

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
 Data File : PD089347.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 13:11  
 Operator : AR\AJ  
 Sample : Q2487-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 G2(6-12)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:23:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.550  | 2.881  | 40342507 | 624.9E6  | 14.140 | 36.860 # |
| 28)                         | SA Decachlor... | 9.072  | 8.071  | 33717266 | 138.5E6  | 8.585  | 7.006    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.378f | 0        | 105.0E6  | N.D.   | 3.917 #  |
| 3)                          | MA gamma-BHC... | 4.300f | 3.732  | 11046042 | 7432934  | 1.979  | 0.300 #  |
| 4)                          | MA Heptachlor   | 4.943  | 4.107f | 1736993  | 5374191  | 0.319  | 0.215 #  |
| 5)                          | MB Aldrin       | 5.253f | 4.365  | 583407   | 6756243  | 0.110  | 0.279 #  |
| 6)                          | B beta-BHC      | 4.490f | 4.041f | 1297024  | 4618496  | 0.588  | 0.430 #  |
| 7)                          | B delta-BHC     | 4.776  | 4.261  | 833750   | 3477824  | 0.162  | 0.140    |
| 8)                          | B Heptachlo...  | 5.686  | 0.000  | 1308847  | 0        | 0.271  | N.D. #   |
| 9)                          | A Endosulfan I  | 6.098f | 5.264f | 2843383  | 25622230 | 0.631  | 1.229 #  |
| 10)                         | B gamma-Chl...  | 5.974f | 5.135  | 1262561  | 22261971 | 0.264  | 0.931 #  |
| 11)                         | B alpha-Chl...  | 5.995f | 5.207f | 1676601  | 29471469 | 0.347  | 1.287 #  |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.386  | -250412  | 4788280  | N.D.   | 0.209    |
| 13)                         | MA Dieldrin     | 0.000  | 5.512  | 0        | 27736064 | N.D.   | 1.195 #  |
| 14)                         | MA Endrin       | 6.562  | 5.792  | 835246   | 5375661  | 0.202  | 0.248    |
| 15)                         | B Endosulfa...  | 6.776  | 6.080  | 1279451  | 16072446 | 0.317  | 0.796 #  |
| 16)                         | A 4,4'-DDD      | 6.691  | 5.931  | 1792004  | 3360018  | 0.522  | 0.176 #  |
| 17)                         | MA 4,4'-DDT     | 7.041f | 6.186  | 3385298  | 5066942  | 0.894  | 0.250 #  |
| 18)                         | B Endrin al...  | 6.929  | 6.245  | 1438924  | 5537444  | 0.470  | 0.362    |
| 19)                         | B Endosulfa...  | 0.000  | 6.494  | 0        | 2690008  | N.D.   | 0.137 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.736f | 0        | 1939810  | N.D.   | 0.180 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.995  | 0        | 1853731  | N.D.   | 0.086 #  |
| 22)                         | Mirex           | 8.110  | 7.169f | 1950602  | 3125987  | 0.642  | 0.187 #  |
| 23)                         | Chlordane-1     | 4.686f | 3.892  | 975213   | 15101646 | 4.557  | 16.199 # |
| 24)                         | Chlordane-2     | 5.253  | 4.469  | 583407   | 1038313  | 2.672  | 1.091 #  |
| 25)                         | Chlordane-3     | 5.974f | 5.135  | 1262561  | 22261971 | 1.464  | 7.495 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.207  | 0        | 29471469 | N.D.   | 11.757 # |
| 27)                         | Chlordane-5     | 6.861  | 6.080  | 705895   | 16072446 | 3.862  | 14.203 # |
| -----                       |                 |        |        |          |          |        |          |

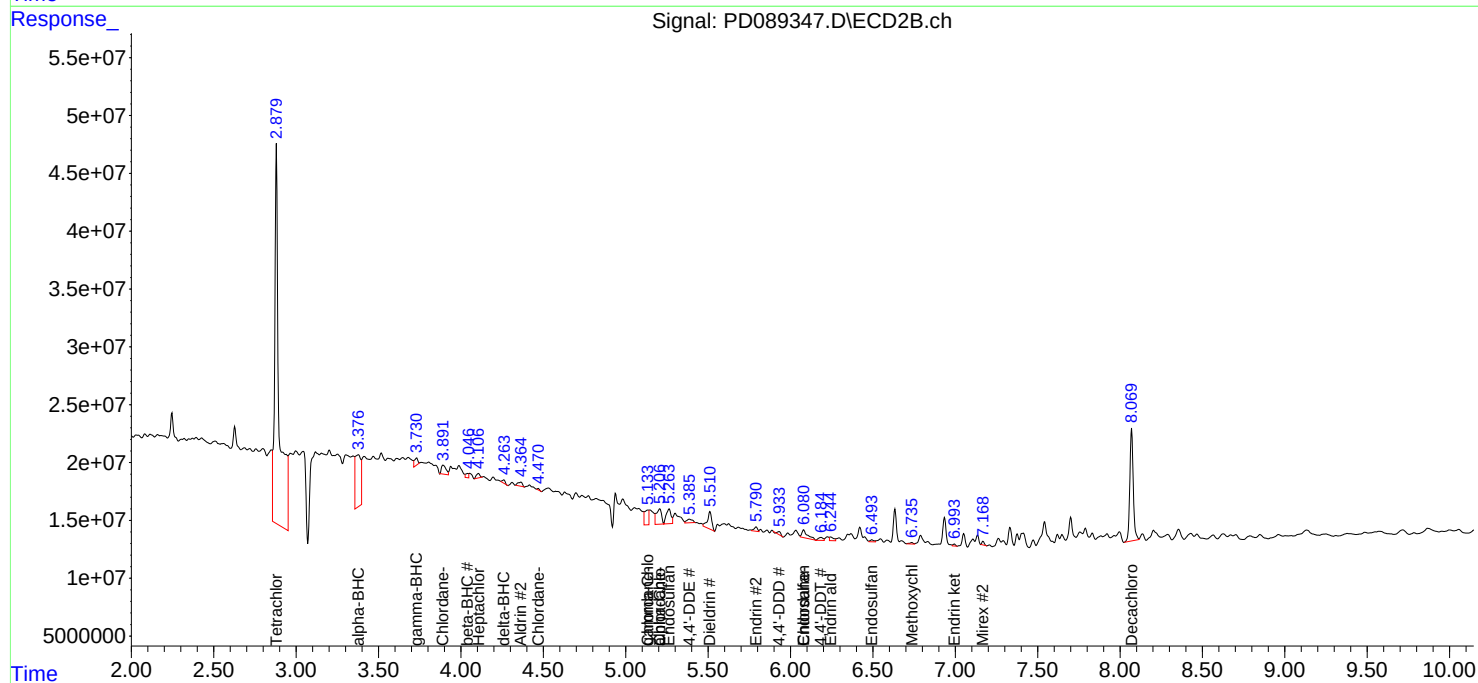
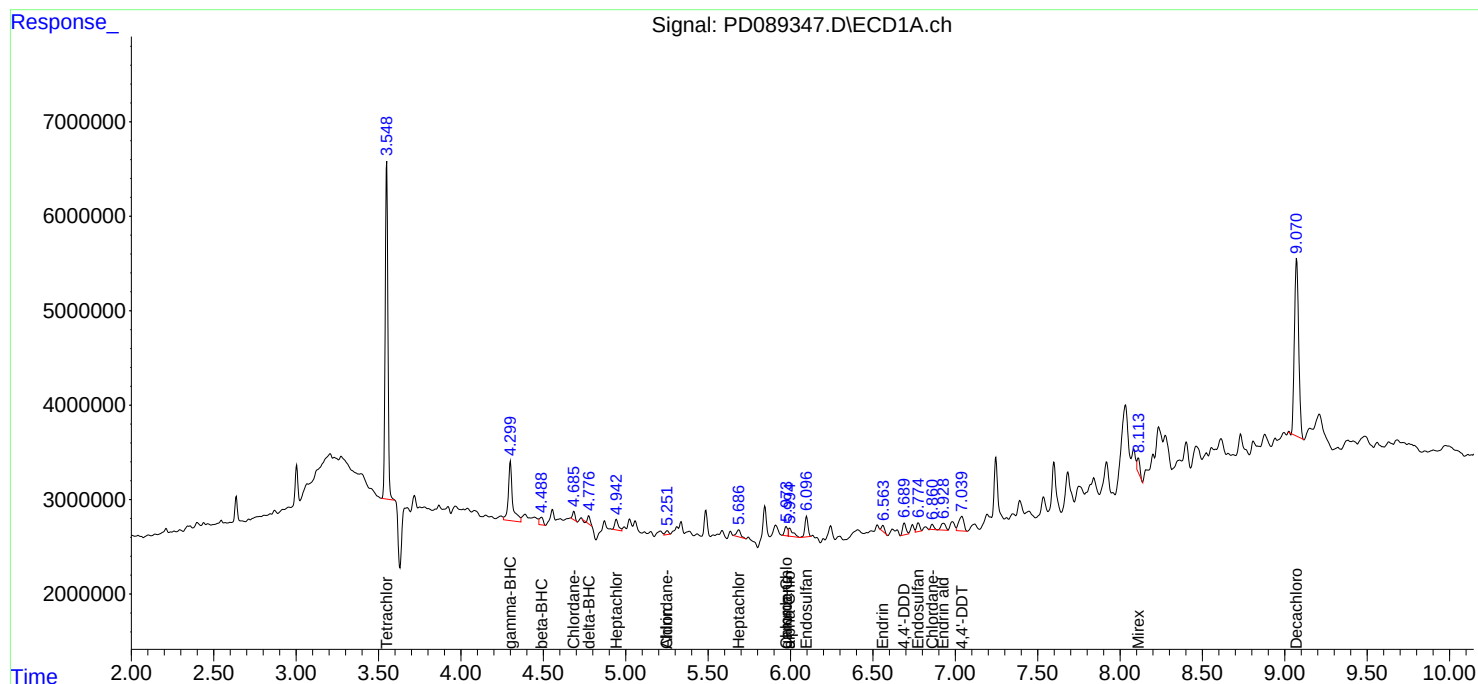
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

