

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091118\  
 Data File : PD049158.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Sep 2018 22:32  
 Operator : AJ\SJ  
 Sample : J4792-18  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 A3YZ3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 12 05:30:15 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081618CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 16 13:32:25 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... | 3.370  | 3.967  | 15681775 | 85578676  | 12.848  | 4.867 #     |
| 27)                         | SA Decachlor... | 8.064  | 8.993  | 35962936 | 290.5E6   | 24.976  | 17.945 #    |
| Target Compounds            |                 |        |        |          |           |         |             |
| 2)                          | A alpha-BHC     | 3.753f | 4.314f | 4032937  | 4424772   | 2.087   | 0.163 #     |
| 3)                          | MA gamma-BHC... | 4.084  | 0.000  | 56500324 | 0         | 30.398  | N.D. #      |
| 4)                          | MA Heptachlor   | 4.353  | 5.160  | 3854521  | 6453420   | 2.149   | 0.261 #     |
| 5)                          | MB Aldrin       | 0.000  | 5.439  | 0        | 16518621  | N.D.    | 0.665       |
| 6)                          | B beta-BHC      | 4.353f | 4.758f | 3854521  | 220.0E6   | 5.187   | 20.974 #    |
| 7)                          | B delta-BHC     | 0.000  | 5.033f | 0        | 51706040  | N.D.    | 2.276       |
| 8)                          | B Heptachlo...  | 5.112f | 5.825  | 91802649 | 22640341  | 57.735  | 1.038 #     |
| 9)                          | A Endosulfan I  | 5.408  | 6.171  | 73250059 | 88322030  | 47.079  | 4.123 #     |
| 11)                         | B cis-Chlor...  | 0.000  | 6.171f | 0        | 88322030  | N.D.    | 3.851       |
| 12)                         | B 4,4'-DDE      | 5.514  | 6.269  | 2608818  | 95831972  | 1.564   | 4.728 #     |
| 13)                         | MA Dieldrin     | 0.000  | 6.445  | 0        | 69087179  | N.D.    | 3.116       |
| 14)                         | MA Endrin       | 5.873  | 6.645  | 6763648  | -48670344 | 4.305   | N.D. #      |
| 15)                         | B Endosulfa...  | 6.155  | 6.839  | 23314456 | 17484930  | 15.443  | 0.916 #     |
| 16)                         | A 4,4'-DDD      | 6.007  | 6.758  | 5448425  | 237.7E6   | 3.821   | 15.680 #    |
| 17)                         | MA 4,4'-DDT     | 6.241  | 7.066  | 15211104 | 22971122  | 10.303  | 1.425 #     |
| 19)                         | B Endosulfa...  | 6.548  | 0.000  | 14589160 | 0         | 10.597  | N.D. #      |
| 20)                         | A Methoxychlor  | 6.825  | 7.492  | 66413243 | 132.8E6   | 85.250  | 19.405 #    |
| 21)                         | B Endrin ke...  | 7.075f | 7.674  | 22510500 | -24724622 | 13.410  | N.D. #      |
| 22)                         | Toxaphene-1     | 0.000  | 6.366  | 0        | 303.0E6   | N.D.    | 3080.757    |
| 23)                         | Toxaphene-2     | 5.747  | 6.902  | 2751155  | 15853662  | 268.154 | 26.480 #    |
| 24)                         | Toxaphene-3     | 6.155  | 7.043  | 23314456 | 21813048  | 886.479 | 118.108 #   |
| 25)                         | Toxaphene-4     | 6.428  | 7.292  | 3586315  | 2059.0E6  | 126.946 | 17547.468 # |
| -----                       |                 |        |        |          |           |         |             |

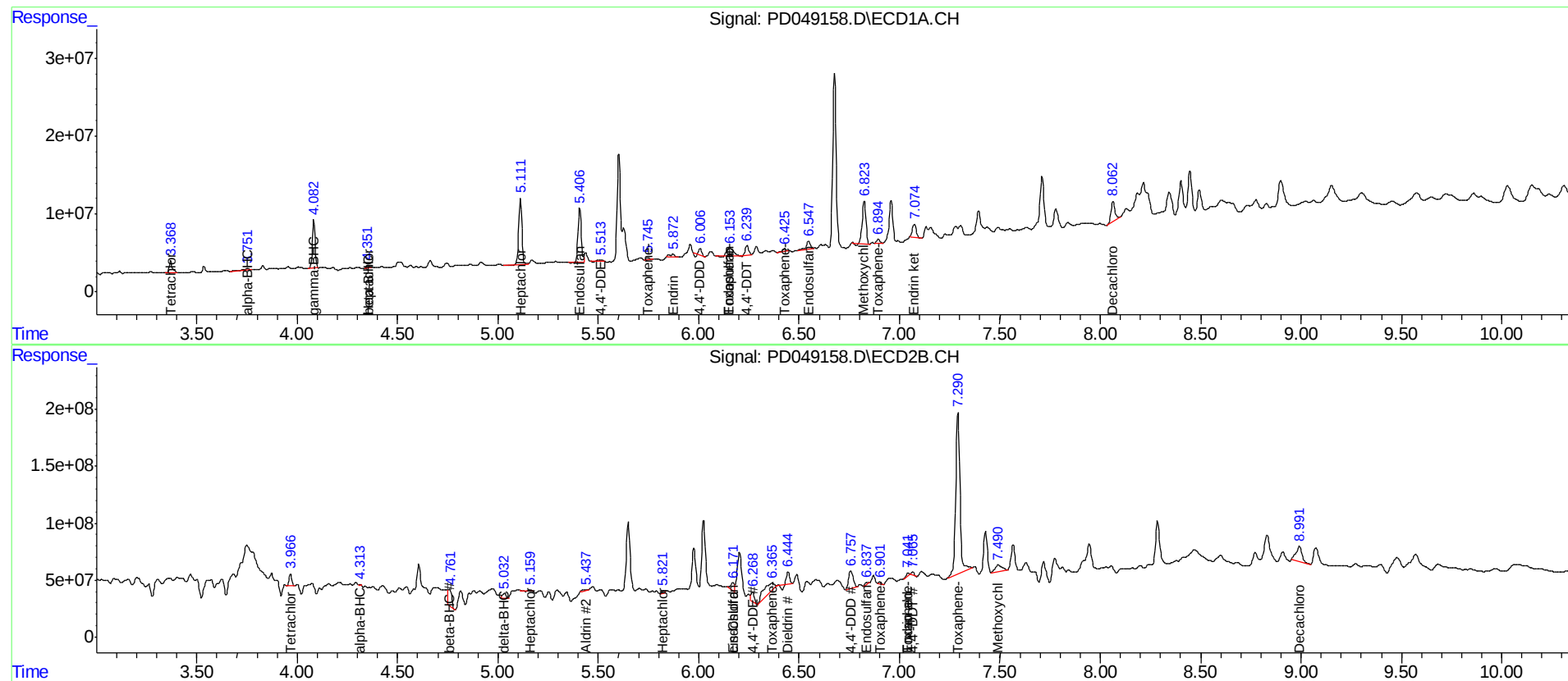
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

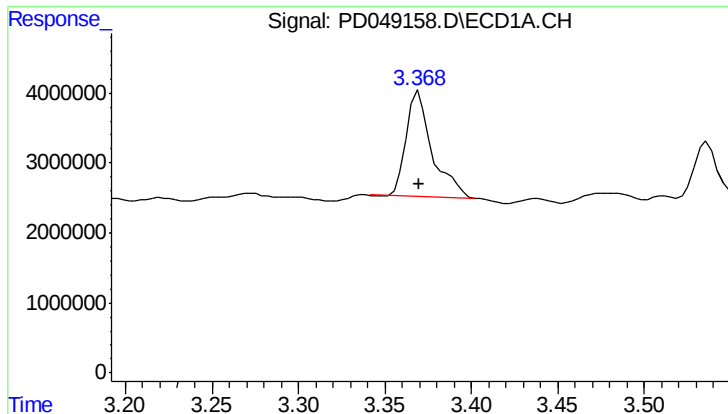
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091118\  
Data File : PD049158.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Sep 2018 22:32  
Operator : AJ\SJ  
Sample : J4792-18  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 05:30:15 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081618CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 16 13:32:25 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

