

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082521\  
 Data File : PD065290.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Aug 2021 23:39  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICPD082521

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 25 06:14:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082521.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 25 05:44:31 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... | 3.496  | 4.013  | 51518536 | 333.2E6 | 47.784   | 48.728     |
| 28)                         | SA Decachlor... | 8.239  | 9.083  | 63669845 | 212.9E6 | 46.922   | 49.169     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.935  | 4.408  | 74115446 | 480.5E6 | 48.222   | 48.555     |
| 3)                          | MA gamma-BHC... | 4.219  | 4.694  | 69395687 | 438.6E6 | 45.693   | 48.737     |
| 4)                          | MA Heptachlor   | 4.517  | 5.198  | 67561461 | 412.0E6 | 47.422   | 48.698     |
| 5)                          | MB Aldrin       | 4.765  | 5.503  | 63600481 | 374.1E6 | 48.137   | 48.077     |
| 6)                          | B beta-BHC      | 4.466  | 4.870  | 34208574 | 200.0E6 | 51.122   | 51.944     |
| 7)                          | B delta-BHC     | 4.671  | 5.087  | 69872349 | 409.2E6 | 47.478   | 47.232     |
| 8)                          | B Heptachlo...  | 5.207  | 5.893  | 60048184 | 317.2E6 | 47.507   | 49.837     |
| 9)                          | A Endosulfan I  | 5.545  | 6.250  | 56885342 | 298.7E6 | 47.532   | 48.953     |
| 10)                         | B gamma-Chl...  | 5.431  | 6.126  | 60448381 | 323.5E6 | 47.495   | 49.170     |
| 11)                         | B alpha-Chl...  | 5.490  | 6.198  | 59891257 | 315.6E6 | 47.415   | 48.868     |
| 12)                         | B 4,4'-DDE      | 5.653  | 6.356  | 57449756 | 305.0E6 | 48.081   | 49.164     |
| 13)                         | MA Dieldrin     | 5.788  | 6.508  | 60609661 | 310.4E6 | 47.887   | 48.995     |
| 14)                         | MA Endrin       | 6.046  | 6.728  | 56662235 | 264.0E6 | 47.294   | 49.161     |
| 15)                         | B Endosulfa...  | 6.317  | 6.940  | 54112126 | 255.4E6 | 46.800   | 48.905     |
| 16)                         | A 4,4'-DDD      | 6.168  | 6.850  | 51701890 | 255.8E6 | 48.363   | 49.009     |
| 17)                         | MA 4,4'-DDT     | 6.407  | 7.148  | 55689553 | 267.5E6 | 48.083   | 49.750     |
| 18)                         | B Endrin al...  | 6.486  | 7.065  | 43794144 | 204.0E6 | 45.890   | 48.242     |
| 19)                         | B Endosulfa...  | 6.697  | 7.287  | 57543771 | 253.8E6 | 46.609   | 48.493     |
| 20)                         | A Methoxychlor  | 6.954  | 7.607  | 33984222 | 138.6E6 | 48.383   | 49.636     |
| 21)                         | B Endrin ke...  | 7.192  | 7.761  | 69630770 | 287.5E6 | 47.447   | 48.778     |
| 22)                         | Mirex           | 7.377  | 8.209  | 55357851 | 202.1E6 | 52.451   | 48.945     |
| 23)                         | Chlordane-1     | 4.393f | 0.000  | 2285920  | 0       | 58.238   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.503f | 0        | 374.1E6 | N.D.     | 1519.879 # |
| 25)                         | Chlordane-3     | 5.431  | 6.126  | 60448381 | 323.5E6 | 505.404  | 368.758 #  |
| 26)                         | Chlordane-4     | 5.490  | 6.198  | 59891257 | 315.6E6 | 600.471  | 308.881 #  |
| 27)                         | Chlordane-5     | 6.317  | 0.000  | 54112126 | 0       | 1104.561 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

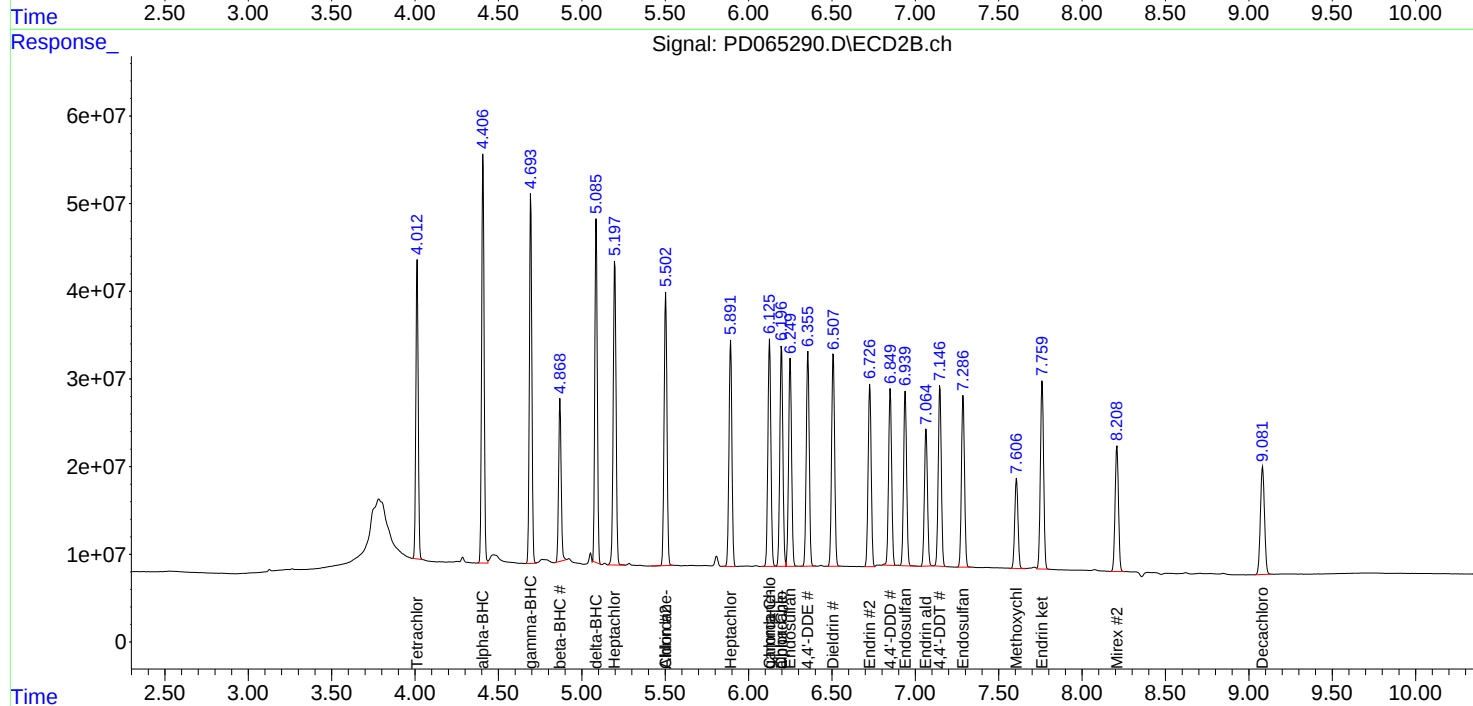
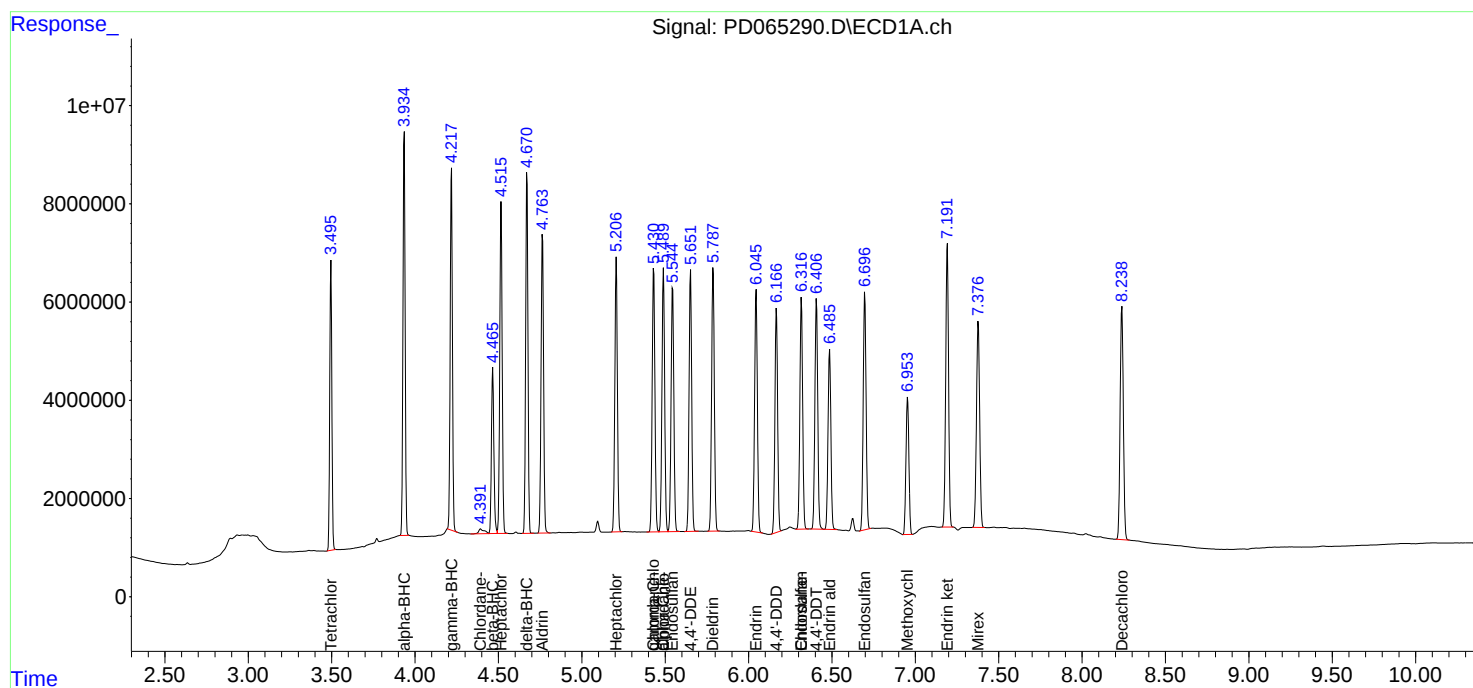
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