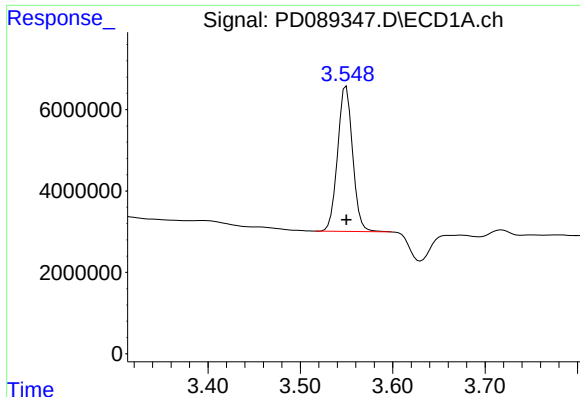
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089347.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 13:11  
Operator : AR\AJ  
Sample : Q2487-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:23:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

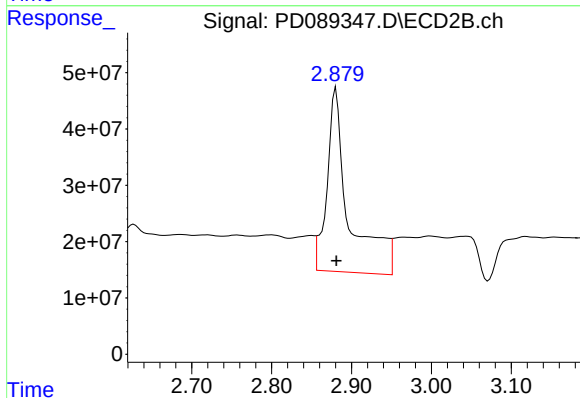




#1 Tetrachloro-m-xylene

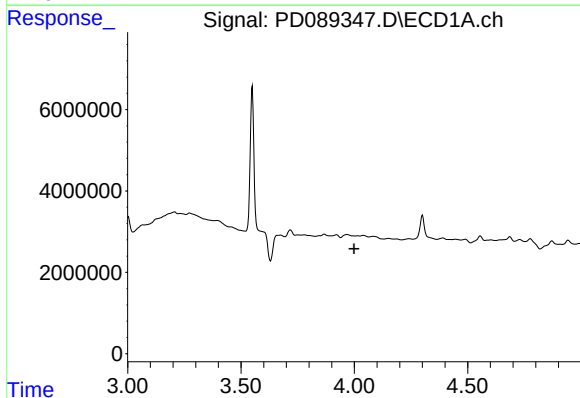
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 40342507  
Conc: 14.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



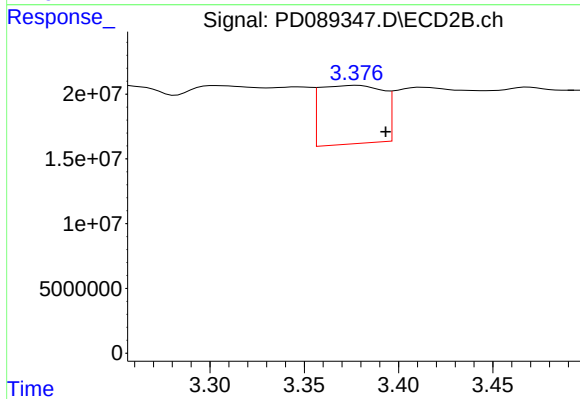
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 624894824  
Conc: 36.86 ng/ml



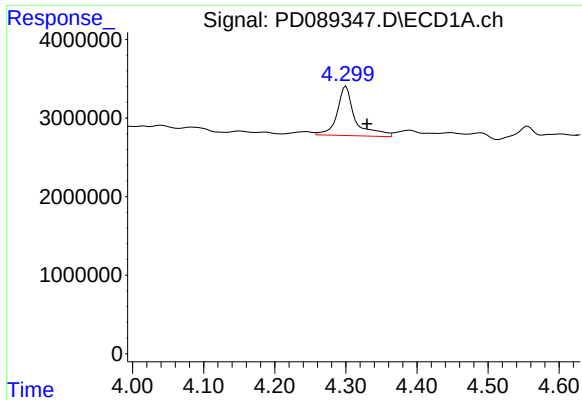
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.999 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

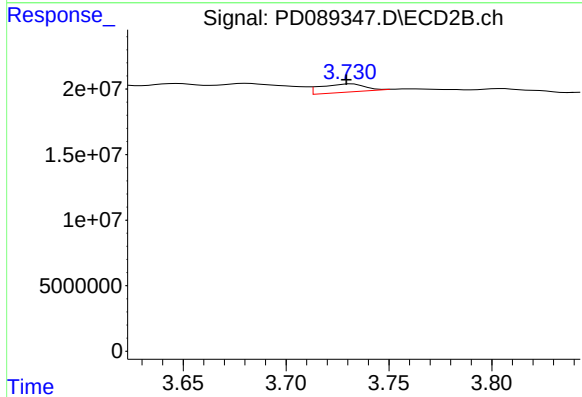
R.T.: 3.378 min  
Delta R.T.: -0.015 min  
Response: 104960495  
Conc: 3.92 ng/ml



#3 gamma-BHC (Lindane)