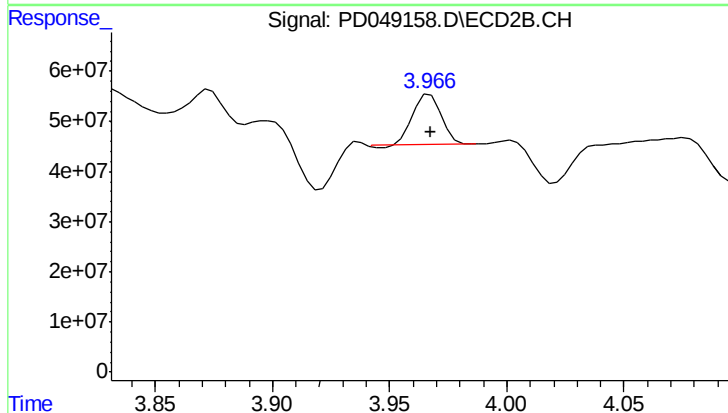




#1 Tetrachloro-m-xylene

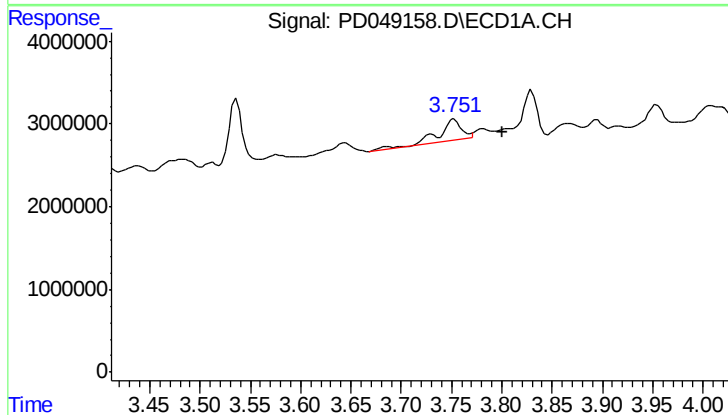
R.T.: 3.370 min  
Delta R.T.: 0.000 min  
Response: 15681775  
Conc: 12.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



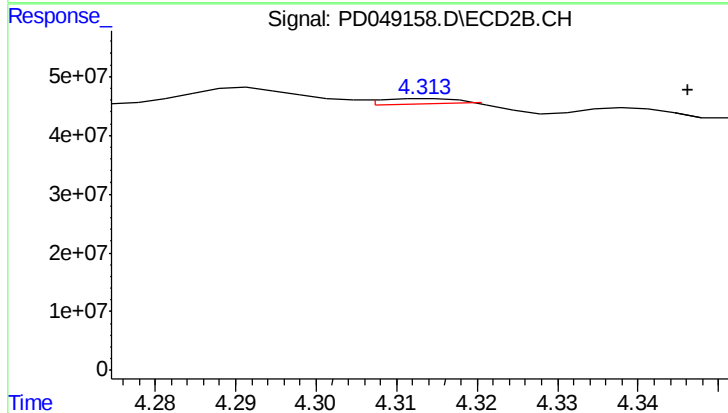
#1 Tetrachloro-m-xylene

R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 85578676  
Conc: 4.87 ng/ml



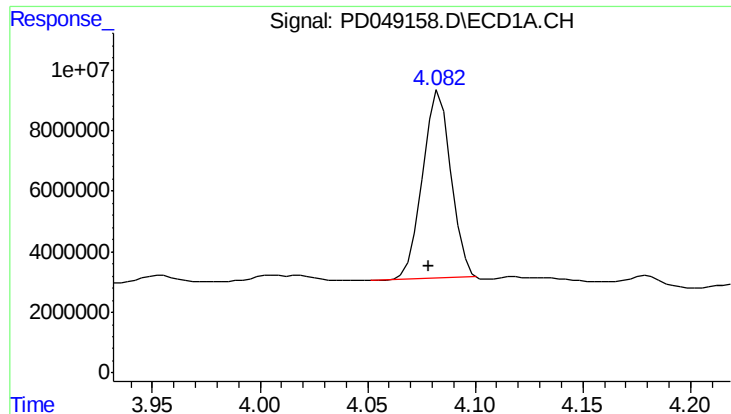
#2 alpha-BHC

R.T.: 3.753 min  
Delta R.T.: -0.048 min  
Response: 4032937  
Conc: 2.09 ng/ml



#2 alpha-BHC

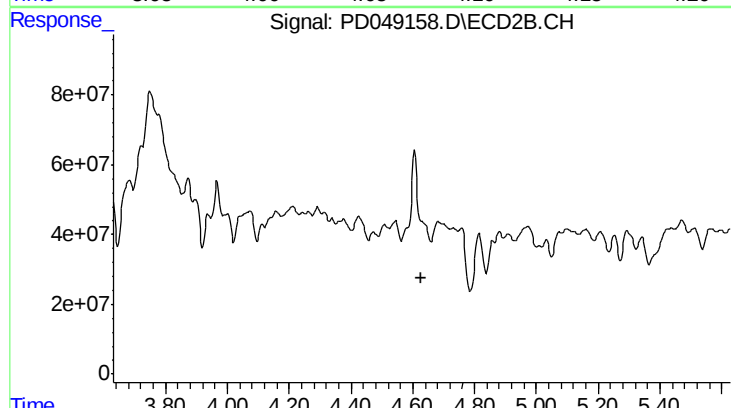
R.T.: 4.314 min  
Delta R.T.: -0.033 min  
Response: 4424772  
Conc: 0.16 ng/ml



#3 gamma-BHC (Lindane)

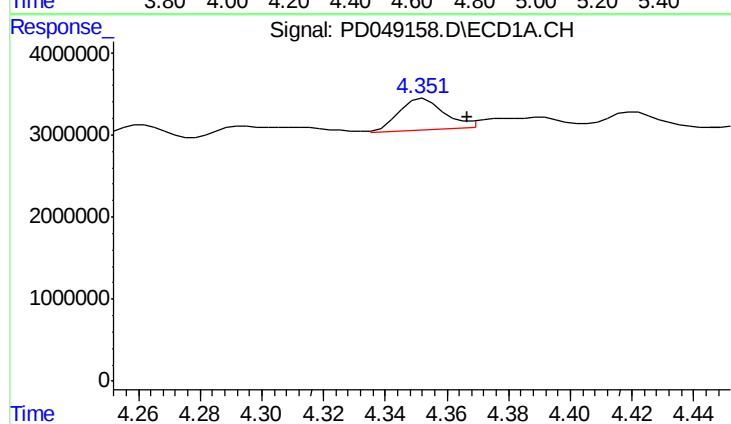
R.T.: 4.084 min  
Delta R.T.: 0.005 min  
Response: 56500324  
Conc: 30.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



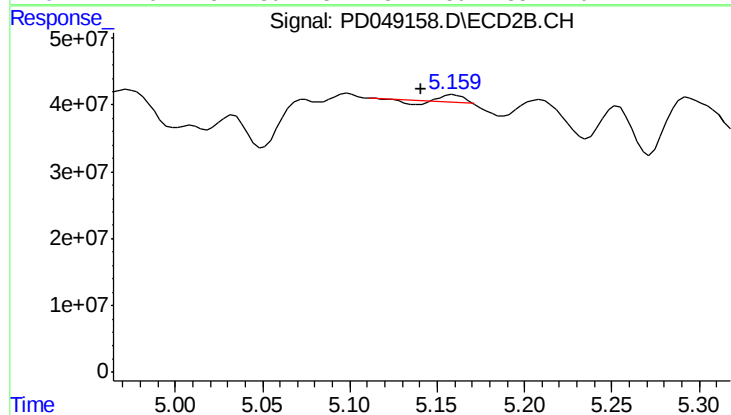
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T.: 4.628 min  
Response: 0  
Conc: N.D.



