

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022023\  
 Data File : PL081049.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Feb 2023 19:31  
 Operator : AR\AJ  
 Sample : PB150931BS (Sig #1); PB150931BL (Sig #2)  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB150931BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 01:08:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 20 18:06:39 2023  
 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... | 3.351 | 2.687 | 47811143 | 47604884 | 20.511 | 20.687 |
| 28)                         | SA Decachlor... | 8.789 | 7.832 | 45414609 | 53473214 | 23.229 | 22.826 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.800 | 3.188 | 177.4E6  | 169.2E6  | 50.341 | 50.527 |
| 3)                          | MA gamma-BHC... | 4.128 | 3.516 | 165.3E6  | 158.4E6  | 50.175 | 50.444 |
| 4)                          | MA Heptachlor   | 4.712 | 3.856 | 164.8E6  | 164.2E6  | 50.104 | 50.087 |
| 5)                          | MB Aldrin       | 5.051 | 4.136 | 156.1E6  | 159.5E6  | 51.875 | 51.889 |
| 6)                          | B beta-BHC      | 4.325 | 3.812 | 70864095 | 63051760 | 47.415 | 46.864 |
| 7)                          | B delta-BHC     | 4.567 | 4.042 | 163.9E6  | 153.8E6  | 51.047 | 50.903 |
| 8)                          | B Heptachlo...  | 5.475 | 4.638 | 142.8E6  | 145.4E6  | 51.276 | 50.826 |
| 9)                          | A Endosulfan I  | 5.857 | 5.007 | 130.7E6  | 133.5E6  | 50.360 | 50.085 |
| 10)                         | B gamma-Chl...  | 5.730 | 4.889 | 144.4E6  | 146.7E6  | 51.688 | 50.388 |
| 11)                         | B alpha-Chl...  | 5.809 | 4.952 | 142.1E6  | 146.5E6  | 51.205 | 50.168 |
| 12)                         | B 4,4'-DDE      | 5.987 | 5.145 | 128.1E6  | 120.3E6  | 51.758 | 50.385 |
| 13)                         | MA Dieldrin     | 6.131 | 5.272 | 140.9E6  | 144.4E6  | 53.188 | 52.424 |
| 14)                         | MA Endrin       | 6.358 | 5.547 | 125.7E6  | 131.7E6  | 53.081 | 53.246 |
| 15)                         | B Endosulfa...  | 6.577 | 5.841 | 120.3E6  | 123.6E6  | 54.210 | 54.651 |
| 16)                         | A 4,4'-DDD      | 6.501 | 5.699 | 105.0E6  | 95704362 | 51.920 | 50.278 |
| 17)                         | MA 4,4'-DDT     | 6.814 | 5.950 | 114.6E6  | 109.0E6  | 50.706 | 50.293 |
| 18)                         | B Endrin al...  | 6.707 | 6.021 | 100.7E6  | 101.8E6  | 55.366 | 55.156 |
| 19)                         | B Endosulfa...  | 6.941 | 6.244 | 120.5E6  | 122.1E6  | 52.330 | 51.523 |
| 20)                         | A Methoxychlor  | 7.292 | 6.528 | 63633958 | 60523048 | 51.857 | 50.425 |
| 21)                         | B Endrin ke...  | 7.421 | 6.749 | 124.0E6  | 135.8E6  | 52.087 | 51.850 |
| 22)                         | Mirex           | 7.893 | 6.932 | 99031237 | 120.1E6  | 52.932 | 51.616 |
| -----                       |                 |       |       |          |          |        |        |

