

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052225\  
 Data File : PD088691.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2025 14:18  
 Operator : AR\AJ  
 Sample : PB168101BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168101BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 22 03:42:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 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... | 3.558  | 2.881 | 54041950 | 394.8E6  | 24.976  | 26.097    |
| 28)                         | SA Decachlor... | 9.085  | 8.077 | 84348608 | 414.8E6  | 24.647  | 22.720    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.008  | 3.394 | 283.7E6  | 1377.8E6 | 59.400  | 57.639    |
| 3)                          | MA gamma-BHC... | 4.339  | 3.731 | 267.9E6  | 1277.0E6 | 58.207  | 57.614    |
| 4)                          | MA Heptachlor   | 4.939  | 4.084 | 261.0E6  | 1241.7E6 | 58.384  | 55.299    |
| 5)                          | MB Aldrin       | 5.281  | 4.371 | 261.5E6  | 1266.9E6 | 59.496  | 57.773    |
| 6)                          | B beta-BHC      | 4.525  | 4.027 | 100.5E6  | 553.9E6  | 55.734  | 56.861    |
| 7)                          | B delta-BHC     | 4.773  | 4.264 | 247.9E6  | 1211.5E6 | 58.662  | 54.343    |
| 8)                          | B Heptachlo...  | 5.701  | 4.875 | 230.5E6  | 1111.7E6 | 58.083  | 55.945    |
| 9)                          | A Endosulfan I  | 6.084  | 5.249 | 220.0E6  | 999.3E6  | 58.471  | 52.653    |
| 10)                         | B gamma-Chl...  | 5.956  | 5.128 | 235.2E6  | 1195.4E6 | 58.961  | 56.039    |
| 11)                         | B alpha-Chl...  | 6.037  | 5.193 | 233.9E6  | 1143.2E6 | 58.386  | 55.427    |
| 12)                         | B 4,4'-DDE      | 6.206  | 5.378 | 210.2E6  | 1177.6E6 | 58.549  | 56.335    |
| 13)                         | MA Dieldrin     | 6.357  | 5.516 | 235.6E6  | 1163.7E6 | 58.720  | 55.300    |
| 14)                         | MA Endrin       | 6.584  | 5.792 | 197.5E6  | 1041.0E6 | 57.843  | 53.984    |
| 15)                         | B Endosulfa...  | 6.796  | 6.084 | 197.2E6  | 984.0E6  | 57.262  | 53.707    |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.933 | 181.7E6  | 1004.8E6 | 65.225  | 57.772    |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.187 | 153.9E6  | 848.2E6  | 49.307  | 46.763    |
| 18)                         | B Endrin al...  | 6.924  | 6.262 | 139.3E6  | 716.0E6  | 54.095  | 51.408    |
| 19)                         | B Endosulfa...  | 7.159  | 6.486 | 178.8E6  | 918.6E6  | 55.830  | 51.734    |
| 20)                         | A Methoxychlor  | 7.503  | 6.758 | 80985098 | 438.6E6  | 48.478  | 45.813    |
| 21)                         | B Endrin ke...  | 7.640  | 6.995 | 199.2E6  | 1016.5E6 | 58.179  | 52.538    |
| 22)                         | Mirex           | 8.124  | 7.189 | 142.2E6  | 752.6E6  | 54.737  | 49.507    |
| 23)                         | Chlordane-1     | 0.000  | 3.901 | 0        | 1285079  | N.D.    | 1.555 #   |
| 24)                         | Chlordane-2     | 5.216f | 4.509 | 66001    | 54120303 | 0.360   | 64.123 #  |
| 25)                         | Chlordane-3     | 5.956  | 5.128 | 235.2E6  | 1195.4E6 | 317.871 | 453.353 # |
| 26)                         | Chlordane-4     | 6.037  | 5.193 | 233.9E6  | 1143.2E6 | 261.007 | 516.691 # |
| 27)                         | Chlordane-5     | 0.000  | 6.084 | 0        | 984.0E6  | N.D.    | 983.168 # |
| -----                       |                 |        |       |          |          |         |           |

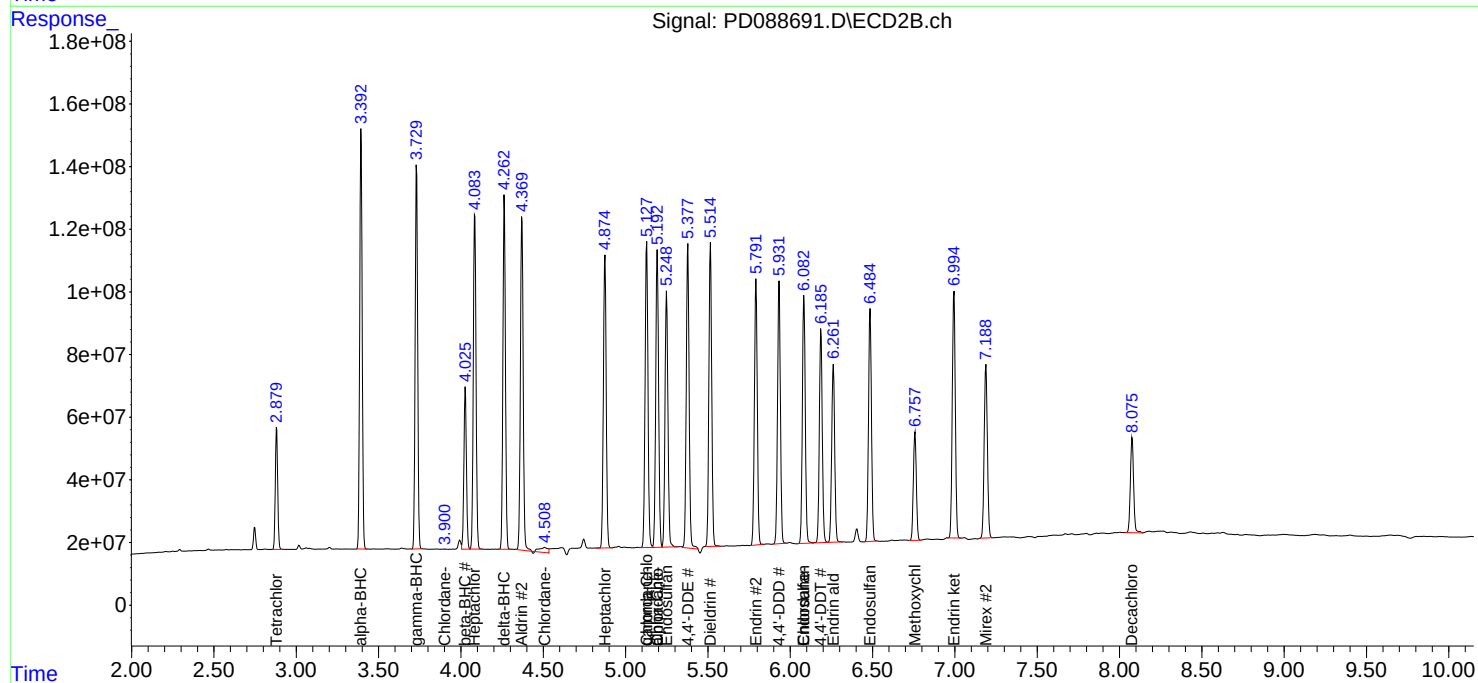
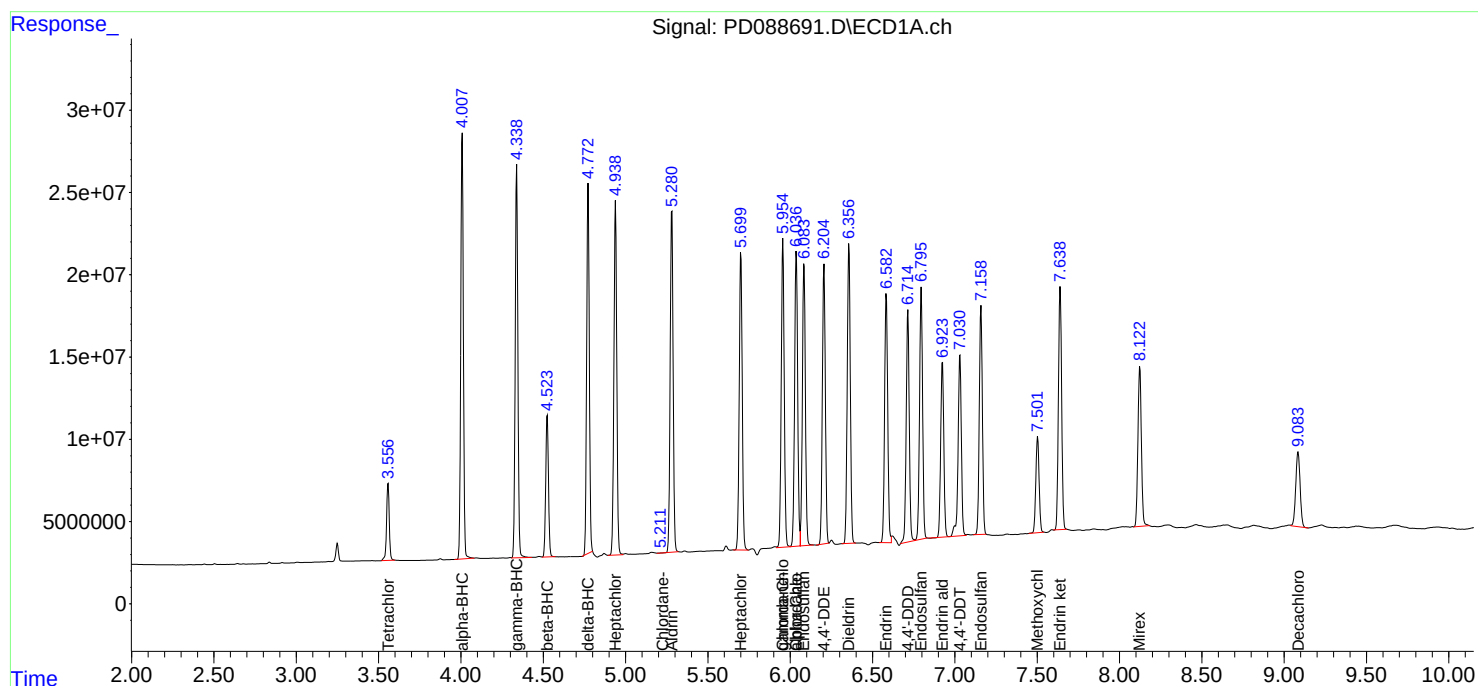
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

