

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020421\  
 Data File : PL064633.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2021 13:59  
 Operator : AR\AJ  
 Sample : M1292-03MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 02:05:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 29 04:48:57 2021  
 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... | 3.432  | 4.107  | 60639218 | 49034276 | 19.920   | 20.585     |
| 28)                         | SA Decachlor... | 8.164  | 9.270  | 147.6E6  | 132.6E6  | 46.833   | 64.786 #   |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.866  | 4.509  | 210.7E6  | 152.0E6  | 41.999   | 43.960     |
| 3)                          | MA gamma-BHC... | 4.146  | 4.801  | 194.7E6  | 144.3E6  | 41.563   | 43.770     |
| 4)                          | MA Heptachlor   | 4.445  | 5.314  | 183.3E6  | 160.2E6  | 39.637   | 45.970     |
| 5)                          | MB Aldrin       | 4.691  | 5.624  | 172.8E6  | 155.9E6  | 40.667   | 52.246 #   |
| 6)                          | B beta-BHC      | 4.395  | 4.977  | 74113222 | 59140185 | 38.348   | 34.948     |
| 7)                          | B delta-BHC     | 4.597  | 5.199  | 173.4E6  | 126.7E6  | 37.261   | 41.137     |
| 8)                          | B Heptachlo...  | 5.131  | 6.019  | 156.1E6  | 112.3E6  | 38.320   | 43.848     |
| 9)                          | A Endosulfan I  | 5.468  | 6.380  | 140.7E6  | 126.4E6  | 37.271   | 47.539 #   |
| 10)                         | B gamma-Chl...  | 5.357  | 6.254  | 149.0E6  | 116.1E6  | 35.997   | 39.931     |
| 11)                         | B alpha-Chl...  | 5.415  | 6.327  | 146.6E6  | 111.0E6  | 35.758   | 37.706     |
| 12)                         | B 4,4'-DDE      | 5.582  | 6.483  | 153.7E6  | 121.4E6  | 40.763   | 46.902     |
| 13)                         | MA Dieldrin     | 5.709  | 6.641  | 183.0E6  | 152.4E6  | 45.753   | 55.289     |
| 14)                         | MA Endrin       | 5.965  | 6.864  | 142.0E6  | 89700758 | 38.831   | 39.076     |
| 15)                         | B Endosulfa...  | 6.236  | 7.077  | 138.1E6  | 77917939 | 38.180   | 31.565     |
| 16)                         | A 4,4'-DDD      | 6.095  | 6.983  | 102.6E6  | 185.4E6  | 32.598   | 80.524 #   |
| 17)                         | MA 4,4'-DDT     | 6.334  | 7.282  | 168.5E6  | 86246162 | 54.902   | 41.989     |
| 18)                         | B Endrin al...  | 6.423f | 7.202  | 246.5E6  | 67199092 | 80.366   | 31.646 #   |
| 19)                         | B Endosulfa...  | 6.618  | 7.426  | 577.5E6  | 53848949 | 158.874  | 22.396 #   |
| 20)                         | A Methoxychlor  | 6.861f | 7.740  | 560.3E6  | 50414485 | 310.196  | 39.849 #   |
| 21)                         | B Endrin ke...  | 7.105  | 7.902  | 9178392  | 85009902 | 2.355    | 34.959 #   |
| 22)                         | Mirex           | 7.290  | 8.368  | 81812805 | 353.5E6  | 27.307   | 184.058 #  |
| 23)                         | Chlordane-1     | 4.303  | 0.000  | 6249789  | 0        | 56.856   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.624f | 0        | 155.9E6  | N.D.     | 1503.520 # |
| 25)                         | Chlordane-3     | 5.357  | 6.254  | 149.0E6  | 116.1E6  | 413.138  | 323.826    |
| 26)                         | Chlordane-4     | 5.415  | 6.327  | 146.6E6  | 111.0E6  | 492.959  | 252.301 #  |
| 27)                         | Chlordane-5     | 6.236  | 7.126f | 138.1E6  | -839888  | 1160.070 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

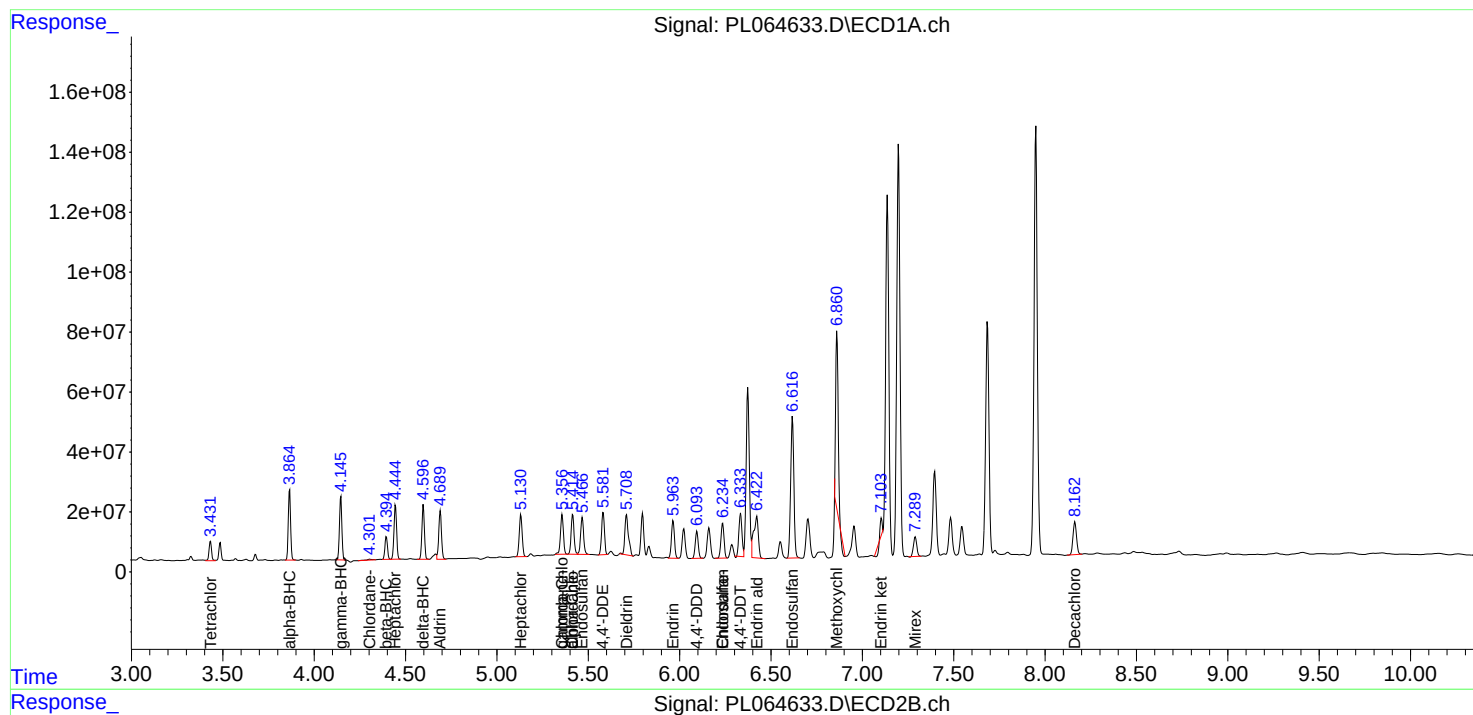
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

