

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051322\  
 Data File : PD069581.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2022 14:53  
 Operator : AR\AJ  
 Sample : PB144733BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB144733BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 12 01:43:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 18 13:40:55 2022  
 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... | 3.443 | 4.171 | 24234242 | 222.0E6 | 21.831 | 20.701 |
| 2)                          | SA Decachlor... | 8.196 | 9.363 | 26882473 | 151.3E6 | 21.529 | 23.119 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.882 | 4.567 | 92097527 | 778.7E6 | 56.439 | 50.502 |
| 3)                          | MA gamma-BHC... | 4.165 | 4.857 | 84957693 | 693.1E6 | 49.666 | 49.082 |
| 4)                          | MA Heptachlor   | 4.462 | 5.384 | 80312306 | 668.2E6 | 54.155 | 48.911 |
| 5)                          | MB Aldrin       | 4.709 | 5.697 | 83913753 | 679.3E6 | 57.622 | 51.405 |
| 6)                          | B beta-BHC      | 4.415 | 5.021 | 35199618 | 293.4E6 | 50.631 | 47.761 |
| 7)                          | B delta-BHC     | 4.618 | 5.246 | 83602370 | 655.8E6 | 56.358 | 48.904 |
| 8)                          | B Heptachlo...  | 5.153 | 6.085 | 75820498 | 585.4E6 | 55.312 | 49.471 |
| 9)                          | A Endosulfan I  | 5.491 | 6.447 | 69505906 | 530.0E6 | 53.860 | 49.071 |
| 10)                         | B gamma-Chl...  | 5.379 | 6.321 | 76698081 | 587.1E6 | 55.175 | 50.422 |
| 11)                         | B alpha-Chl...  | 5.437 | 6.396 | 75439984 | 569.5E6 | 54.854 | 49.792 |
| 12)                         | B 4,4'-DDE      | 5.603 | 6.546 | 70774740 | 545.2E6 | 55.934 | 50.468 |
| 13)                         | MA Dieldrin     | 5.736 | 6.706 | 77059651 | 578.0E6 | 57.109 | 51.852 |
| 14)                         | MA Endrin       | 5.994 | 6.926 | 67195741 | 483.0E6 | 55.577 | 53.251 |
| 15)                         | B Endosulfa...  | 6.267 | 7.131 | 66456623 | 491.0E6 | 57.429 | 56.751 |
| 16)                         | A 4,4'-DDD      | 6.120 | 7.037 | 60777074 | 464.6E6 | 55.761 | 53.936 |
| 17)                         | MA 4,4'-DDT     | 6.361 | 7.340 | 56471424 | 423.6E6 | 52.523 | 48.842 |
| 18)                         | B Endrin al...  | 6.437 | 7.254 | 55164255 | 400.8E6 | 59.767 | 57.974 |
| 19)                         | B Endosulfa...  | 6.649 | 7.480 | 65046689 | 443.3E6 | 53.775 | 51.933 |
| 20)                         | A Methoxychlor  | 6.911 | 7.793 | 32999961 | 221.2E6 | 51.948 | 51.314 |
| 21)                         | B Endrin ke...  | 7.142 | 7.954 | 75301545 | 466.7E6 | 53.481 | 51.619 |
| 22)                         | Mirex           | 7.325 | 8.421 | 57231177 | 327.9E6 | 50.308 | 50.863 |
| -----                       |                 |       |       |          |         |        |        |

