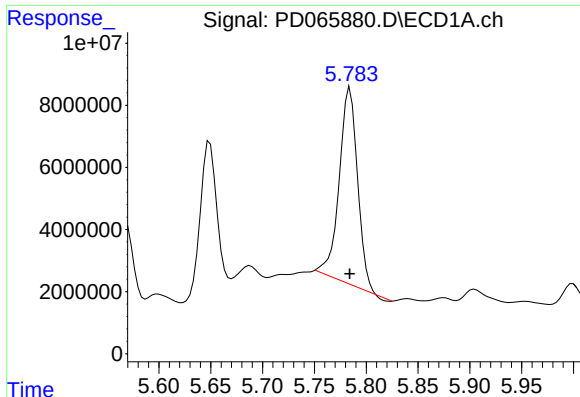
R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 61070617  
Conc: 56.10 ng/ml m



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 288669451  
Conc: 50.05 ng/ml

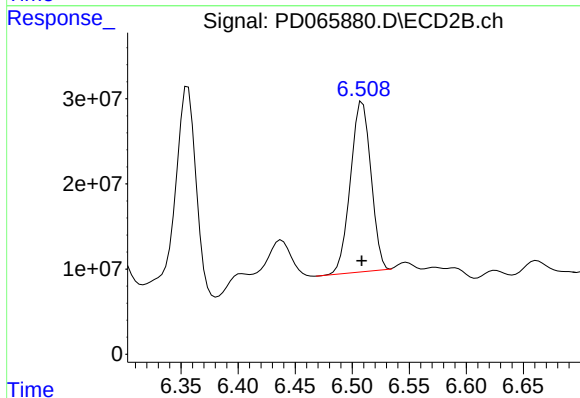




#13 Dieldrin

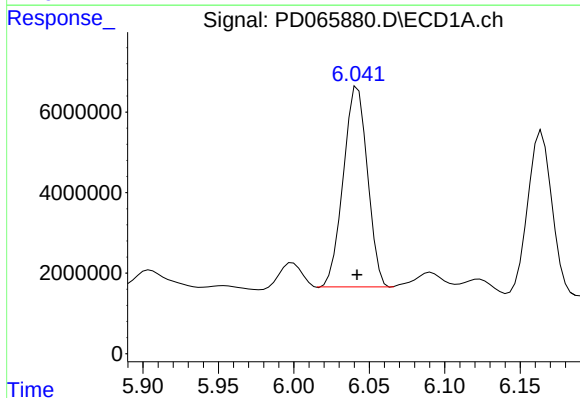
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 76321505  
Conc: 65.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



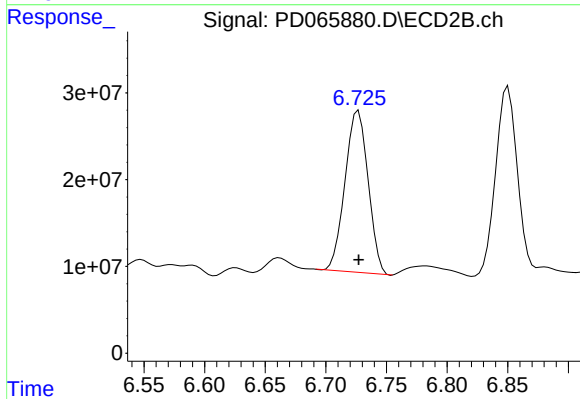
#13 Dieldrin

R.T.: 6.509 min  
Delta R.T.: 0.000 min  
Response: 249499987  
Conc: 42.34 ng/ml



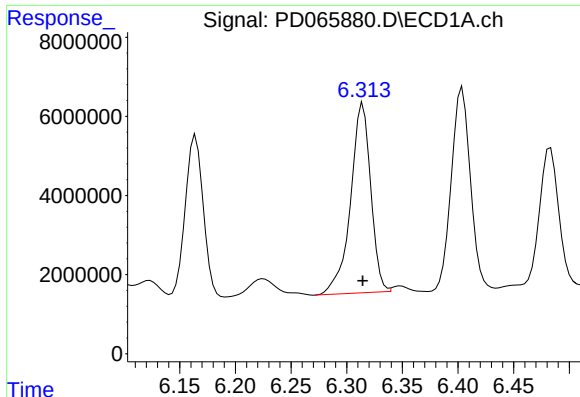
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 55467714  
Conc: 52.42 ng/ml