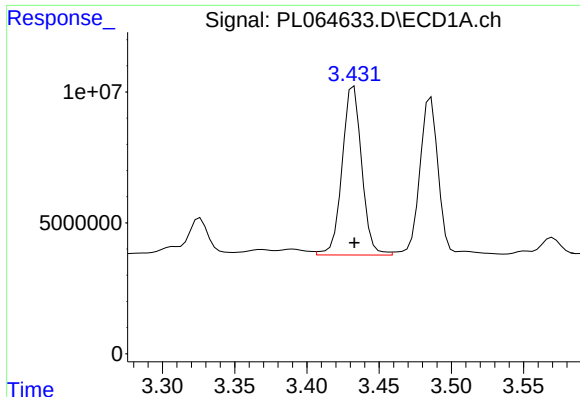
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020421\  
Data File : PL064633.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2021 13:59  
Operator : AR\AJ  
Sample : M1292-03MSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 02:05:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 29 04:48:57 2021  
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

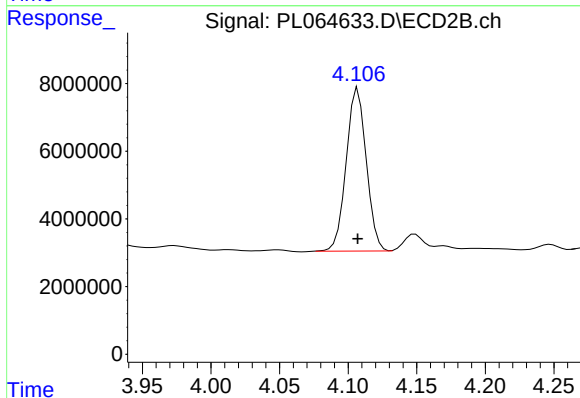




#1 Tetrachloro-m-xylene

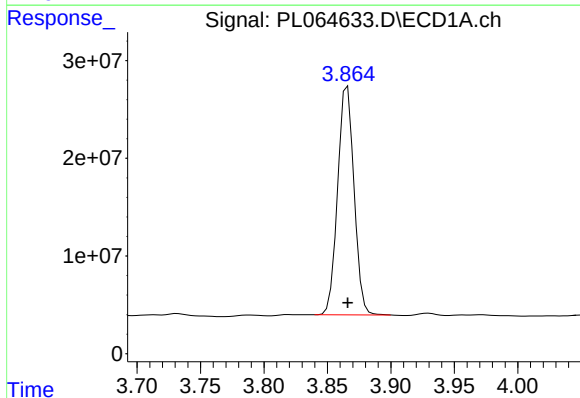
R.T.: 3.432 min  
Delta R.T.: 0.000 min  
Response: 60639218  
Conc: 19.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



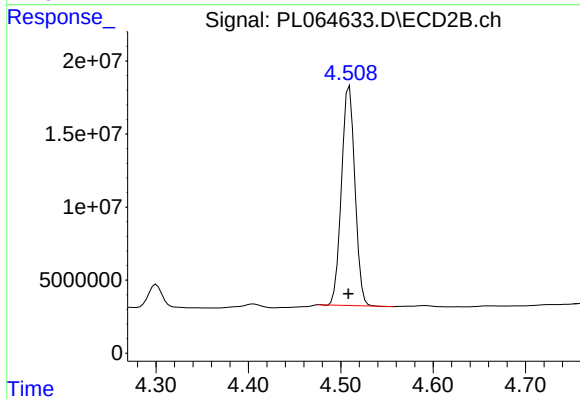
#1 Tetrachloro-m-xylene

R.T.: 4.107 min  
Delta R.T.: 0.000 min  
Response: 49034276  
Conc: 20.59 ng/ml



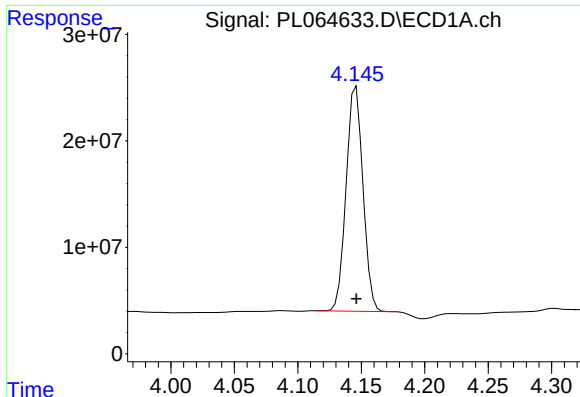
#2 alpha-BHC

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 210683707  
Conc: 42.00 ng/ml



#2 alpha-BHC

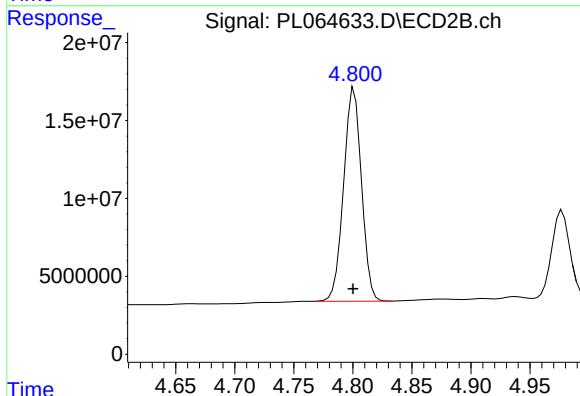
R.T.: 4.509 min  
Delta R.T.: 0.001 min  
Response: 151982593  
Conc: 43.96 ng/ml



#3 gamma-BHC (Lindane)

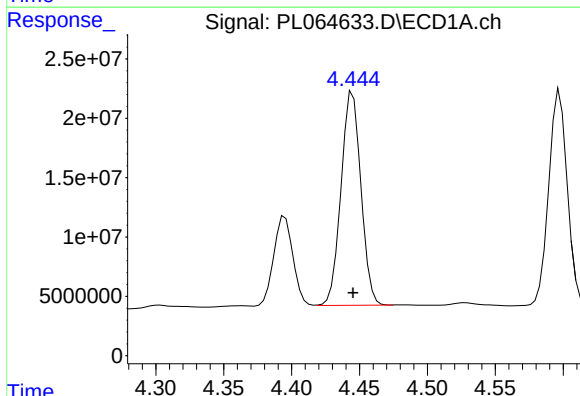
R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 194657692  
Conc: 41.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



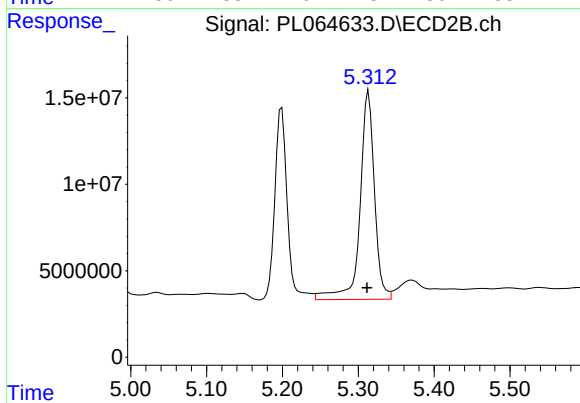
#3 gamma-BHC (Lindane)

R.T.: 4.801 min  
Delta R.T.: 0.001 min  
Response: 144306188  
Conc: 43.77 ng/ml