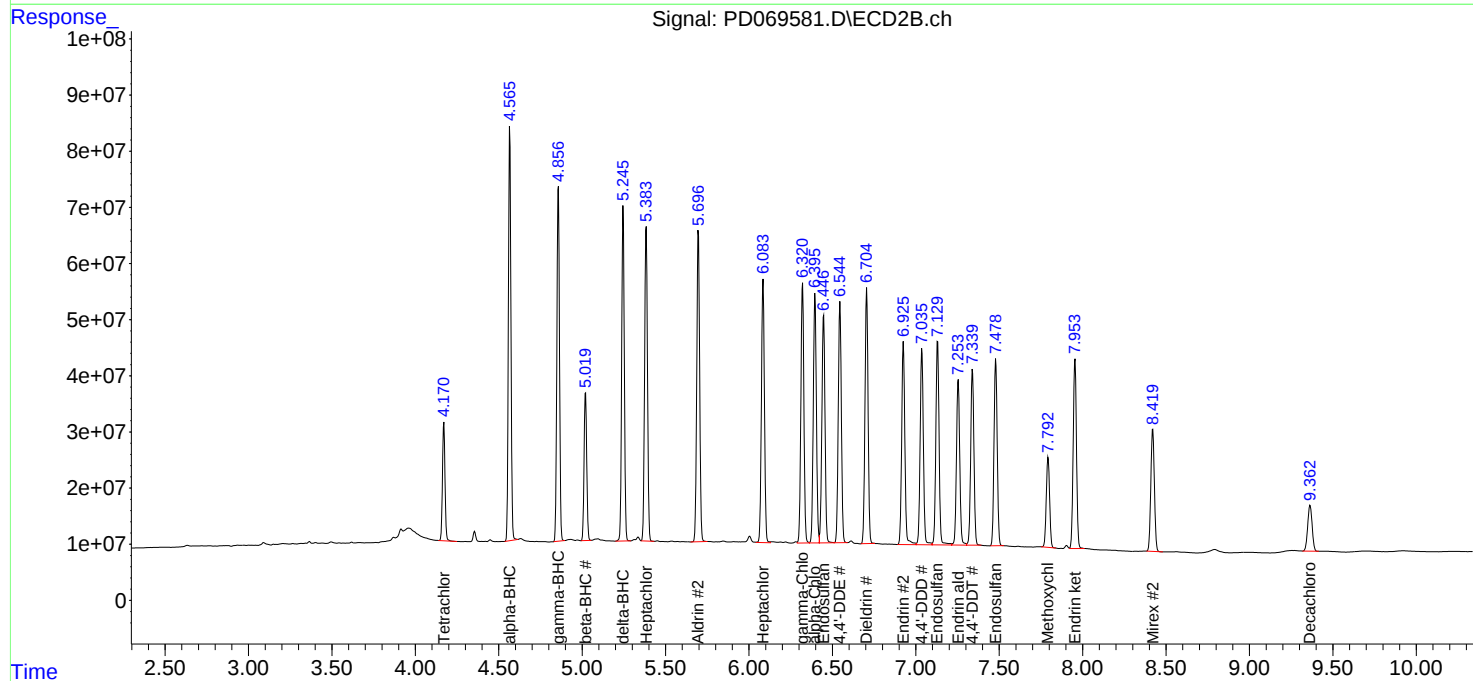
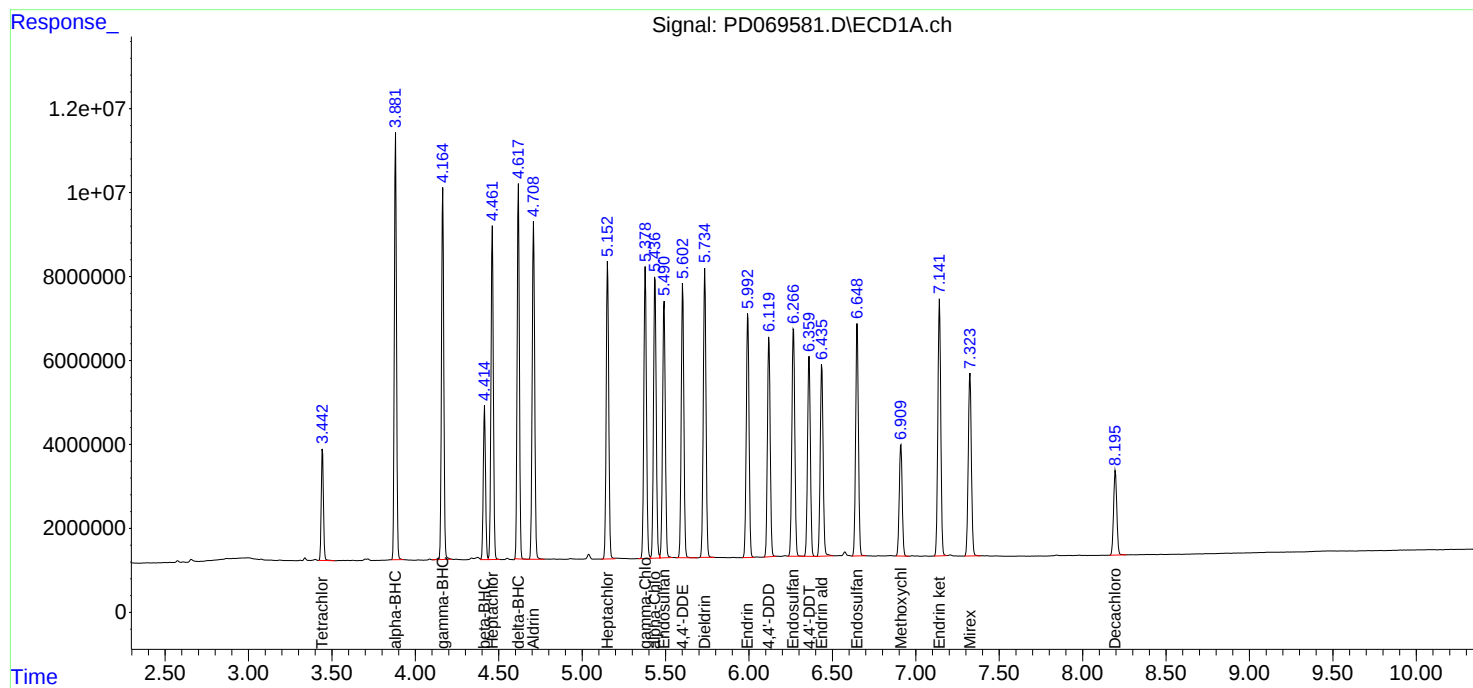
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

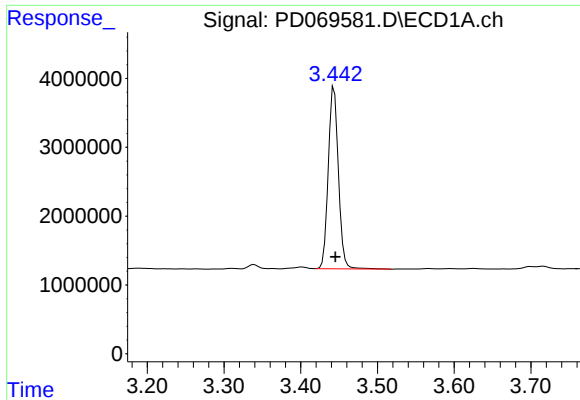
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051322\  
Data File : PD069581.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2022 14:53  
Operator : AR\AJ  
Sample : PB144733BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 12 01:43:22 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 18 13:40:55 2022  
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

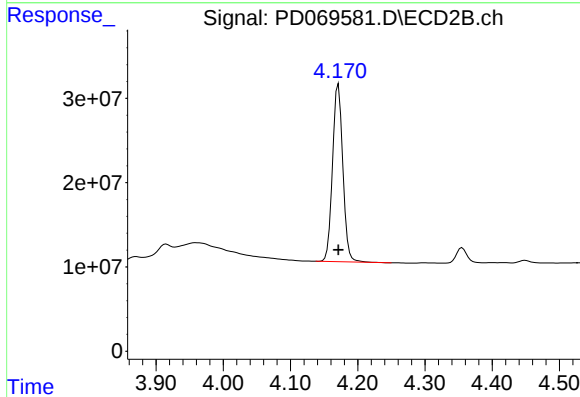




#1 Tetrachloro-m-xylene

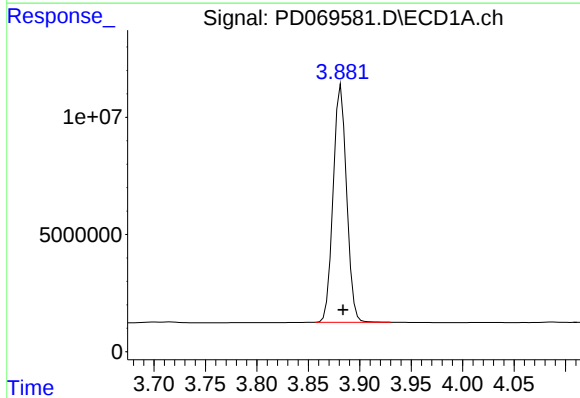
R.T.: 3.443 min  
Delta R.T.: -0.002 min  
Response: 24234242  
Conc: 21.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