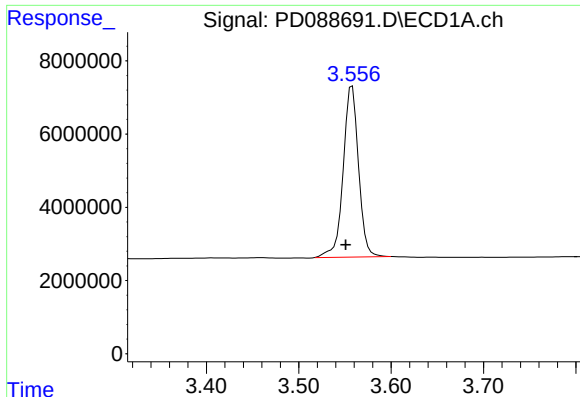
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052225\  
Data File : PD088691.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2025 14:18  
Operator : AR\AJ  
Sample : PB168101BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 22 03:42:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
Quant Title : GC Extractables  
QLast Update : Mon May 19 15:27:28 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

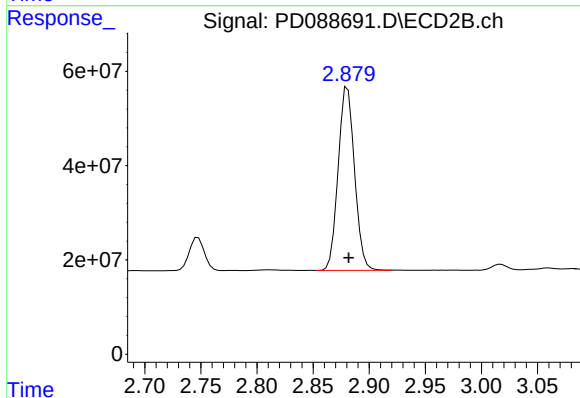




#1 Tetrachloro-m-xylene

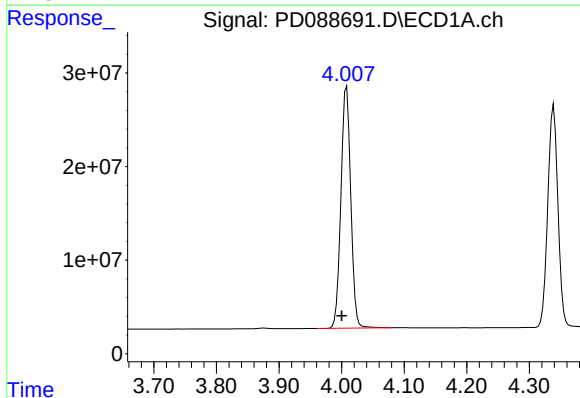
R.T.: 3.558 min  
Delta R.T.: 0.007 min  
Response: 54041950  
Conc: 24.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



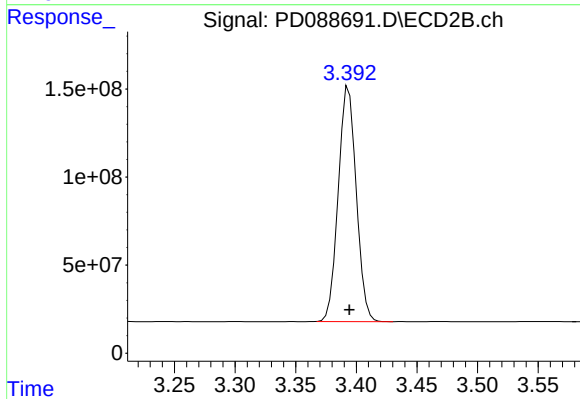
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 394769511  
Conc: 26.10 ng/ml



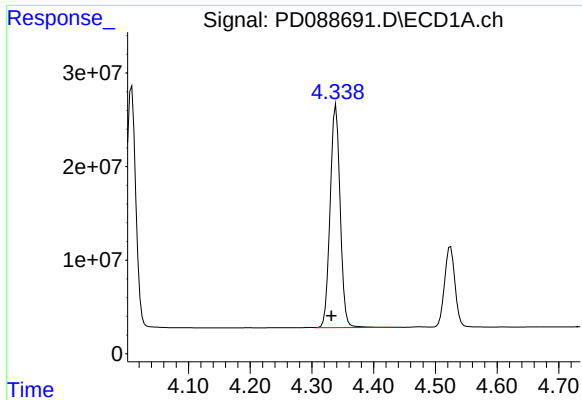
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.008 min  
Response: 283729119  
Conc: 59.40 ng/ml



