

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082119\  
 Data File : PL051696.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2019 17:52  
 Operator : SG\AJ  
 Sample : PB122442BSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB122442BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 22 03:51:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.315 | 3.926 | 178.9E6 | 45322920 | 20.899 | 20.745 |
| 28)                         | SA Decachlor... | 7.974 | 8.954 | 212.4E6 | 55803198 | 17.502 | 18.333 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.742 | 4.315 | 800.3E6 | 174.2E6  | 55.230 | 54.072 |
| 3)                          | MA gamma-BHC... | 4.018 | 4.597 | 760.6E6 | 170.1E6  | 57.811 | 54.032 |
| 4)                          | MA Heptachlor   | 4.301 | 5.099 | 846.0E6 | 188.7E6  | 55.881 | 53.797 |
| 5)                          | MB Aldrin       | 4.539 | 5.400 | 816.1E6 | 181.8E6  | 56.478 | 55.449 |
| 6)                          | B beta-BHC      | 4.273 | 4.775 | 318.6E6 | 79974374 | 55.796 | 54.874 |
| 7)                          | B delta-BHC     | 4.465 | 4.988 | 773.3E6 | 162.3E6  | 52.006 | 51.873 |
| 8)                          | B Heptachlo...  | 4.975 | 5.787 | 764.2E6 | 173.5E6  | 54.643 | 51.406 |
| 9)                          | A Endosulfan I  | 5.305 | 6.142 | 717.7E6 | 167.0E6  | 53.387 | 51.666 |
| 10)                         | B gamma-Chl...  | 5.198 | 6.021 | 802.2E6 | 181.2E6  | 53.721 | 49.617 |
| 11)                         | B alpha-Chl...  | 5.253 | 6.093 | 777.1E6 | 179.1E6  | 53.696 | 51.898 |
| 12)                         | B 4,4'-DDE      | 5.420 | 6.253 | 784.5E6 | 183.1E6  | 57.322 | 52.011 |
| 13)                         | MA Dieldrin     | 5.544 | 6.399 | 807.4E6 | 176.6E6  | 53.099 | 51.555 |
| 14)                         | MA Endrin       | 5.796 | 6.616 | 752.1E6 | 156.0E6  | 51.563 | 51.579 |
| 15)                         | B Endosulfa...  | 6.072 | 6.828 | 701.1E6 | 156.7E6  | 50.388 | 47.547 |
| 16)                         | A 4,4'-DDD      | 5.931 | 6.744 | 639.6E6 | 140.3E6  | 52.232 | 51.814 |
| 17)                         | MA 4,4'-DDT     | 6.165 | 7.041 | 665.3E6 | 147.2E6  | 52.176 | 50.271 |
| 18)                         | B Endrin al...  | 6.238 | 6.953 | 581.2E6 | 135.5E6  | 49.961 | 47.928 |
| 19)                         | B Endosulfa...  | 6.449 | 7.175 | 668.4E6 | 154.2E6  | 51.382 | 49.920 |
| 20)                         | A Methoxychlor  | 6.710 | 7.501 | 327.8E6 | 80509218 | 48.346 | 48.002 |
| 21)                         | B Endrin ke...  | 6.931 | 7.644 | 700.1E6 | 157.4E6  | 49.486 | 49.204 |
| 22)                         | Mirex           | 7.104 | 8.091 | 501.8E6 | 120.9E6  | 47.397 | 49.683 |
| -----                       |                 |       |       |         |          |        |        |

