

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110420\  
 Data File : PL062822.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2020 15:22  
 Operator : DD\AJ  
 Sample : L4619-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 00:20:32 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 2020  
 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... | 3.409 | 3.949  | 35057702 | 62917355 | 20.381   | 21.410     |
| 28)                         | SA Decachlor... | 8.122 | 8.985  | 35825806 | 44458363 | 22.331   | 21.242     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.841 | 4.336  | 125.5E6  | 230.5E6  | 49.238   | 51.876     |
| 3)                          | MA gamma-BHC... | 4.120 | 4.618  | 114.0E6  | 215.7E6  | 49.216   | 51.651     |
| 4)                          | MA Heptachlor   | 4.417 | 5.123  | 106.6E6  | 193.5E6  | 49.683   | 48.534     |
| 5)                          | MB Aldrin       | 4.661 | 5.426  | 95076333 | 177.6E6  | 49.811   | 49.055     |
| 6)                          | B beta-BHC      | 4.369 | 4.789  | 47727967 | 92505906 | 49.967   | 49.126     |
| 7)                          | B delta-BHC     | 4.570 | 5.004  | 108.9E6  | 196.1E6  | 50.124   | 56.048     |
| 8)                          | B Heptachlo...  | 5.100 | 5.811  | 92107230 | 161.9E6  | 50.481   | 50.006     |
| 9)                          | A Endosulfan I  | 5.434 | 6.166  | 83605217 | 145.6E6  | 50.015   | 46.168     |
| 10)                         | B gamma-Chl...  | 5.324 | 6.045  | 90261694 | 156.3E6  | 50.102   | 46.439     |
| 11)                         | B alpha-Chl...  | 5.382 | 6.117  | 88556525 | 156.3E6  | 48.987   | 46.401     |
| 12)                         | B 4,4'-DDE      | 5.547 | 6.276  | 83378988 | 150.7E6  | 50.397   | 46.773     |
| 13)                         | MA Dieldrin     | 5.676 | 6.423  | 88372482 | 146.7E6  | 50.014   | 45.841     |
| 14)                         | MA Endrin       | 5.930 | 6.639  | 76316141 | 119.7E6  | 45.869   | 42.880     |
| 15)                         | B Endosulfa...  | 6.202 | 6.849  | 81428898 | 123.8E6  | 49.391   | 43.315     |
| 16)                         | A 4,4'-DDD      | 6.059 | 6.764  | 72835715 | 119.7E6  | 51.492   | 46.747     |
| 17)                         | MA 4,4'-DDT     | 6.298 | 7.063  | 63741452 | 100.6E6  | 47.762   | 44.804     |
| 18)                         | B Endrin al...  | 6.369 | 6.973  | 71083156 | 108.1E6  | 48.953   | 47.412     |
| 19)                         | B Endosulfa...  | 6.581 | 7.196  | 80209901 | 112.8E6  | 48.605   | 47.009     |
| 20)                         | A Methoxychlor  | 6.841 | 7.522  | 39717753 | 54895792 | 46.114   | 44.432     |
| 21)                         | B Endrin ke...  | 7.067 | 7.664  | 93397993 | 120.4E6  | 51.801   | 50.800     |
| 22)                         | Mirex           | 7.253 | 8.117  | 68875928 | 80456471 | 48.583   | 47.214     |
| 24)                         | Chlordane-2     | 0.000 | 5.426f | 0        | 177.6E6  | N.D.     | 1628.409 # |
| 25)                         | Chlordane-3     | 5.324 | 6.045  | 90261694 | 156.3E6  | 589.449  | 387.012 #  |
| 26)                         | Chlordane-4     | 5.382 | 6.117  | 88556525 | 156.3E6  | 679.841  | 322.782 #  |
| 27)                         | Chlordane-5     | 6.202 | 0.000  | 81428898 | 0        | 1687.798 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

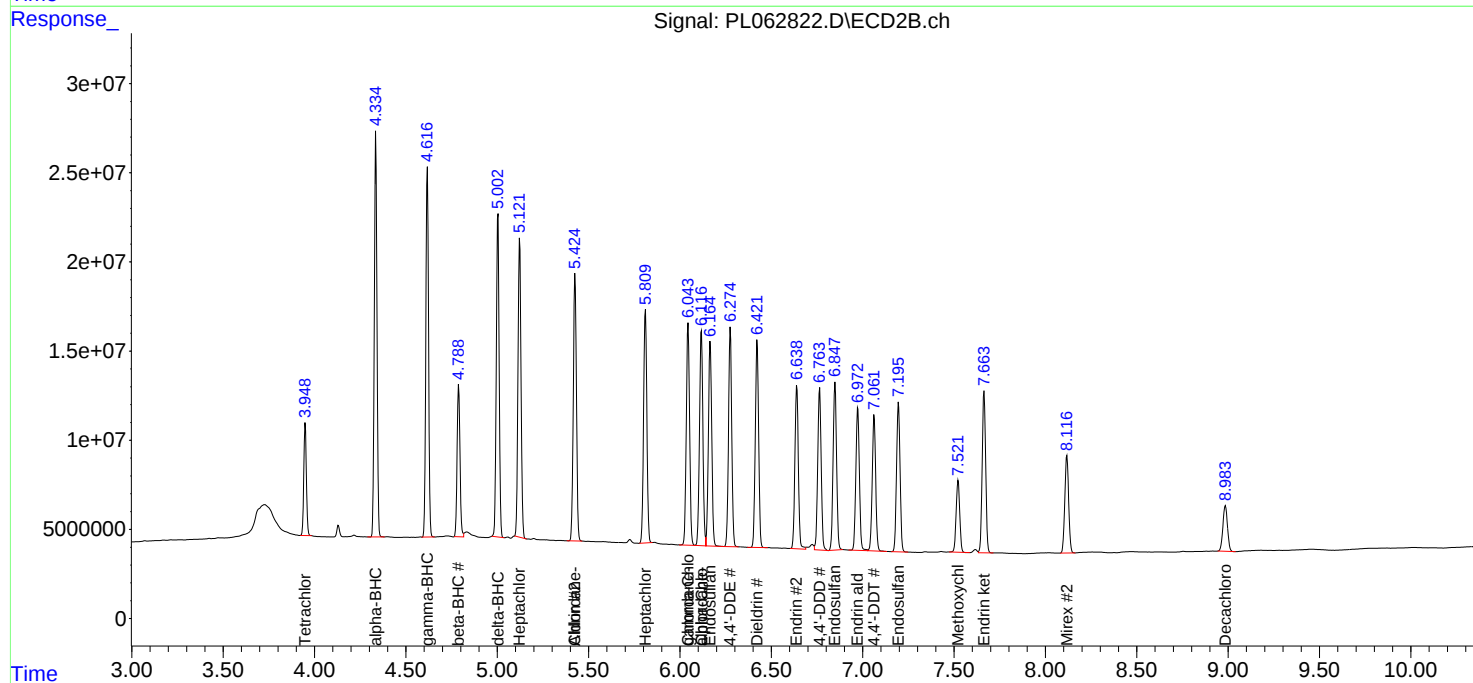
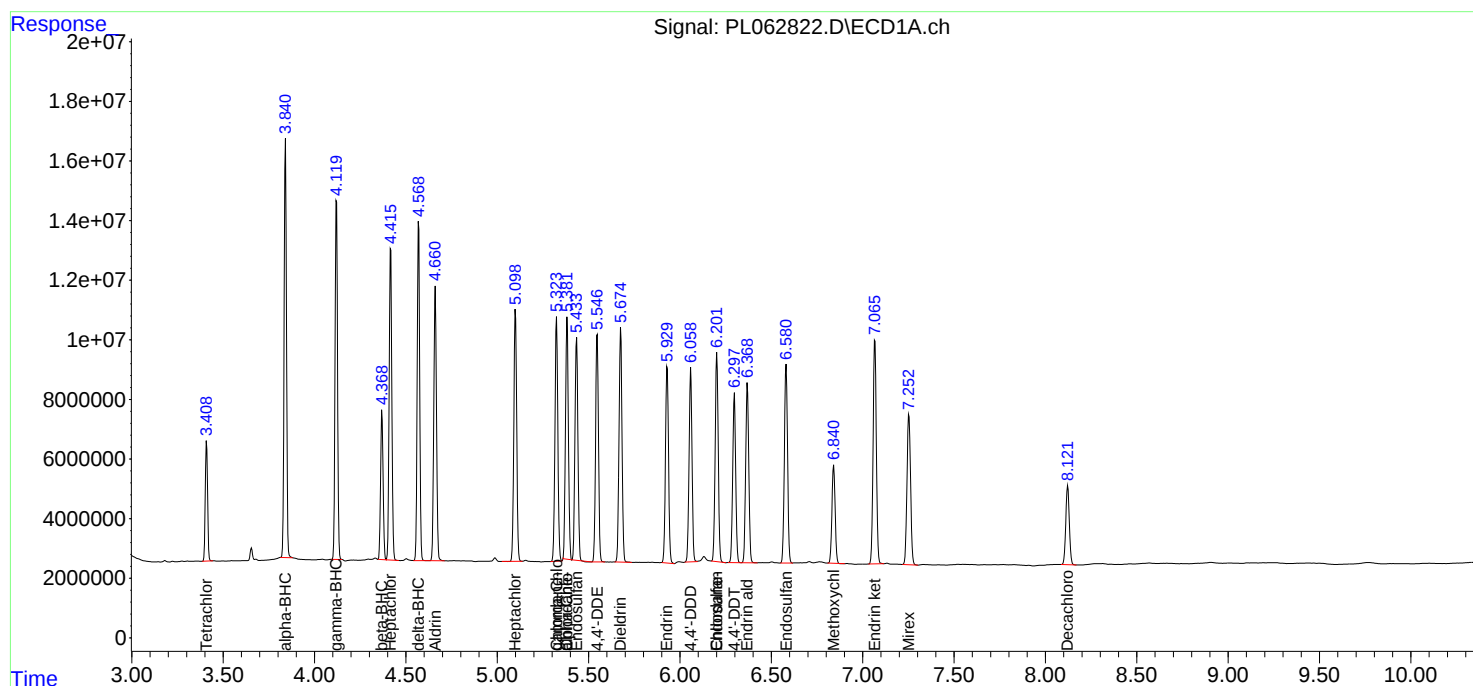
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