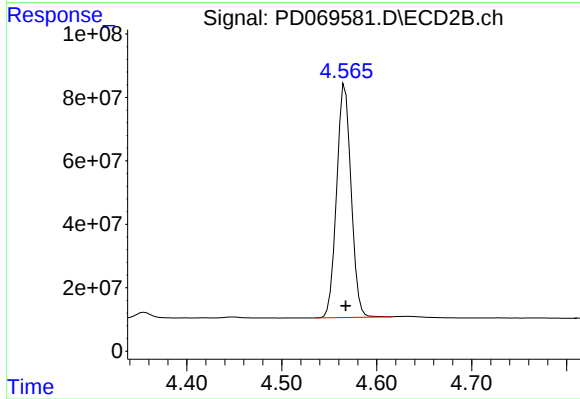
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 221954008  
Conc: 20.70 ng/ml



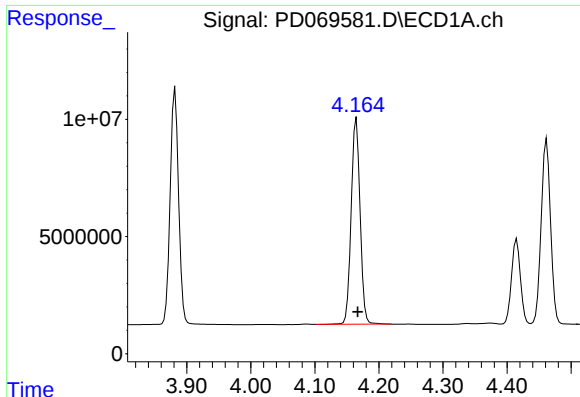
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.002 min  
Response: 92097527  
Conc: 56.44 ng/ml



#2 alpha-BHC

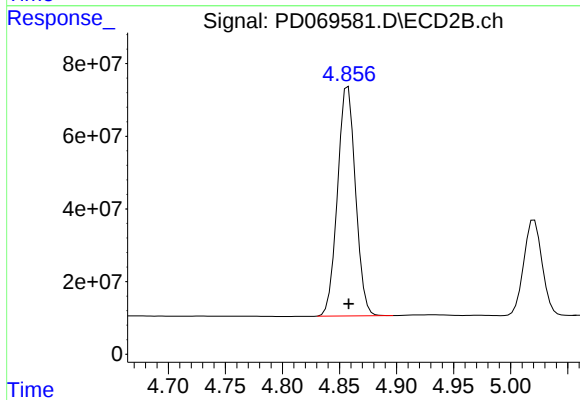
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 778742753  
Conc: 50.50 ng/ml



#3 gamma-BHC (Lindane)

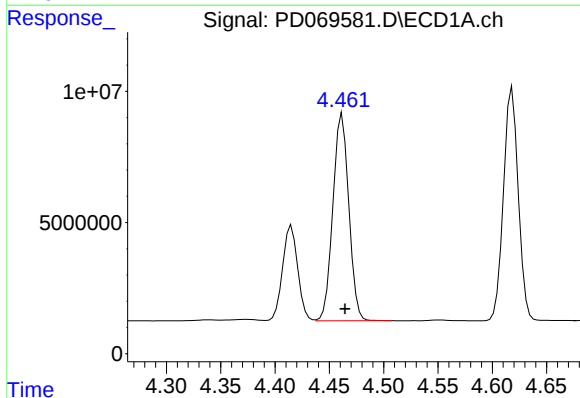
R.T.: 4.165 min  
Delta R.T.: -0.002 min  
Response: 84957693  
Conc: 49.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



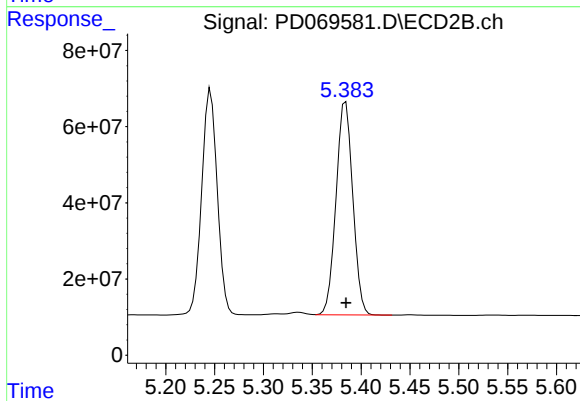
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 693068123  
Conc: 49.08 ng/ml



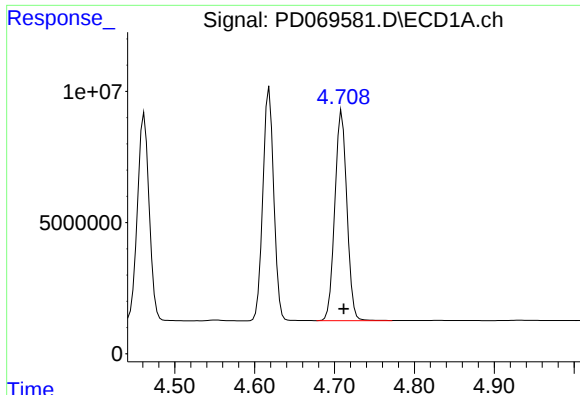
#4 Heptachlor

R.T.: 4.462 min  
Delta R.T.: -0.003 min  
Response: 80312306  
Conc: 54.15 ng/ml



#4 Heptachlor

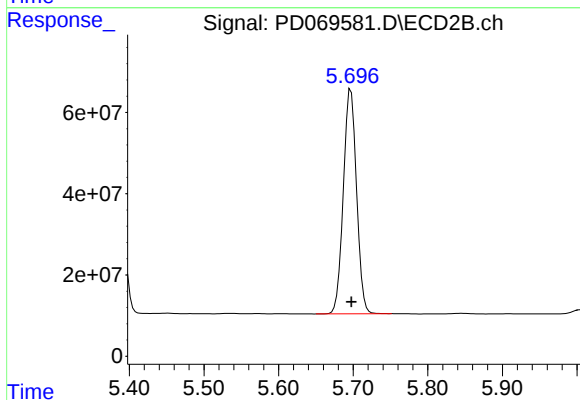
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 668216569  
Conc: 48.91 ng/ml



#5 Aldrin

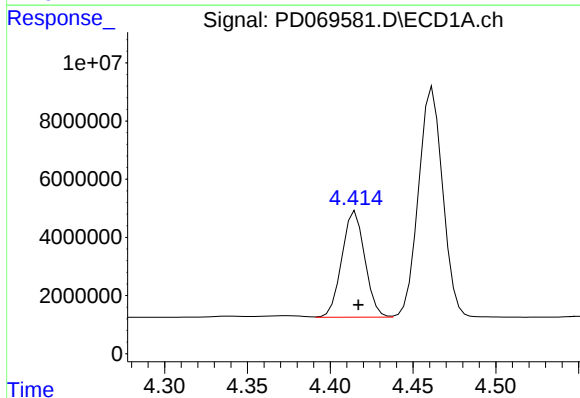
R.T.: 4.709 min  
Delta R.T.: -0.003 min  
Response: 83913753  
Conc: 57.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



