

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
 Data File : PD086230.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 14:02  
 Operator : AR\AJ  
 Sample : P4476-03DL2 100X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 XA102DL2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 02:31:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 25 14:36:38 2024  
 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

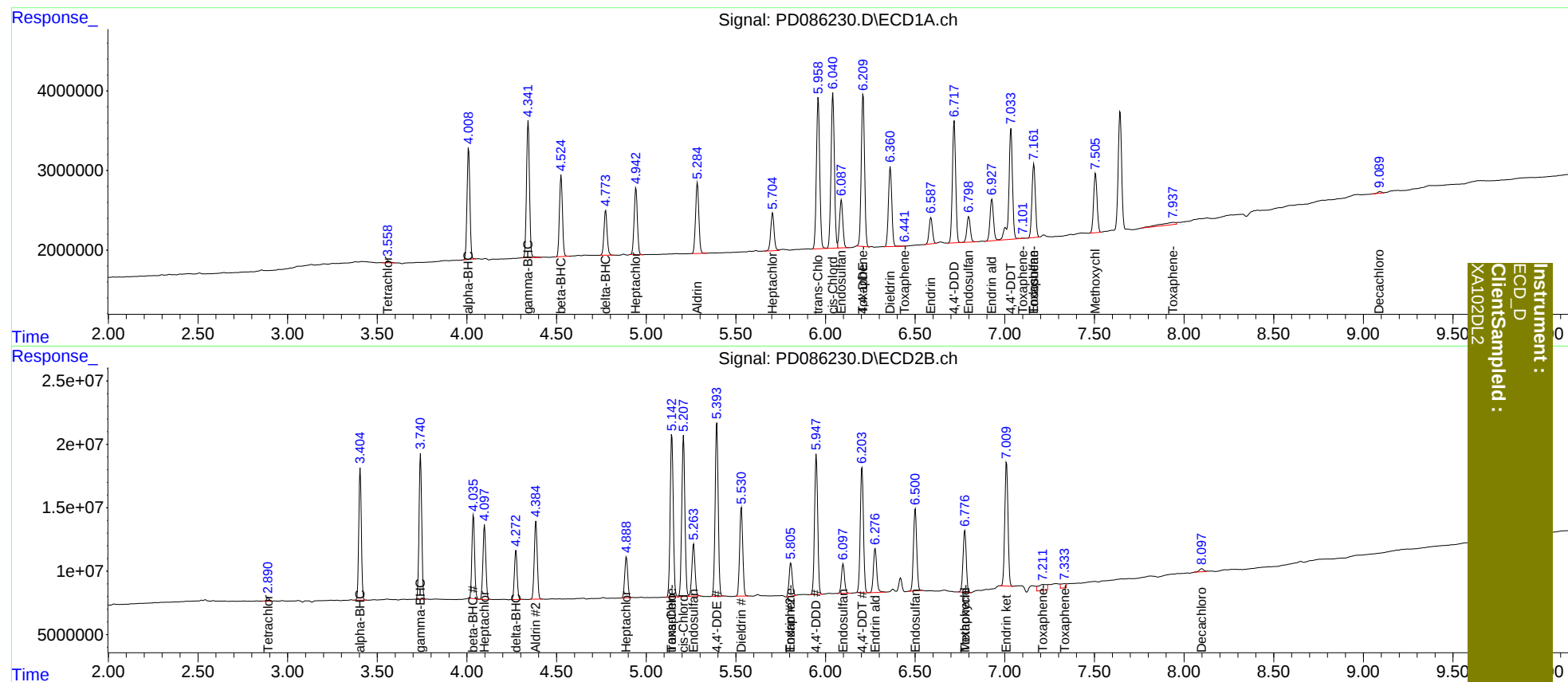
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.559  | 2.891  | 347235   | 2970532  | 0.264    | 0.320      |
| 27)                         | SA Decachlor... | 9.092  | 8.099  | 285838   | 4018055  | 0.159    | 0.425 #    |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.010  | 3.405  | 15615359 | 103.3E6  | 6.273    | 7.188      |
| 3)                          | MA gamma-BHC... | 4.342  | 3.742  | 19789659 | 119.1E6  | 7.954    | 8.833      |
| 4)                          | MA Heptachlor   | 4.943  | 4.099  | 10378622 | 65477027 | 4.198    | 4.793      |
| 5)                          | MB Aldrin       | 5.286  | 4.385  | 11308971 | 71344912 | 4.666    | 5.259      |
| 6)                          | B beta-BHC      | 4.526  | 4.036  | 11856335 | 69565928 | 10.676   | 11.095     |
| 7)                          | B delta-BHC     | 4.774  | 4.274  | 6805490  | 41522267 | 2.629    | 2.959      |
| 8)                          | B Heptachlo...  | 5.705  | 4.890  | 6223477  | 37501595 | 2.723    | 2.991      |
| 9)                          | A Endosulfan I  | 6.089  | 5.265  | 7874332  | 50039241 | 3.888    | 4.358      |
| 10)                         | B trans-Chl...  | 5.960  | 5.143  | 24472717 | 155.0E6  | 11.091   | 11.785     |
| 11)                         | B cis-Chlor...  | 6.042  | 5.208  | 25499963 | 154.8E6  | 11.533   | 12.186     |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.394  | 24464920 | 162.8E6  | 11.454   | 13.278     |
| 13)                         | MA Dieldrin     | 6.362  | 5.531  | 13047423 | 84401934 | 5.720    | 6.841      |
| 14)                         | MA Endrin       | 6.588  | 5.807  | 4265170  | 32318080 | 2.269    | 2.876 #    |
| 15)                         | B Endosulfa...  | 6.799  | 6.099  | 4310952  | 27969171 | 2.150    | 2.535      |
| 16)                         | A 4,4'-DDD      | 6.718  | 5.949  | 19377339 | 133.6E6  | 11.958   | 13.607     |
| 17)                         | MA 4,4'-DDT     | 7.035  | 6.204  | 20085012 | 122.2E6  | 12.047   | 11.906     |
| 18)                         | B Endrin al...  | 6.929  | 6.277  | 7070439  | 44660872 | 4.740    | 5.380      |
| 19)                         | B Endosulfa...  | 7.162  | 6.501  | 12257277 | 81798929 | 6.650    | 7.760      |
| 20)                         | A Methoxychlor  | 7.506  | 6.777  | 9879507  | 60956643 | 10.498   | 12.824     |
| 21)                         | B Endrin ke...  | 7.685  | 7.010  | 116066   | 121.5E6  | <MDL     | 10.617 #   |
| 22)                         | Toxaphene-1     | 6.210f | 5.143  | 24464920 | 155.0E6  | 1764.420 | 2361.947 # |
| 23)                         | Toxaphene-2     | 6.443  | 5.807f | 25546    | 32318080 | 1.286    | 461.259 #  |
| 24)                         | Toxaphene-3     | 7.103  | 6.777  | 31165    | 60956643 | 0.583    | 265.277 #  |
| 25)                         | Toxaphene-4     | 7.162  | 7.213  | 12257277 | 15074809 | 308.569  | 92.883 #   |
| 26)                         | Toxaphene-5     | 7.940  | 7.334  | 1870677  | 6388720  | 65.913   | 54.627     |
| -----                       |                 |        |        |          |          |          |            |

