

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121320\  
 Data File : PL063551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2020 16:23  
 Operator : DD\AJ  
 Sample : L5066-05MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 JBD-BOLLARDS-0-6MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 04:31:16 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 15:57:40 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... | 3.410  | 3.950  | 18389715 | 35935348 | 10.807   | 11.466     |
| 28)                         | SA Decachlor... | 8.125  | 8.990  | 27249044 | 37424160 | 13.531   | 14.861     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.841  | 4.337  | 71228682 | 174.4E6  | 28.417   | 36.833 #   |
| 3)                          | MA gamma-BHC... | 4.121  | 4.620  | 86555770 | 152.1E6  | 37.978   | 34.106     |
| 4)                          | MA Heptachlor   | 4.418  | 5.125  | 78761161 | 136.3E6  | 36.687   | 33.200     |
| 5)                          | MB Aldrin       | 4.661  | 5.428  | 61349530 | 309.0E6  | 32.174   | 79.864 #   |
| 6)                          | B beta-BHC      | 4.372  | 4.792  | 34974936 | 58437446 | 36.020   | 29.417     |
| 7)                          | B delta-BHC     | 4.572  | 5.006  | 88910635 | 149.0E6  | 40.841   | 36.814     |
| 8)                          | B Heptachlo...  | 5.101  | 5.813  | 113.5E6  | 135.3E6  | 60.990   | 37.365 #   |
| 9)                          | A Endosulfan I  | 5.436  | 6.169  | 122.7E6  | 130.4E6  | 70.303   | 39.079 #   |
| 10)                         | B gamma-Chl...  | 5.326  | 6.047  | 212.0E6  | 111.5E6  | 113.998  | 31.415 #   |
| 11)                         | B alpha-Chl...  | 5.384  | 6.119  | 162.0E6  | 105.4E6  | 87.124   | 29.749 #   |
| 12)                         | B 4,4'-DDE      | 5.549  | 6.278  | 65547821 | 101.4E6  | 38.593   | 28.944 #   |
| 13)                         | MA Dieldrin     | 5.677  | 6.426  | 70416427 | 115.9E6  | 38.679   | 33.736     |
| 14)                         | MA Endrin       | 5.932  | 6.642  | 64020231 | 94818600 | 38.144   | 32.417     |
| 15)                         | B Endosulfa...  | 6.203  | 6.852  | 61633393 | 99731438 | 34.825   | 31.313     |
| 16)                         | A 4,4'-DDD      | 6.061  | 6.768  | 50814863 | 89748775 | 33.852   | 33.112     |
| 17)                         | MA 4,4'-DDT     | 6.299  | 7.066  | 51123541 | 92847932 | 37.256   | 36.313     |
| 18)                         | B Endrin al...  | 6.371  | 6.977  | 47002430 | 78872012 | 30.663   | 30.908     |
| 19)                         | B Endosulfa...  | 6.583  | 7.200  | 66711524 | 99510653 | 38.900   | 35.772     |
| 20)                         | A Methoxychlor  | 6.843  | 7.526  | 35670376 | 52153602 | 40.087   | 37.395     |
| 21)                         | B Endrin ke...  | 7.069  | 7.669  | 72518597 | 110.7E6  | 36.317   | 37.939     |
| 22)                         | Mirex           | 7.256  | 8.122  | 44771442 | 67947759 | 28.199   | 34.102     |
| 23)                         | Chlordane-1     | 4.292f | 4.955f | 5623619  | 3896343  | 102.869  | 33.959 #   |
| 24)                         | Chlordane-2     | 4.751  | 5.428f | 2273870  | 309.0E6  | 36.212   | 2448.398 # |
| 25)                         | Chlordane-3     | 5.326  | 6.047  | 212.0E6  | 111.5E6  | 1223.831 | 241.976 #  |
| 26)                         | Chlordane-4     | 5.384  | 6.119  | 162.0E6  | 105.4E6  | 1107.361 | 192.301 #  |
| 27)                         | Chlordane-5     | 6.203  | 0.000  | 61633393 | 0        | 988.649  | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

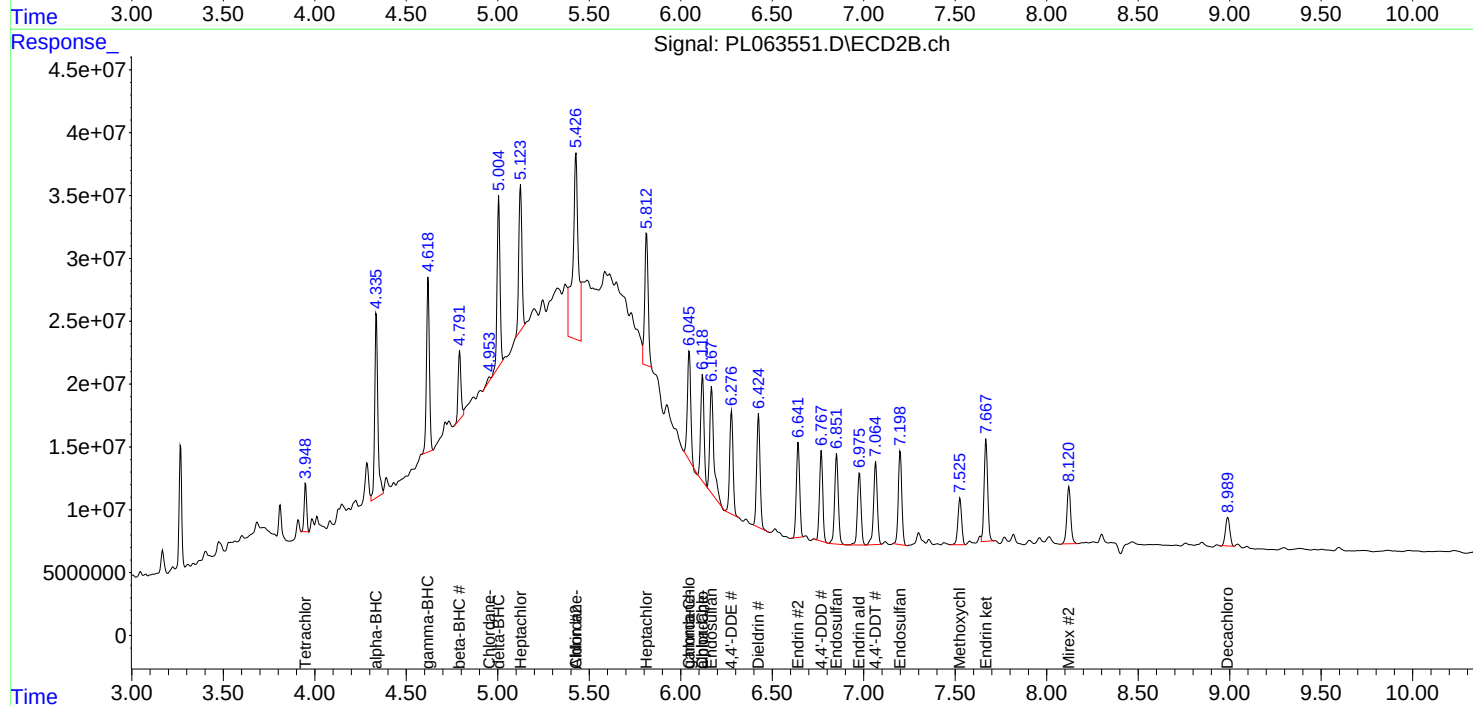
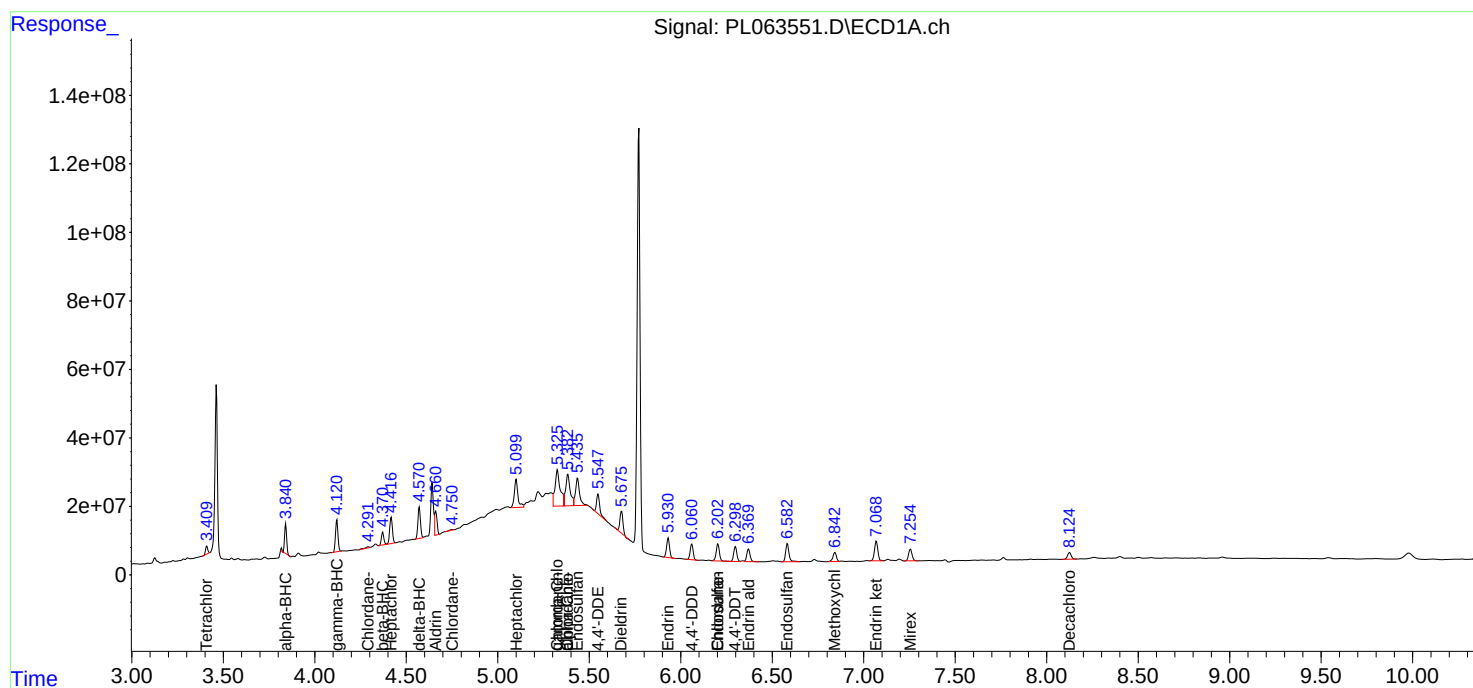
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