#14 Endrin

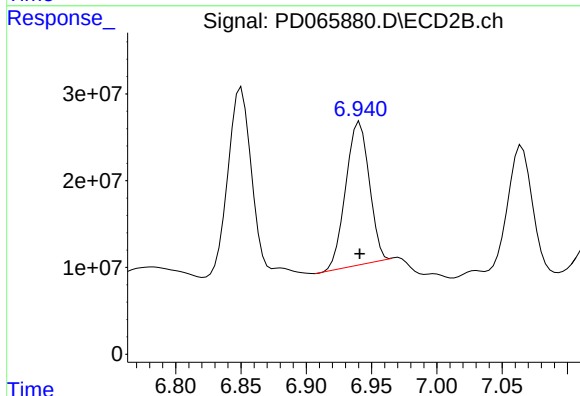
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 247255530  
Conc: 50.15 ng/ml



#15 Endosulfan II

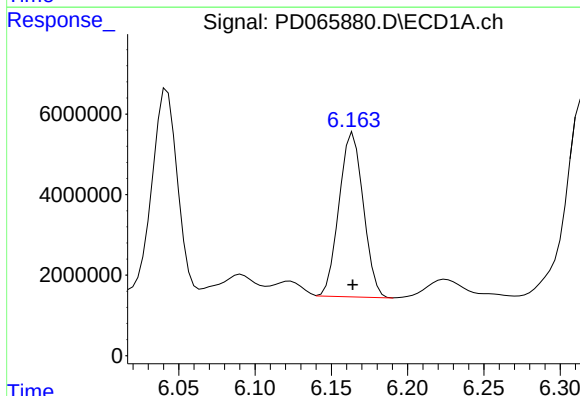
R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 60489543  
Conc: 55.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



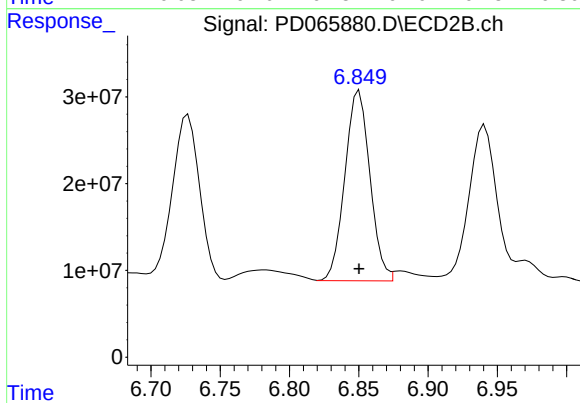
#15 Endosulfan II

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 205763403  
Conc: 42.48 ng/ml



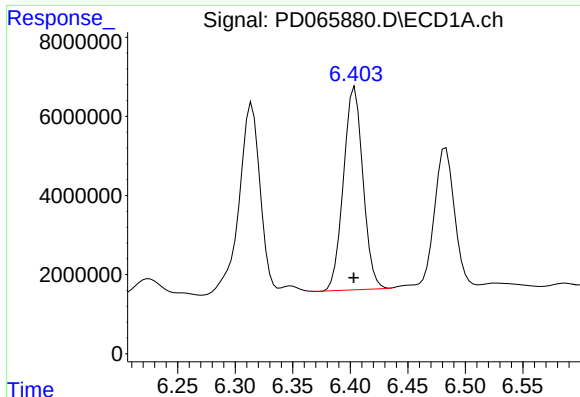
#16 4,4'-DDD

R.T.: 6.163 min  
Delta R.T.: -0.001 min  
Response: 45145147  
Conc: 46.02 ng/ml m



