

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032824\  
 Data File : PL088817.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2024 13:28  
 Operator : AR\AJ  
 Sample : PB159834BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB159834BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:32:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.636 | 2.852 | 50546695 | 25824538 | 19.074  | 19.377    |
| 28)                         | SA Decachlor... | 9.303 | 8.079 | 39210655 | 26192099 | 15.862  | 19.317    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.101 | 3.366 | 199.8E6  | 102.6E6  | 50.063  | 51.052    |
| 3)                          | MA gamma-BHC... | 4.439 | 3.703 | 189.3E6  | 97055063 | 48.810  | 50.573    |
| 4)                          | MA Heptachlor   | 5.038 | 4.051 | 188.0E6  | 95272158 | 49.510  | 52.937    |
| 5)                          | MB Aldrin       | 5.385 | 4.336 | 178.9E6  | 92302398 | 48.826  | 51.078    |
| 6)                          | B beta-BHC      | 4.636 | 4.004 | 88511095 | 43207295 | 49.909  | 50.403    |
| 7)                          | B delta-BHC     | 4.888 | 4.239 | 184.2E6  | 93562224 | 45.715  | 48.907    |
| 8)                          | B Heptachlo...  | 5.817 | 4.846 | 170.9E6  | 86223740 | 49.762  | 52.432    |
| 9)                          | A Endosulfan I  | 6.208 | 5.222 | 152.2E6  | 81221795 | 49.788  | 54.031    |
| 10)                         | B gamma-Chl...  | 6.076 | 5.101 | 173.4E6  | 90511616 | 52.052  | 54.646    |
| 11)                         | B alpha-Chl...  | 6.157 | 5.166 | 169.0E6  | 89726849 | 50.847  | 54.054    |
| 12)                         | B 4,4'-DDE      | 6.331 | 5.358 | 148.5E6  | 80819490 | 49.711  | 55.409    |
| 13)                         | MA Dieldrin     | 6.486 | 5.491 | 161.3E6  | 87653846 | 49.744  | 53.969    |
| 14)                         | MA Endrin       | 6.719 | 5.770 | 119.3E6  | 70392625 | 43.640  | 48.835    |
| 15)                         | B Endosulfa...  | 6.940 | 6.068 | 136.8E6  | 77798771 | 47.777  | 54.106    |
| 16)                         | A 4,4'-DDD      | 6.853 | 5.920 | 124.7E6  | 71619021 | 48.966  | 57.508    |
| 17)                         | MA 4,4'-DDT     | 7.171 | 6.175 | 123.2E6  | 68081164 | 46.222  | 50.724    |
| 18)                         | B Endrin al...  | 7.071 | 6.249 | 90401874 | 59268318 | 43.299  | 56.557 #  |
| 19)                         | B Endosulfa...  | 7.307 | 6.475 | 129.9E6  | 74566461 | 47.059  | 53.744    |
| 20)                         | A Methoxychlor  | 7.652 | 6.758 | 61885002 | 37227929 | 41.078  | 46.415    |
| 21)                         | B Endrin ke...  | 7.799 | 6.988 | 146.4E6  | 90177775 | 49.517  | 54.630    |
| 22)                         | Mirex           | 8.281 | 7.174 | 109.9E6  | 70477508 | 46.876  | 52.266    |
| 23)                         | Chlordane-1     | 0.000 | 3.873 | 0        | 17601    | N.D.    | 0.362 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.475 | 0        | 466393   | N.D.    | 7.682 #   |
| 25)                         | Chlordane-3     | 6.076 | 5.101 | 173.4E6  | 90511616 | 348.678 | 530.329 # |
| 26)                         | Chlordane-4     | 6.157 | 5.166 | 169.0E6  | 89726849 | 281.762 | 562.410 # |
| 27)                         | Chlordane-5     | 0.000 | 5.842 | 0        | 315745   | N.D.    | 6.226 #   |
| -----                       |                 |       |       |          |          |         |           |

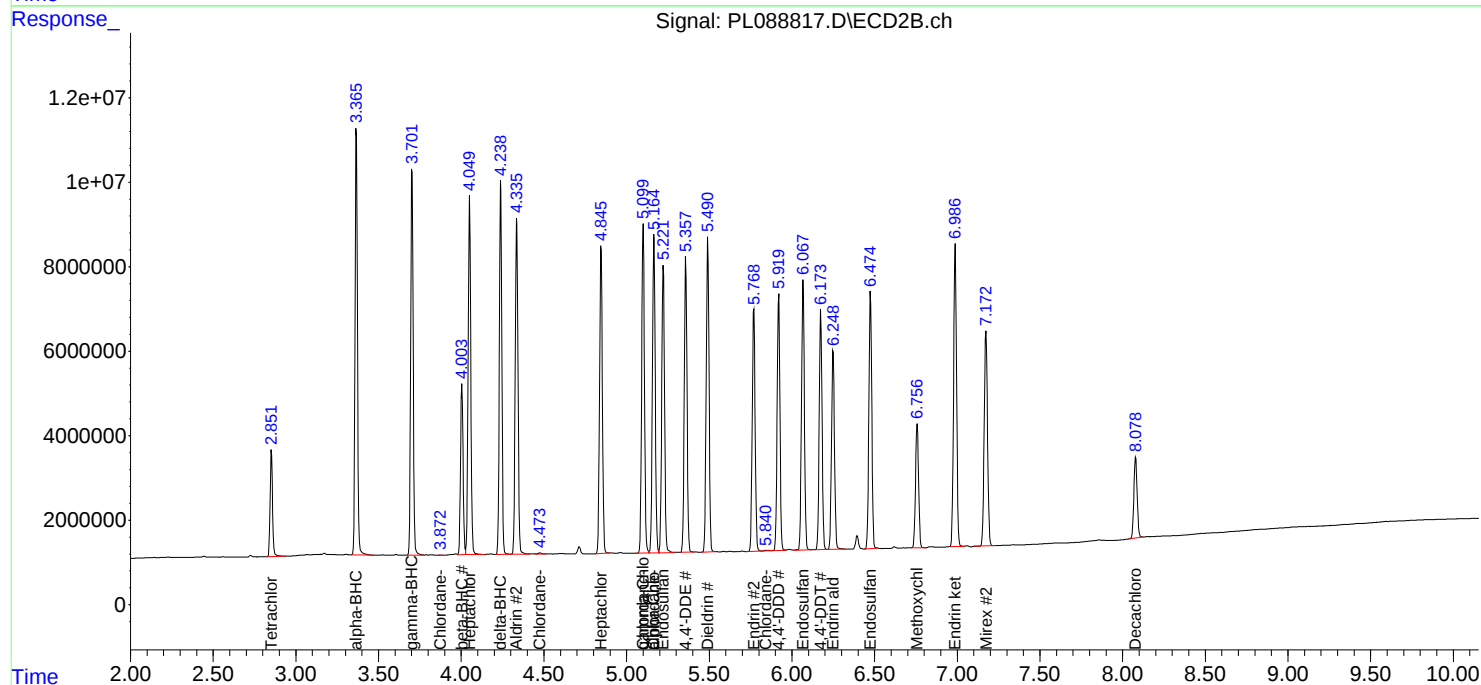
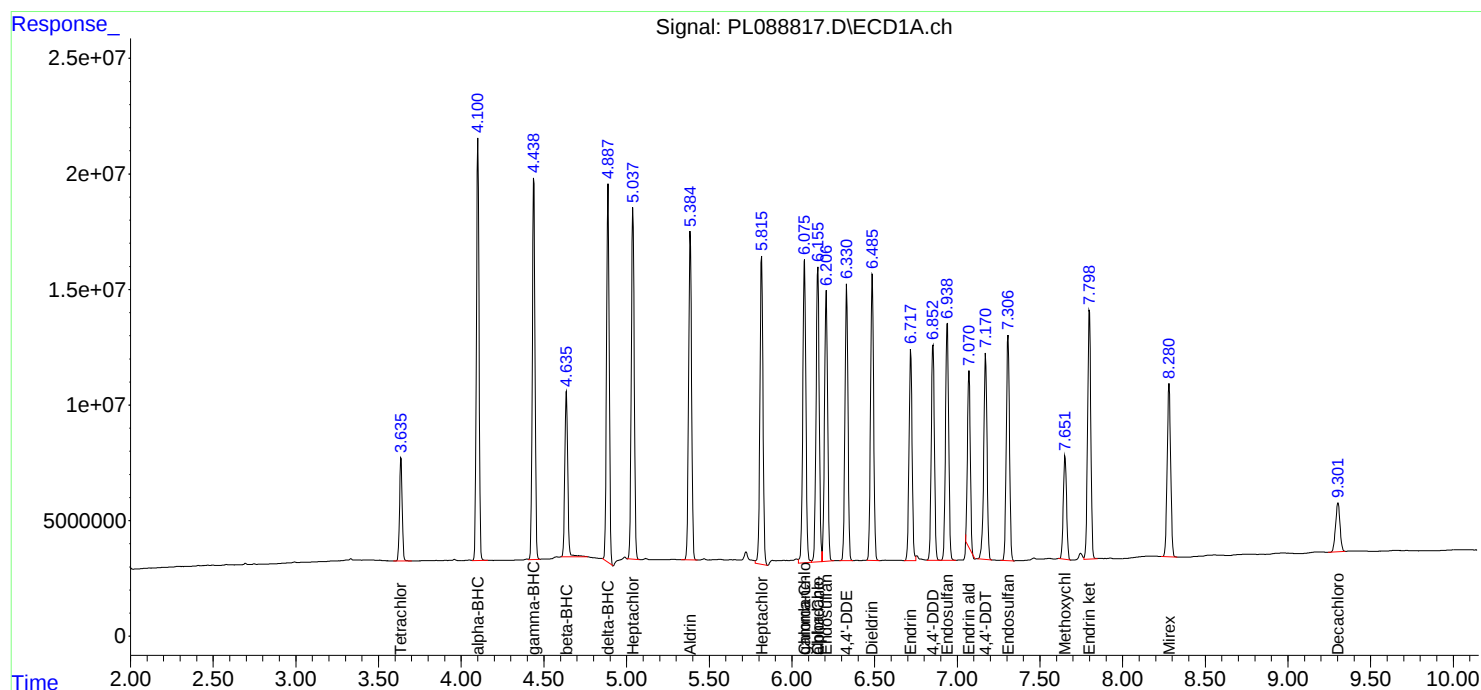
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