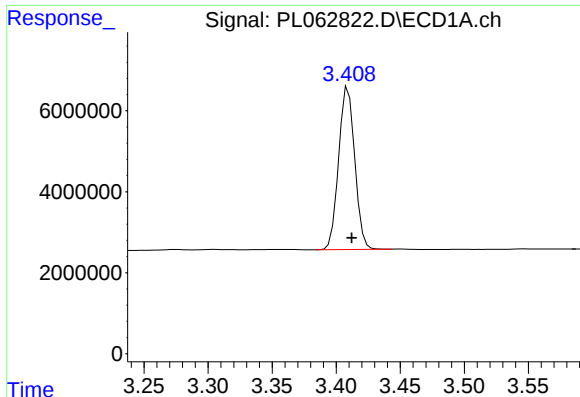
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110420\  
Data File : PL062822.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Nov 2020 15:22  
Operator : DD\AJ  
Sample : L4619-01MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 00:20:32 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 2020  
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

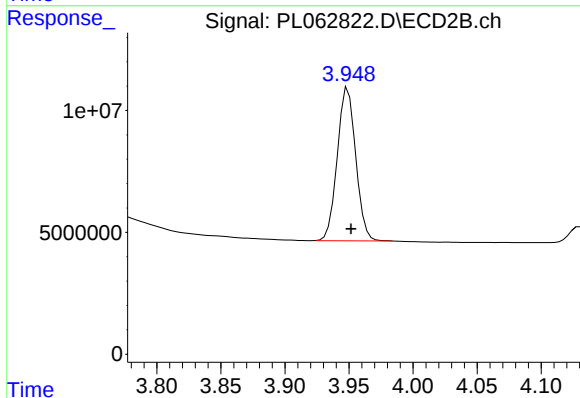




#1 Tetrachloro-m-xylene

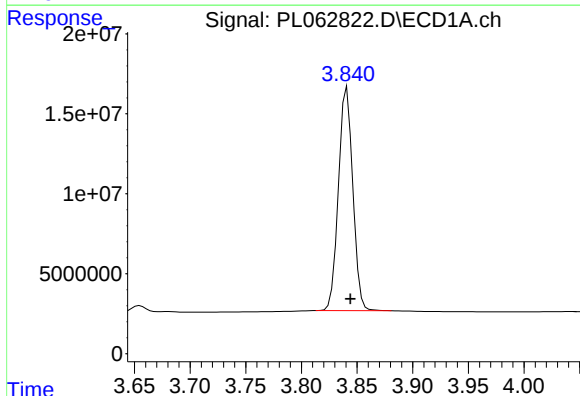
R.T.: 3.409 min  
Delta R.T.: -0.003 min  
Response: 35057702  
Conc: 20.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



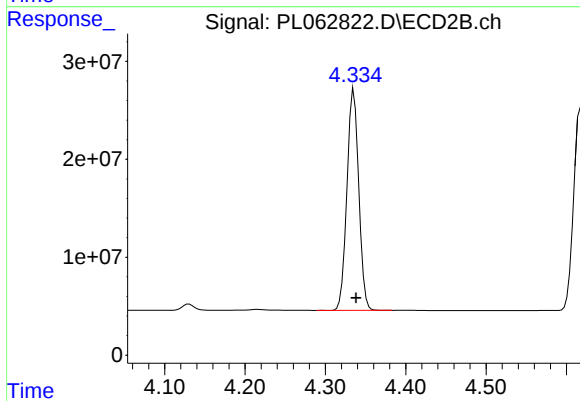
#1 Tetrachloro-m-xylene

R.T.: 3.949 min  
Delta R.T.: -0.002 min  
Response: 62917355  
Conc: 21.41 ng/ml



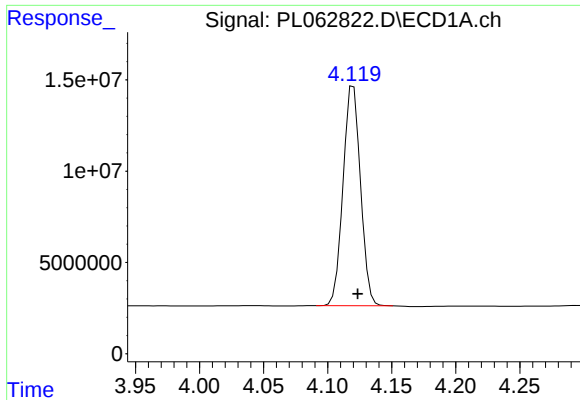
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: -0.003 min  
Response: 125541563  
Conc: 49.24 ng/ml