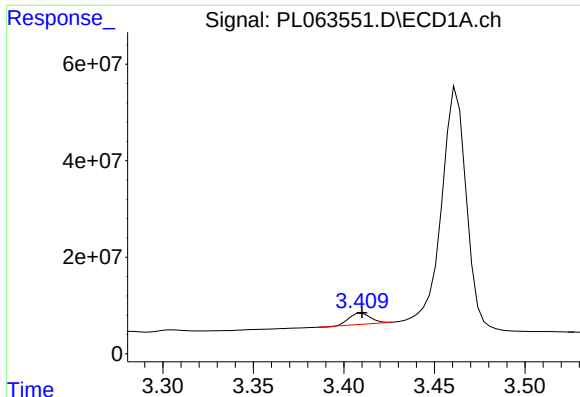
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121320\  
Data File : PL063551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2020 16:23  
Operator : DD\AJ  
Sample : L5066-05MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 04:31:16 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 15:57:40 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

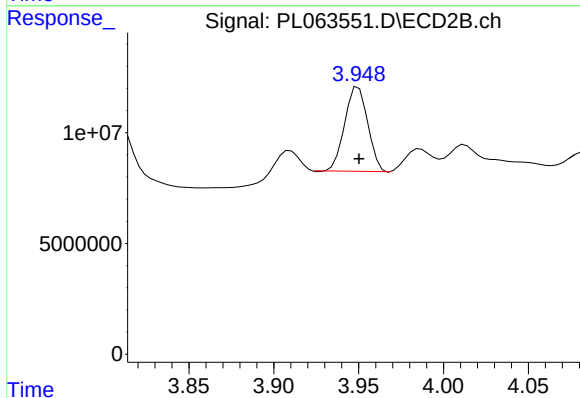




#1 Tetrachloro-m-xylene

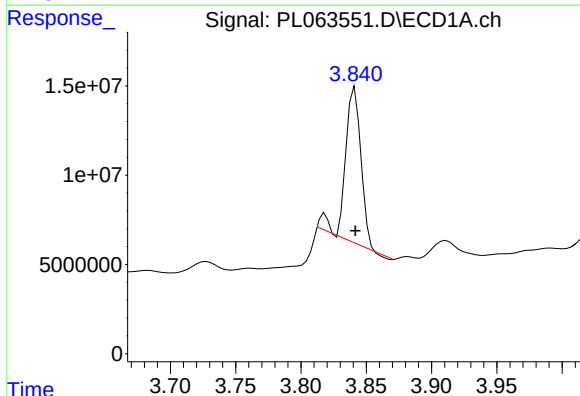
R.T.: 3.410 min  
Delta R.T.: 0.000 min  
Response: 18389715  
Conc: 10.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



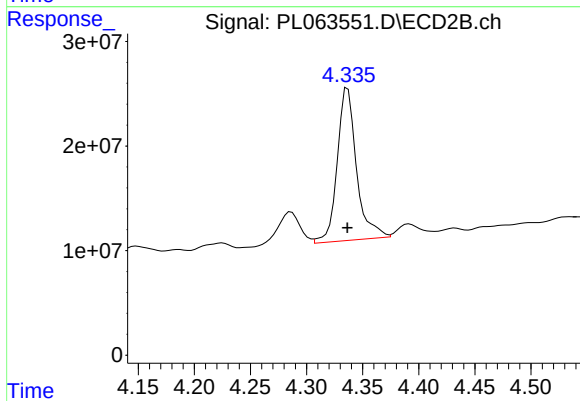
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 35935348  
Conc: 11.47 ng/ml



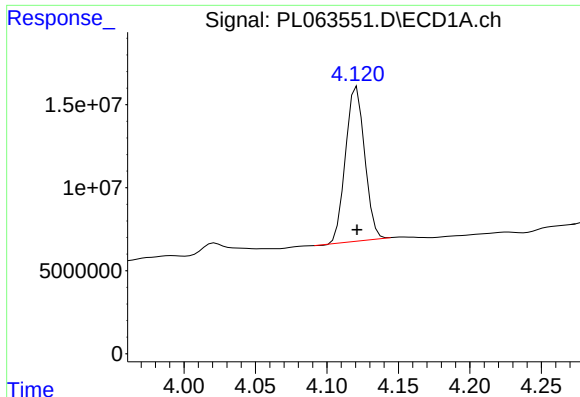
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 71228682  
Conc: 28.42 ng/ml