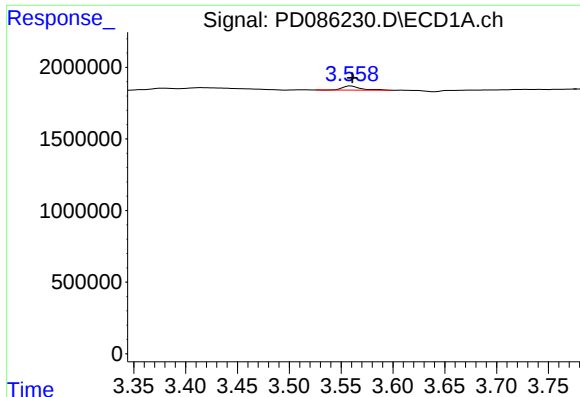
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
Data File : PD086230.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 14:02  
Operator : AR\AJ  
Sample : P4476-03DL2 100X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:31:09 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
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

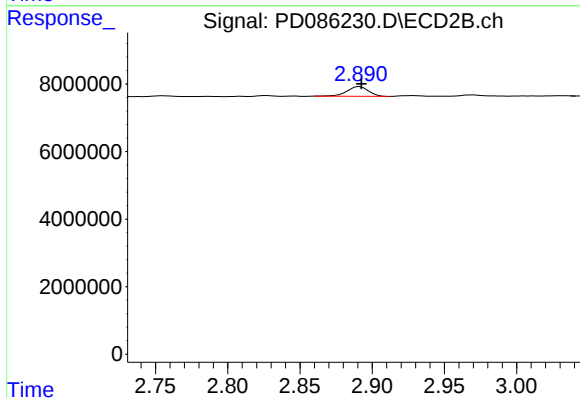




#1 Tetrachloro-m-xylene

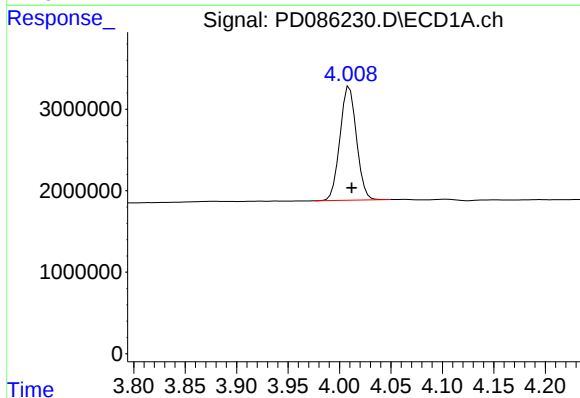
R.T.: 3.559 min  
Delta R.T.: -0.002 min  
Response: 347235  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



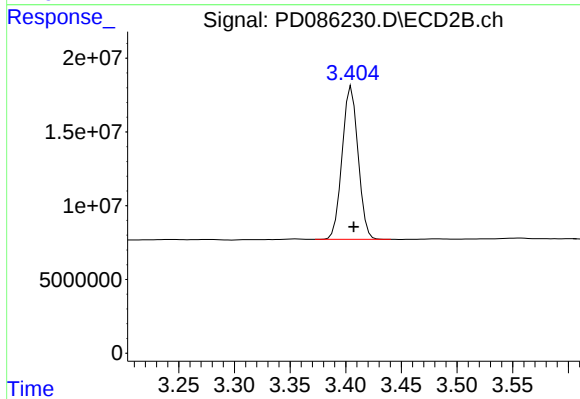
#1 Tetrachloro-m-xylene

R.T.: 2.891 min  
Delta R.T.: -0.001 min  
Response: 2970532  
Conc: 0.32 ng/ml



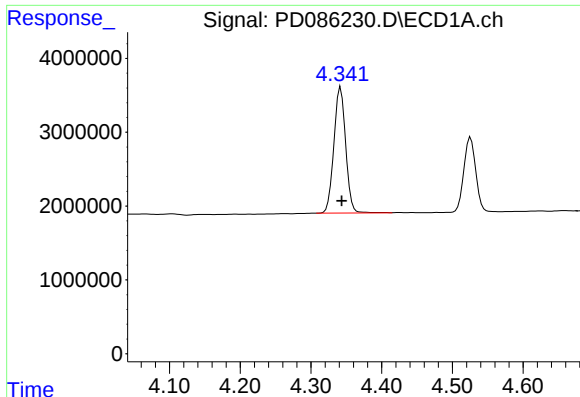
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: -0.002 min  
Response: 15615359  
Conc: 6.27 ng/ml



#2 alpha-BHC

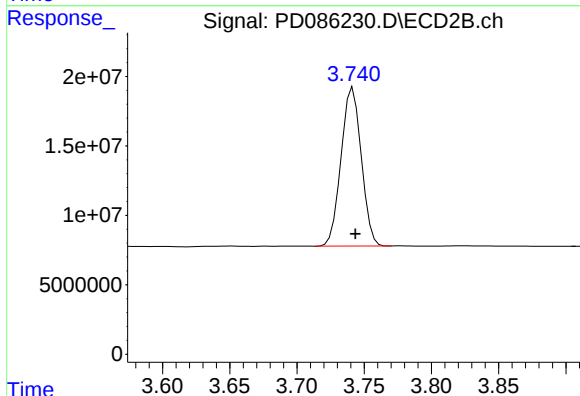
R.T.: 3.405 min  
Delta R.T.: -0.002 min  
Response: 103269865  
Conc: 7.19 ng/ml



#3 gamma-BHC (Lindane)

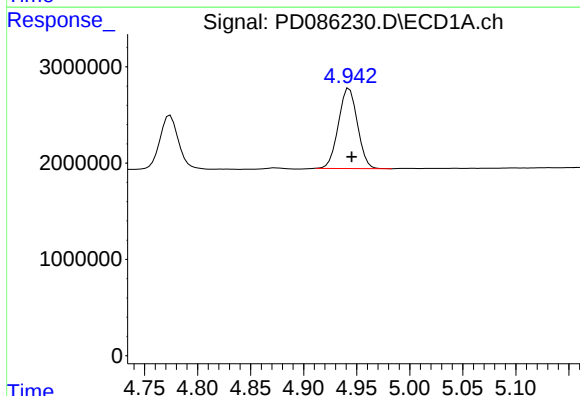
R.T.: 4.342 min  
Delta R.T.: -0.002 min  
Response: 19789659  
Conc: 7.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



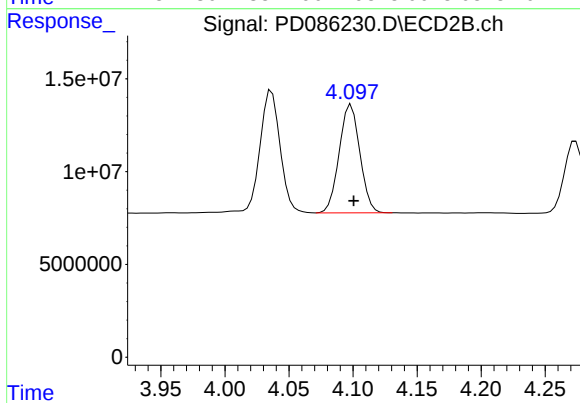
#3 gamma-BHC (Lindane)