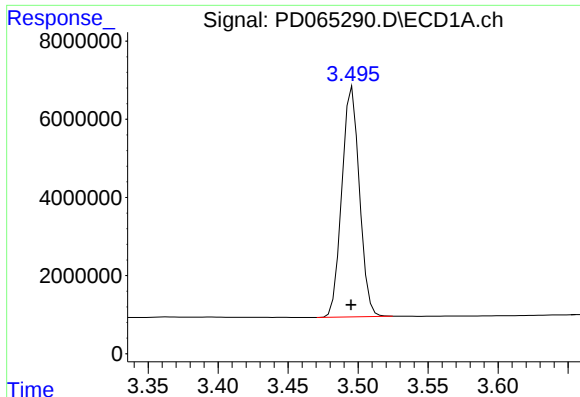
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082521\  
Data File : PD065290.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Aug 2021 23:39  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 25 06:14:32 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082521.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 25 05:44:31 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

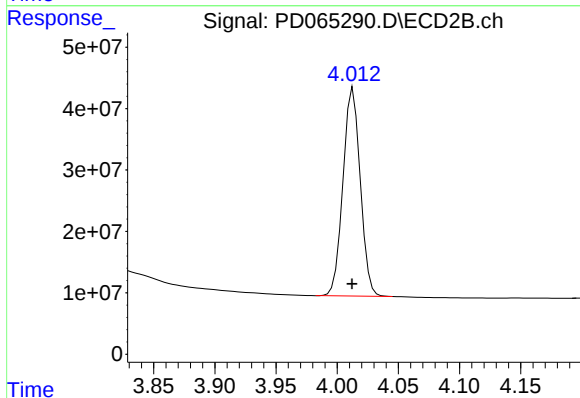




#1 Tetrachloro-m-xylene

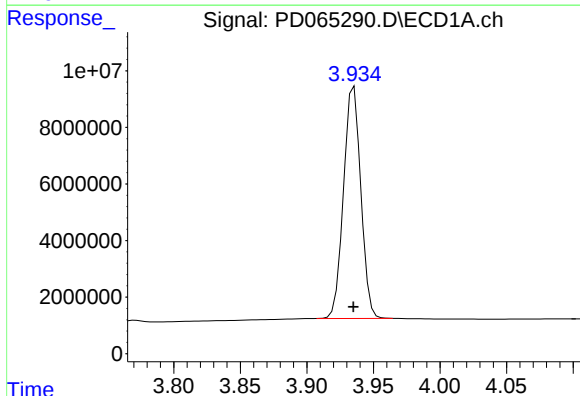
R.T.: 3.496 min  
Delta R.T.: 0.000 min  
Response: 51518536  
Conc: 47.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



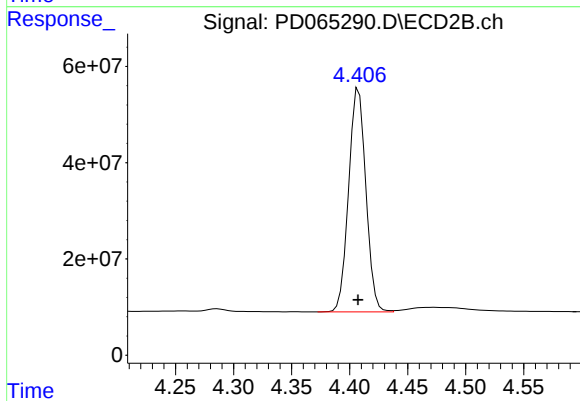
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 333174486  
Conc: 48.73 ng/ml



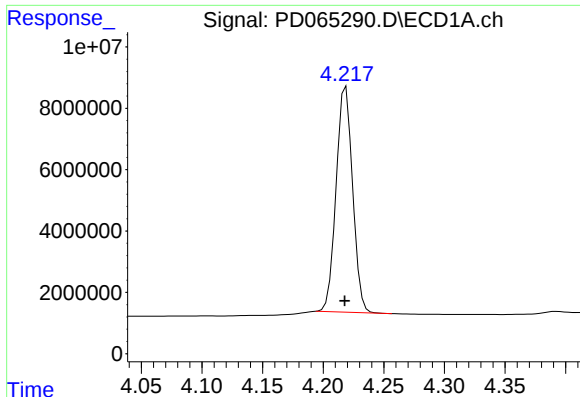
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 74115446  
Conc: 48.22 ng/ml



