

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\  
 Data File : PD049328.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Sep 2018 13:24  
 Operator : AJ\SJ  
 Sample : INDA324  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 22 04:14:30 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091918CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 20 04:32:05 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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... | 3.313  | 3.907  | 24378649 | 365.5E6  | 19.031   | 18.730     |
| 27)                         | SA Decachlor... | 7.974  | 8.893  | 57016800 | 528.7E6  | 36.221   | 36.250     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.739  | 4.284  | 41959805 | 571.8E6  | 20.623   | 18.685     |
| 3)                          | MA gamma-BHC... | 4.014  | 4.563  | 55361199 | 528.6E6  | 28.524   | 18.501 #   |
| 4)                          | MA Heptachlor   | 4.298  | 5.071  | 36105039 | 488.5E6  | 18.638   | 18.904     |
| 6)                          | B beta-BHC      | 4.298f | 0.000  | 36105039 | 0        | 45.980   | N.D. #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.743  | 0        | 27081203 | N.D.     | 1.128      |
| 9)                          | A Endosulfan I  | 5.301  | 6.102  | 68776590 | 416.9E6  | 41.016   | 18.279 #   |
| 11)                         | B cis-Chlor...  | 5.301f | 6.102f | 68776590 | 416.9E6  | 41.356   | 17.959 #   |
| 12)                         | B 4,4'-DDE      | 5.441  | 0.000  | 19206353 | 0        | 10.549   | N.D. #     |
| 13)                         | MA Dieldrin     | 5.540  | 6.355  | 83729644 | 883.7E6  | 43.819   | 37.435     |
| 14)                         | MA Endrin       | 5.793  | 6.569  | 76868938 | 786.1E6  | 45.215   | 41.179     |
| 15)                         | B Endosulfa...  | 6.025f | 0.000  | 5591632  | 0        | 3.358    | N.D. #     |
| 16)                         | A 4,4'-DDD      | 5.926  | 6.691  | 64911323 | 508.5E6  | 41.711   | 36.670     |
| 17)                         | MA 4,4'-DDT     | 6.161  | 6.989  | 57358817 | 551.1E6  | 35.411   | 38.186     |
| 18)                         | B Endrin al...  | 6.235  | 0.000  | 3693225  | 0        | 2.716    | N.D. #     |
| 19)                         | B Endosulfa...  | 6.489f | 0.000  | 13610612 | 0        | 8.840    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.709  | 7.442  | 162.2E6  | 1060.6E6 | 188.577  | 184.661    |
| 21)                         | B Endrin ke...  | 6.926  | 0.000  | 3743020  | 0        | 2.087    | N.D. #     |
| 22)                         | Toxaphene-1     | 5.540  | 0.000  | 83729644 | 0        | 8216.144 | N.D. #     |
| 23)                         | Toxaphene-2     | 5.640  | 6.569  | 14481485 | 786.1E6  | 1287.200 | 5170.810 # |
| 24)                         | Toxaphene-3     | 6.161  | 0.000  | 57358817 | 0        | 1950.947 | N.D. #     |
| 26)                         | Toxaphene-5     | 6.846  | 0.000  | 6191586  | 0        | 161.389  | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

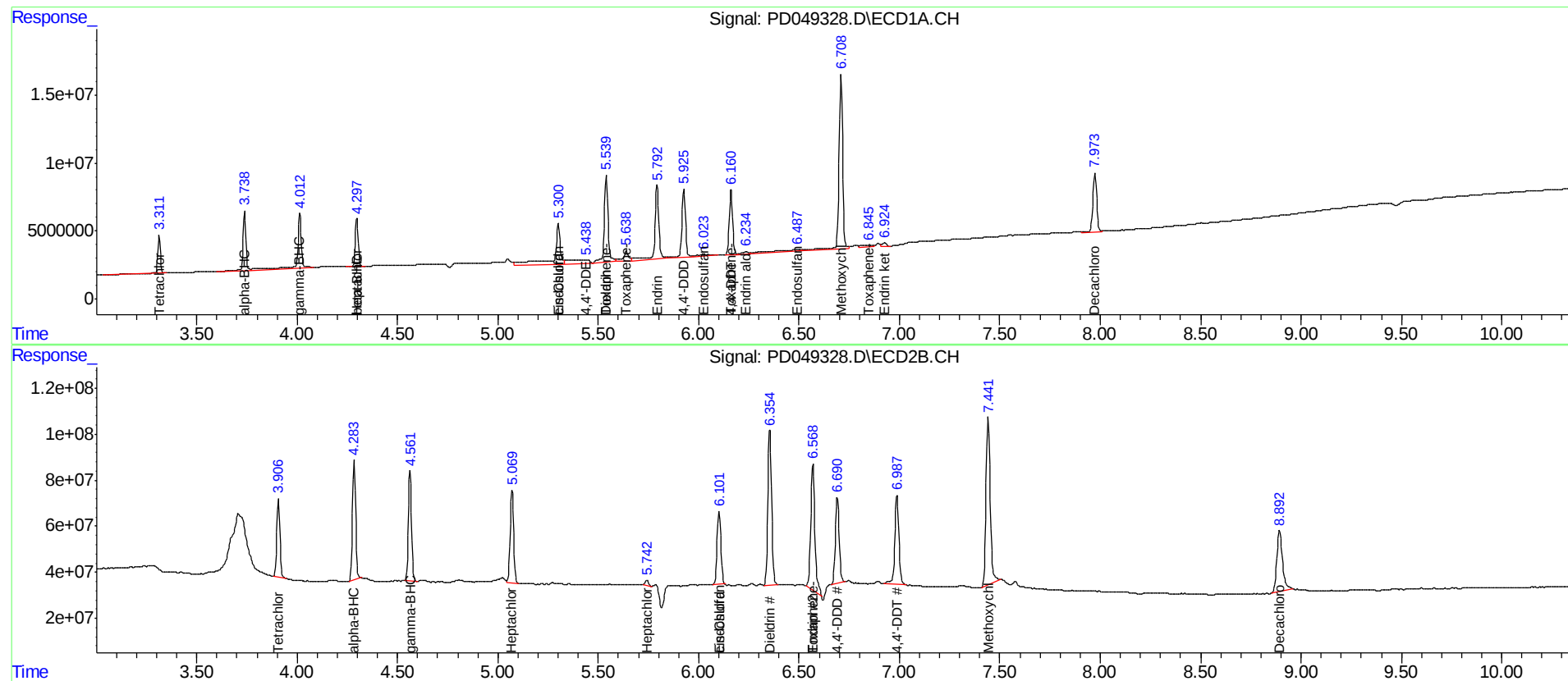
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

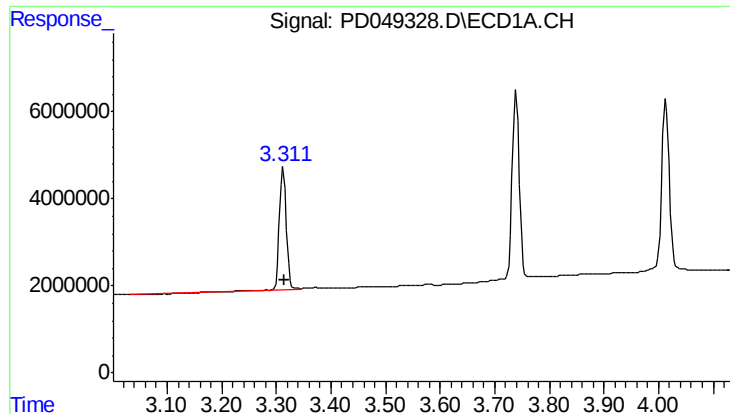
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\  
Data File : PD049328.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Sep 2018 13:24  
Operator : AJ\SJ  
Sample : INDA324  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 22 04:14:30 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091918CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 20 04:32:05 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 1 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