R.T.: 3.742 min  
Delta R.T.: -0.002 min  
Response: 119132261  
Conc: 8.83 ng/ml



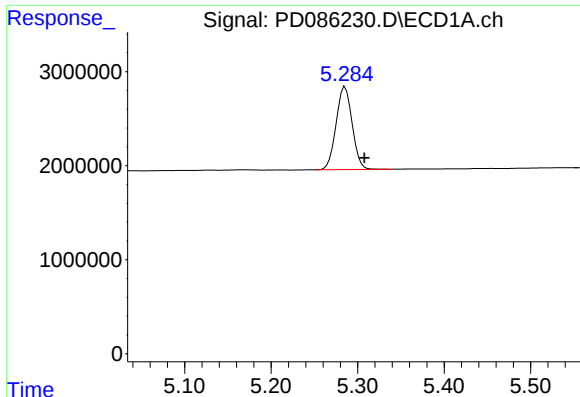
#4 Heptachlor

R.T.: 4.943 min  
Delta R.T.: -0.002 min  
Response: 10378622  
Conc: 4.20 ng/ml



#4 Heptachlor

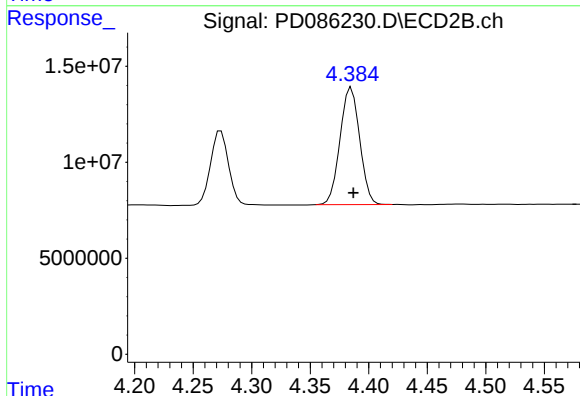
R.T.: 4.099 min  
Delta R.T.: -0.002 min  
Response: 65477027  
Conc: 4.79 ng/ml



#5 Aldrin

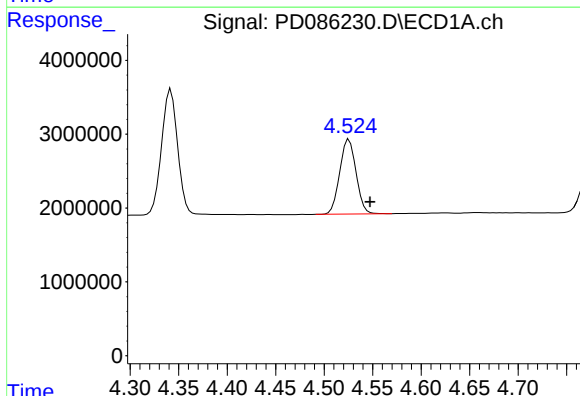
R.T.: 5.286 min  
Delta R.T.: -0.022 min  
Response: 11308971  
Conc: 4.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



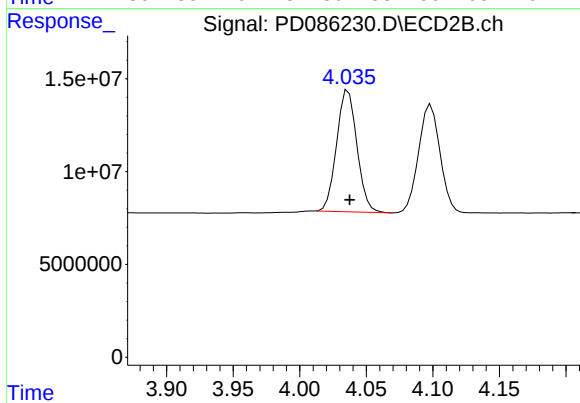
#5 Aldrin

R.T.: 4.385 min  
Delta R.T.: -0.002 min  
Response: 71344912  
Conc: 5.26 ng/ml



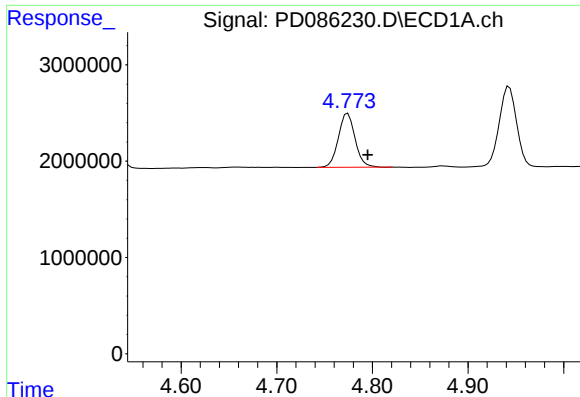
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.022 min  
Response: 11856335  
Conc: 10.68 ng/ml



#6 beta-BHC

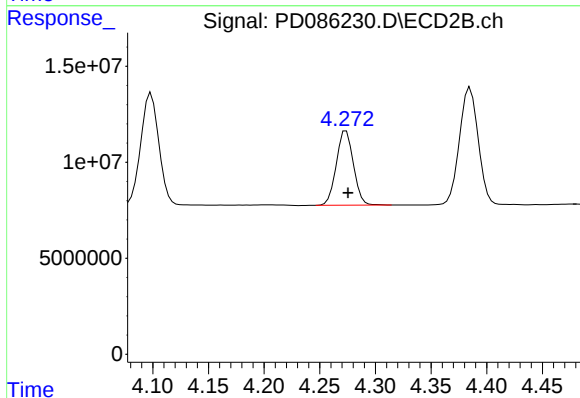
R.T.: 4.036 min  
Delta R.T.: -0.001 min  
Response: 69565928  
Conc: 11.10 ng/ml



#7 delta-BHC

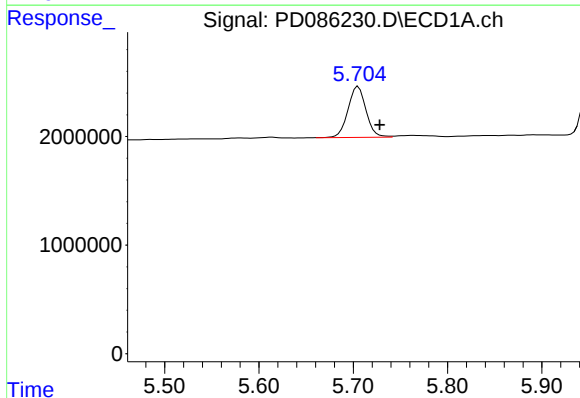
R.T.: 4.774 min  
Delta R.T.: -0.021 min  
Response: 6805490  
Conc: 2.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