#2 alpha-BHC

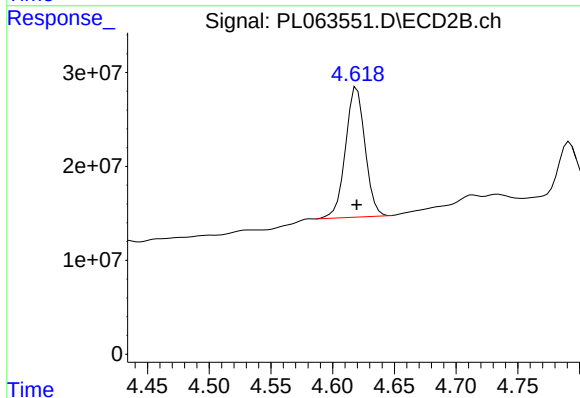
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 174352358  
Conc: 36.83 ng/ml



#3 gamma-BHC (Lindane)

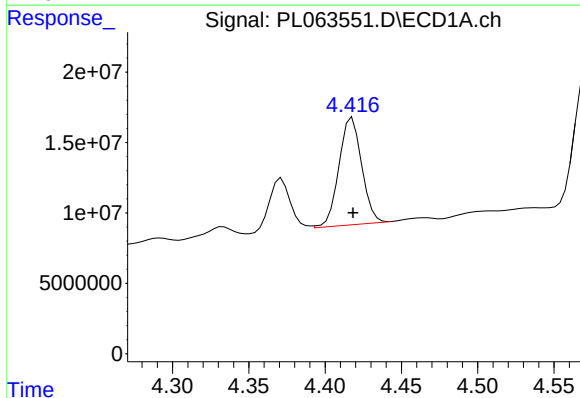
R.T.: 4.121 min  
Delta R.T.: 0.000 min  
Response: 86555770  
Conc: 37.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



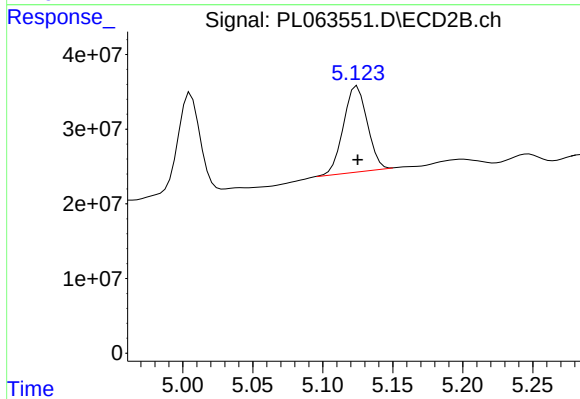
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 152052730  
Conc: 34.11 ng/ml



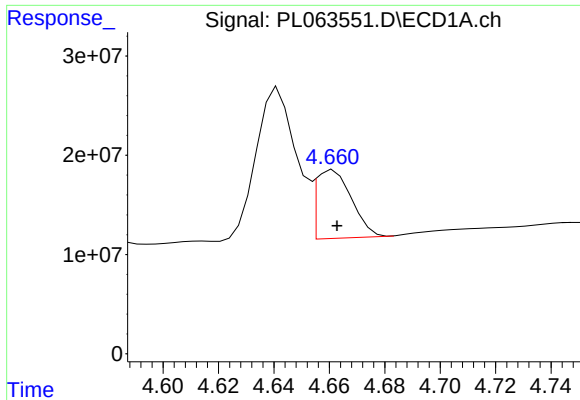
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 78761161  
Conc: 36.69 ng/ml



#4 Heptachlor

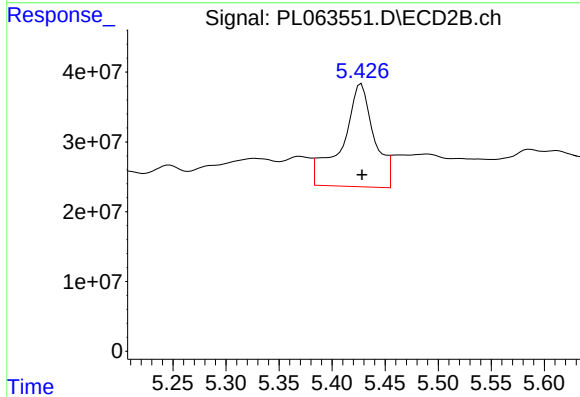
R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 136324218  
Conc: 33.20 ng/ml



#5 Aldrin

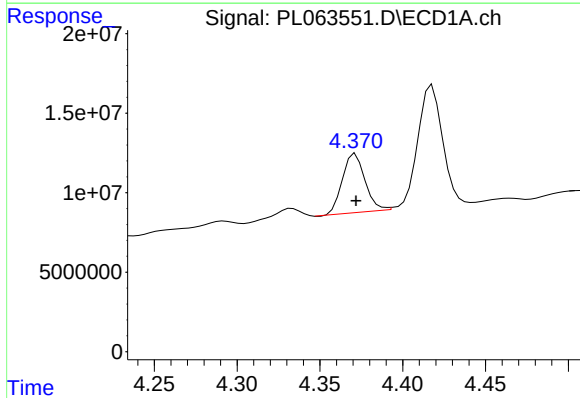
R.T.: 4.661 min  
Delta R.T.: -0.001 min  
Response: 61349530  
Conc: 32.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



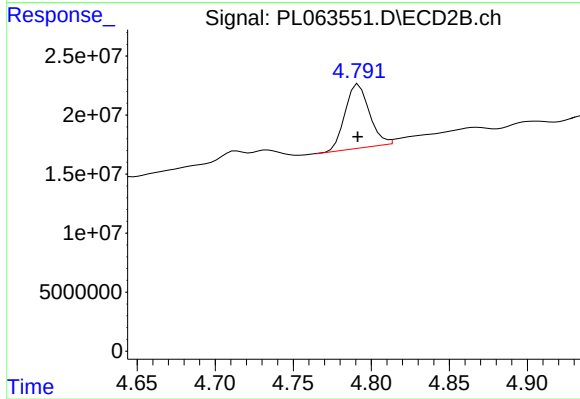
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 308999211  
Conc: 79.86 ng/ml



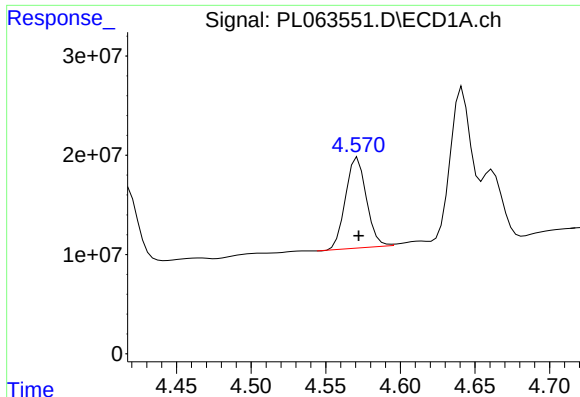
#6 beta-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 34974936  
Conc: 36.02 ng/ml



#6 beta-BHC

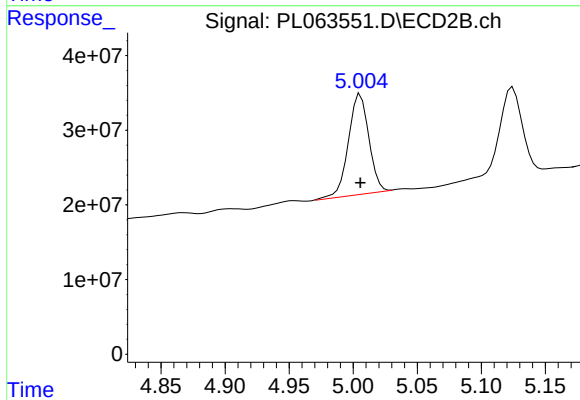
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 58437446  
Conc: 29.42 ng/ml