#16 4,4'-DDD

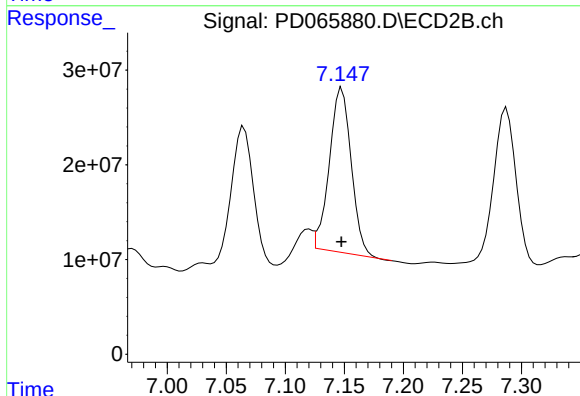
R.T.: 6.849 min  
Delta R.T.: -0.001 min  
Response: 277379056  
Conc: 56.44 ng/ml m



#17 4,4'-DDT

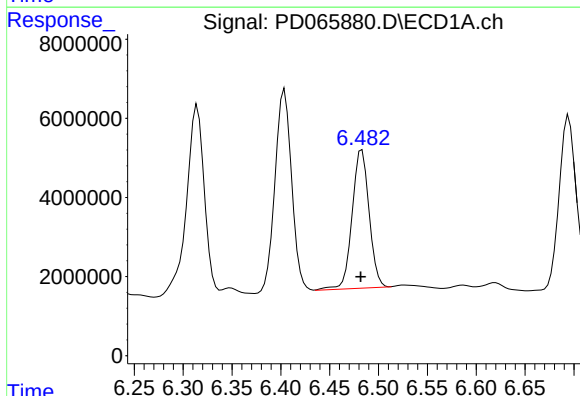
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 60596361  
Conc: 55.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



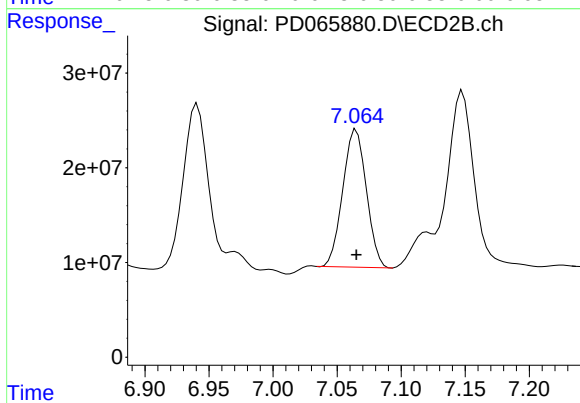
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 223492443  
Conc: 44.24 ng/ml



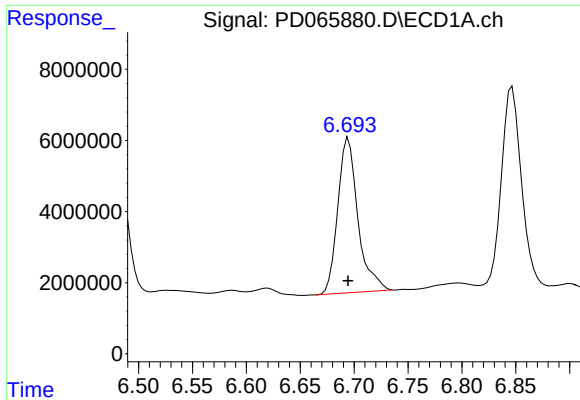
#18 Endrin aldehyde

R.T.: 6.483 min  
Delta R.T.: 0.001 min  
Response: 42284100  
Conc: 47.71 ng/ml



#18 Endrin aldehyde

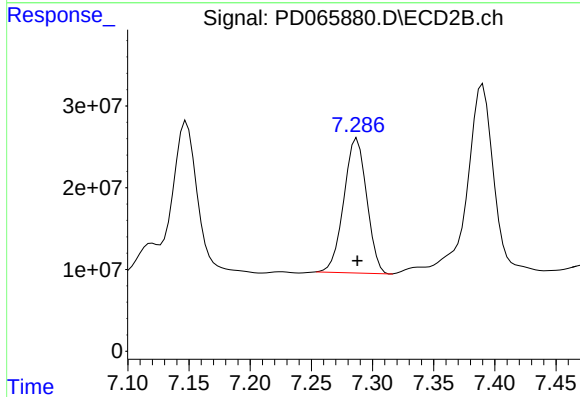
R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 186106964  
Conc: 47.54 ng/ml