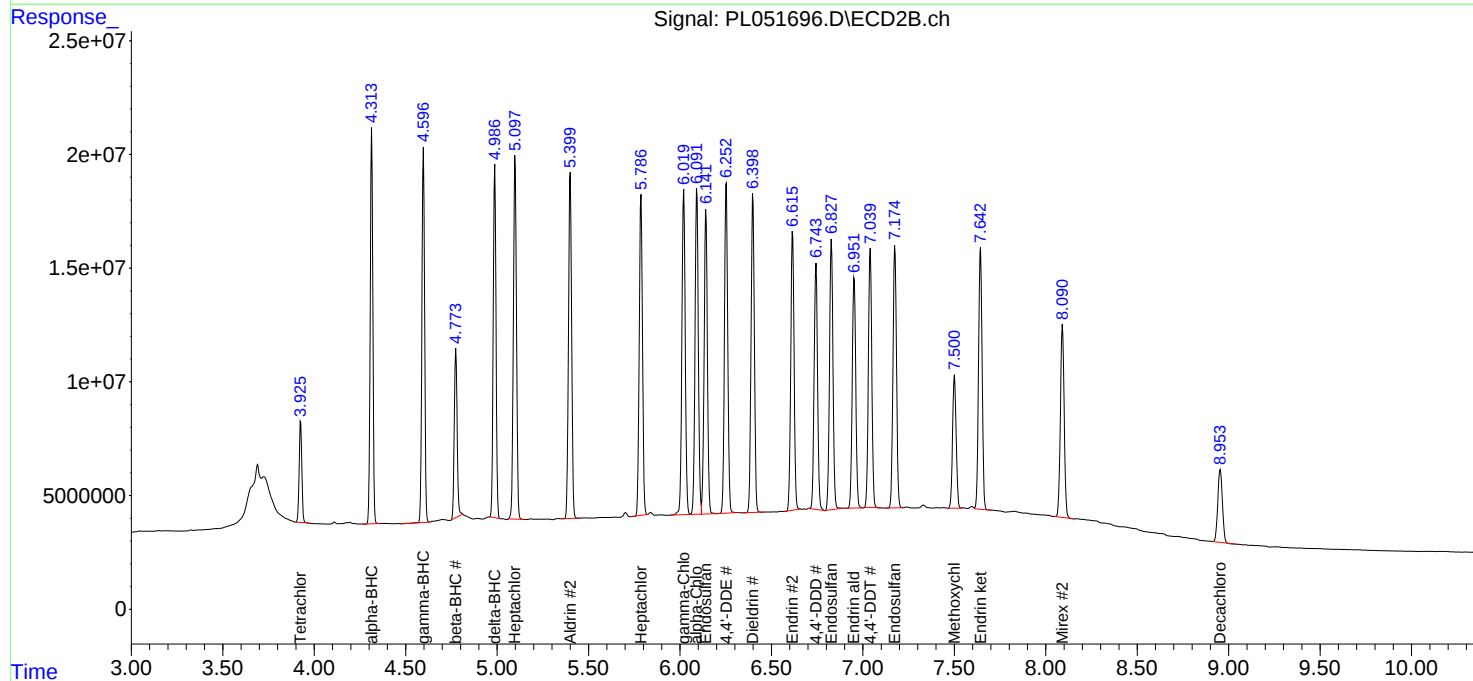
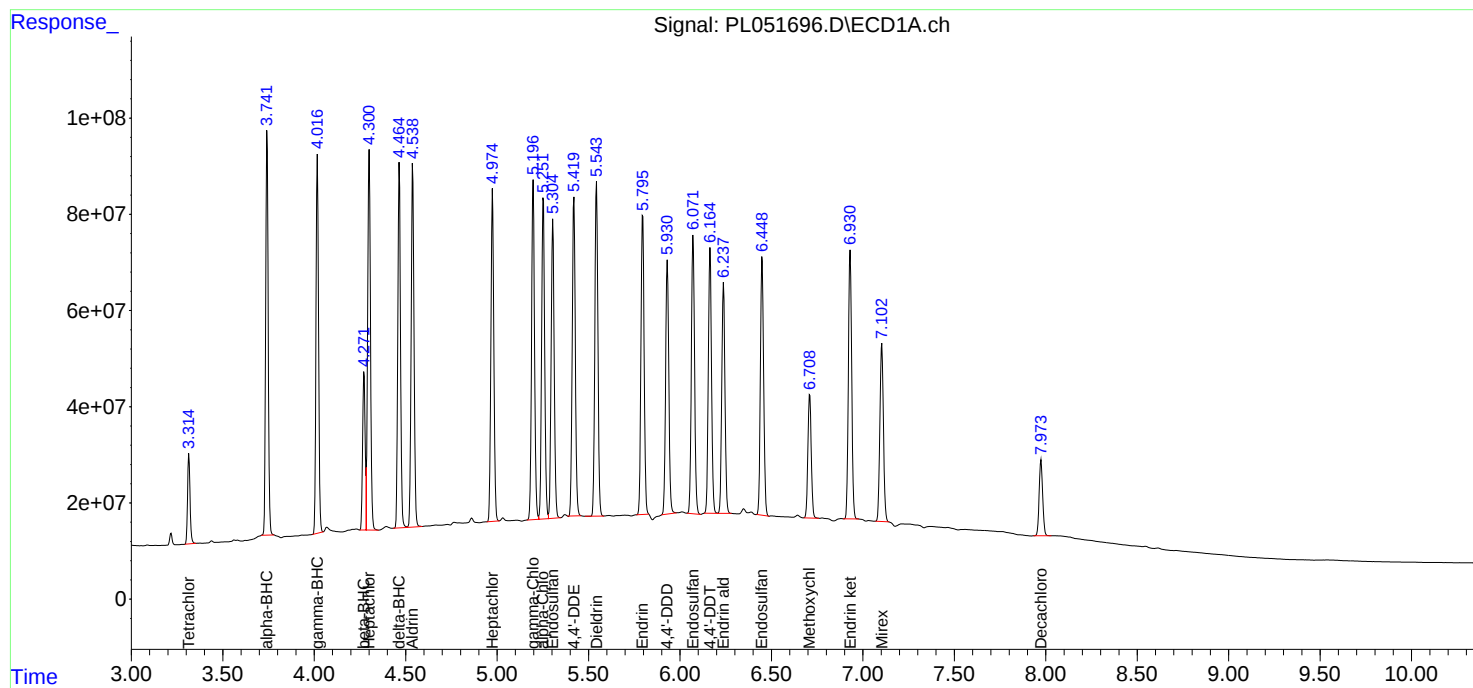
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

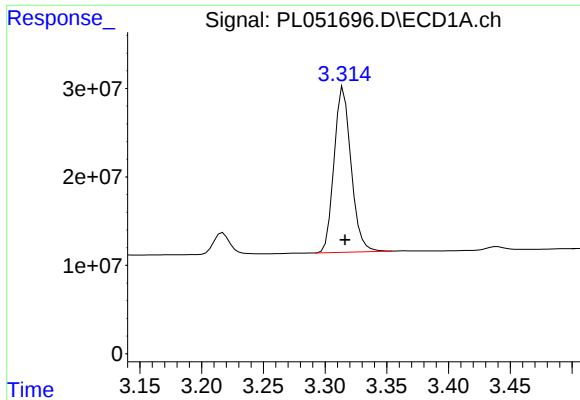
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082119\  
Data File : PL051696.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2019 17:52  
Operator : SG\AJ  
Sample : PB122442BSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 22 03:51:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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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

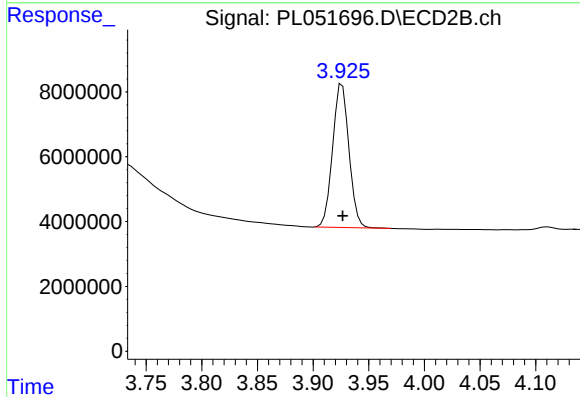




#1 Tetrachloro-m-xylene

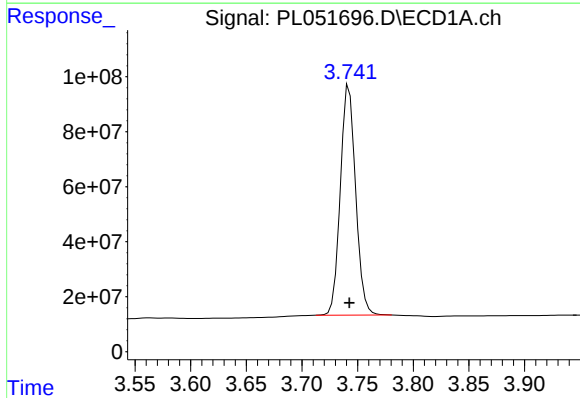
R.T.: 3.315 min  
Delta R.T.: 0.000 min  
Response: 178862491  
Conc: 20.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



