

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080818\  
 Data File : PD048778.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Aug 2018 15:17  
 Operator : AJ\SJ  
 Sample : J4268-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AC6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 00:46:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072818CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 28 05:19:54 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 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... | 3.370  | 3.968  | 12771712 | 192.9E6  | 9.270    | 10.028    |
| 27)                         | SA Decachlor... | 8.068  | 8.993  | 31666698 | 318.9E6  | 19.549   | 17.768    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 3)                          | MA gamma-BHC... | 4.085  | 0.000  | 5582517  | 0        | 2.622    | N.D. #    |
| 4)                          | MA Heptachlor   | 4.330f | 5.160  | 34537338 | -6448487 | 16.990   | N.D. #    |
| 5)                          | MB Aldrin       | 4.656f | 0.000  | 6293183  | 0        | 3.407    | N.D. #    |
| 6)                          | B beta-BHC      | 4.330  | 0.000  | 34537338 | 0        | 43.407   | N.D. #    |
| 7)                          | B delta-BHC     | 0.000  | 5.011  | 0        | 8359415  | N.D.     | 0.328     |
| 8)                          | B Heptachlo...  | 5.115f | 5.828  | 21921611 | 16935067 | 12.758   | 0.723 #   |
| 9)                          | A Endosulfan I  | 5.410  | 6.160  | 8163181  | 42619334 | 4.735    | 1.884 #   |
| 10)                         | B trans-Chl...  | 5.309f | 6.109f | 8383182  | 363.4E6  | 4.759    | 14.586 #  |
| 11)                         | B cis-Chlor...  | 5.309  | 6.109  | 8383182  | 363.4E6  | 4.870    | 15.156 #  |
| 12)                         | B 4,4'-DDE      | 5.441f | 6.270  | 453726   | 106.9E6  | 0.251    | 5.311 #   |
| 13)                         | MA Dieldrin     | 5.605  | 6.441  | 26623301 | 23934163 | 13.544   | 0.983 #   |
| 14)                         | MA Endrin       | 0.000  | 6.641  | 0        | 18417021 | N.D.     | 0.993     |
| 15)                         | B Endosulfa...  | 6.142  | 6.839  | 5398723  | 7449873  | 3.281    | 0.388 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.761  | 0        | 71225029 | N.D.     | 4.530     |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.047  | 0        | 14565031 | N.D.     | 0.891     |
| 18)                         | B Endrin al...  | 0.000  | 6.971  | 0        | 9865220  | N.D.     | 0.636     |
| 19)                         | B Endosulfa...  | 6.551  | 0.000  | 2640763  | 0        | 1.741    | N.D. #    |
| 20)                         | A Methoxychlor  | 6.828  | 7.569f | 16972098 | 45069237 | 19.413   | 6.514 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.719f | 0        | 126.2E6  | N.D.     | 7.325     |
| 22)                         | Toxaphene-1     | 5.605  | 6.372  | 26623301 | 22933634 | 2621.285 | 227.983 # |
| 23)                         | Toxaphene-2     | 6.142  | 6.641  | 5398723  | 18417021 | 195.767  | 128.807 # |
| 24)                         | Toxaphene-3     | 0.000  | 7.047  | 0        | 14565031 | N.D.     | 29.215    |
| 25)                         | Toxaphene-4     | 6.828  | 0.000  | 16972098 | 0        | 657.825  | N.D. #    |
| 26)                         | Toxaphene-5     | 6.898  | 7.569  | 2291489  | 45069237 | 63.886   | 229.239 # |
| -----                       |                 |        |        |          |          |          |           |

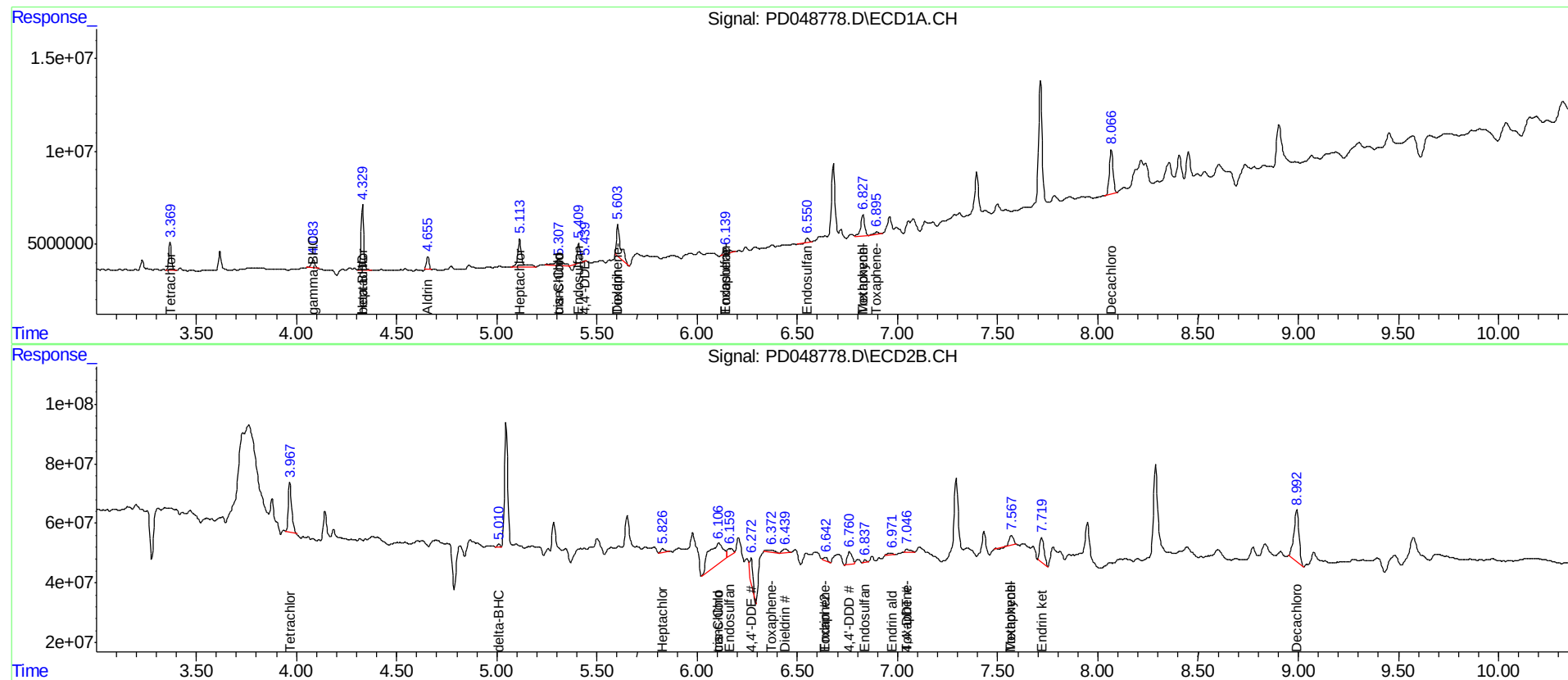
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

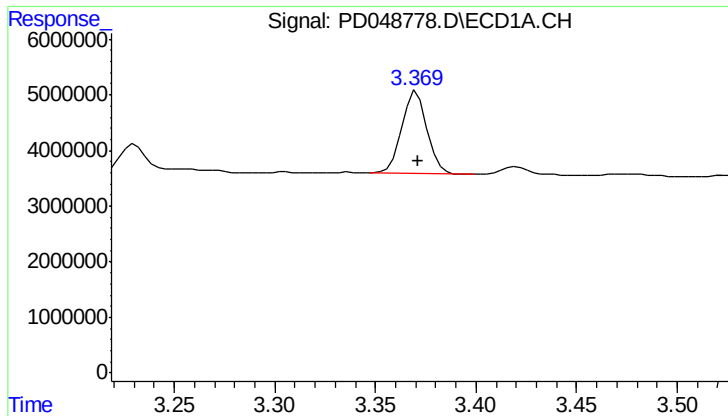
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080818\  
Data File : PD048778.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Aug 2018 15:17  
Operator : AJ\SJ  
Sample : J4268-14  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 00:46:11 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072818CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 28 05:19:54 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