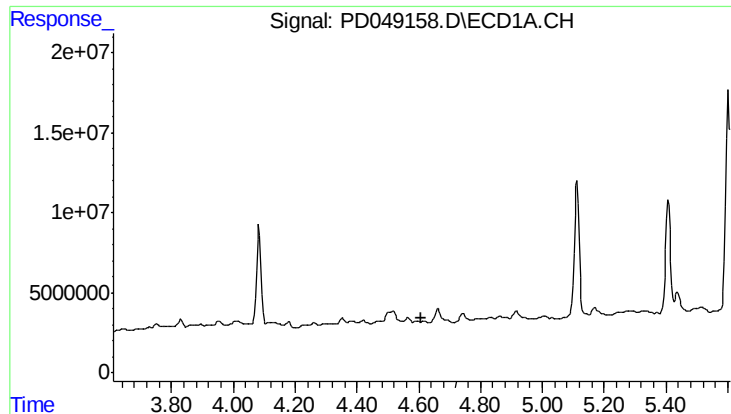
#4 Heptachlor

R.T.: 4.353 min  
Delta R.T.: -0.014 min  
Response: 3854521  
Conc: 2.15 ng/ml



#4 Heptachlor

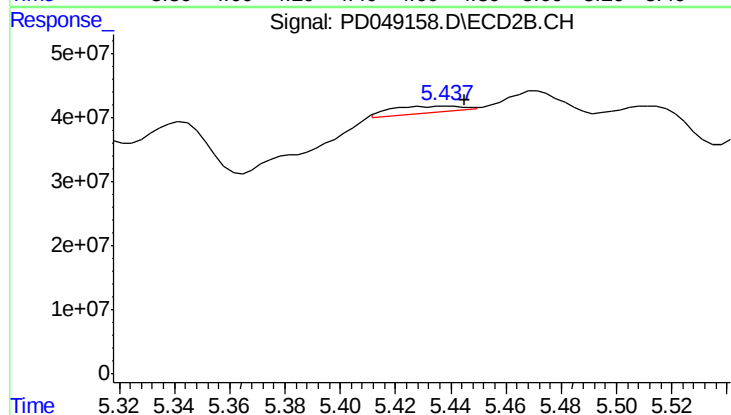
R.T.: 5.160 min  
Delta R.T.: 0.019 min  
Response: 6453420  
Conc: 0.26 ng/ml



#5 Aldrin

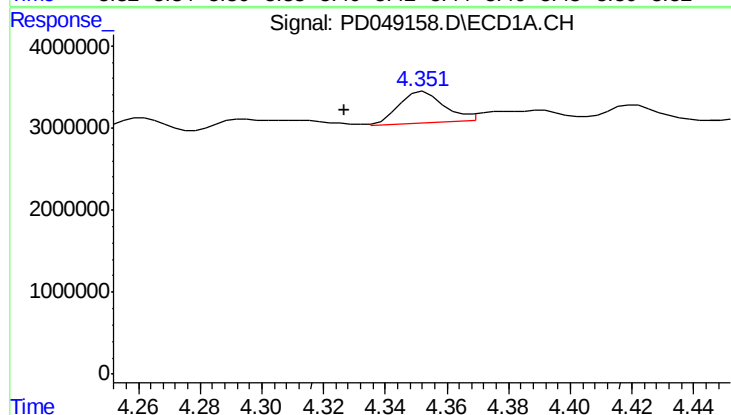
R.T.: 0.000 min  
Exp R.T.: 4.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



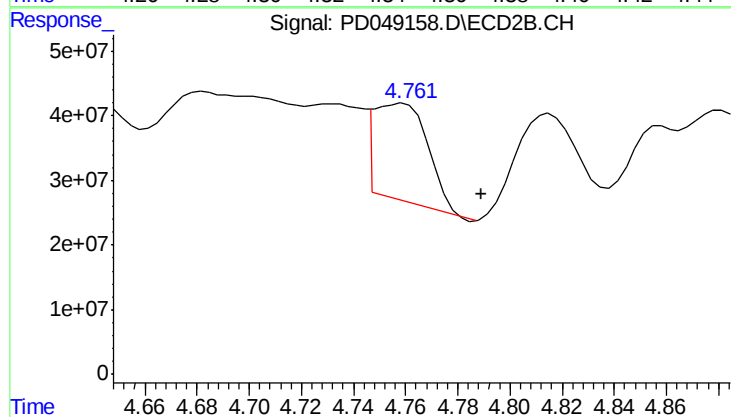
#5 Aldrin

R.T.: 5.439 min  
Delta R.T.: -0.006 min  
Response: 16518621  
Conc: 0.66 ng/ml



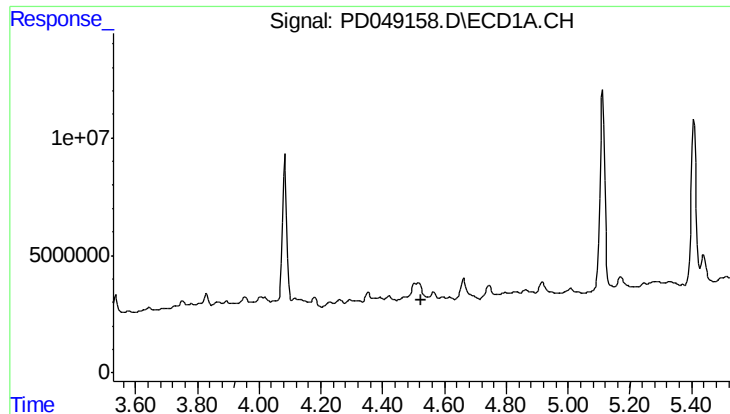
#6 beta-BHC

R.T.: 4.353 min  
Delta R.T.: 0.026 min  
Response: 3854521  
Conc: 5.19 ng/ml



#6 beta-BHC

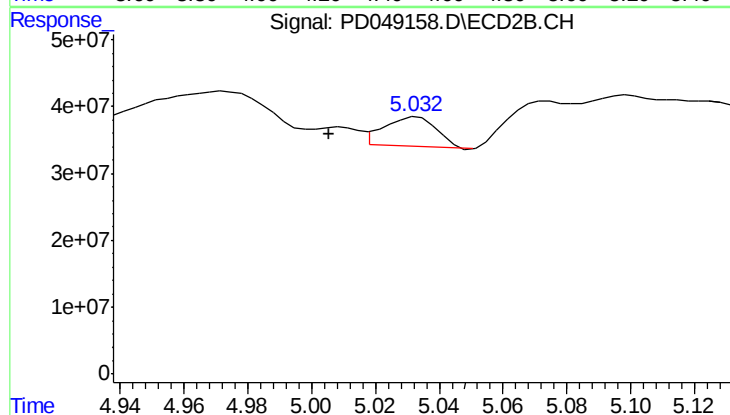
R.T.: 4.758 min  
Delta R.T.: -0.031 min  
Response: 219984254  
Conc: 20.97 ng/ml



#7 delta-BHC

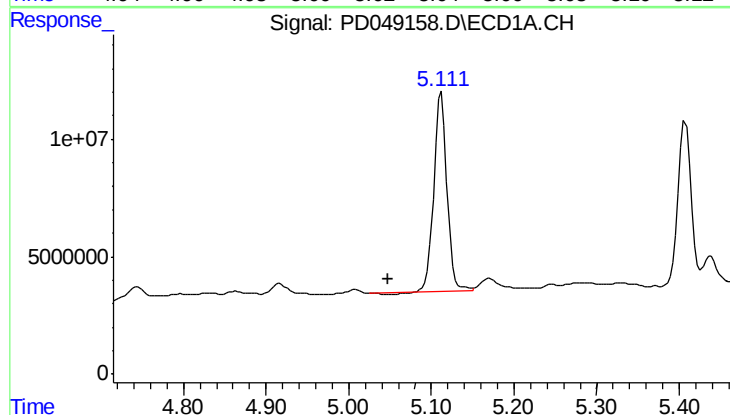
R.T.: 0.000 min  
Exp R.T.: 4.526 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