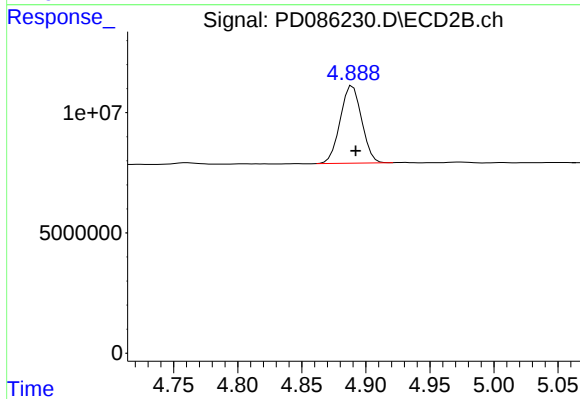
#7 delta-BHC

R.T.: 4.274 min  
Delta R.T.: -0.002 min  
Response: 41522267  
Conc: 2.96 ng/ml



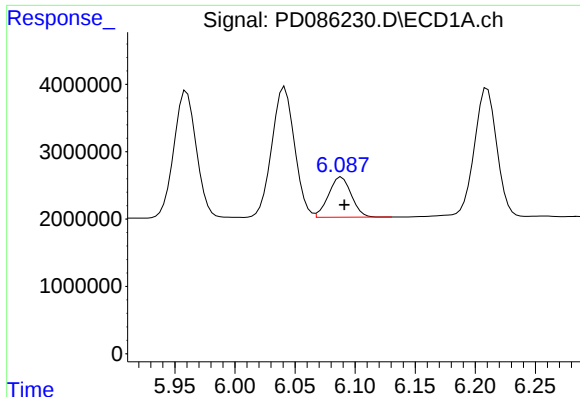
#8 Heptachlor epoxide

R.T.: 5.705 min  
Delta R.T.: -0.023 min  
Response: 6223477  
Conc: 2.72 ng/ml



#8 Heptachlor epoxide

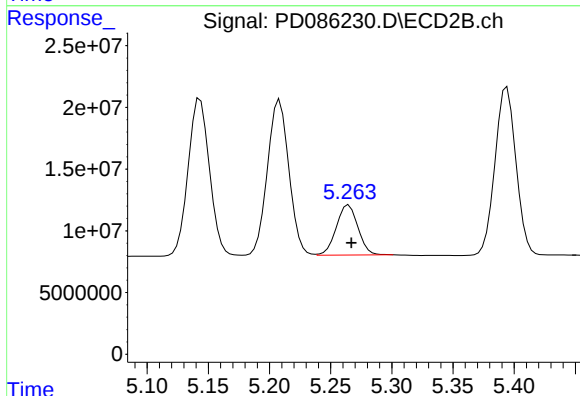
R.T.: 4.890 min  
Delta R.T.: -0.002 min  
Response: 37501595  
Conc: 2.99 ng/ml



#9 Endosulfan I

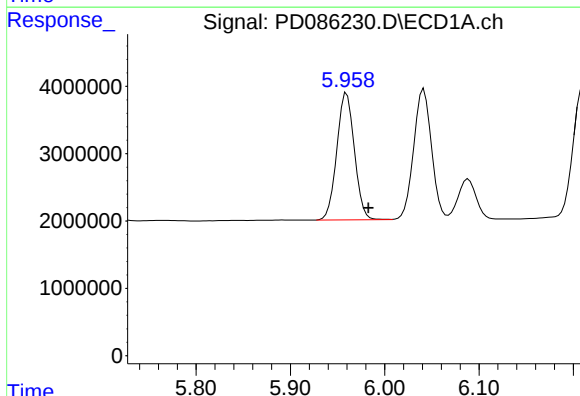
R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 7874332  
Conc: 3.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



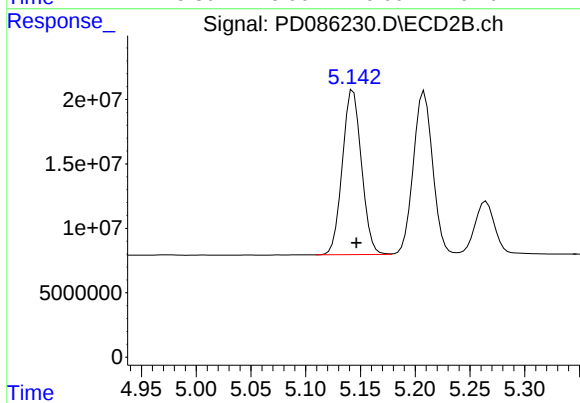
#9 Endosulfan I

R.T.: 5.265 min  
Delta R.T.: -0.002 min  
Response: 50039241  
Conc: 4.36 ng/ml



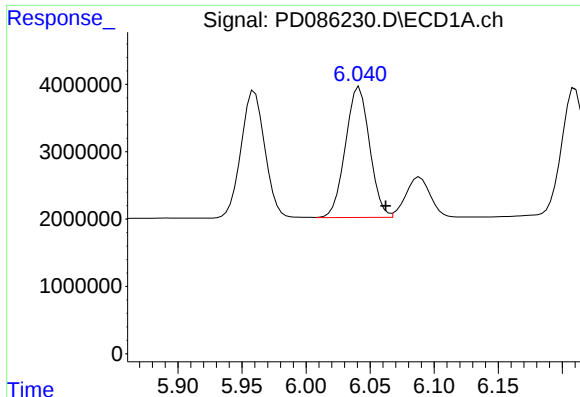
#10 trans-Chlordane

R.T.: 5.960 min  
Delta R.T.: -0.023 min  
Response: 24472717  
Conc: 11.09 ng/ml



#10 trans-Chlordane

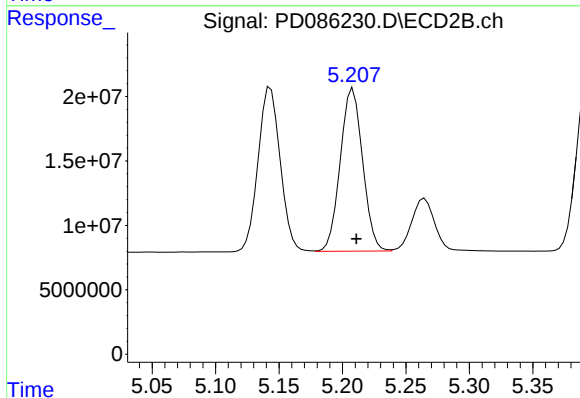
R.T.: 5.143 min  
Delta R.T.: -0.003 min  
Response: 155031273  
Conc: 11.79 ng/ml



#11 cis-Chlordane

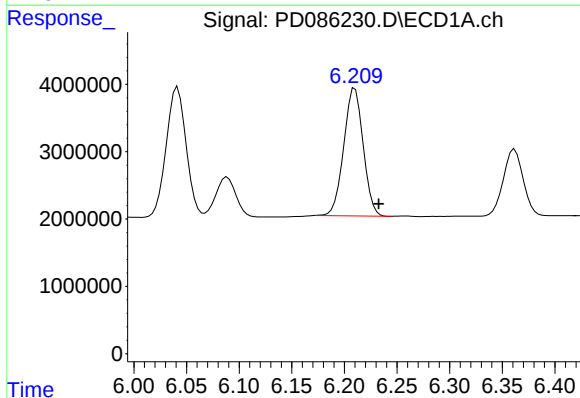
R.T.: 6.042 min  
Delta R.T.: -0.021 min  
Response: 25499963  
Conc: 11.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