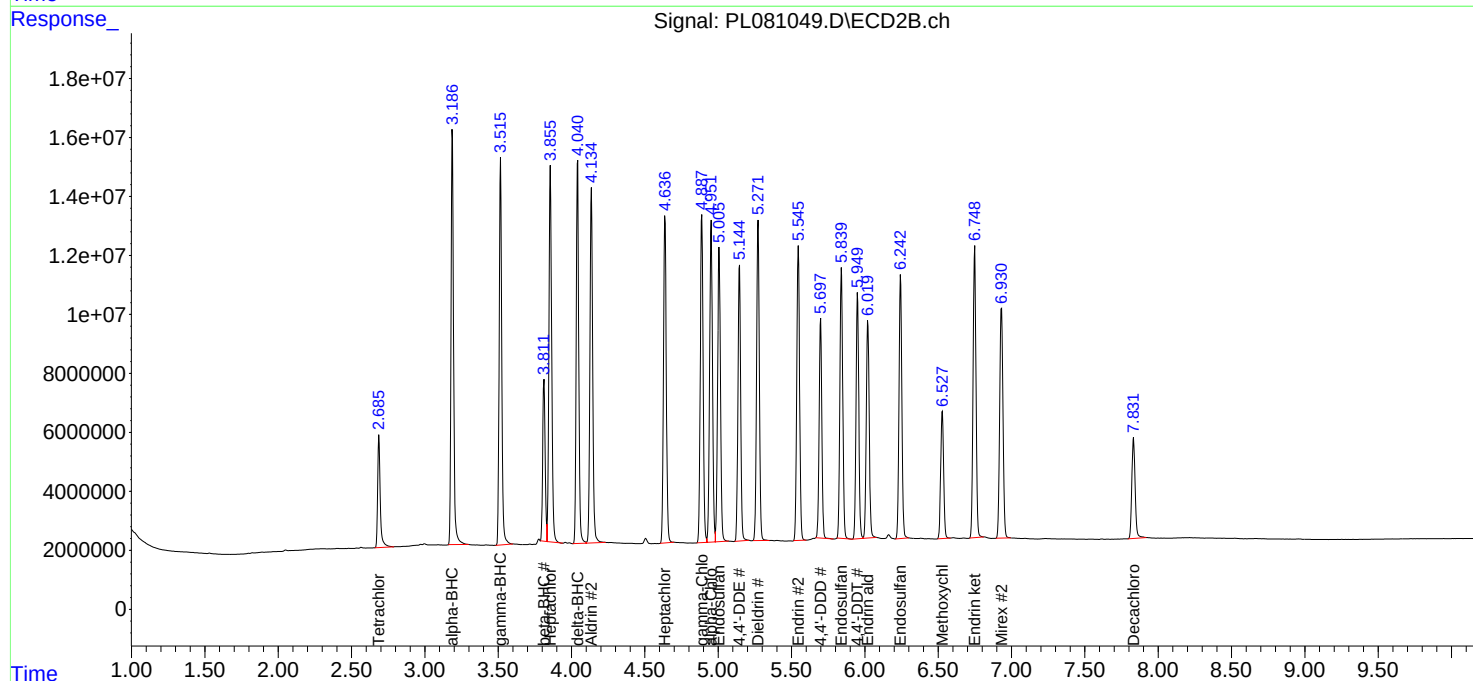
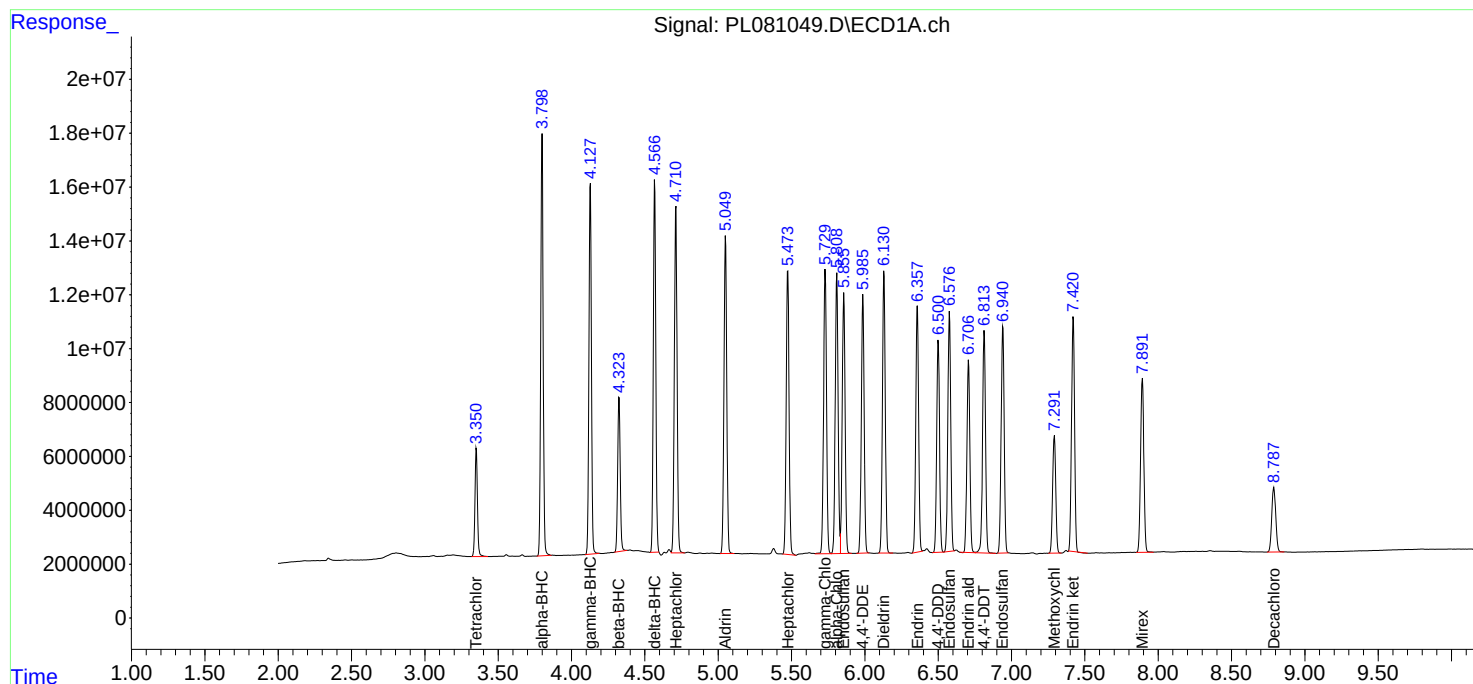
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