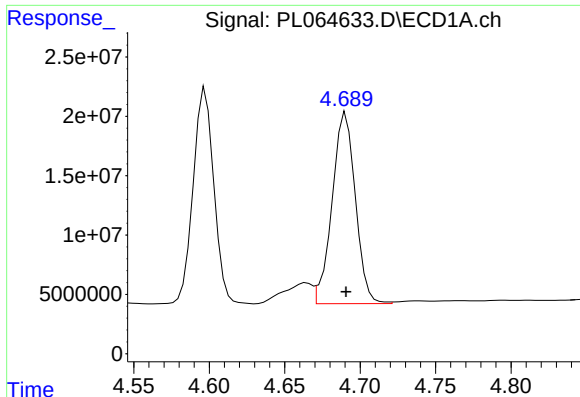
#4 Heptachlor

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 183277871  
Conc: 39.64 ng/ml



#4 Heptachlor

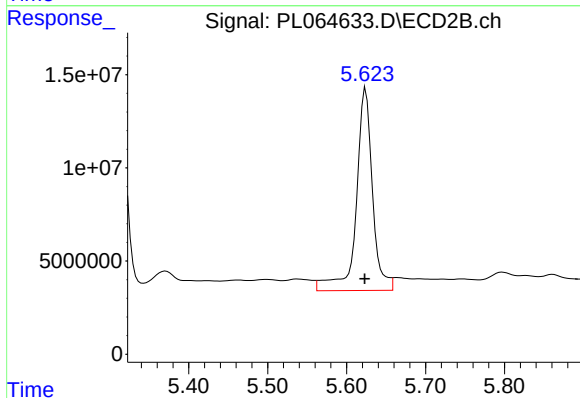
R.T.: 5.314 min  
Delta R.T.: 0.002 min  
Response: 160218679  
Conc: 45.97 ng/ml



#5 Aldrin

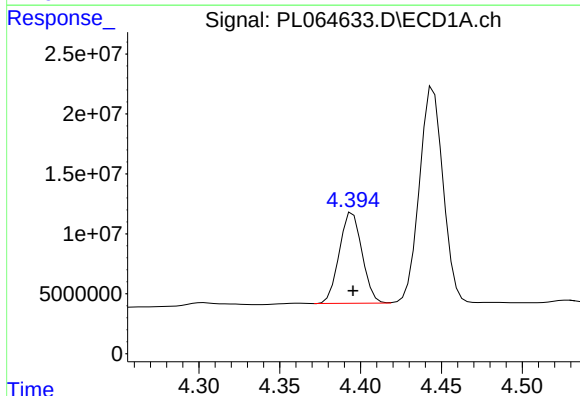
R.T.: 4.691 min  
Delta R.T.: 0.000 min  
Response: 172810570  
Conc: 40.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



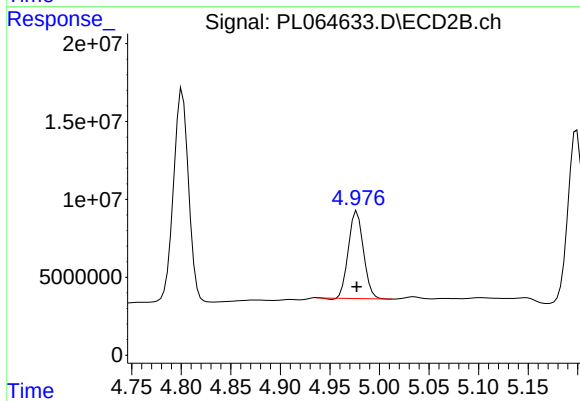
#5 Aldrin

R.T.: 5.624 min  
Delta R.T.: 0.001 min  
Response: 155945360  
Conc: 52.25 ng/ml



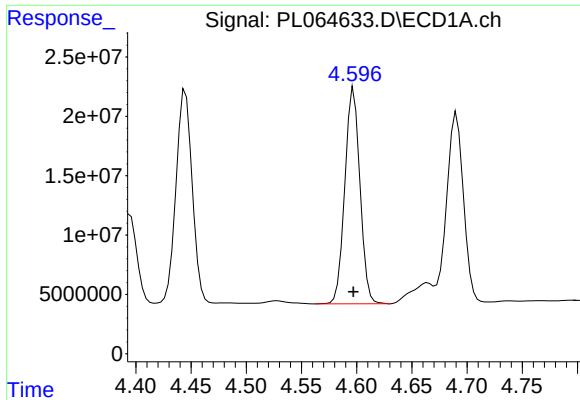
#6 beta-BHC

R.T.: 4.395 min  
Delta R.T.: 0.000 min  
Response: 74113222  
Conc: 38.35 ng/ml



#6 beta-BHC

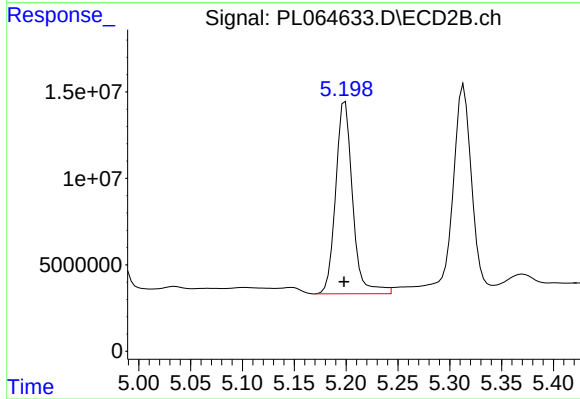
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 59140185  
Conc: 34.95 ng/ml



#7 delta-BHC

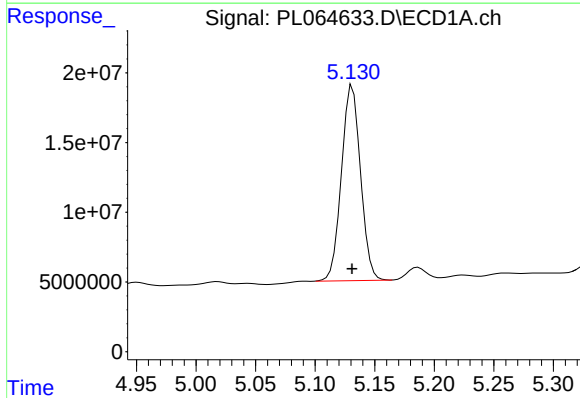
R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 173380796  
Conc: 37.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



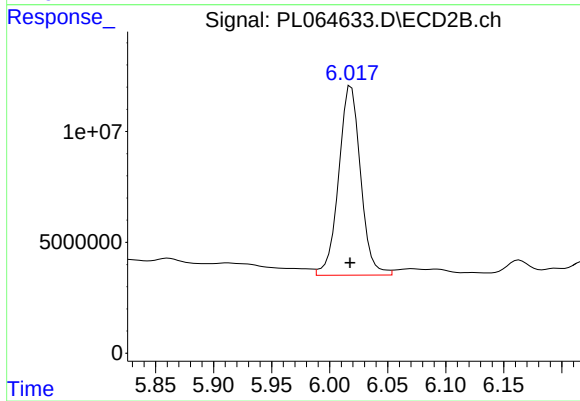
#7 delta-BHC

R.T.: 5.199 min  
Delta R.T.: 0.001 min  
Response: 126711317  
Conc: 41.14 ng/ml