#2 alpha-BHC

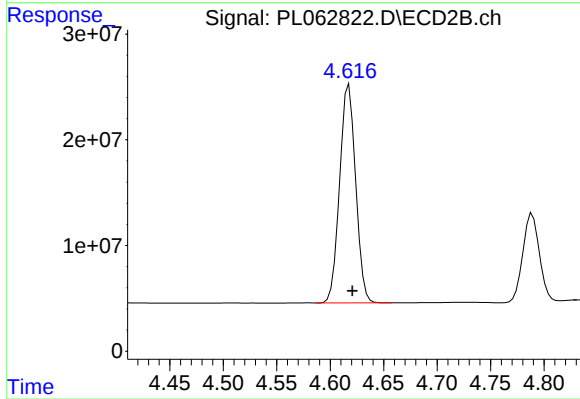
R.T.: 4.336 min  
Delta R.T.: -0.003 min  
Response: 230497475  
Conc: 51.88 ng/ml



#3 gamma-BHC (Lindane)

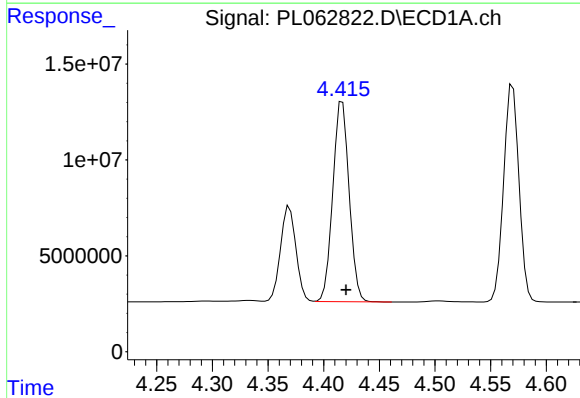
R.T.: 4.120 min  
Delta R.T.: -0.003 min  
Response: 114017010  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



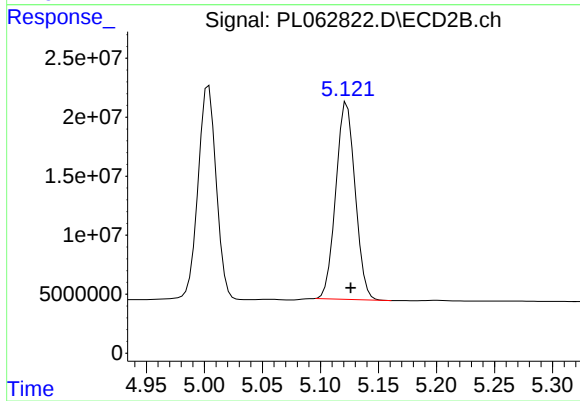
#3 gamma-BHC (Lindane)

R.T.: 4.618 min  
Delta R.T.: -0.003 min  
Response: 215679184  
Conc: 51.65 ng/ml



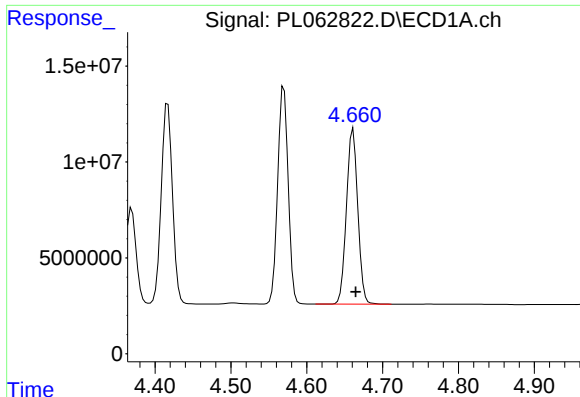
#4 Heptachlor

R.T.: 4.417 min  
Delta R.T.: -0.003 min  
Response: 106609386  
Conc: 49.68 ng/ml



#4 Heptachlor

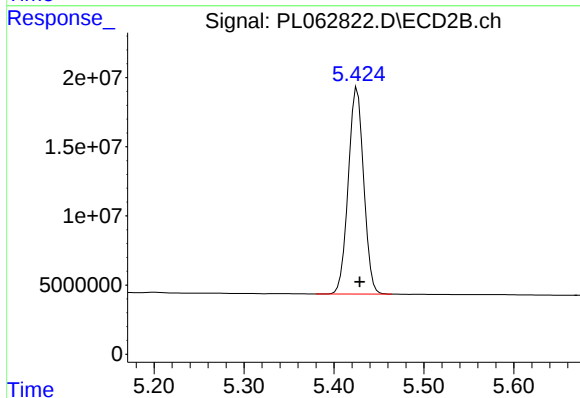
R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 193548631  
Conc: 48.53 ng/ml



#5 Aldrin

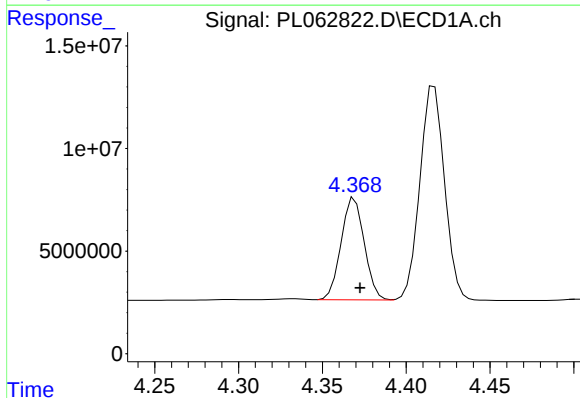
R.T.: 4.661 min  
Delta R.T.: -0.003 min  
Response: 95076333  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



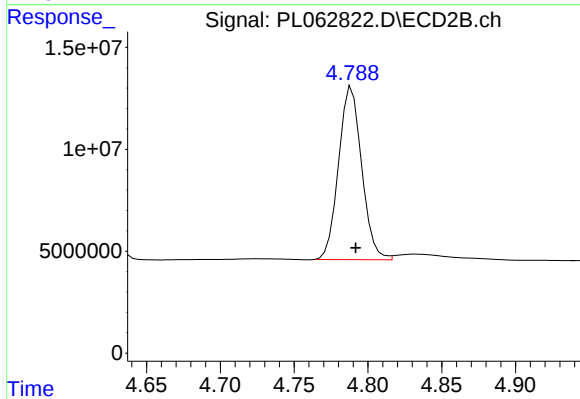
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.003 min  
Response: 177555105  
Conc: 49.06 ng/ml



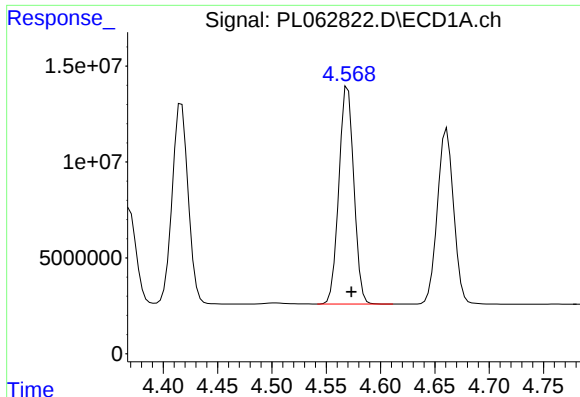
#6 beta-BHC

R.T.: 4.369 min  
Delta R.T.: -0.003 min  
Response: 47727967  
Conc: 49.97 ng/ml