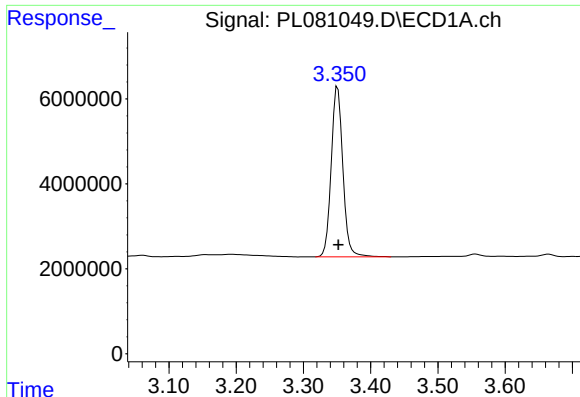
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022023\  
Data File : PL081049.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Feb 2023 19:31  
Operator : AR\AJ  
Sample : PB150931BS (Sig #1); PB150931BL (Sig #2)  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 01:08:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 20 18:06:39 2023  
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

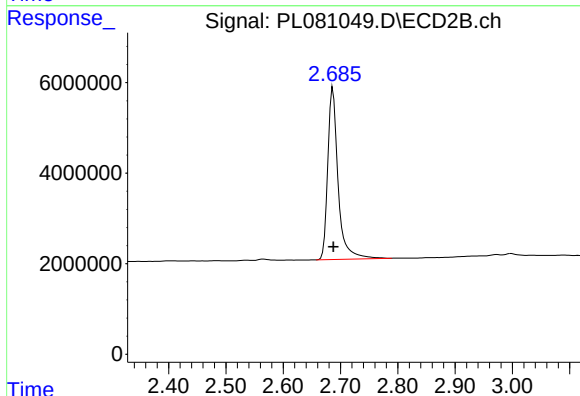




#1 Tetrachloro-m-xylene

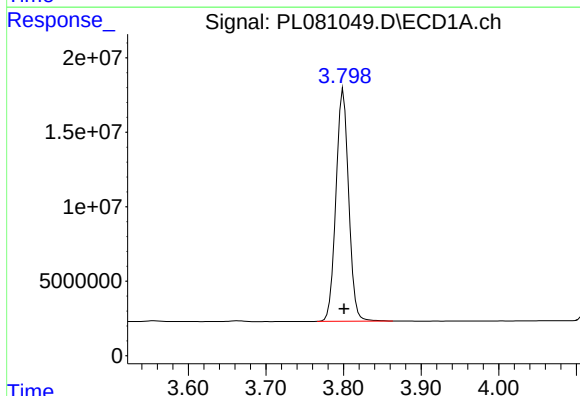
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 47811143  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



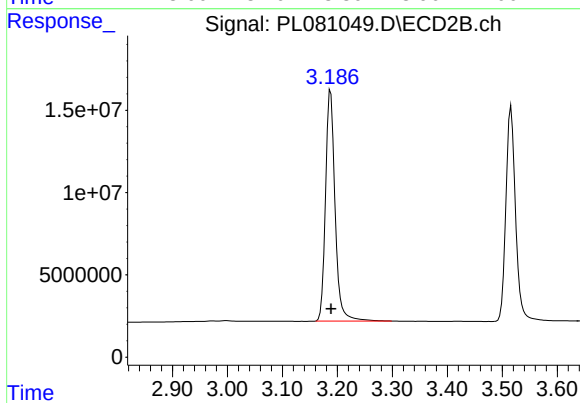
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 47604884  
Conc: 20.69 ng/ml



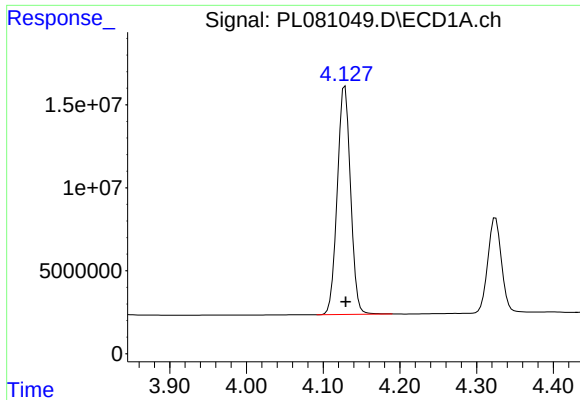
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: -0.001 min  
Response: 177418325  
Conc: 50.34 ng/ml



#2 alpha-BHC

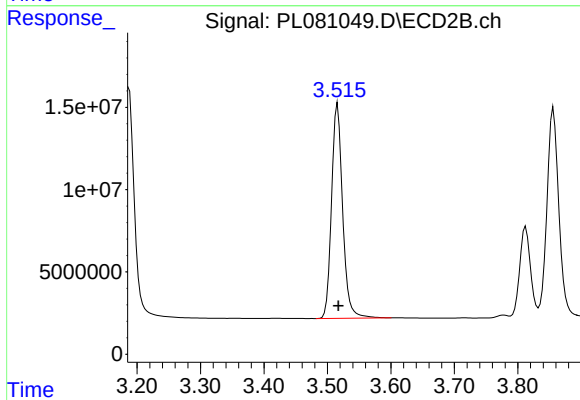
R.T.: 3.188 min  
Delta R.T.: -0.001 min  
Response: 169215307  
Conc: 50.53 ng/ml



#3 gamma-BHC (Lindane)

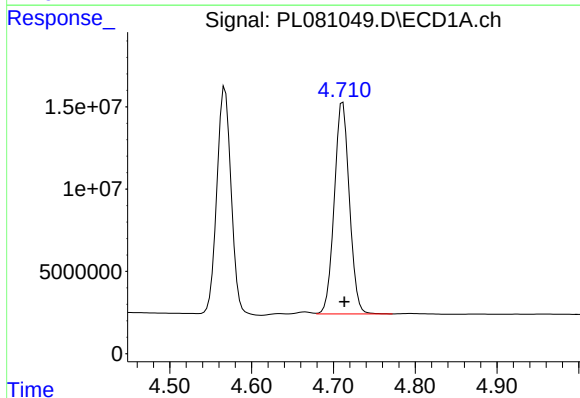
R.T.: 4.128 min  
Delta R.T.: -0.001 min  
Response: 165254429  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