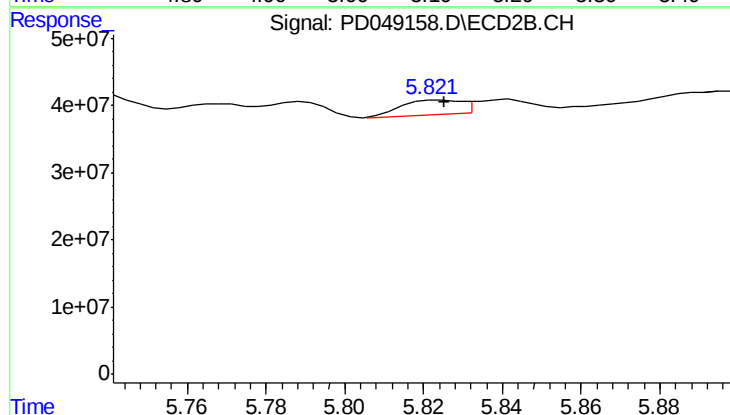
#7 delta-BHC

R.T.: 5.033 min  
Delta R.T.: 0.028 min  
Response: 51706040  
Conc: 2.28 ng/ml



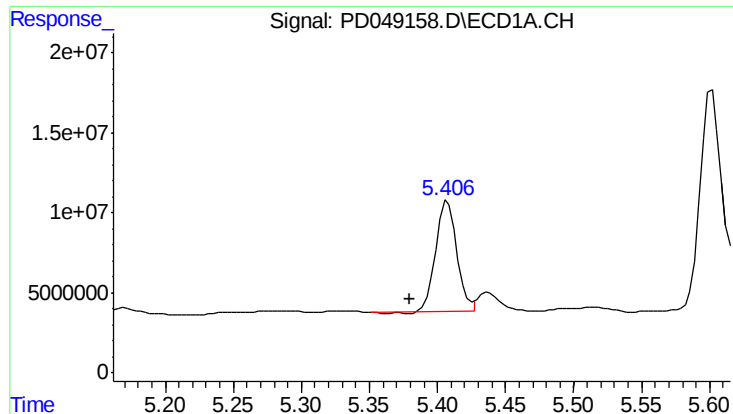
#8 Heptachlor epoxide

R.T.: 5.112 min  
Delta R.T.: 0.064 min  
Response: 91802649  
Conc: 57.73 ng/ml



#8 Heptachlor epoxide

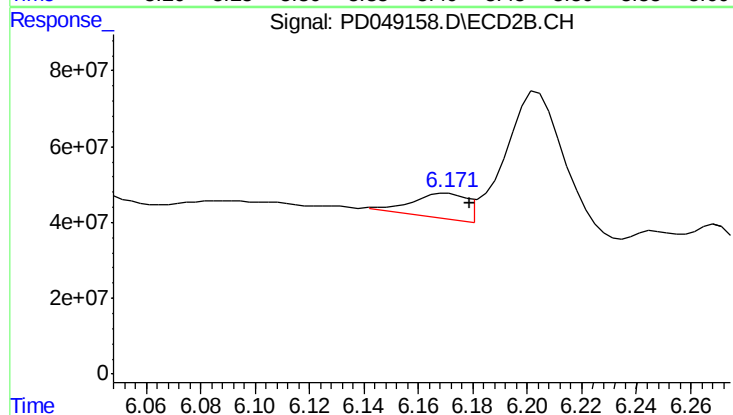
R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 22640341  
Conc: 1.04 ng/ml



#9 Endosulfan I

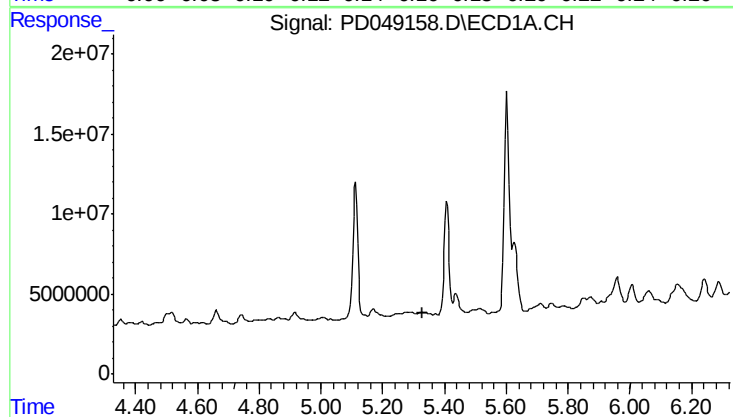
R.T.: 5.408 min  
Delta R.T.: 0.028 min  
Response: 73250059  
Conc: 47.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



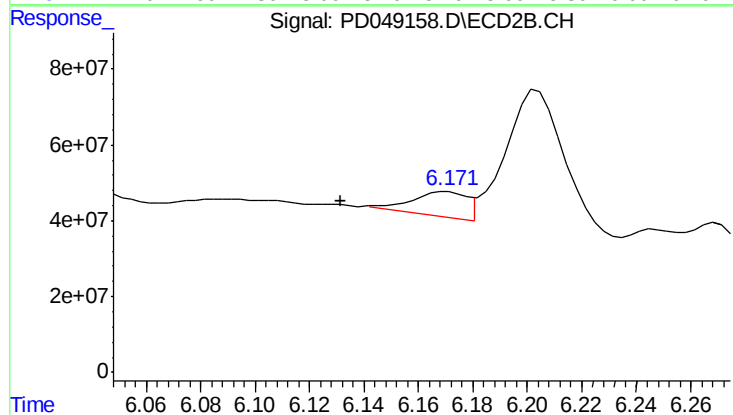
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: -0.008 min  
Response: 88322030  
Conc: 4.12 ng/ml



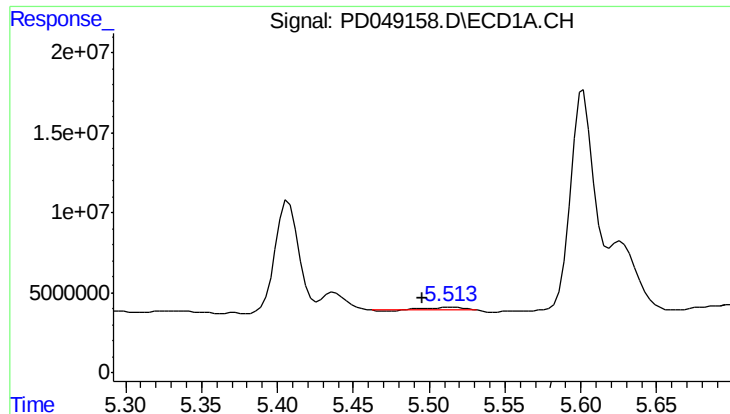
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.328 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

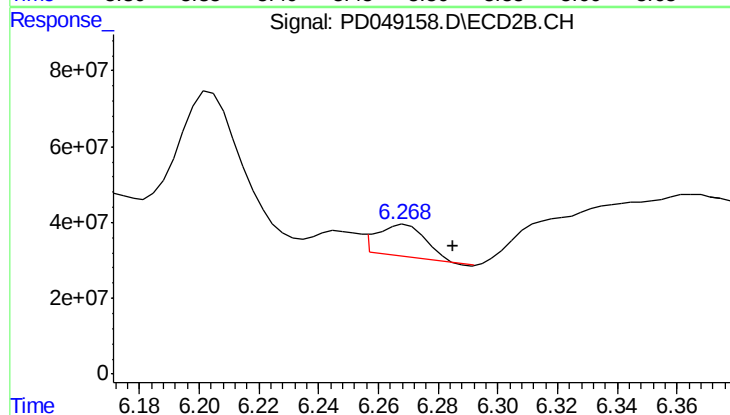
R.T.: 6.171 min  
Delta R.T.: 0.039 min  
Response: 88322030  
Conc: 3.85 ng/ml



#12 4,4'-DDE

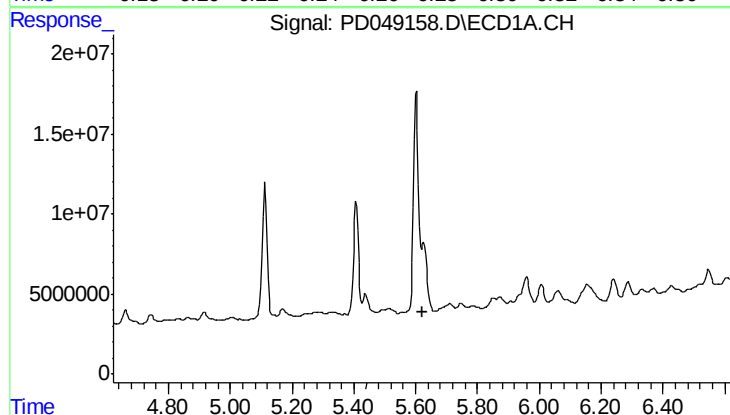
R.T.: 5.514 min  
Delta R.T.: 0.019 min  
Response: 2608818  
Conc: 1.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