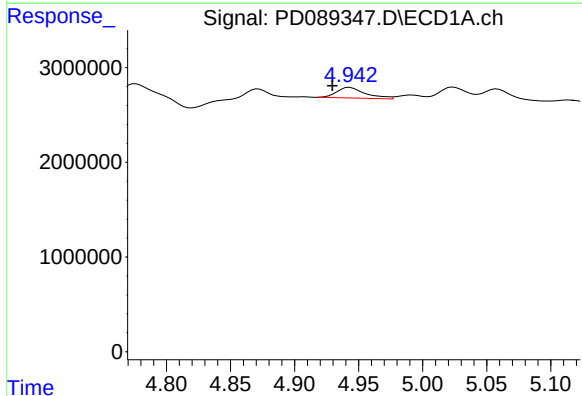
R.T.: 4.300 min  
Delta R.T.: -0.030 min  
Response: 11046042  
Conc: 1.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



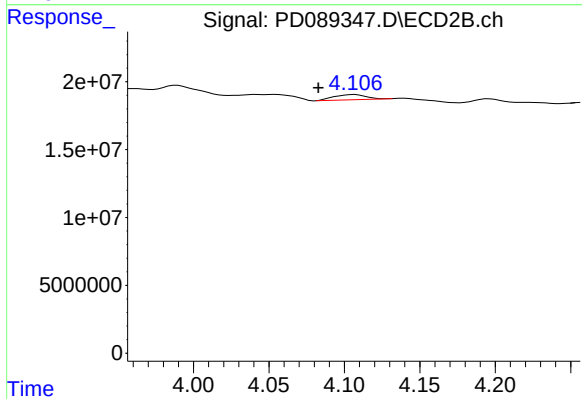
#3 gamma-BHC (Lindane)

R.T.: 3.732 min  
Delta R.T.: 0.003 min  
Response: 7432934  
Conc: 0.30 ng/ml



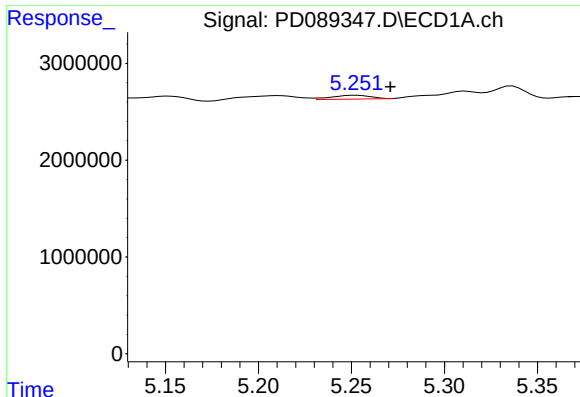
#4 Heptachlor

R.T.: 4.943 min  
Delta R.T.: 0.014 min  
Response: 1736993  
Conc: 0.32 ng/ml



#4 Heptachlor

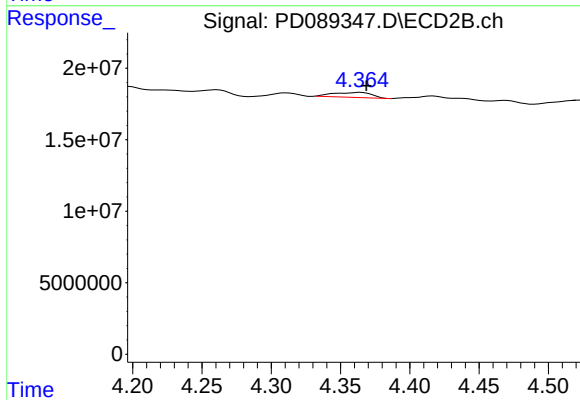
R.T.: 4.107 min  
Delta R.T.: 0.024 min  
Response: 5374191  
Conc: 0.21 ng/ml



#5 Aldrin

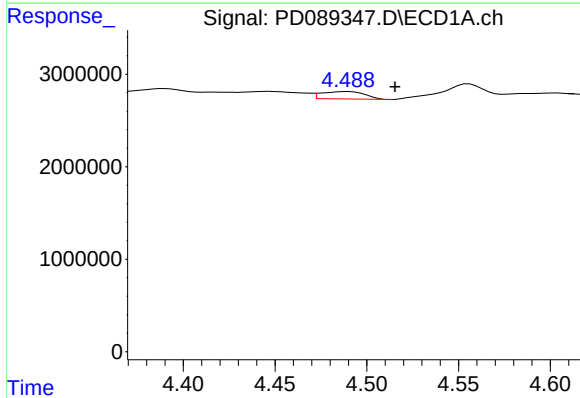
R.T.: 5.253 min  
Delta R.T.: -0.018 min  
Response: 583407  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



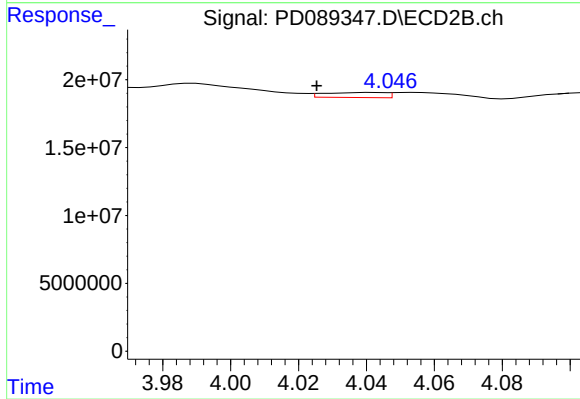
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: -0.004 min  
Response: 6756243  
Conc: 0.28 ng/ml



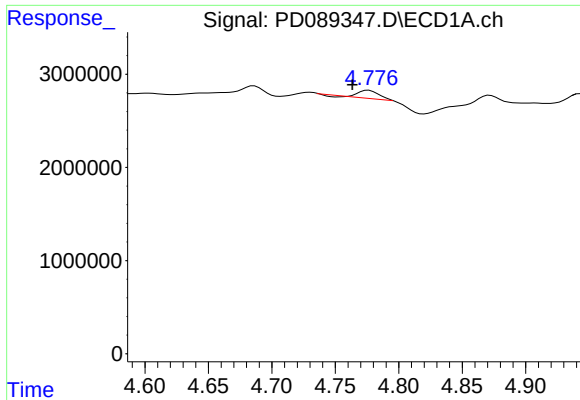
#6 beta-BHC

R.T.: 4.490 min  
Delta R.T.: -0.026 min  
Response: 1297024  
Conc: 0.59 ng/ml



#6 beta-BHC

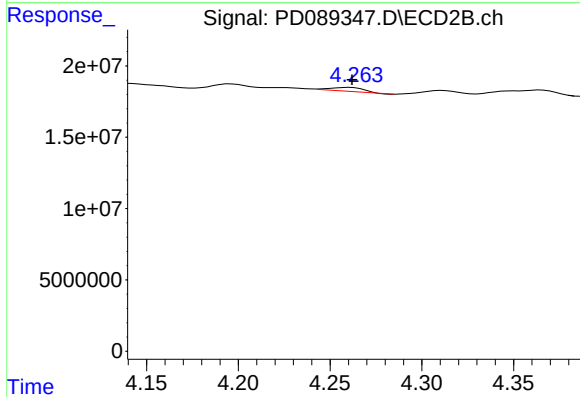
R.T.: 4.041 min  
Delta R.T.: 0.016 min  
Response: 4618496  
Conc: 0.43 ng/ml