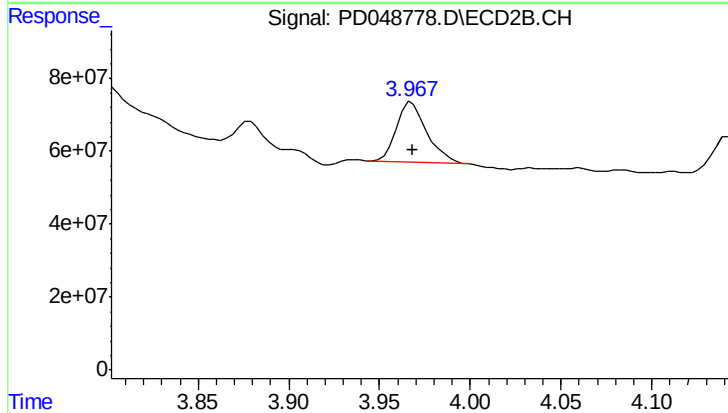




#1 Tetrachloro-m-xylene

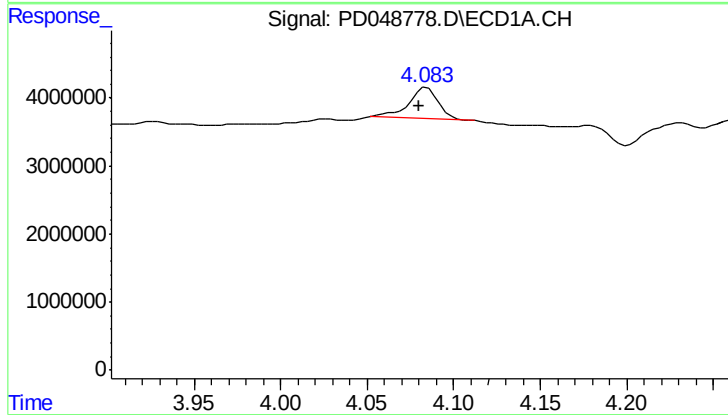
R.T.: 3.370 min  
Delta R.T.: 0.000 min  
Response: 12771712  
Conc: 9.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



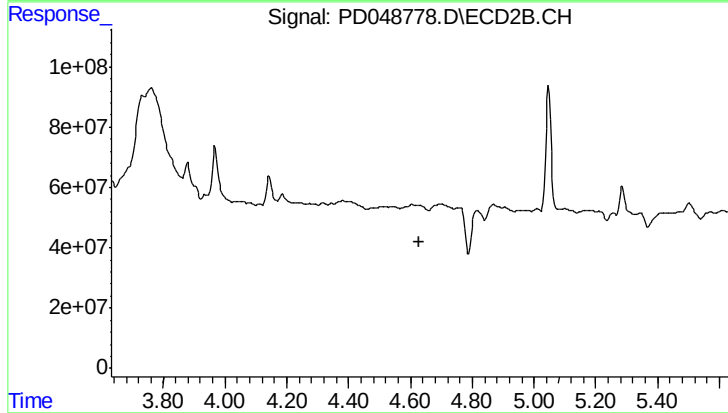
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 192893437  
Conc: 10.03 ng/ml



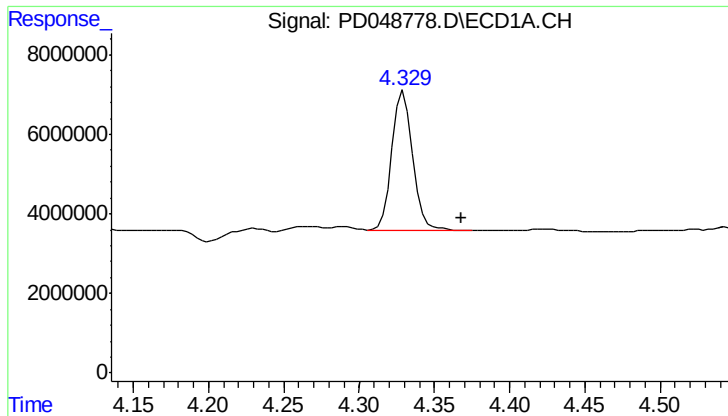
#3 gamma-BHC (Lindane)

R.T.: 4.085 min  
Delta R.T.: 0.005 min  
Response: 5582517  
Conc: 2.62 ng/ml



#3 gamma-BHC (Lindane)

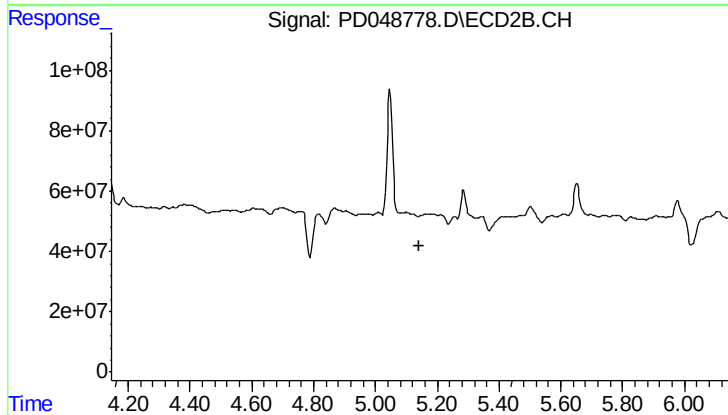
R.T.: 0.000 min  
Exp R.T.: 4.630 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

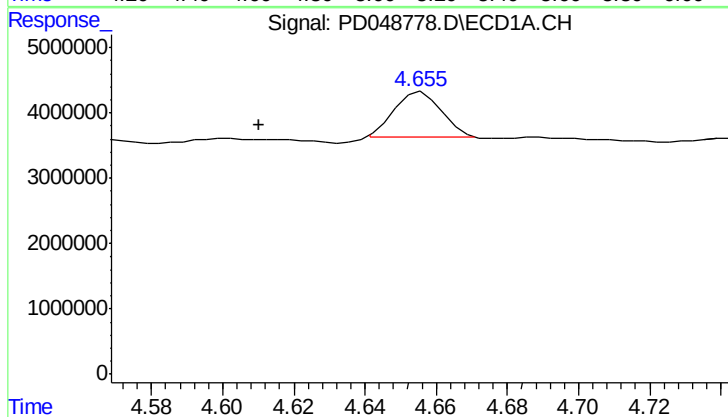
R.T.: 4.330 min  
Delta R.T.: -0.038 min  
Response: 34537338  
Conc: 16.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



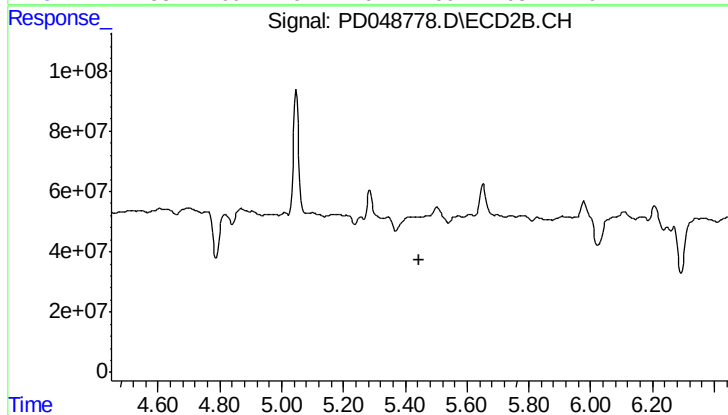
#4 Heptachlor

R.T.: 5.160 min  
Delta R.T.: 0.018 min  
Response: -6448487  
Conc: N.D.