#6 beta-BHC

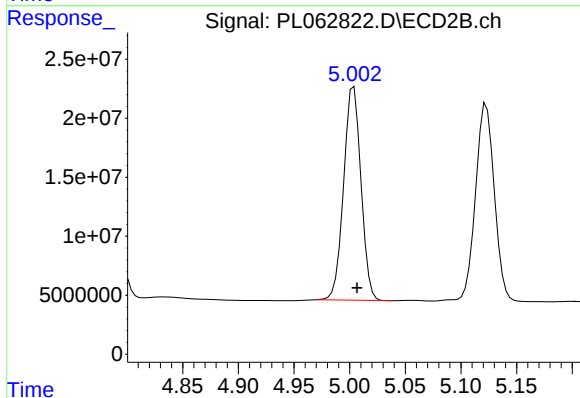
R.T.: 4.789 min  
Delta R.T.: -0.003 min  
Response: 92505906  
Conc: 49.13 ng/ml



#7 delta-BHC

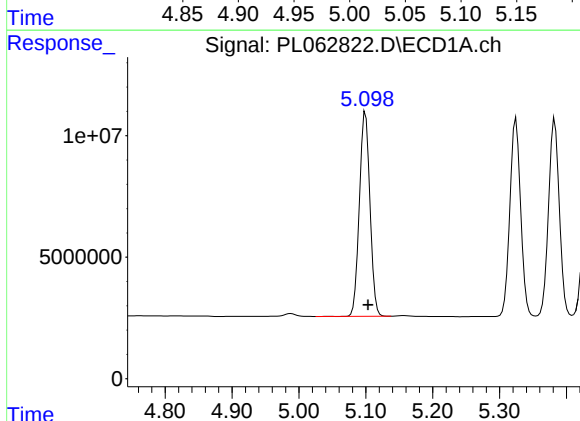
R.T.: 4.570 min  
Delta R.T.: -0.003 min  
Response: 108930201  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



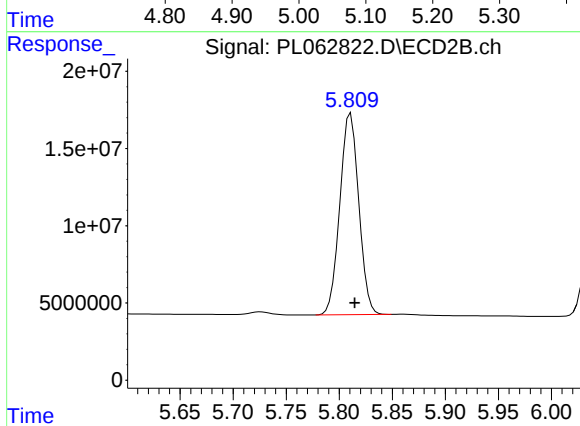
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: -0.003 min  
Response: 196137166  
Conc: 56.05 ng/ml



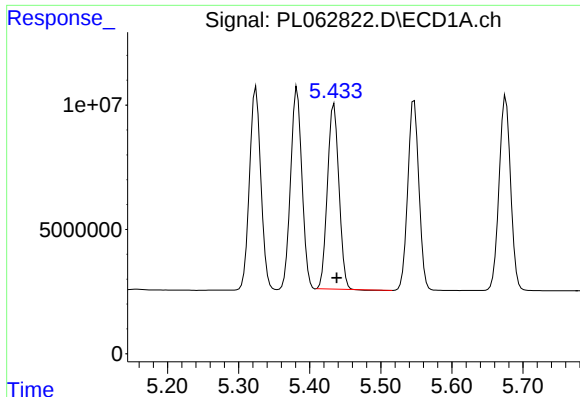
#8 Heptachlor epoxide

R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 92107230  
Conc: 50.48 ng/ml



#8 Heptachlor epoxide

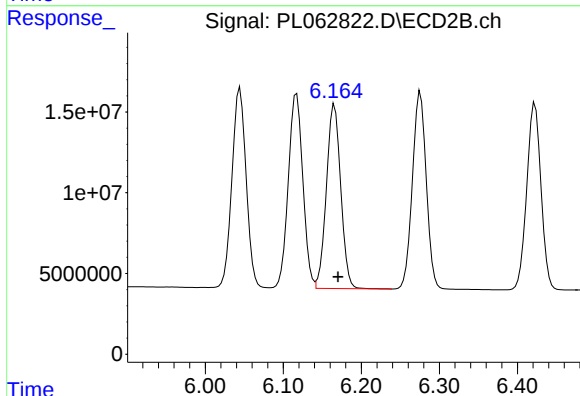
R.T.: 5.811 min  
Delta R.T.: -0.004 min  
Response: 161949014  
Conc: 50.01 ng/ml



#9 Endosulfan I

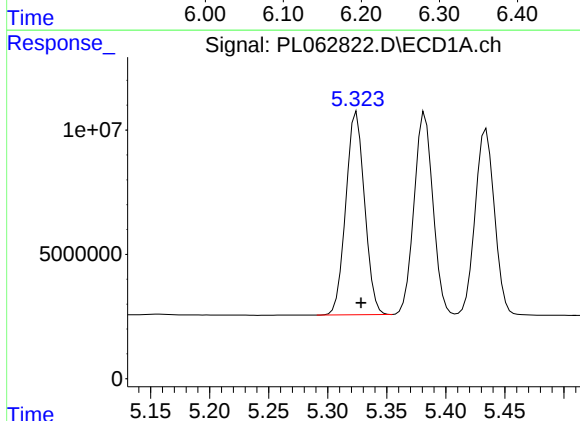
R.T.: 5.434 min  
Delta R.T.: -0.004 min  
Response: 83605217  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



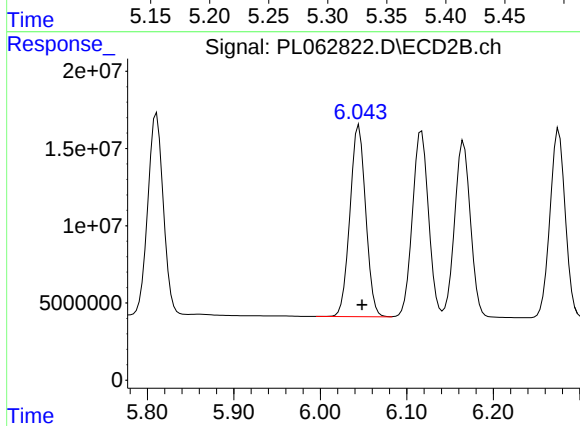
#9 Endosulfan I

R.T.: 6.166 min  
Delta R.T.: -0.005 min  
Response: 145604309  
Conc: 46.17 ng/ml



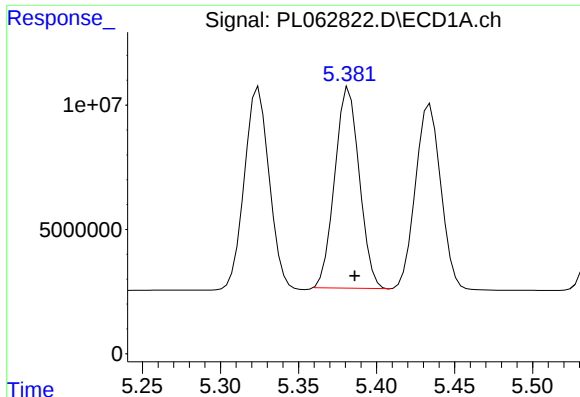
#10 gamma-Chlordane

R.T.: 5.324 min  
Delta R.T.: -0.004 min  
Response: 90261694  
Conc: 50.10 ng/ml