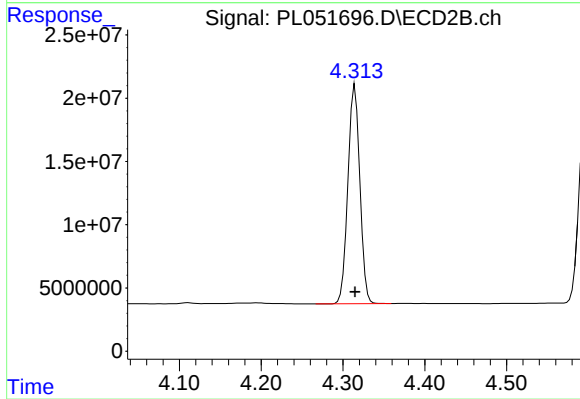
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 45322920  
Conc: 20.74 ng/ml



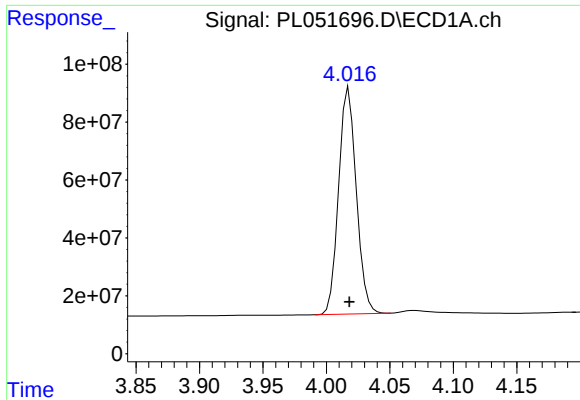
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: 0.000 min  
Response: 800265968  
Conc: 55.23 ng/ml



#2 alpha-BHC

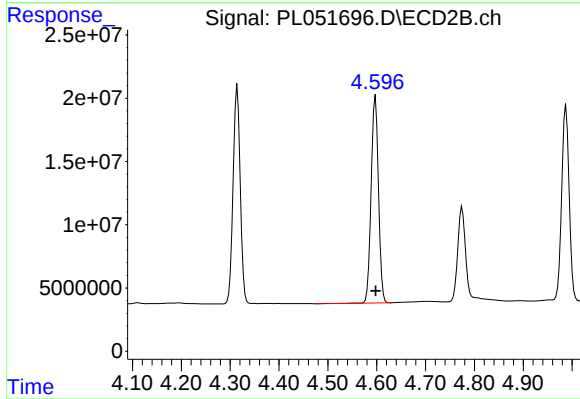
R.T.: 4.315 min  
Delta R.T.: 0.000 min  
Response: 174239068  
Conc: 54.07 ng/ml



#3 gamma-BHC (Lindane)

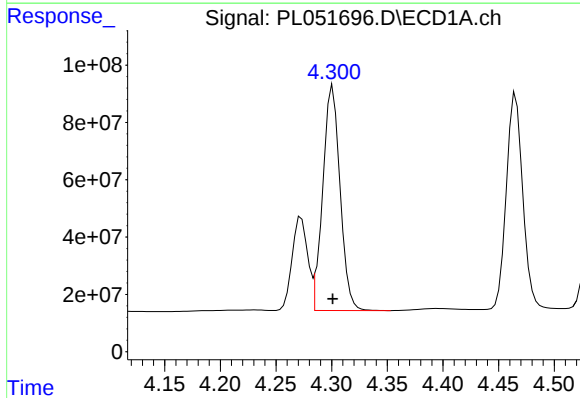
R.T.: 4.018 min  
Delta R.T.: 0.000 min  
Response: 760589653  
Conc: 57.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



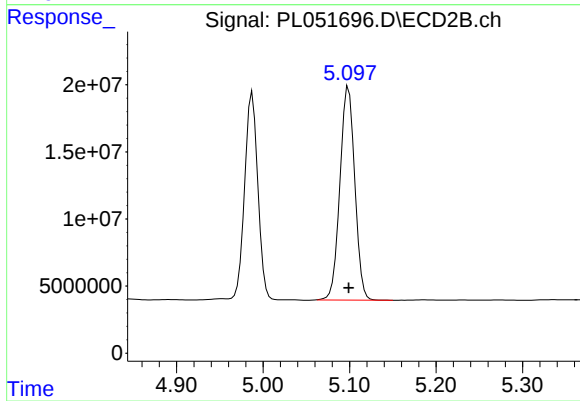
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 170108371  
Conc: 54.03 ng/ml



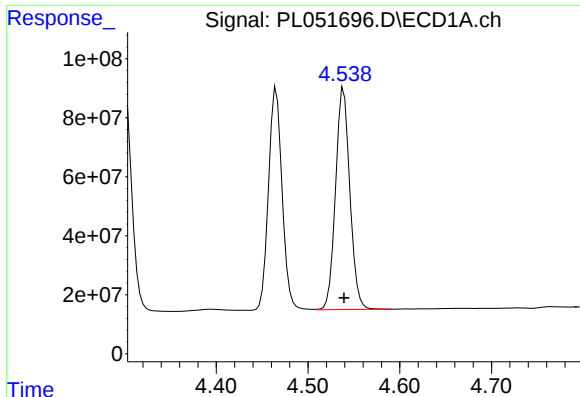
#4 Heptachlor

R.T.: 4.301 min  
Delta R.T.: 0.000 min  
Response: 845972403  
Conc: 55.88 ng/ml



#4 Heptachlor

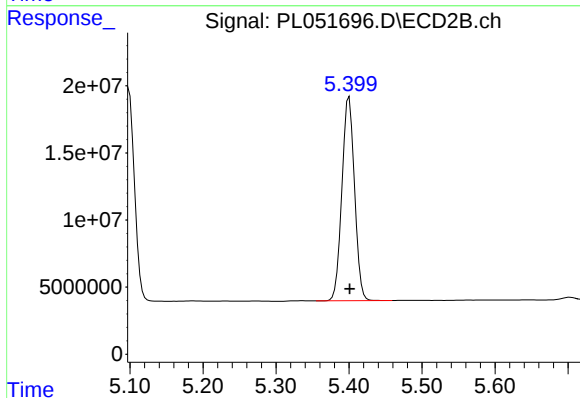
R.T.: 5.099 min  
Delta R.T.: 0.000 min  
Response: 188659442  
Conc: 53.80 ng/ml