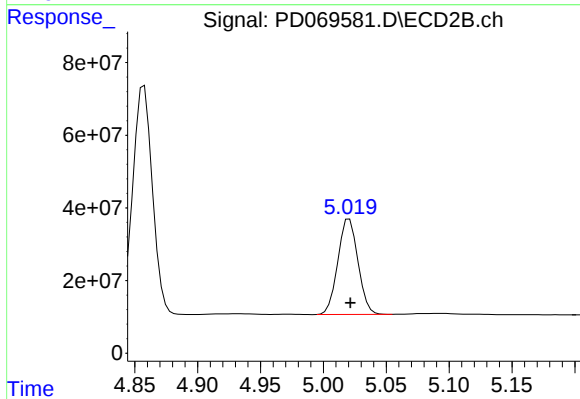
#5 Aldrin

R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 679328589  
Conc: 51.41 ng/ml



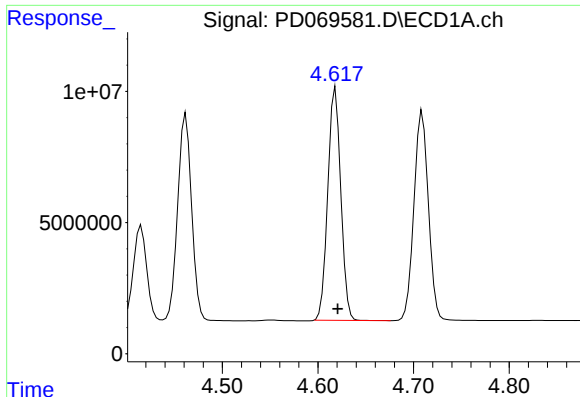
#6 beta-BHC

R.T.: 4.415 min  
Delta R.T.: -0.002 min  
Response: 35199618  
Conc: 50.63 ng/ml



#6 beta-BHC

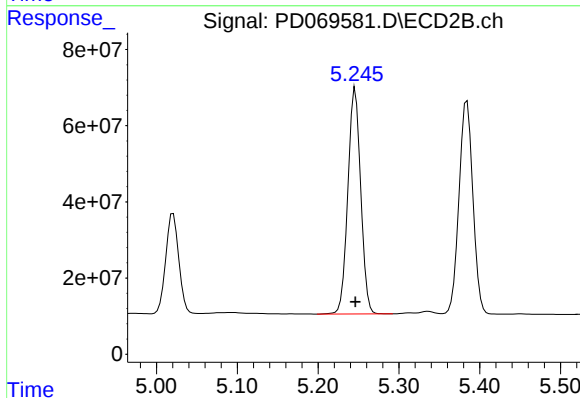
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 293422280  
Conc: 47.76 ng/ml



#7 delta-BHC

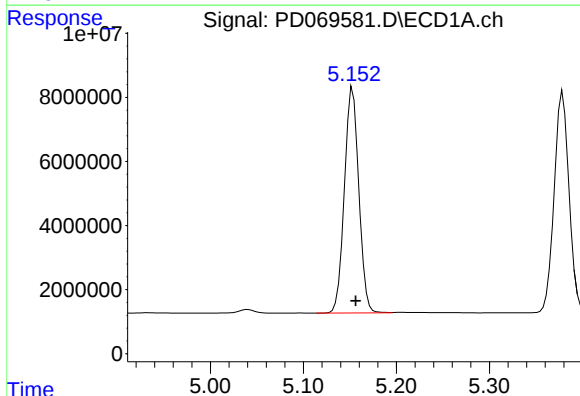
R.T.: 4.618 min  
Delta R.T.: -0.002 min  
Response: 83602370  
Conc: 56.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



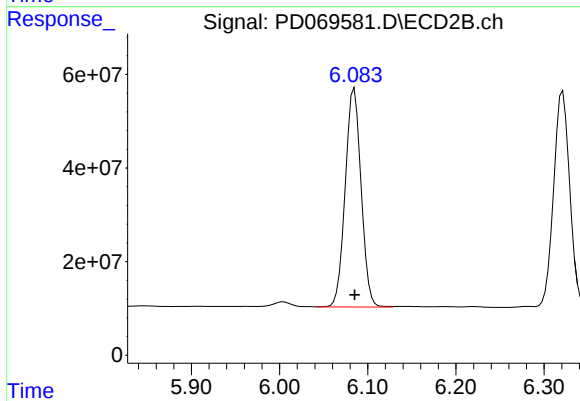
#7 delta-BHC

R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 655839274  
Conc: 48.90 ng/ml



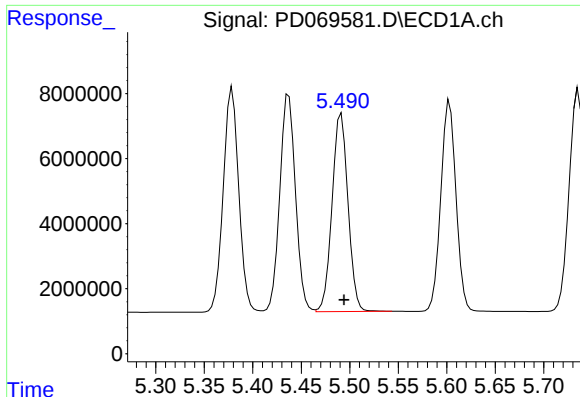
#8 Heptachlor epoxide

R.T.: 5.153 min  
Delta R.T.: -0.003 min  
Response: 75820498  
Conc: 55.31 ng/ml



#8 Heptachlor epoxide

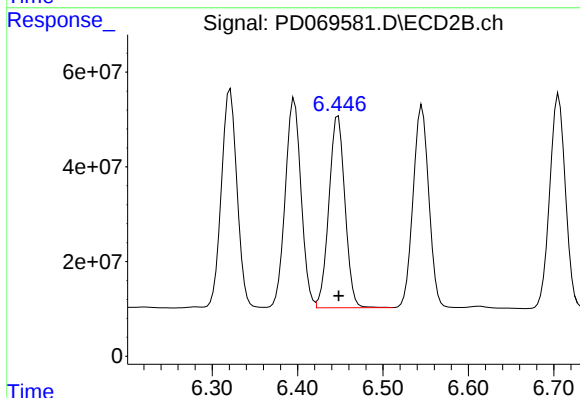
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 585448935  
Conc: 49.47 ng/ml