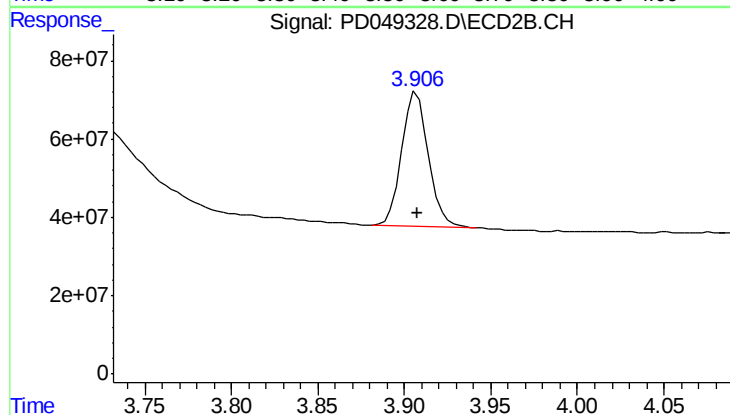




#1 Tetrachloro-m-xylene

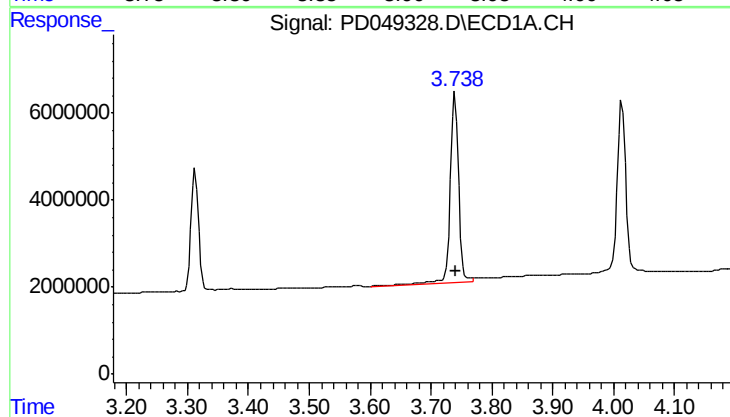
R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 24378649  
Conc: 19.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



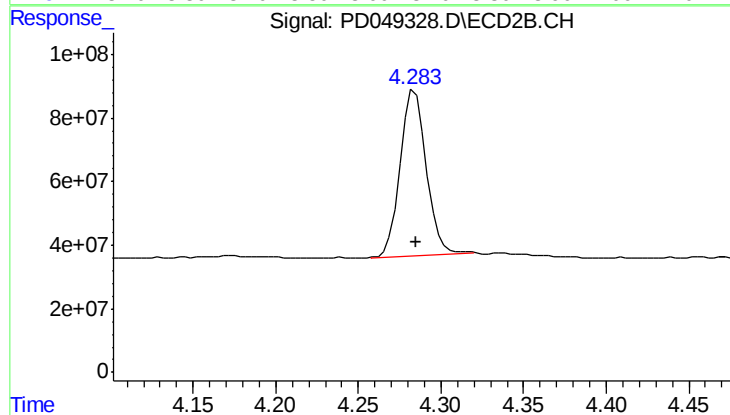
#1 Tetrachloro-m-xylene

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 365528738  
Conc: 18.73 ng/ml



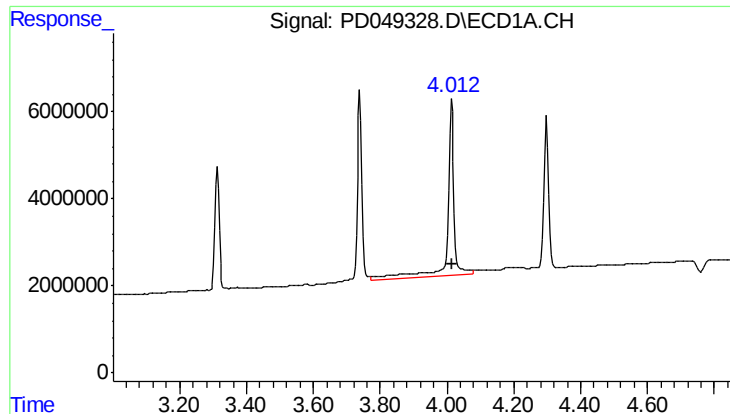
#2 alpha-BHC

R.T.: 3.739 min  
Delta R.T.: -0.001 min  
Response: 41959805  
Conc: 20.62 ng/ml



#2 alpha-BHC

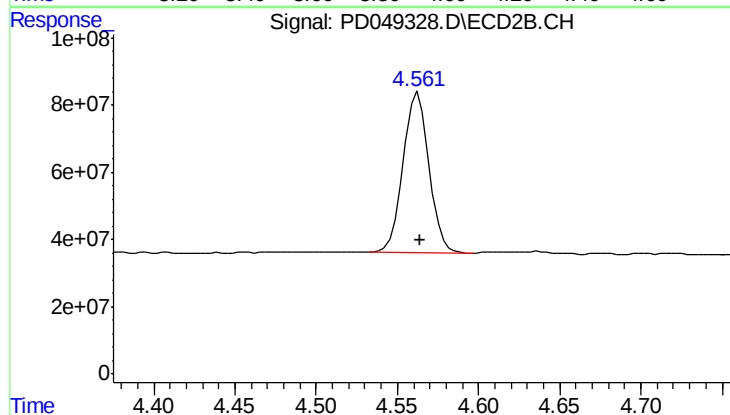
R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 571778064  
Conc: 18.69 ng/ml



#3 gamma-BHC (Lindane)

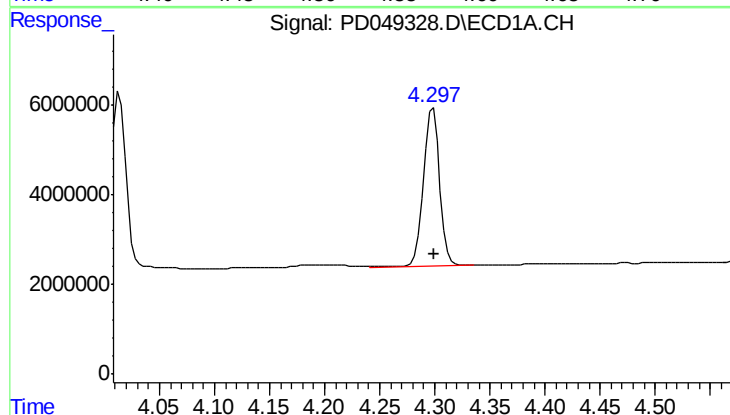
R.T.: 4.014 min  
Delta R.T.: -0.001 min  
Response: 55361199  
Conc: 28.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