#2 alpha-BHC

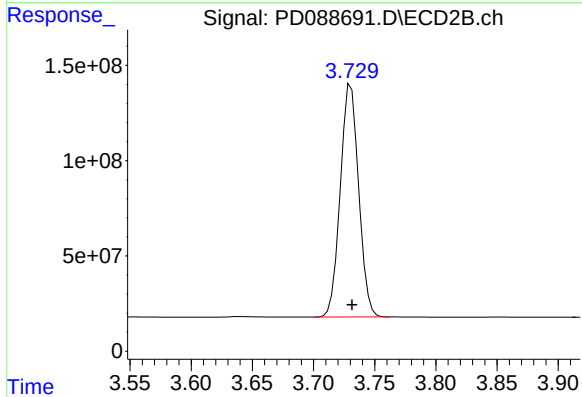
R.T.: 3.394 min  
Delta R.T.: 0.000 min  
Response: 1377790703  
Conc: 57.64 ng/ml



#3 gamma-BHC (Lindane)

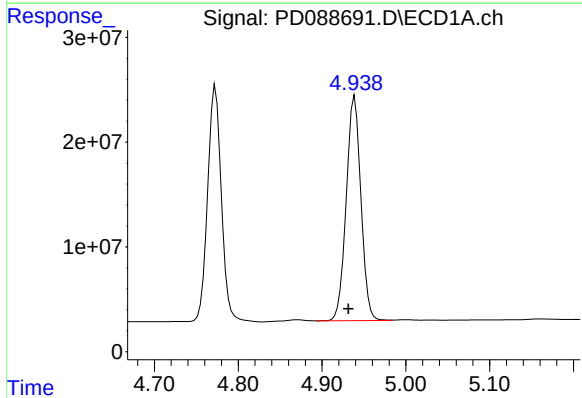
R.T.: 4.339 min  
Delta R.T.: 0.007 min  
Response: 267910224  
Conc: 58.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



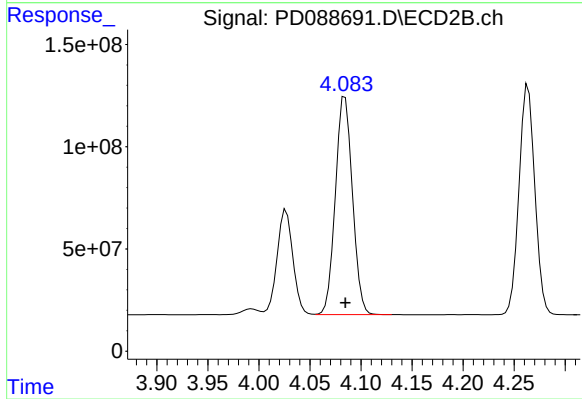
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: 0.000 min  
Response: 1277048071  
Conc: 57.61 ng/ml



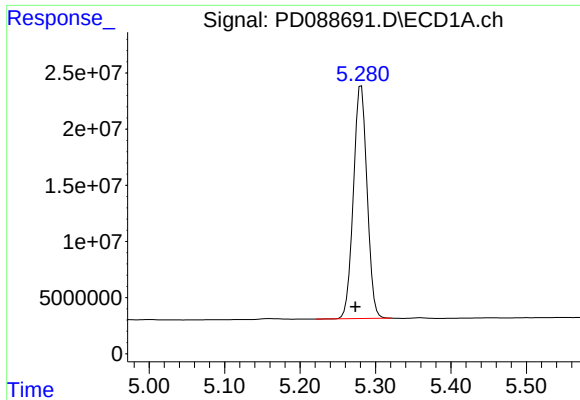
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.007 min  
Response: 261049923  
Conc: 58.38 ng/ml



#4 Heptachlor

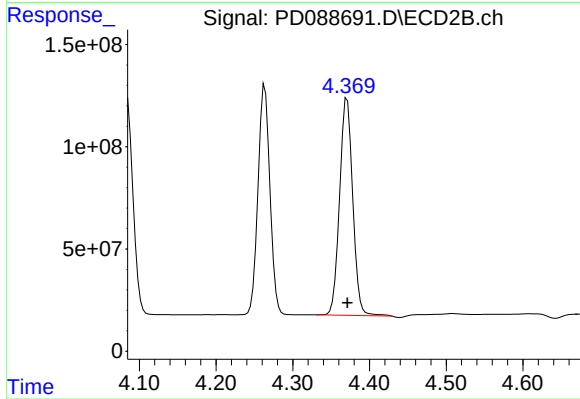
R.T.: 4.084 min  
Delta R.T.: 0.000 min  
Response: 1241728687  
Conc: 55.30 ng/ml



#5 Aldrin

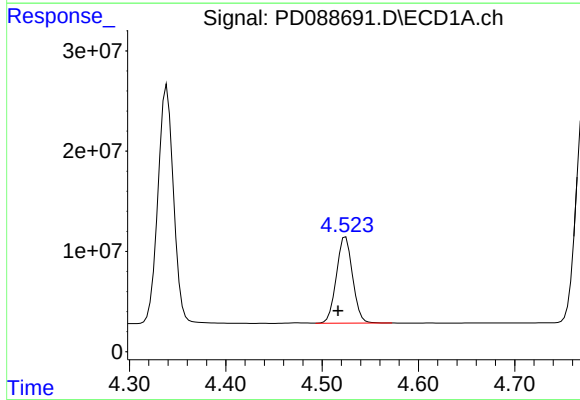
R.T.: 5.281 min  
Delta R.T.: 0.008 min  
Response: 261455495  
Conc: 59.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



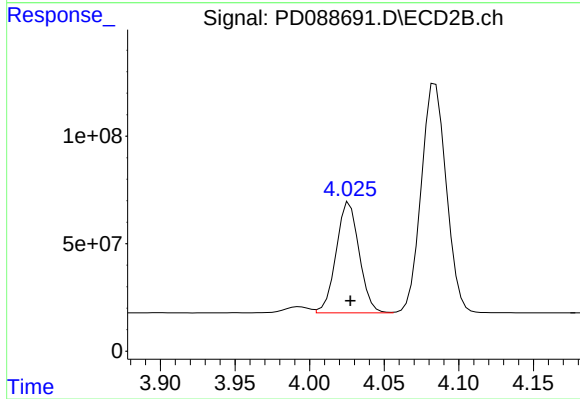
#5 Aldrin

R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 1266947988  
Conc: 57.77 ng/ml



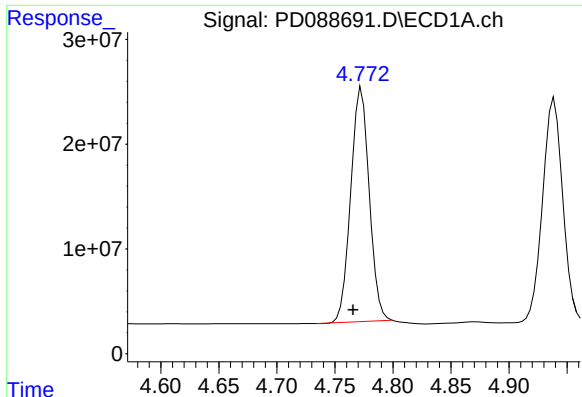
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.008 min  
Response: 100497275  
Conc: 55.73 ng/ml



#6 beta-BHC

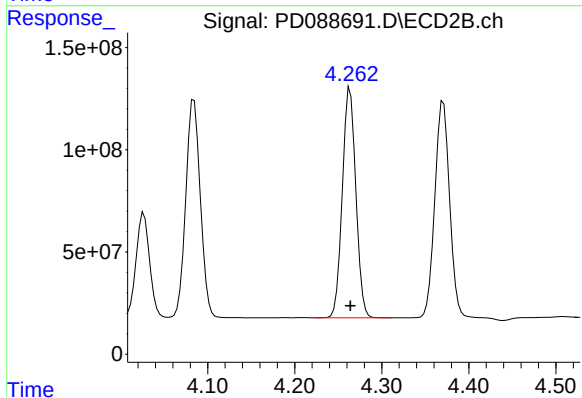
R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 553935893  
Conc: 56.86 ng/ml



