

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090721\  
 Data File : PD065606.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Sep 2021 23:11  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 10:41:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 04 01:23:47 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... | 3.494 | 4.013 | 45380134 | 384.9E6 | 46.306 | 52.520 |
| 2)                          | SA Decachlor... | 8.237 | 9.084 | 69947597 | 270.1E6 | 40.571 | 50.618 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.934 | 4.407 | 67713634 | 562.3E6 | 47.001 | 53.151 |
| 3)                          | MA gamma-BHC... | 4.217 | 4.694 | 65553388 | 516.2E6 | 45.415 | 52.381 |
| 4)                          | MA Heptachlor   | 4.515 | 5.198 | 67377197 | 470.0E6 | 44.394 | 51.691 |
| 5)                          | MB Aldrin       | 4.763 | 5.503 | 63530580 | 429.3E6 | 44.455 | 50.884 |
| 6)                          | B beta-BHC      | 4.465 | 4.870 | 32736650 | 240.0E6 | 44.863 | 51.551 |
| 7)                          | B delta-BHC     | 4.670 | 5.087 | 69841219 | 495.8E6 | 46.832 | 53.319 |
| 8)                          | B Heptachlo...  | 5.205 | 5.893 | 64322163 | 371.9E6 | 44.098 | 51.637 |
| 9)                          | A Endosulfan I  | 5.543 | 6.250 | 62551212 | 364.3E6 | 44.128 | 51.731 |
| 10)                         | B gamma-Chl...  | 5.430 | 6.126 | 67022059 | 389.1E6 | 43.881 | 51.822 |
| 11)                         | B alpha-Chl...  | 5.488 | 6.198 | 66213548 | 380.3E6 | 43.985 | 51.636 |
| 12)                         | B 4,4'-DDE      | 5.651 | 6.356 | 64149426 | 379.5E6 | 44.988 | 52.527 |
| 13)                         | MA Dieldrin     | 5.786 | 6.508 | 69308887 | 394.7E6 | 44.789 | 52.317 |
| 14)                         | MA Endrin       | 6.044 | 6.727 | 65519104 | 320.2E6 | 47.651 | 53.676 |
| 15)                         | B Endosulfa...  | 6.316 | 6.940 | 63252743 | 332.2E6 | 44.040 | 51.813 |
| 16)                         | A 4,4'-DDD      | 6.166 | 6.850 | 56339925 | 319.4E6 | 44.193 | 51.163 |
| 17)                         | MA 4,4'-DDT     | 6.406 | 7.148 | 63837570 | 329.5E6 | 46.380 | 54.093 |
| 18)                         | B Endrin al...  | 6.485 | 7.065 | 55454588 | 283.9E6 | 43.965 | 51.962 |
| 19)                         | B Endosulfa...  | 6.697 | 7.287 | 68267576 | 329.8E6 | 44.182 | 51.589 |
| 20)                         | A Methoxychlor  | 6.952 | 7.607 | 39161435 | 177.0E6 | 46.703 | 54.372 |
| 21)                         | B Endrin ke...  | 7.190 | 7.761 | 79051451 | 375.1E6 | 42.516 | 49.584 |
| 22)                         | Mirex           | 7.375 | 8.210 | 64053345 | 258.4E6 | 40.858 | 48.850 |
| -----                       |                 |       |       |          |         |        |        |