#7 delta-BHC

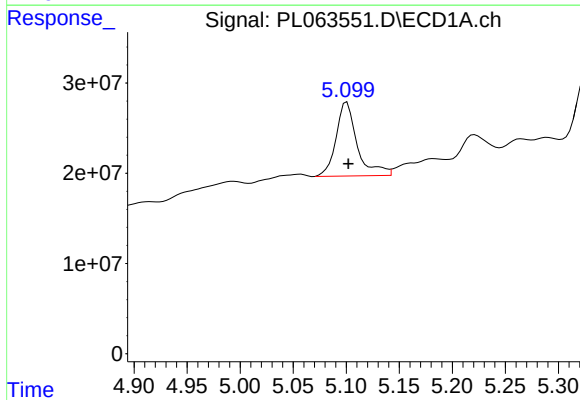
R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 88910635  
Conc: 40.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



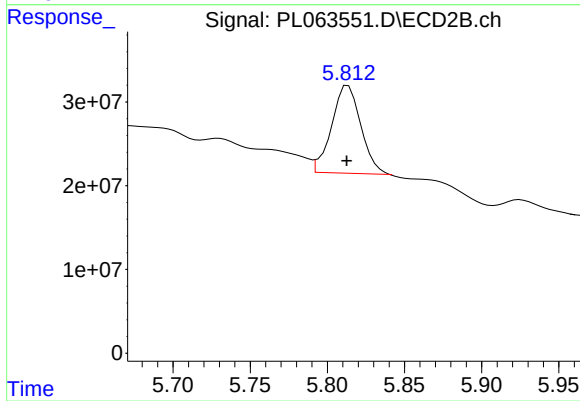
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 148996477  
Conc: 36.81 ng/ml



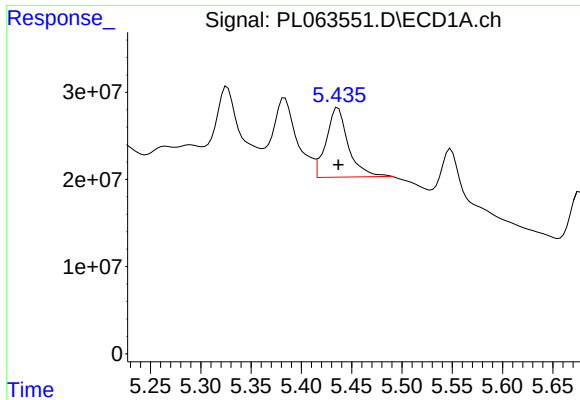
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: -0.001 min  
Response: 113467651  
Conc: 60.99 ng/ml



#8 Heptachlor epoxide

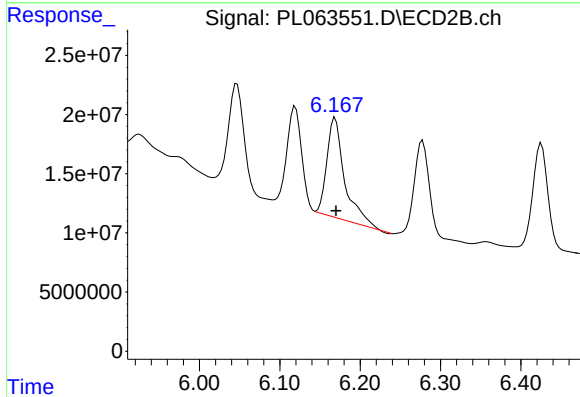
R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 135333503  
Conc: 37.36 ng/ml



#9 Endosulfan I

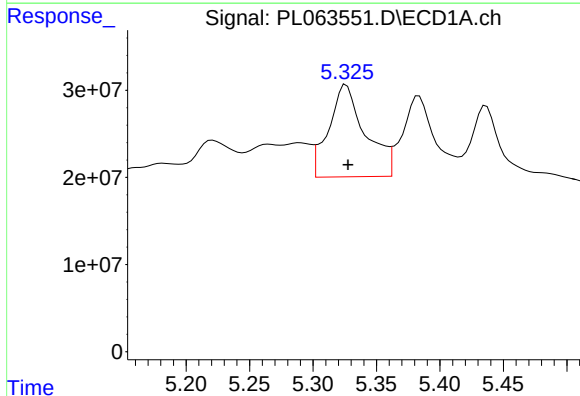
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 122703601  
Conc: 70.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



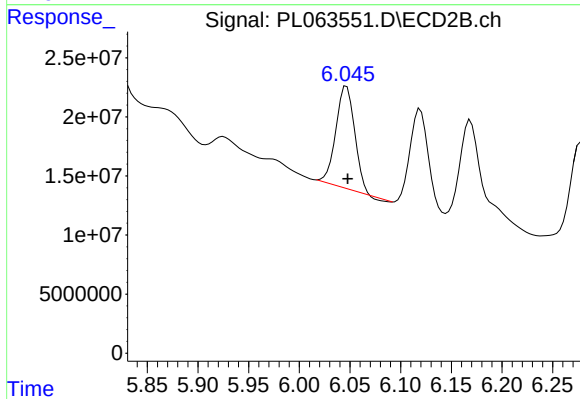
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 130432510  
Conc: 39.08 ng/ml



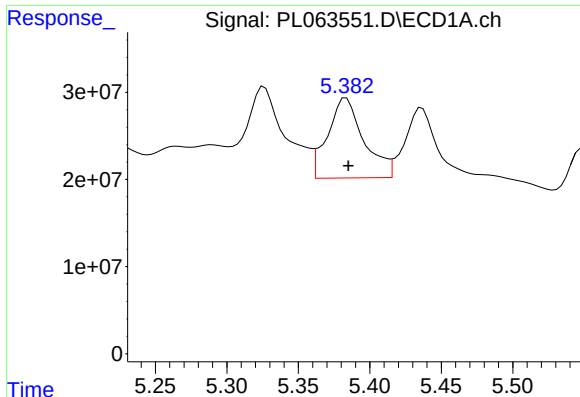
#10 gamma-Chlordane

R.T.: 5.326 min  
Delta R.T.: -0.001 min  
Response: 212038032  
Conc: 114.00 ng/ml



#10 gamma-Chlordane

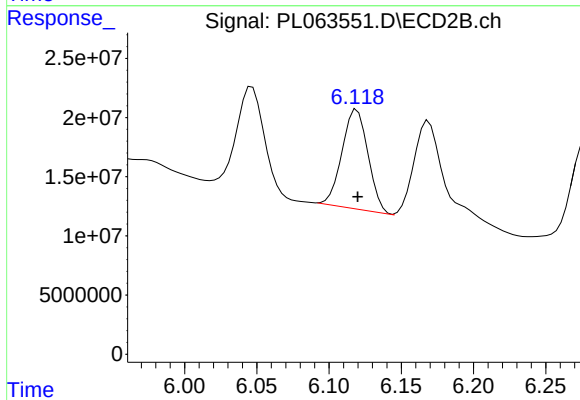
R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 111498464  
Conc: 31.42 ng/ml