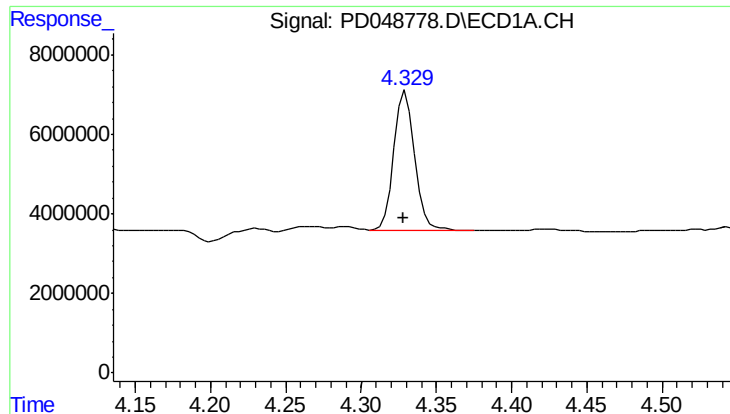
#5 Aldrin

R.T.: 4.656 min  
Delta R.T.: 0.046 min  
Response: 6293183  
Conc: 3.41 ng/ml



#5 Aldrin

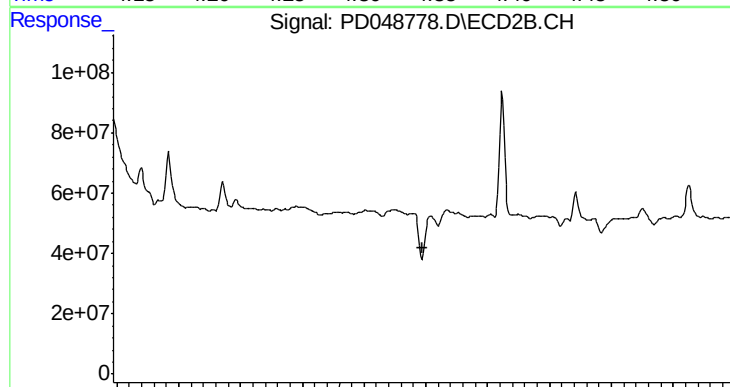
R.T.: 0.000 min  
Exp R.T.: 5.447 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

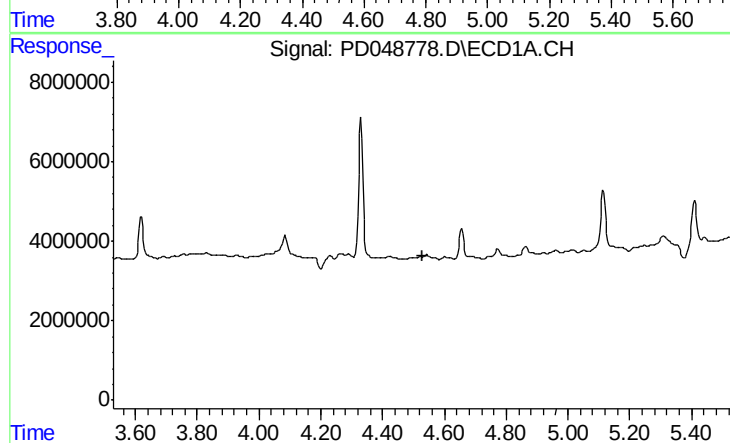
R.T.: 4.330 min  
Delta R.T.: 0.001 min  
Response: 34537338  
Conc: 43.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



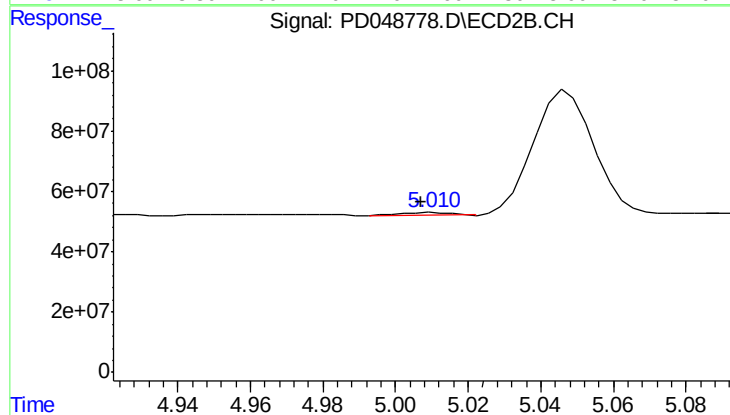
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.788 min  
Response: 0  
Conc: N.D.



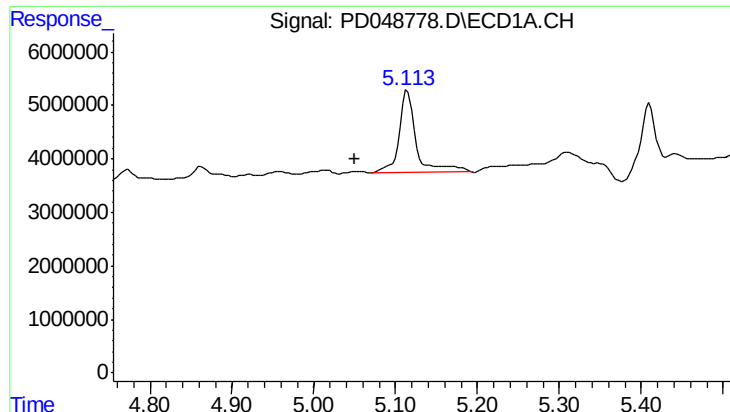
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.527 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

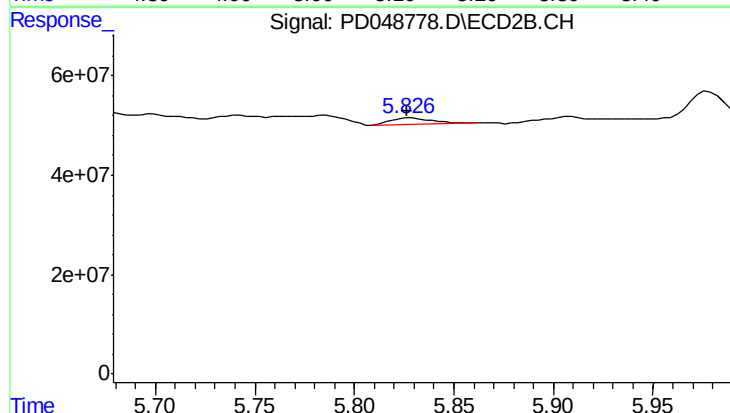
R.T.: 5.011 min  
Delta R.T.: 0.004 min  
Response: 8359415  
Conc: 0.33 ng/ml



#8 Heptachlor epoxide

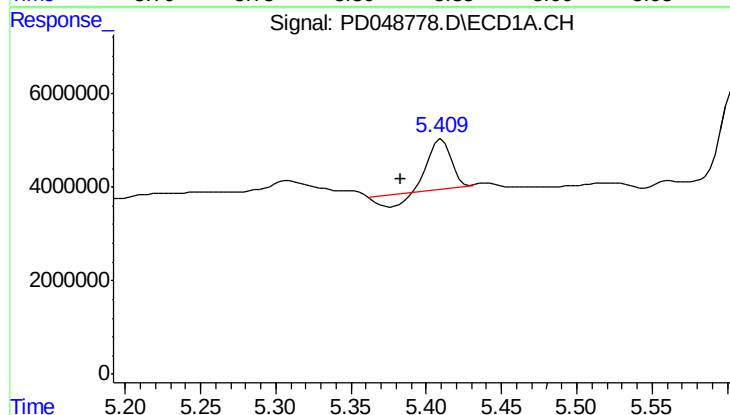
R.T.: 5.115 min  
Delta R.T.: 0.065 min  
Response: 21921611  
Conc: 12.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