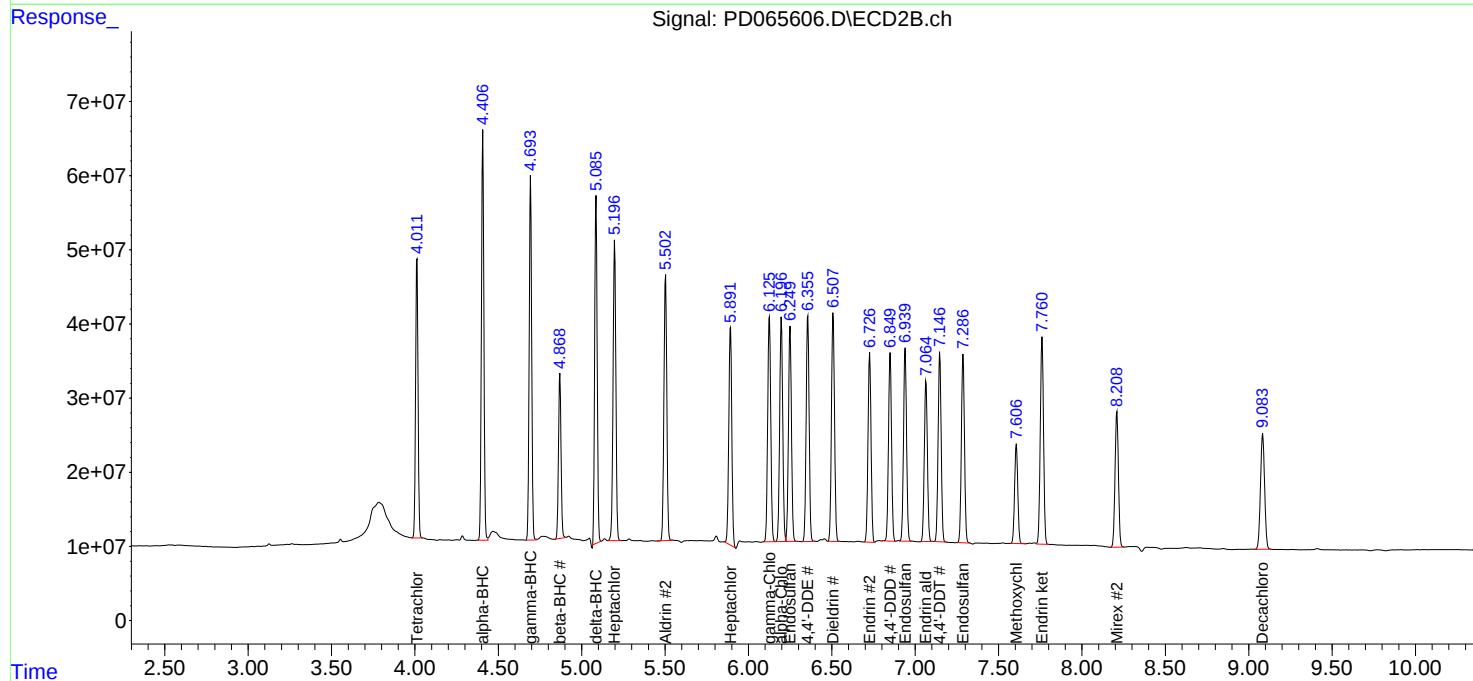
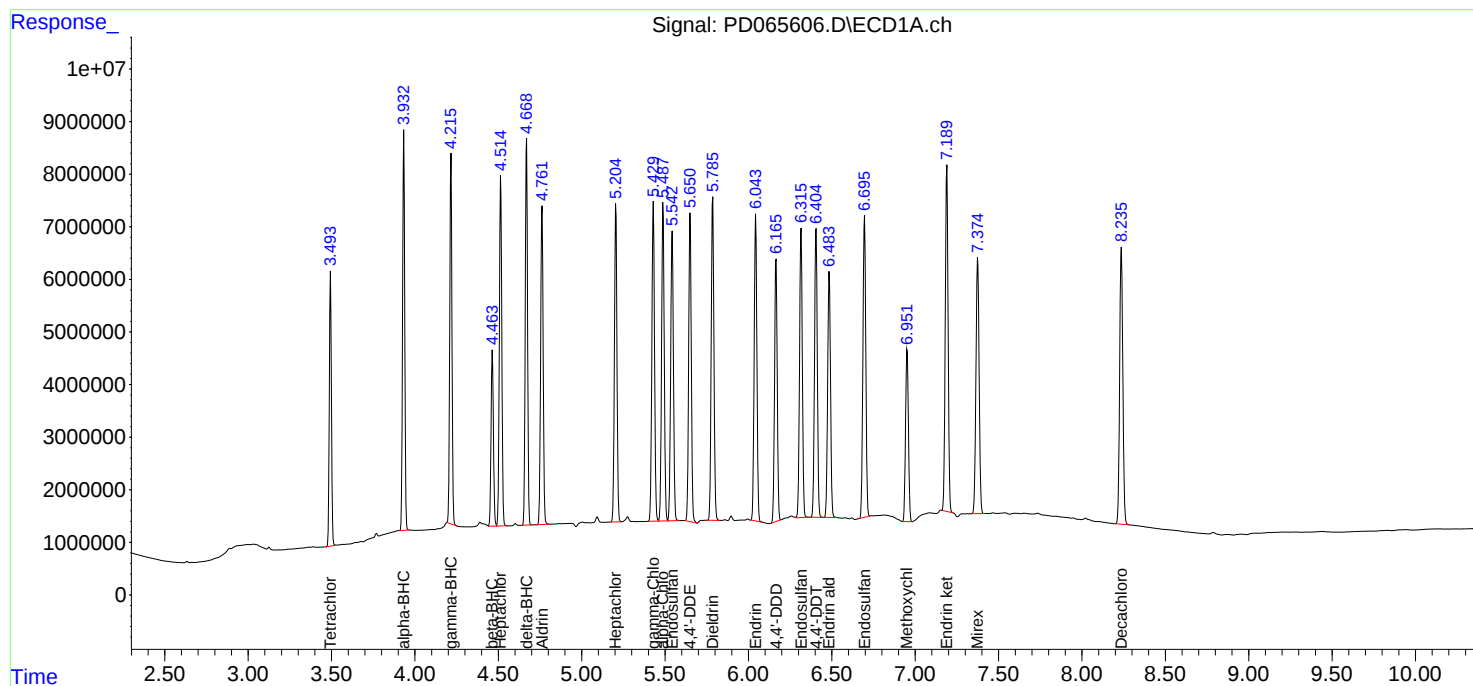
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

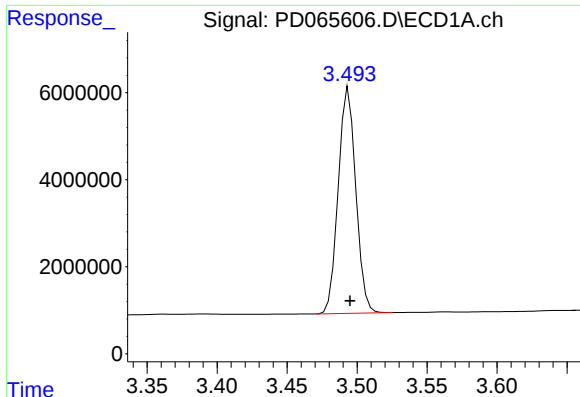
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090721\  
Data File : PD065606.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Sep 2021 23:11  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 10:41:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 04 01:23:47 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

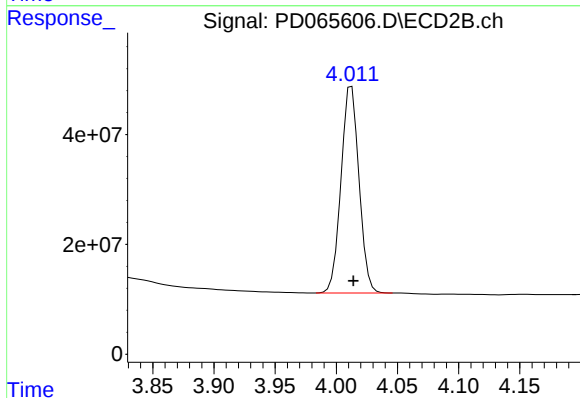




#1 Tetrachloro-m-xylene

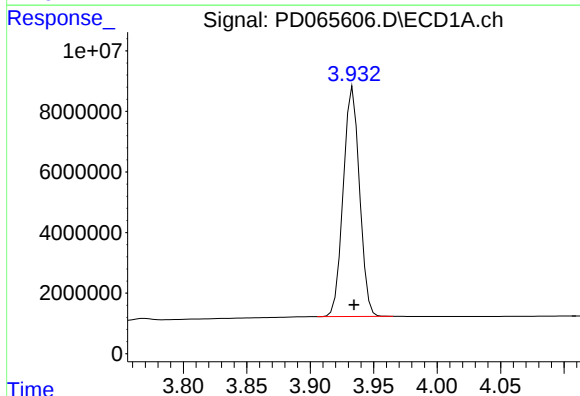
R.T.: 3.494 min  
Delta R.T.: -0.001 min  
Response: 45380134  
Conc: 46.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



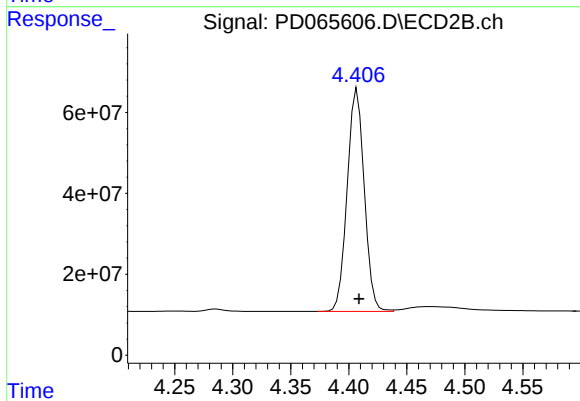
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: -0.002 min  
Response: 384940593  
Conc: 52.52 ng/ml