#7 delta-BHC

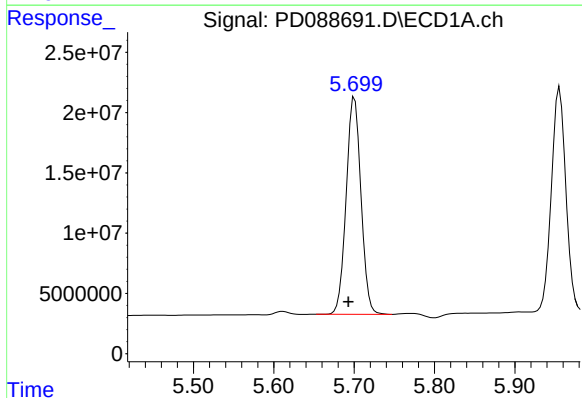
R.T.: 4.773 min  
Delta R.T.: 0.007 min  
Response: 247915245  
Conc: 58.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



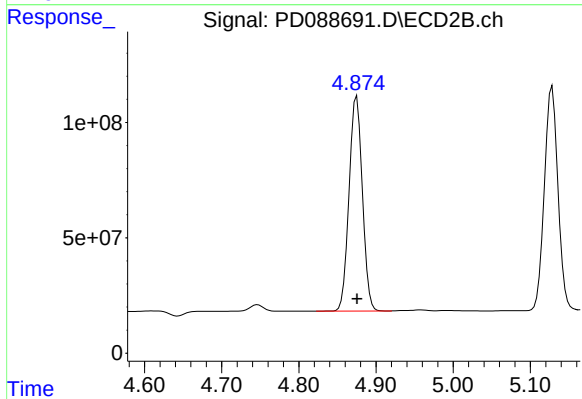
#7 delta-BHC

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 1211521930  
Conc: 54.34 ng/ml



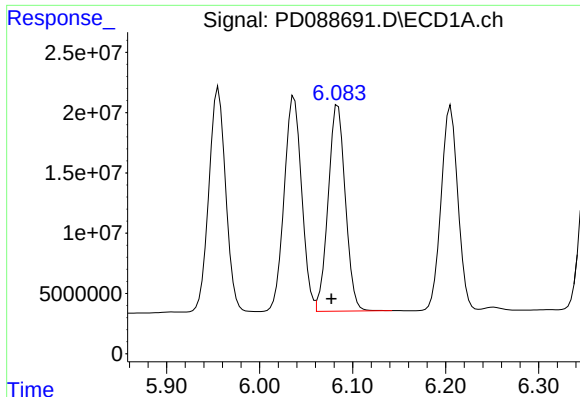
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: 0.008 min  
Response: 230549459  
Conc: 58.08 ng/ml



#8 Heptachlor epoxide

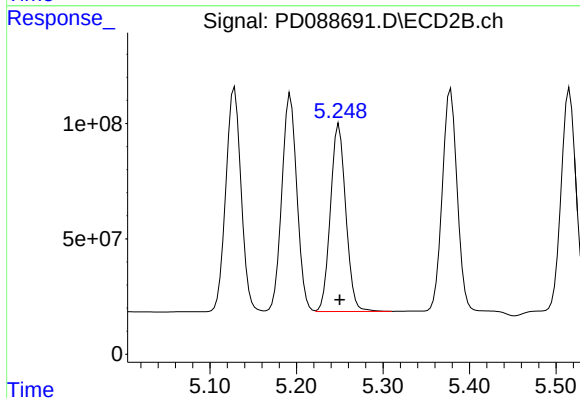
R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 1111699770  
Conc: 55.95 ng/ml



#9 Endosulfan I

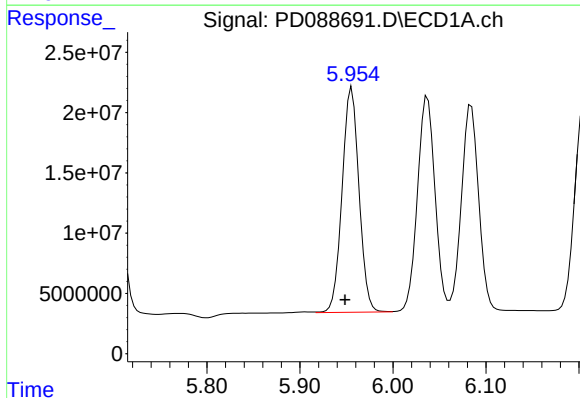
R.T.: 6.084 min  
Delta R.T.: 0.007 min  
Response: 220020489  
Conc: 58.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



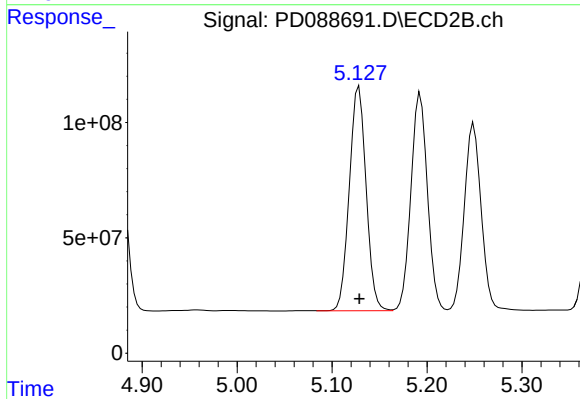
#9 Endosulfan I

R.T.: 5.249 min  
Delta R.T.: 0.000 min  
Response: 999263874  
Conc: 52.65 ng/ml



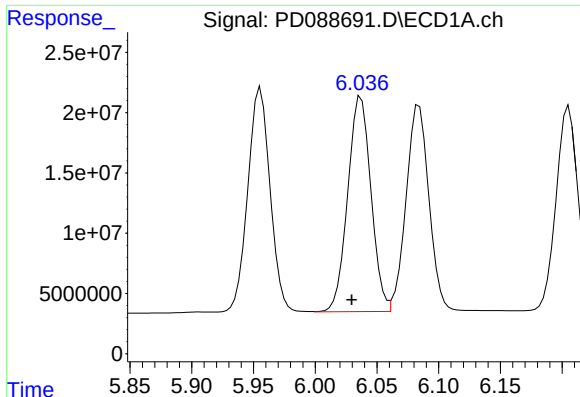
#10 gamma-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.007 min  
Response: 235194381  
Conc: 58.96 ng/ml



#10 gamma-Chlordane

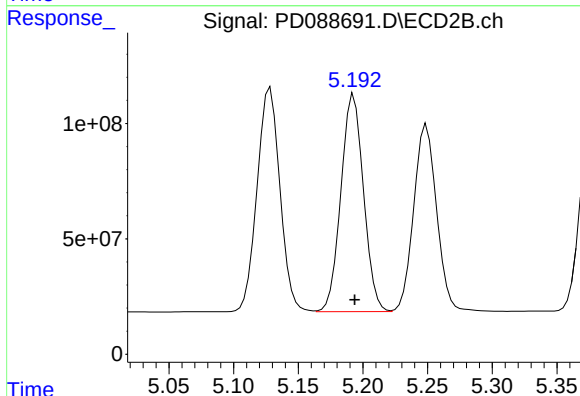
R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 1195414345  
Conc: 56.04 ng/ml



#11 alpha-Chlordane

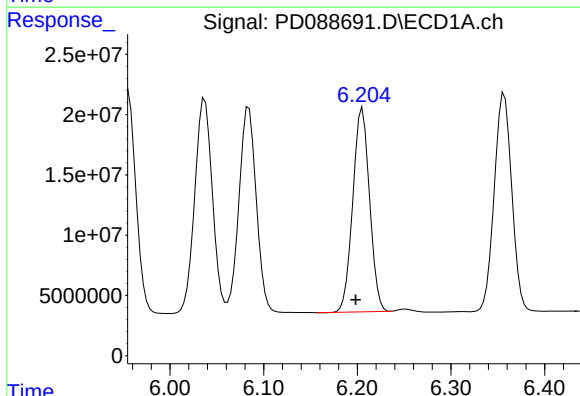
R.T.: 6.037 min  
Delta R.T.: 0.007 min  
Response: 233909978  
Conc: 58.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