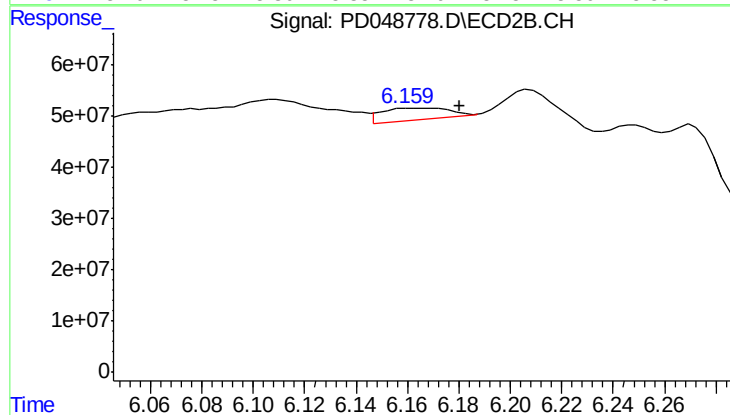
#8 Heptachlor epoxide

R.T.: 5.828 min  
Delta R.T.: 0.001 min  
Response: 16935067  
Conc: 0.72 ng/ml



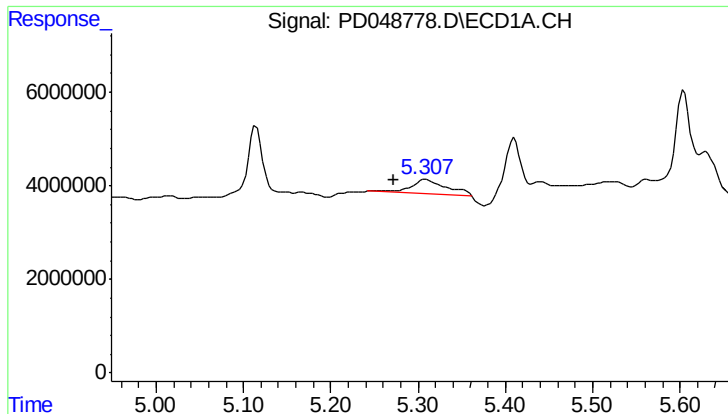
#9 Endosulfan I

R.T.: 5.410 min  
Delta R.T.: 0.027 min  
Response: 8163181  
Conc: 4.73 ng/ml



#9 Endosulfan I

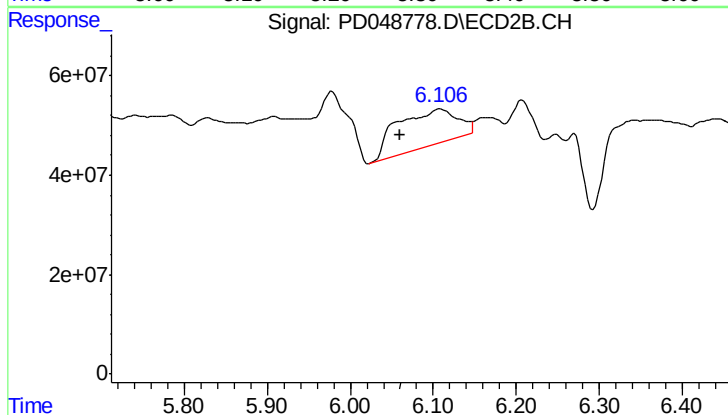
R.T.: 6.160 min  
Delta R.T.: -0.020 min  
Response: 42619334  
Conc: 1.88 ng/ml



#10 trans-Chlordane

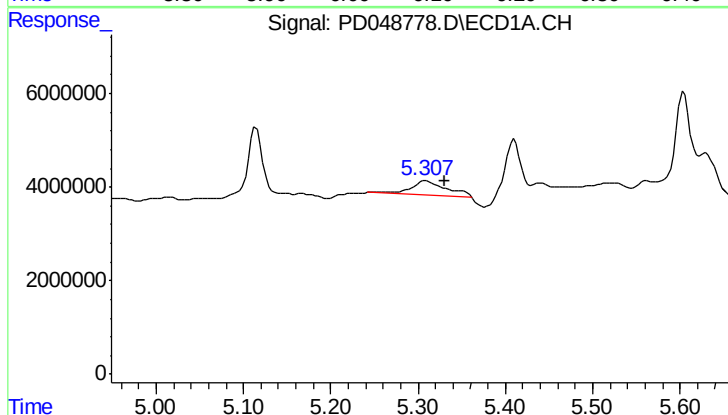
R.T.: 5.309 min  
Delta R.T.: 0.037 min  
Response: 8383182  
Conc: 4.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



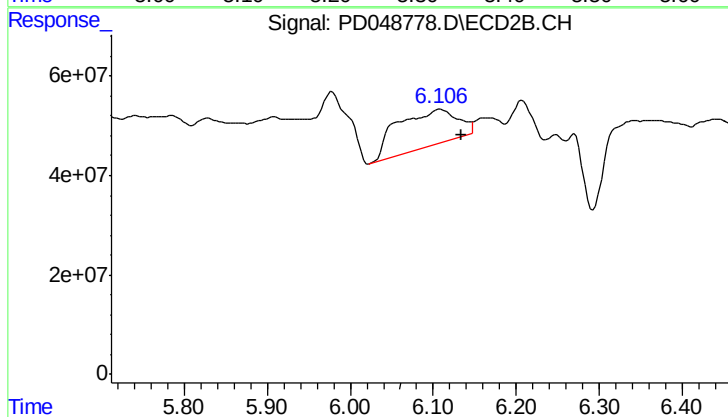
#10 trans-Chlordane

R.T.: 6.109 min  
Delta R.T.: 0.049 min  
Response: 363380880  
Conc: 14.59 ng/ml



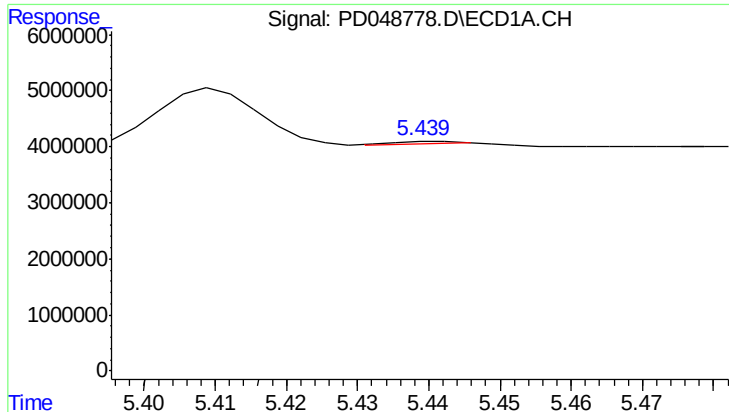
#11 cis-Chlordane

R.T.: 5.309 min  
Delta R.T.: -0.022 min  
Response: 8383182  
Conc: 4.87 ng/ml



#11 cis-Chlordane

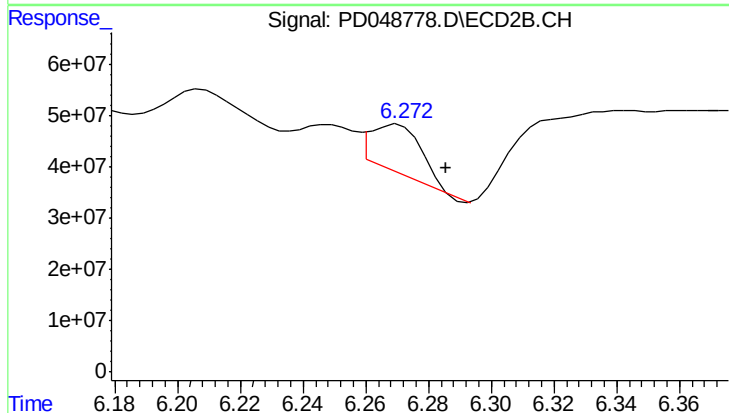
R.T.: 6.109 min  
Delta R.T.: -0.025 min  
Response: 363380880  
Conc: 15.16 ng/ml



#12 4,4'-DDE

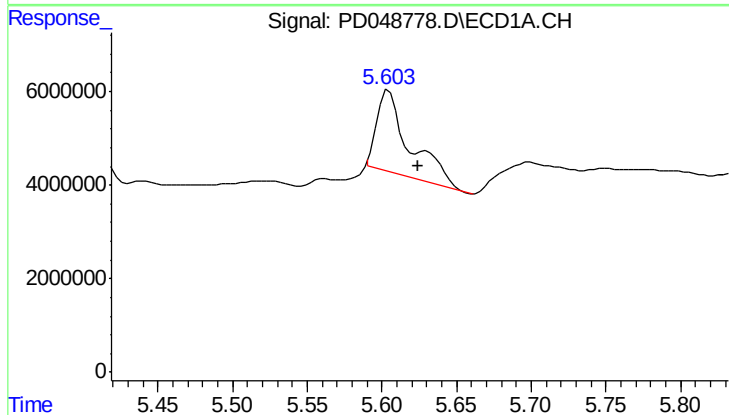
R.T.: 5.441 min  
Delta R.T.: -0.057 min  
Response: 453726  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