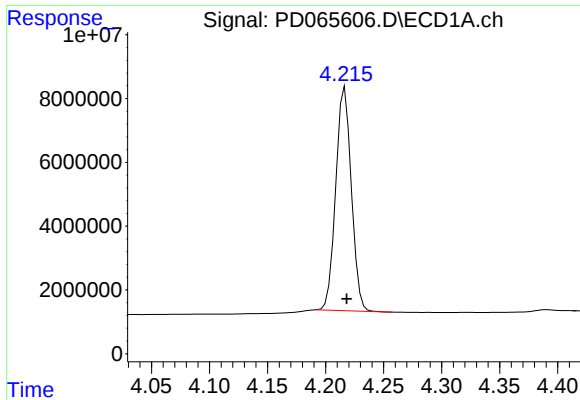
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 67713634  
Conc: 47.00 ng/ml



#2 alpha-BHC

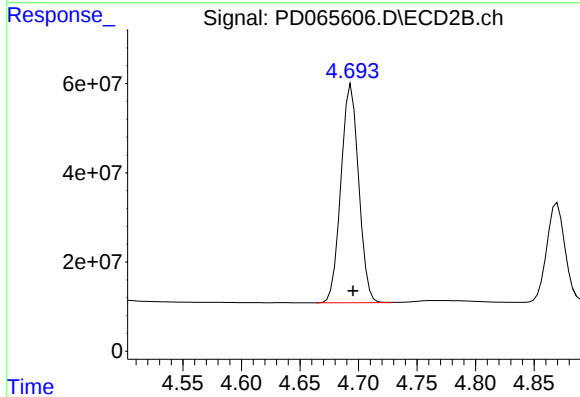
R.T.: 4.407 min  
Delta R.T.: -0.002 min  
Response: 562263343  
Conc: 53.15 ng/ml



#3 gamma-BHC (Lindane)

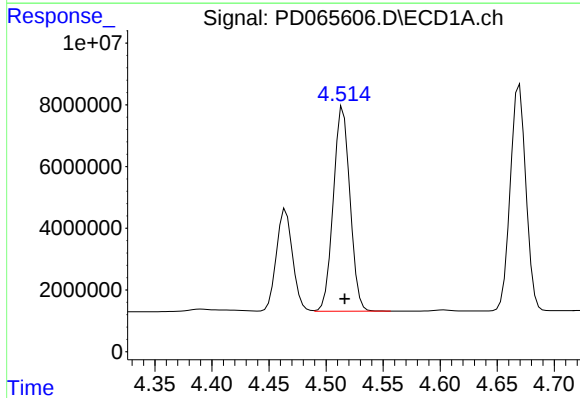
R.T.: 4.217 min  
Delta R.T.: -0.001 min  
Response: 65553388  
Conc: 45.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



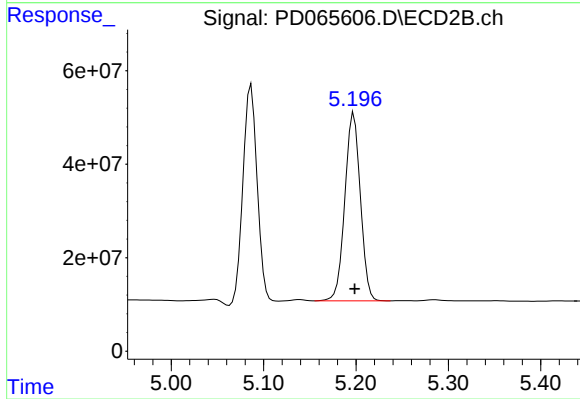
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: -0.002 min  
Response: 516168345  
Conc: 52.38 ng/ml



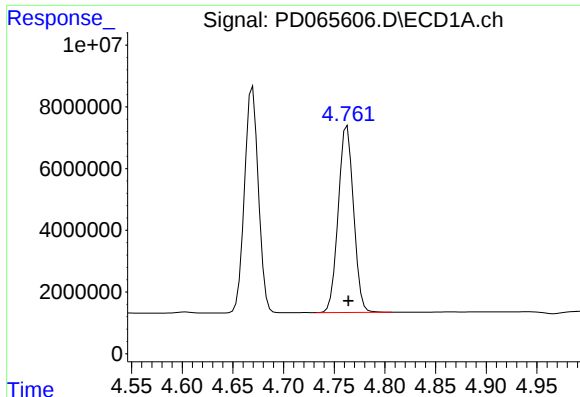
#4 Heptachlor

R.T.: 4.515 min  
Delta R.T.: -0.001 min  
Response: 67377197  
Conc: 44.39 ng/ml



#4 Heptachlor

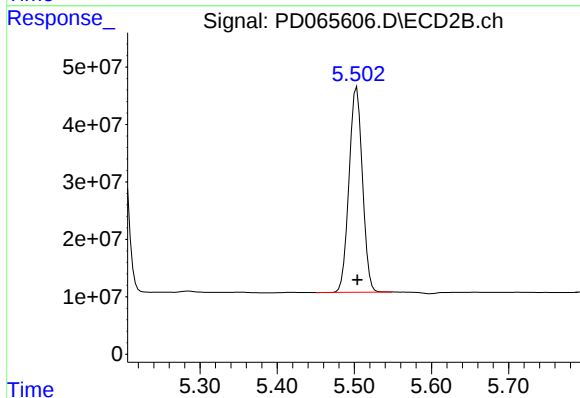
R.T.: 5.198 min  
Delta R.T.: -0.001 min  
Response: 469991621  
Conc: 51.69 ng/ml



#5 Aldrin

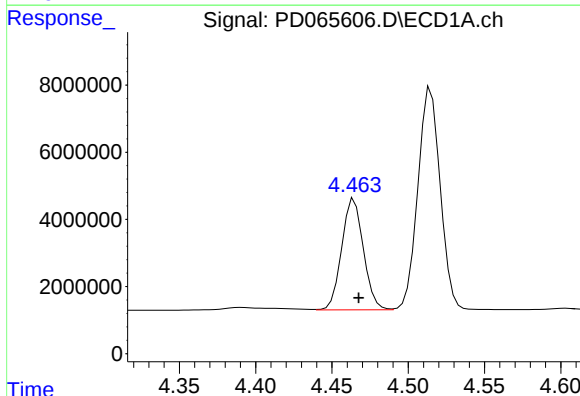
R.T.: 4.763 min  
Delta R.T.: -0.001 min  
Response: 63530580  
Conc: 44.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