#11 alpha-Chlordane

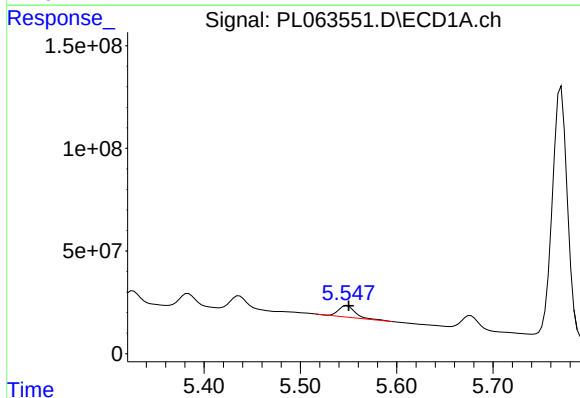
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 161978469  
Conc: 87.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



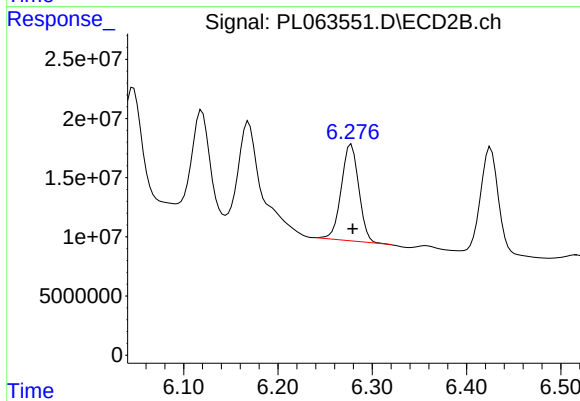
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 105432640  
Conc: 29.75 ng/ml



#12 4,4'-DDE

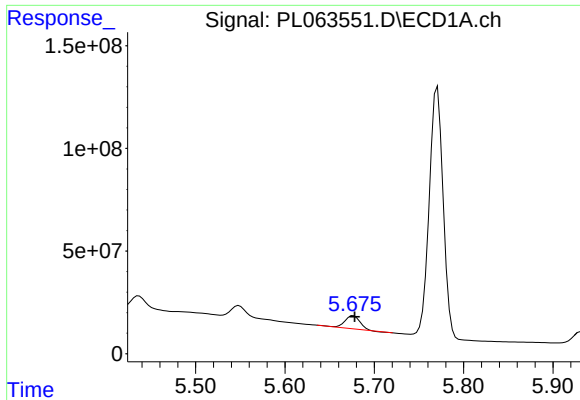
R.T.: 5.549 min  
Delta R.T.: -0.001 min  
Response: 65547821  
Conc: 38.59 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 101368938  
Conc: 28.94 ng/ml

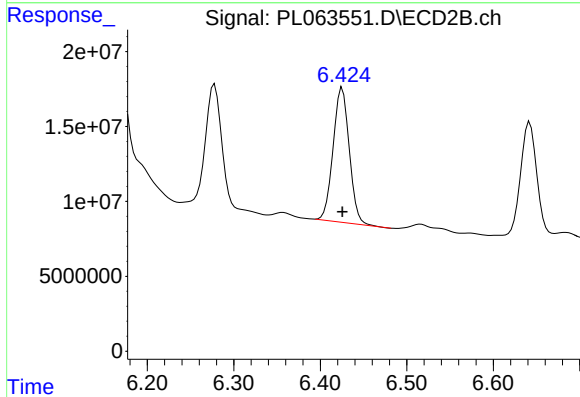




#13 Dieldrin

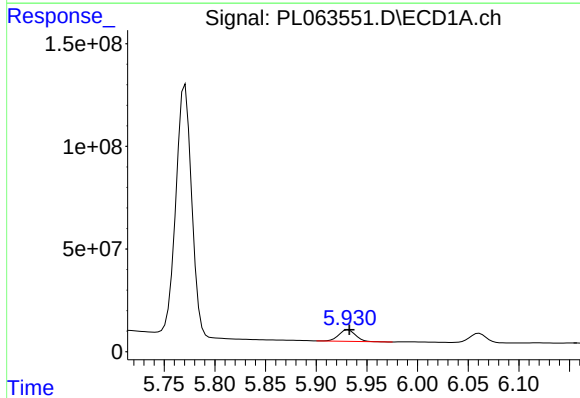
R.T.: 5.677 min  
Delta R.T.: -0.001 min  
Response: 70416427  
Conc: 38.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



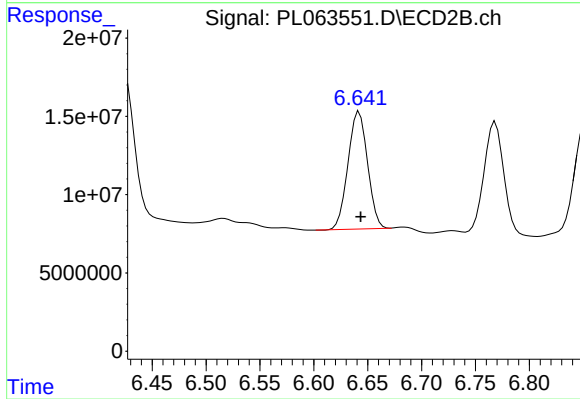
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 115900058  
Conc: 33.74 ng/ml



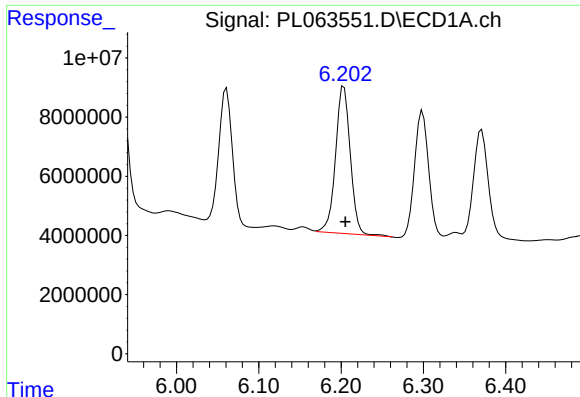
#14 Endrin

R.T.: 5.932 min  
Delta R.T.: -0.001 min  
Response: 64020231  
Conc: 38.14 ng/ml



#14 Endrin

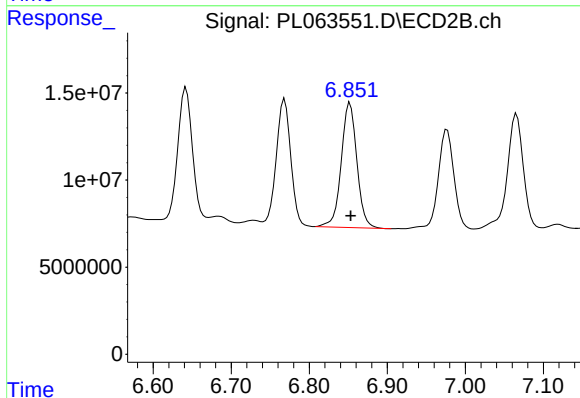
R.T.: 6.642 min  
Delta R.T.: -0.001 min  
Response: 94818600  
Conc: 32.42 ng/ml



#15 Endosulfan II

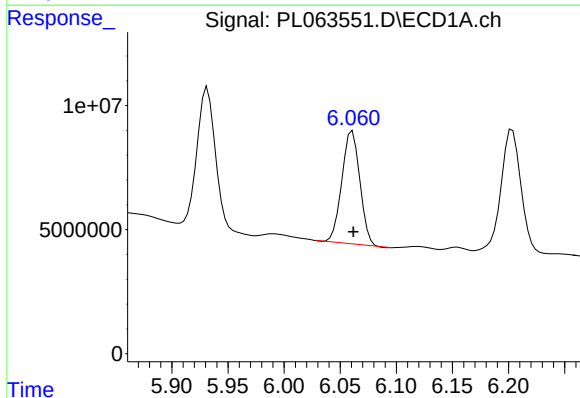
R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 61633393  
Conc: 34.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