#7 delta-BHC

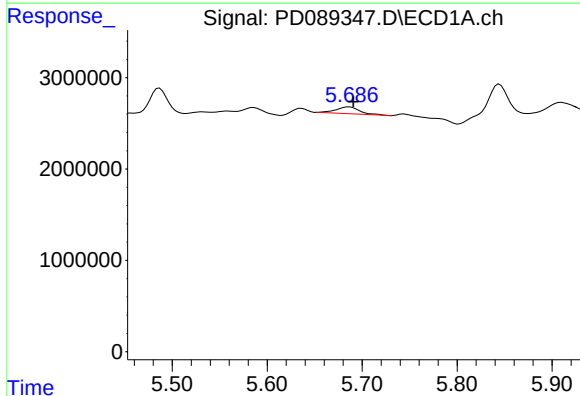
R.T.: 4.776 min  
Delta R.T.: 0.013 min  
Response: 833750  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



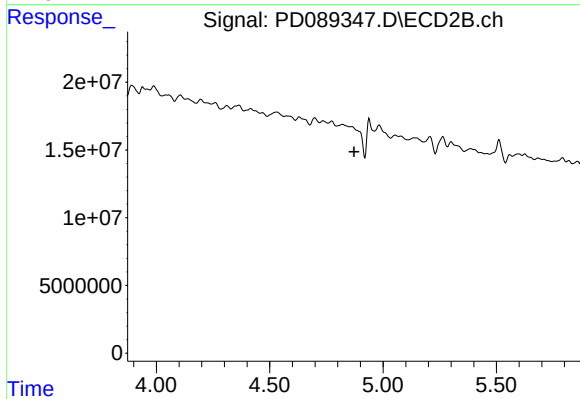
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: 0.000 min  
Response: 3477824  
Conc: 0.14 ng/ml



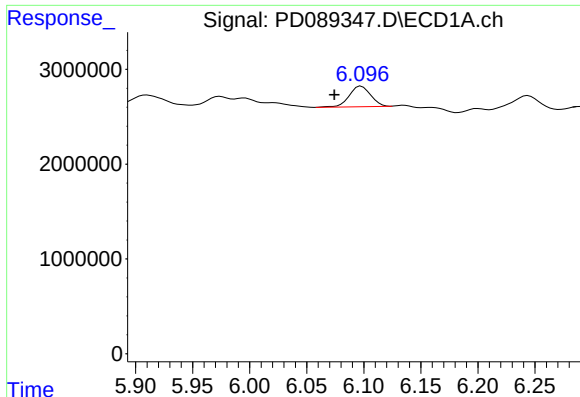
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.004 min  
Response: 1308847  
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

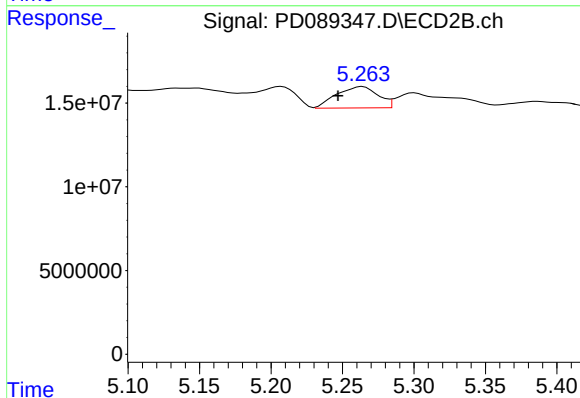
R.T.: 0.000 min  
Exp R.T. : 4.873 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

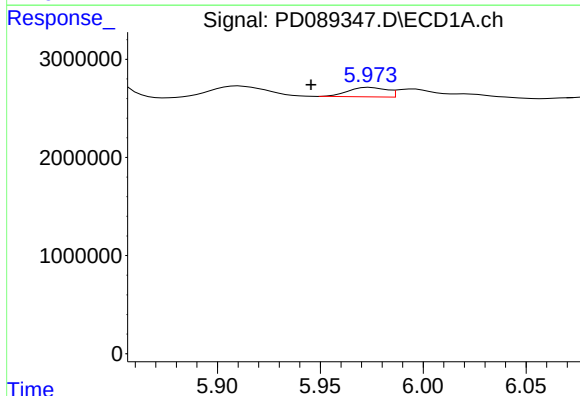
R.T.: 6.098 min  
Delta R.T.: 0.024 min  
Response: 2843383  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



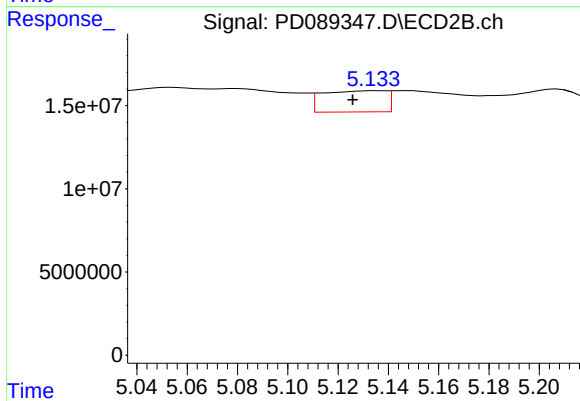
#9 Endosulfan I

R.T.: 5.264 min  
Delta R.T.: 0.017 min  
Response: 25622230  
Conc: 1.23 ng/ml



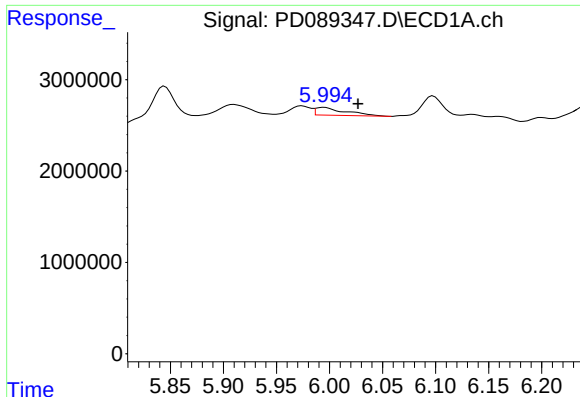
#10 gamma-Chlordane

R.T.: 5.974 min  
Delta R.T.: 0.029 min  
Response: 1262561  
Conc: 0.26 ng/ml



#10 gamma-Chlordane

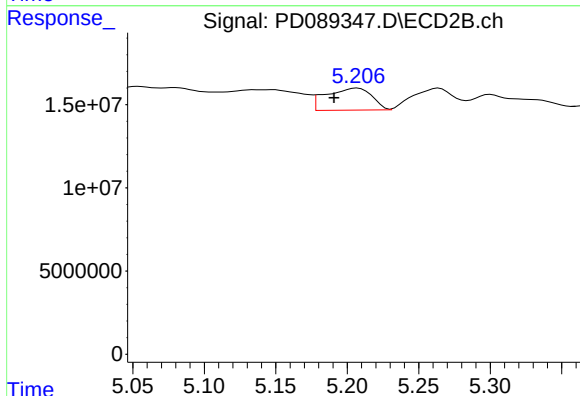
R.T.: 5.135 min  
Delta R.T.: 0.009 min  
Response: 22261971  
Conc: 0.93 ng/ml



#11 alpha-Chlordane

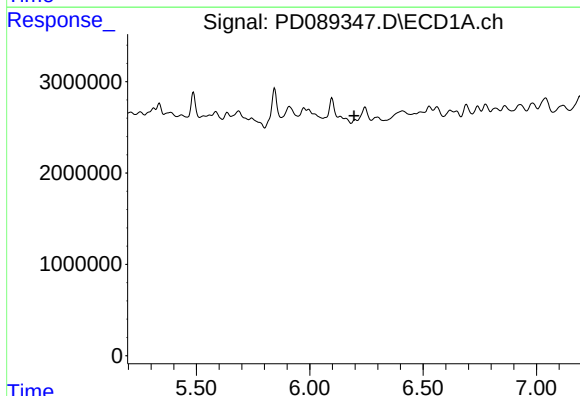
R.T.: 5.995 min  
Delta R.T.: -0.032 min  
Response: 1676601  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