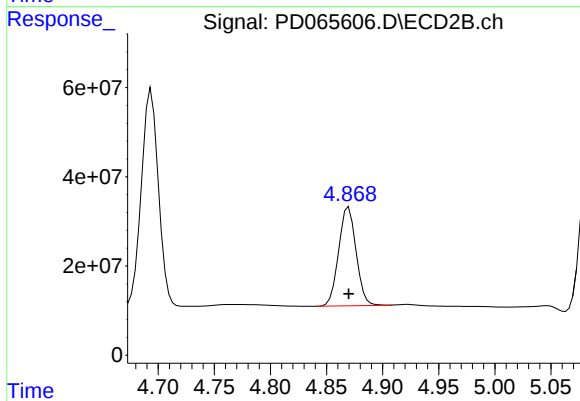
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.001 min  
Response: 429300786  
Conc: 50.88 ng/ml



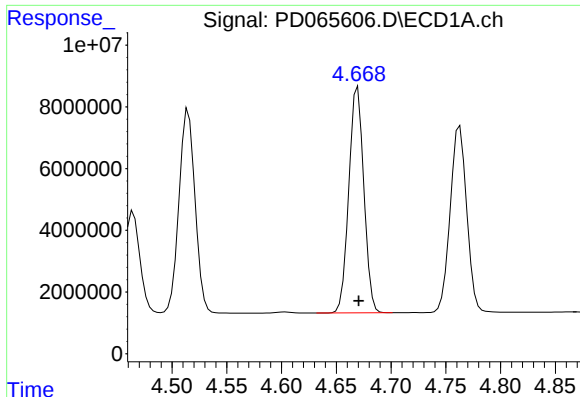
#6 beta-BHC

R.T.: 4.465 min  
Delta R.T.: -0.003 min  
Response: 32736650  
Conc: 44.86 ng/ml



#6 beta-BHC

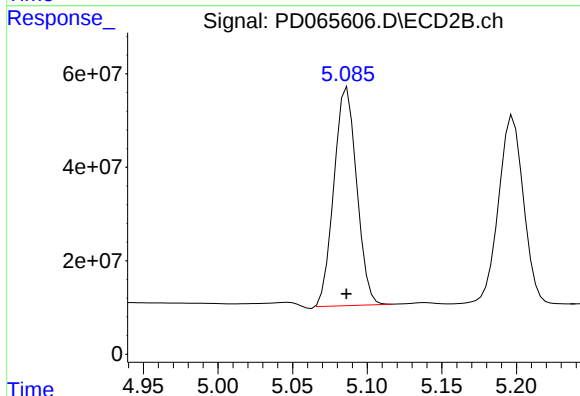
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 239987493  
Conc: 51.55 ng/ml



#7 delta-BHC

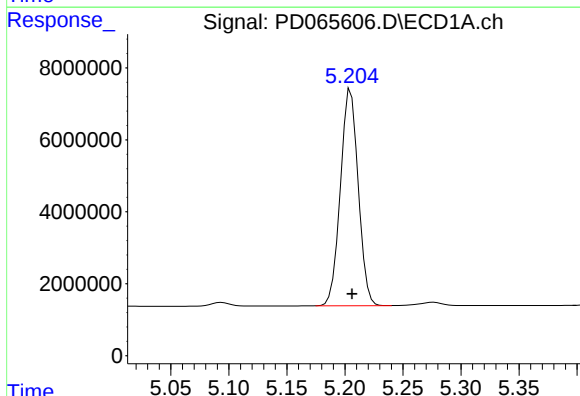
R.T.: 4.670 min  
Delta R.T.: 0.000 min  
Response: 69841219  
Conc: 46.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



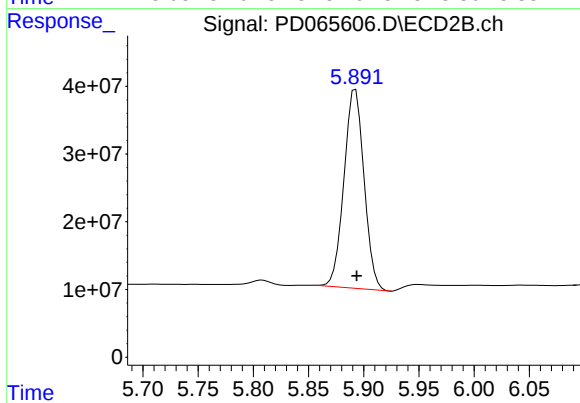
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 495758506  
Conc: 53.32 ng/ml



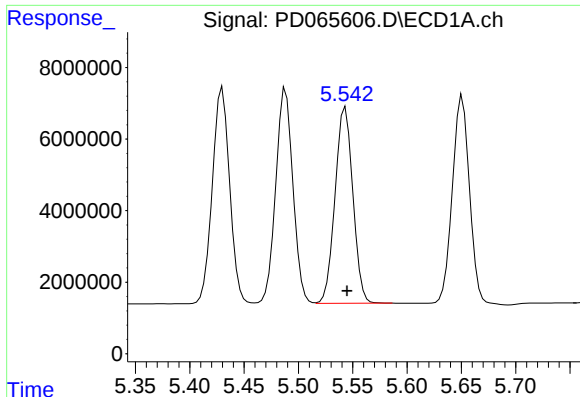
#8 Heptachlor epoxide

R.T.: 5.205 min  
Delta R.T.: 0.000 min  
Response: 64322163  
Conc: 44.10 ng/ml



#8 Heptachlor epoxide

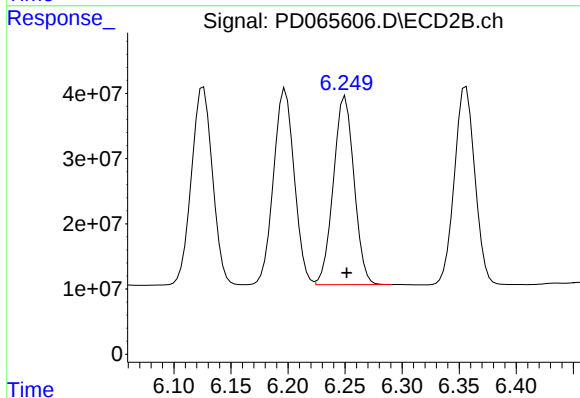
R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 371902322  
Conc: 51.64 ng/ml