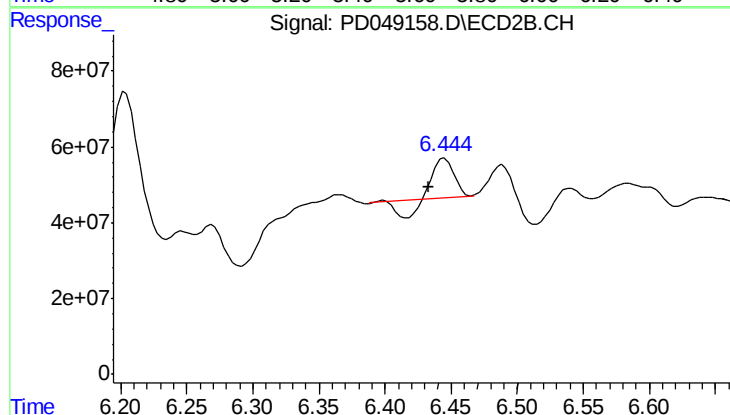
#12 4,4'-DDE

R.T.: 6.269 min  
Delta R.T.: -0.016 min  
Response: 95831972  
Conc: 4.73 ng/ml



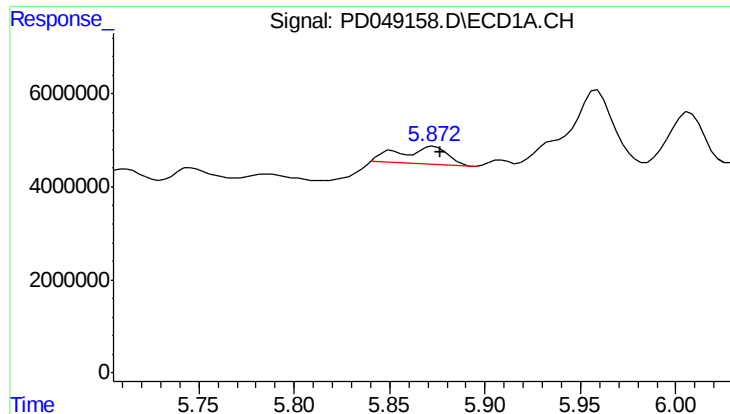
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.621 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

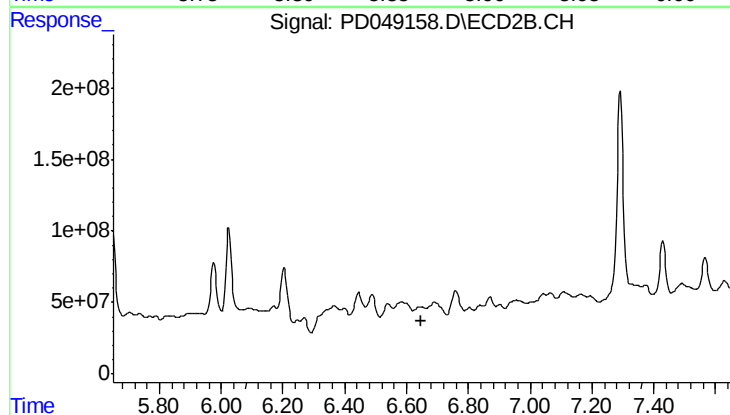
R.T.: 6.445 min  
Delta R.T.: 0.012 min  
Response: 69087179  
Conc: 3.12 ng/ml



#14 Endrin

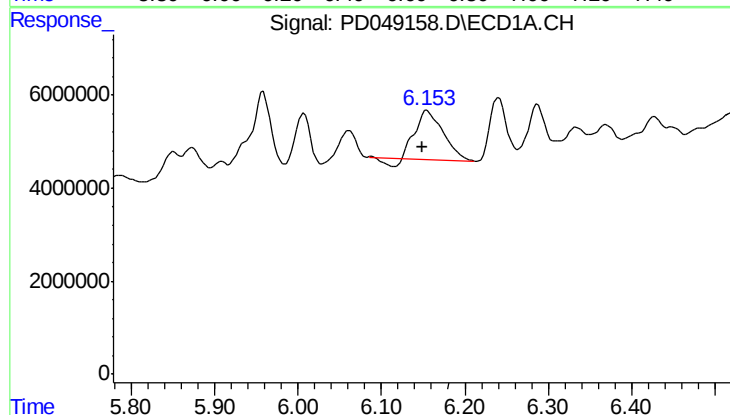
R.T.: 5.873 min  
Delta R.T.: -0.003 min  
Response: 6763648  
Conc: 4.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



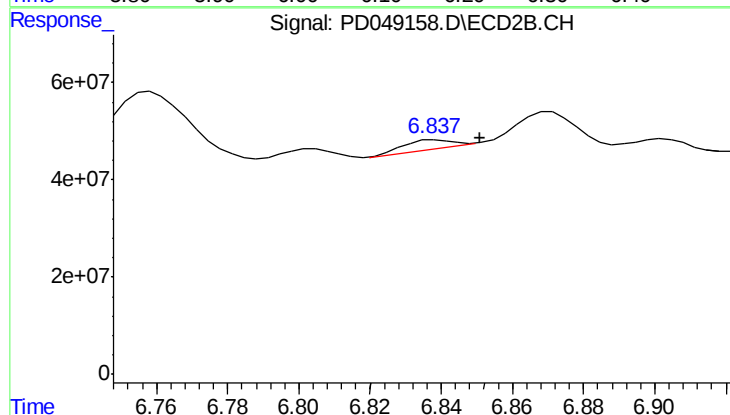
#14 Endrin

R.T.: 6.645 min  
Delta R.T.: -0.003 min  
Response: -48670344  
Conc: N.D.



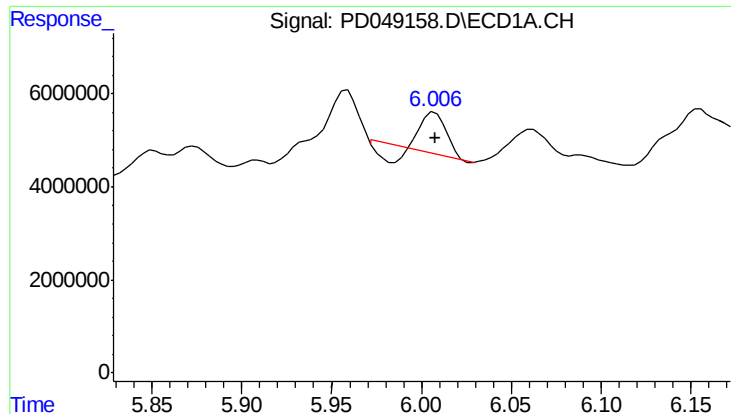
#15 Endosulfan II

R.T.: 6.155 min  
Delta R.T.: 0.006 min  
Response: 23314456  
Conc: 15.44 ng/ml



#15 Endosulfan II

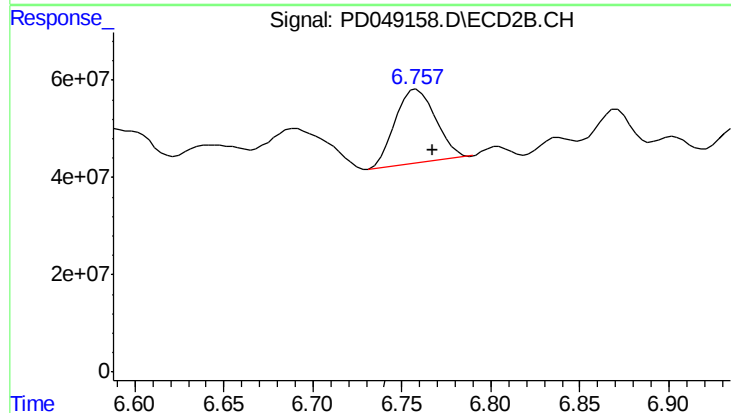
R.T.: 6.839 min  
Delta R.T.: -0.012 min  
Response: 17484930  
Conc: 0.92 ng/ml