#5 Aldrin

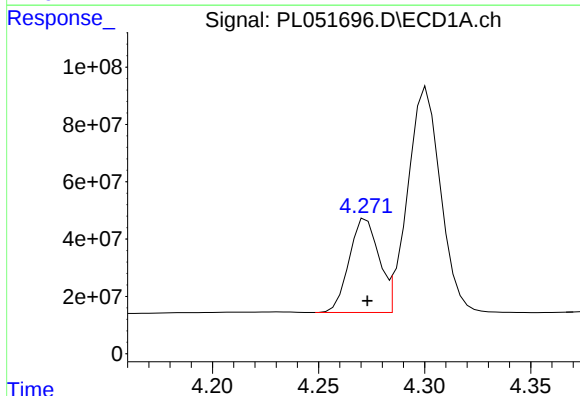
R.T.: 4.539 min  
Delta R.T.: 0.000 min  
Response: 816149305  
Conc: 56.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



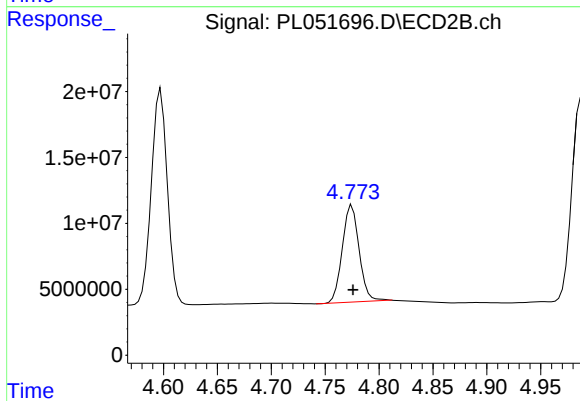
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: 0.000 min  
Response: 181810373  
Conc: 55.45 ng/ml



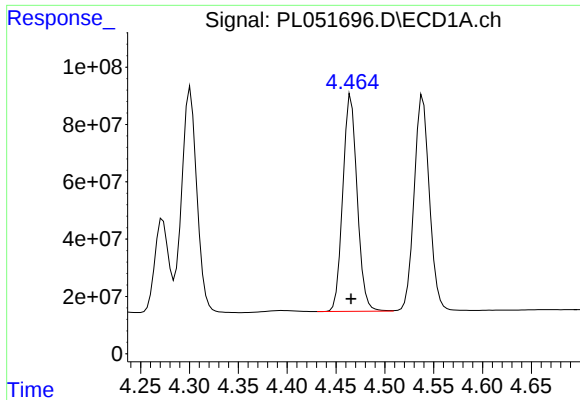
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: 0.000 min  
Response: 318601747  
Conc: 55.80 ng/ml



#6 beta-BHC

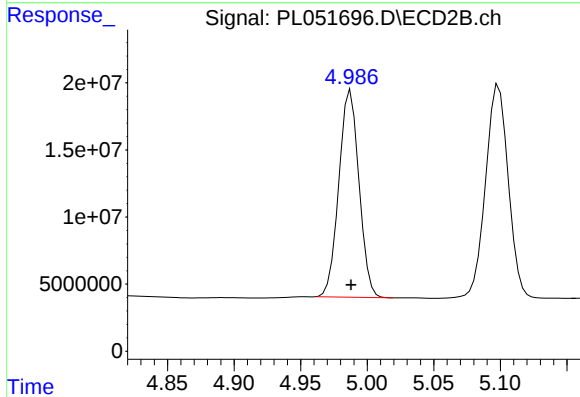
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 79974374  
Conc: 54.87 ng/ml



#7 delta-BHC

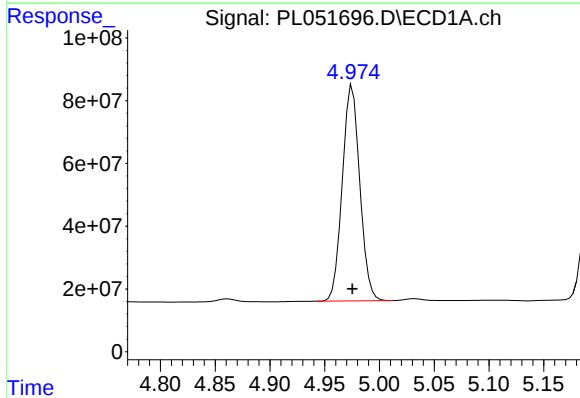
R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 773280271  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



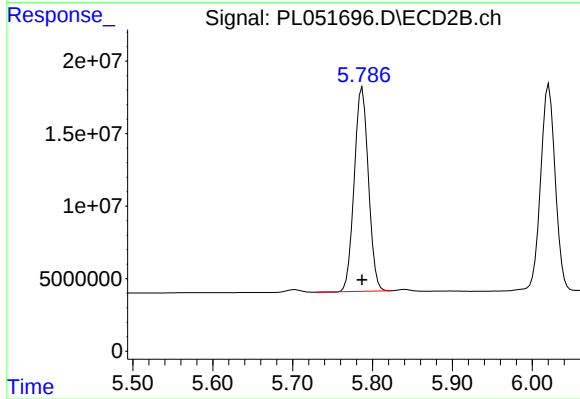
#7 delta-BHC

R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 162349215  
Conc: 51.87 ng/ml



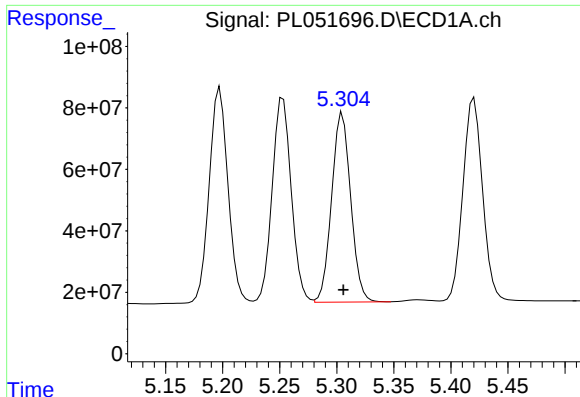
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 764200930  
Conc: 54.64 ng/ml