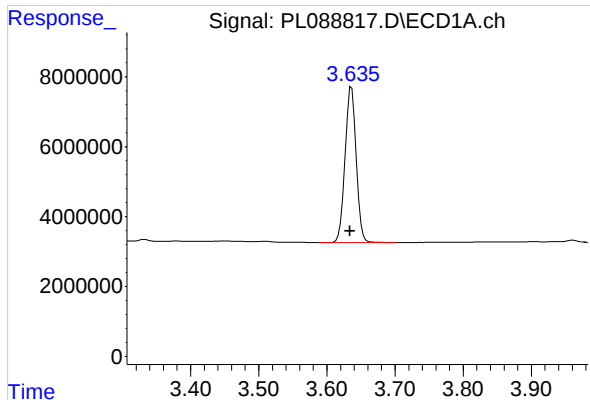
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032824\  
Data File : PL088817.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2024 13:28  
Operator : AR\AJ  
Sample : PB159834BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:32:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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 x0.5µm

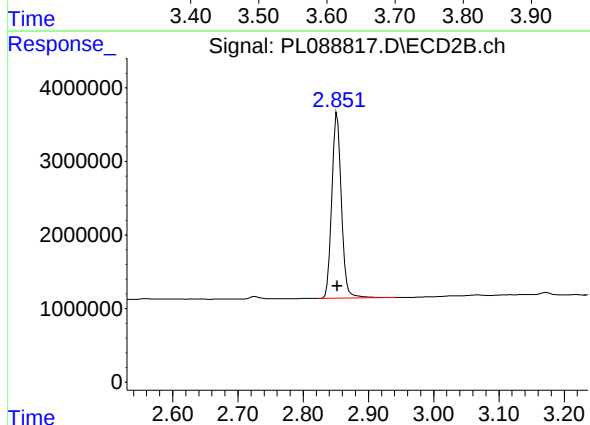




#1 Tetrachloro-m-xylene

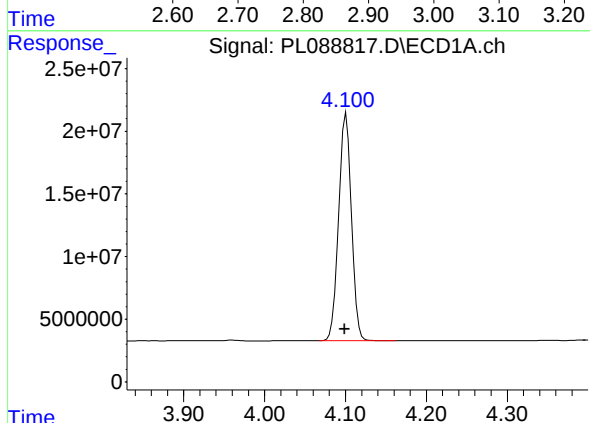
R.T.: 3.636 min  
Delta R.T.: 0.002 min  
Response: 50546695  
Conc: 19.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



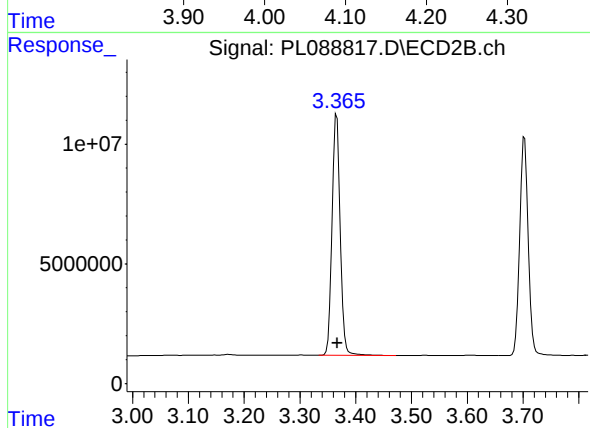
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 25824538  
Conc: 19.38 ng/ml



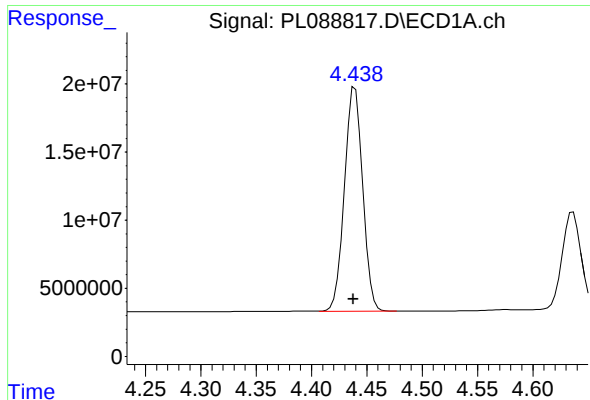
#2 alpha-BHC

R.T.: 4.101 min  
Delta R.T.: 0.002 min  
Response: 199834647  
Conc: 50.06 ng/ml



#2 alpha-BHC

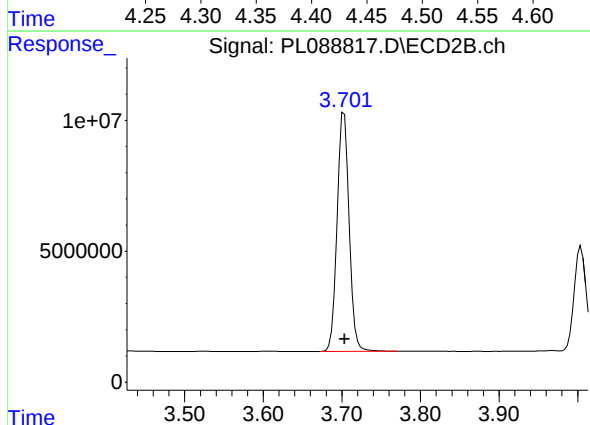
R.T.: 3.366 min  
Delta R.T.: -0.001 min  
Response: 102586824  
Conc: 51.05 ng/ml