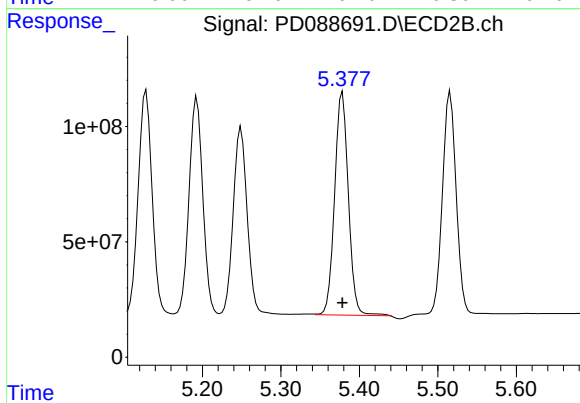
#11 alpha-Chlordane

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 1143173920  
Conc: 55.43 ng/ml



#12 4,4'-DDE

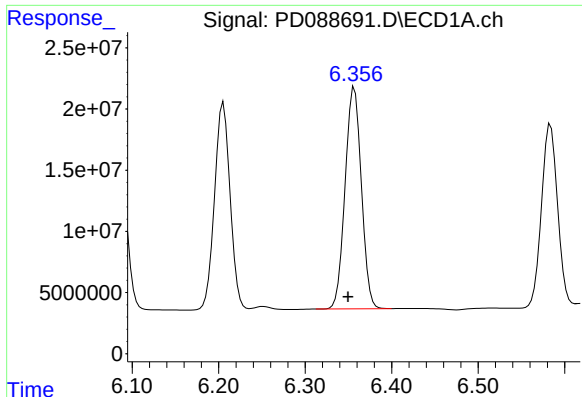
R.T.: 6.206 min  
Delta R.T.: 0.007 min  
Response: 210153016  
Conc: 58.55 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 1177559382  
Conc: 56.34 ng/ml

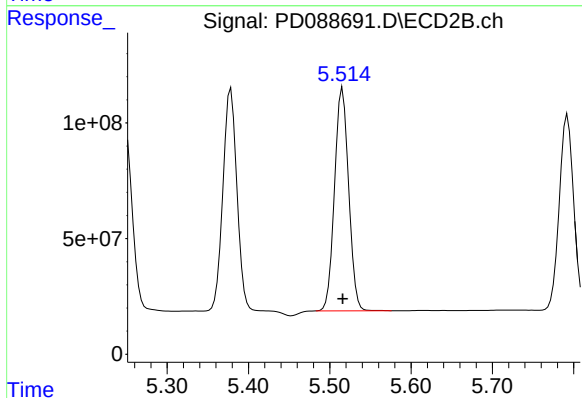




#13 Dieldrin

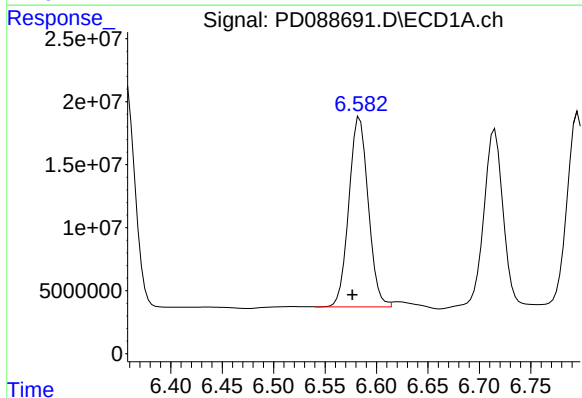
R.T.: 6.357 min  
Delta R.T.: 0.007 min  
Response: 235567799  
Conc: 58.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



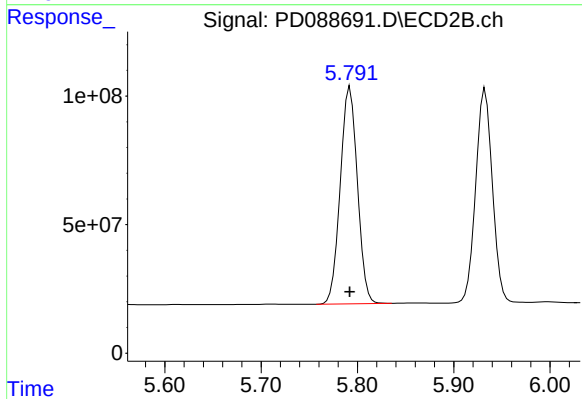
#13 Dieldrin

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 1163722310  
Conc: 55.30 ng/ml



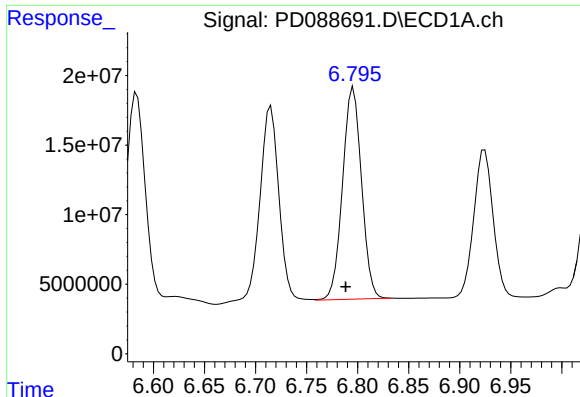
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.007 min  
Response: 197545251  
Conc: 57.84 ng/ml



#14 Endrin

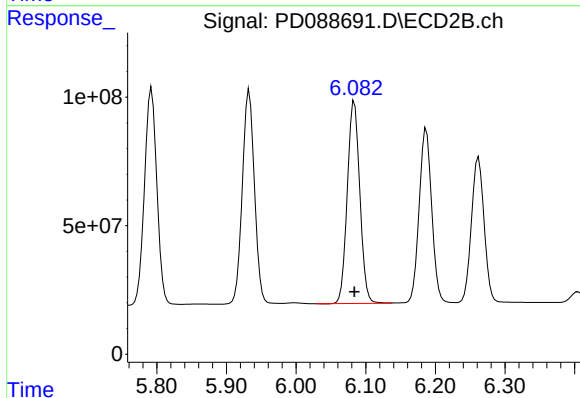
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 1041021721  
Conc: 53.98 ng/ml



#15 Endosulfan II

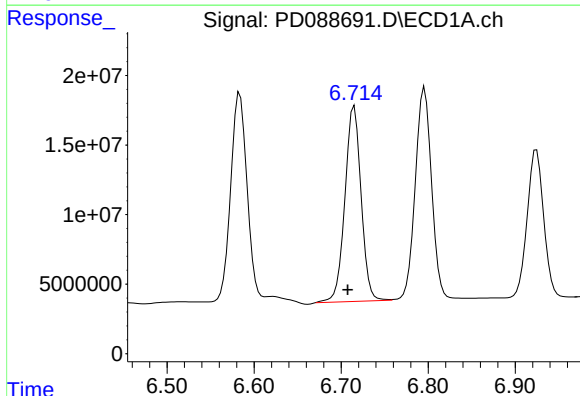
R.T.: 6.796 min  
Delta R.T.: 0.007 min  
Response: 197186263  
Conc: 57.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