#10 gamma-Chlordane

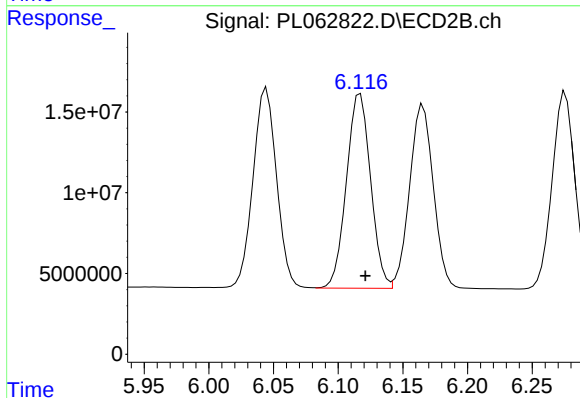
R.T.: 6.045 min  
Delta R.T.: -0.004 min  
Response: 156330055  
Conc: 46.44 ng/ml



#11 alpha-Chlordane

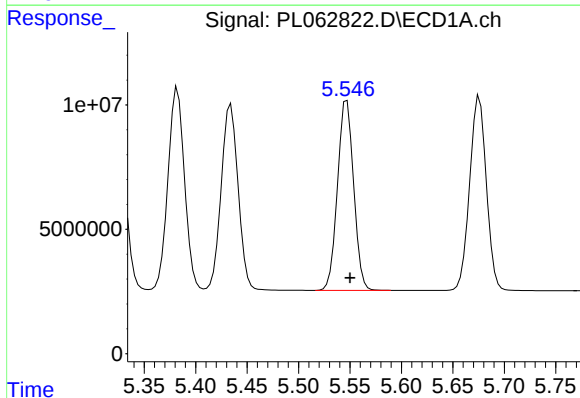
R.T.: 5.382 min  
Delta R.T.: -0.004 min  
Response: 88556525  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



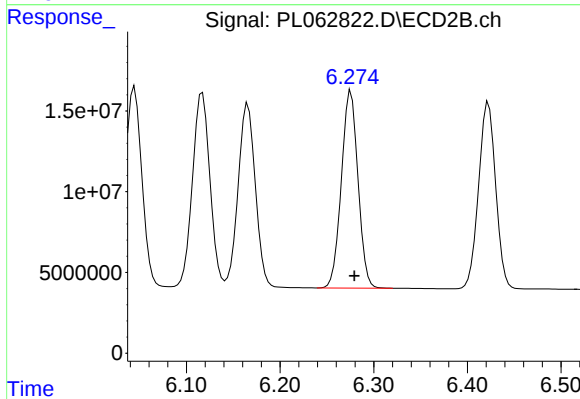
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: -0.004 min  
Response: 156319123  
Conc: 46.40 ng/ml



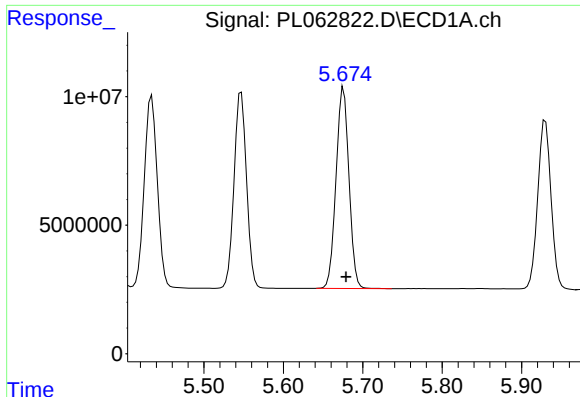
#12 4,4'-DDE

R.T.: 5.547 min  
Delta R.T.: -0.003 min  
Response: 83378988  
Conc: 50.40 ng/ml



#12 4,4'-DDE

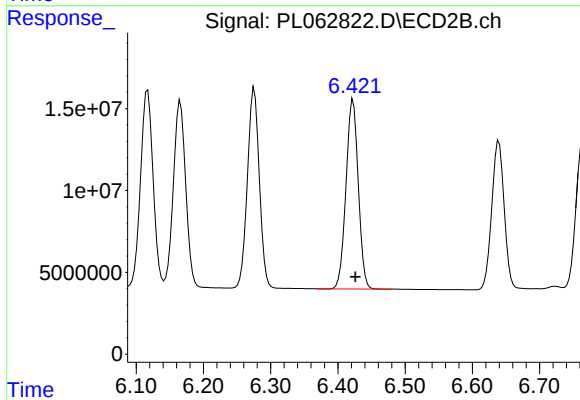
R.T.: 6.276 min  
Delta R.T.: -0.004 min  
Response: 150702681  
Conc: 46.77 ng/ml



#13 Dieldrin

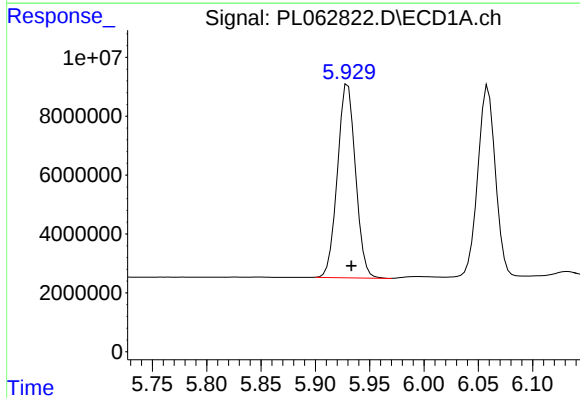
R.T.: 5.676 min  
Delta R.T.: -0.003 min  
Response: 88372482  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



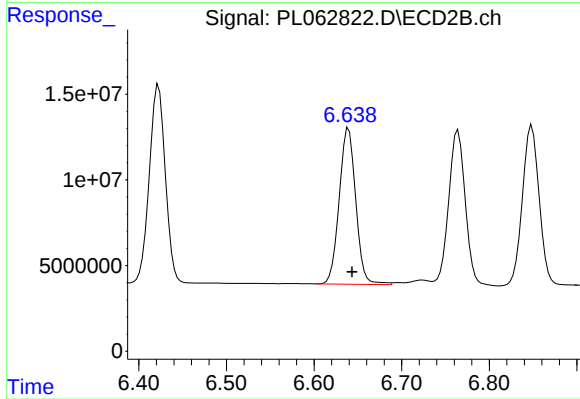
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: -0.004 min  
Response: 146729542  
Conc: 45.84 ng/ml



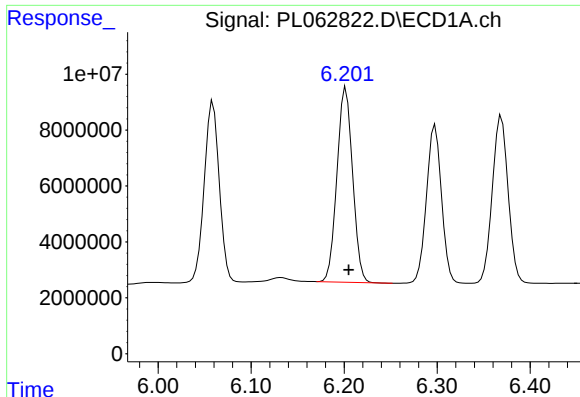
#14 Endrin

R.T.: 5.930 min  
Delta R.T.: -0.003 min  
Response: 76316141  
Conc: 45.87 ng/ml