#3 gamma-BHC (Lindane)

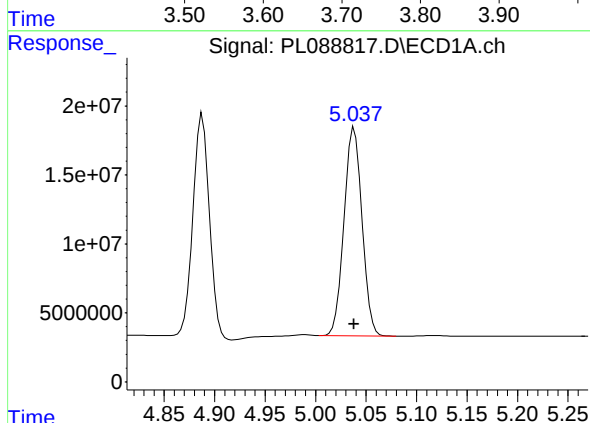
R.T.: 4.439 min  
Delta R.T.: 0.002 min  
Response: 189294272  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



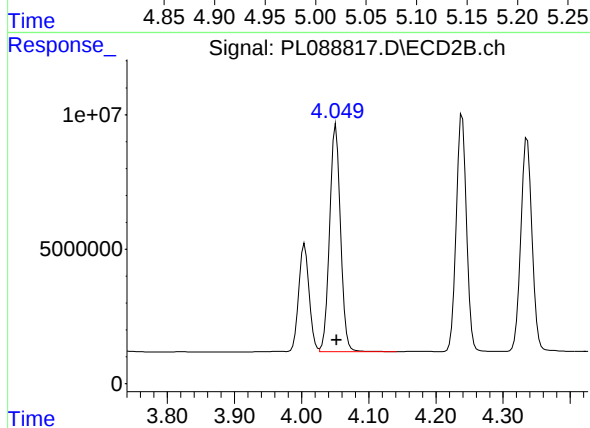
#3 gamma-BHC (Lindane)

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 97055063  
Conc: 50.57 ng/ml



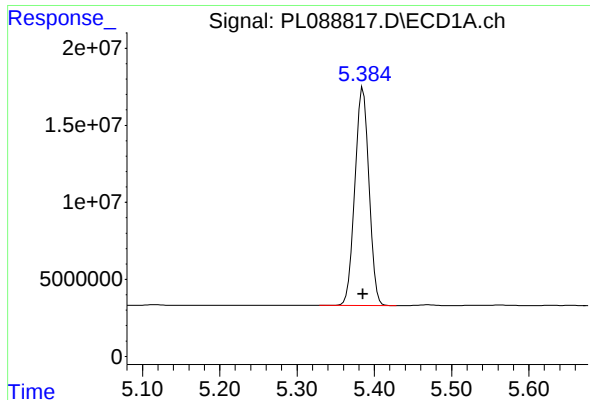
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 188011410  
Conc: 49.51 ng/ml



#4 Heptachlor

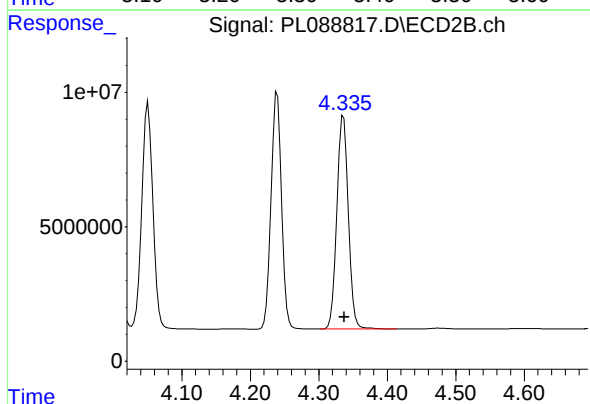
R.T.: 4.051 min  
Delta R.T.: -0.001 min  
Response: 95272158  
Conc: 52.94 ng/ml



#5 Aldrin

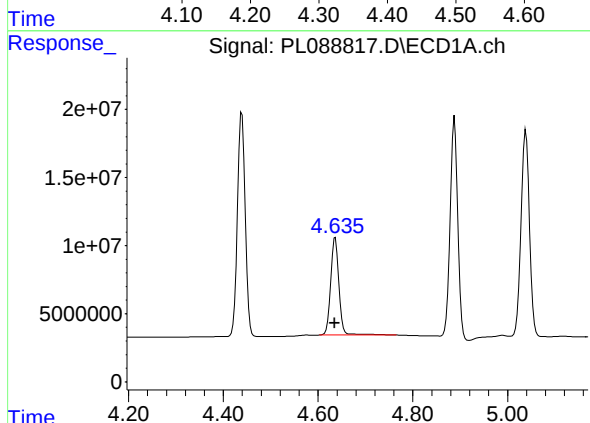
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 178922484  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



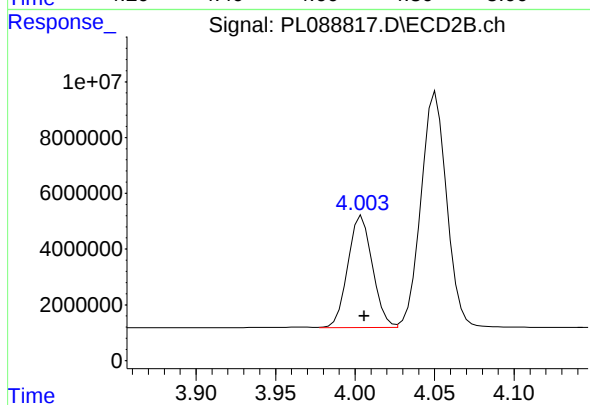
#5 Aldrin

R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 92302398  
Conc: 51.08 ng/ml



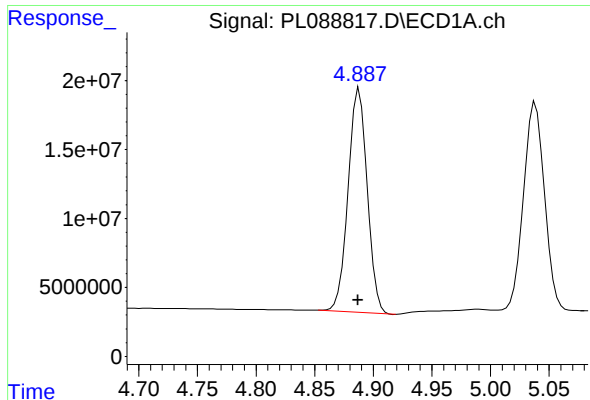
#6 beta-BHC

R.T.: 4.636 min  
Delta R.T.: 0.001 min  
Response: 88511095  
Conc: 49.91 ng/ml



#6 beta-BHC

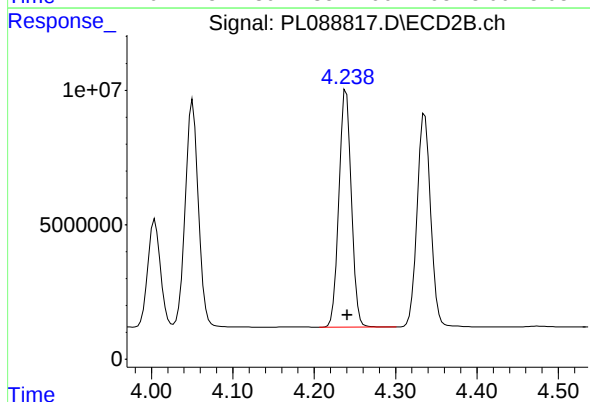
R.T.: 4.004 min  
Delta R.T.: -0.002 min  
Response: 43207295  
Conc: 50.40 ng/ml