#19 Endosulfan Sulfate

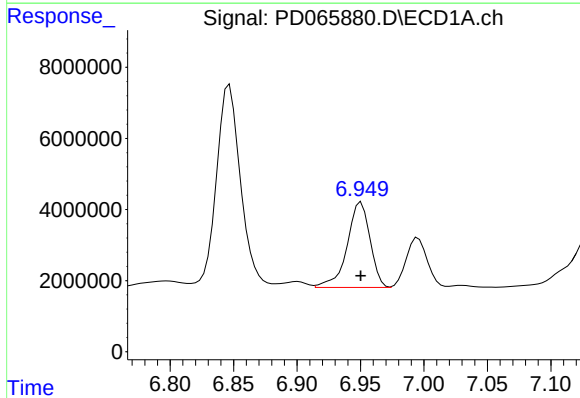
R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 56907058  
Conc: 49.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



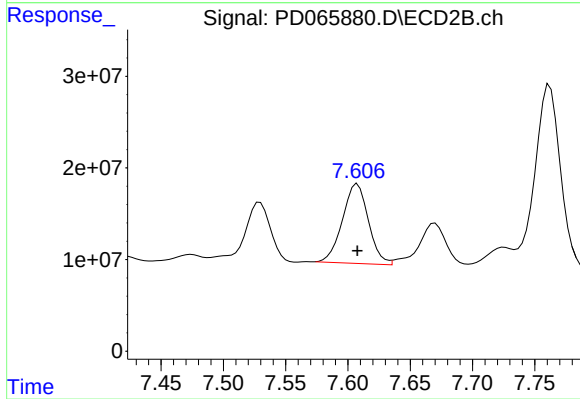
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.000 min  
Response: 214252330  
Conc: 43.44 ng/ml



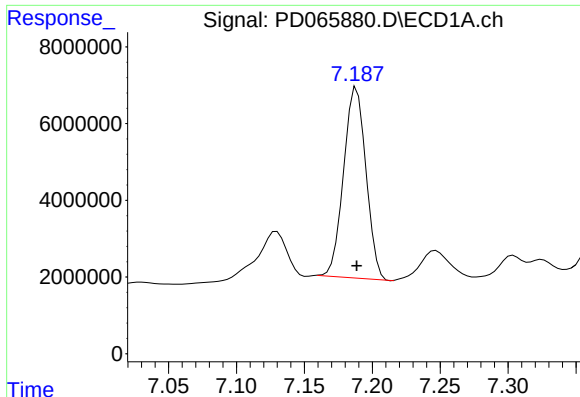
#20 Methoxychlor

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 30118151  
Conc: 44.07 ng/ml



#20 Methoxychlor

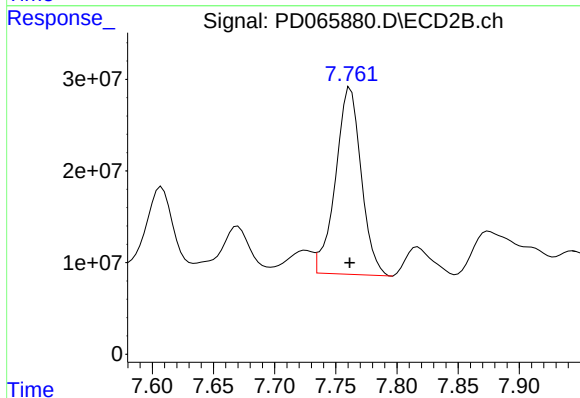
R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 126318666  
Conc: 48.00 ng/ml