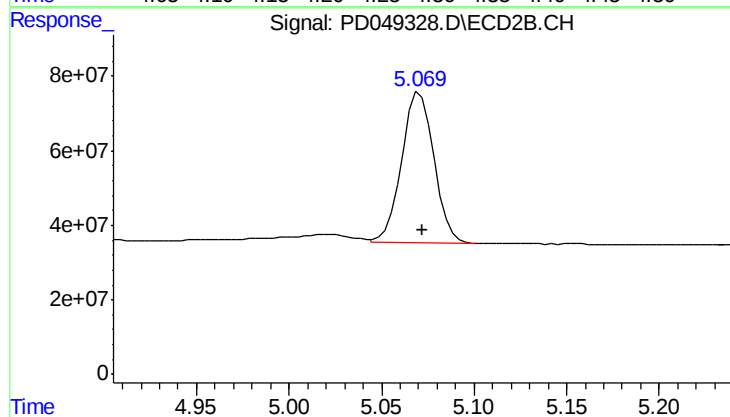
#3 gamma-BHC (Lindane)

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 528582609  
Conc: 18.50 ng/ml



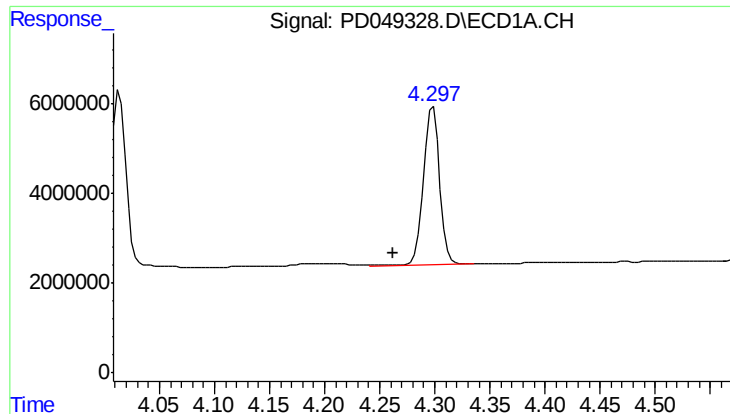
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: -0.002 min  
Response: 36105039  
Conc: 18.64 ng/ml



#4 Heptachlor

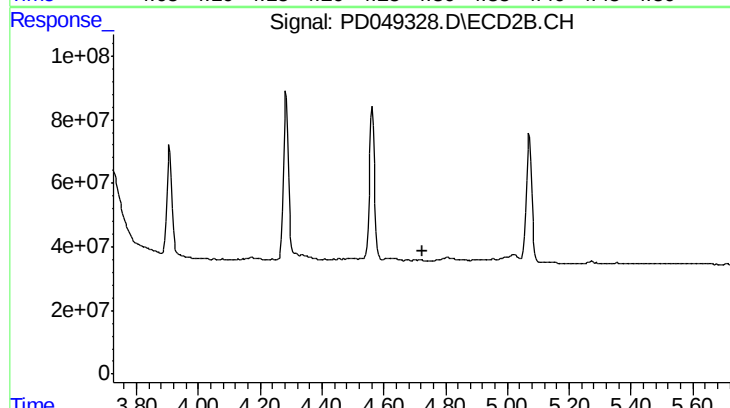
R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 488513694  
Conc: 18.90 ng/ml



#6 beta-BHC

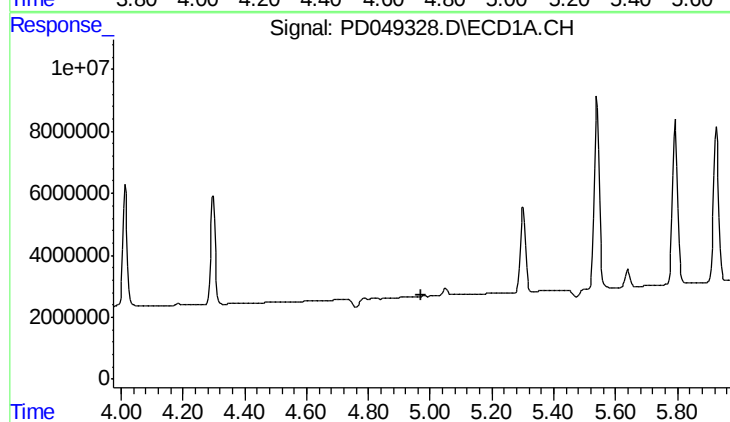
R.T.: 4.298 min  
Delta R.T.: 0.037 min  
Response: 36105039  
Conc: 45.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



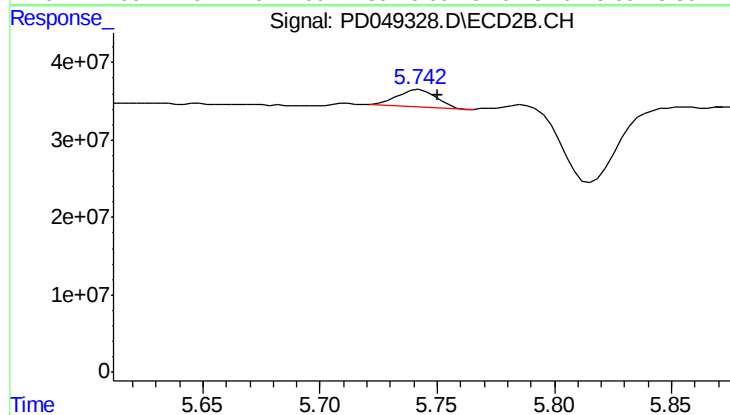
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.724 min  
Response: 0  
Conc: N.D.



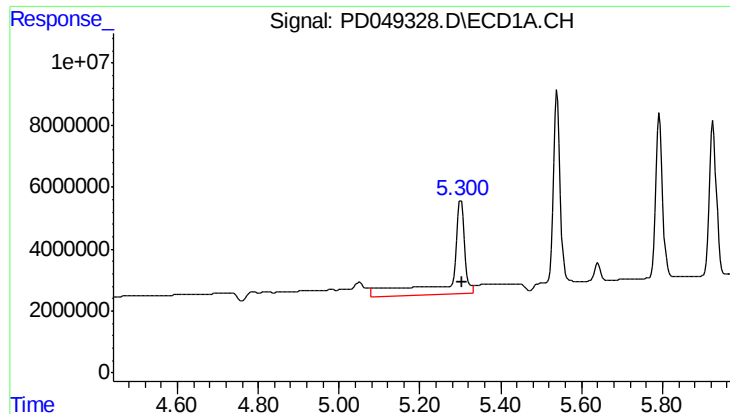
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.973 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

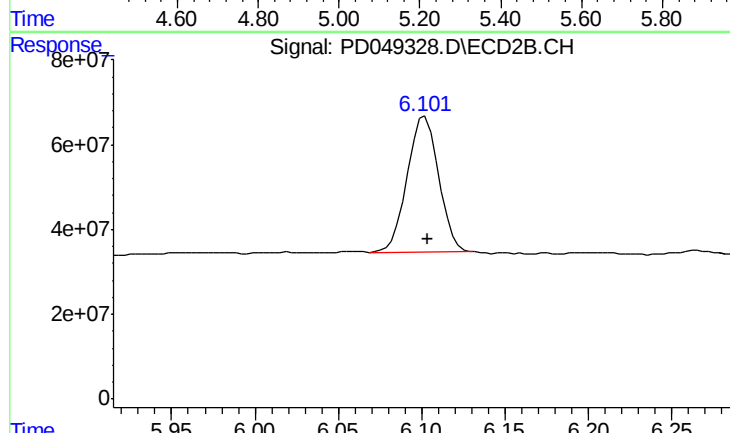
R.T.: 5.743 min  
Delta R.T.: -0.008 min  
Response: 27081203  
Conc: 1.13 ng/ml