#9 Endosulfan I

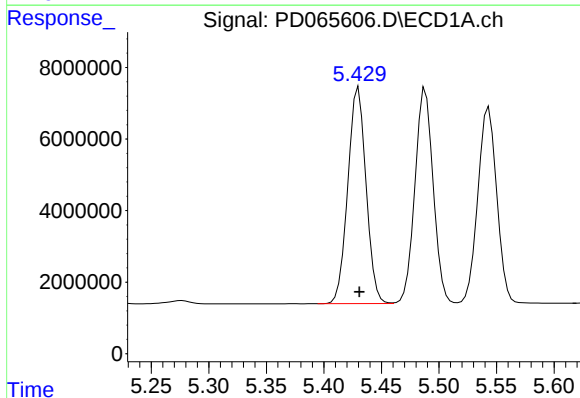
R.T.: 5.543 min  
Delta R.T.: -0.001 min  
Response: 62551212  
Conc: 44.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



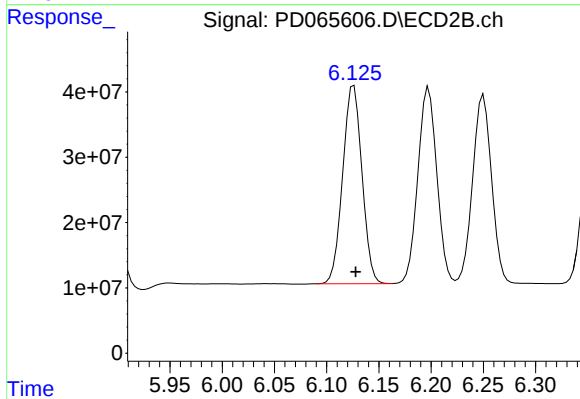
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: -0.001 min  
Response: 364337828  
Conc: 51.73 ng/ml



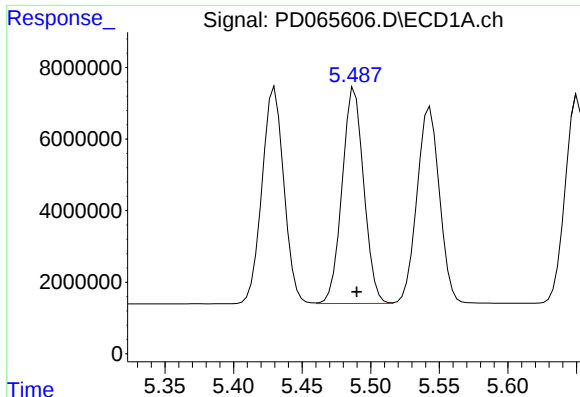
#10 gamma-Chlordane

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 67022059  
Conc: 43.88 ng/ml



#10 gamma-Chlordane

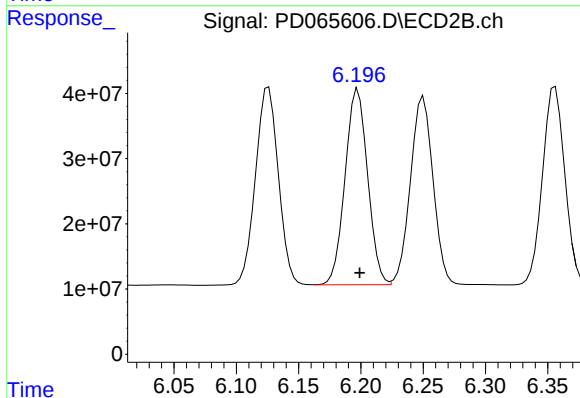
R.T.: 6.126 min  
Delta R.T.: -0.002 min  
Response: 389147972  
Conc: 51.82 ng/ml



#11 alpha-Chlordane

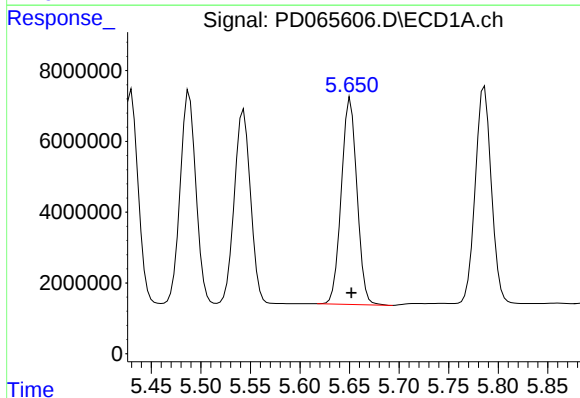
R.T.: 5.488 min  
Delta R.T.: -0.002 min  
Response: 66213548  
Conc: 43.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



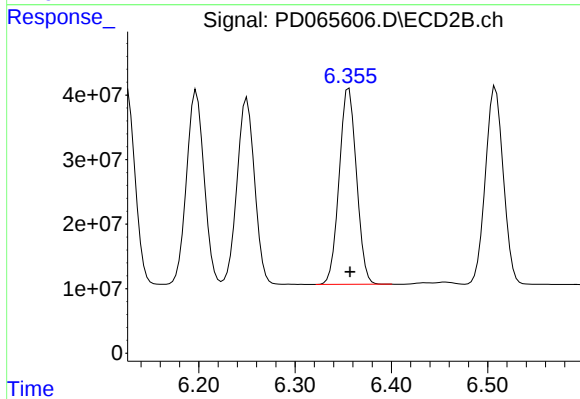
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 380299079  
Conc: 51.64 ng/ml



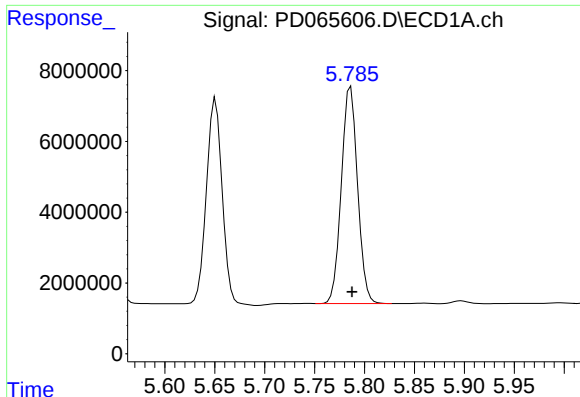
#12 4,4'-DDE

R.T.: 5.651 min  
Delta R.T.: -0.001 min  
Response: 64149426  
Conc: 44.99 ng/ml