#2 alpha-BHC

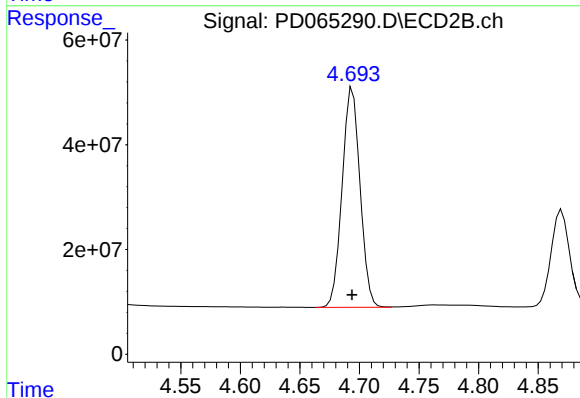
R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 480516220  
Conc: 48.56 ng/ml



#3 gamma-BHC (Lindane)

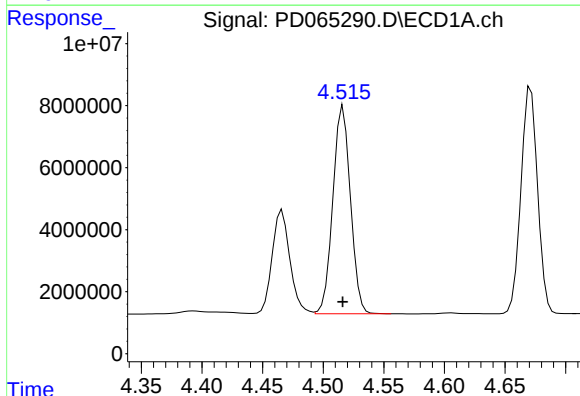
R.T.: 4.219 min  
Delta R.T.: 0.001 min  
Response: 69395687  
Conc: 45.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



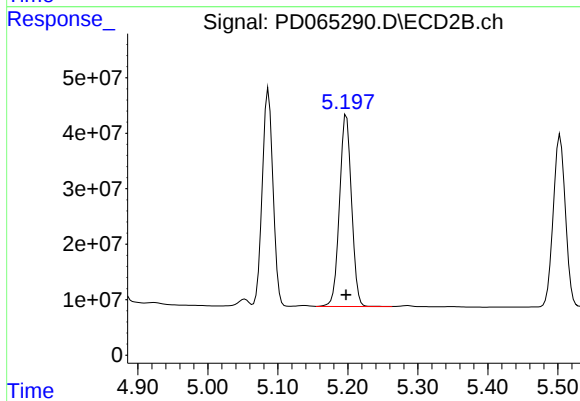
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 438638837  
Conc: 48.74 ng/ml



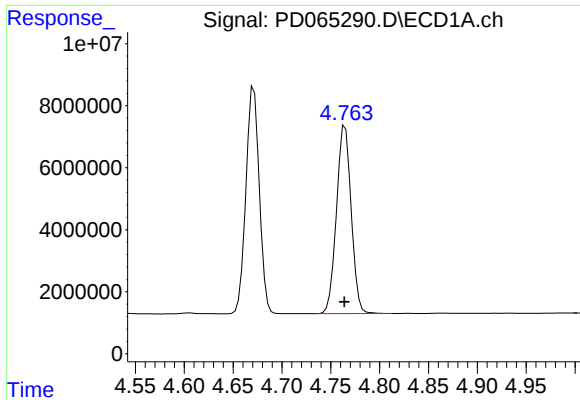
#4 Heptachlor

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 67561461  
Conc: 47.42 ng/ml



#4 Heptachlor

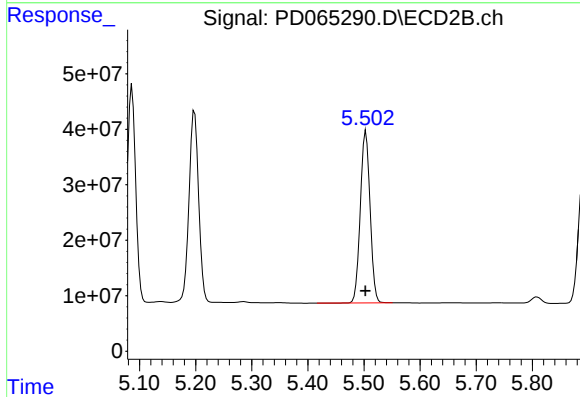
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 412048695  
Conc: 48.70 ng/ml



#5 Aldrin

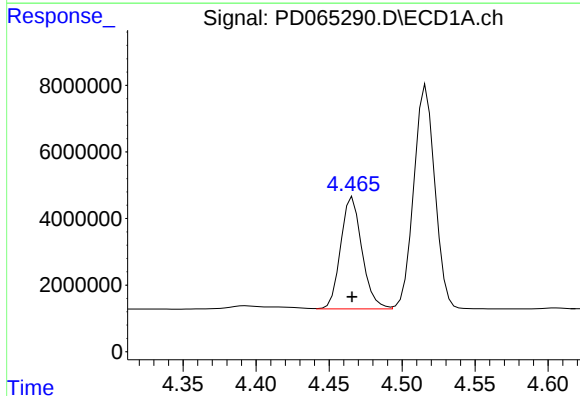
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 63600481  
Conc: 48.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



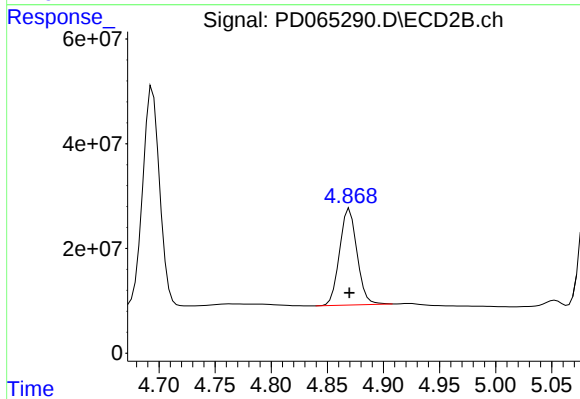
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 374124872  
Conc: 48.08 ng/ml



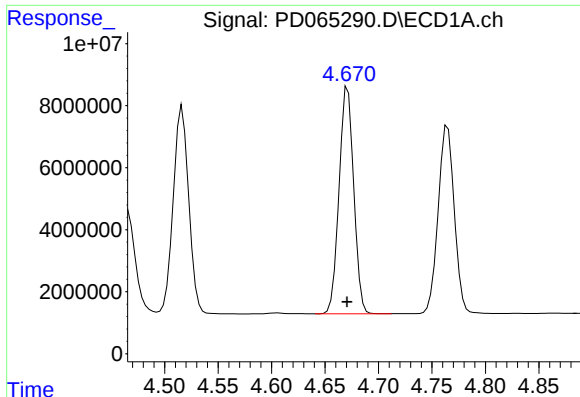
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 34208574  
Conc: 51.12 ng/ml



#6 beta-BHC

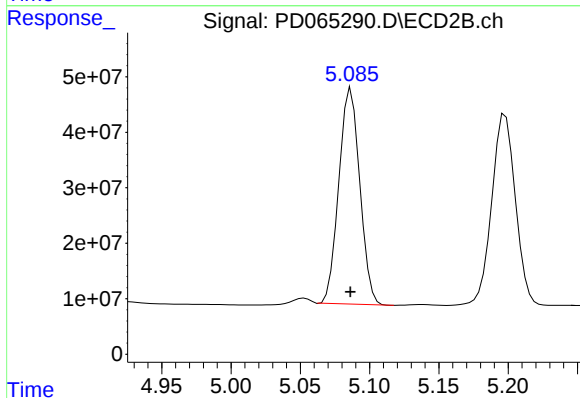
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 200003978  
Conc: 51.94 ng/ml