#9 Endosulfan I

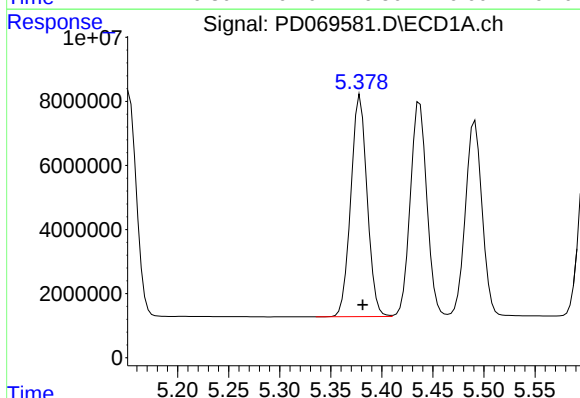
R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 69505906  
Conc: 53.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



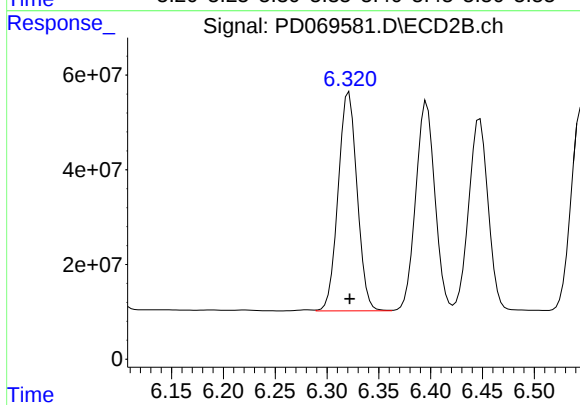
#9 Endosulfan I

R.T.: 6.447 min  
Delta R.T.: 0.000 min  
Response: 529966406  
Conc: 49.07 ng/ml



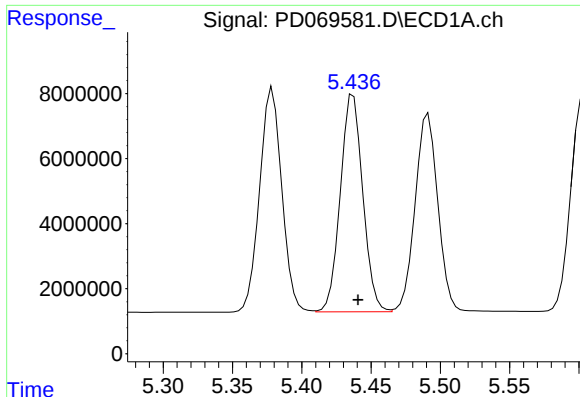
#10 gamma-Chlordane

R.T.: 5.379 min  
Delta R.T.: -0.002 min  
Response: 76698081  
Conc: 55.18 ng/ml



#10 gamma-Chlordane

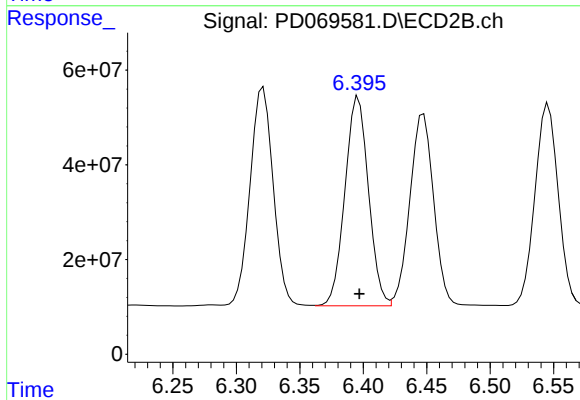
R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 587124069  
Conc: 50.42 ng/ml



#11 alpha-Chlordane

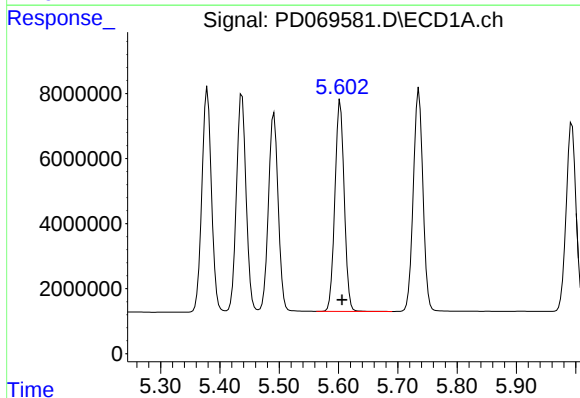
R.T.: 5.437 min  
Delta R.T.: -0.004 min  
Response: 75439984  
Conc: 54.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



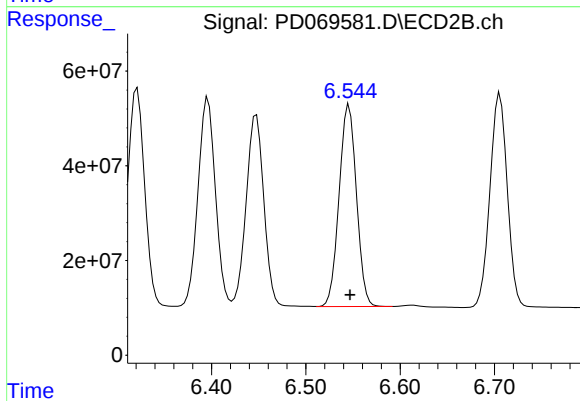
#11 alpha-Chlordane

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 569497357  
Conc: 49.79 ng/ml



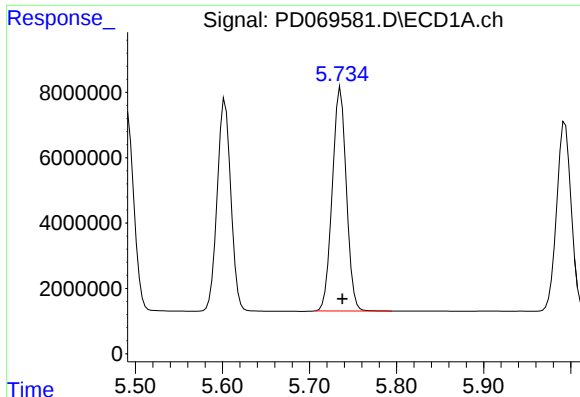
#12 4,4'-DDE

R.T.: 5.603 min  
Delta R.T.: -0.003 min  
Response: 70774740  
Conc: 55.93 ng/ml