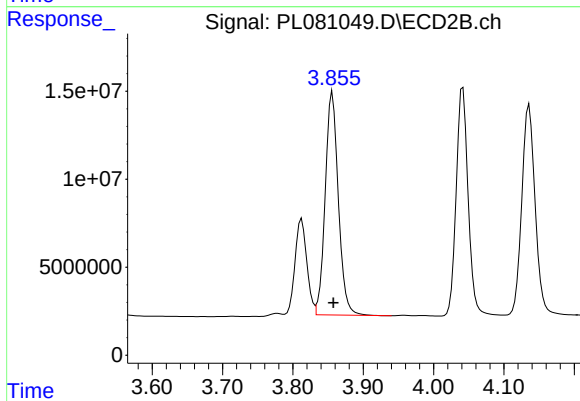
#3 gamma-BHC (Lindane)

R.T.: 3.516 min  
Delta R.T.: -0.001 min  
Response: 158449957  
Conc: 50.44 ng/ml



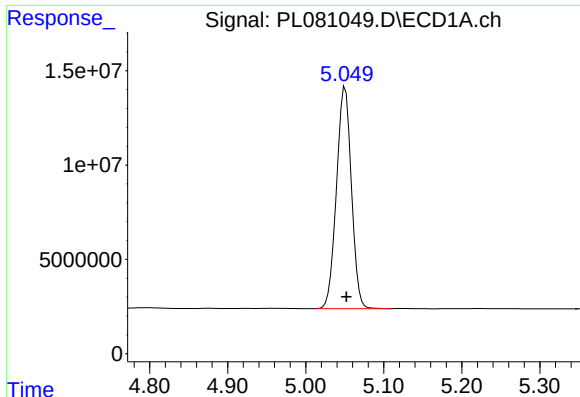
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.002 min  
Response: 164767697  
Conc: 50.10 ng/ml



#4 Heptachlor

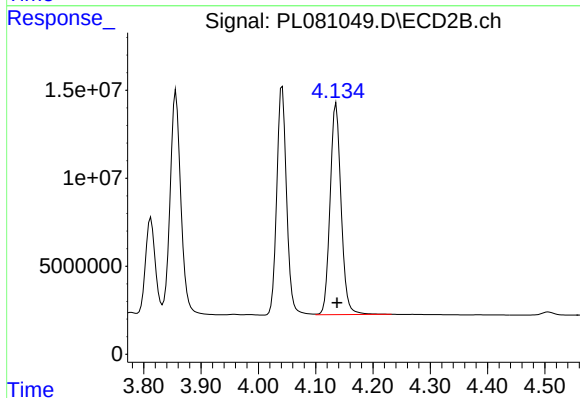
R.T.: 3.856 min  
Delta R.T.: -0.002 min  
Response: 164209779  
Conc: 50.09 ng/ml



#5 Aldrin

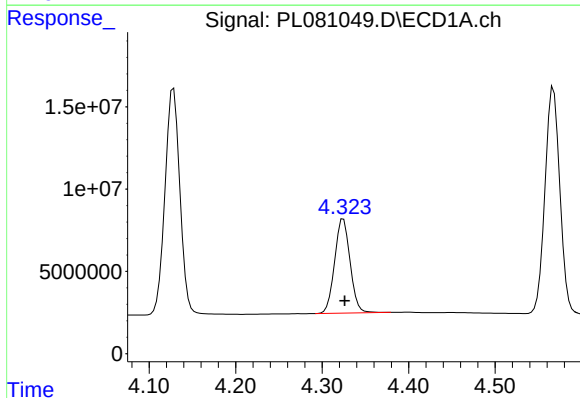
R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 156051022  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