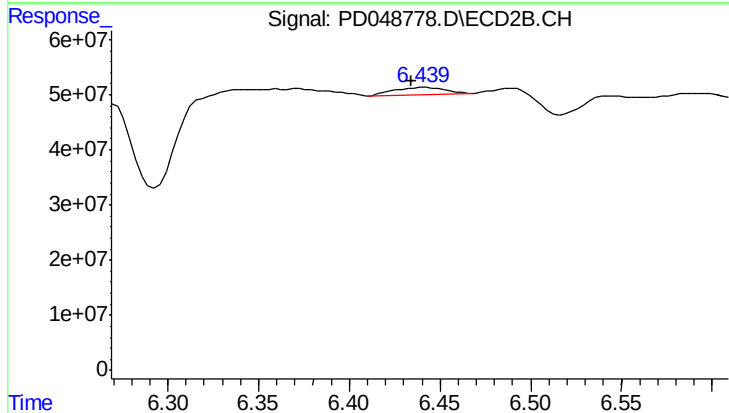
#12 4,4'-DDE

R.T.: 6.270 min  
Delta R.T.: -0.016 min  
Response: 106875789  
Conc: 5.31 ng/ml



#13 Dieldrin

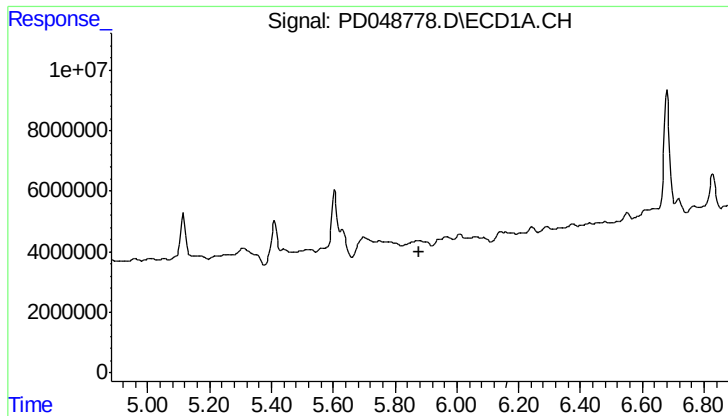
R.T.: 5.605 min  
Delta R.T.: -0.019 min  
Response: 26623301  
Conc: 13.54 ng/ml



#13 Dieldrin

R.T.: 6.441 min  
Delta R.T.: 0.007 min  
Response: 23934163  
Conc: 0.98 ng/ml

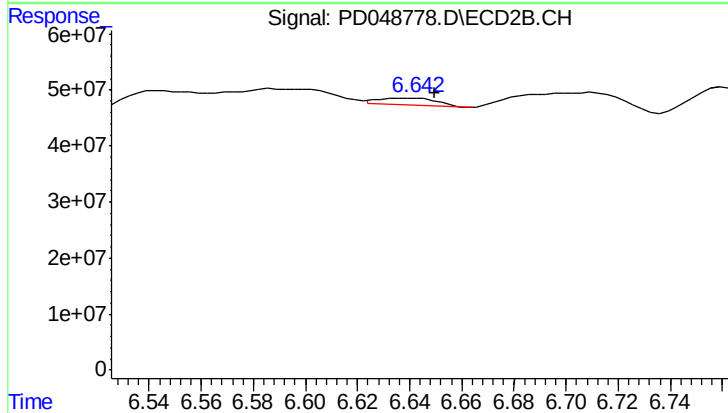




#14 Endrin

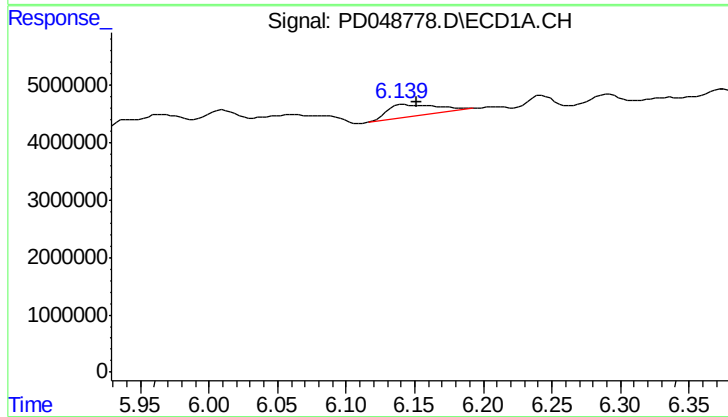
R.T.: 0.000 min  
Exp R.T.: 5.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



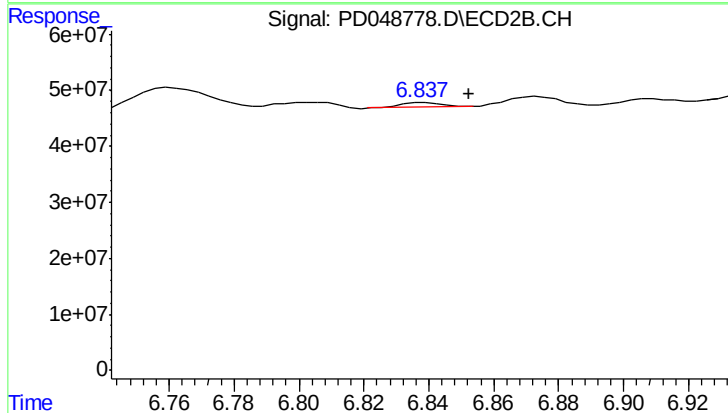
#14 Endrin

R.T.: 6.641 min  
Delta R.T.: -0.009 min  
Response: 18417021  
Conc: 0.99 ng/ml



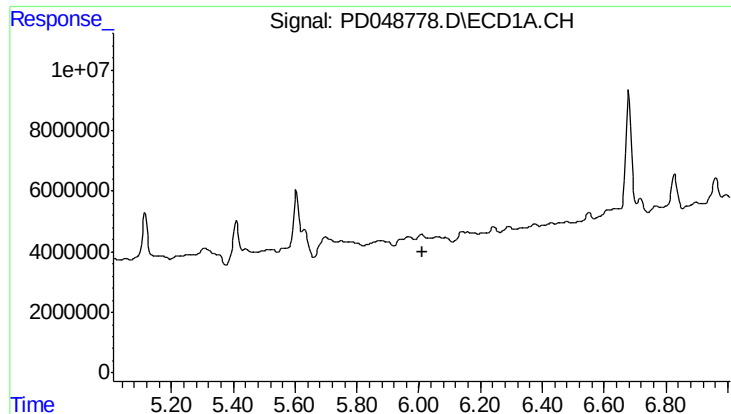
#15 Endosulfan II

R.T.: 6.142 min  
Delta R.T.: -0.010 min  
Response: 5398723  
Conc: 3.28 ng/ml



#15 Endosulfan II

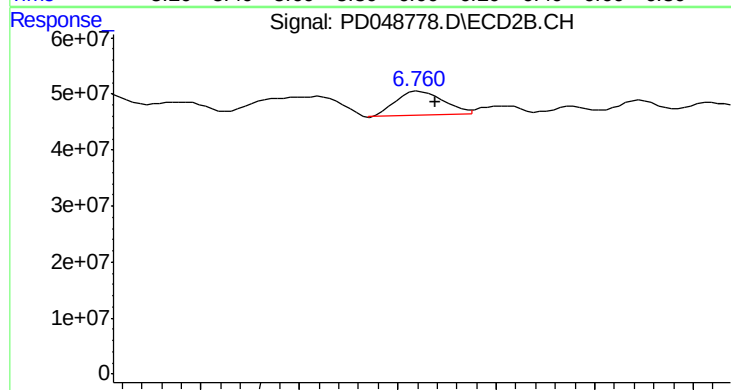
R.T.: 6.839 min  
Delta R.T.: -0.013 min  
Response: 7449873  
Conc: 0.39 ng/ml