#12 4,4'-DDE

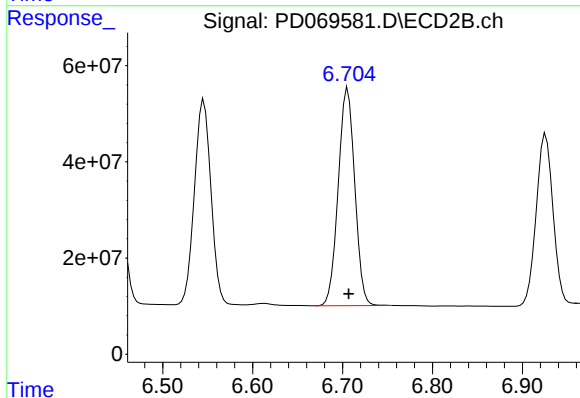
R.T.: 6.546 min  
Delta R.T.: -0.001 min  
Response: 545176851  
Conc: 50.47 ng/ml



#13 Dieldrin

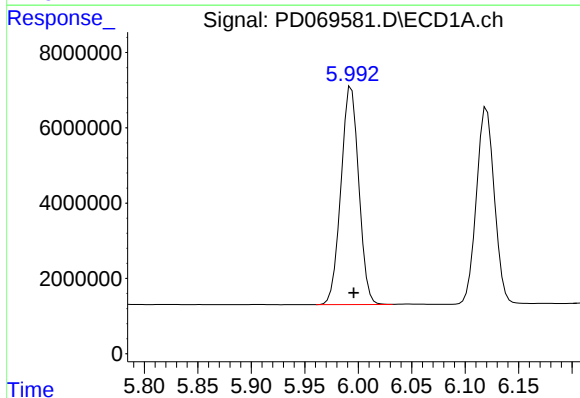
R.T.: 5.736 min  
Delta R.T.: -0.002 min  
Response: 77059651  
Conc: 57.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



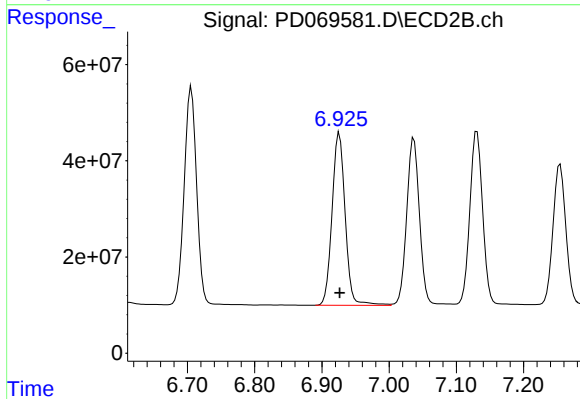
#13 Dieldrin

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 578045283  
Conc: 51.85 ng/ml



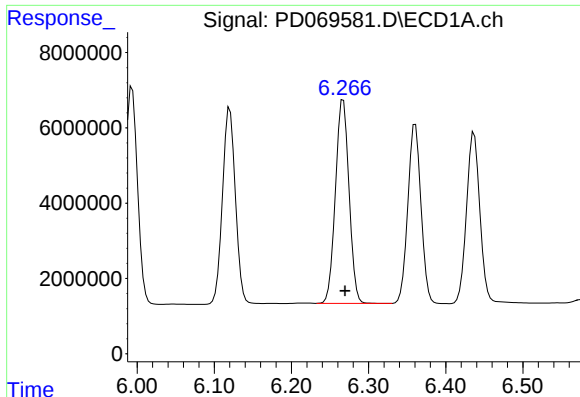
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.002 min  
Response: 67195741  
Conc: 55.58 ng/ml



#14 Endrin

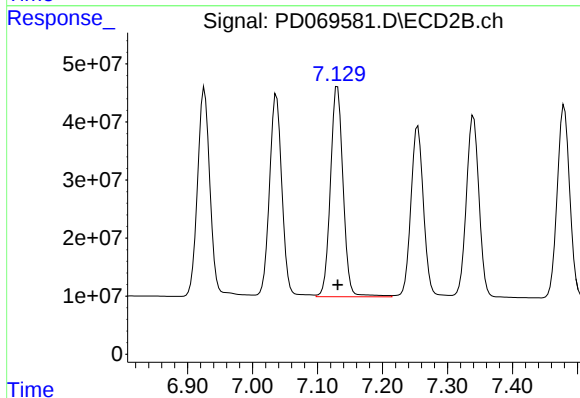
R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 482997764  
Conc: 53.25 ng/ml



#15 Endosulfan II

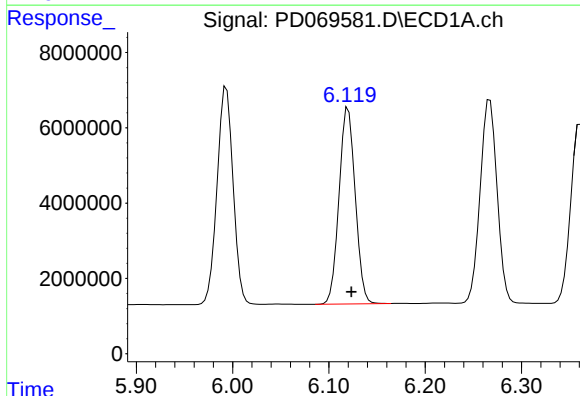
R.T.: 6.267 min  
Delta R.T.: -0.002 min  
Response: 66456623  
Conc: 57.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



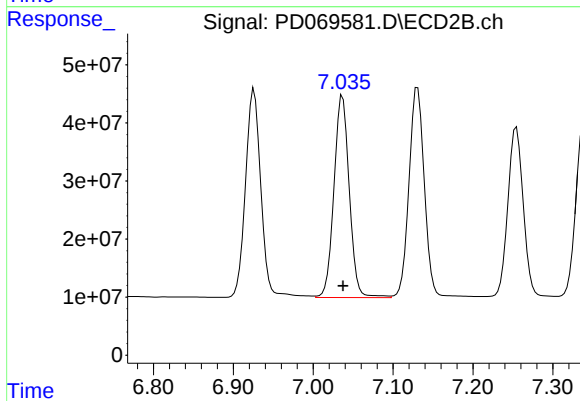
#15 Endosulfan II

R.T.: 7.131 min  
Delta R.T.: 0.000 min  
Response: 491009065  
Conc: 56.75 ng/ml