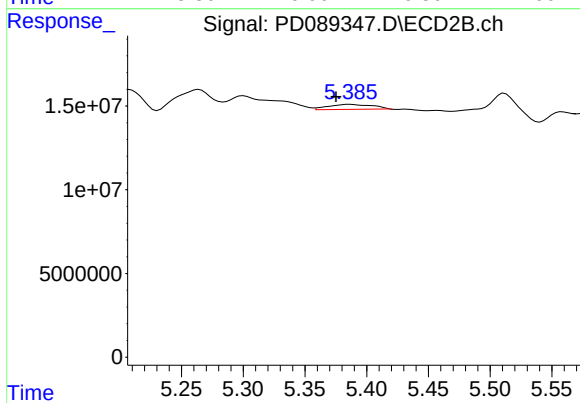
#11 alpha-Chlordane

R.T.: 5.207 min  
Delta R.T.: 0.017 min  
Response: 29471469  
Conc: 1.29 ng/ml



#12 4,4'-DDE

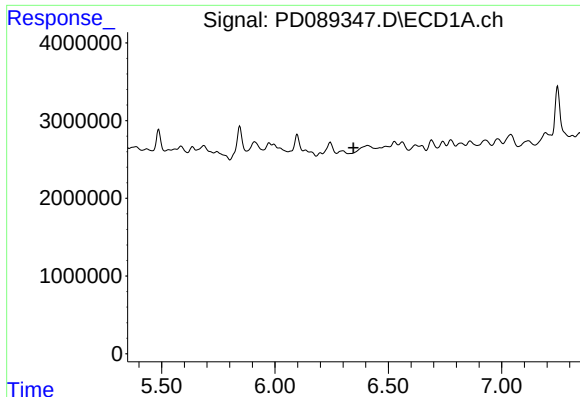
R.T.: 6.200 min  
Delta R.T.: 0.005 min  
Response: -250412  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.386 min  
Delta R.T.: 0.011 min  
Response: 4788280  
Conc: 0.21 ng/ml

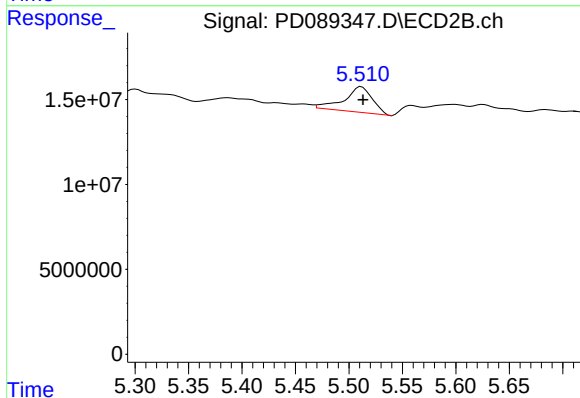




#13 Dieldrin

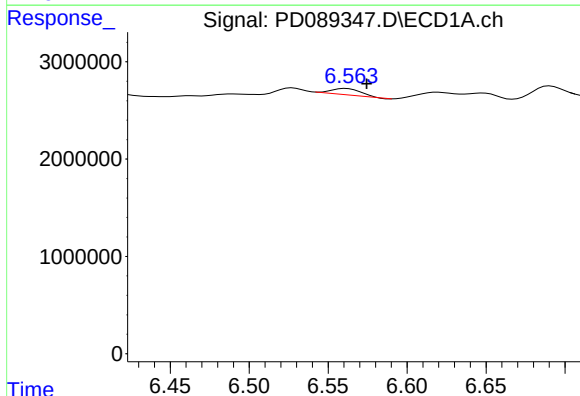
R.T.: 0.000 min  
Exp R.T.: 6.347 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



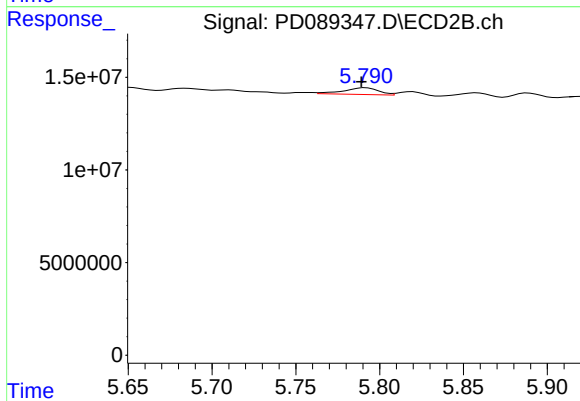
#13 Dieldrin

R.T.: 5.512 min  
Delta R.T.: -0.001 min  
Response: 27736064  
Conc: 1.20 ng/ml



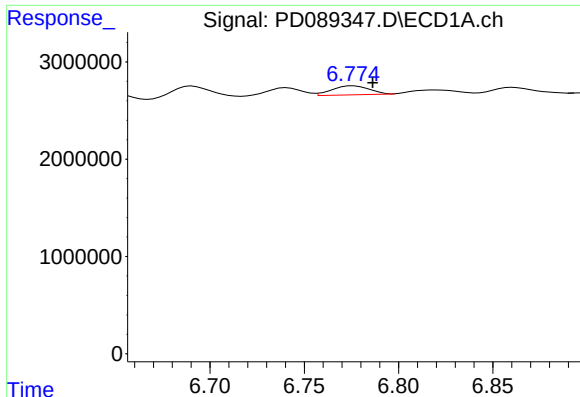
#14 Endrin

R.T.: 6.562 min  
Delta R.T.: -0.013 min  
Response: 835246  
Conc: 0.20 ng/ml



#14 Endrin

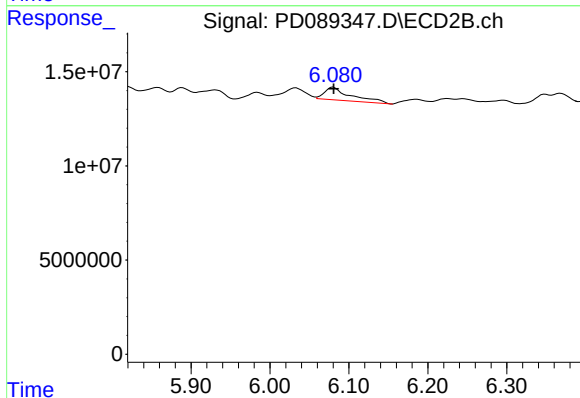
R.T.: 5.792 min  
Delta R.T.: 0.003 min  
Response: 5375661  
Conc: 0.25 ng/ml



#15 Endosulfan II

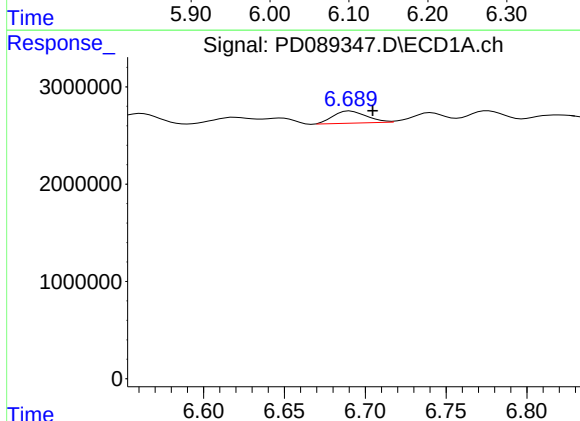
R.T.: 6.776 min  
Delta R.T.: -0.010 min  
Response: 1279451  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