#16 4,4'-DDD

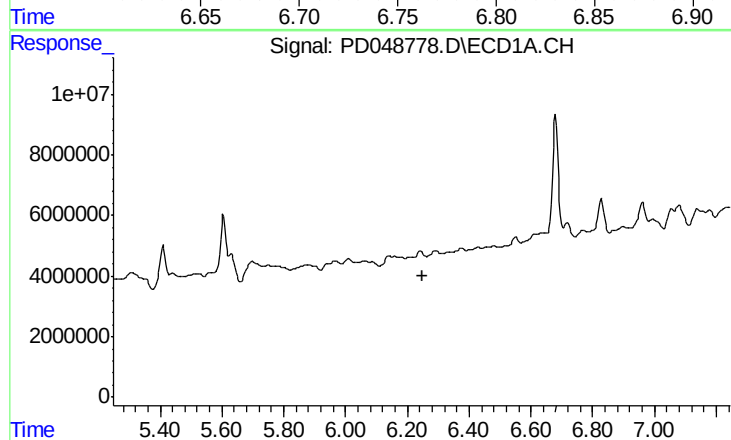
R.T.: 0.000 min  
Exp R.T.: 6.010 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



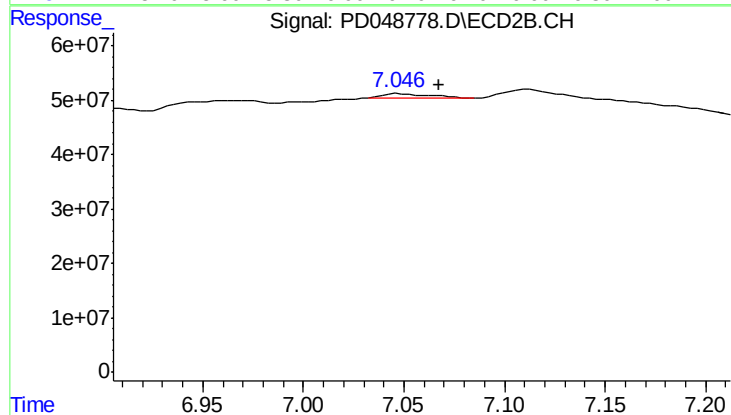
#16 4,4'-DDD

R.T.: 6.761 min  
Delta R.T.: -0.008 min  
Response: 71225029  
Conc: 4.53 ng/ml



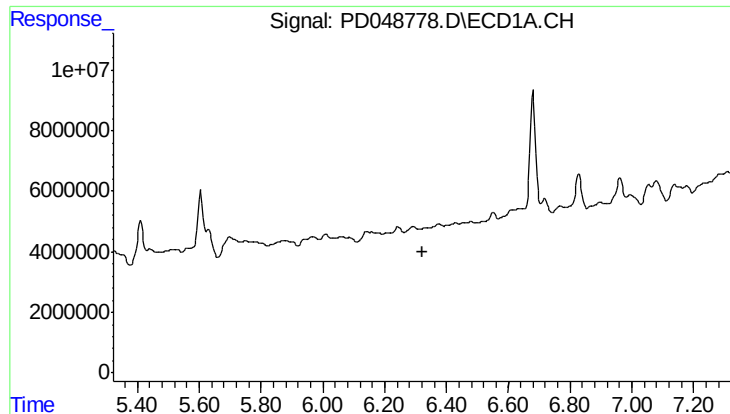
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.247 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

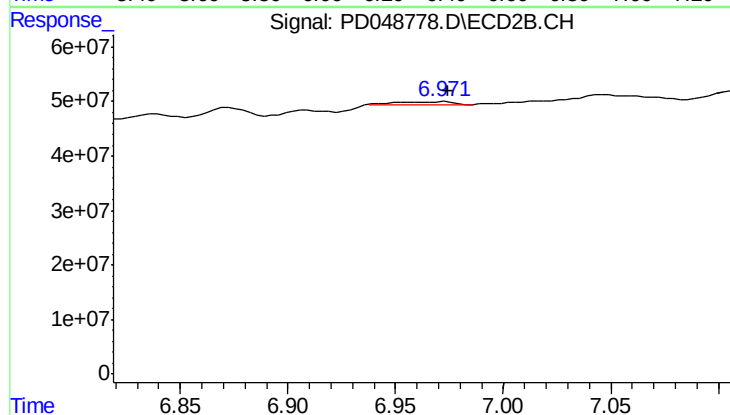
R.T.: 7.047 min  
Delta R.T.: -0.021 min  
Response: 14565031  
Conc: 0.89 ng/ml



#18 Endrin aldehyde

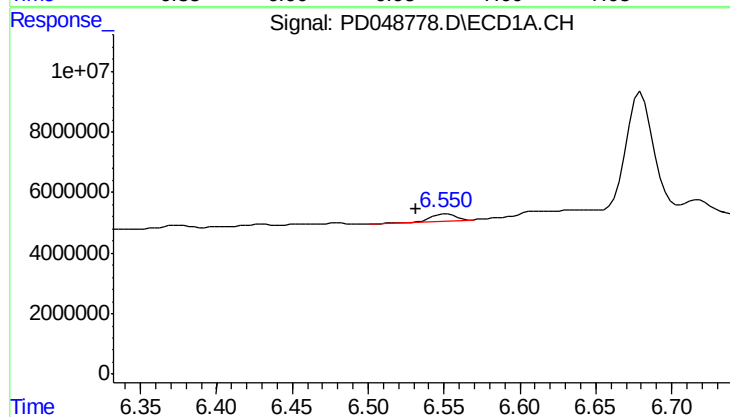
R.T.: 0.000 min  
Exp R.T.: 6.321 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



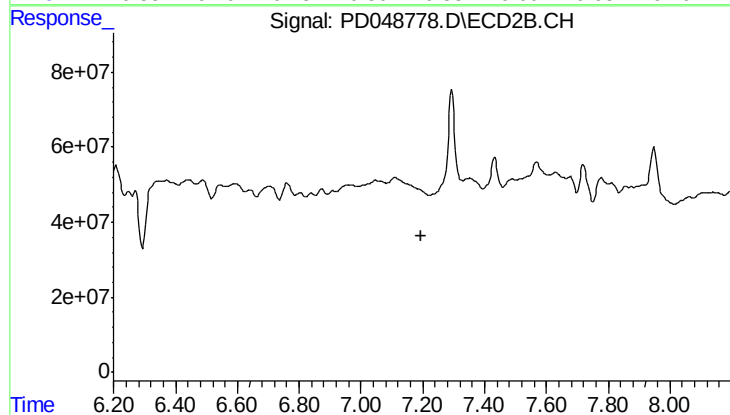
#18 Endrin aldehyde

R.T.: 6.971 min  
Delta R.T.: -0.003 min  
Response: 9865220  
Conc: 0.64 ng/ml



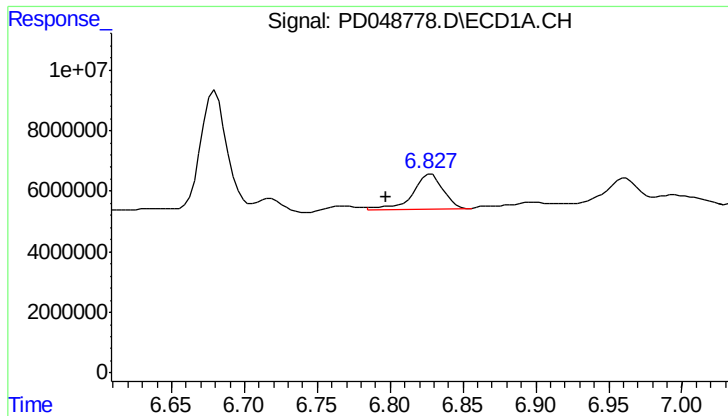
#19 Endosulfan Sulfate

R.T.: 6.551 min  
Delta R.T.: 0.019 min  
Response: 2640763  
Conc: 1.74 ng/ml



#19 Endosulfan Sulfate

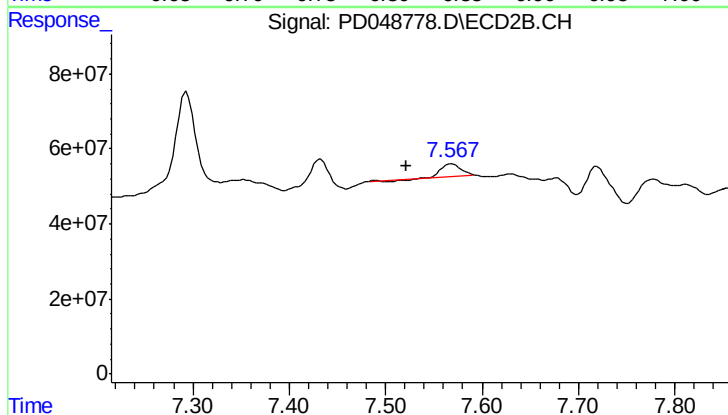
R.T.: 0.000 min  
Exp R.T.: 7.196 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