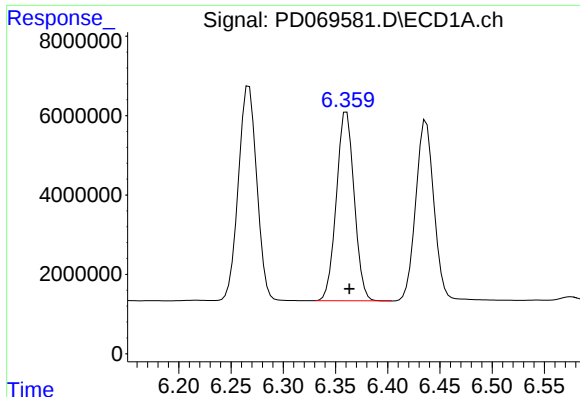
#16 4,4'-DDD

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 60777074  
Conc: 55.76 ng/ml



#16 4,4'-DDD

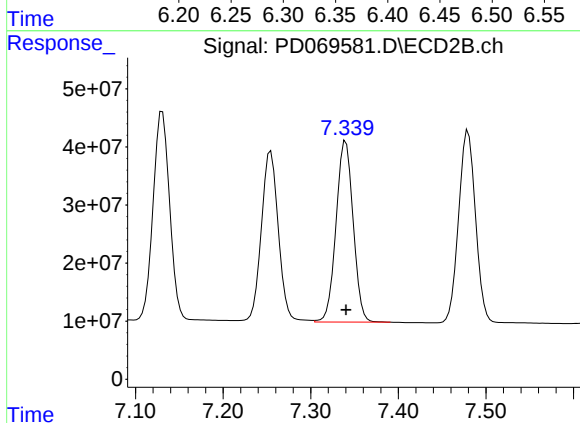
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 464569012  
Conc: 53.94 ng/ml



#17 4,4'-DDT

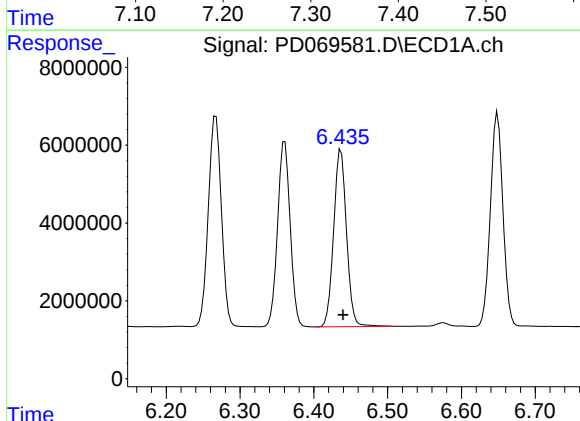
R.T.: 6.361 min  
Delta R.T.: -0.003 min  
Response: 56471424  
Conc: 52.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



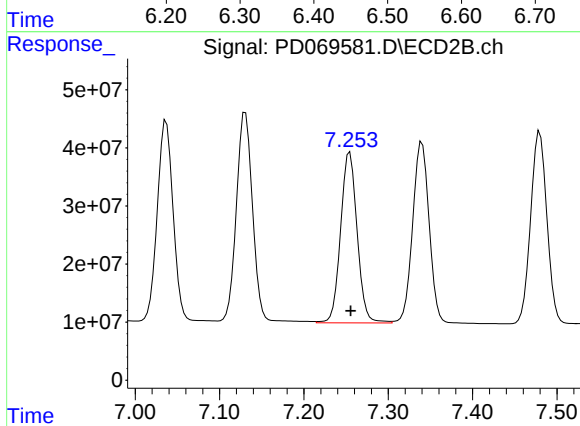
#17 4,4'-DDT

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 423642569  
Conc: 48.84 ng/ml



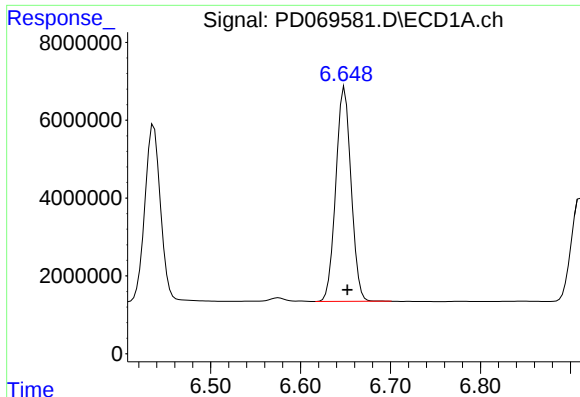
#18 Endrin aldehyde

R.T.: 6.437 min  
Delta R.T.: -0.003 min  
Response: 55164255  
Conc: 59.77 ng/ml



#18 Endrin aldehyde

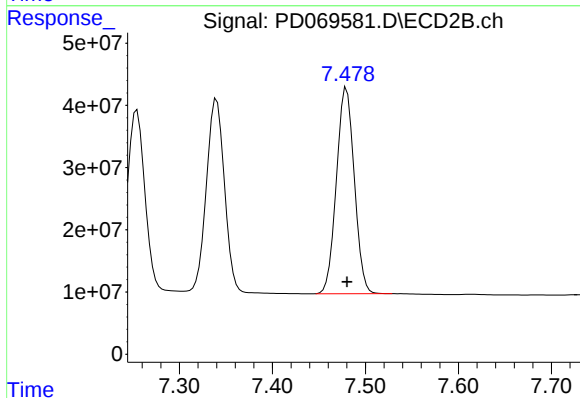
R.T.: 7.254 min  
Delta R.T.: -0.001 min  
Response: 400781772  
Conc: 57.97 ng/ml



#19 Endosulfan Sulfate

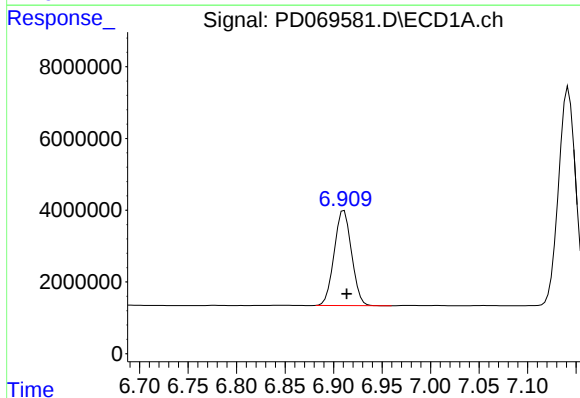
R.T.: 6.649 min  
Delta R.T.: -0.003 min  
Response: 65046689  
Conc: 53.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