#7 delta-BHC

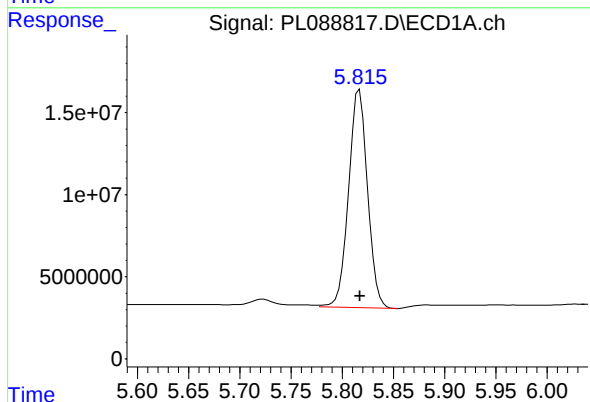
R.T.: 4.888 min  
Delta R.T.: 0.001 min  
Response: 184150913  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



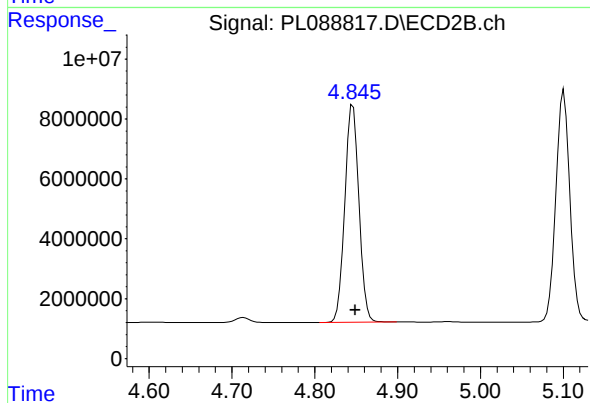
#7 delta-BHC

R.T.: 4.239 min  
Delta R.T.: -0.001 min  
Response: 93562224  
Conc: 48.91 ng/ml



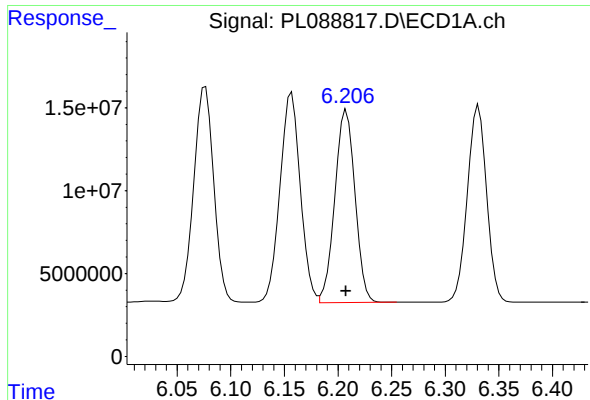
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 170931996  
Conc: 49.76 ng/ml



#8 Heptachlor epoxide

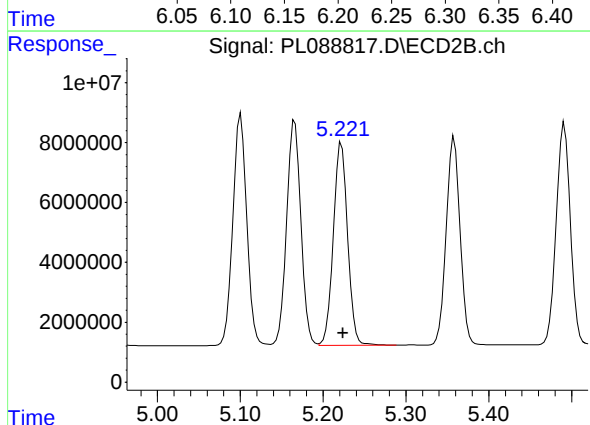
R.T.: 4.846 min  
Delta R.T.: -0.003 min  
Response: 86223740  
Conc: 52.43 ng/ml



#9 Endosulfan I

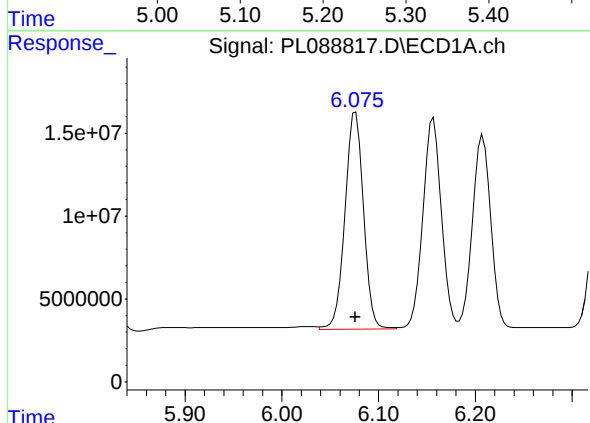
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 152174499  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



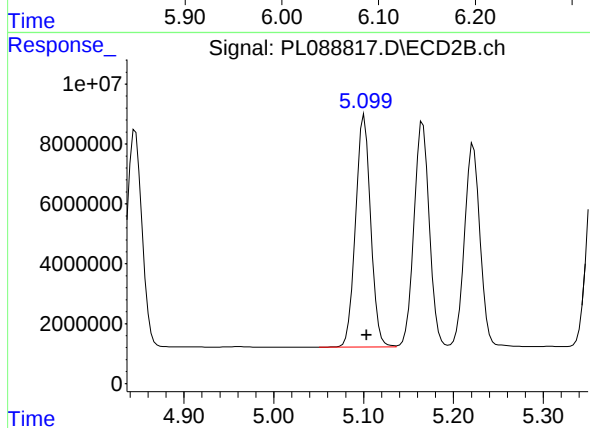
#9 Endosulfan I

R.T.: 5.222 min  
Delta R.T.: -0.002 min  
Response: 81221795  
Conc: 54.03 ng/ml



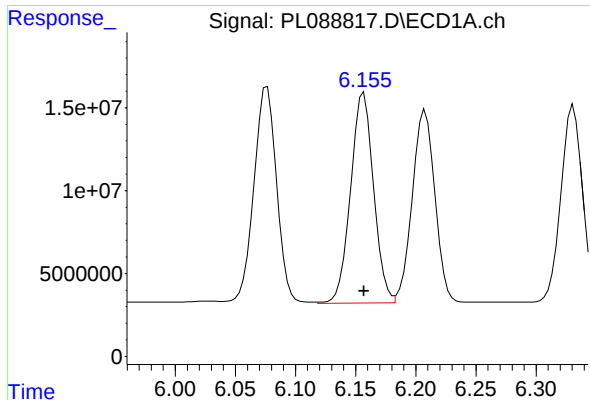
#10 gamma-Chlordane

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 173375128  
Conc: 52.05 ng/ml



#10 gamma-Chlordane

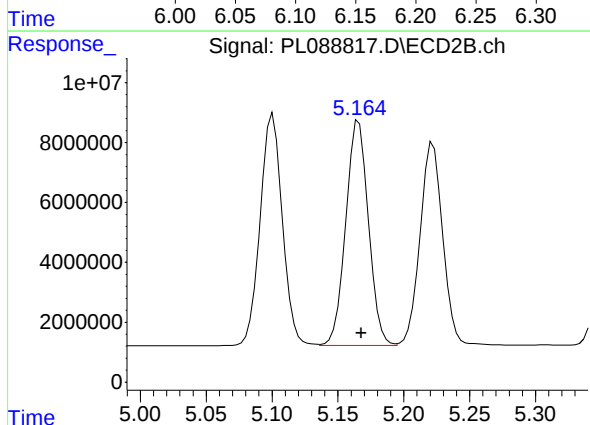
R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 90511616  
Conc: 54.65 ng/ml