#8 Heptachlor epoxide

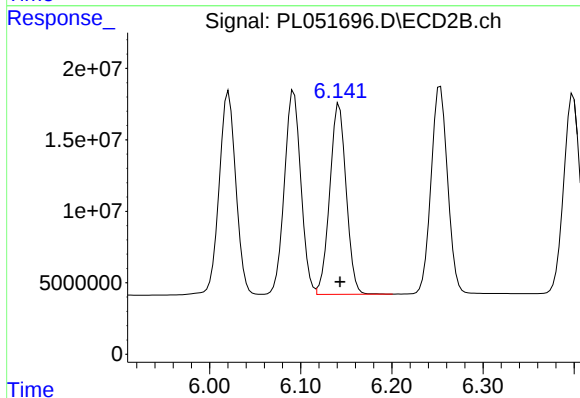
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 173486299  
Conc: 51.41 ng/ml



#9 Endosulfan I

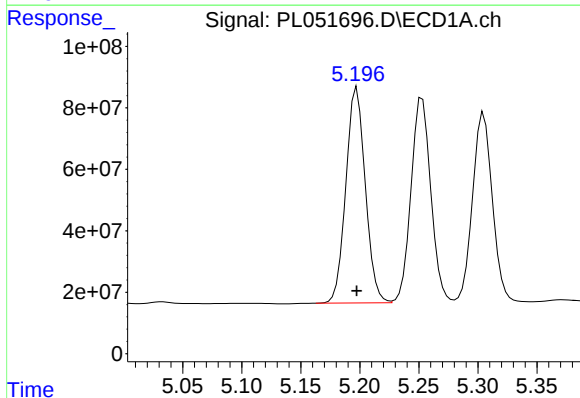
R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 717723514  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



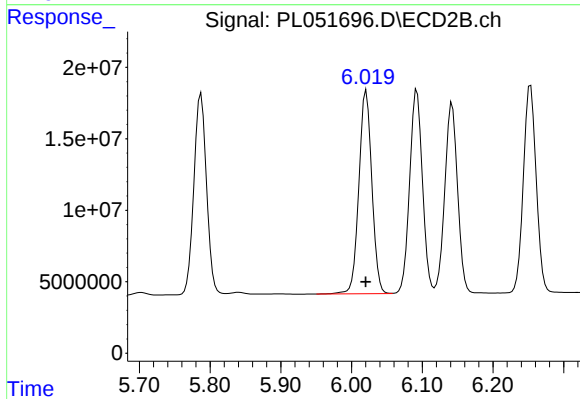
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 167047353  
Conc: 51.67 ng/ml



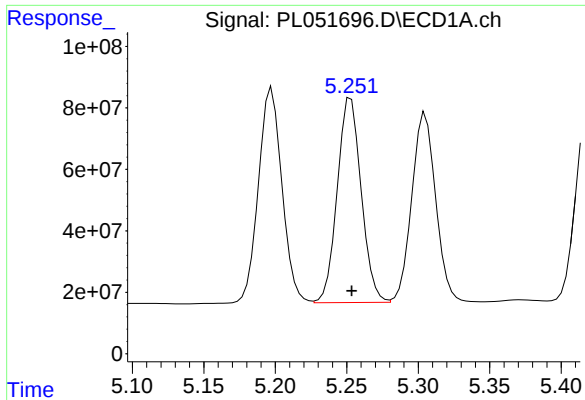
#10 gamma-Chlordane

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 802158678  
Conc: 53.72 ng/ml



#10 gamma-Chlordane

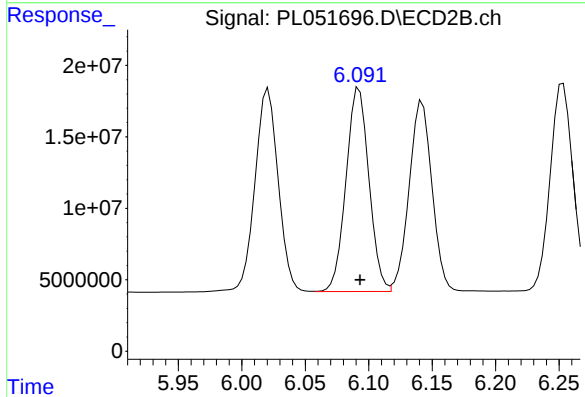
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 181152036  
Conc: 49.62 ng/ml



#11 alpha-Chlordane

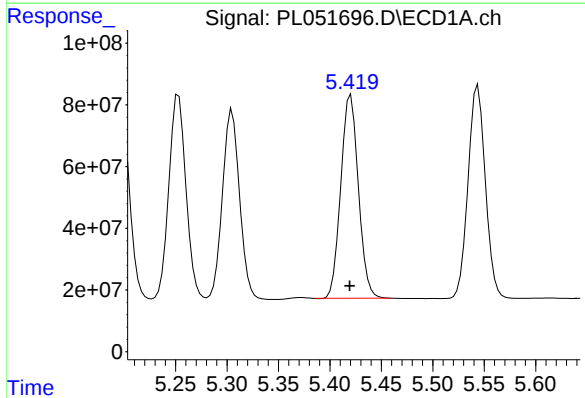
R.T.: 5.253 min  
Delta R.T.: 0.000 min  
Response: 777054762  
Conc: 53.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



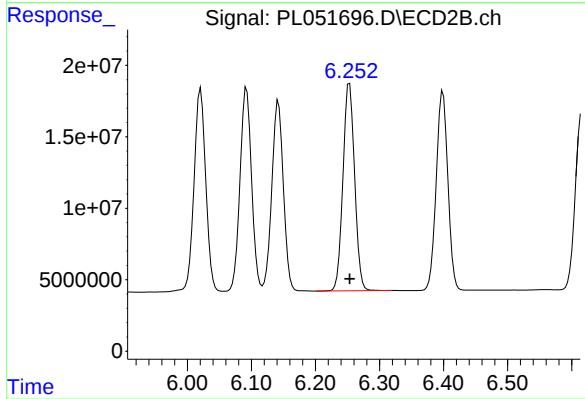
#11 alpha-Chlordane

R.T.: 6.093 min  
Delta R.T.: 0.000 min  
Response: 179099322  
Conc: 51.90 ng/ml