#9 Endosulfan I

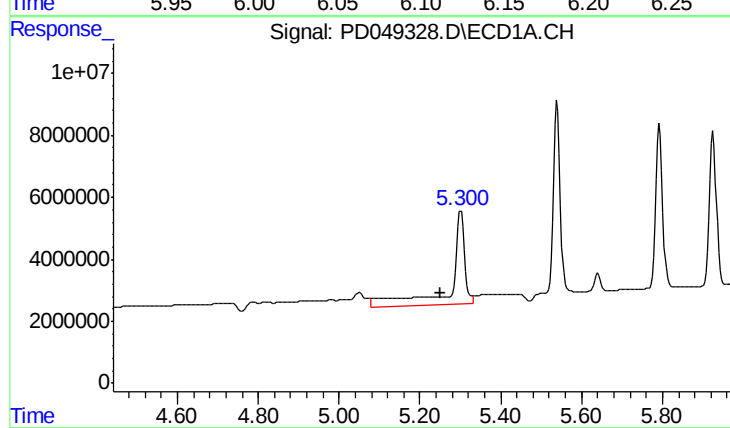
R.T.: 5.301 min  
Delta R.T.: -0.002 min  
Response: 68776590  
Conc: 41.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



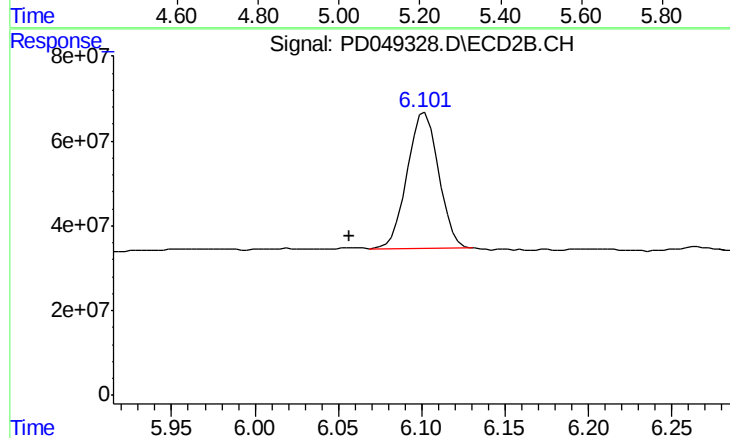
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: -0.002 min  
Response: 416922428  
Conc: 18.28 ng/ml



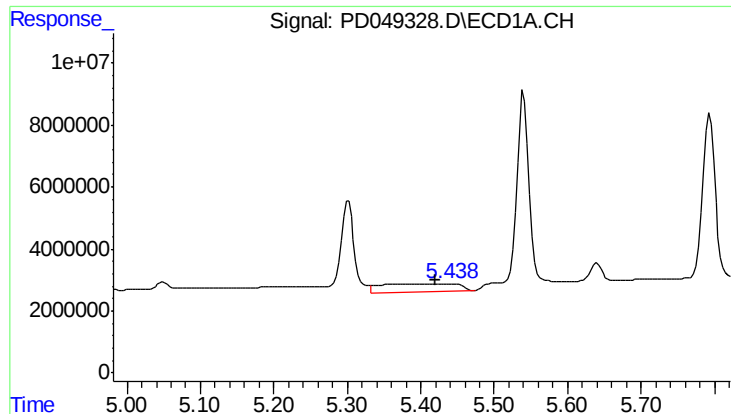
#11 cis-Chlordane

R.T.: 5.301 min  
Delta R.T.: 0.050 min  
Response: 68776590  
Conc: 41.36 ng/ml



#11 cis-Chlordane

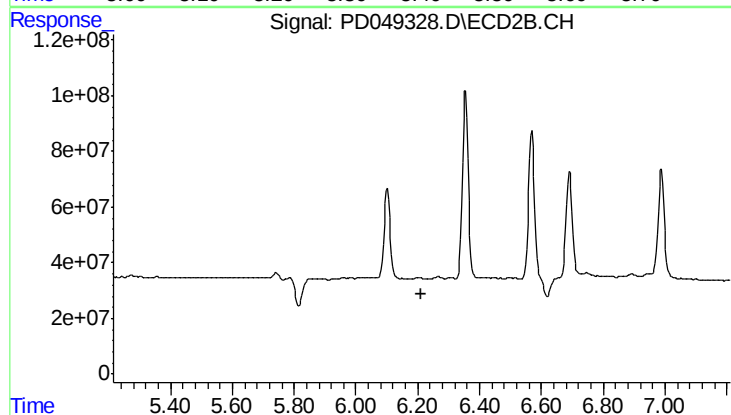
R.T.: 6.102 min  
Delta R.T.: 0.045 min  
Response: 416922428  
Conc: 17.96 ng/ml



#12 4,4'-DDE

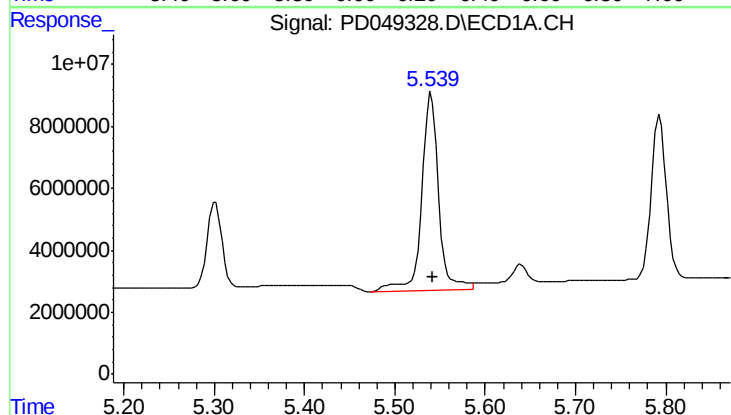
R.T.: 5.441 min  
Delta R.T.: 0.022 min  
Response: 19206353  
Conc: 10.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



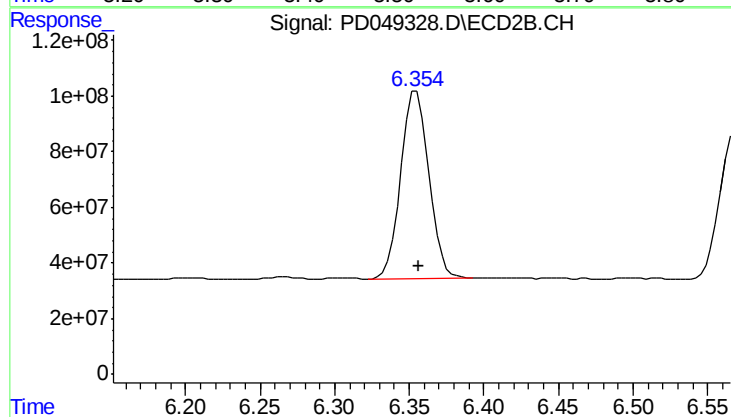
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.212 min  
Response: 0  
Conc: N.D.