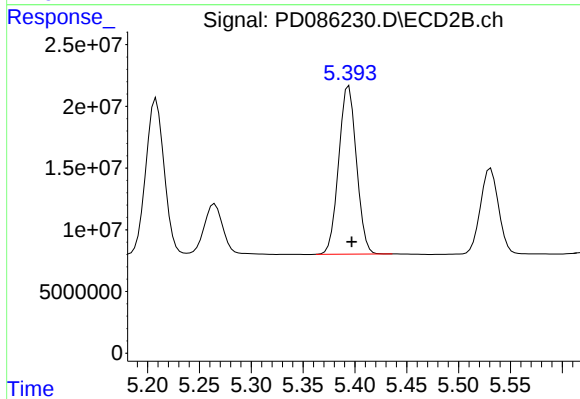
#11 cis-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.003 min  
Response: 154780286  
Conc: 12.19 ng/ml



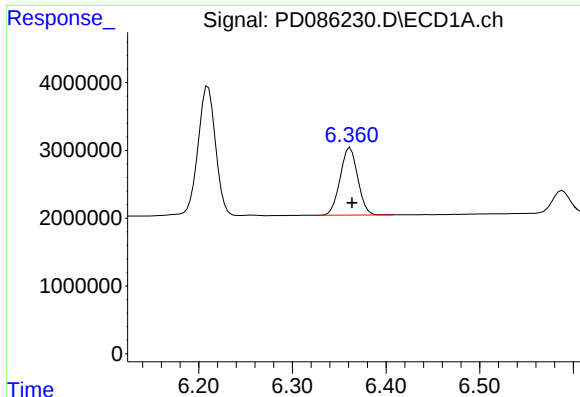
#12 4,4'-DDE

R.T.: 6.210 min  
Delta R.T.: -0.023 min  
Response: 24464920  
Conc: 11.45 ng/ml



#12 4,4'-DDE

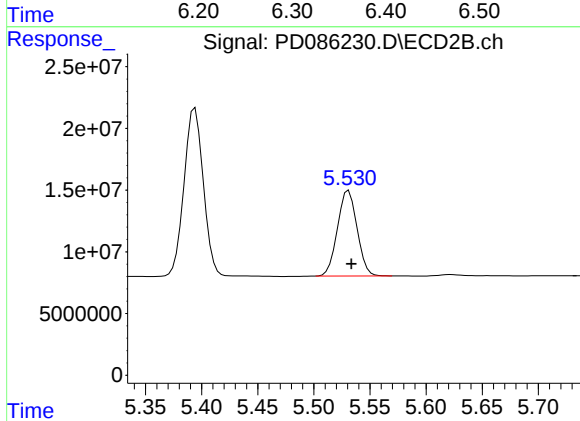
R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 162812274  
Conc: 13.28 ng/ml



#13 Dieldrin

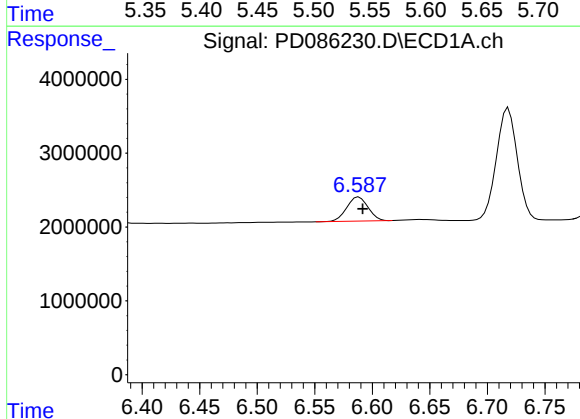
R.T.: 6.362 min  
Delta R.T.: -0.002 min  
Response: 13047423  
Conc: 5.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



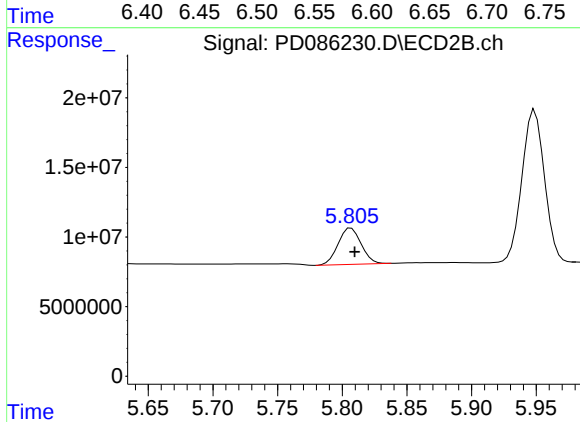
#13 Dieldrin

R.T.: 5.531 min  
Delta R.T.: -0.002 min  
Response: 84401934  
Conc: 6.84 ng/ml



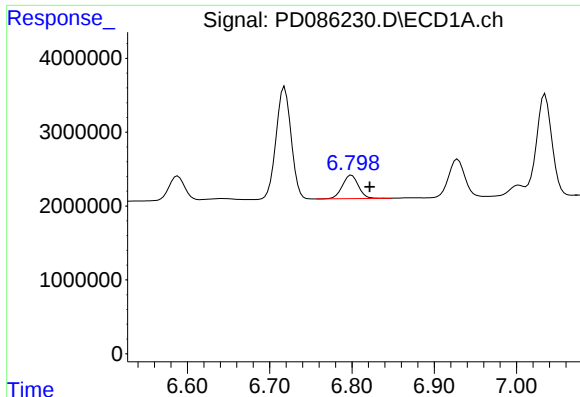
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: -0.003 min  
Response: 4265170  
Conc: 2.27 ng/ml



#14 Endrin

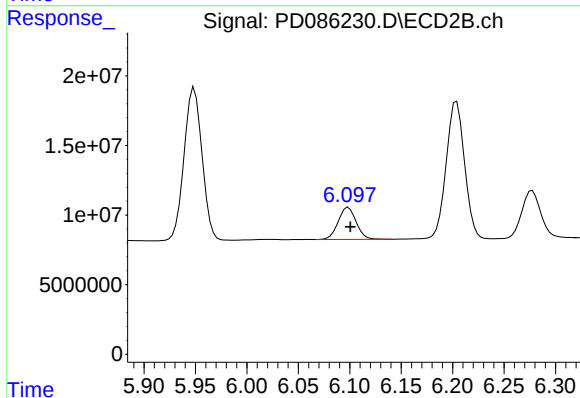
R.T.: 5.807 min  
Delta R.T.: -0.003 min  
Response: 32318080  
Conc: 2.88 ng/ml



#15 Endosulfan II

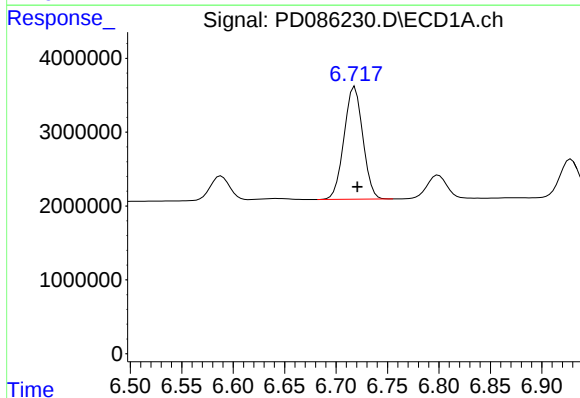
R.T.: 6.799 min  
Delta R.T.: -0.022 min  
Response: 4310952  
Conc: 2.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