#11 alpha-Chlordane

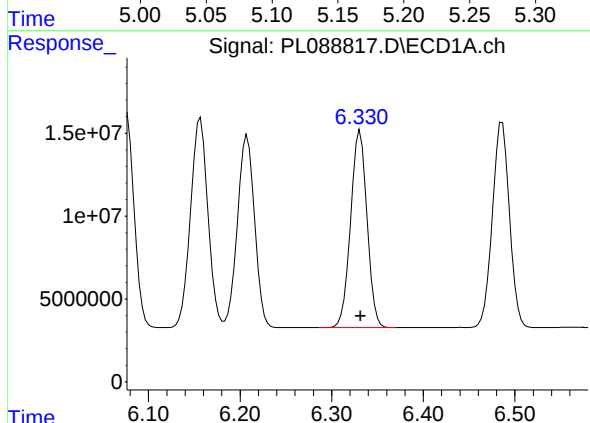
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 169019688  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



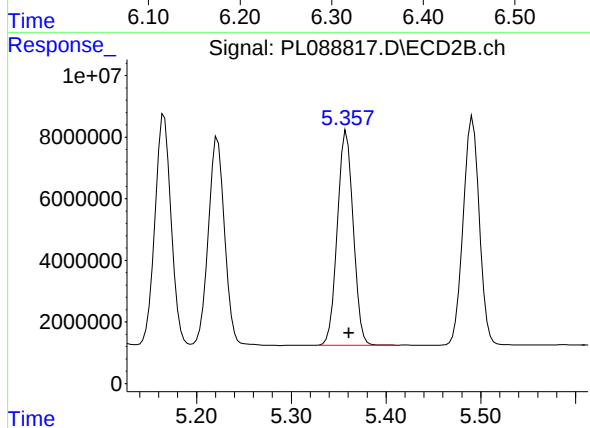
#11 alpha-Chlordane

R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 89726849  
Conc: 54.05 ng/ml



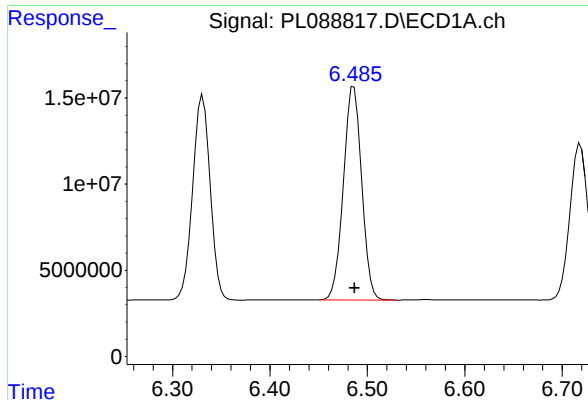
#12 4,4'-DDE

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 148523272  
Conc: 49.71 ng/ml



#12 4,4'-DDE

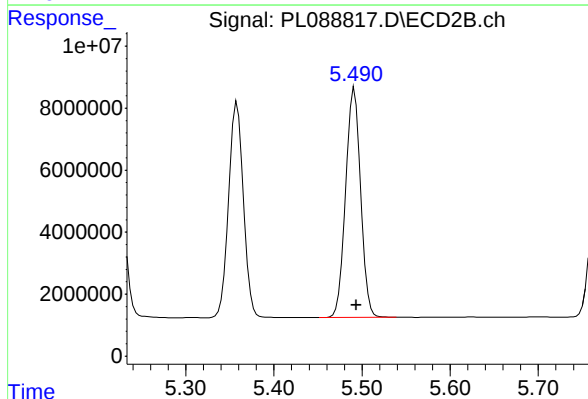
R.T.: 5.358 min  
Delta R.T.: -0.003 min  
Response: 80819490  
Conc: 55.41 ng/ml



#13 Dieldrin

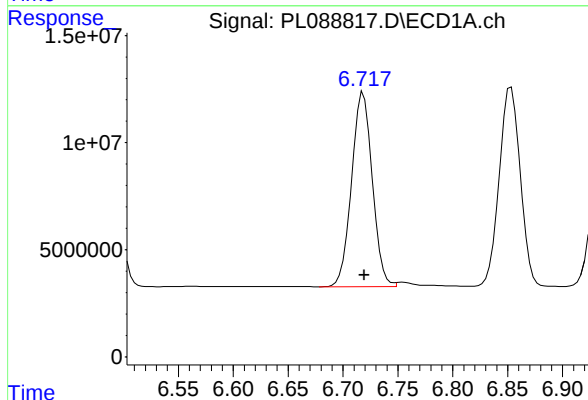
R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 161303843  
Conc: 49.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



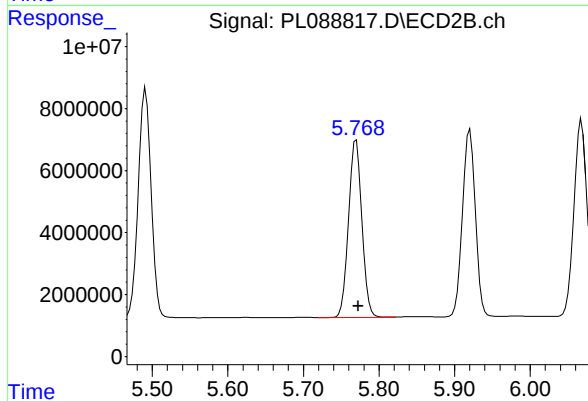
#13 Dieldrin

R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 87653846  
Conc: 53.97 ng/ml



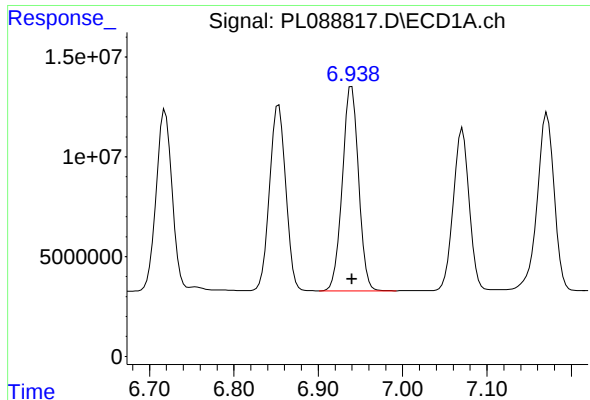
#14 Endrin

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 119300097  
Conc: 43.64 ng/ml



#14 Endrin

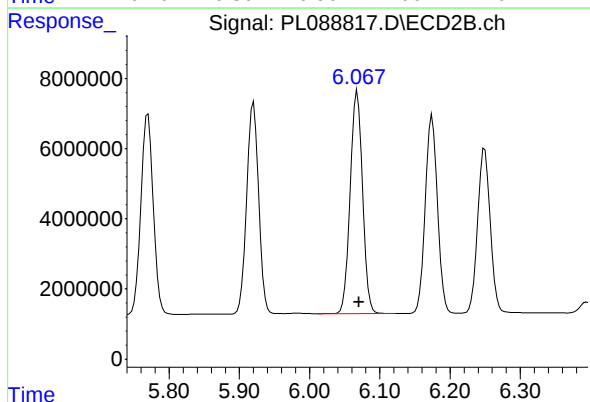
R.T.: 5.770 min  
Delta R.T.: -0.003 min  
Response: 70392625  
Conc: 48.84 ng/ml



#15 Endosulfan II

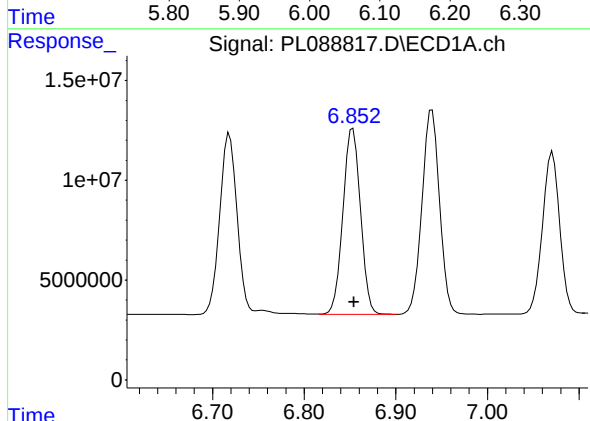
R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 136843269  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