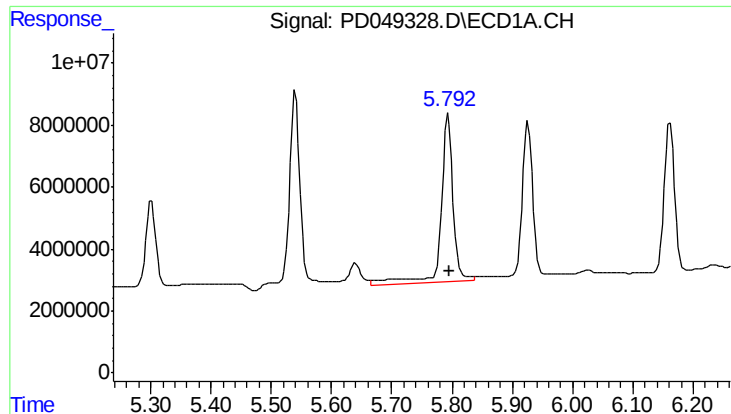
#13 Dieldrin

R.T.: 5.540 min  
Delta R.T.: -0.002 min  
Response: 83729644  
Conc: 43.82 ng/ml



#13 Dieldrin

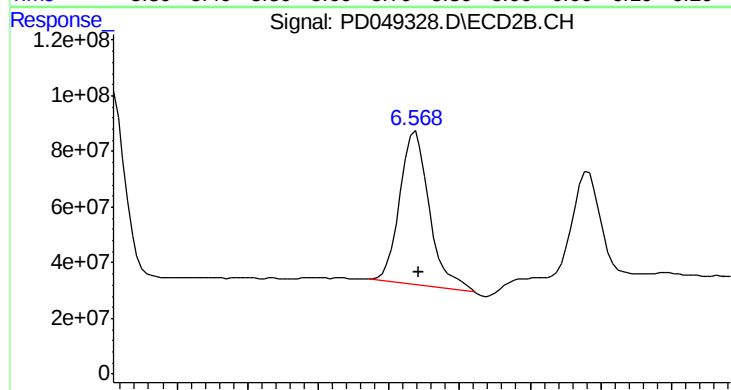
R.T.: 6.355 min  
Delta R.T.: -0.002 min  
Response: 883669981  
Conc: 37.43 ng/ml



#14 Endrin

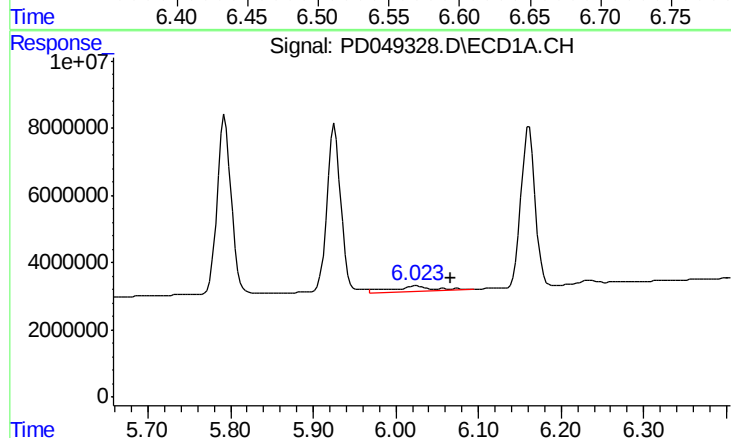
R.T.: 5.793 min  
Delta R.T.: -0.002 min  
Response: 76868938  
Conc: 45.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



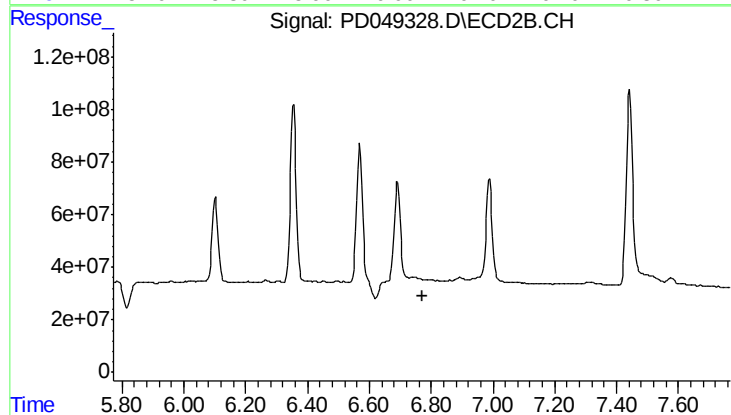
#14 Endrin

R.T.: 6.569 min  
Delta R.T.: -0.002 min  
Response: 786056093  
Conc: 41.18 ng/ml



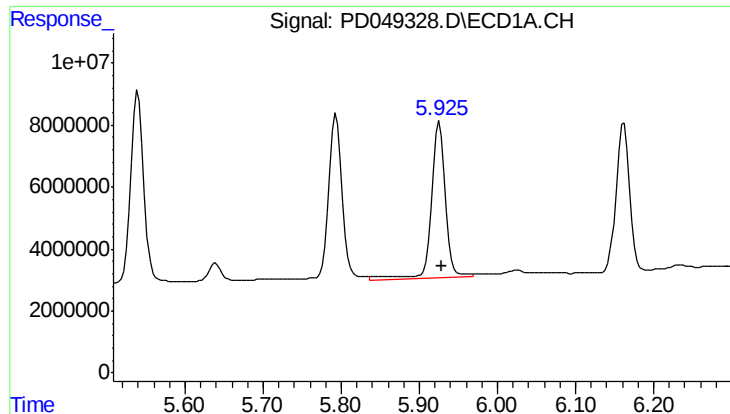
#15 Endosulfan II

R.T.: 6.025 min  
Delta R.T.: -0.042 min  
Response: 5591632  
Conc: 3.36 ng/ml



#15 Endosulfan II

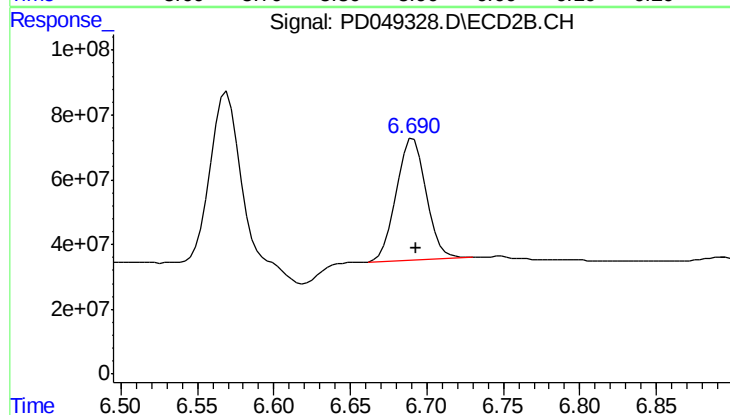
R.T.: 0.000 min  
Exp R.T.: 6.771 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