#7 delta-BHC

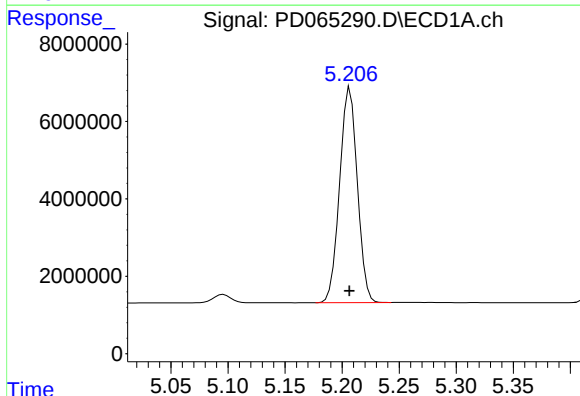
R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 69872349  
Conc: 47.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



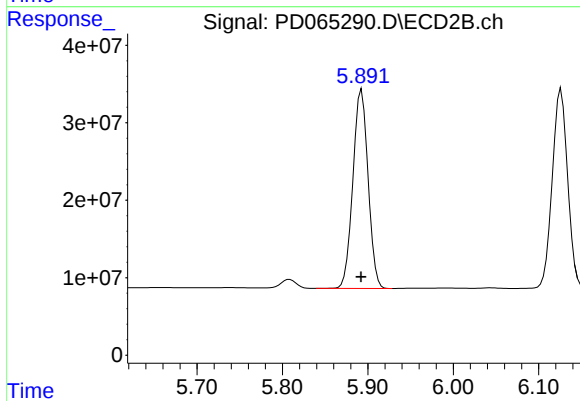
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 409175089  
Conc: 47.23 ng/ml



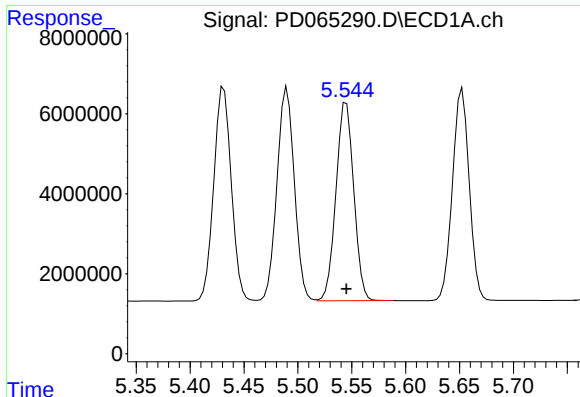
#8 Heptachlor epoxide

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 60048184  
Conc: 47.51 ng/ml



#8 Heptachlor epoxide

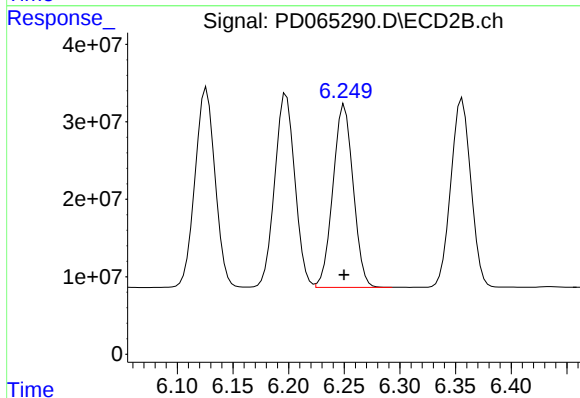
R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 317210657  
Conc: 49.84 ng/ml



#9 Endosulfan I

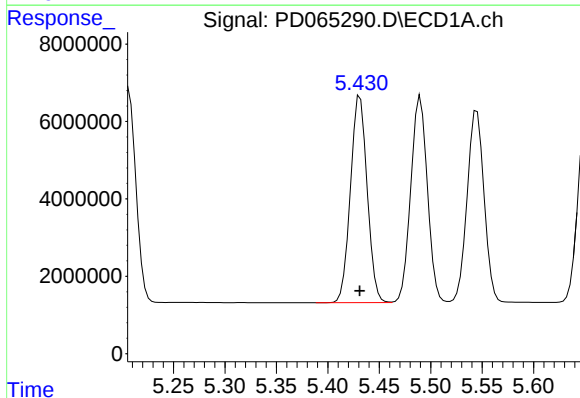
R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 56885342  
Conc: 47.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



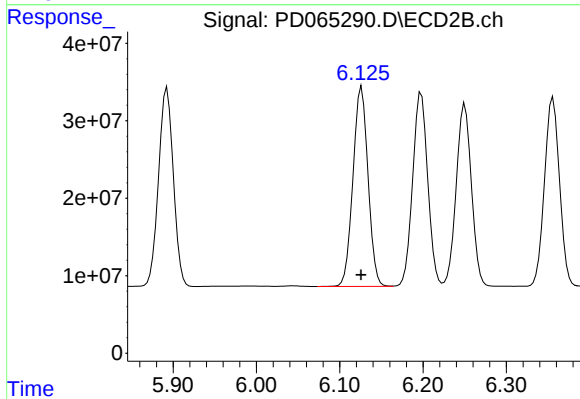
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 298713786  
Conc: 48.95 ng/ml



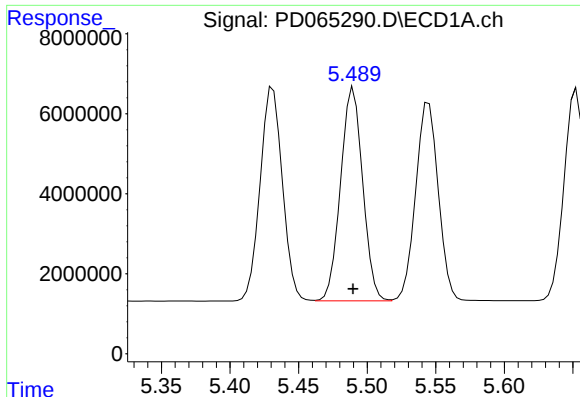
#10 gamma-Chlordane

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 60448381  
Conc: 47.49 ng/ml



#10 gamma-Chlordane

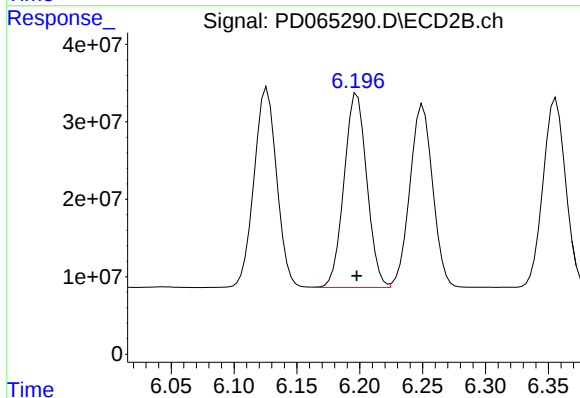
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 323526389  
Conc: 49.17 ng/ml