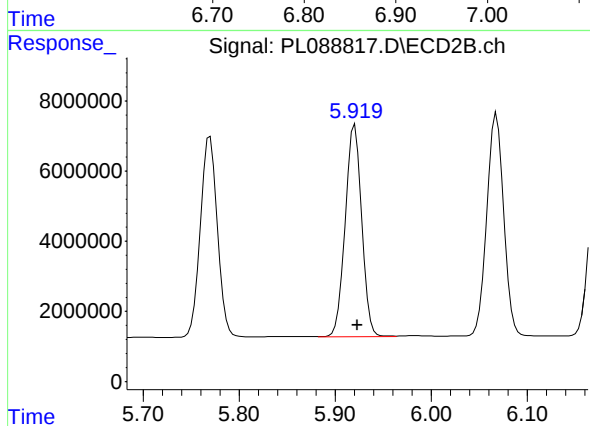
#15 Endosulfan II

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 77798771  
Conc: 54.11 ng/ml



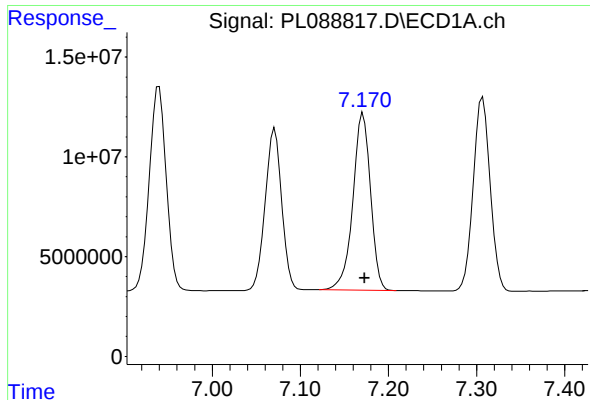
#16 4,4'-DDD

R.T.: 6.853 min  
Delta R.T.: -0.001 min  
Response: 124703571  
Conc: 48.97 ng/ml



#16 4,4'-DDD

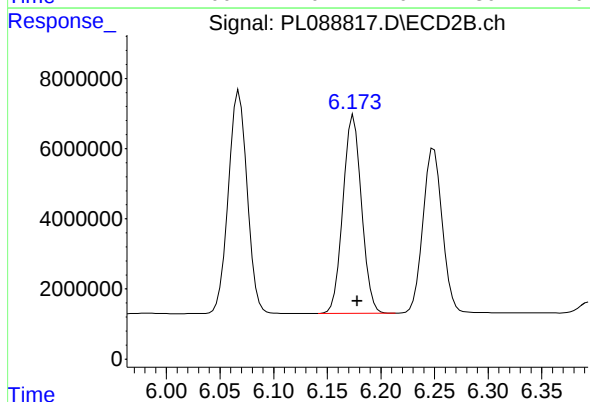
R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 71619021  
Conc: 57.51 ng/ml



#17 4,4'-DDT

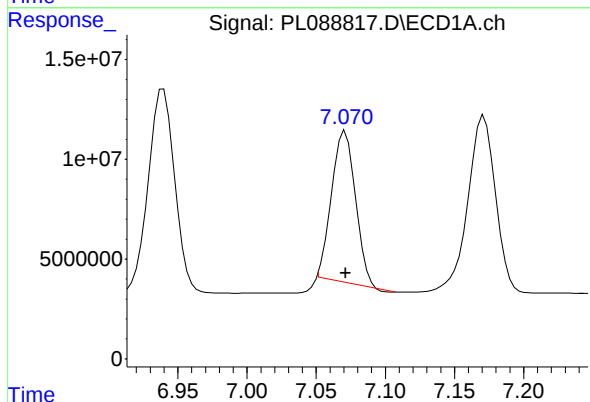
R.T.: 7.171 min  
Delta R.T.: -0.001 min  
Response: 123204209  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



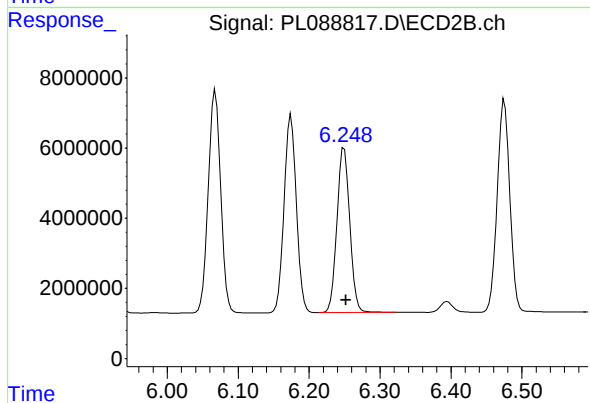
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: -0.003 min  
Response: 68081164  
Conc: 50.72 ng/ml



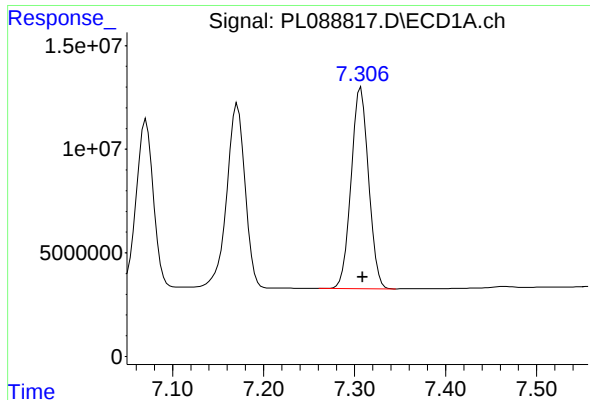
#18 Endrin aldehyde

R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 90401874  
Conc: 43.30 ng/ml



#18 Endrin aldehyde

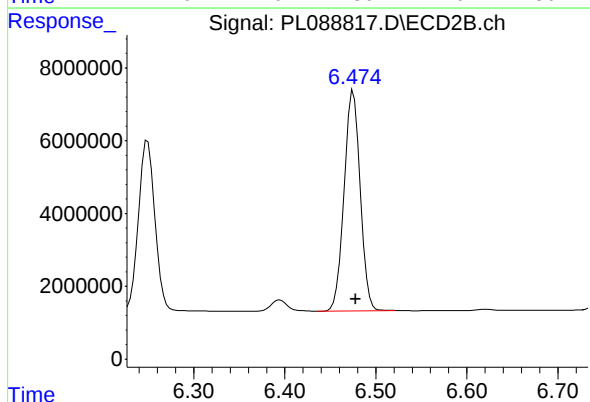
R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 59268318  
Conc: 56.56 ng/ml



#19 Endosulfan Sulfate

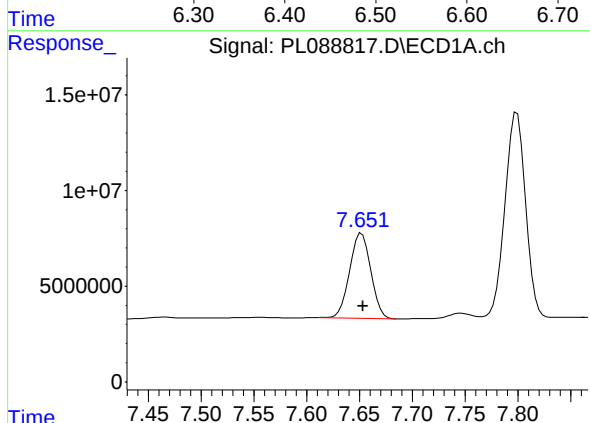
R.T.: 7.307 min  
Delta R.T.: -0.002 min  
Response: 129944818  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