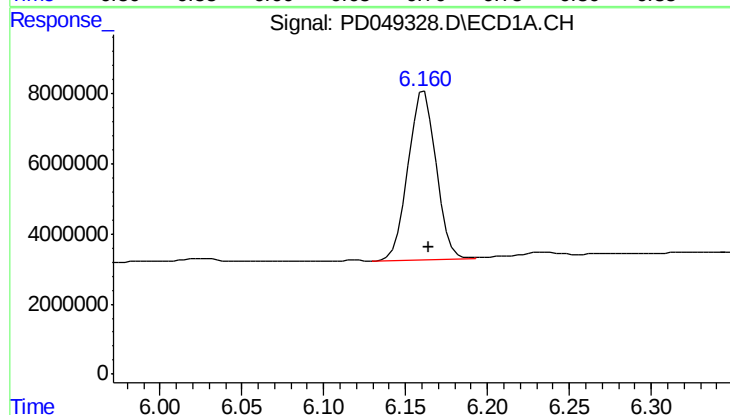
R.T.: 5.926 min  
Delta R.T.: -0.003 min  
Response: 64911323  
Conc: 41.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



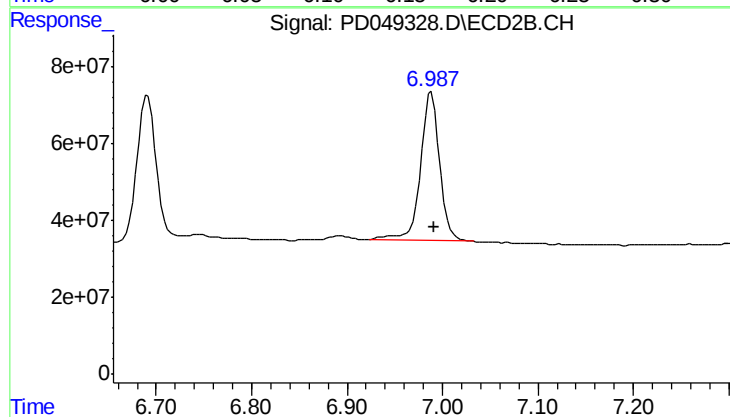
#16 4,4'-DDD

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 508548888  
Conc: 36.67 ng/ml



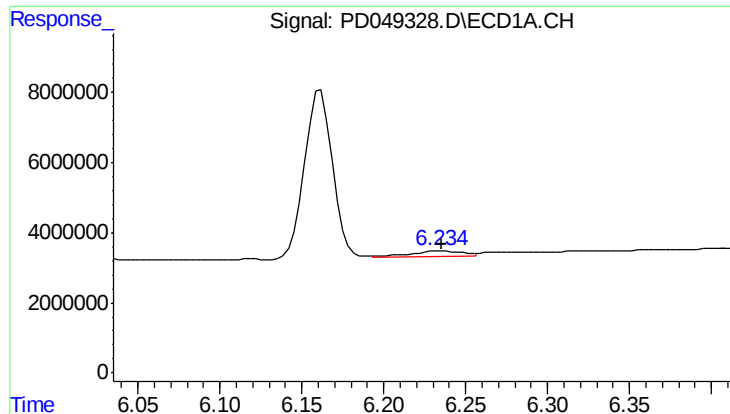
#17 4,4'-DDT

R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 57358817  
Conc: 35.41 ng/ml



#17 4,4'-DDT

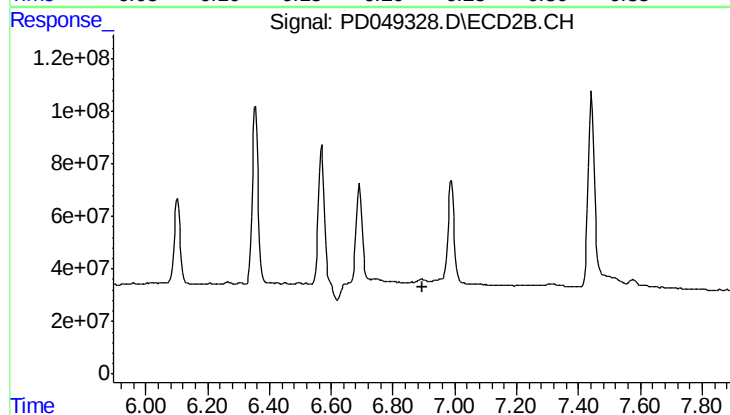
R.T.: 6.989 min  
Delta R.T.: -0.002 min  
Response: 551052864  
Conc: 38.19 ng/ml



#18 Endrin aldehyde

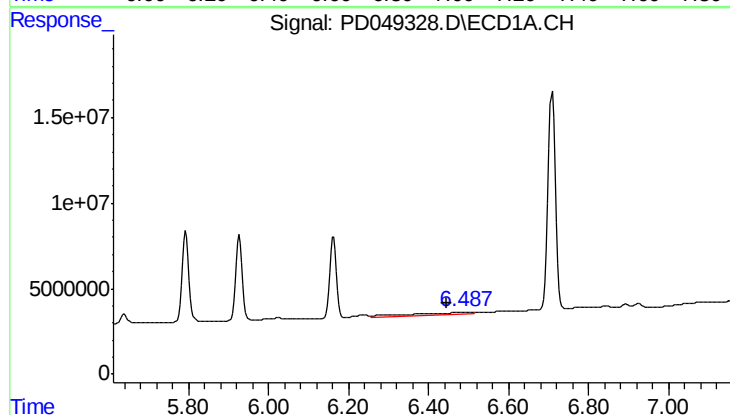
R.T.: 6.235 min  
Delta R.T.: 0.000 min  
Response: 3693225  
Conc: 2.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



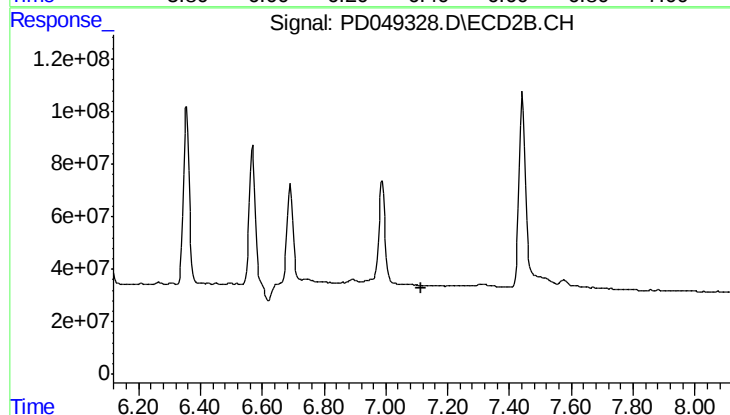
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.895 min  
Response: 0  
Conc: N.D.



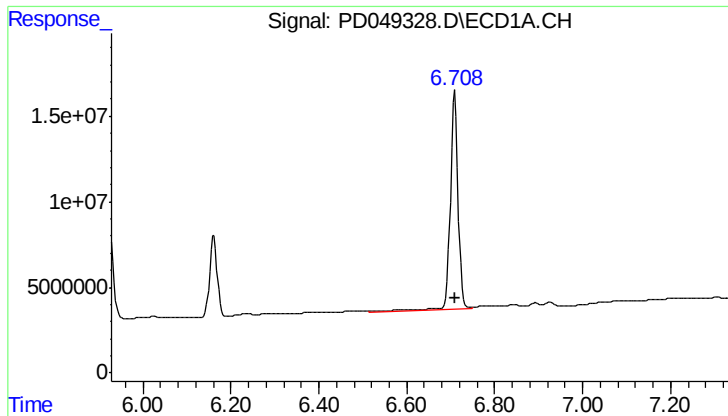
#19 Endosulfan Sulfate

R.T.: 6.489 min  
Delta R.T.: 0.044 min  
Response: 13610612  
Conc: 8.84 ng/ml



#19 Endosulfan Sulfate

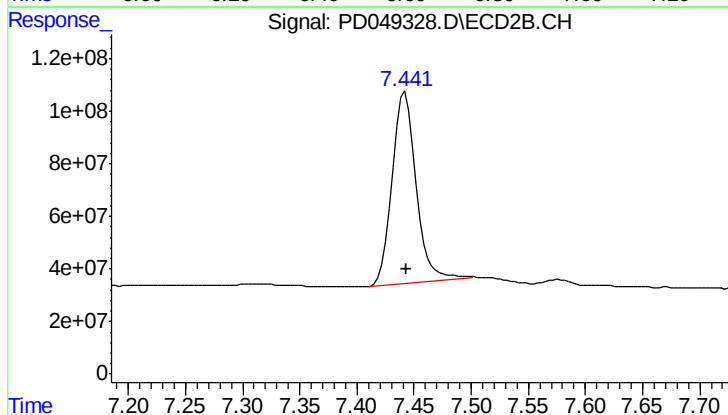
R.T.: 0.000 min  
Exp R.T.: 7.116 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