#14 Endrin

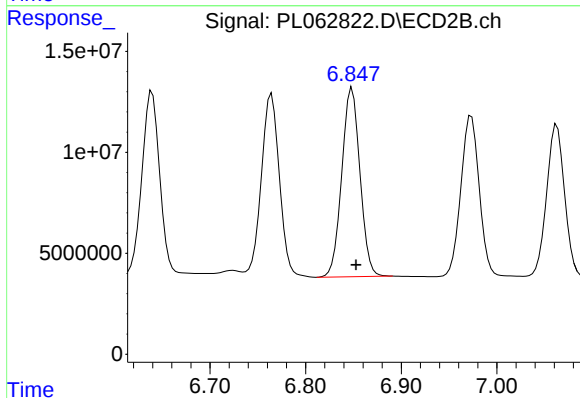
R.T.: 6.639 min  
Delta R.T.: -0.004 min  
Response: 119682507  
Conc: 42.88 ng/ml



#15 Endosulfan II

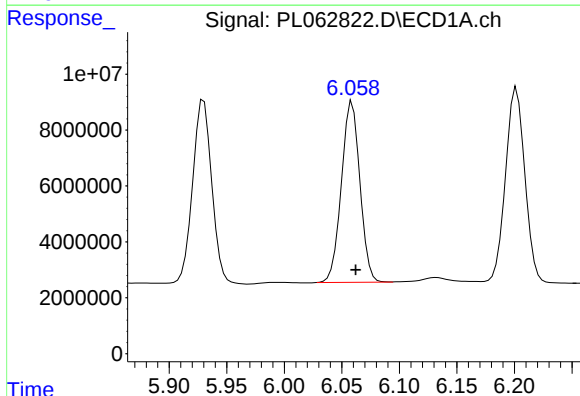
R.T.: 6.202 min  
Delta R.T.: -0.003 min  
Response: 81428898  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



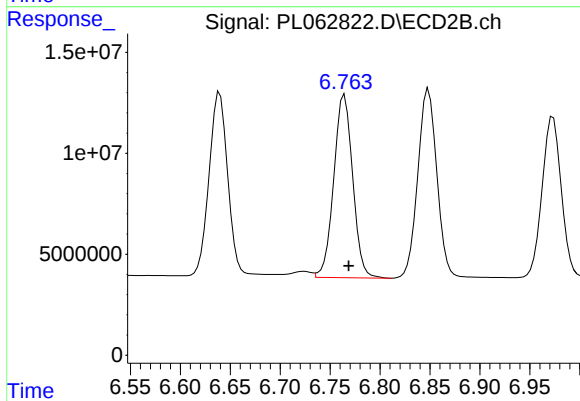
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: -0.004 min  
Response: 123823233  
Conc: 43.32 ng/ml



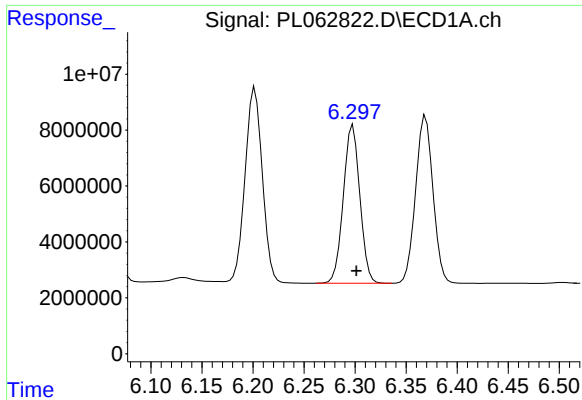
#16 4,4'-DDD

R.T.: 6.059 min  
Delta R.T.: -0.003 min  
Response: 72835715  
Conc: 51.49 ng/ml



#16 4,4'-DDD

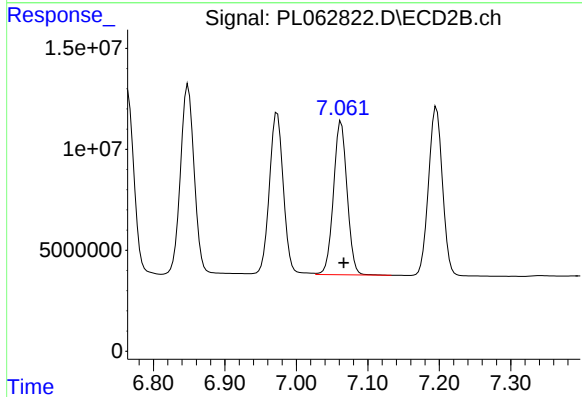
R.T.: 6.764 min  
Delta R.T.: -0.004 min  
Response: 119670647  
Conc: 46.75 ng/ml



#17 4,4'-DDT

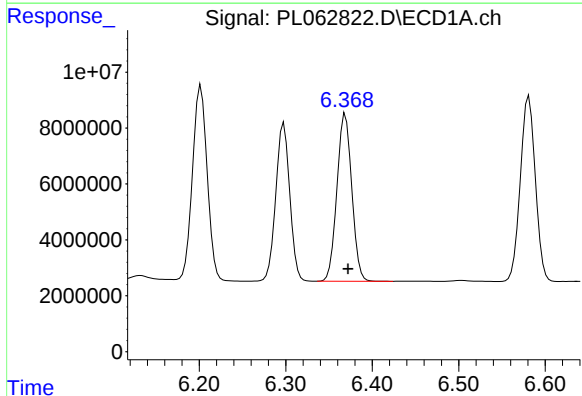
R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 63741452  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



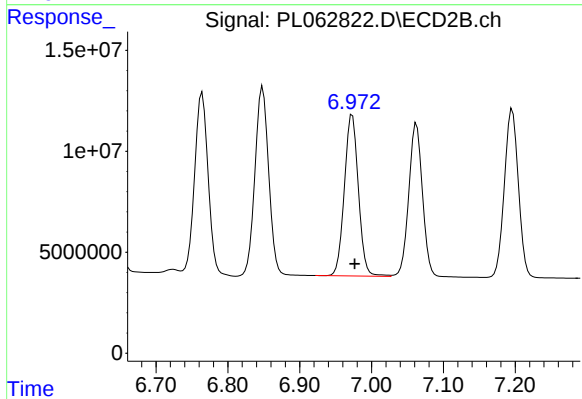
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.004 min  
Response: 100595955  
Conc: 44.80 ng/ml



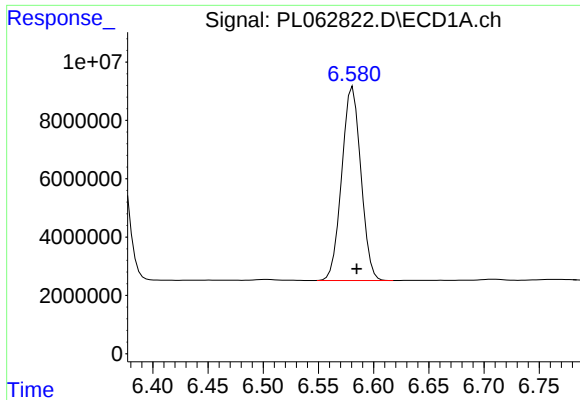
#18 Endrin aldehyde

R.T.: 6.369 min  
Delta R.T.: -0.003 min  
Response: 71083156  
Conc: 48.95 ng/ml



#18 Endrin aldehyde

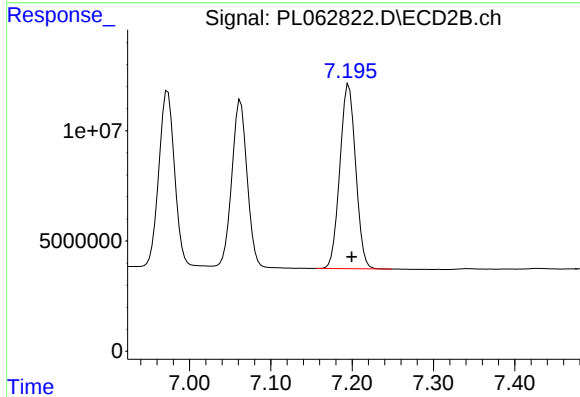
R.T.: 6.973 min  
Delta R.T.: -0.003 min  
Response: 108126980  
Conc: 47.41 ng/ml