#16 4,4'-DDD

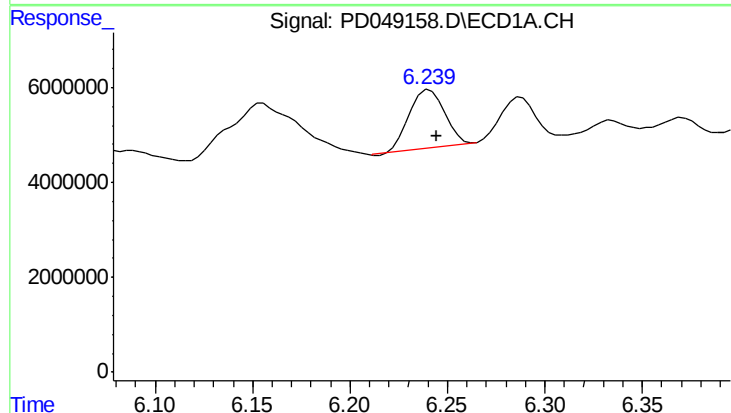
R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 5448425  
Conc: 3.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



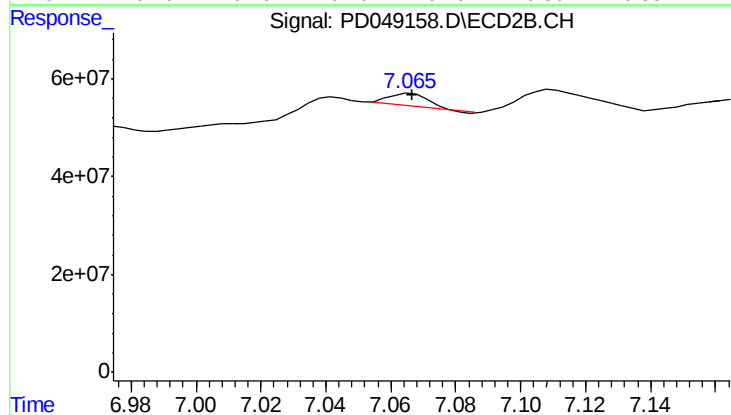
#16 4,4'-DDD

R.T.: 6.758 min  
Delta R.T.: -0.009 min  
Response: 237744311  
Conc: 15.68 ng/ml



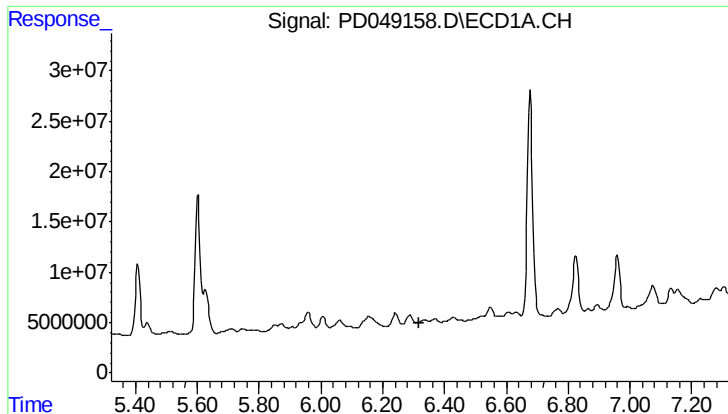
#17 4,4'-DDT

R.T.: 6.241 min  
Delta R.T.: -0.003 min  
Response: 15211104  
Conc: 10.30 ng/ml



#17 4,4'-DDT

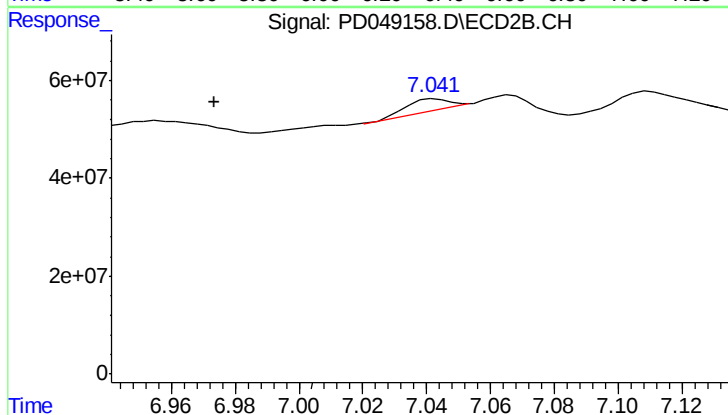
R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 22971122  
Conc: 1.42 ng/ml



#18 Endrin aldehyde

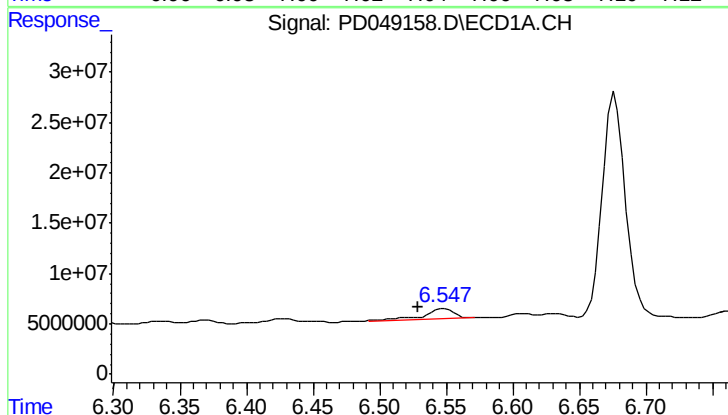
R.T.: 6.334 min  
Delta R.T.: 0.015 min  
Response: -5188258  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



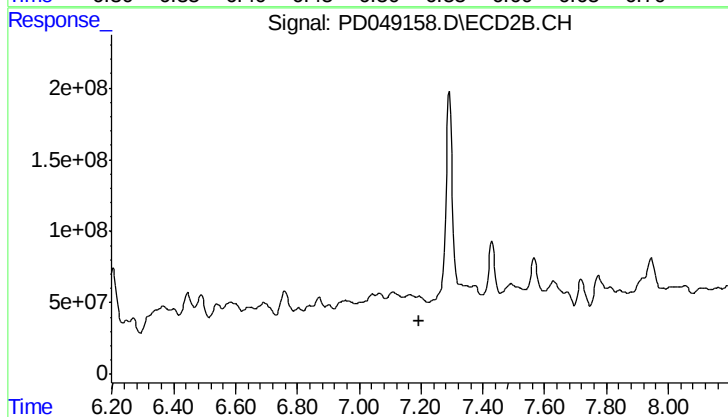
#18 Endrin aldehyde

R.T.: 7.043 min  
Delta R.T.: 0.070 min  
Response: 21813048  
Conc: 1.47 ng/ml



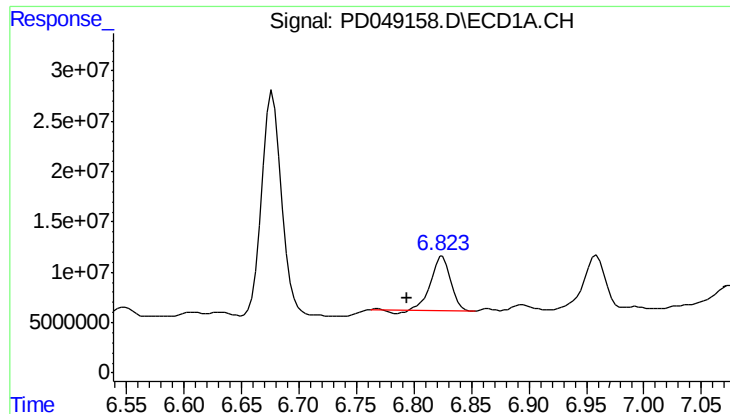
#19 Endosulfan Sulfate

R.T.: 6.548 min  
Delta R.T.: 0.019 min  
Response: 14589160  
Conc: 10.60 ng/ml



#19 Endosulfan Sulfate

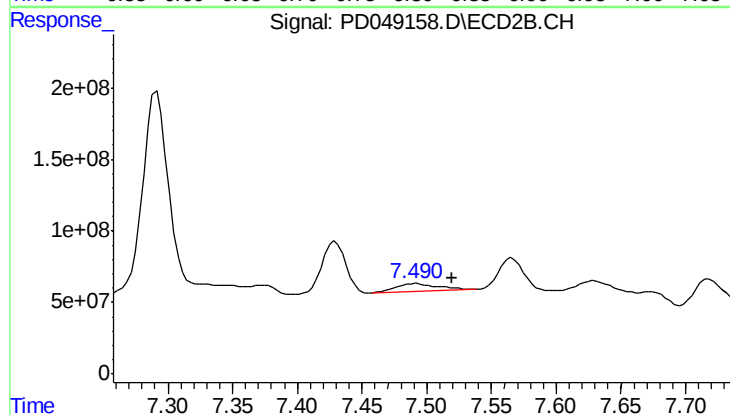
R.T.: 0.000 min  
Exp R.T.: 7.195 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