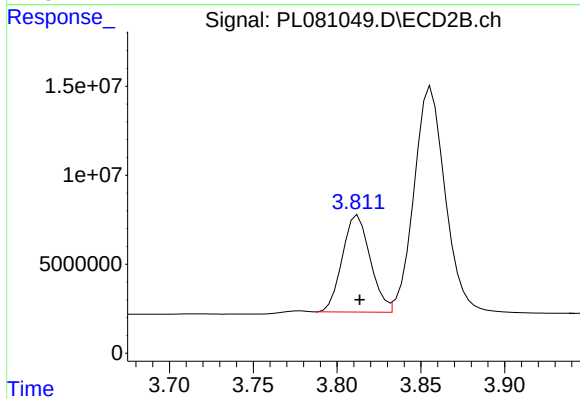
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.002 min  
Response: 159484372  
Conc: 51.89 ng/ml



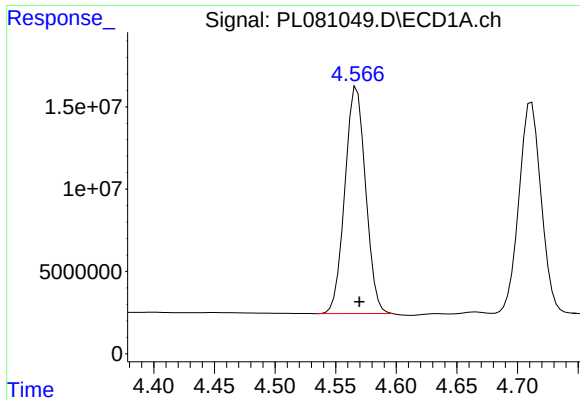
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: -0.001 min  
Response: 70864095  
Conc: 47.42 ng/ml



#6 beta-BHC

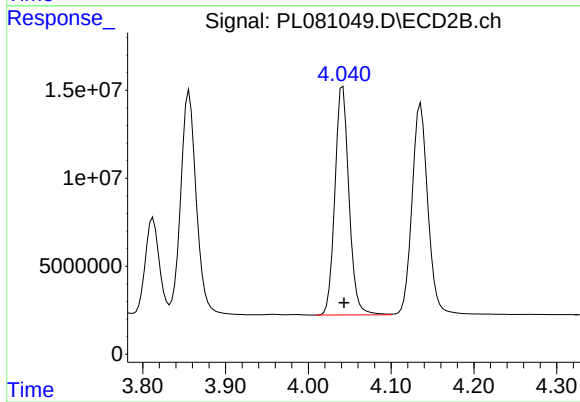
R.T.: 3.812 min  
Delta R.T.: -0.001 min  
Response: 63051760  
Conc: 46.86 ng/ml



#7 delta-BHC

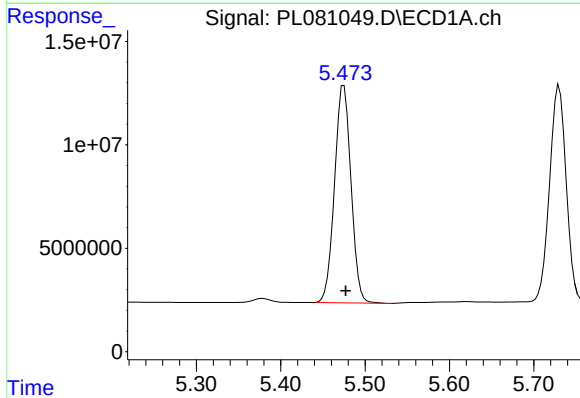
R.T.: 4.567 min  
Delta R.T.: -0.002 min  
Response: 163907254  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