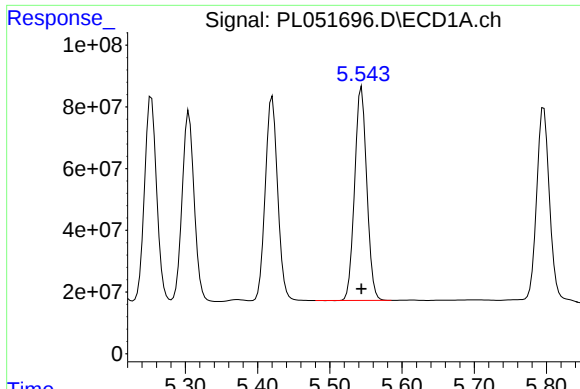
#12 4,4'-DDE

R.T.: 5.420 min  
Delta R.T.: 0.001 min  
Response: 784497515  
Conc: 57.32 ng/ml



#12 4,4'-DDE

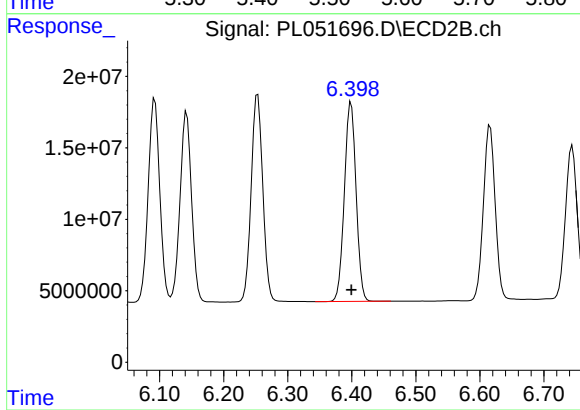
R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 183082888  
Conc: 52.01 ng/ml



#13 Dieldrin

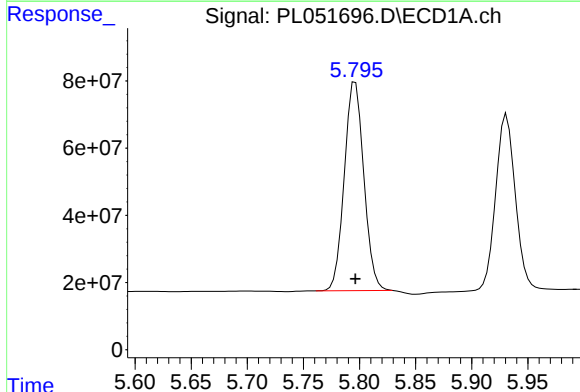
R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 807365541  
Conc: 53.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



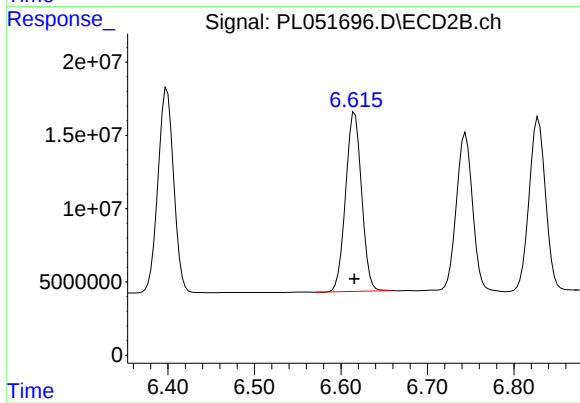
#13 Dieldrin

R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 176555809  
Conc: 51.56 ng/ml



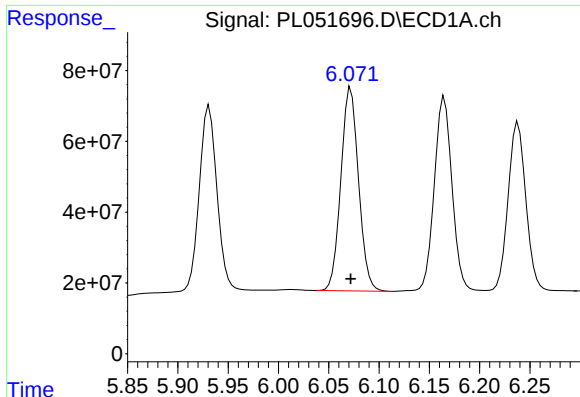
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 752103518  
Conc: 51.56 ng/ml



#14 Endrin

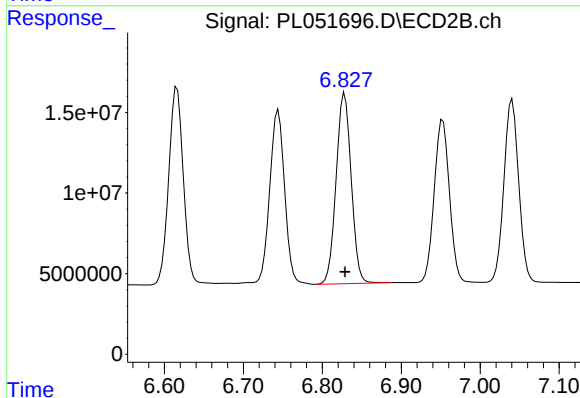
R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 156007614  
Conc: 51.58 ng/ml



#15 Endosulfan II

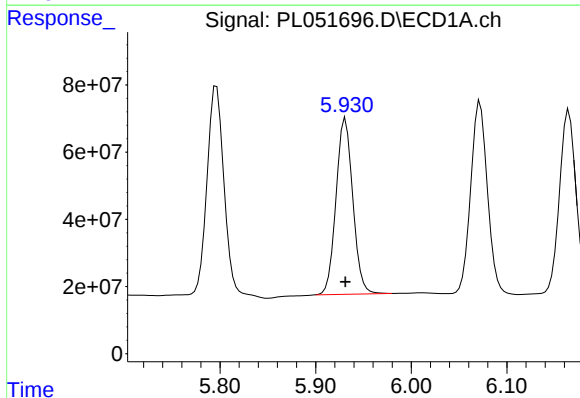
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 701092578  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



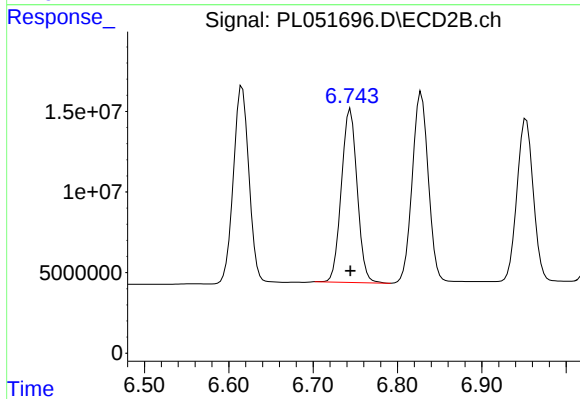
#15 Endosulfan II

R.T.: 6.828 min  
Delta R.T.: 0.000 min  
Response: 156716432  
Conc: 47.55 ng/ml