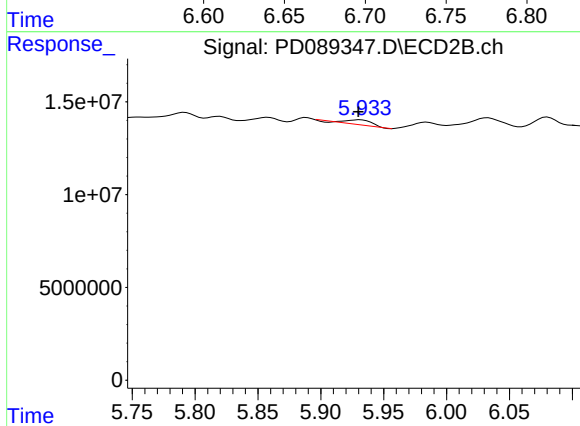
#15 Endosulfan II

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 16072446  
Conc: 0.80 ng/ml



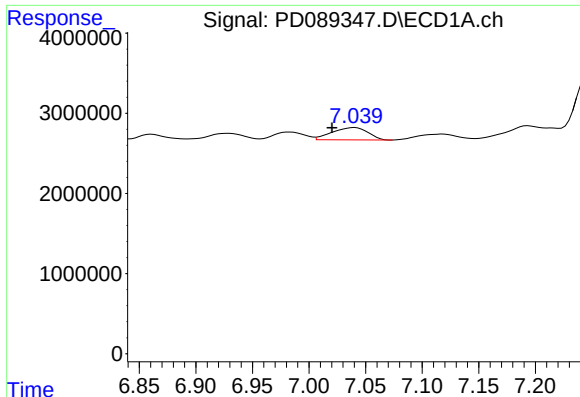
#16 4,4'-DDD

R.T.: 6.691 min  
Delta R.T.: -0.014 min  
Response: 1792004  
Conc: 0.52 ng/ml



#16 4,4'-DDD

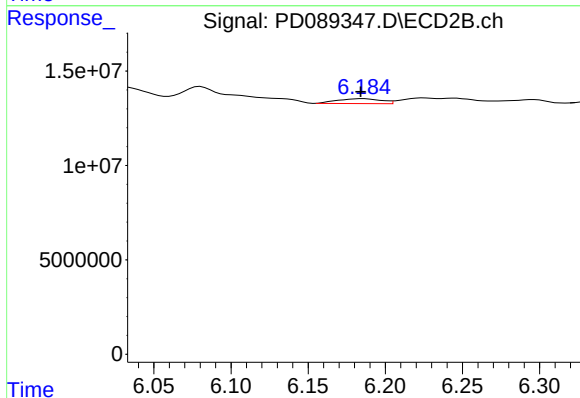
R.T.: 5.931 min  
Delta R.T.: 0.001 min  
Response: 3360018  
Conc: 0.18 ng/ml



#17 4,4'-DDT

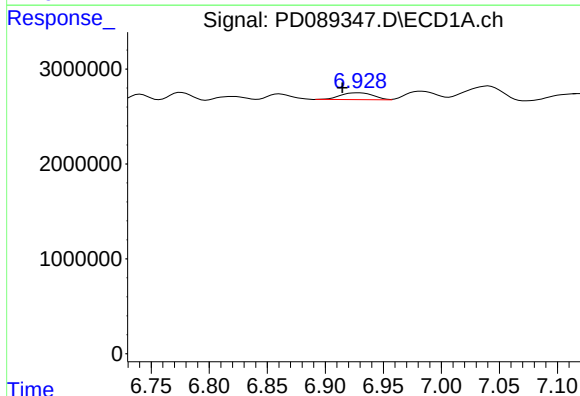
R.T.: 7.041 min  
Delta R.T.: 0.020 min  
Response: 3385298  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



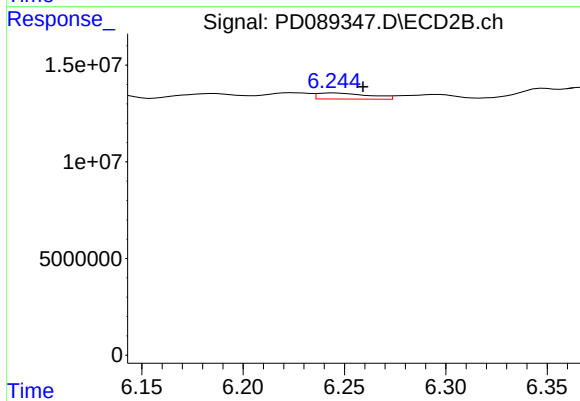
#17 4,4'-DDT

R.T.: 6.186 min  
Delta R.T.: 0.002 min  
Response: 5066942  
Conc: 0.25 ng/ml



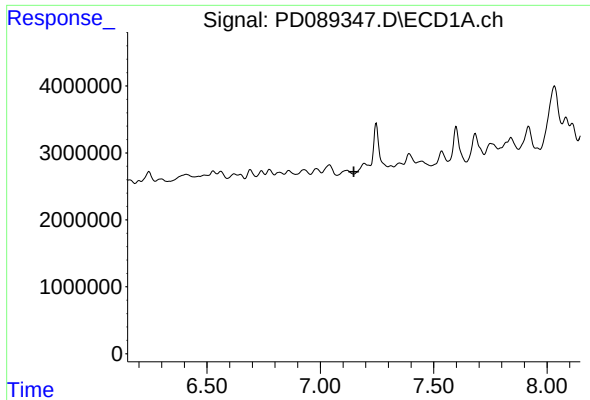
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.014 min  
Response: 1438924  
Conc: 0.47 ng/ml



#18 Endrin aldehyde

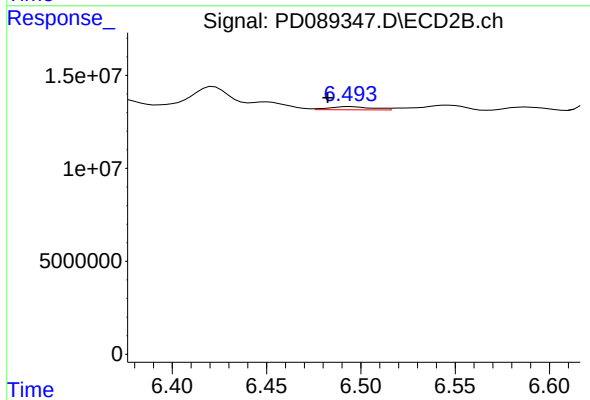
R.T.: 6.245 min  
Delta R.T.: -0.014 min  
Response: 5537444  
Conc: 0.36 ng/ml



#19 Endosulfan Sulfate

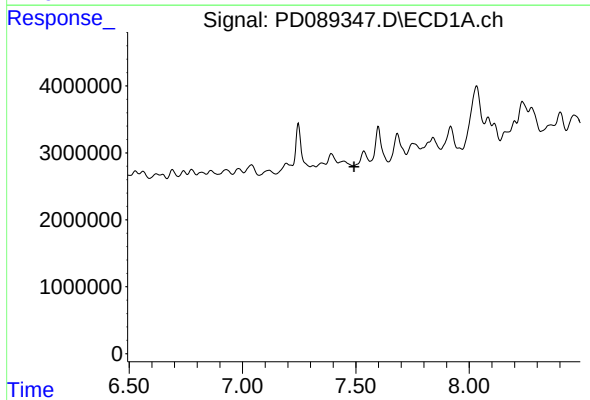
R.T.: 0.000 min  
Exp R.T.: 7.148 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