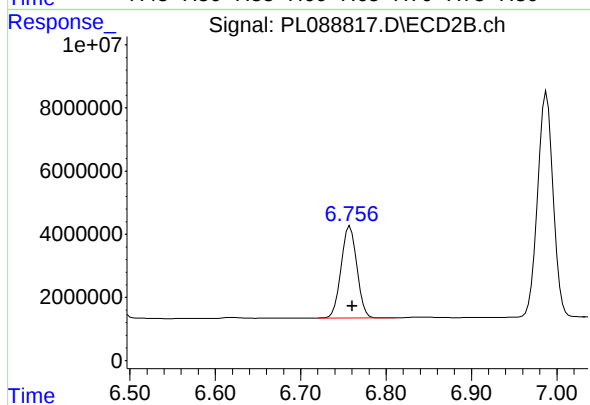
#19 Endosulfan Sulfate

R.T.: 6.475 min  
Delta R.T.: -0.002 min  
Response: 74566461  
Conc: 53.74 ng/ml



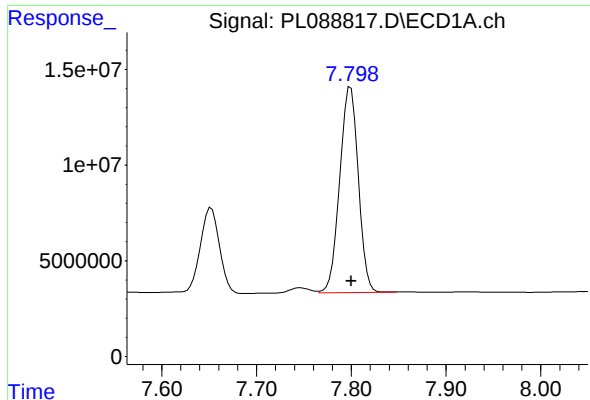
#20 Methoxychlor

R.T.: 7.652 min  
Delta R.T.: -0.001 min  
Response: 61885002  
Conc: 41.08 ng/ml



#20 Methoxychlor

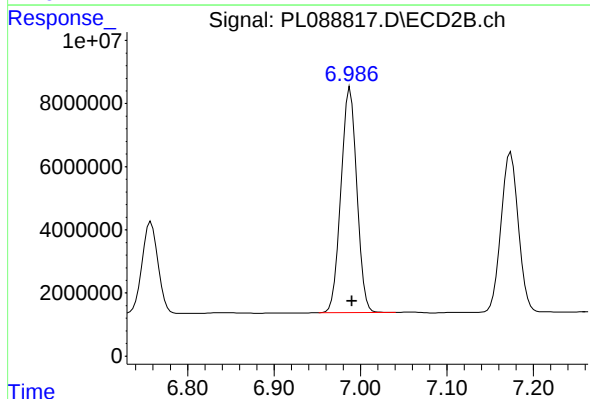
R.T.: 6.758 min  
Delta R.T.: -0.003 min  
Response: 37227929  
Conc: 46.41 ng/ml



#21 Endrin ketone

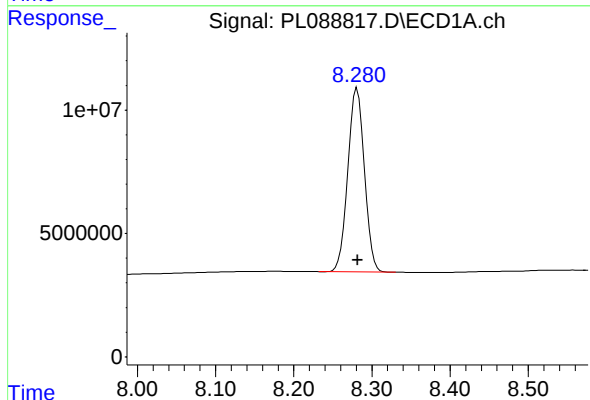
R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 146391787  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



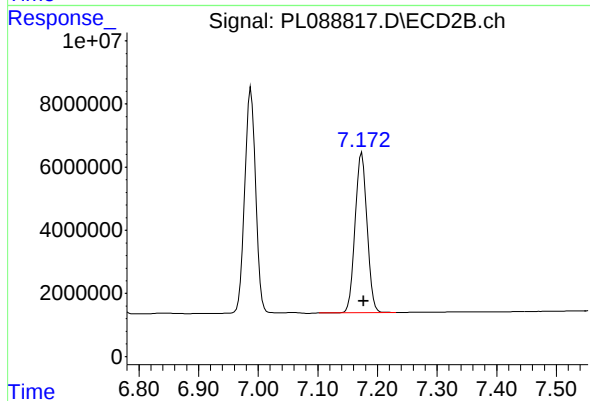
#21 Endrin ketone

R.T.: 6.988 min  
Delta R.T.: -0.002 min  
Response: 90177775  
Conc: 54.63 ng/ml



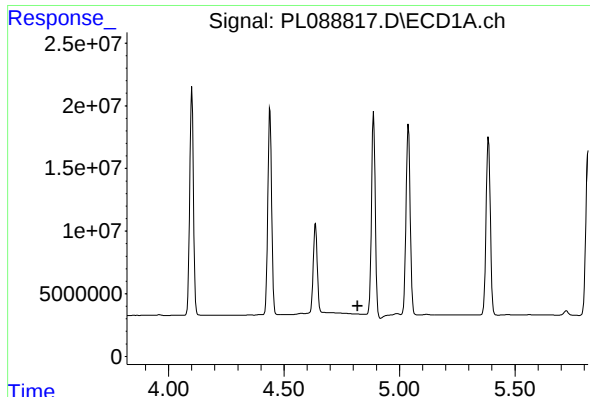
#22 Mirex

R.T.: 8.281 min  
Delta R.T.: 0.000 min  
Response: 109901420  
Conc: 46.88 ng/ml



#22 Mirex

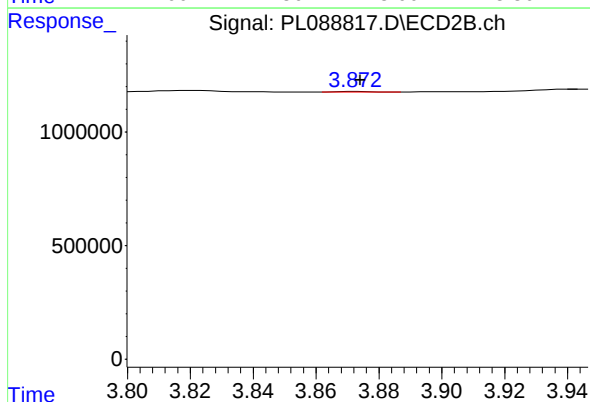
R.T.: 7.174 min  
Delta R.T.: -0.003 min  
Response: 70477508  
Conc: 52.27 ng/ml



#23 Chlordane-1

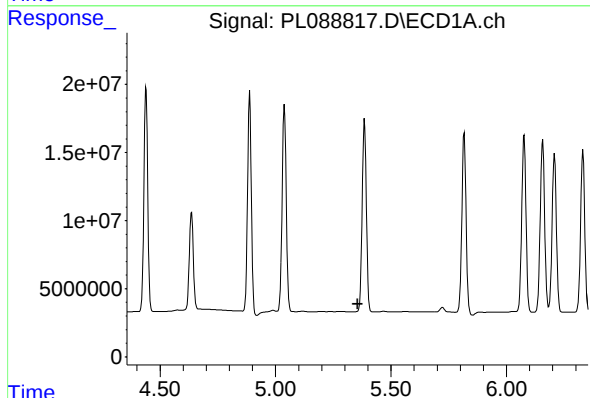
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