#21 Endrin ketone

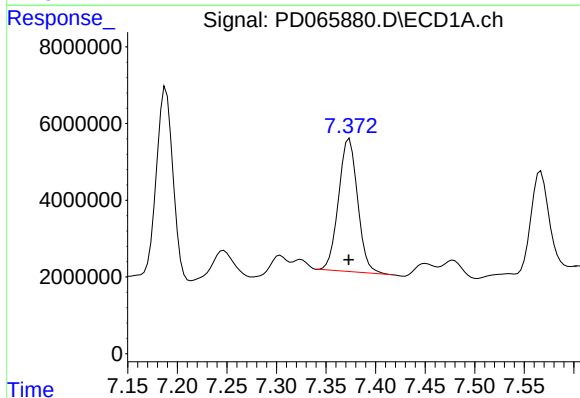
R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 57144810  
Conc: 40.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



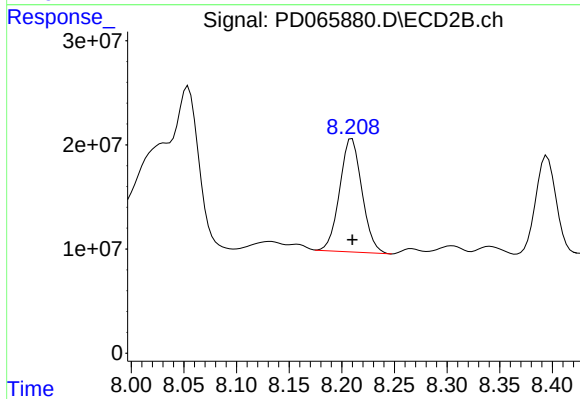
#21 Endrin ketone

R.T.: 7.762 min  
Delta R.T.: 0.000 min  
Response: 298249266  
Conc: 52.30 ng/ml



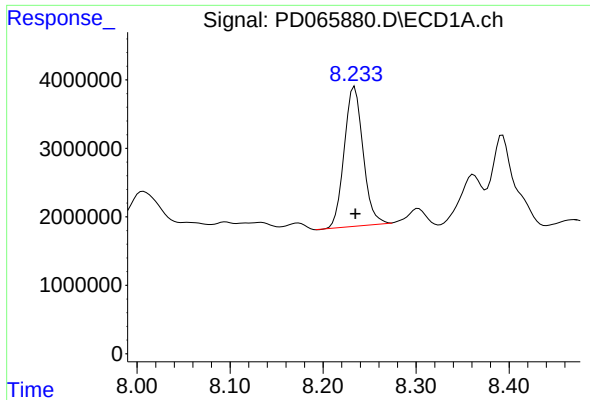
#22 Mirex

R.T.: 7.374 min  
Delta R.T.: 0.000 min  
Response: 46221855  
Conc: 38.28 ng/ml



#22 Mirex

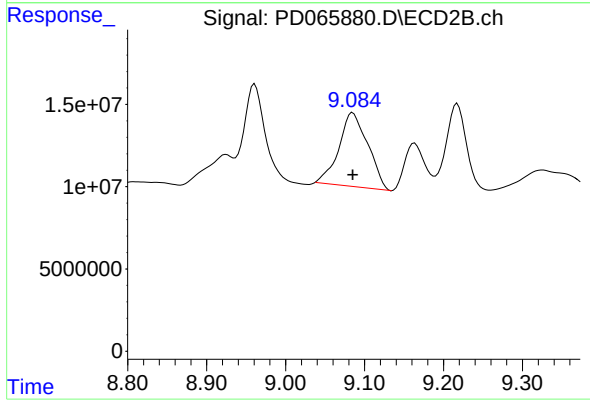
R.T.: 8.208 min  
Delta R.T.: -0.002 min  
Response: 160687693  
Conc: 40.69 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.234 min  
Delta R.T.: 0.000 min  
Response: 28627786  
Conc: 20.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-6MSD



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 113677398  
Conc: 29.37 ng/ml