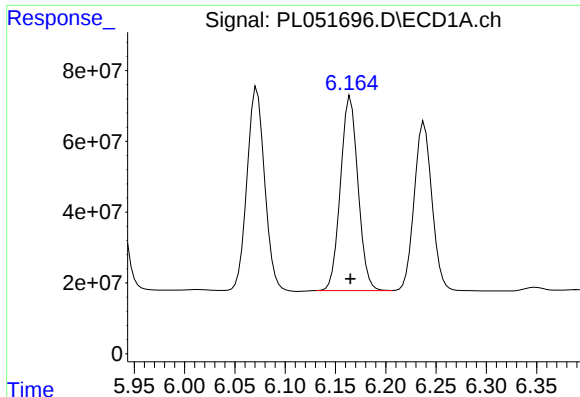
#16 4,4'-DDD

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 639610403  
Conc: 52.23 ng/ml



#16 4,4'-DDD

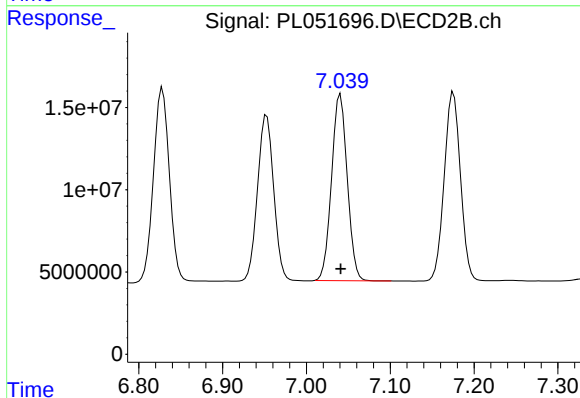
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 140279510  
Conc: 51.81 ng/ml



#17 4,4'-DDT

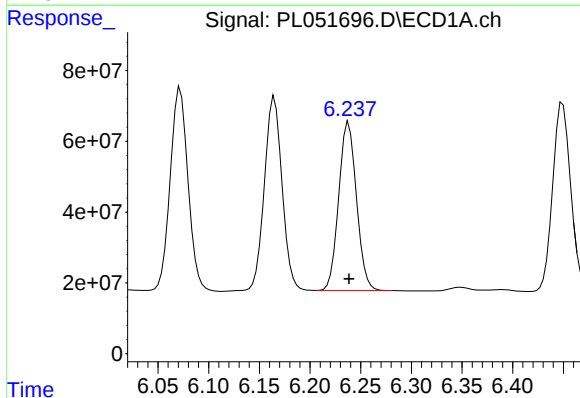
R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 665309743  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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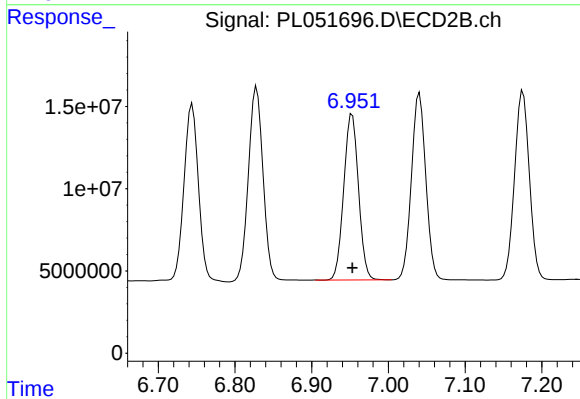
#17 4,4'-DDT

R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 147176546  
Conc: 50.27 ng/ml



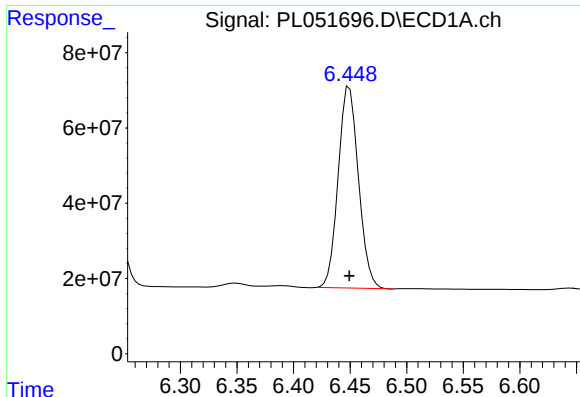
#18 Endrin aldehyde

R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 581204826  
Conc: 49.96 ng/ml



#18 Endrin aldehyde

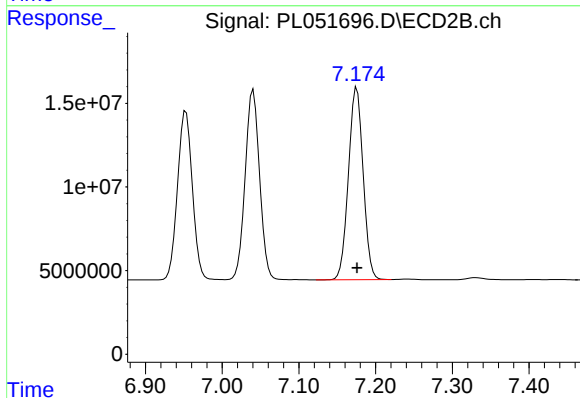
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 135454100  
Conc: 47.93 ng/ml



#19 Endosulfan Sulfate

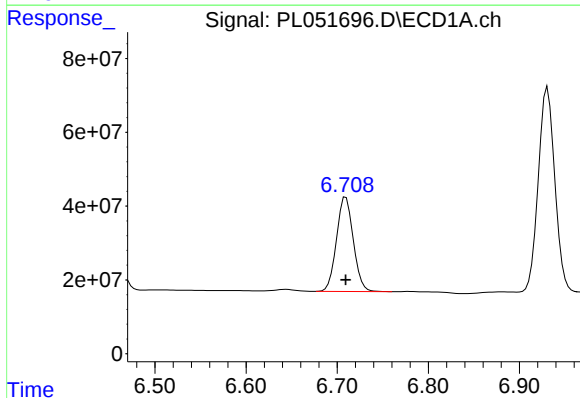
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 668431041  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