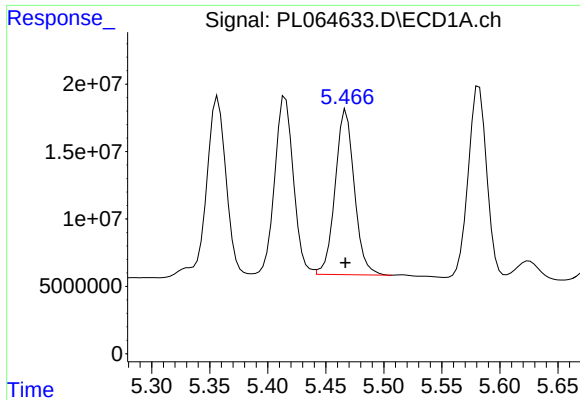
#8 Heptachlor epoxide

R.T.: 5.131 min  
Delta R.T.: 0.000 min  
Response: 156100007  
Conc: 38.32 ng/ml



#8 Heptachlor epoxide

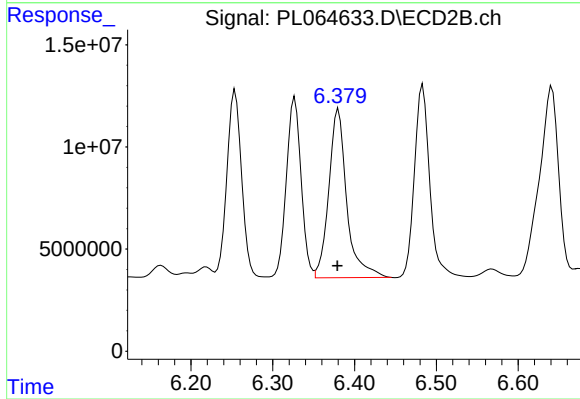
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 112316880  
Conc: 43.85 ng/ml



#9 Endosulfan I

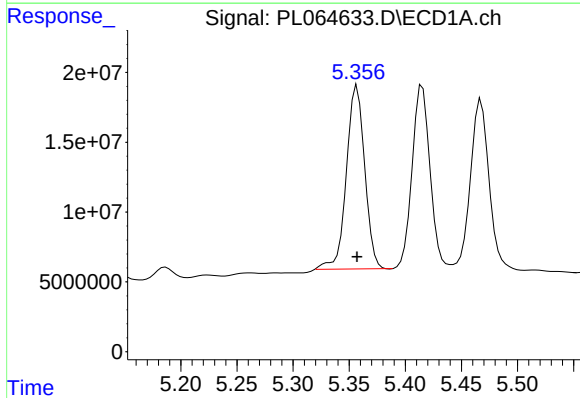
R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 140749038  
Conc: 37.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



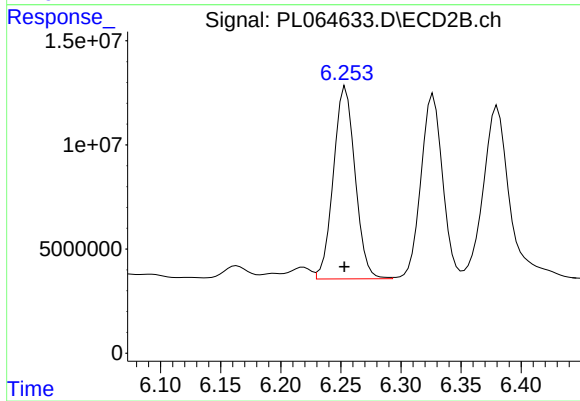
#9 Endosulfan I

R.T.: 6.380 min  
Delta R.T.: 0.001 min  
Response: 126439640  
Conc: 47.54 ng/ml



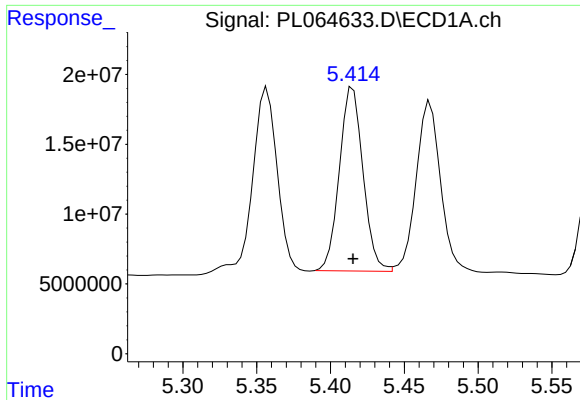
#10 gamma-Chlordane

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 149030464  
Conc: 36.00 ng/ml



#10 gamma-Chlordane

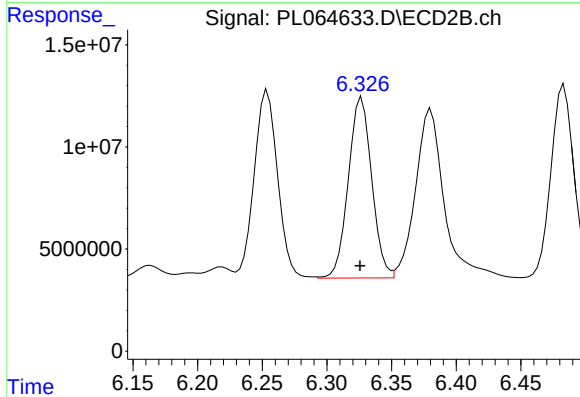
R.T.: 6.254 min  
Delta R.T.: 0.001 min  
Response: 116087456  
Conc: 39.93 ng/ml



#11 alpha-Chlordane

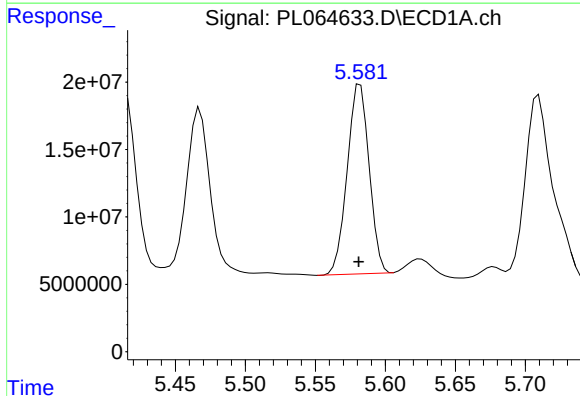
R.T.: 5.415 min  
Delta R.T.: 0.000 min  
Response: 146628916  
Conc: 35.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



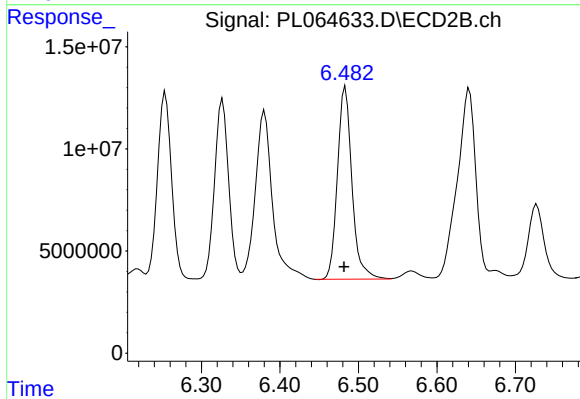
#11 alpha-Chlordane

R.T.: 6.327 min  
Delta R.T.: 0.001 min  
Response: 110951448  
Conc: 37.71 ng/ml