#11 alpha-Chlordane

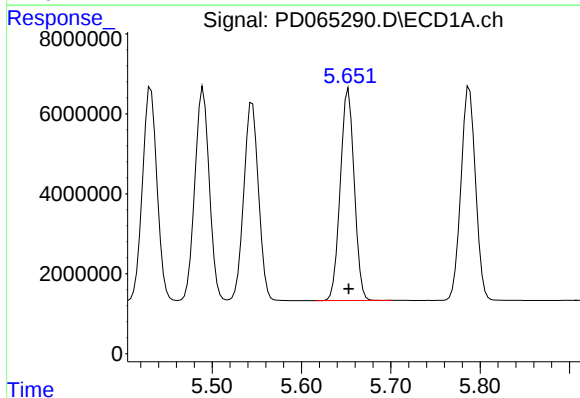
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 59891257  
Conc: 47.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



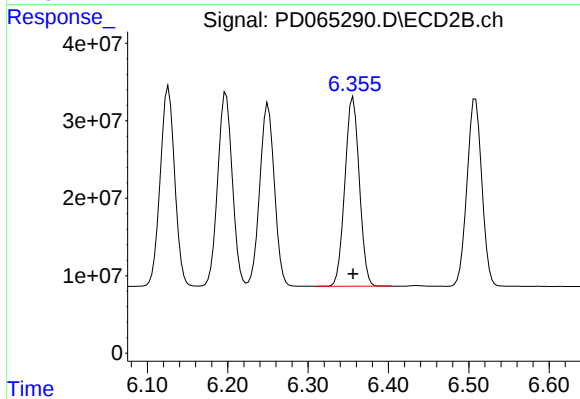
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 315576167  
Conc: 48.87 ng/ml



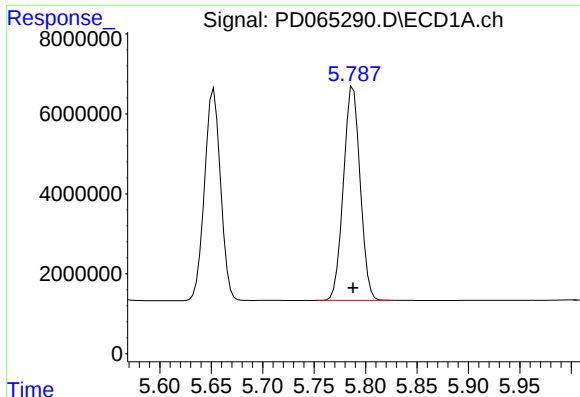
#12 4,4'-DDE

R.T.: 5.653 min  
Delta R.T.: 0.000 min  
Response: 57449756  
Conc: 48.08 ng/ml



#12 4,4'-DDE

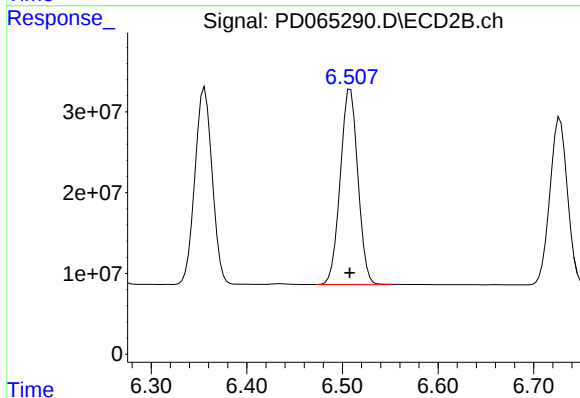
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 305004632  
Conc: 49.16 ng/ml



#13 Dieldrin

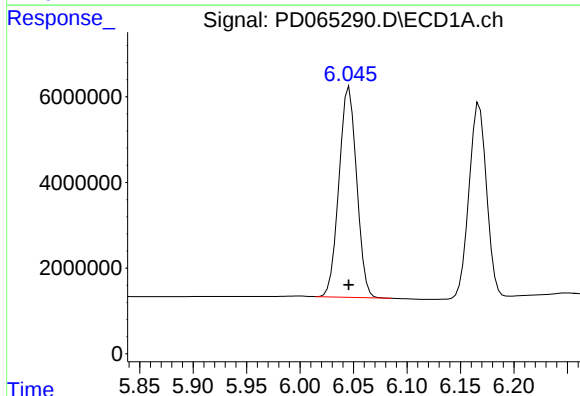
R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 60609661  
Conc: 47.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



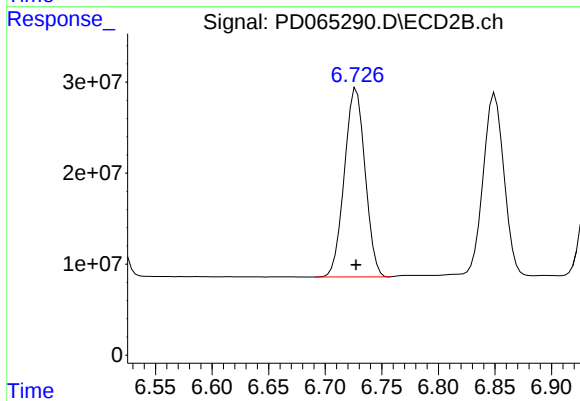
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 310404994  
Conc: 48.99 ng/ml



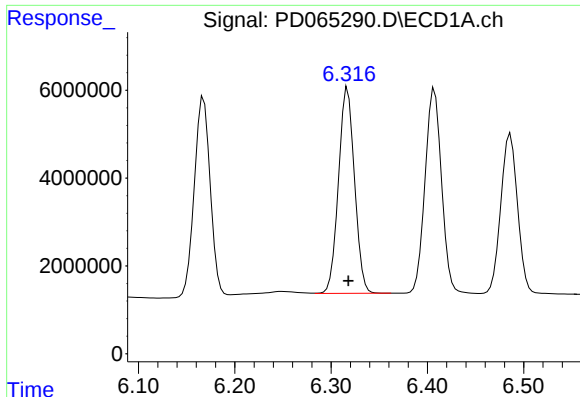
#14 Endrin

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 56662235  
Conc: 47.29 ng/ml



#14 Endrin

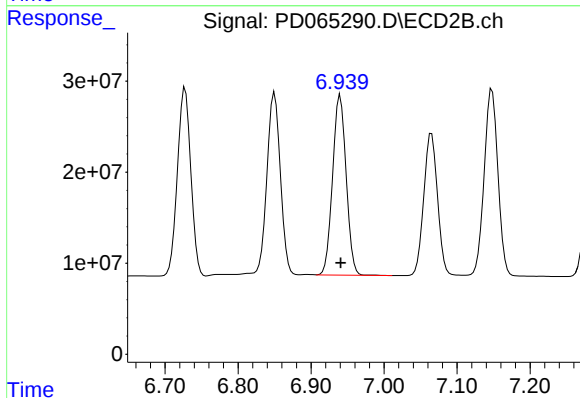
R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 264034983  
Conc: 49.16 ng/ml



#15 Endosulfan II

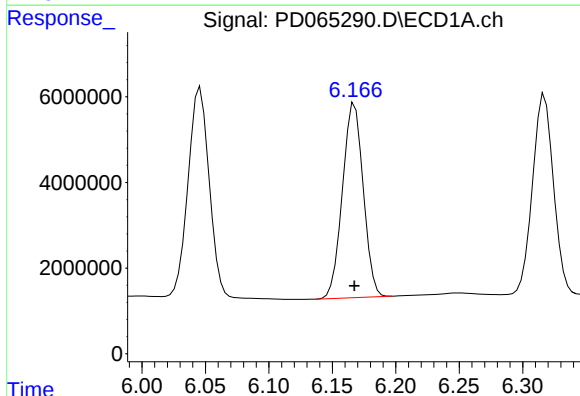
R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 54112126  
Conc: 46.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