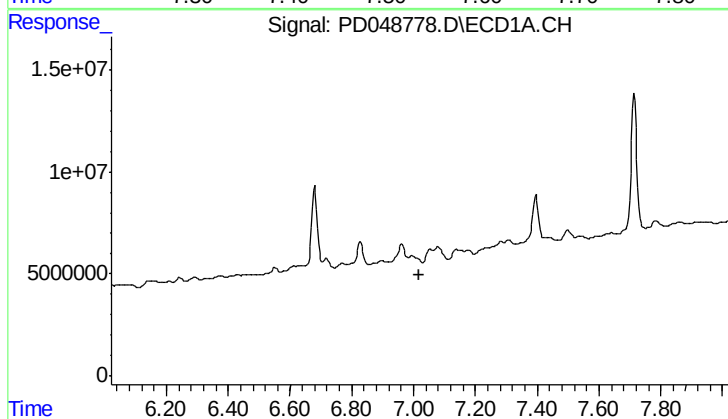
R.T.: 6.828 min  
Delta R.T.: 0.031 min  
Response: 16972098  
Conc: 19.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



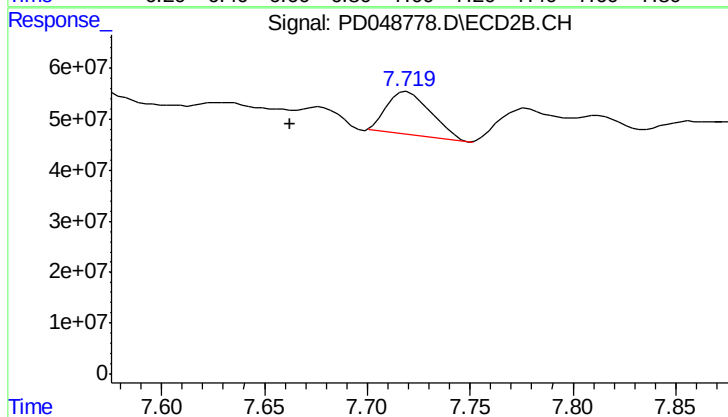
#20 Methoxychlor

R.T.: 7.569 min  
Delta R.T.: 0.047 min  
Response: 45069237  
Conc: 6.51 ng/ml



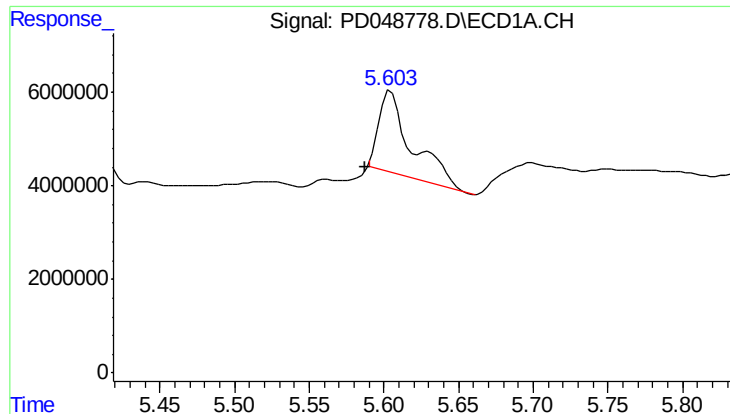
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.020 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

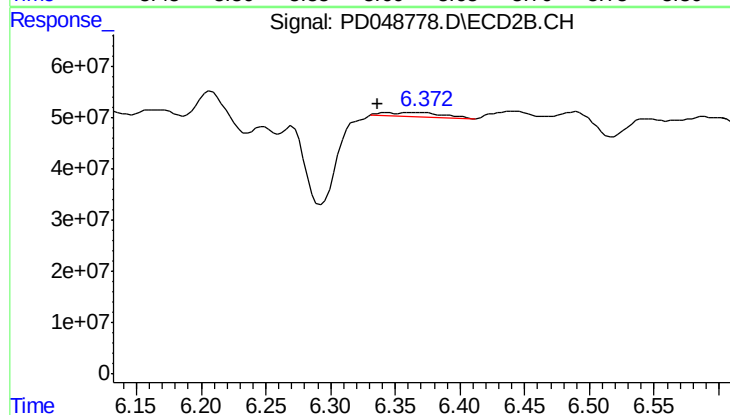
R.T.: 7.719 min  
Delta R.T.: 0.057 min  
Response: 126230145  
Conc: 7.33 ng/ml



#22 Toxaphene-1

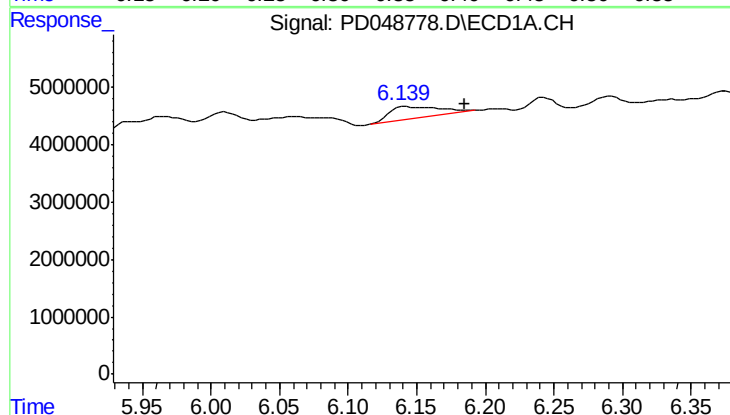
R.T.: 5.605 min  
Delta R.T.: 0.018 min  
Response: 26623301  
Conc: 2621.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



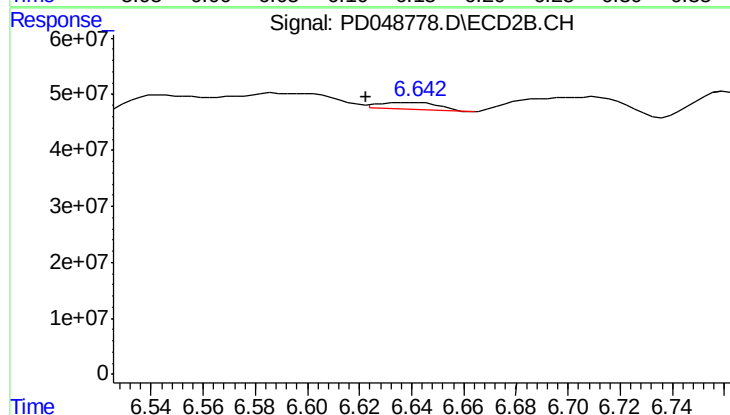
#22 Toxaphene-1

R.T.: 6.372 min  
Delta R.T.: 0.035 min  
Response: 22933634  
Conc: 227.98 ng/ml



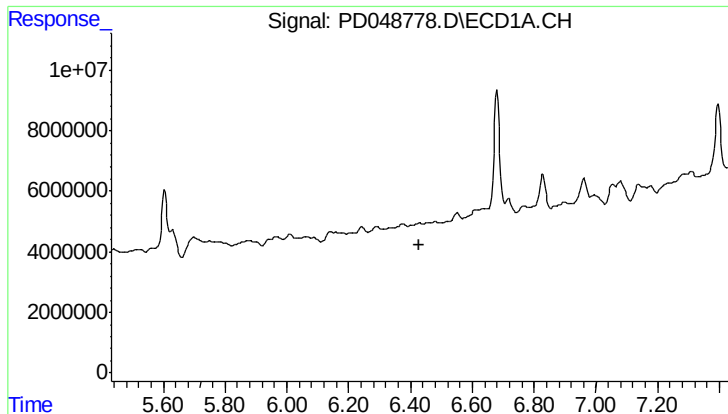
#23 Toxaphene-2

R.T.: 6.142 min  
Delta R.T.: -0.043 min  
Response: 5398723  
Conc: 195.77 ng/ml