#12 4,4'-DDE

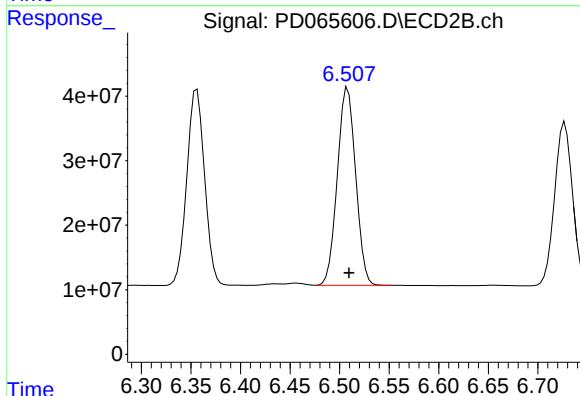
R.T.: 6.356 min  
Delta R.T.: -0.001 min  
Response: 379503240  
Conc: 52.53 ng/ml



#13 Dieldrin

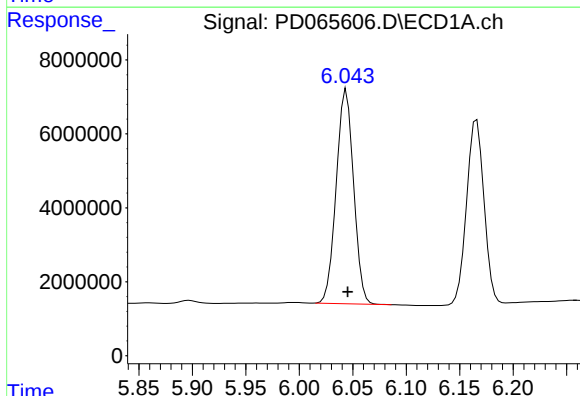
R.T.: 5.786 min  
Delta R.T.: -0.001 min  
Response: 69308887  
Conc: 44.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



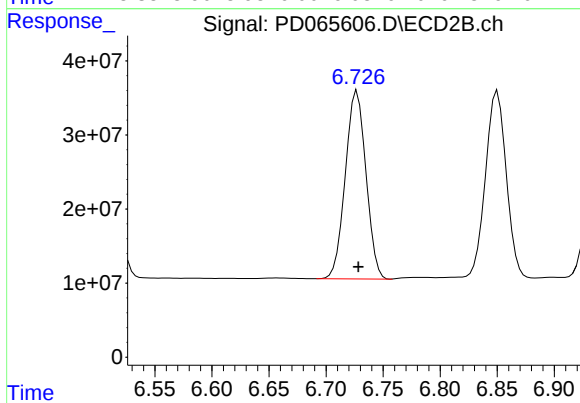
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: -0.001 min  
Response: 394700546  
Conc: 52.32 ng/ml



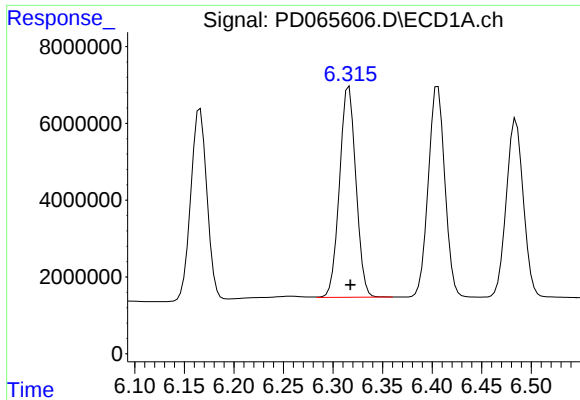
#14 Endrin

R.T.: 6.044 min  
Delta R.T.: -0.001 min  
Response: 65519104  
Conc: 47.65 ng/ml



#14 Endrin

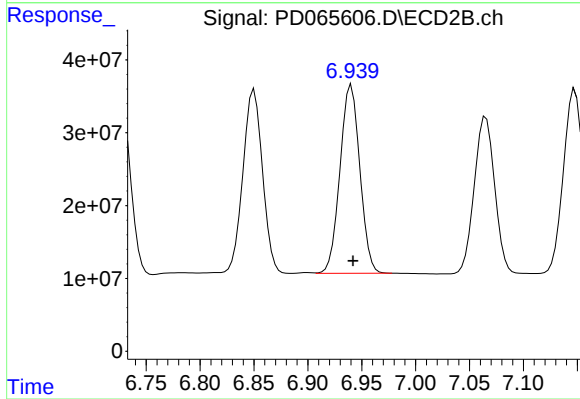
R.T.: 6.727 min  
Delta R.T.: -0.001 min  
Response: 320195291  
Conc: 53.68 ng/ml



#15 Endosulfan II

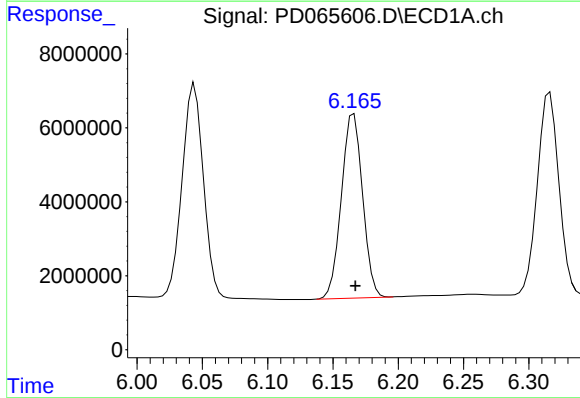
R.T.: 6.316 min  
Delta R.T.: -0.001 min  
Response: 63252743  
Conc: 44.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



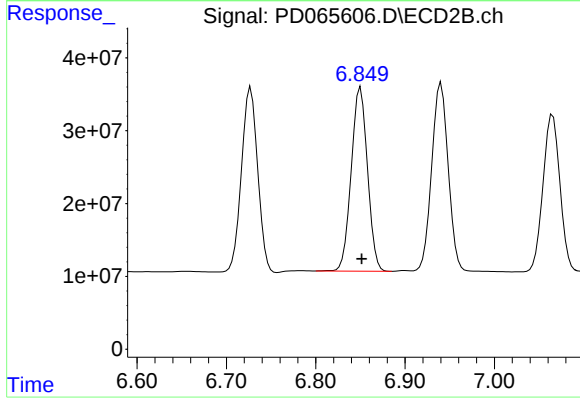
#15 Endosulfan II

R.T.: 6.940 min  
Delta R.T.: -0.002 min  
Response: 332167999  
Conc: 51.81 ng/ml