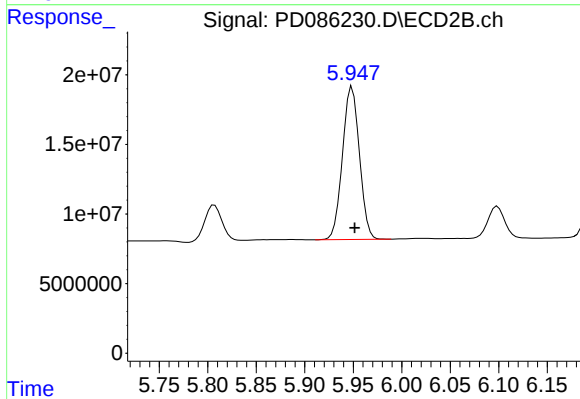
#15 Endosulfan II

R.T.: 6.099 min  
Delta R.T.: -0.002 min  
Response: 27969171  
Conc: 2.54 ng/ml



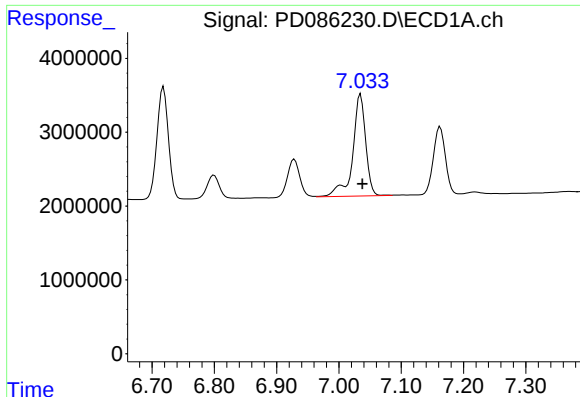
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: -0.003 min  
Response: 19377339  
Conc: 11.96 ng/ml



#16 4,4'-DDD

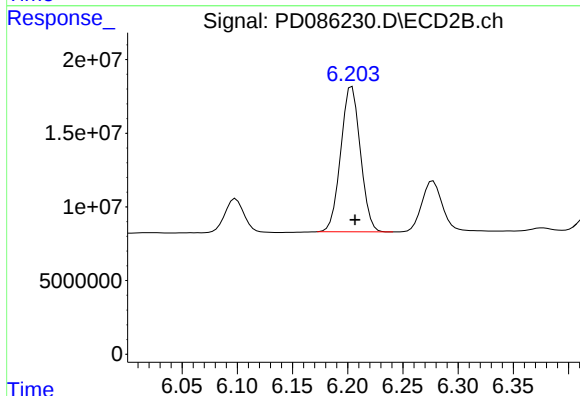
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 133566095  
Conc: 13.61 ng/ml



#17 4,4'-DDT

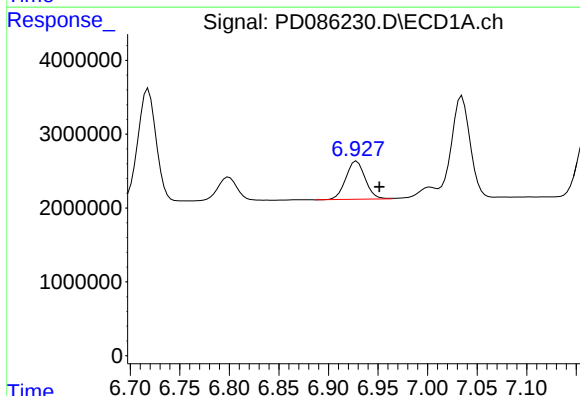
R.T.: 7.035 min  
Delta R.T.: -0.003 min  
Response: 20085012  
Conc: 12.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



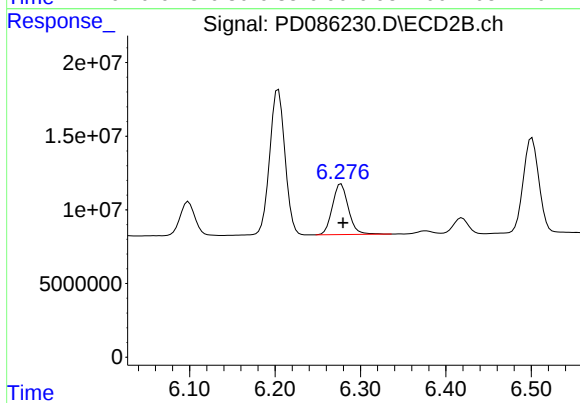
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: -0.003 min  
Response: 122176240  
Conc: 11.91 ng/ml



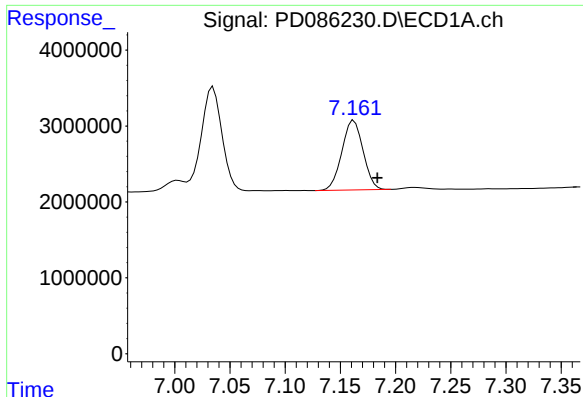
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: -0.023 min  
Response: 7070439  
Conc: 4.74 ng/ml



#18 Endrin aldehyde

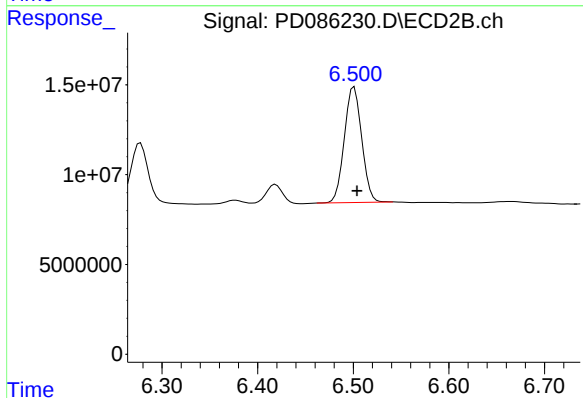
R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 44660872  
Conc: 5.38 ng/ml



#19 Endosulfan Sulfate

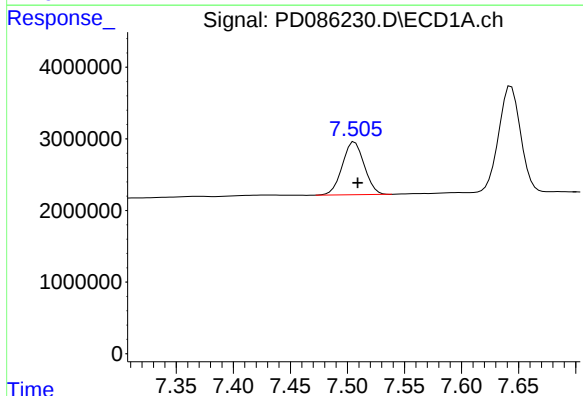
R.T.: 7.162 min  
Delta R.T.: -0.021 min  
Response: 12257277  
Conc: 6.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