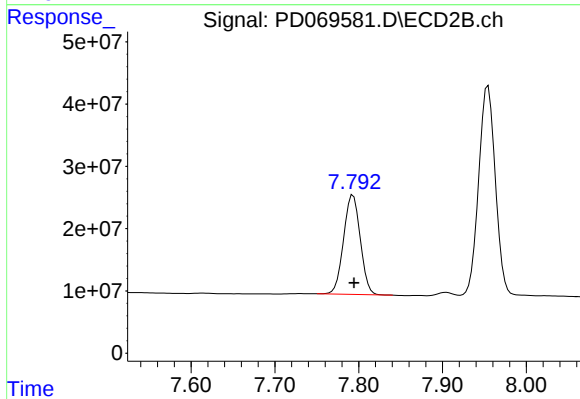
#19 Endosulfan Sulfate

R.T.: 7.480 min  
Delta R.T.: 0.000 min  
Response: 443330918  
Conc: 51.93 ng/ml



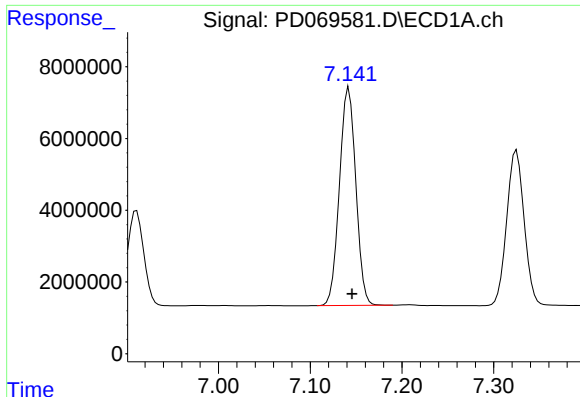
#20 Methoxychlor

R.T.: 6.911 min  
Delta R.T.: -0.003 min  
Response: 32999961  
Conc: 51.95 ng/ml



#20 Methoxychlor

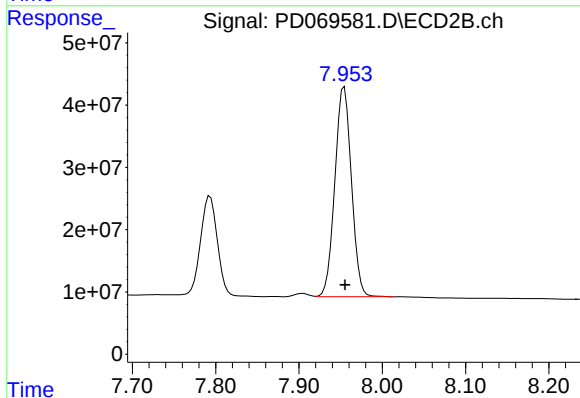
R.T.: 7.793 min  
Delta R.T.: -0.001 min  
Response: 221218209  
Conc: 51.31 ng/ml



#21 Endrin ketone

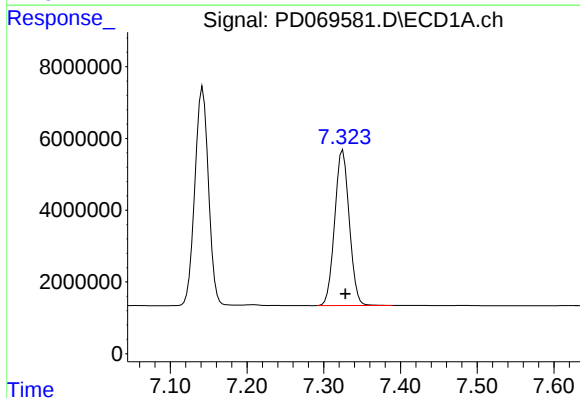
R.T.: 7.142 min  
Delta R.T.: -0.003 min  
Response: 75301545  
Conc: 53.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



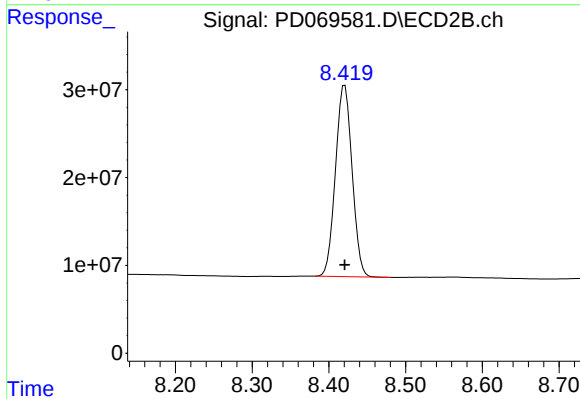
#21 Endrin ketone

R.T.: 7.954 min  
Delta R.T.: 0.000 min  
Response: 466713131  
Conc: 51.62 ng/ml



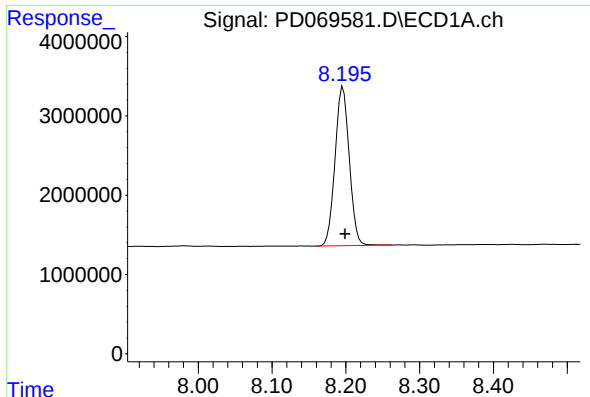
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: -0.003 min  
Response: 57231177  
Conc: 50.31 ng/ml



#22 Mirex

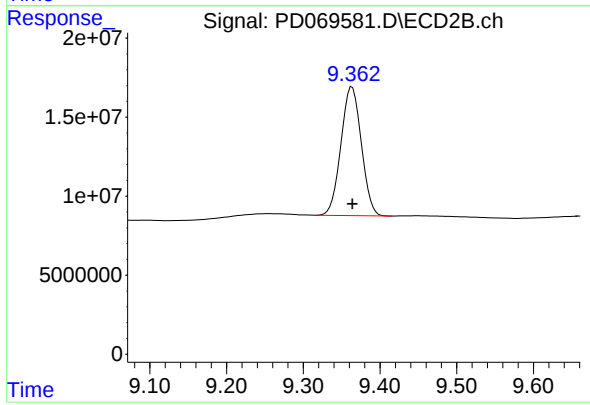
R.T.: 8.421 min  
Delta R.T.: 0.000 min  
Response: 327884502  
Conc: 50.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: -0.003 min  
Response: 26882473  
Conc: 21.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144733BS



#28 Decachlorobiphenyl

R.T.: 9.363 min  
Delta R.T.: 0.000 min  
Response: 151292359  
Conc: 23.12 ng/ml