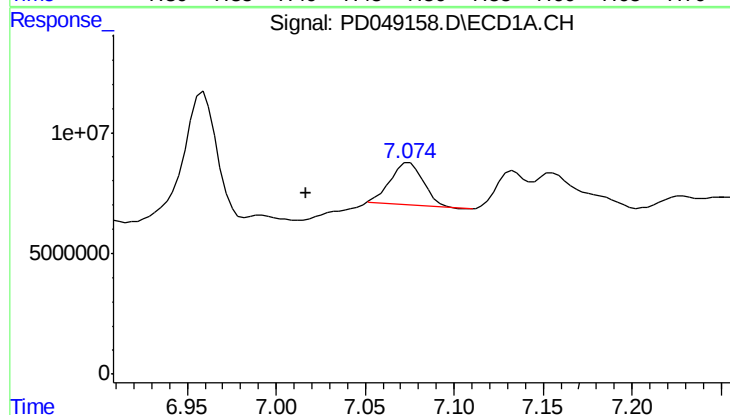
R.T.: 6.825 min  
Delta R.T.: 0.030 min  
Response: 66413243  
Conc: 85.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



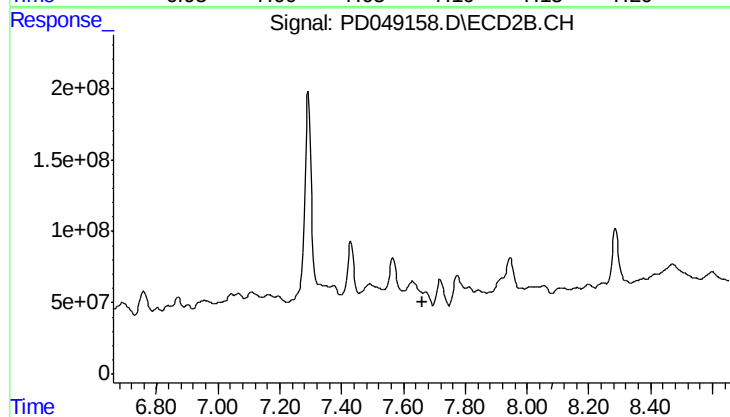
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: -0.028 min  
Response: 132847441  
Conc: 19.41 ng/ml



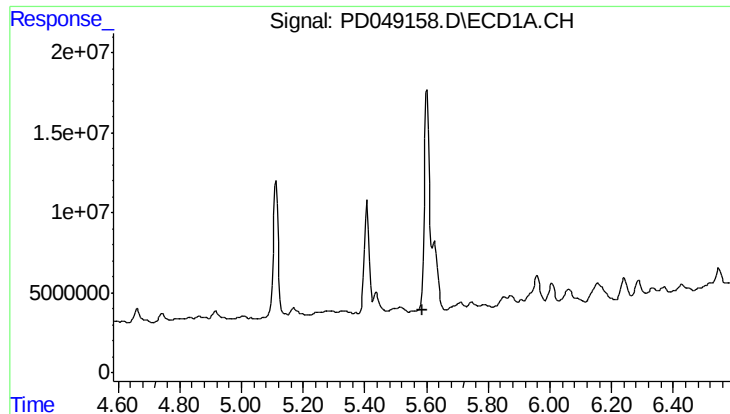
#21 Endrin ketone

R.T.: 7.075 min  
Delta R.T.: 0.058 min  
Response: 22510500  
Conc: 13.41 ng/ml



#21 Endrin ketone

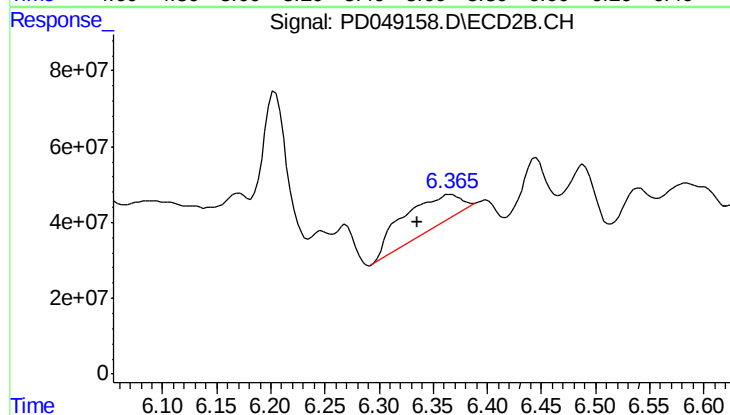
R.T.: 7.674 min  
Delta R.T.: 0.014 min  
Response: -24724622  
Conc: N.D.



#22 Toxaphene-1

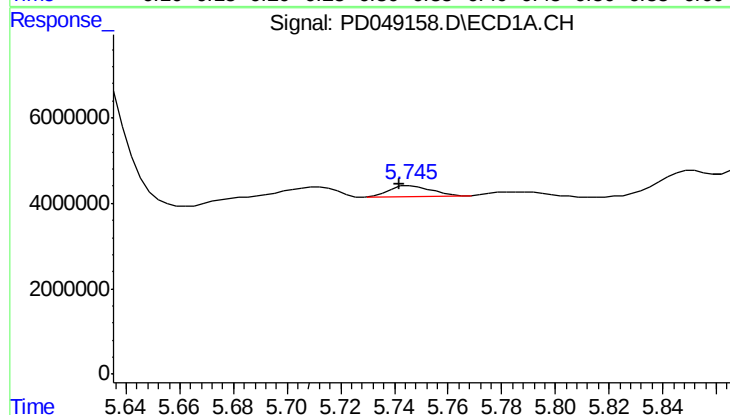
R.T.: 0.000 min  
Exp R.T.: 5.585 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



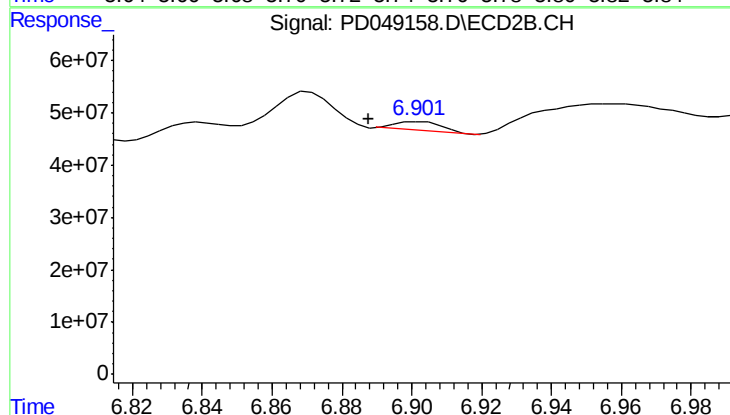
#22 Toxaphene-1

R.T.: 6.366 min  
Delta R.T.: 0.031 min  
Response: 303017946  
Conc: 3080.76 ng/ml