#23 Toxaphene-2

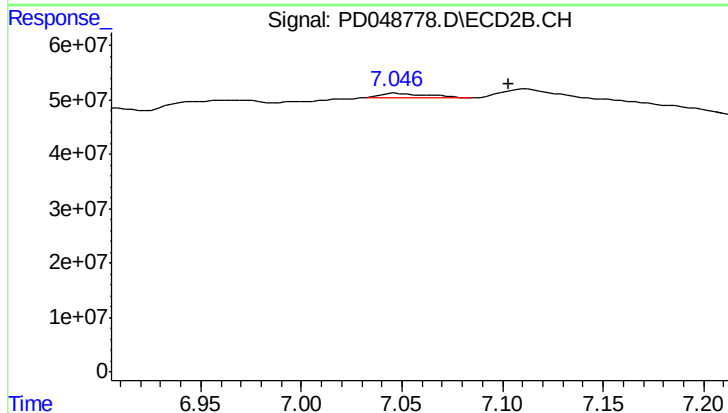
R.T.: 6.641 min  
Delta R.T.: 0.018 min  
Response: 18417021  
Conc: 128.81 ng/ml



#24 Toxaphene-3

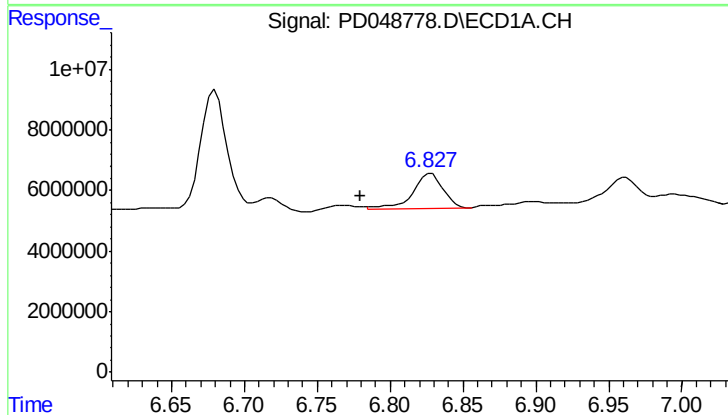
R.T.: 0.000 min  
Exp R.T.: 6.429 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



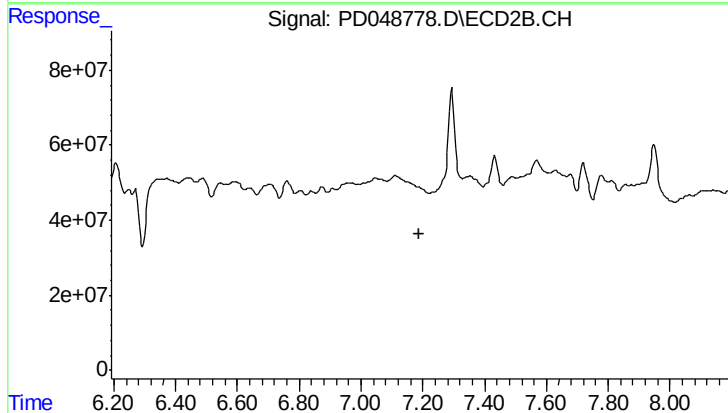
#24 Toxaphene-3

R.T.: 7.047 min  
Delta R.T.: -0.056 min  
Response: 14565031  
Conc: 29.22 ng/ml



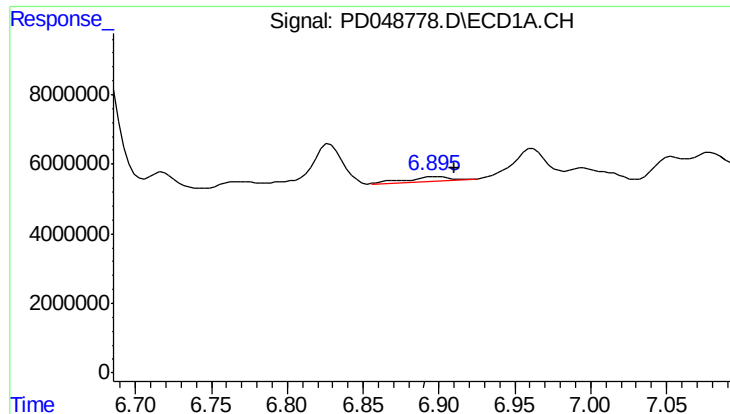
#25 Toxaphene-4

R.T.: 6.828 min  
Delta R.T.: 0.048 min  
Response: 16972098  
Conc: 657.82 ng/ml



#25 Toxaphene-4

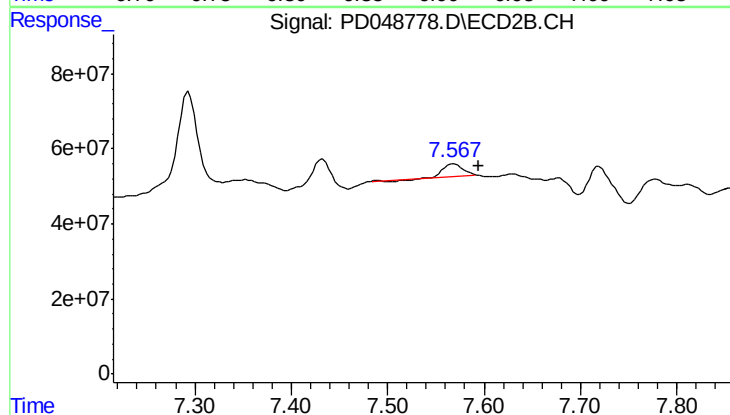
R.T.: 0.000 min  
Exp R.T.: 7.190 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

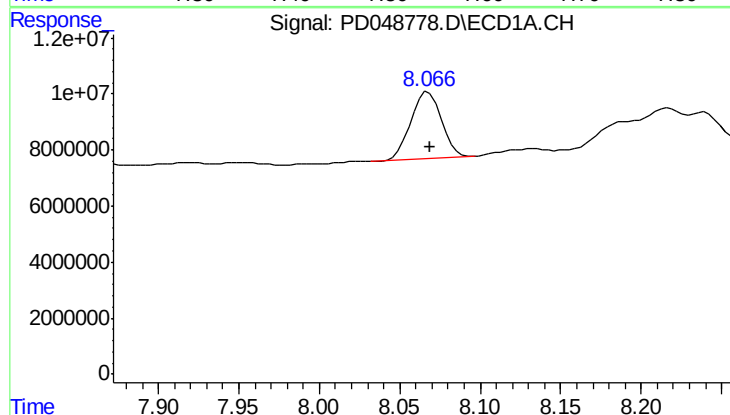
R.T.: 6.898 min  
Delta R.T.: -0.012 min  
Response: 2291489  
Conc: 63.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AC6



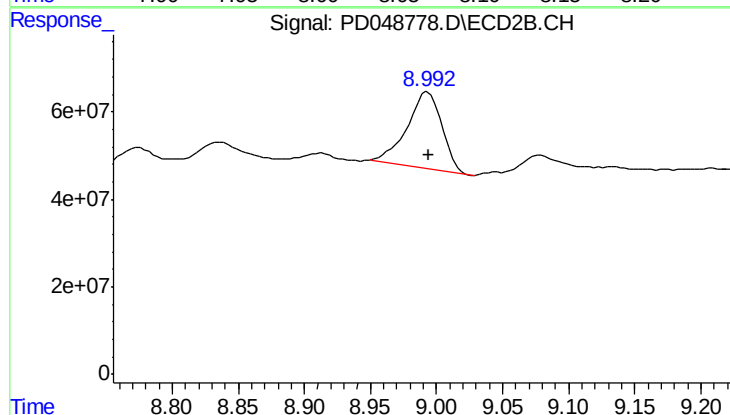
#26 Toxaphene-5

R.T.: 7.569 min  
Delta R.T.: -0.027 min  
Response: 45069237  
Conc: 229.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.068 min  
Delta R.T.: 0.000 min  
Response: 31666698  
Conc: 19.55 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.993 min  
Delta R.T.: -0.001 min  
Response: 318947747  
Conc: 17.77 ng/ml