#19 Endosulfan Sulfate

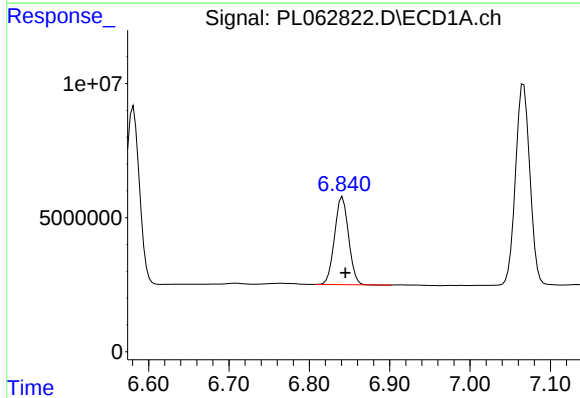
R.T.: 6.581 min  
Delta R.T.: -0.003 min  
Response: 80209901  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



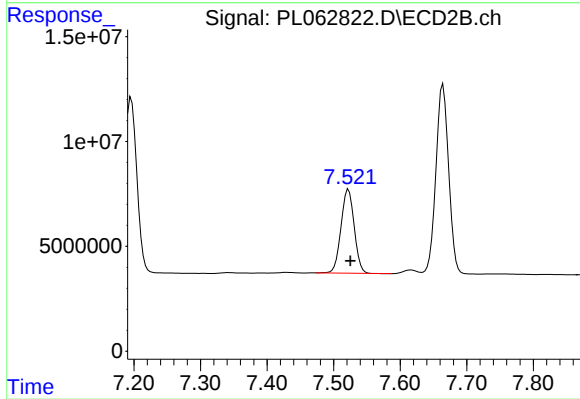
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.004 min  
Response: 112784534  
Conc: 47.01 ng/ml



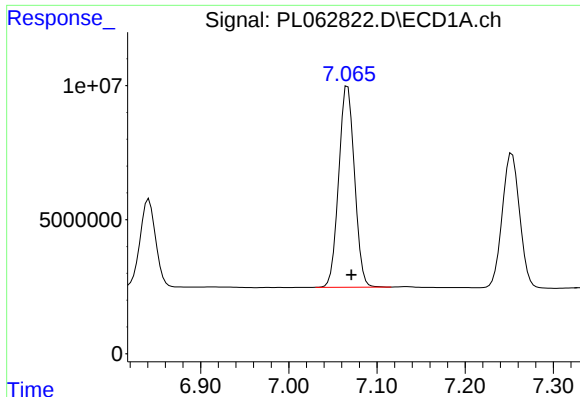
#20 Methoxychlor

R.T.: 6.841 min  
Delta R.T.: -0.004 min  
Response: 39717753  
Conc: 46.11 ng/ml



#20 Methoxychlor

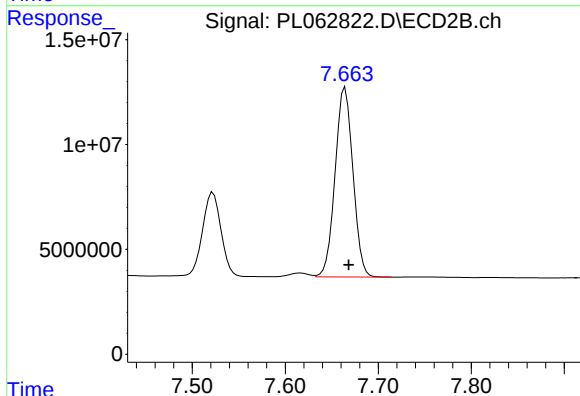
R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 54895792  
Conc: 44.43 ng/ml



#21 Endrin ketone

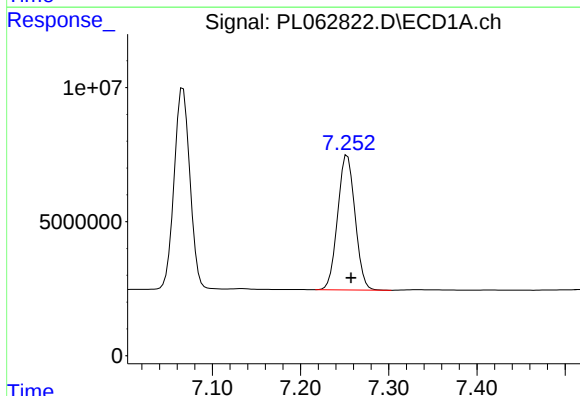
R.T.: 7.067 min  
Delta R.T.: -0.004 min  
Response: 93397993  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



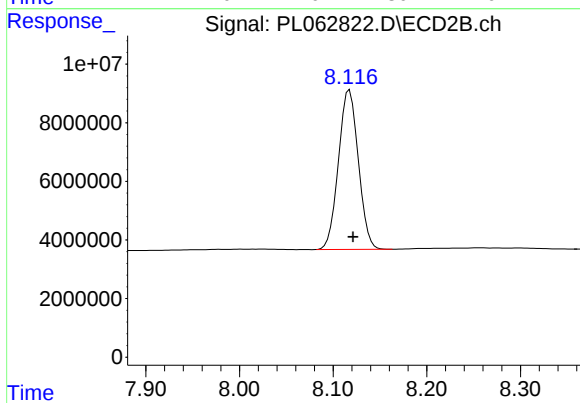
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.004 min  
Response: 120385715  
Conc: 50.80 ng/ml



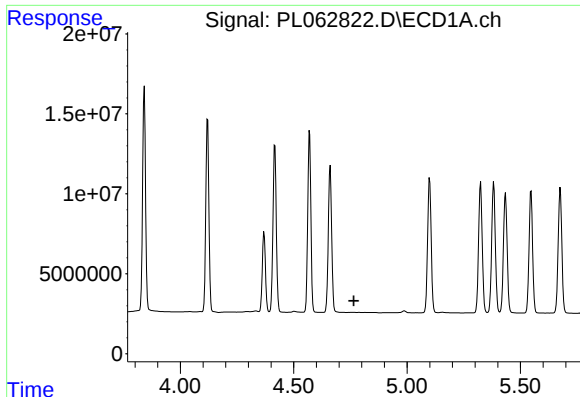
#22 Mirex

R.T.: 7.253 min  
Delta R.T.: -0.004 min  
Response: 68875928  
Conc: 48.58 ng/ml



#22 Mirex

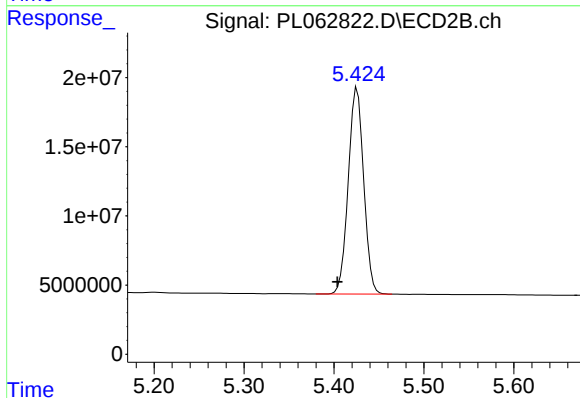
R.T.: 8.117 min  
Delta R.T.: -0.004 min  
Response: 80456471  
Conc: 47.21 ng/ml