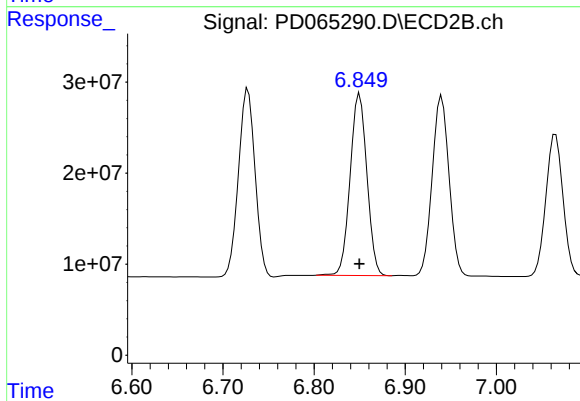
#15 Endosulfan II

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 255411745  
Conc: 48.90 ng/ml



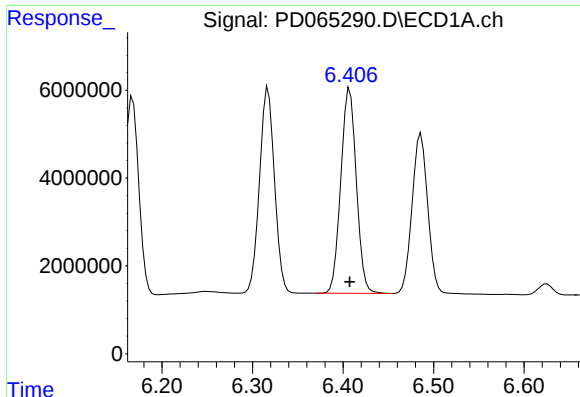
#16 4,4'-DDD

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 51701890  
Conc: 48.36 ng/ml



#16 4,4'-DDD

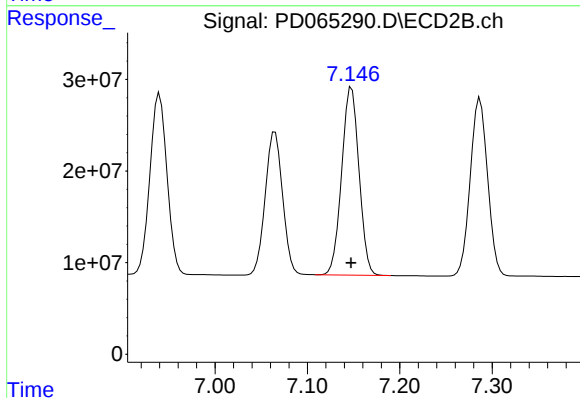
R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 255779473  
Conc: 49.01 ng/ml



#17 4,4'-DDT

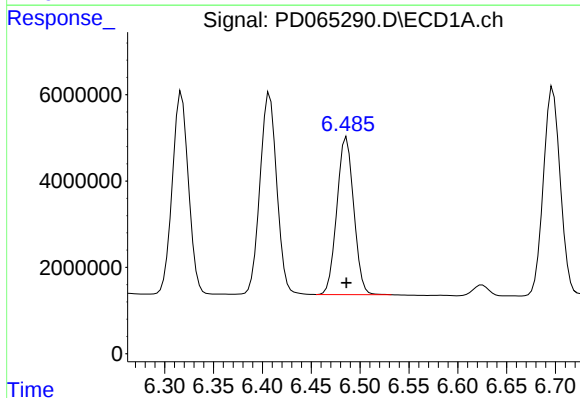
R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 55689553  
Conc: 48.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



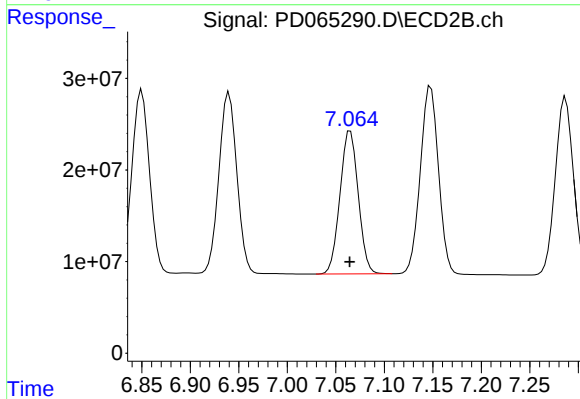
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 267498879  
Conc: 49.75 ng/ml



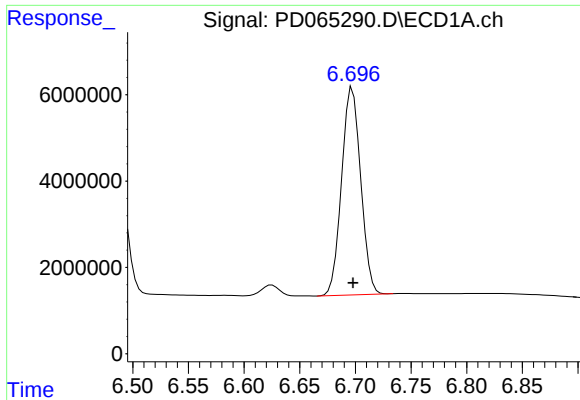
#18 Endrin aldehyde

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 43794144  
Conc: 45.89 ng/ml



#18 Endrin aldehyde

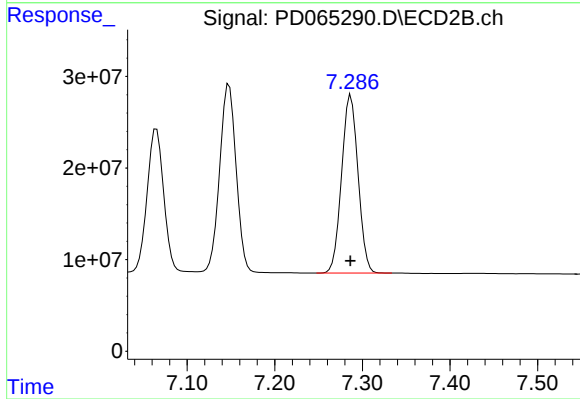
R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 204001906  
Conc: 48.24 ng/ml



#19 Endosulfan Sulfate

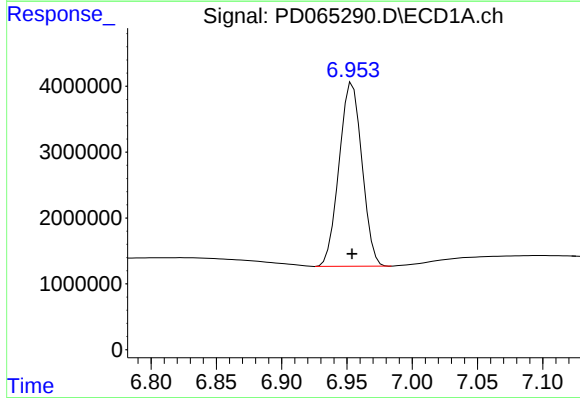
R.T.: 6.697 min  
Delta R.T.: 0.000 min  
Response: 57543771  
Conc: 46.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