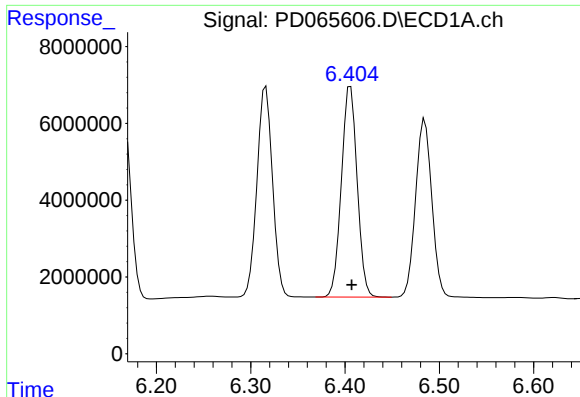
#16 4,4'-DDD

R.T.: 6.166 min  
Delta R.T.: -0.001 min  
Response: 56339925  
Conc: 44.19 ng/ml



#16 4,4'-DDD

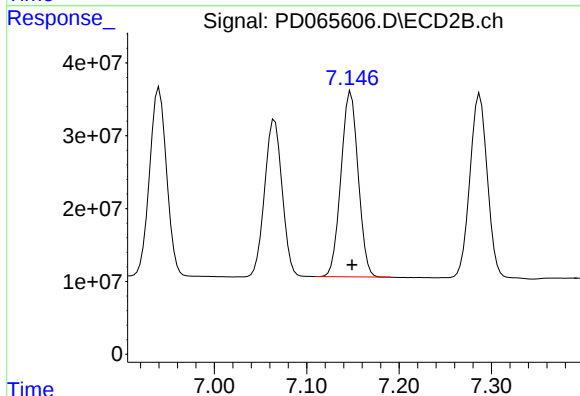
R.T.: 6.850 min  
Delta R.T.: -0.001 min  
Response: 319377306  
Conc: 51.16 ng/ml



#17 4,4'-DDT

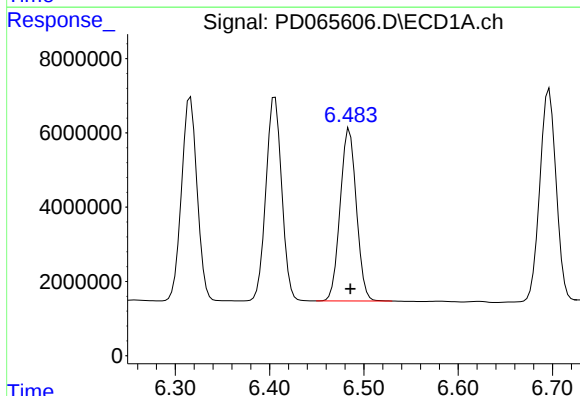
R.T.: 6.406 min  
Delta R.T.: -0.001 min  
Response: 63837570  
Conc: 46.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



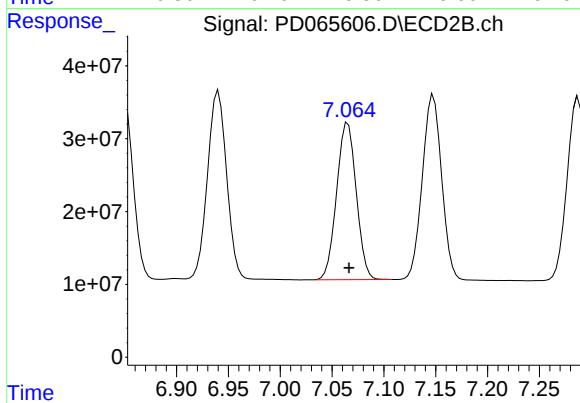
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: -0.001 min  
Response: 329498723  
Conc: 54.09 ng/ml



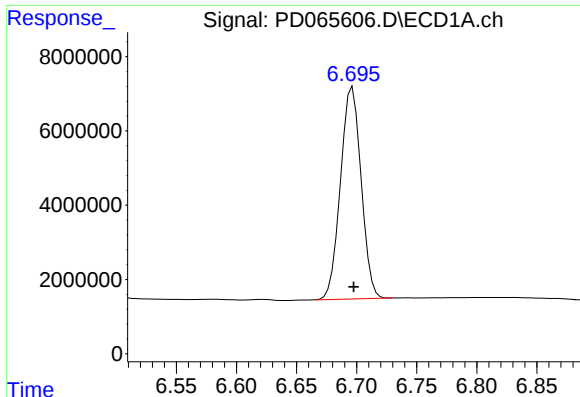
#18 Endrin aldehyde

R.T.: 6.485 min  
Delta R.T.: -0.001 min  
Response: 55454588  
Conc: 43.97 ng/ml



#18 Endrin aldehyde

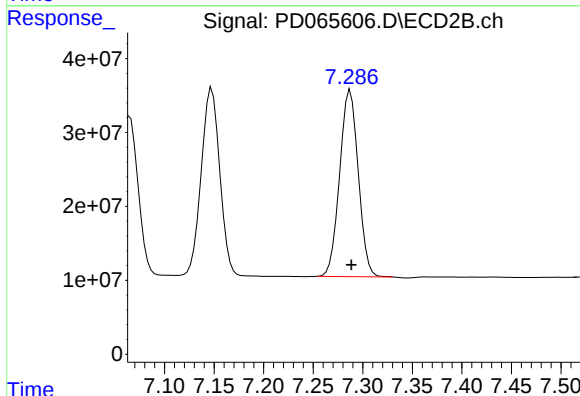
R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 283894918  
Conc: 51.96 ng/ml



#19 Endosulfan Sulfate

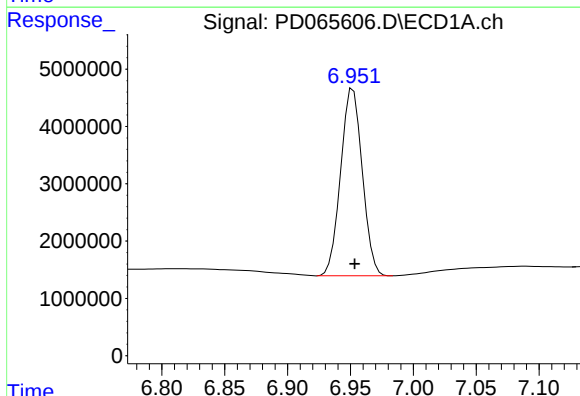
R.T.: 6.697 min  
Delta R.T.: -0.001 min  
Response: 68267576  
Conc: 44.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