#24 Chlordane-2

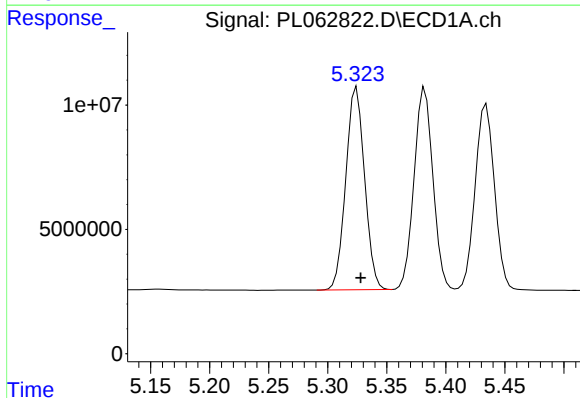
R.T.: 0.000 min  
Exp R.T.: 4.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



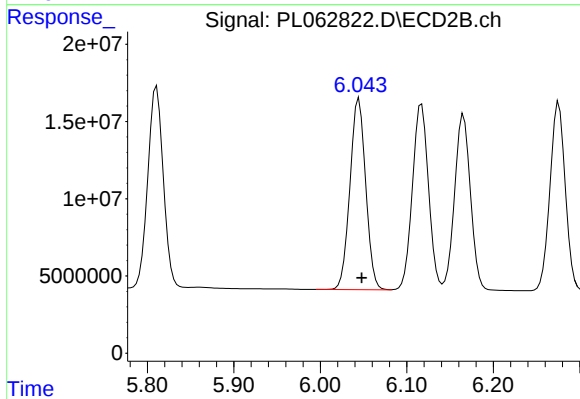
#24 Chlordane-2

R.T.: 5.426 min  
Delta R.T.: 0.022 min  
Response: 177555105  
Conc: 1628.41 ng/ml



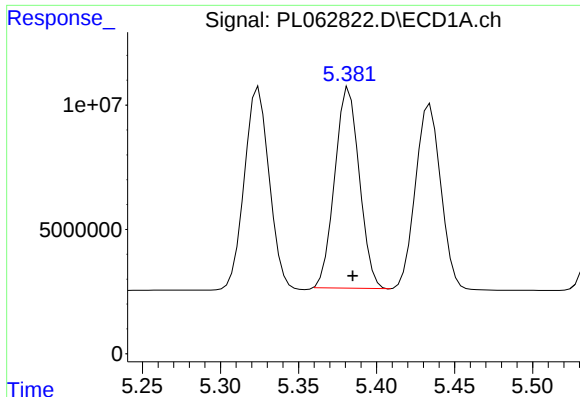
#25 Chlordane-3

R.T.: 5.324 min  
Delta R.T.: -0.003 min  
Response: 90261694  
Conc: 589.45 ng/ml



#25 Chlordane-3

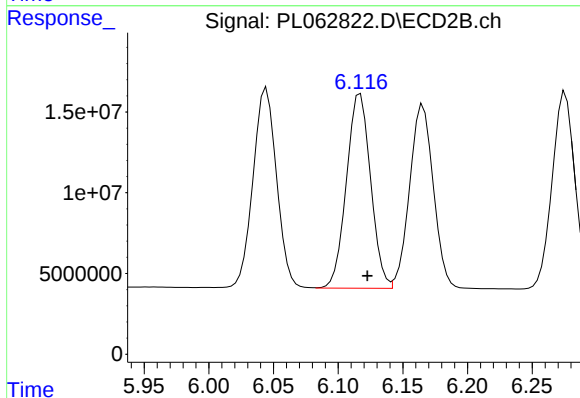
R.T.: 6.045 min  
Delta R.T.: -0.004 min  
Response: 156330055  
Conc: 387.01 ng/ml



#26 Chlordane-4

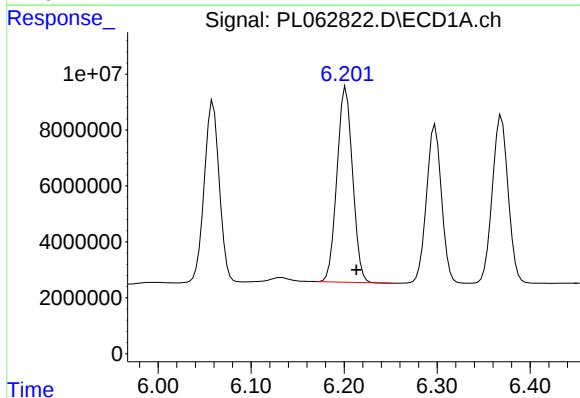
R.T.: 5.382 min  
Delta R.T.: -0.002 min  
Response: 88556525  
Conc: 679.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



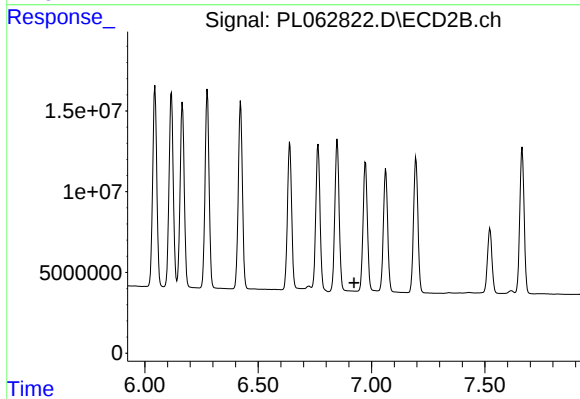
#26 Chlordane-4

R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 156319123  
Conc: 322.78 ng/ml



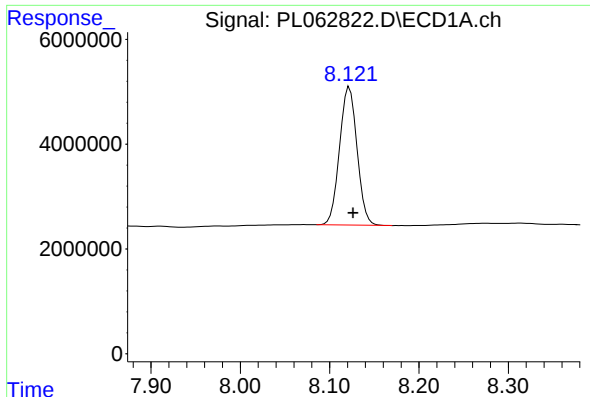
#27 Chlordane-5

R.T.: 6.202 min  
Delta R.T.: -0.011 min  
Response: 81428898  
Conc: 1687.80 ng/ml



#27 Chlordane-5

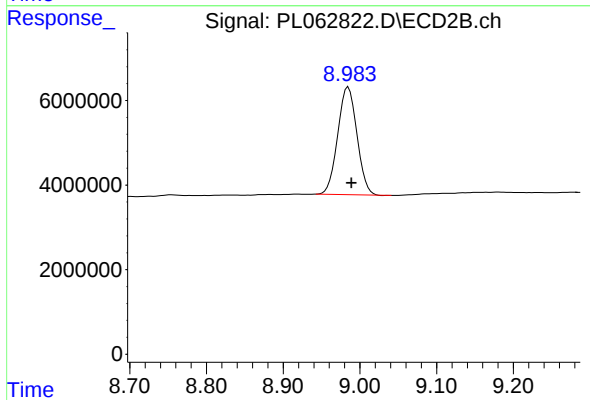
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.122 min  
Delta R.T.: -0.004 min  
Response: 35825806  
Conc: 22.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: -0.004 min  
Response: 44458363  
Conc: 21.24 ng/ml