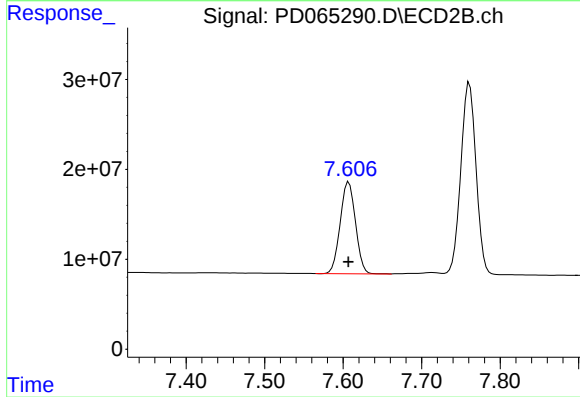
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.000 min  
Response: 253832857  
Conc: 48.49 ng/ml



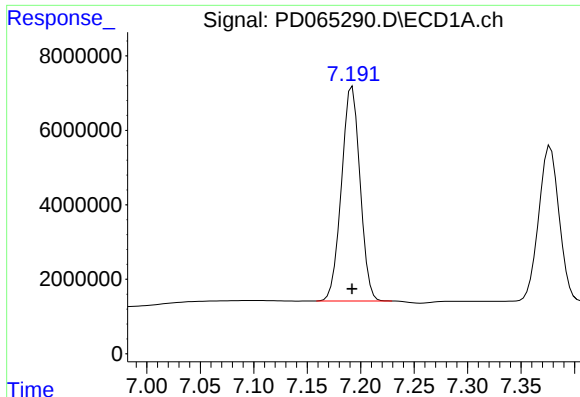
#20 Methoxychlor

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 33984222  
Conc: 48.38 ng/ml



#20 Methoxychlor

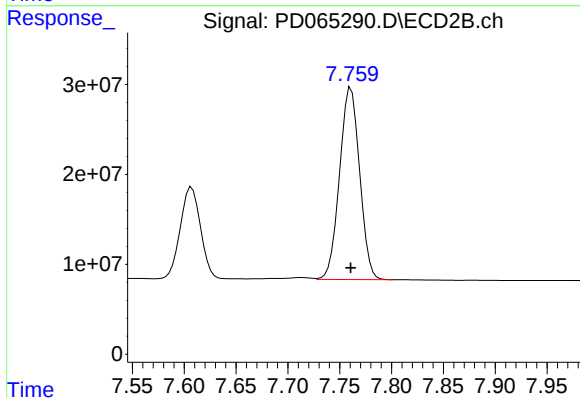
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 138645683  
Conc: 49.64 ng/ml



#21 Endrin ketone

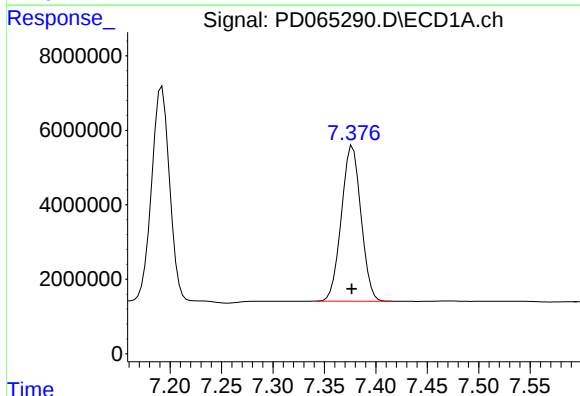
R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 69630770  
Conc: 47.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



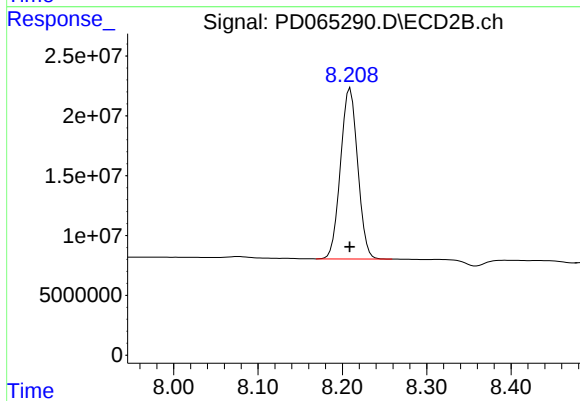
#21 Endrin ketone

R.T.: 7.761 min  
Delta R.T.: 0.000 min  
Response: 287534546  
Conc: 48.78 ng/ml



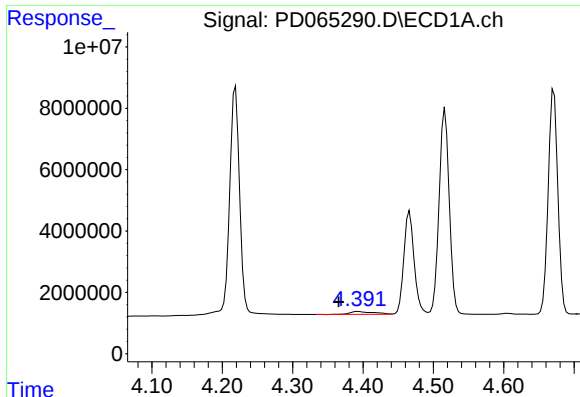
#22 Mirex

R.T.: 7.377 min  
Delta R.T.: 0.000 min  
Response: 55357851  
Conc: 52.45 ng/ml



#22 Mirex

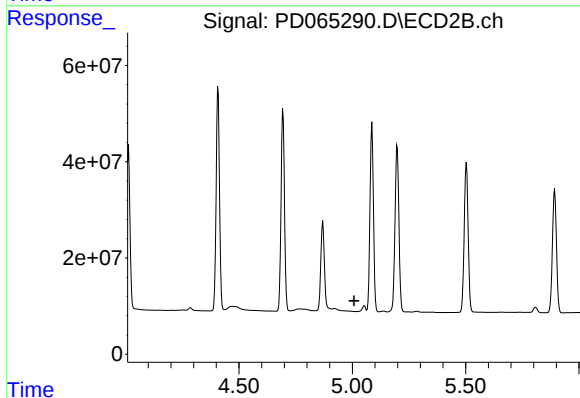
R.T.: 8.209 min  
Delta R.T.: 0.000 min  
Response: 202113874  
Conc: 48.94 ng/ml



#23 Chlordane-1

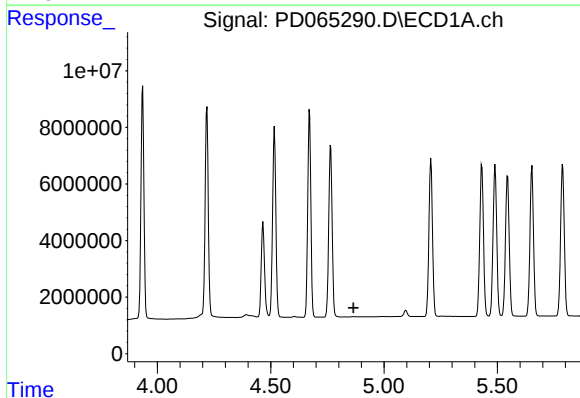
R.T.: 4.393 min  
Delta R.T.: 0.028 min  
Response: 2285920  
Conc: 58.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



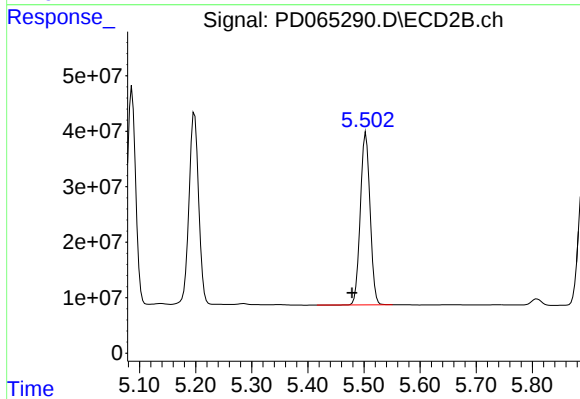
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.009 min  
Response: 0  
Conc: N.D.