#12 4,4'-DDE

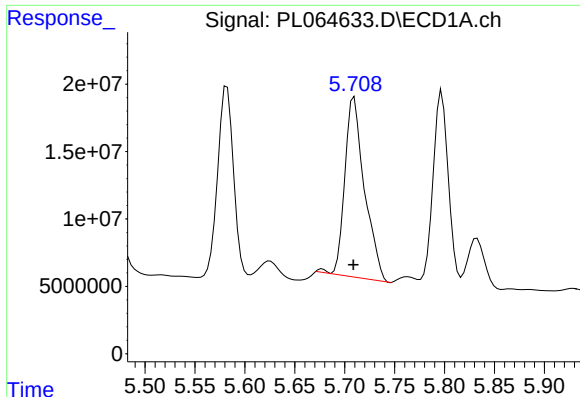
R.T.: 5.582 min  
Delta R.T.: 0.001 min  
Response: 153656413  
Conc: 40.76 ng/ml



#12 4,4'-DDE

R.T.: 6.483 min  
Delta R.T.: 0.002 min  
Response: 121444117  
Conc: 46.90 ng/ml

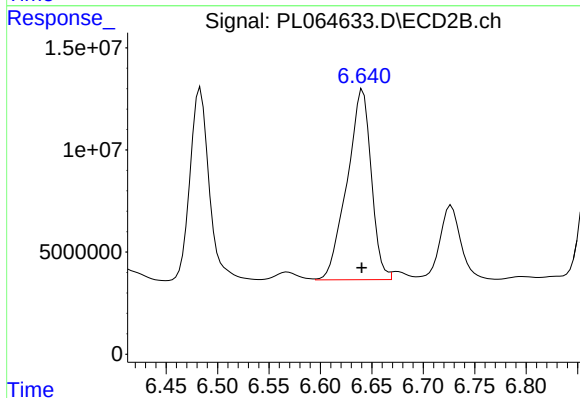




#13 Dieldrin

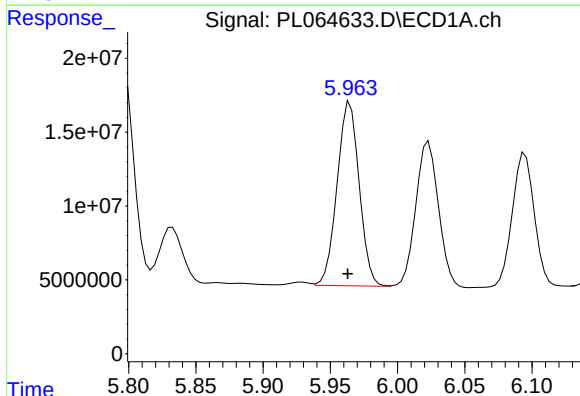
R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 182979699  
Conc: 45.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



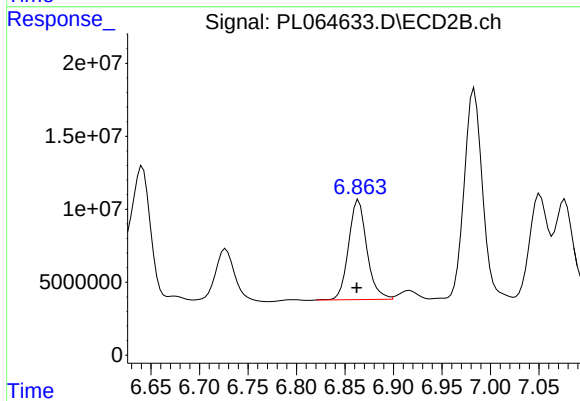
#13 Dieldrin

R.T.: 6.641 min  
Delta R.T.: 0.000 min  
Response: 152430475  
Conc: 55.29 ng/ml



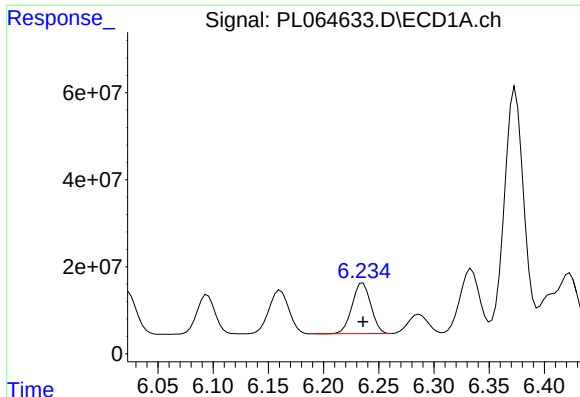
#14 Endrin

R.T.: 5.965 min  
Delta R.T.: 0.002 min  
Response: 142038649  
Conc: 38.83 ng/ml



#14 Endrin

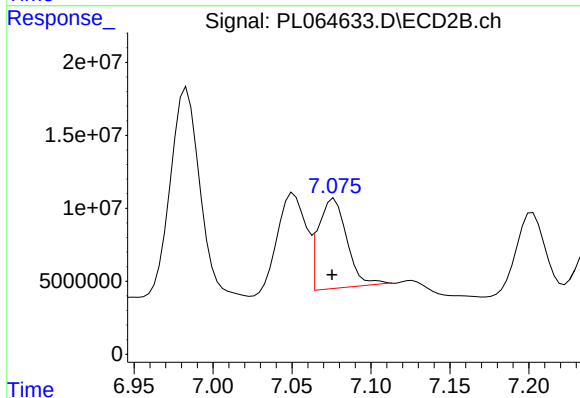
R.T.: 6.864 min  
Delta R.T.: 0.002 min  
Response: 89700758  
Conc: 39.08 ng/ml



#15 Endosulfan II

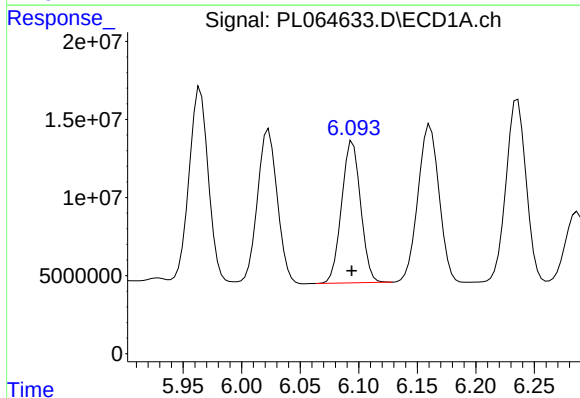
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 138104969  
Conc: 38.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



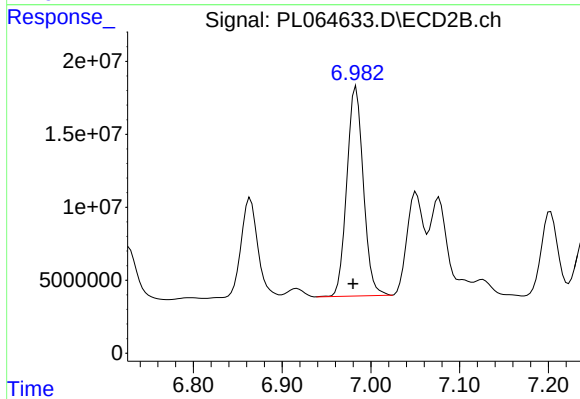
#15 Endosulfan II

R.T.: 7.077 min  
Delta R.T.: 0.001 min  
Response: 77917939  
Conc: 31.57 ng/ml



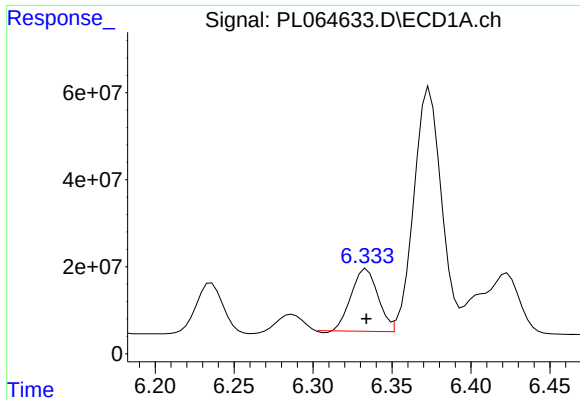
#16 4,4'-DDD

R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 102585056  
Conc: 32.60 ng/ml