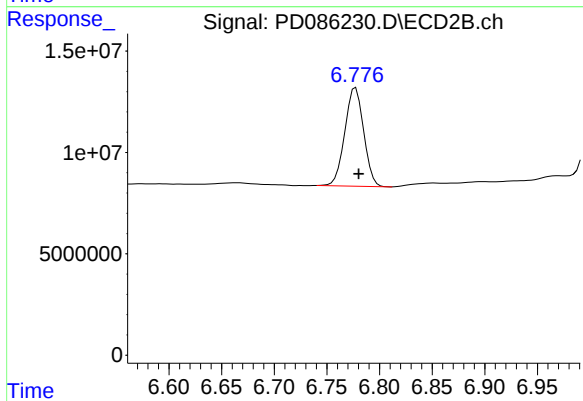
#19 Endosulfan Sulfate

R.T.: 6.501 min  
Delta R.T.: -0.003 min  
Response: 81798929  
Conc: 7.76 ng/ml



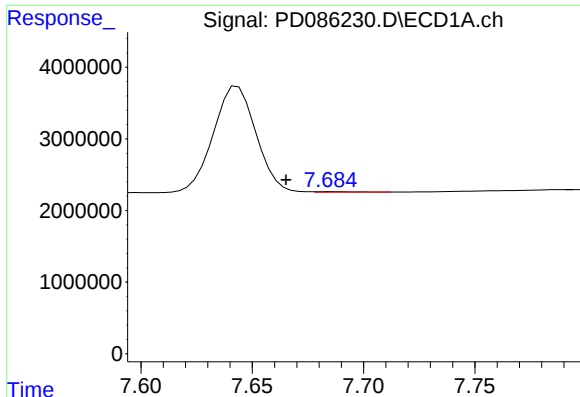
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: -0.003 min  
Response: 9879507  
Conc: 10.50 ng/ml



#20 Methoxychlor

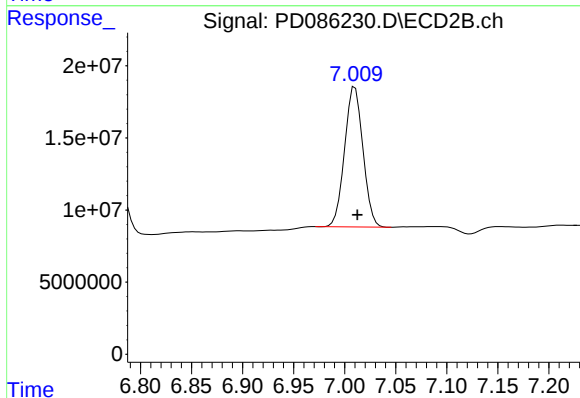
R.T.: 6.777 min  
Delta R.T.: -0.003 min  
Response: 60956643  
Conc: 12.82 ng/ml



#21 Endrin ketone

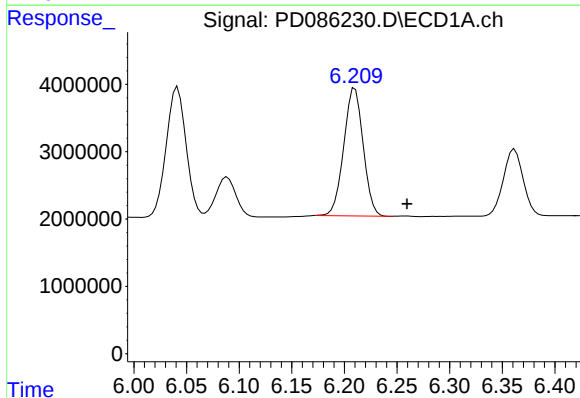
R.T.: 7.685 min  
Delta R.T.: 0.020 min  
Response: 116066  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



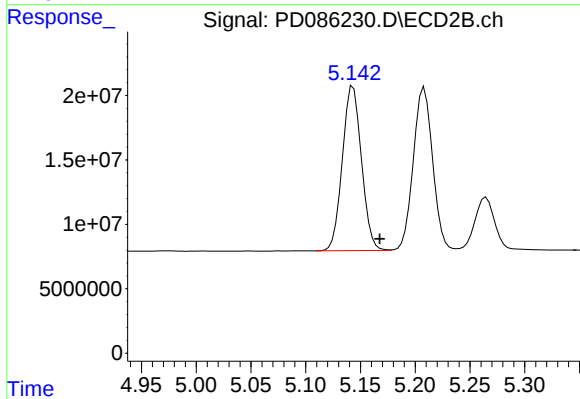
#21 Endrin ketone

R.T.: 7.010 min  
Delta R.T.: -0.002 min  
Response: 121491234  
Conc: 10.62 ng/ml



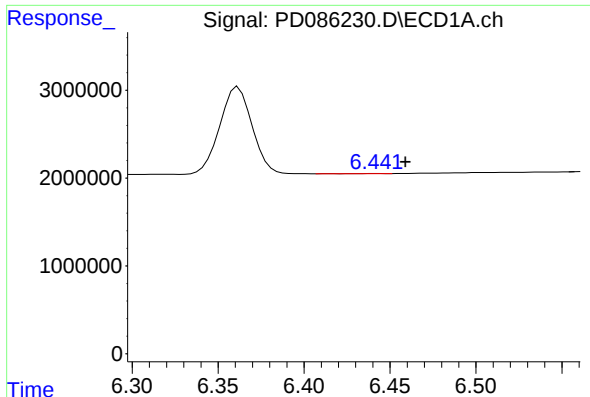
#22 Toxaphene-1

R.T.: 6.210 min  
Delta R.T.: -0.049 min  
Response: 24464920  
Conc: 1764.42 ng/ml



#22 Toxaphene-1

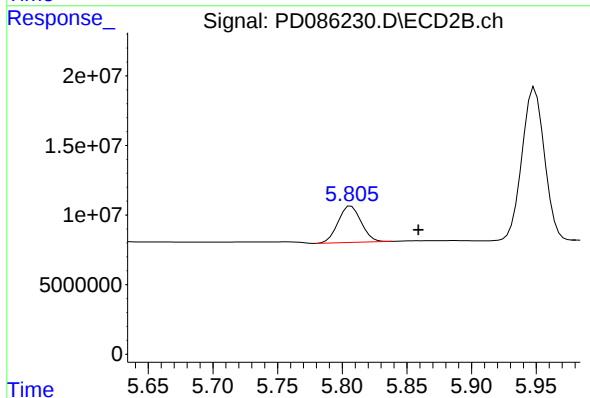
R.T.: 5.143 min  
Delta R.T.: -0.024 min  
Response: 155031273  
Conc: 2361.95 ng/ml



#23 Toxaphene-2

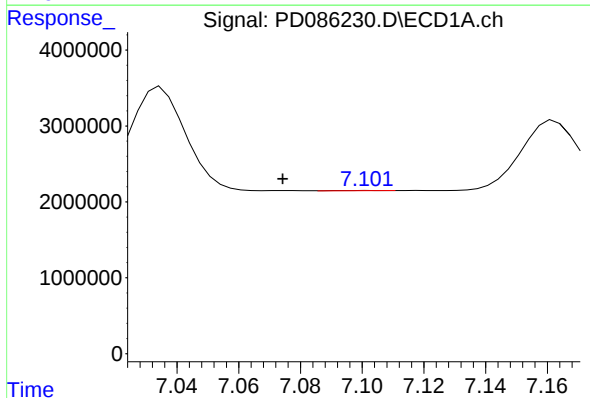
R.T.: 6.443 min  
Delta R.T.: -0.016 min  
Response: 25546  
Conc: 1.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