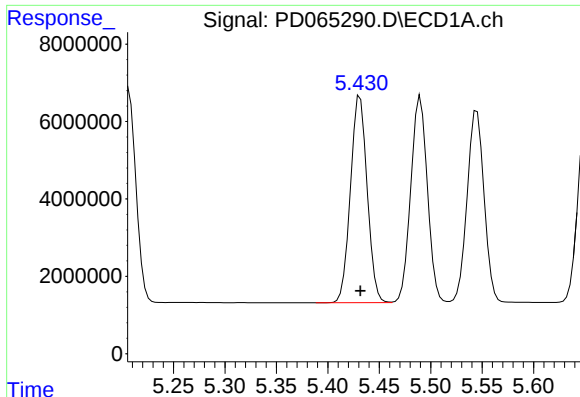
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.865 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

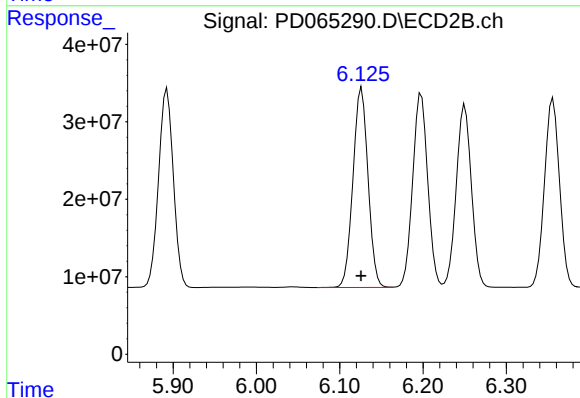
R.T.: 5.503 min  
Delta R.T.: 0.025 min  
Response: 374124872  
Conc: 1519.88 ng/ml



#25 Chlordane-3

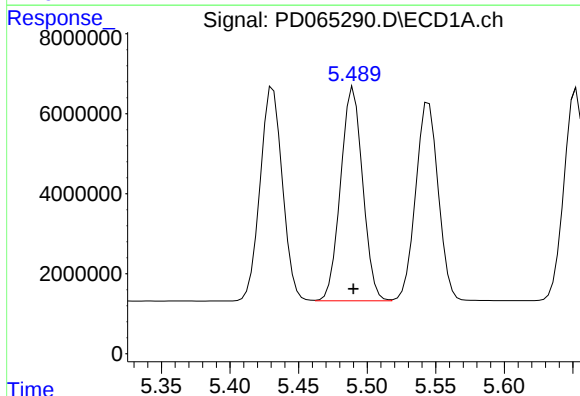
R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 60448381  
Conc: 505.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



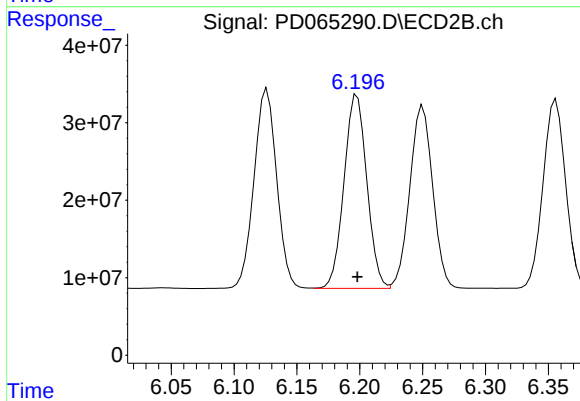
#25 Chlordane-3

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 323526389  
Conc: 368.76 ng/ml



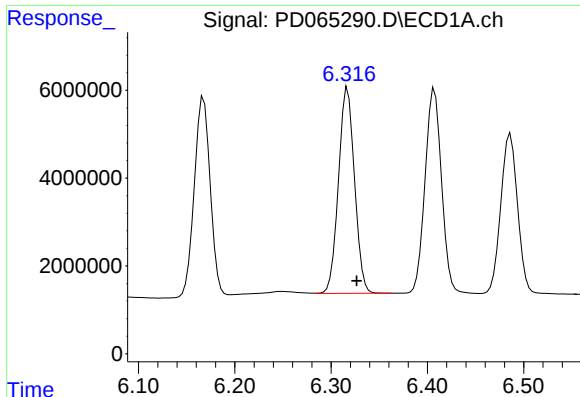
#26 Chlordane-4

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 59891257  
Conc: 600.47 ng/ml



#26 Chlordane-4

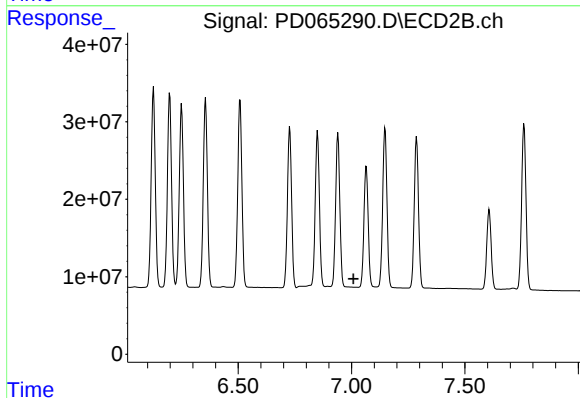
R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 315576167  
Conc: 308.88 ng/ml



#27 Chlordane-5

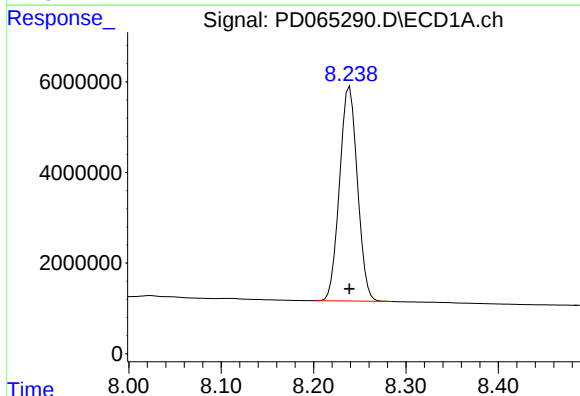
R.T.: 6.317 min  
Delta R.T.: -0.009 min  
Response: 54112126  
Conc: 1104.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD082521



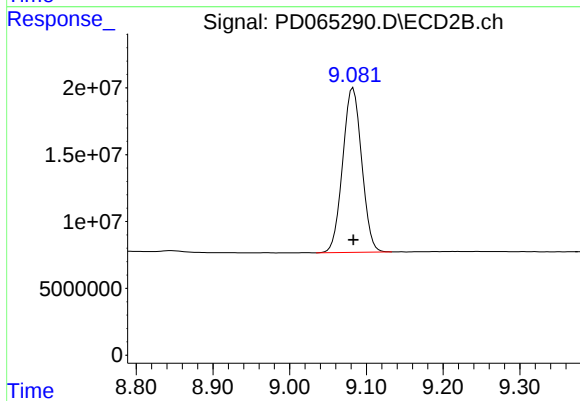
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.009 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.239 min  
Delta R.T.: 0.000 min  
Response: 63669845  
Conc: 46.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 212934526  
Conc: 49.17 ng/ml