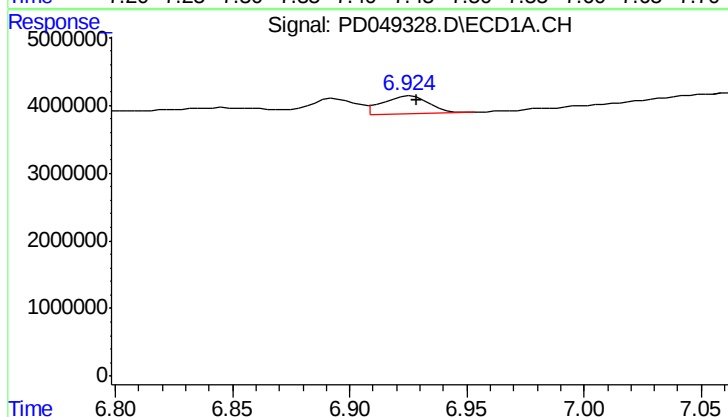
R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 162168488  
Conc: 188.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



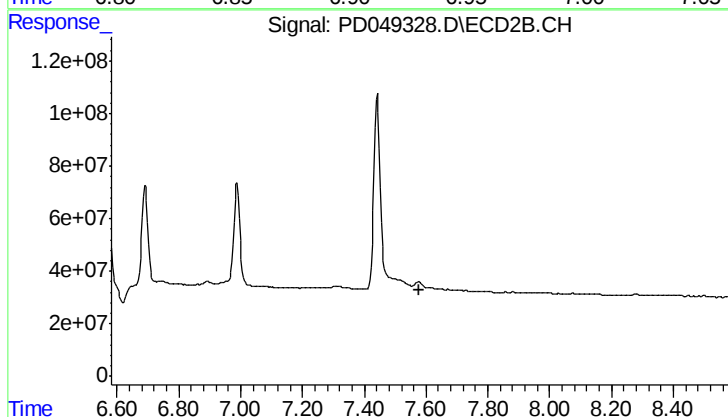
#20 Methoxychlor

R.T.: 7.442 min  
Delta R.T.: -0.001 min  
Response: 1060592060  
Conc: 184.66 ng/ml



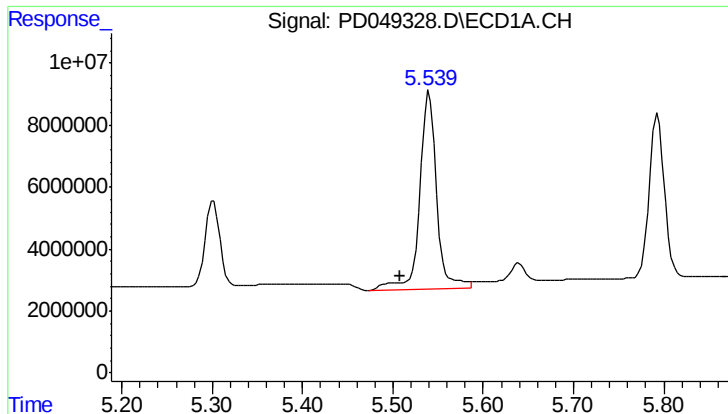
#21 Endrin ketone

R.T.: 6.926 min  
Delta R.T.: -0.003 min  
Response: 3743020  
Conc: 2.09 ng/ml



#21 Endrin ketone

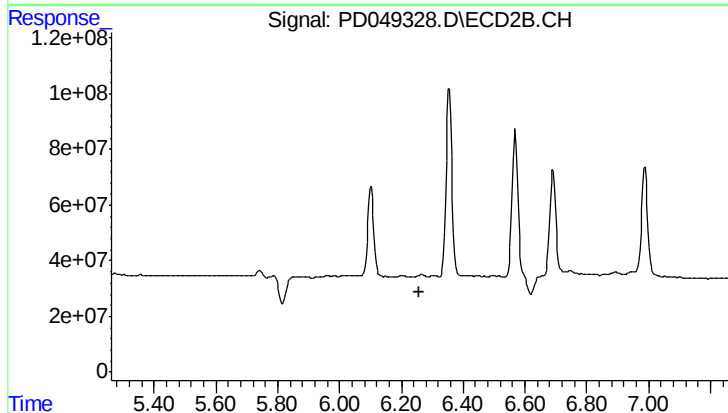
R.T.: 0.000 min  
Exp R.T.: 7.579 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

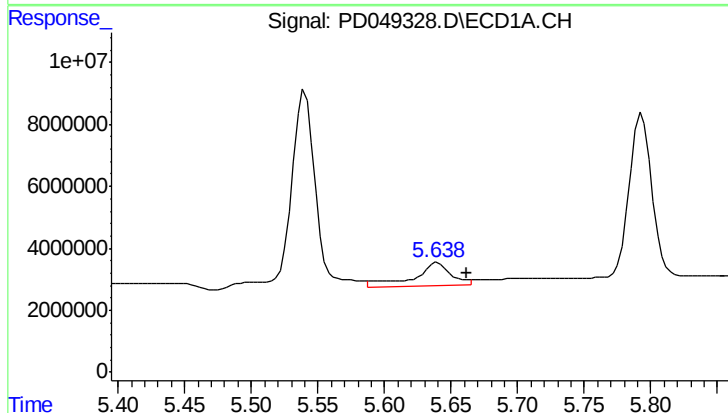
R.T.: 5.540 min  
Delta R.T.: 0.033 min  
Response: 83729644  
Conc: 8216.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



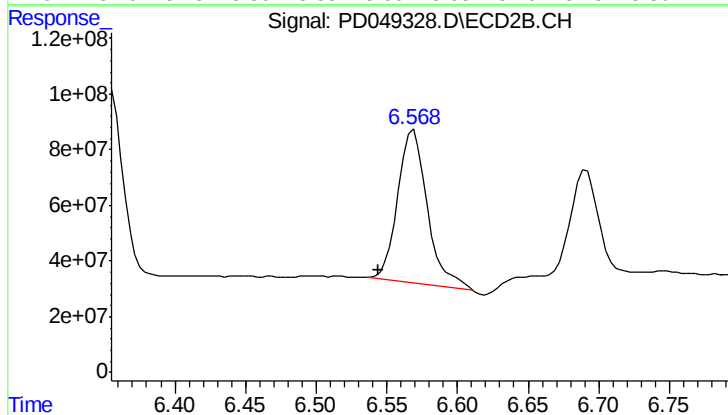
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T.: 6.260 min  
Response: 0  
Conc: N.D.