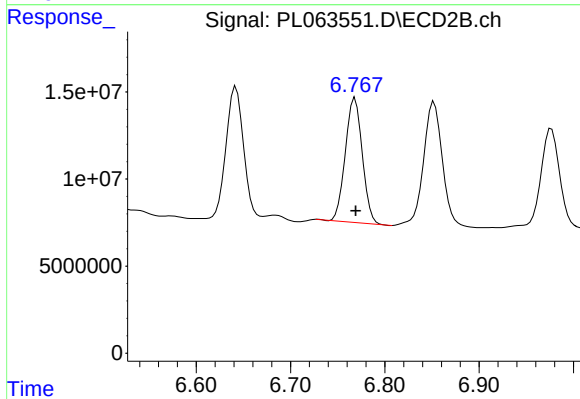
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 99731438  
Conc: 31.31 ng/ml



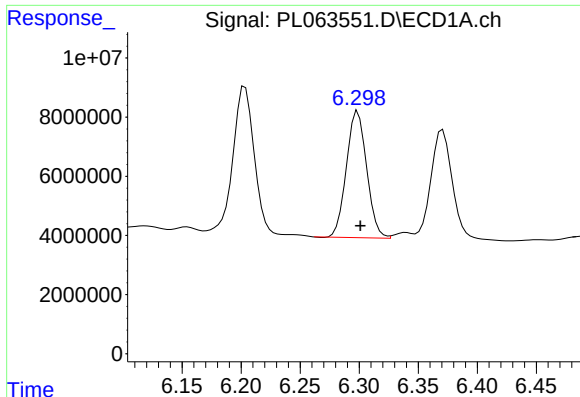
#16 4,4'-DDD

R.T.: 6.061 min  
Delta R.T.: -0.001 min  
Response: 50814863  
Conc: 33.85 ng/ml



#16 4,4'-DDD

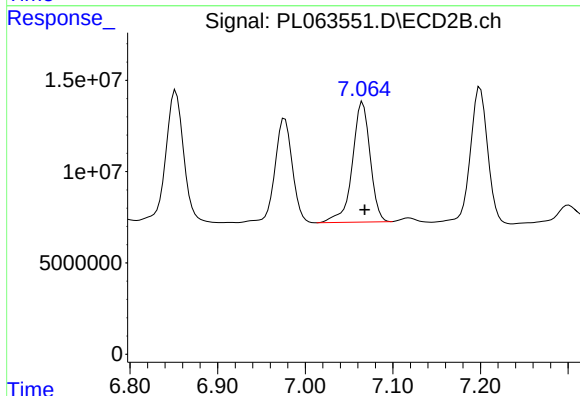
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 89748775  
Conc: 33.11 ng/ml



#17 4,4'-DDT

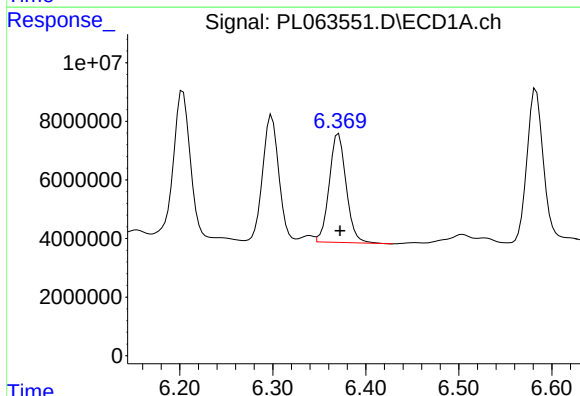
R.T.: 6.299 min  
Delta R.T.: -0.002 min  
Response: 51123541  
Conc: 37.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



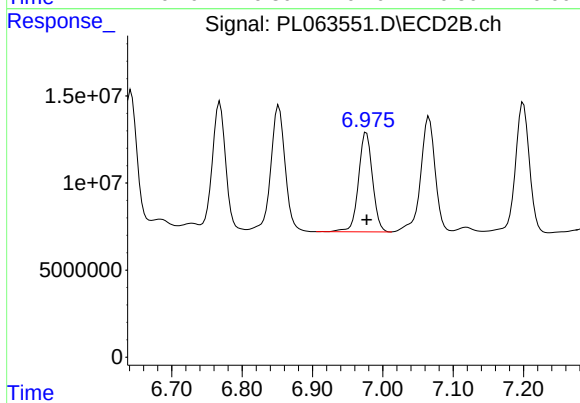
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: -0.002 min  
Response: 92847932  
Conc: 36.31 ng/ml



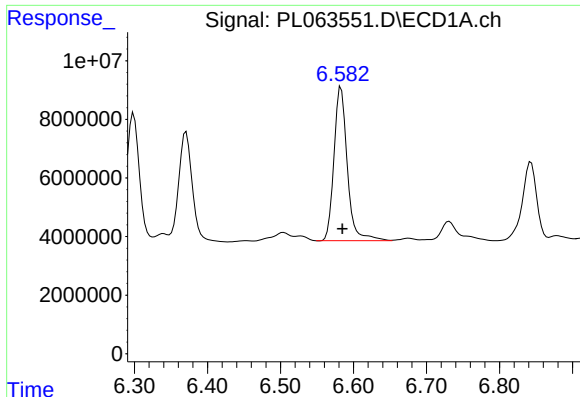
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: -0.002 min  
Response: 47002430  
Conc: 30.66 ng/ml



#18 Endrin aldehyde

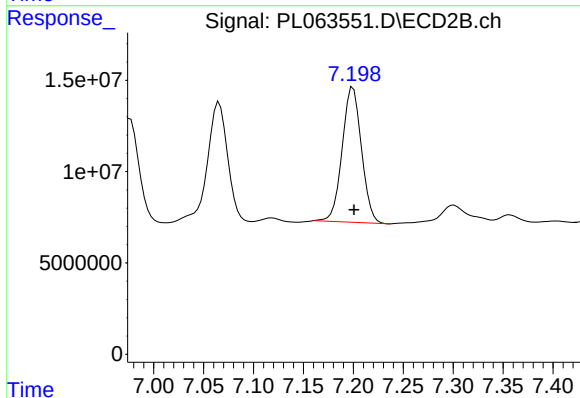
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 78872012  
Conc: 30.91 ng/ml



#19 Endosulfan Sulfate

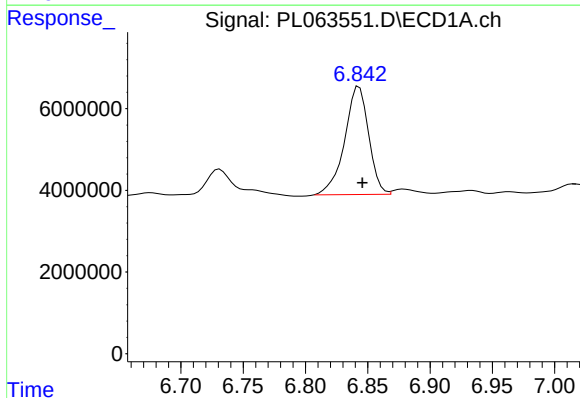
R.T.: 6.583 min  
Delta R.T.: -0.002 min  
Response: 66711524  
Conc: 38.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