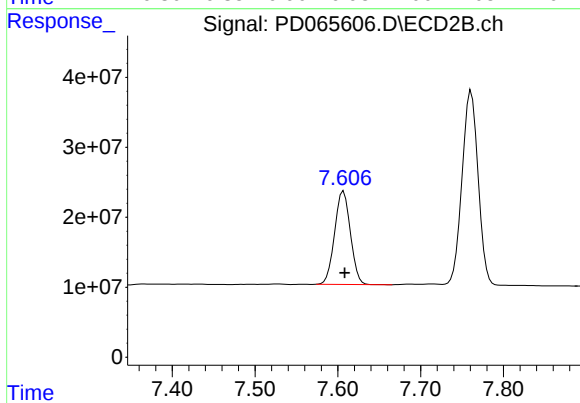
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: -0.001 min  
Response: 329790724  
Conc: 51.59 ng/ml



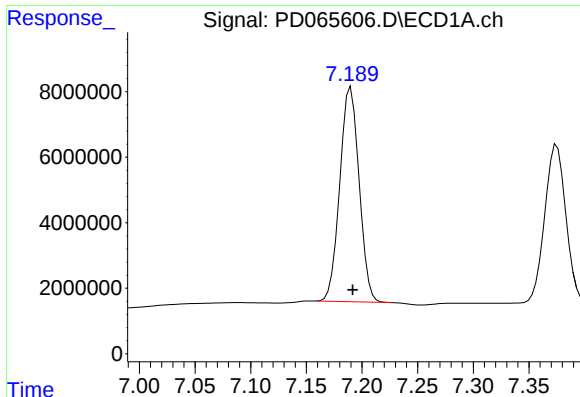
#20 Methoxychlor

R.T.: 6.952 min  
Delta R.T.: -0.001 min  
Response: 39161435  
Conc: 46.70 ng/ml



#20 Methoxychlor

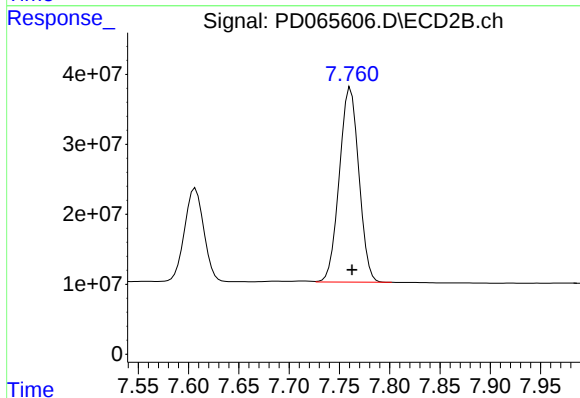
R.T.: 7.607 min  
Delta R.T.: -0.002 min  
Response: 176983284  
Conc: 54.37 ng/ml



#21 Endrin ketone

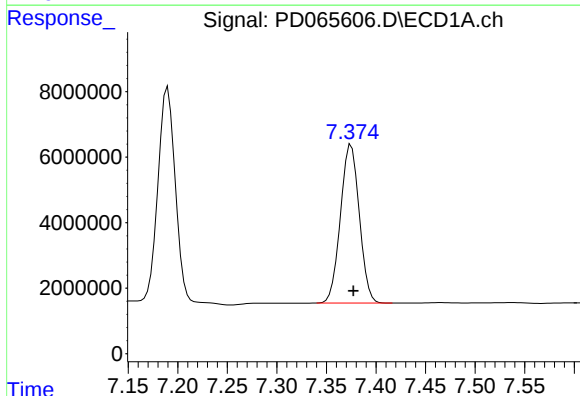
R.T.: 7.190 min  
Delta R.T.: -0.002 min  
Response: 79051451  
Conc: 42.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



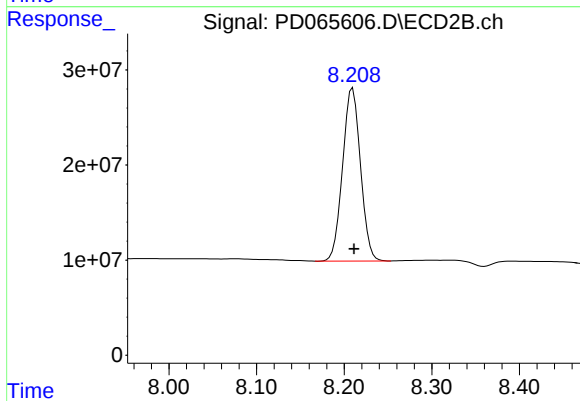
#21 Endrin ketone

R.T.: 7.761 min  
Delta R.T.: -0.002 min  
Response: 375113289  
Conc: 49.58 ng/ml



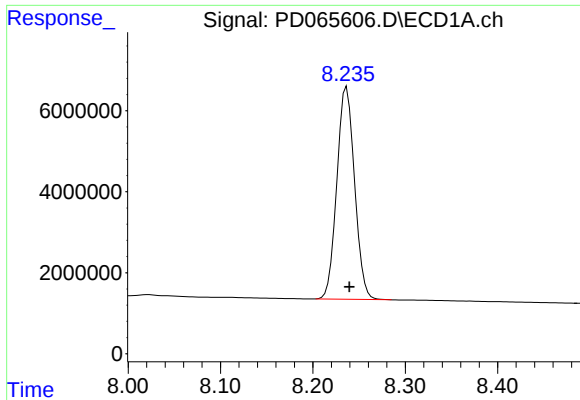
#22 Mirex

R.T.: 7.375 min  
Delta R.T.: -0.002 min  
Response: 64053345  
Conc: 40.86 ng/ml



#22 Mirex

R.T.: 8.210 min  
Delta R.T.: -0.002 min  
Response: 258375017  
Conc: 48.85 ng/ml



#28 Decachlorobiphenyl

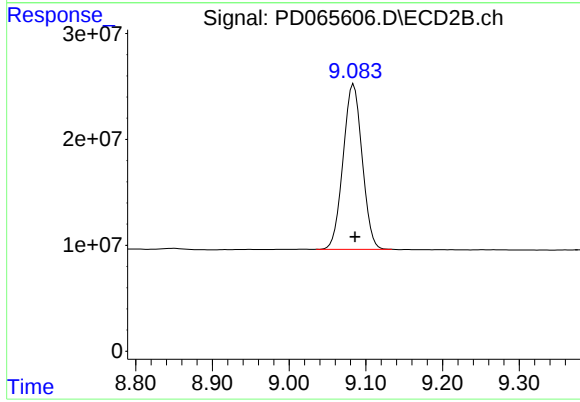
R.T.: 8.237 min

Delta R.T.: -0.003 min

Response: 69947597

Conc: 40.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.084 min

Delta R.T.: -0.002 min

Response: 270095272

Conc: 50.62 ng/ml