#16 4,4'-DDD

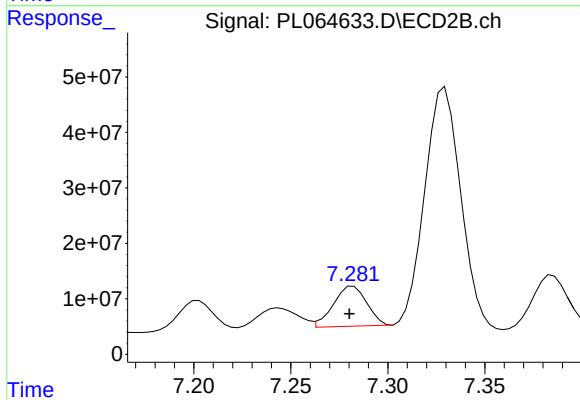
R.T.: 6.983 min  
Delta R.T.: 0.003 min  
Response: 185357147  
Conc: 80.52 ng/ml



#17 4,4'-DDT

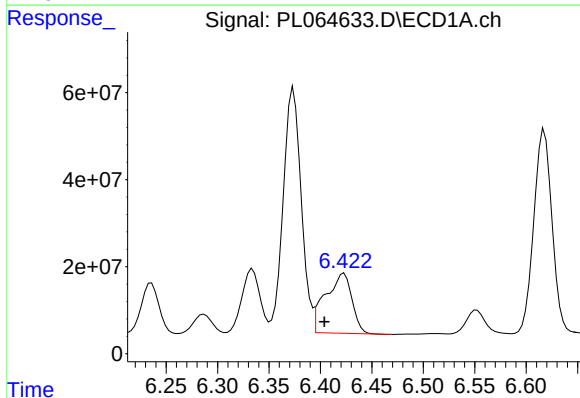
R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 168494387  
Conc: 54.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



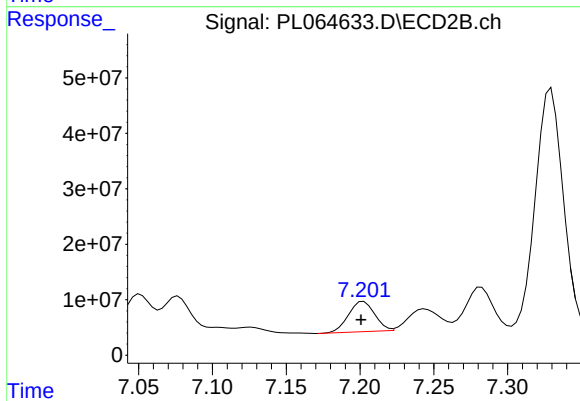
#17 4,4'-DDT

R.T.: 7.282 min  
Delta R.T.: 0.002 min  
Response: 86246162  
Conc: 41.99 ng/ml



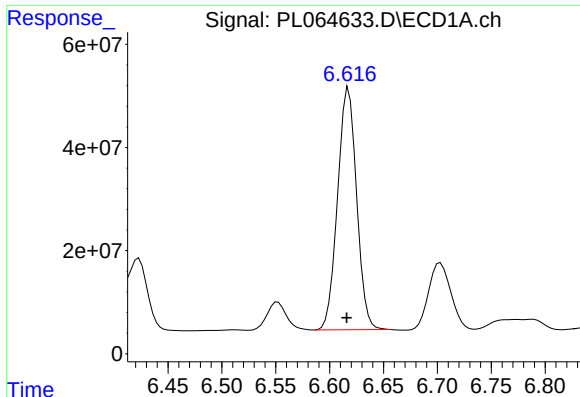
#18 Endrin aldehyde

R.T.: 6.423 min  
Delta R.T.: 0.019 min  
Response: 246498731  
Conc: 80.37 ng/ml



#18 Endrin aldehyde

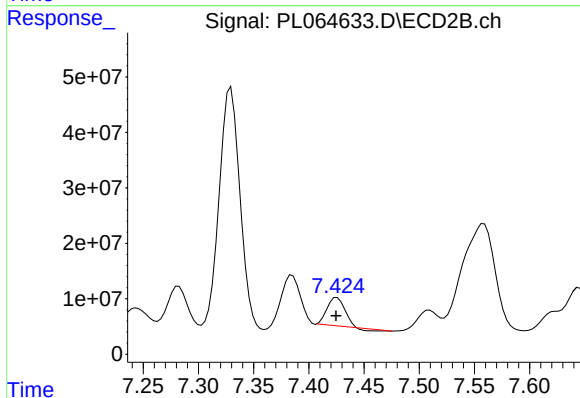
R.T.: 7.202 min  
Delta R.T.: 0.002 min  
Response: 67199092  
Conc: 31.65 ng/ml



#19 Endosulfan Sulfate

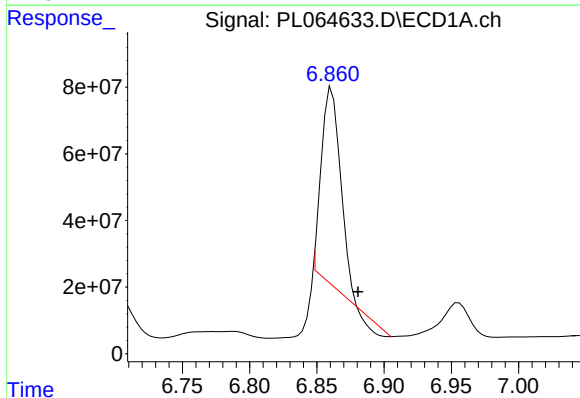
R.T.: 6.618 min  
Delta R.T.: 0.002 min  
Response: 577479715  
Conc: 158.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



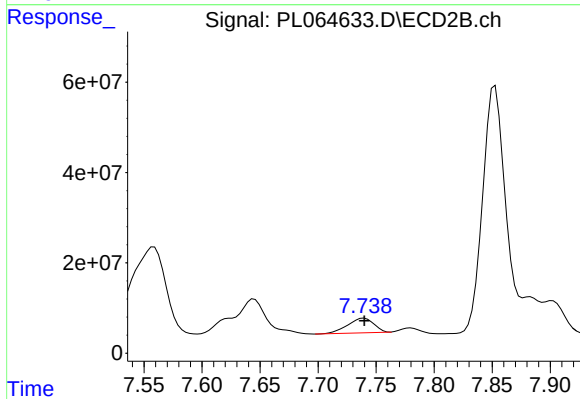
#19 Endosulfan Sulfate

R.T.: 7.426 min  
Delta R.T.: 0.001 min  
Response: 53848949  
Conc: 22.40 ng/ml



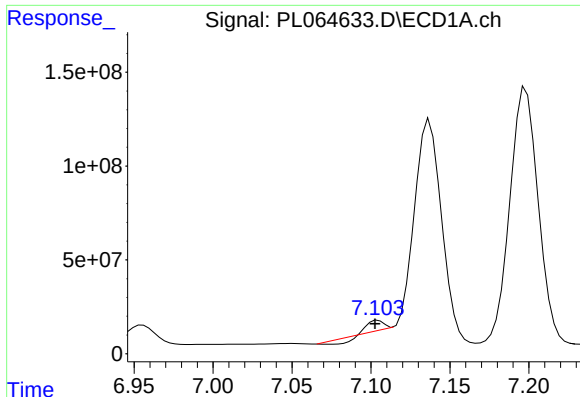
#20 Methoxychlor

R.T.: 6.861 min  
Delta R.T.: -0.020 min  
Response: 560316256  
Conc: 310.20 ng/ml