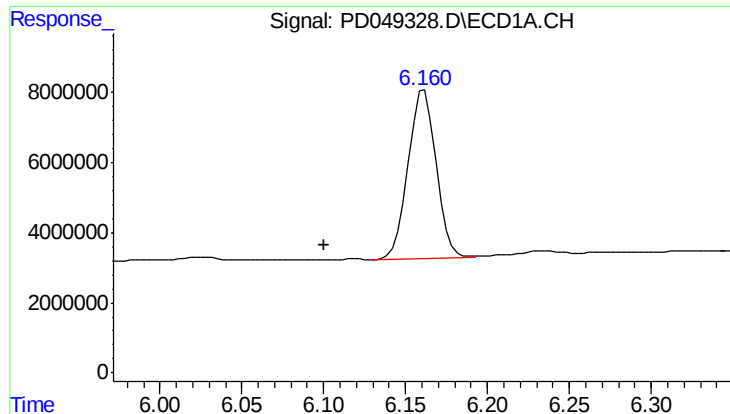
#23 Toxaphene-2

R.T.: 5.640 min  
Delta R.T.: -0.022 min  
Response: 14481485  
Conc: 1287.20 ng/ml



#23 Toxaphene-2

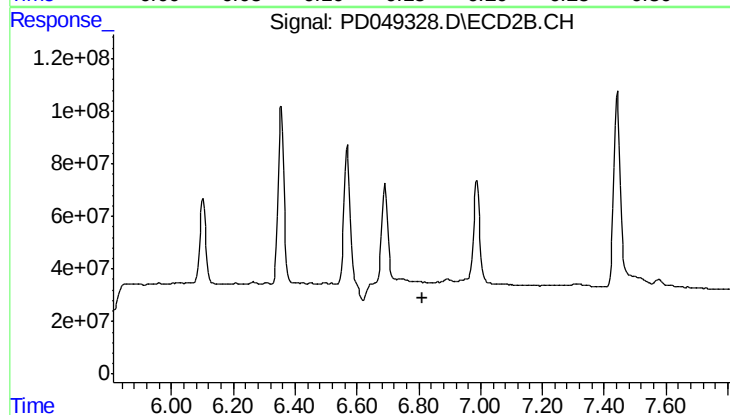
R.T.: 6.569 min  
Delta R.T.: 0.025 min  
Response: 786056093  
Conc: 5170.81 ng/ml



#24 Toxaphene-3

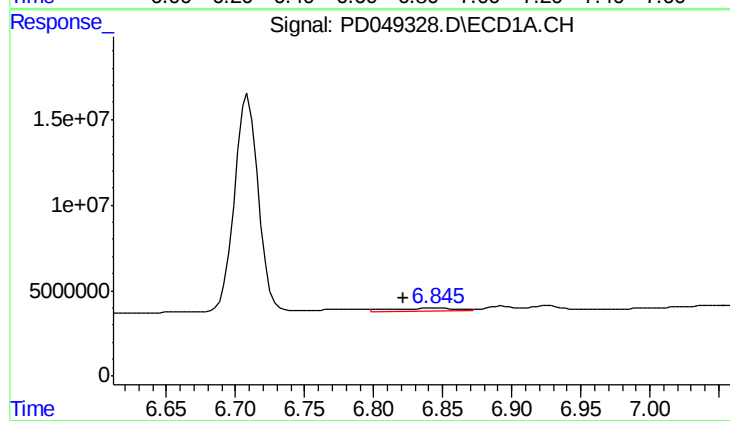
R.T.: 6.161 min  
Delta R.T.: 0.062 min  
Response: 57358817  
Conc: 1950.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



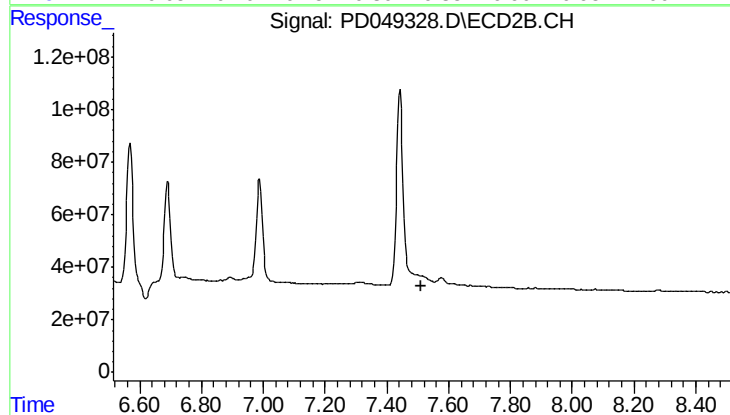
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 6.811 min  
Response: 0  
Conc: N.D.



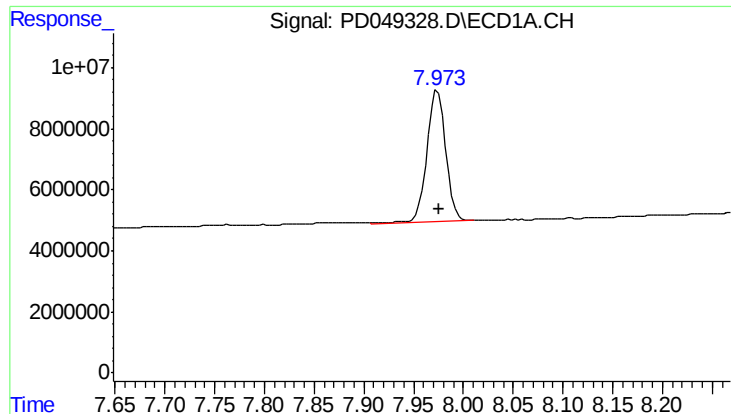
#26 Toxaphene-5

R.T.: 6.846 min  
Delta R.T.: 0.025 min  
Response: 6191586  
Conc: 161.39 ng/ml



#26 Toxaphene-5

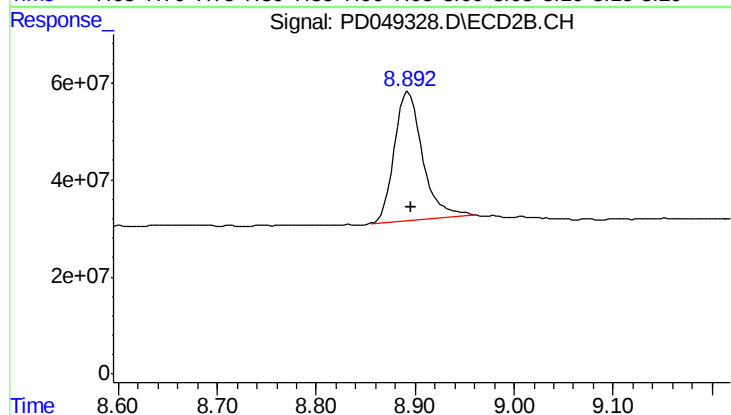
R.T.: 0.000 min  
Exp R.T.: 7.513 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.974 min  
Delta R.T.: -0.002 min  
Response: 57016800  
Conc: 36.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: -0.002 min  
Response: 528725741  
Conc: 36.25 ng/ml