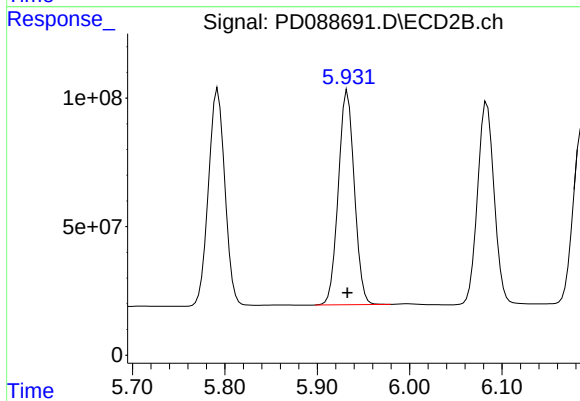
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 984007355  
Conc: 53.71 ng/ml



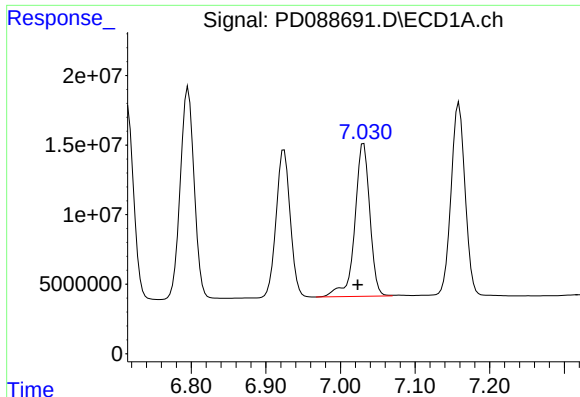
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.008 min  
Response: 181657774  
Conc: 65.22 ng/ml



#16 4,4'-DDD

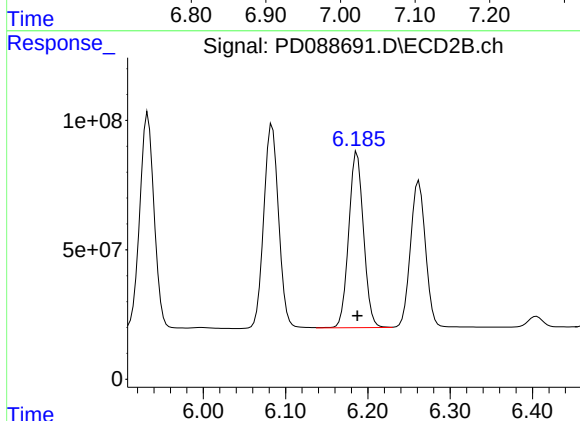
R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 1004789780  
Conc: 57.77 ng/ml



#17 4,4'-DDT

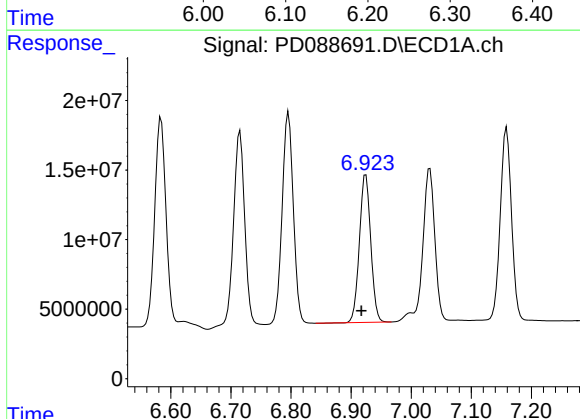
R.T.: 7.031 min  
Delta R.T.: 0.008 min  
Response: 153939363  
Conc: 49.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



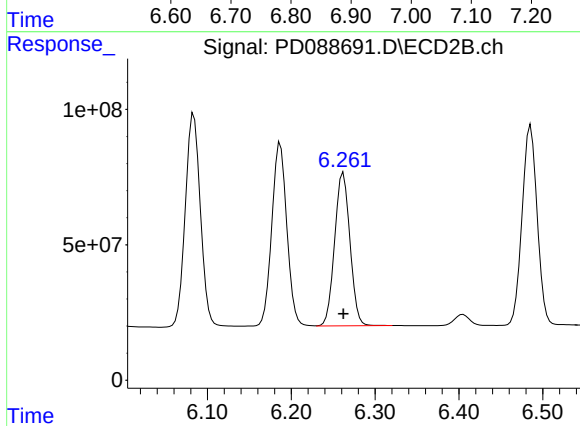
#17 4,4'-DDT

R.T.: 6.187 min  
Delta R.T.: 0.000 min  
Response: 848156920  
Conc: 46.76 ng/ml



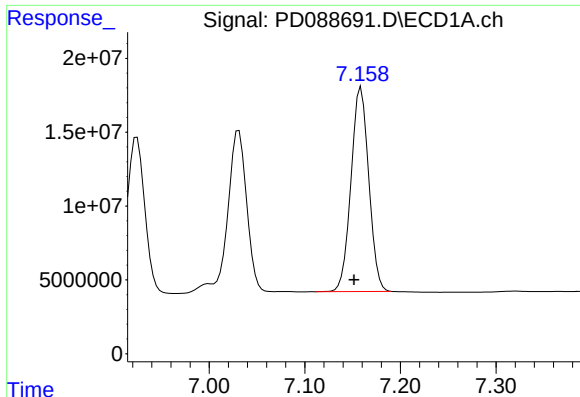
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.007 min  
Response: 139272314  
Conc: 54.09 ng/ml



#18 Endrin aldehyde

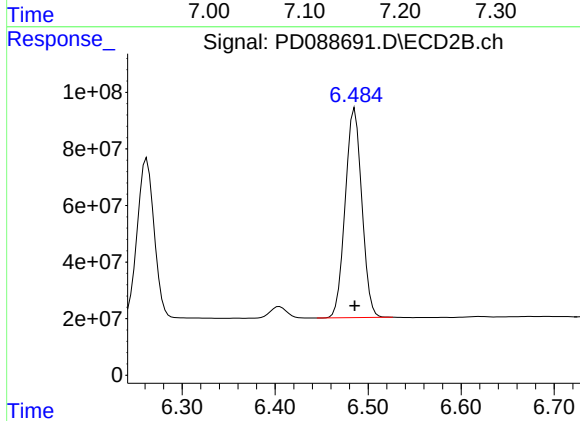
R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 716046251  
Conc: 51.41 ng/ml



#19 Endosulfan Sulfate

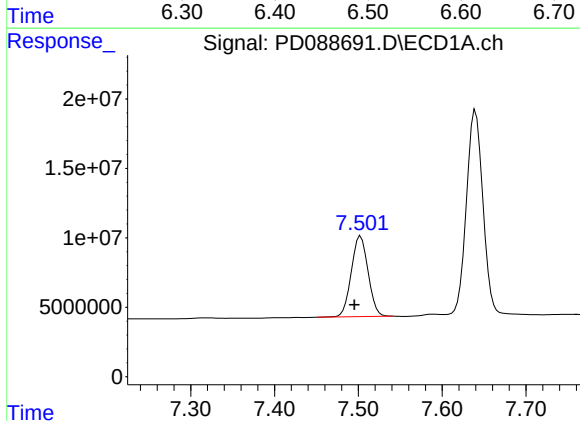
R.T.: 7.159 min  
Delta R.T.: 0.007 min  
Response: 178829062  
Conc: 55.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