#20 Methoxychlor

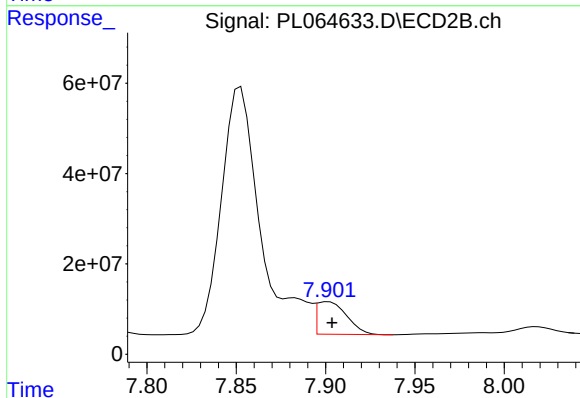
R.T.: 7.740 min  
Delta R.T.: 0.000 min  
Response: 50414485  
Conc: 39.85 ng/ml



#21 Endrin ketone

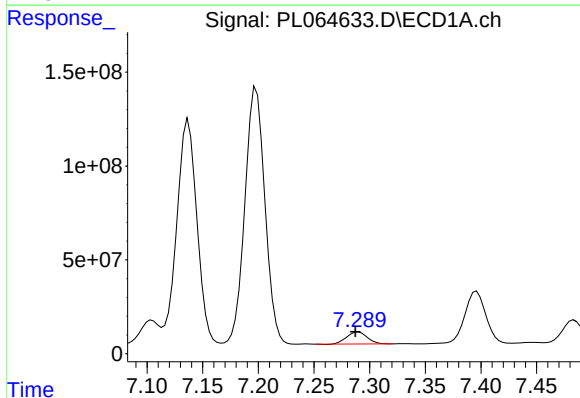
R.T.: 7.105 min  
Delta R.T.: 0.002 min  
Response: 9178392  
Conc: 2.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



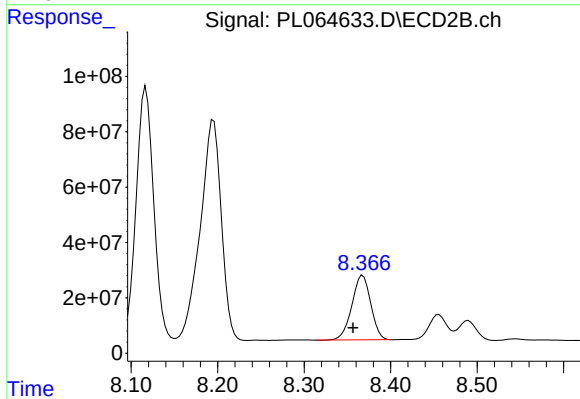
#21 Endrin ketone

R.T.: 7.902 min  
Delta R.T.: -0.002 min  
Response: 85009902  
Conc: 34.96 ng/ml



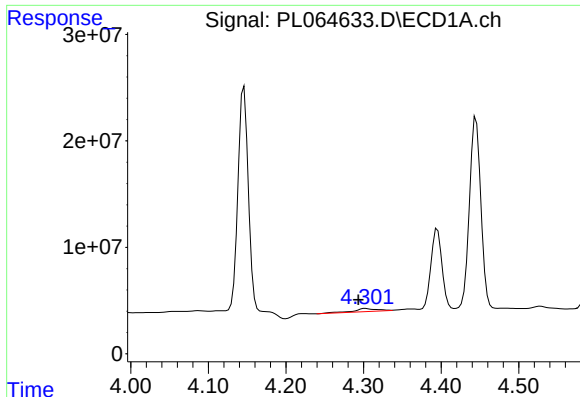
#22 Mirex

R.T.: 7.290 min  
Delta R.T.: 0.003 min  
Response: 81812805  
Conc: 27.31 ng/ml



#22 Mirex

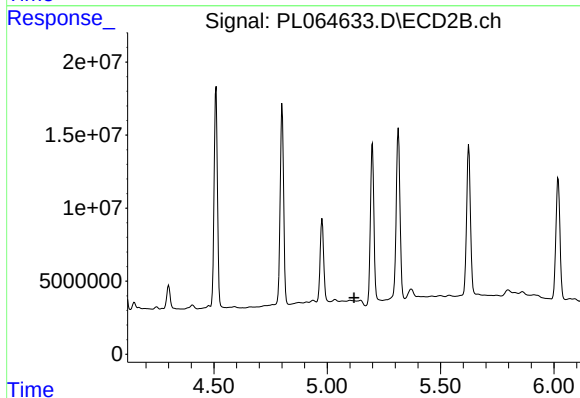
R.T.: 8.368 min  
Delta R.T.: 0.011 min  
Response: 353479861  
Conc: 184.06 ng/ml



#23 Chlordane-1

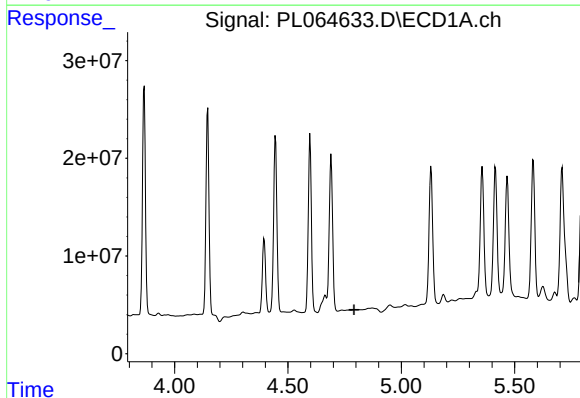
R.T.: 4.303 min  
Delta R.T.: 0.009 min  
Response: 6249789  
Conc: 56.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



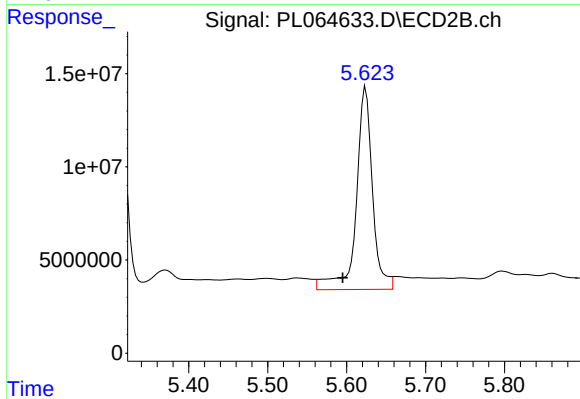
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.119 min  
Response: 0  
Conc: N.D.