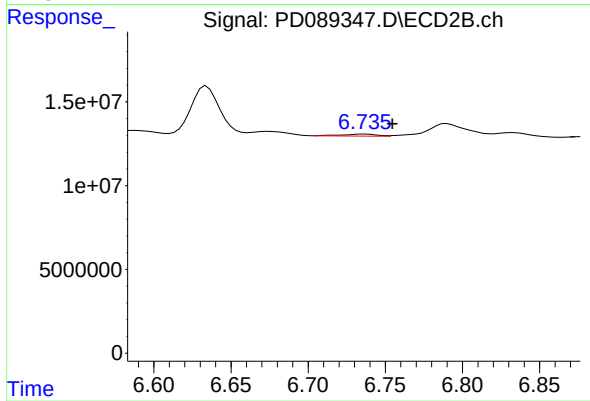
#19 Endosulfan Sulfate

R.T.: 6.494 min  
Delta R.T.: 0.012 min  
Response: 2690008  
Conc: 0.14 ng/ml



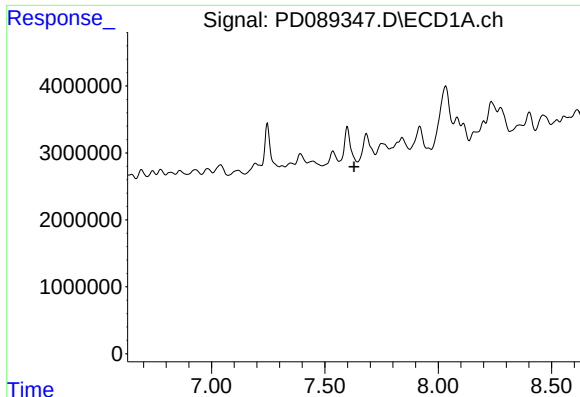
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.493 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

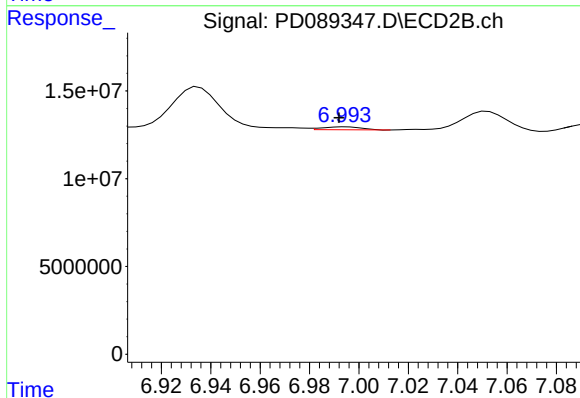
R.T.: 6.736 min  
Delta R.T.: -0.018 min  
Response: 1939810  
Conc: 0.18 ng/ml



#21 Endrin ketone

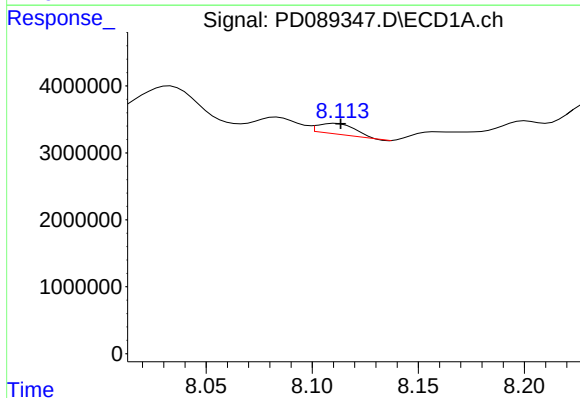
R.T.: 0.000 min  
Exp R.T.: 7.629 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



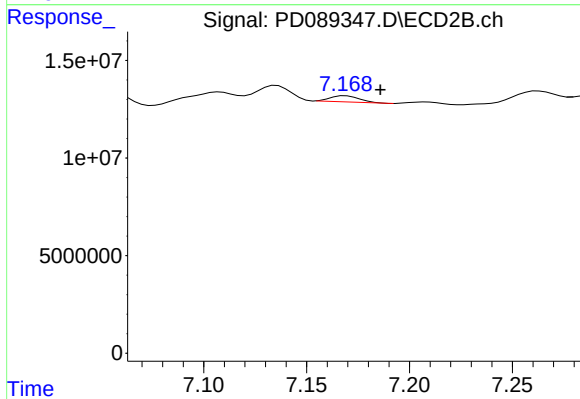
#21 Endrin ketone

R.T.: 6.995 min  
Delta R.T.: 0.002 min  
Response: 1853731  
Conc: 0.09 ng/ml



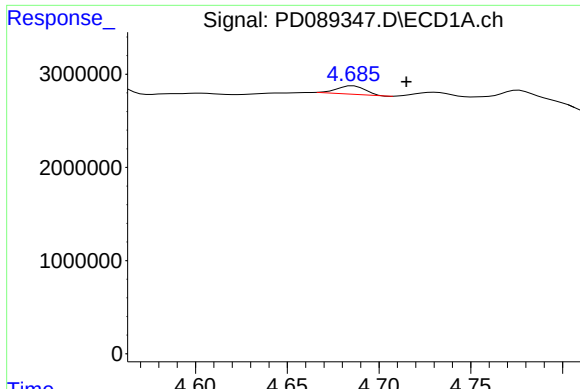
#22 Mirex

R.T.: 8.110 min  
Delta R.T.: -0.004 min  
Response: 1950602  
Conc: 0.64 ng/ml



#22 Mirex

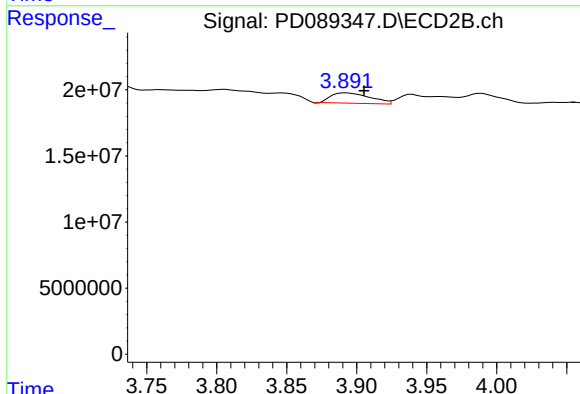
R.T.: 7.169 min  
Delta R.T.: -0.017 min  
Response: 3125987  
Conc: 0.19 ng/ml



#23 Chlordane-1

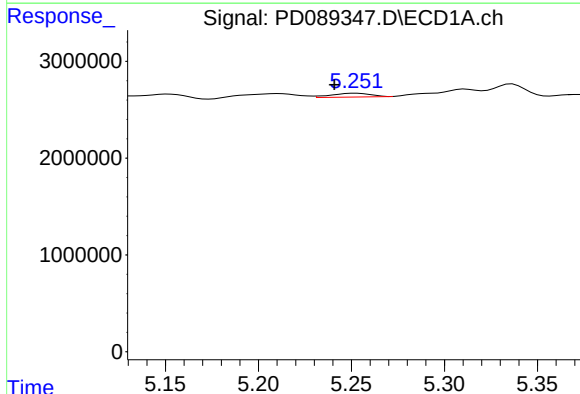
R.T.: 4.686 min  
Delta R.T.: -0.029 min  
Response: 975213  
Conc: 4.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



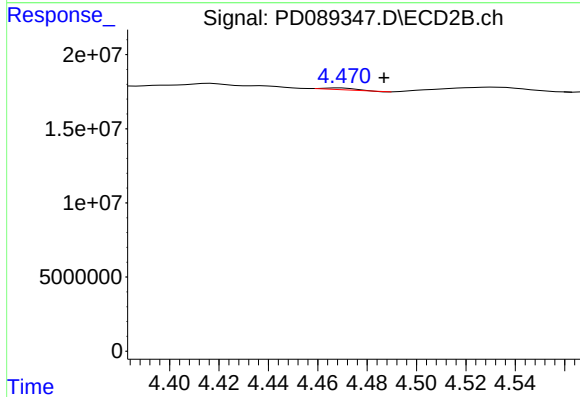
#23 Chlordane-1

R.T.: 3.892 min  
Delta R.T.: -0.013 min  
Response: 15101646  
Conc: 16.20 ng/ml