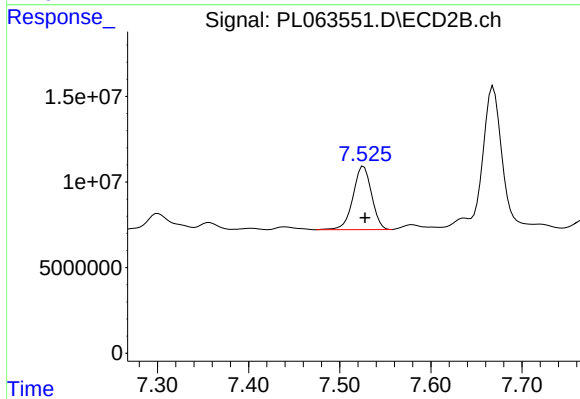
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: -0.001 min  
Response: 99510653  
Conc: 35.77 ng/ml



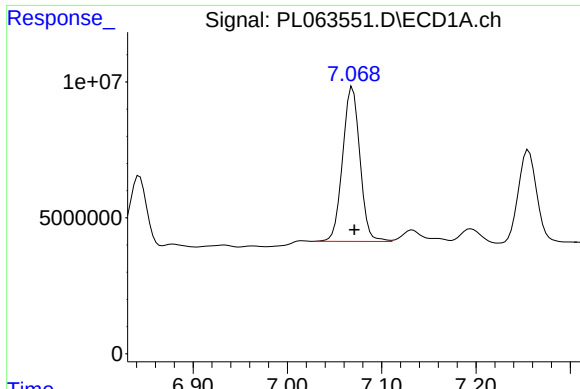
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.003 min  
Response: 35670376  
Conc: 40.09 ng/ml



#20 Methoxychlor

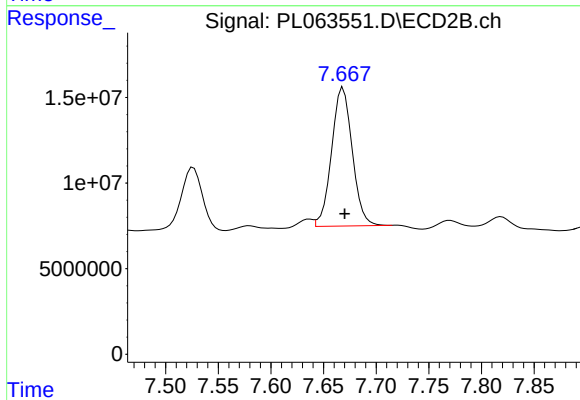
R.T.: 7.526 min  
Delta R.T.: -0.001 min  
Response: 52153602  
Conc: 37.40 ng/ml



#21 Endrin ketone

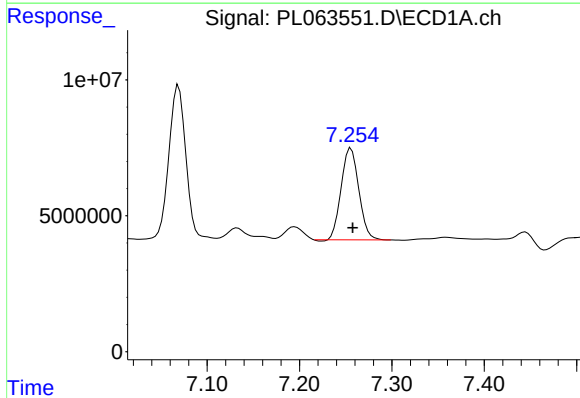
R.T.: 7.069 min  
Delta R.T.: -0.002 min  
Response: 72518597  
Conc: 36.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



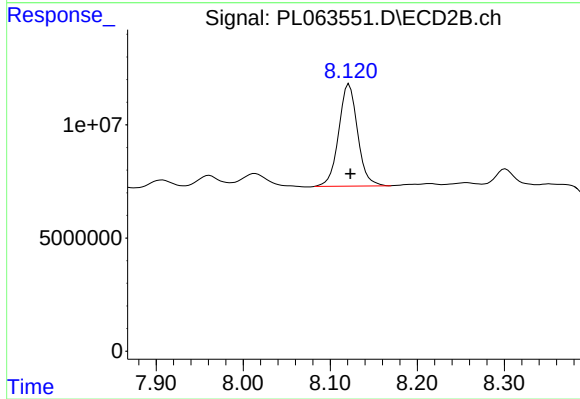
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: -0.001 min  
Response: 110662644  
Conc: 37.94 ng/ml



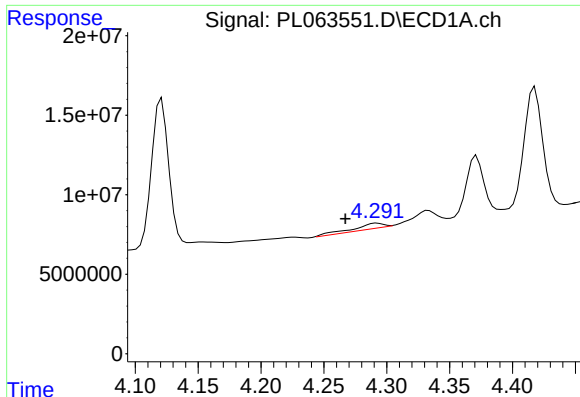
#22 Mirex

R.T.: 7.256 min  
Delta R.T.: -0.002 min  
Response: 44771442  
Conc: 28.20 ng/ml



#22 Mirex

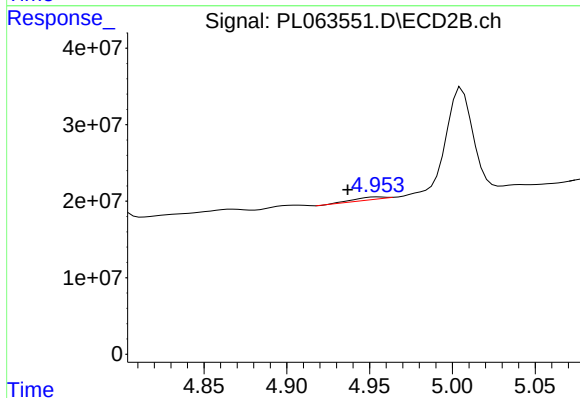
R.T.: 8.122 min  
Delta R.T.: -0.002 min  
Response: 67947759  
Conc: 34.10 ng/ml



#23 Chlordane-1

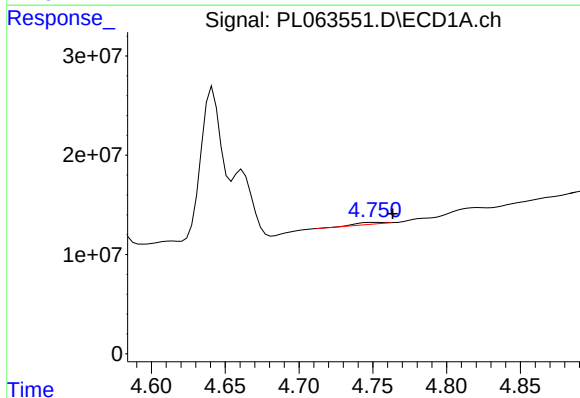
R.T.: 4.292 min  
Delta R.T.: 0.025 min  
Response: 5623619  
Conc: 102.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