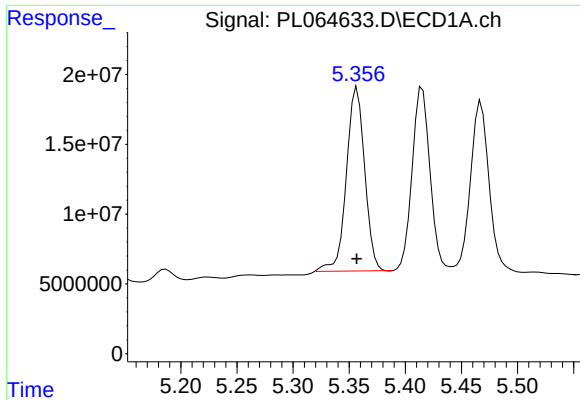
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

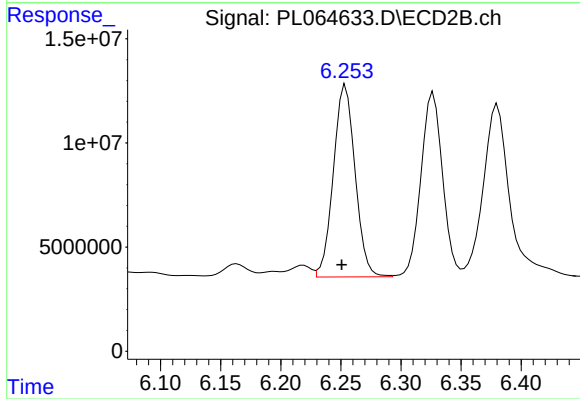
R.T.: 5.624 min  
Delta R.T.: 0.029 min  
Response: 155945360  
Conc: 1503.52 ng/ml



#25 Chlordane-3

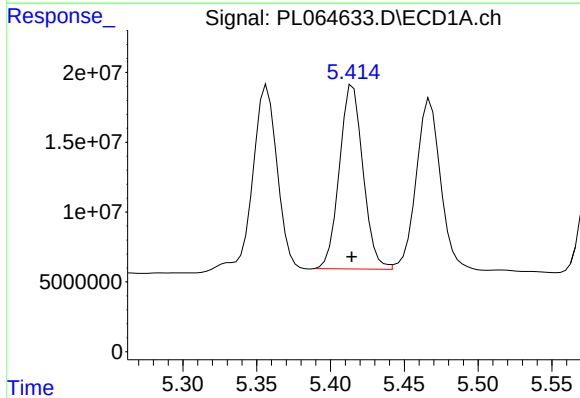
R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 149030464  
Conc: 413.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



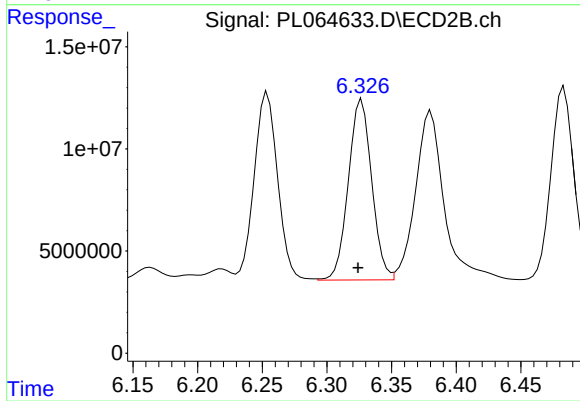
#25 Chlordane-3

R.T.: 6.254 min  
Delta R.T.: 0.003 min  
Response: 116087456  
Conc: 323.83 ng/ml



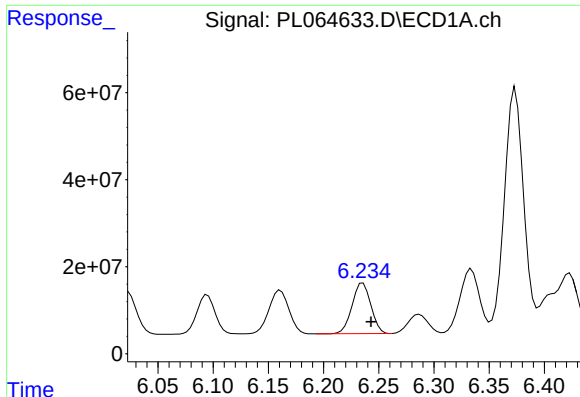
#26 Chlordane-4

R.T.: 5.415 min  
Delta R.T.: 0.000 min  
Response: 146628916  
Conc: 492.96 ng/ml



#26 Chlordane-4

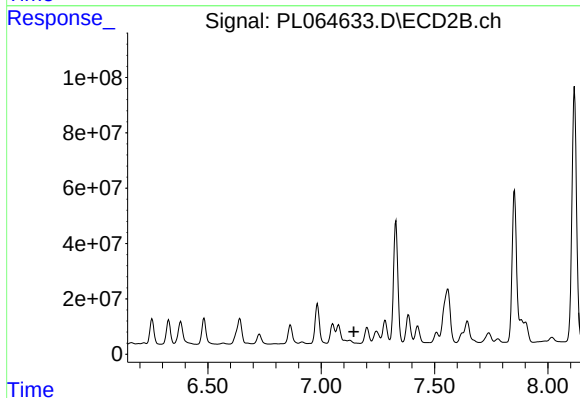
R.T.: 6.327 min  
Delta R.T.: 0.003 min  
Response: 110951448  
Conc: 252.30 ng/ml



#27 Chlordane-5

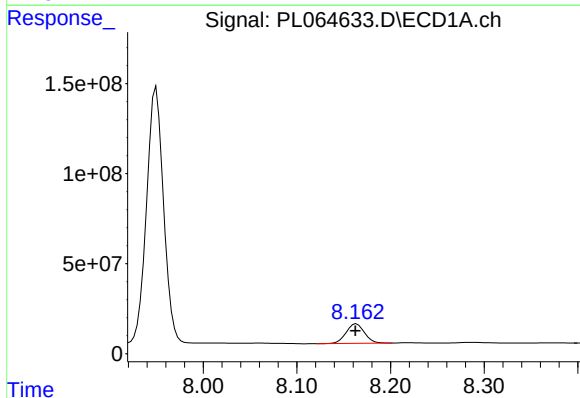
R.T.: 6.236 min  
Delta R.T.: -0.007 min  
Response: 138104969  
Conc: 1160.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



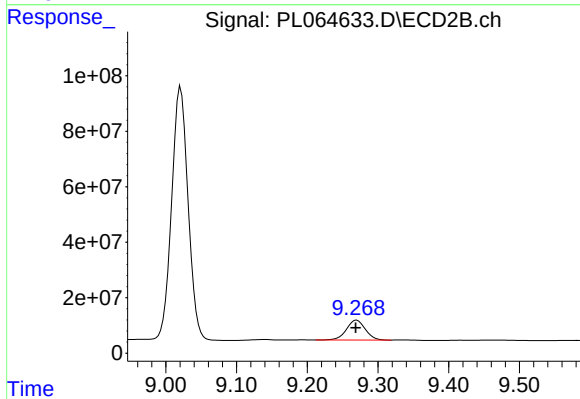
#27 Chlordane-5

R.T.: 7.126 min  
Delta R.T.: -0.018 min  
Response: -839888  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.164 min  
Delta R.T.: 0.001 min  
Response: 147587784  
Conc: 46.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.270 min  
Delta R.T.: 0.001 min  
Response: 132643068  
Conc: 64.79 ng/ml