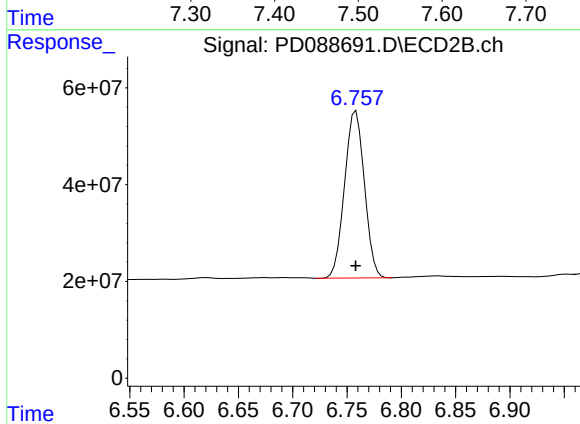
#19 Endosulfan Sulfate

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 918578824  
Conc: 51.73 ng/ml



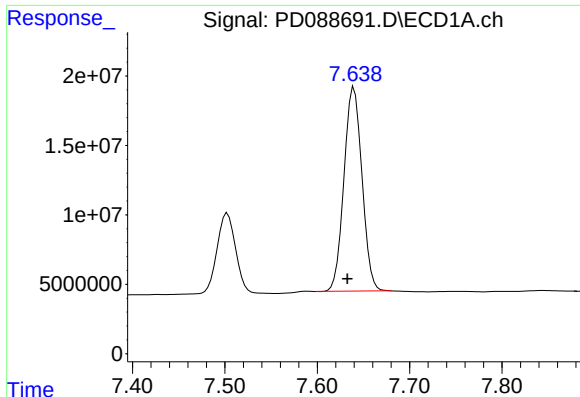
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.008 min  
Response: 80985098  
Conc: 48.48 ng/ml



#20 Methoxychlor

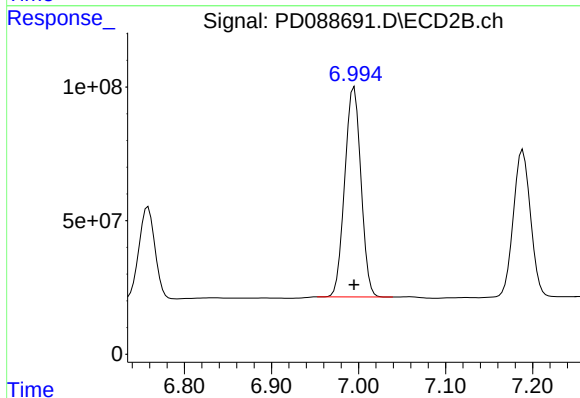
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 438648090  
Conc: 45.81 ng/ml



#21 Endrin ketone

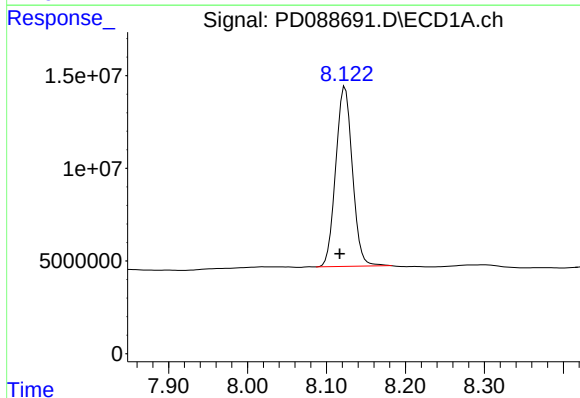
R.T.: 7.640 min  
Delta R.T.: 0.007 min  
Response: 199154455  
Conc: 58.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



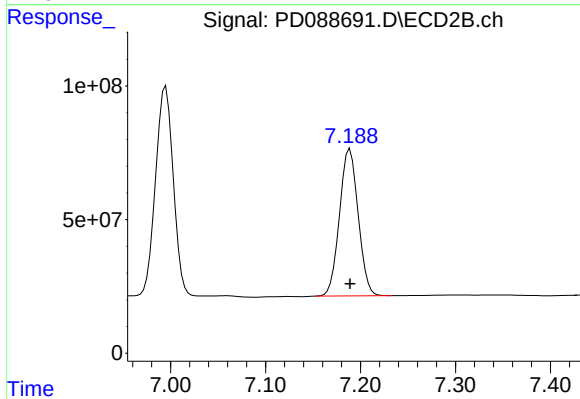
#21 Endrin ketone

R.T.: 6.995 min  
Delta R.T.: 0.000 min  
Response: 1016482324  
Conc: 52.54 ng/ml



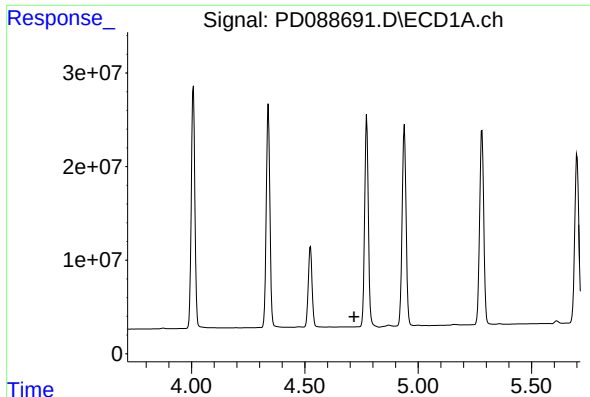
#22 Mirex

R.T.: 8.124 min  
Delta R.T.: 0.007 min  
Response: 142222069  
Conc: 54.74 ng/ml



#22 Mirex

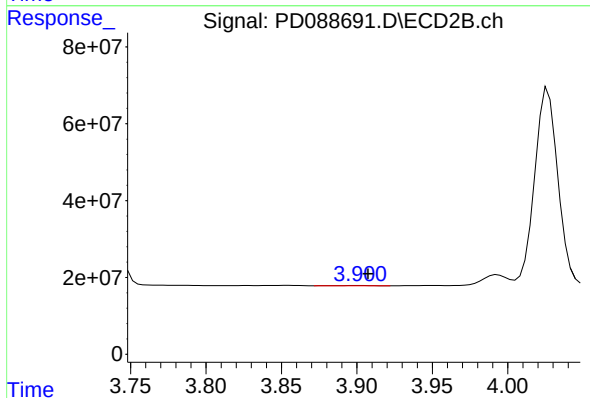
R.T.: 7.189 min  
Delta R.T.: 0.000 min  
Response: 752622481  
Conc: 49.51 ng/ml



#23 Chlordane-1

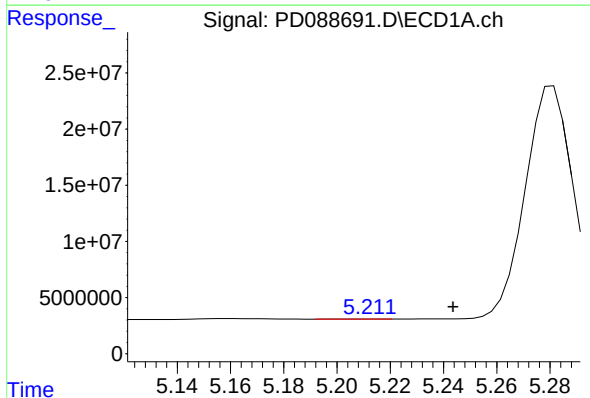
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



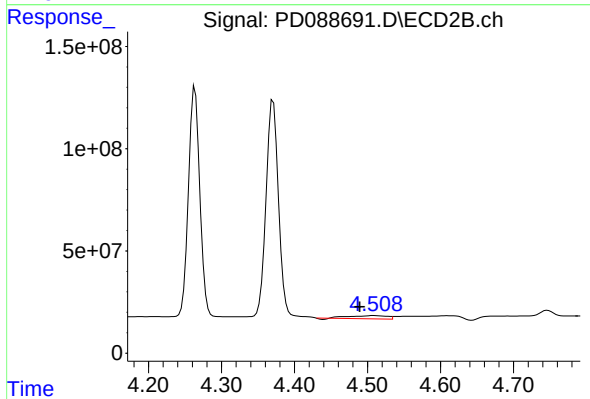
#23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: -0.006 min  
Response: 1285079  
Conc: 1.56 ng/ml