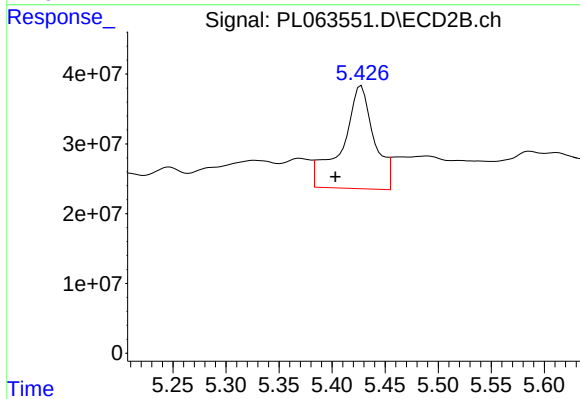
#23 Chlordane-1

R.T.: 4.955 min  
Delta R.T.: 0.018 min  
Response: 3896343  
Conc: 33.96 ng/ml



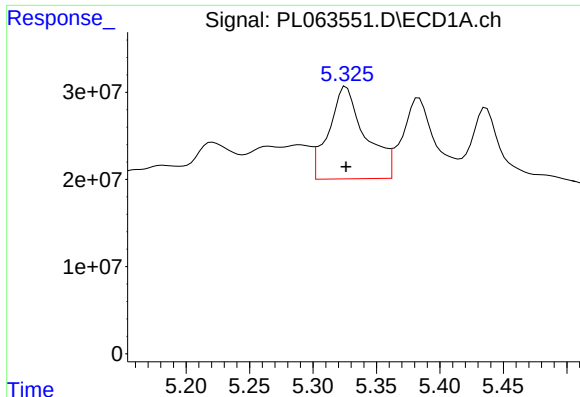
#24 Chlordane-2

R.T.: 4.751 min  
Delta R.T.: -0.012 min  
Response: 2273870  
Conc: 36.21 ng/ml



#24 Chlordane-2

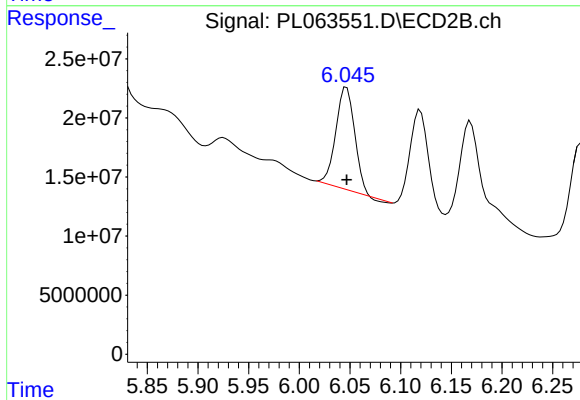
R.T.: 5.428 min  
Delta R.T.: 0.024 min  
Response: 308999211  
Conc: 2448.40 ng/ml



#25 Chlordane-3

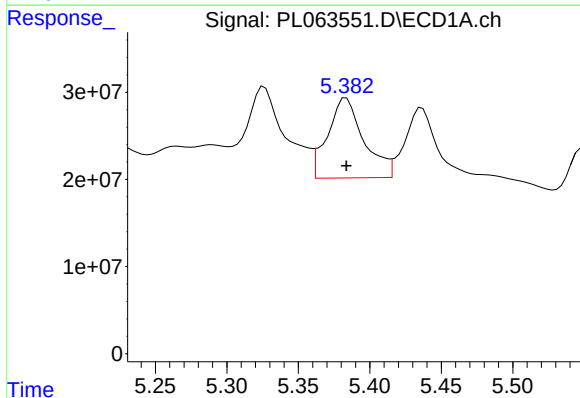
R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 212038032  
Conc: 1223.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



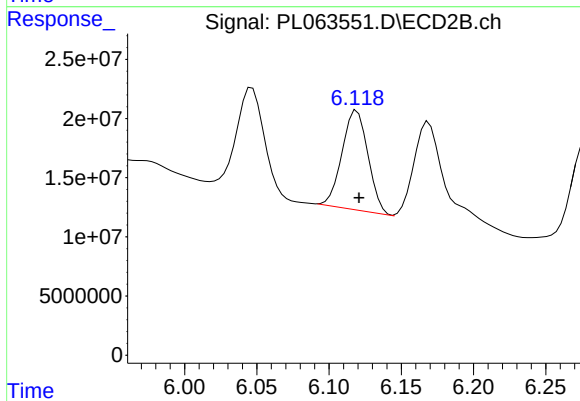
#25 Chlordane-3

R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 111498464  
Conc: 241.98 ng/ml



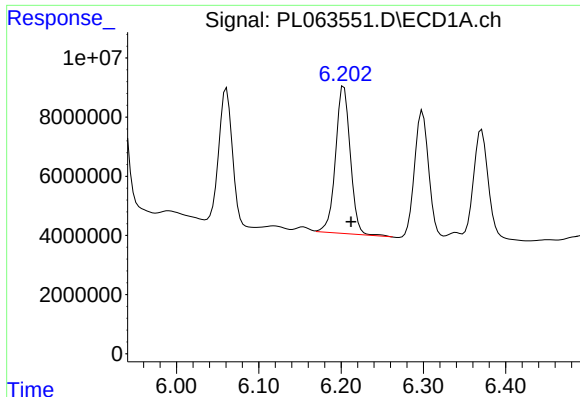
#26 Chlordane-4

R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 161978469  
Conc: 1107.36 ng/ml



#26 Chlordane-4

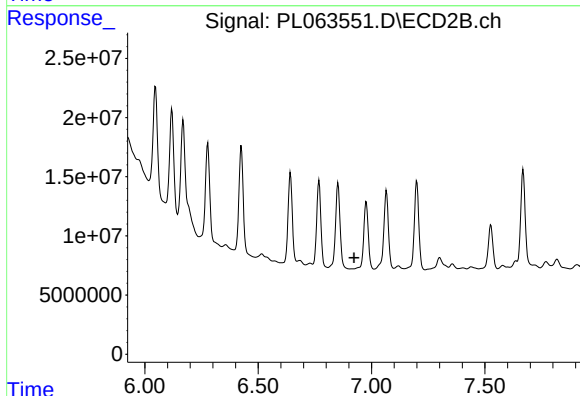
R.T.: 6.119 min  
Delta R.T.: -0.001 min  
Response: 105432640  
Conc: 192.30 ng/ml



#27 Chlordane-5

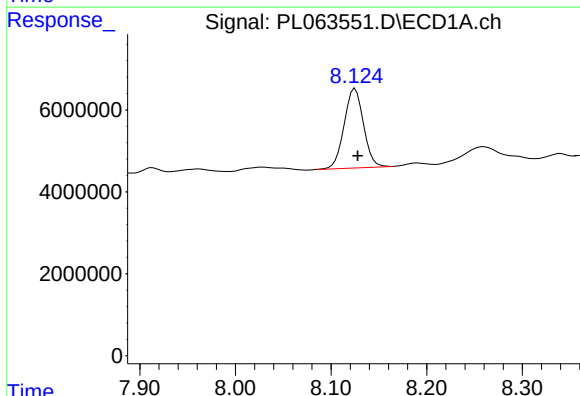
R.T.: 6.203 min  
Delta R.T.: -0.009 min  
Response: 61633393  
Conc: 988.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JBD-BOLLARDS-0-6MS



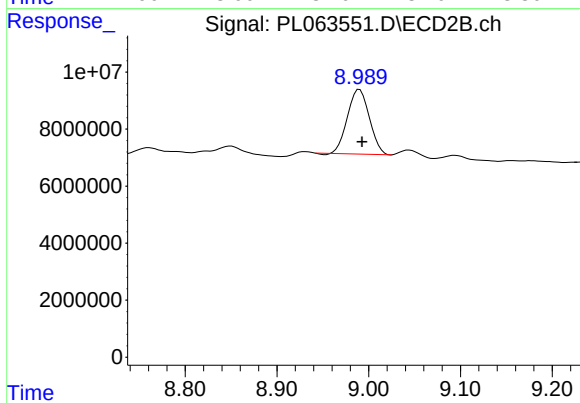
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.125 min  
Delta R.T.: -0.003 min  
Response: 27249044  
Conc: 13.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: -0.003 min  
Response: 37424160  
Conc: 14.86 ng/ml