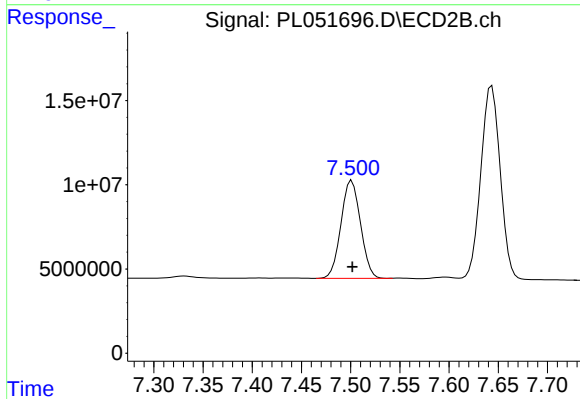
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 154156039  
Conc: 49.92 ng/ml



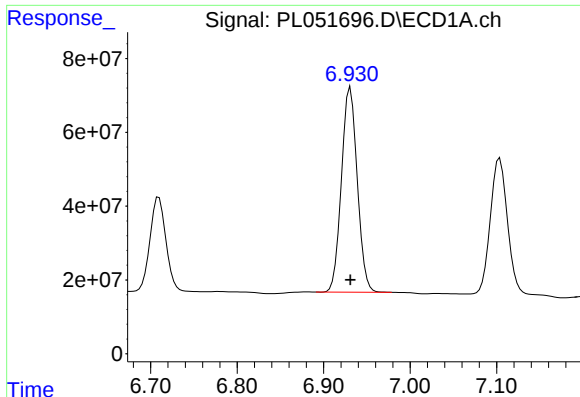
#20 Methoxychlor

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 327773003  
Conc: 48.35 ng/ml



#20 Methoxychlor

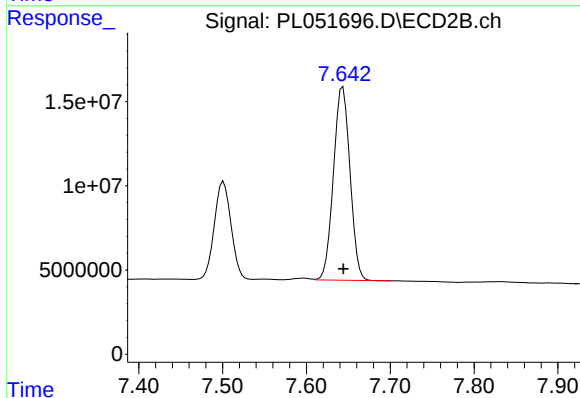
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 80509218  
Conc: 48.00 ng/ml



#21 Endrin ketone

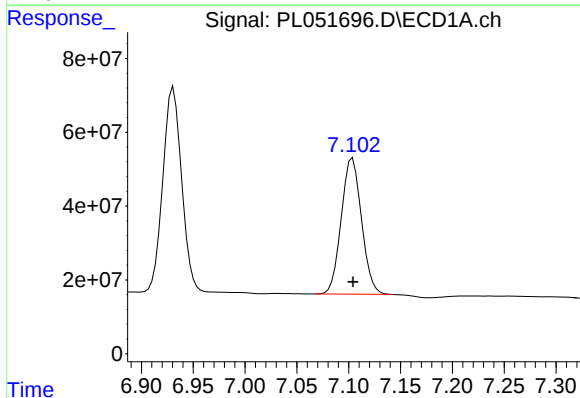
R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 700072189  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



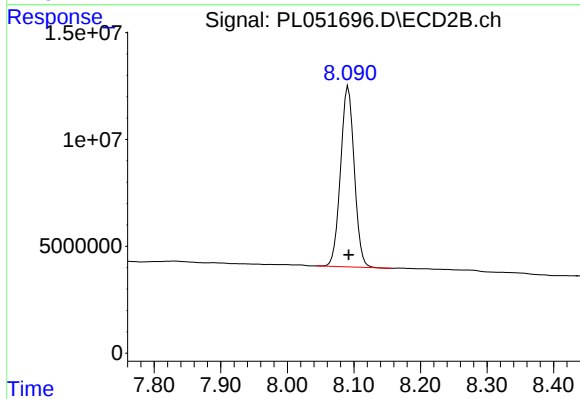
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 157426952  
Conc: 49.20 ng/ml



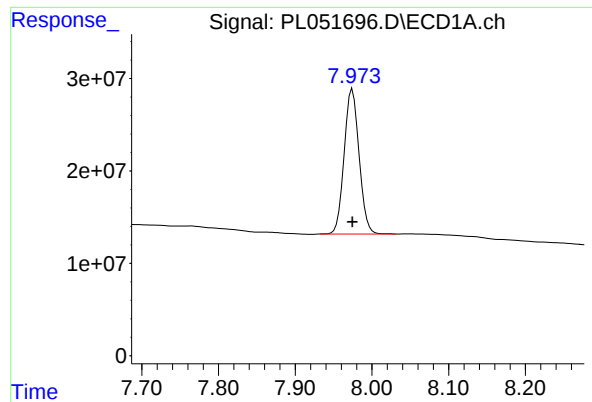
#22 Mirex

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 501815655  
Conc: 47.40 ng/ml



#22 Mirex

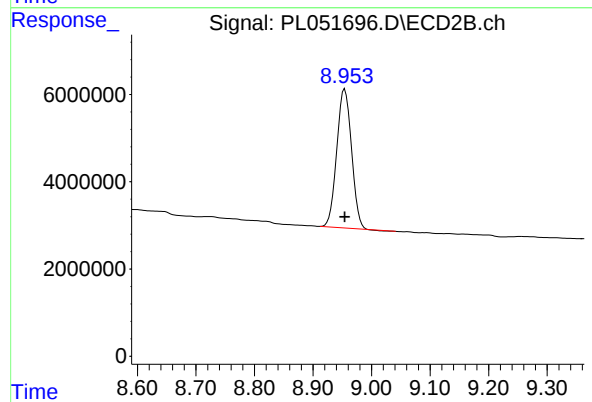
R.T.: 8.091 min  
Delta R.T.: 0.000 min  
Response: 120865602  
Conc: 49.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.974 min  
Delta R.T.: 0.000 min  
Response: 212435695  
Conc: 17.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122442BSD



#28 Decachlorobiphenyl

R.T.: 8.954 min  
Delta R.T.: 0.000 min  
Response: 55803198  
Conc: 18.33 ng/ml