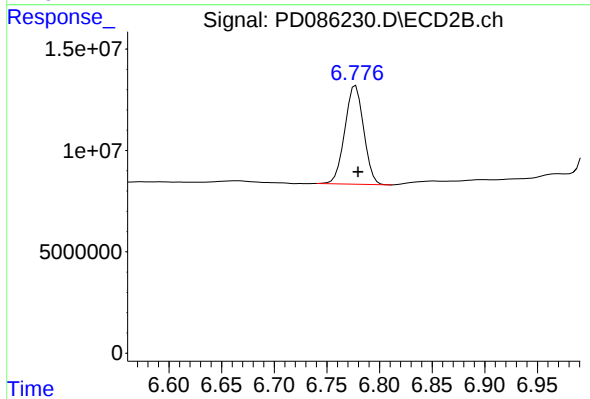
#23 Toxaphene-2

R.T.: 5.807 min  
Delta R.T.: -0.052 min  
Response: 32318080  
Conc: 461.26 ng/ml



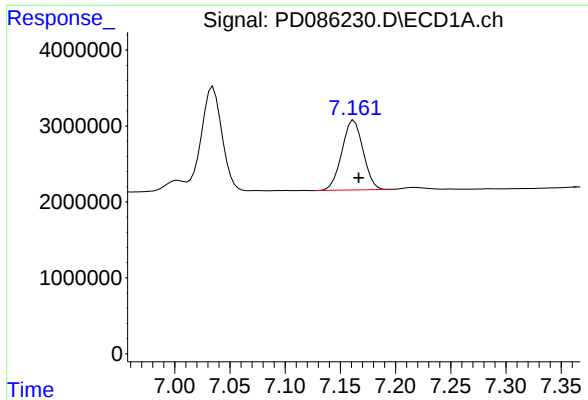
#24 Toxaphene-3

R.T.: 7.103 min  
Delta R.T.: 0.028 min  
Response: 31165  
Conc: 0.58 ng/ml



#24 Toxaphene-3

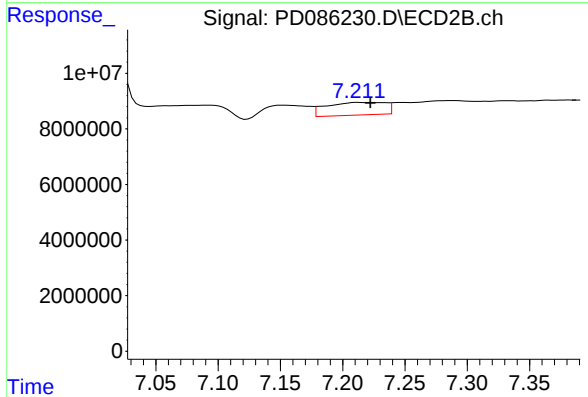
R.T.: 6.777 min  
Delta R.T.: -0.002 min  
Response: 60956643  
Conc: 265.28 ng/ml



#25 Toxaphene-4

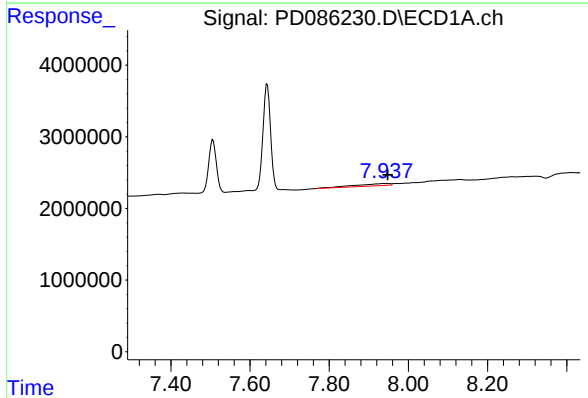
R.T.: 7.162 min  
Delta R.T.: -0.004 min  
Response: 12257277  
Conc: 308.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



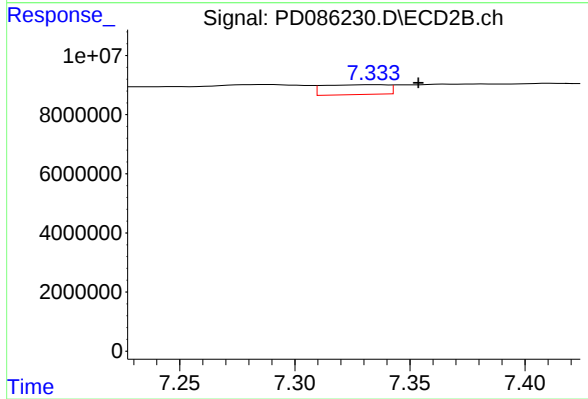
#25 Toxaphene-4

R.T.: 7.213 min  
Delta R.T.: -0.010 min  
Response: 15074809  
Conc: 92.88 ng/ml



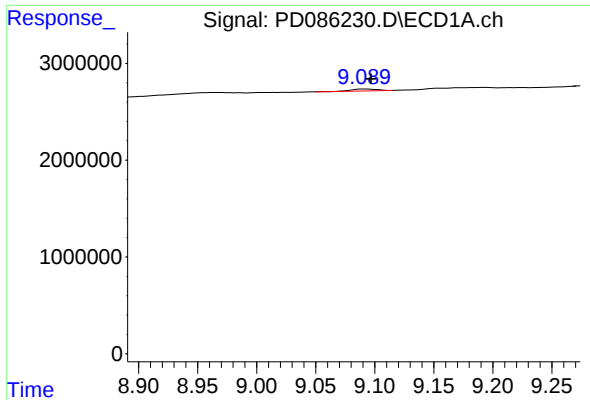
#26 Toxaphene-5

R.T.: 7.940 min  
Delta R.T.: -0.007 min  
Response: 1870677  
Conc: 65.91 ng/ml



#26 Toxaphene-5

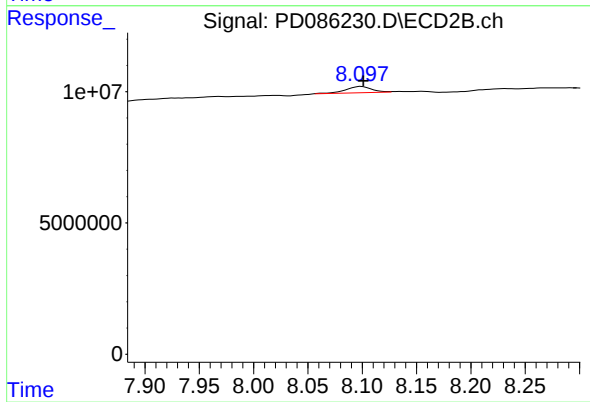
R.T.: 7.334 min  
Delta R.T.: -0.019 min  
Response: 6388720  
Conc: 54.63 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: -0.005 min  
Response: 285838  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
XA102DL2



#27 Decachlorobiphenyl

R.T.: 8.099 min  
Delta R.T.: -0.002 min  
Response: 4018055  
Conc: 0.42 ng/ml