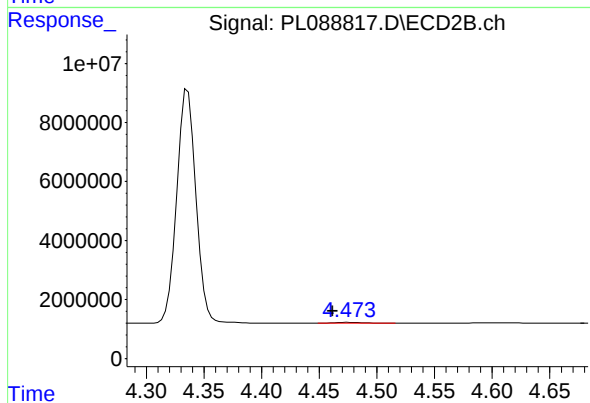
#23 Chlordane-1

R.T.: 3.873 min  
Delta R.T.: 0.000 min  
Response: 17601  
Conc: 0.36 ng/ml



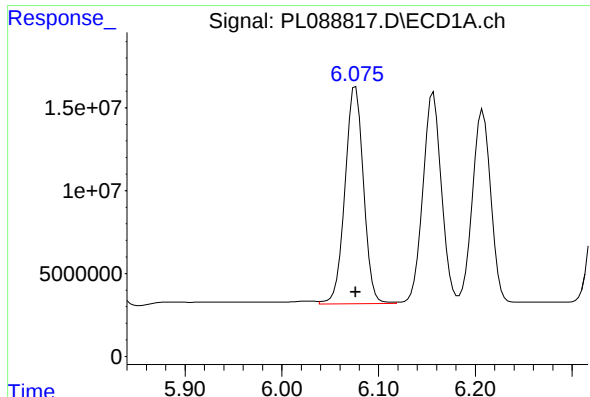
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.355 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

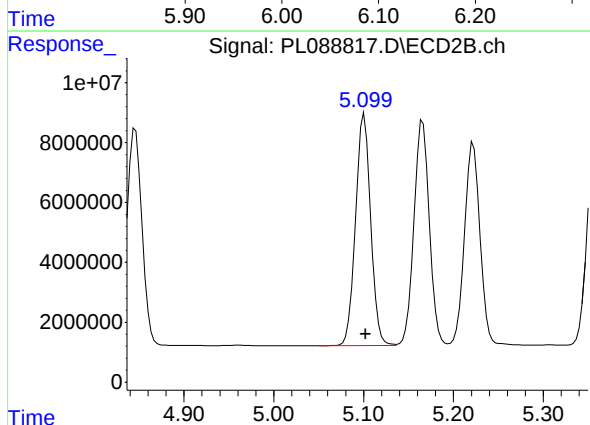
R.T.: 4.475 min  
Delta R.T.: 0.013 min  
Response: 466393  
Conc: 7.68 ng/ml



#25 Chlordane-3

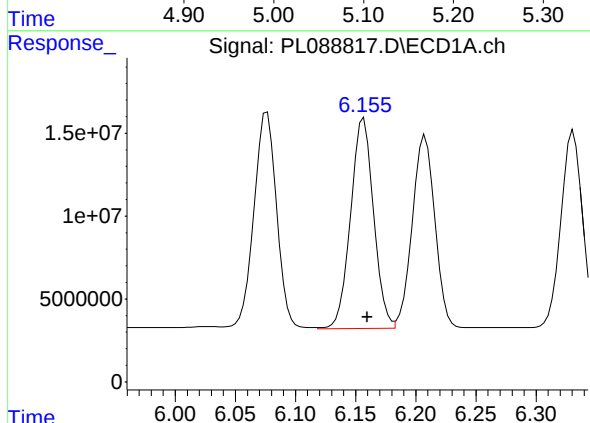
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 173375128  
Conc: 348.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



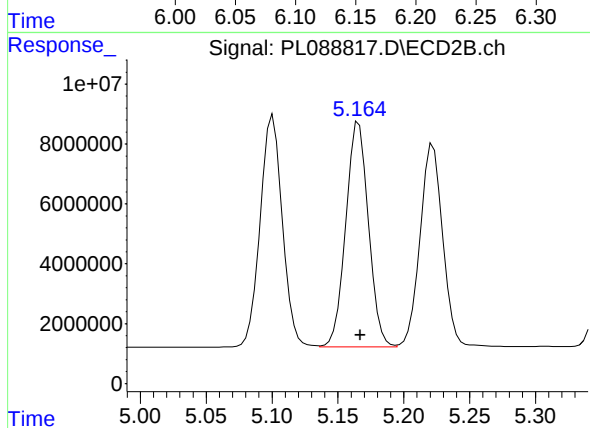
#25 Chlordane-3

R.T.: 5.101 min  
Delta R.T.: -0.002 min  
Response: 90511616  
Conc: 530.33 ng/ml



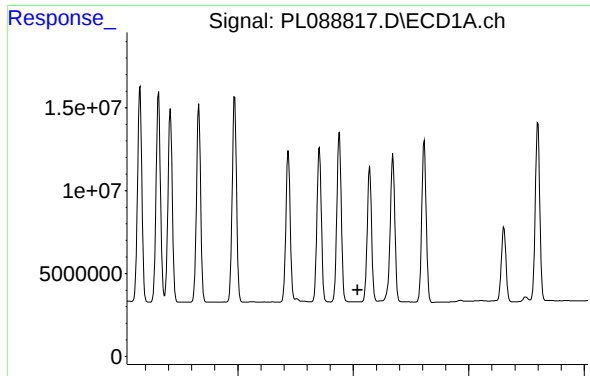
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 169019688  
Conc: 281.76 ng/ml



#26 Chlordane-4

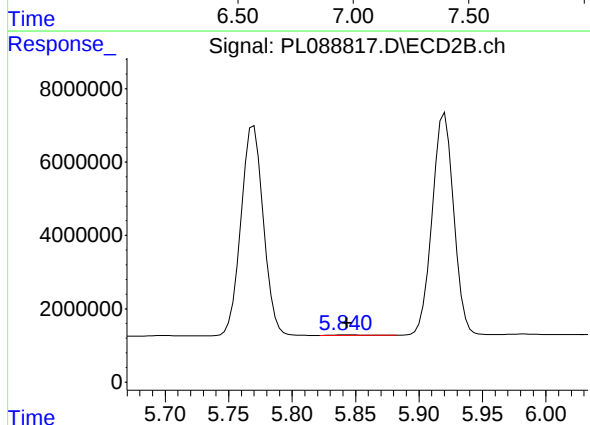
R.T.: 5.166 min  
Delta R.T.: -0.001 min  
Response: 89726849  
Conc: 562.41 ng/ml



#27 Chlordane-5

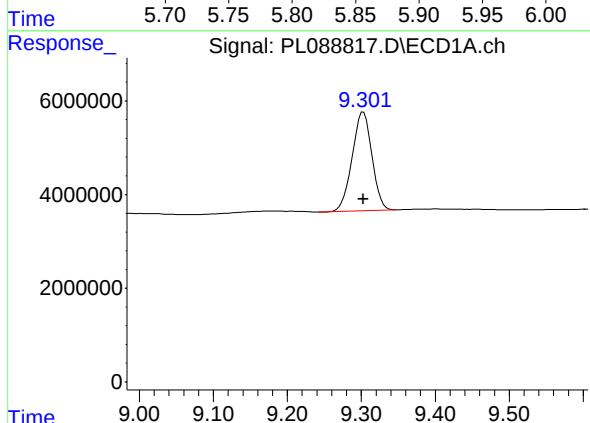
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159834BS



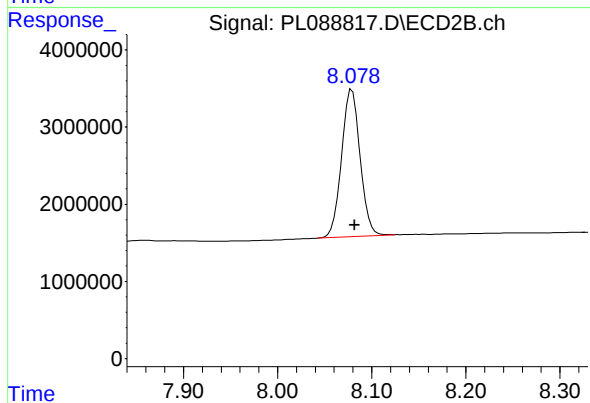
#27 Chlordane-5

R.T.: 5.842 min  
Delta R.T.: 0.000 min  
Response: 315745  
Conc: 6.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min  
Delta R.T.: 0.000 min  
Response: 39210655  
Conc: 15.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min  
Delta R.T.: -0.003 min  
Response: 26192099  
Conc: 19.32 ng/ml