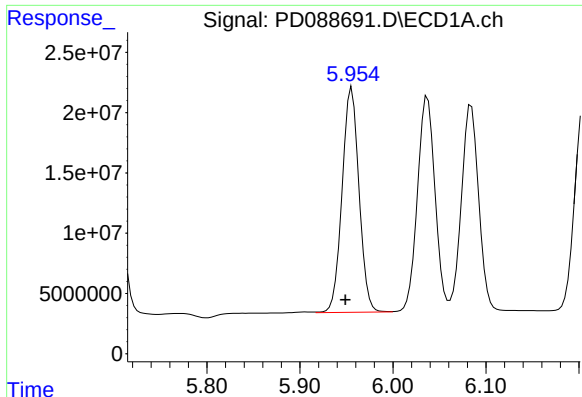
#24 Chlordane-2

R.T.: 5.216 min  
Delta R.T.: -0.028 min  
Response: 66001  
Conc: 0.36 ng/ml



#24 Chlordane-2

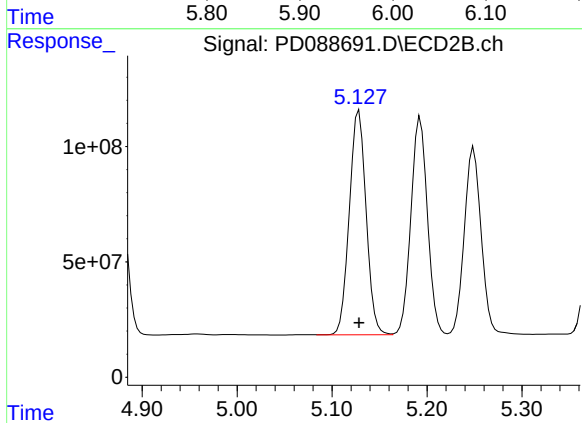
R.T.: 4.509 min  
Delta R.T.: 0.020 min  
Response: 54120303  
Conc: 64.12 ng/ml



#25 Chlordane-3

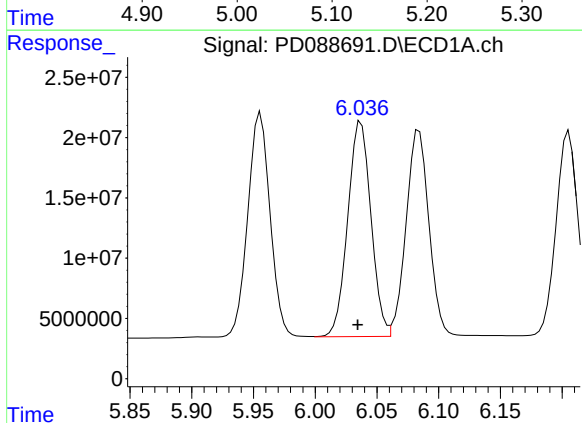
R.T.: 5.956 min  
Delta R.T.: 0.007 min  
Response: 235194381  
Conc: 317.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



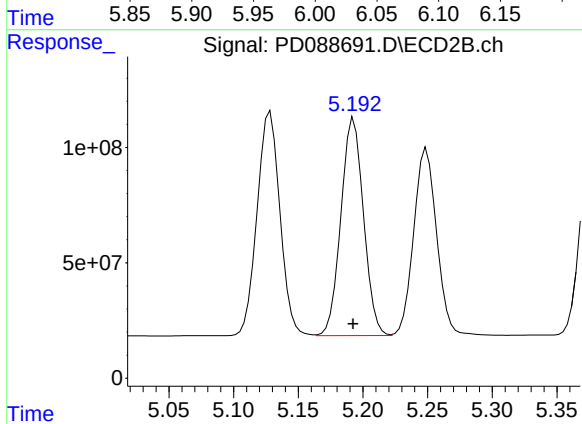
#25 Chlordane-3

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 1195414345  
Conc: 453.35 ng/ml



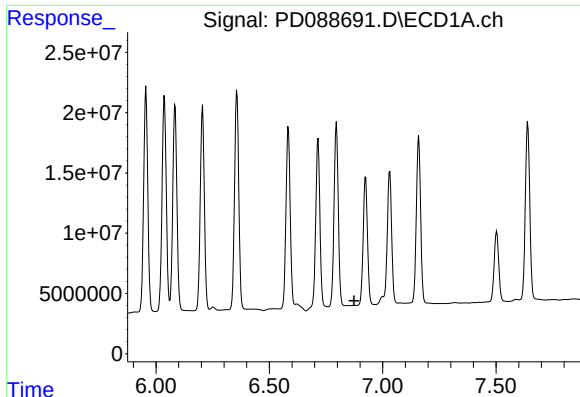
#26 Chlordane-4

R.T.: 6.037 min  
Delta R.T.: 0.003 min  
Response: 233909978  
Conc: 261.01 ng/ml



#26 Chlordane-4

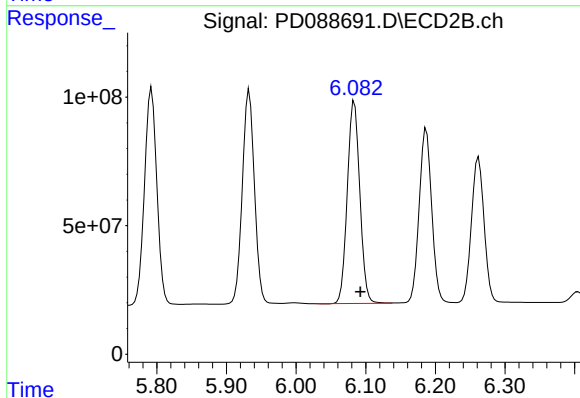
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 1143173920  
Conc: 516.69 ng/ml



#27 Chlordane-5

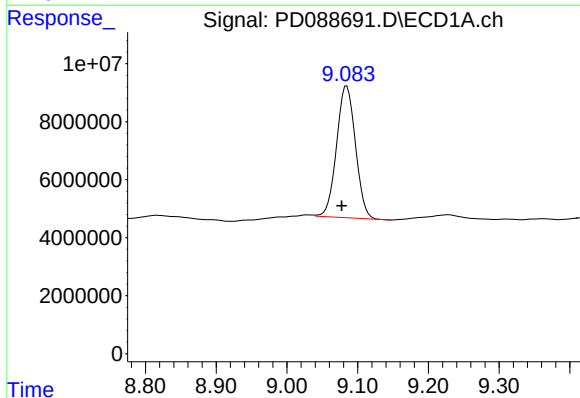
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB168101BS



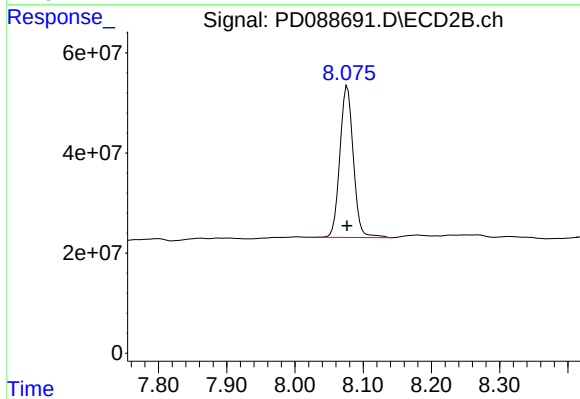
#27 Chlordane-5

R.T.: 6.084 min  
Delta R.T.: -0.009 min  
Response: 984007355  
Conc: 983.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.007 min  
Response: 84348608  
Conc: 24.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.077 min  
Delta R.T.: 0.000 min  
Response: 414788154  
Conc: 22.72 ng/ml