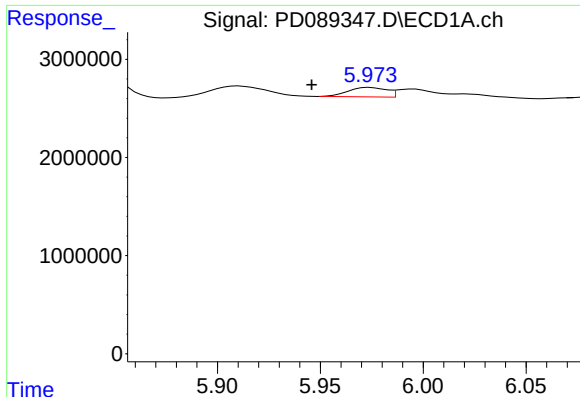
#24 Chlordane-2

R.T.: 5.253 min  
Delta R.T.: 0.012 min  
Response: 583407  
Conc: 2.67 ng/ml



#24 Chlordane-2

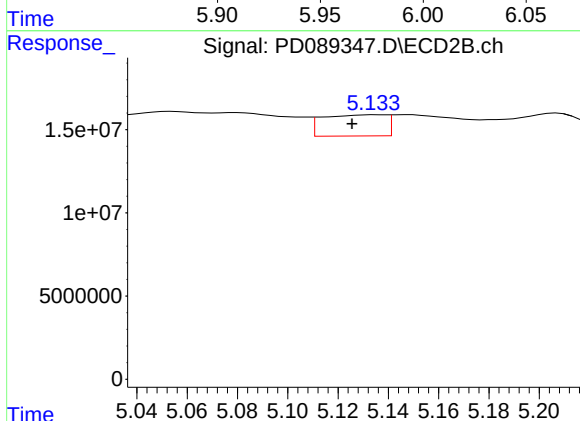
R.T.: 4.469 min  
Delta R.T.: -0.018 min  
Response: 1038313  
Conc: 1.09 ng/ml



#25 Chlordane-3

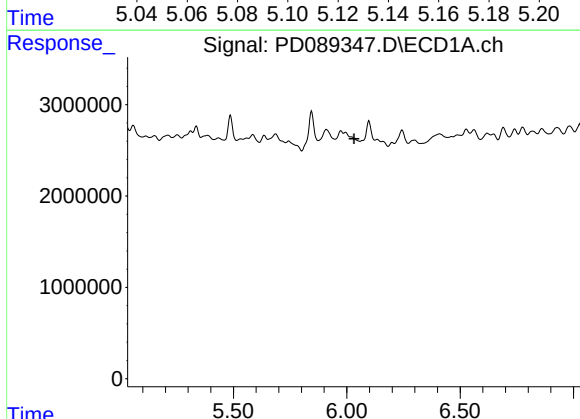
R.T.: 5.974 min  
Delta R.T.: 0.028 min  
Response: 1262561  
Conc: 1.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



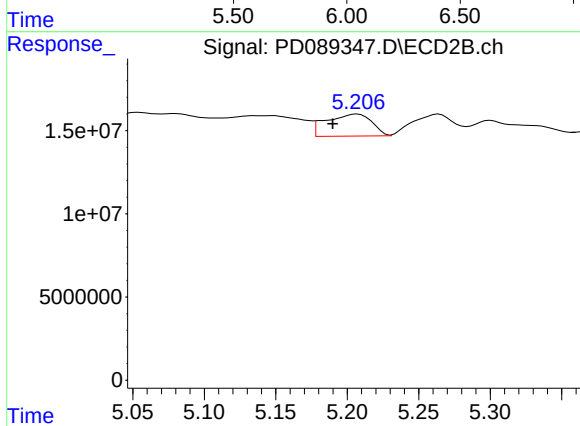
#25 Chlordane-3

R.T.: 5.135 min  
Delta R.T.: 0.009 min  
Response: 22261971  
Conc: 7.50 ng/ml



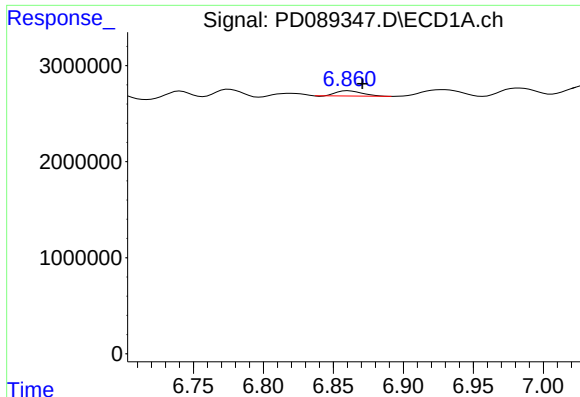
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.032 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

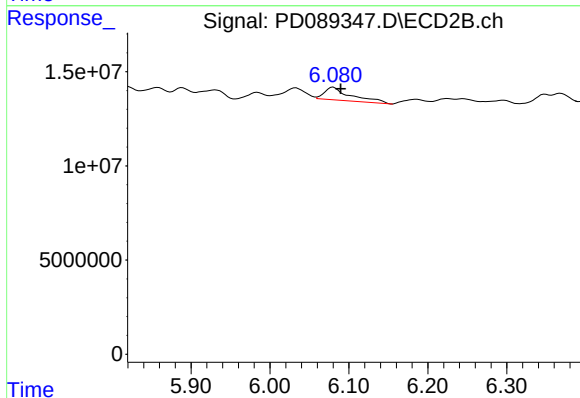
R.T.: 5.207 min  
Delta R.T.: 0.017 min  
Response: 29471469  
Conc: 11.76 ng/ml



#27 Chlordane-5

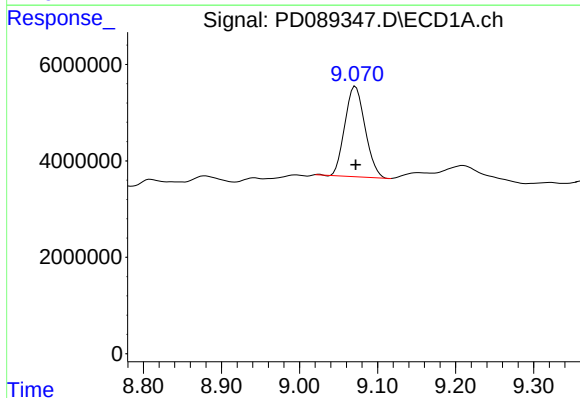
R.T.: 6.861 min  
Delta R.T.: -0.010 min  
Response: 705895  
Conc: 3.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)



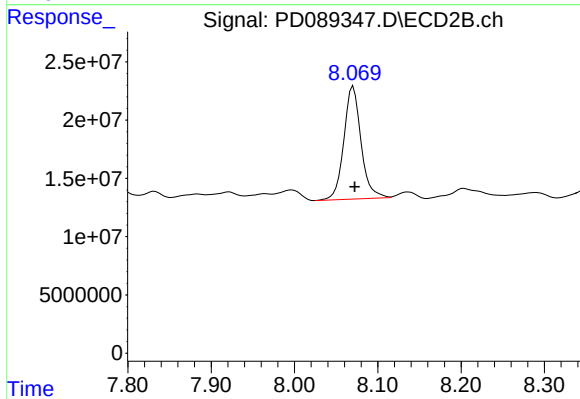
#27 Chlordane-5

R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 16072446  
Conc: 14.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: 0.000 min  
Response: 33717266  
Conc: 8.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.002 min  
Response: 138513833  
Conc: 7.01 ng/ml