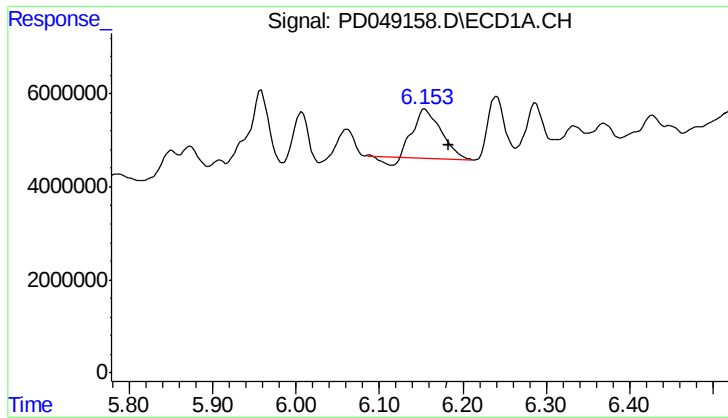
#23 Toxaphene-2

R.T.: 5.747 min  
Delta R.T.: 0.005 min  
Response: 2751155  
Conc: 268.15 ng/ml



#23 Toxaphene-2

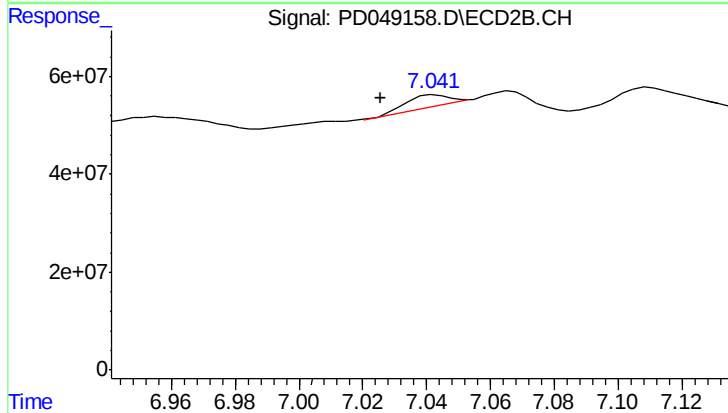
R.T.: 6.902 min  
Delta R.T.: 0.015 min  
Response: 15853662  
Conc: 26.48 ng/ml



#24 Toxaphene-3

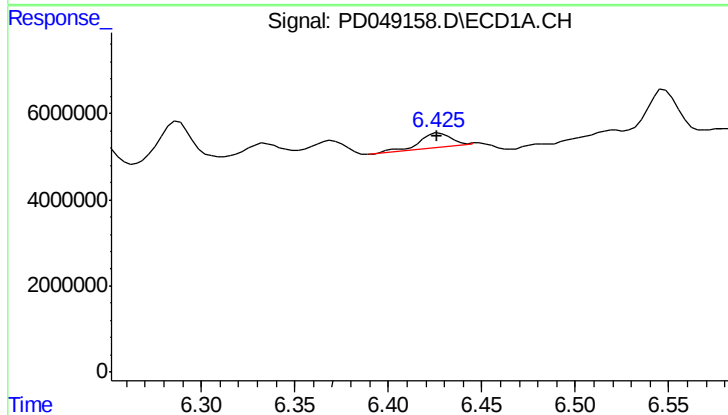
R.T.: 6.155 min  
Delta R.T.: -0.027 min  
Response: 23314456  
Conc: 886.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



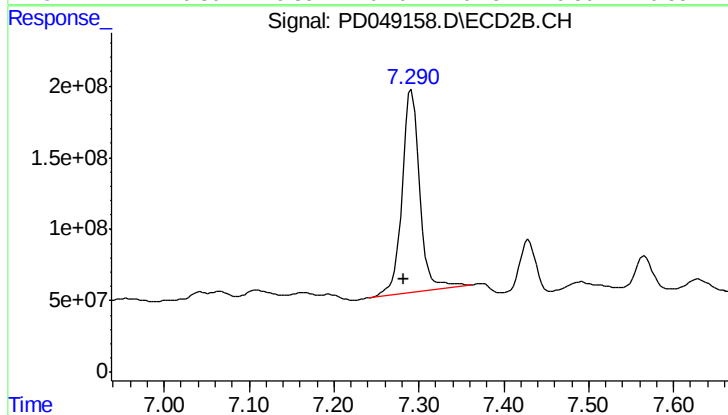
#24 Toxaphene-3

R.T.: 7.043 min  
Delta R.T.: 0.017 min  
Response: 21813048  
Conc: 118.11 ng/ml



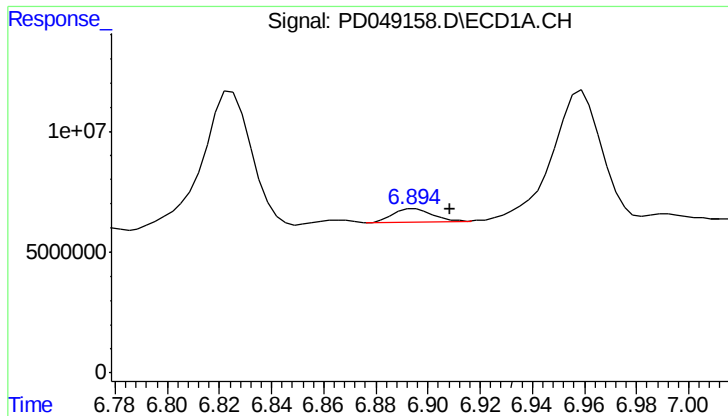
#25 Toxaphene-4

R.T.: 6.428 min  
Delta R.T.: 0.002 min  
Response: 3586315  
Conc: 126.95 ng/ml



#25 Toxaphene-4

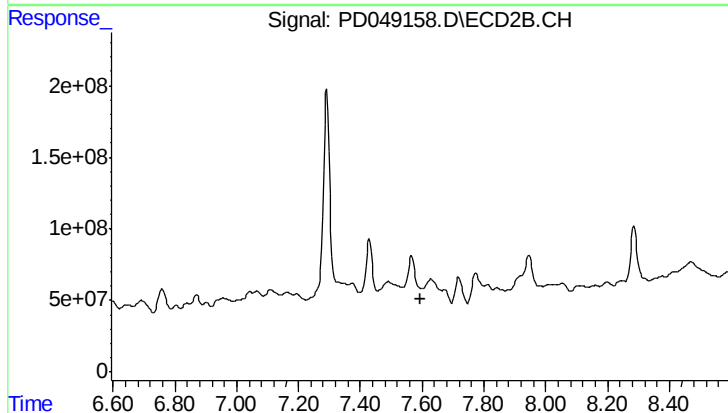
R.T.: 7.292 min  
Delta R.T.: 0.010 min  
Response: 2059041545  
Conc: 17547.47 ng/ml



#26 Toxaphene-5

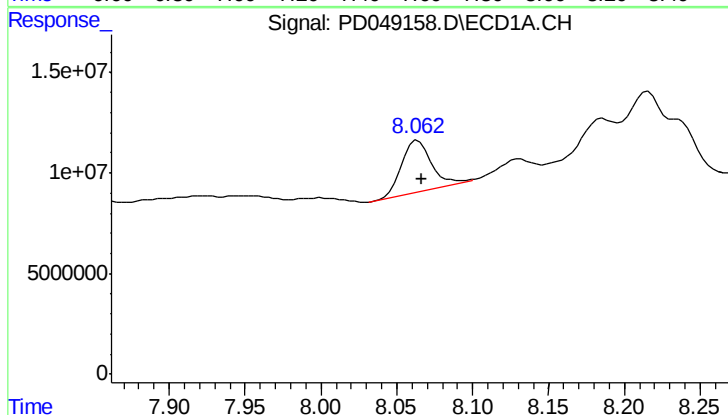
R.T.: 6.895 min  
Delta R.T.: -0.013 min  
Response: 5644887  
Conc: 166.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
A3YZ3



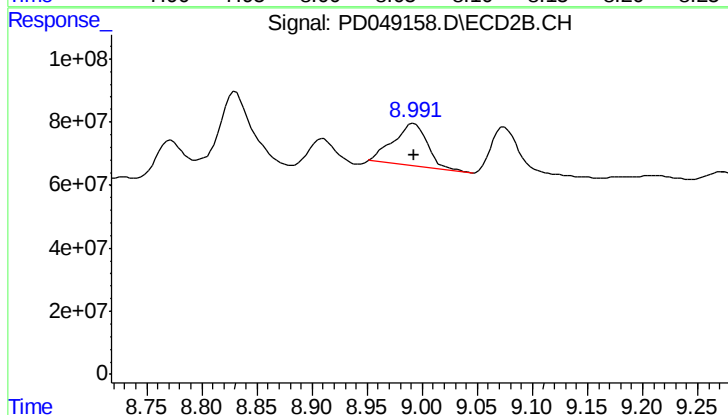
#26 Toxaphene-5

R.T.: 7.630 min  
Delta R.T.: 0.037 min  
Response: -126460906  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.002 min  
Response: 35962936  
Conc: 24.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.993 min  
Delta R.T.: 0.000 min  
Response: 290501737  
Conc: 17.95 ng/ml