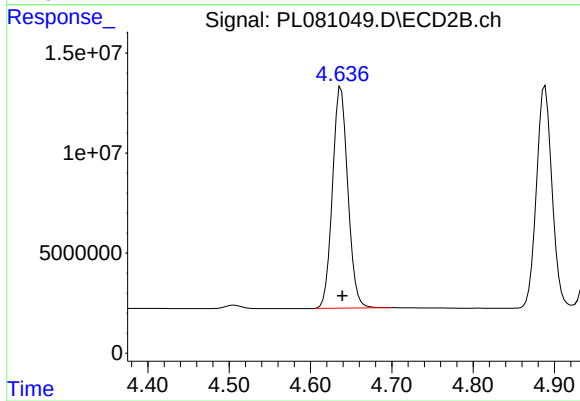
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.002 min  
Response: 153793364  
Conc: 50.90 ng/ml



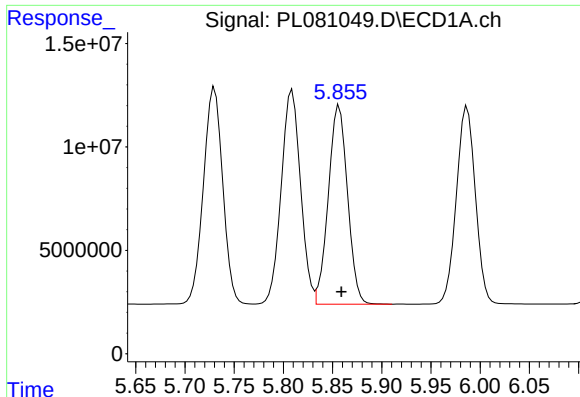
#8 Heptachlor epoxide

R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 142783490  
Conc: 51.28 ng/ml



#8 Heptachlor epoxide

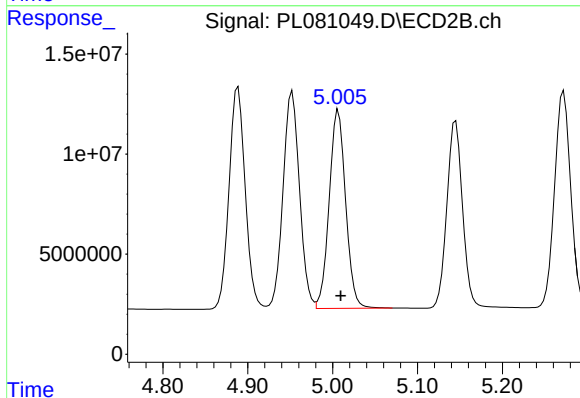
R.T.: 4.638 min  
Delta R.T.: -0.002 min  
Response: 145429044  
Conc: 50.83 ng/ml



#9 Endosulfan I

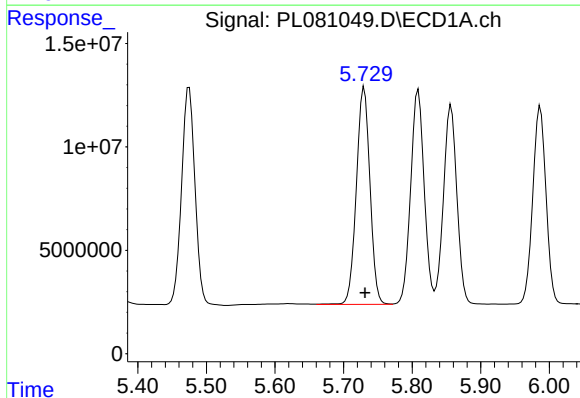
R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 130668377  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



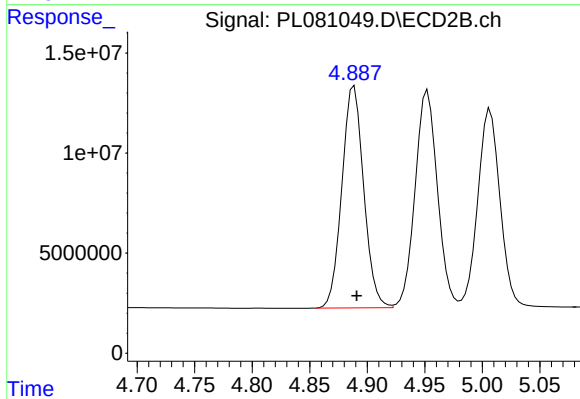
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: -0.003 min  
Response: 133491484  
Conc: 50.08 ng/ml



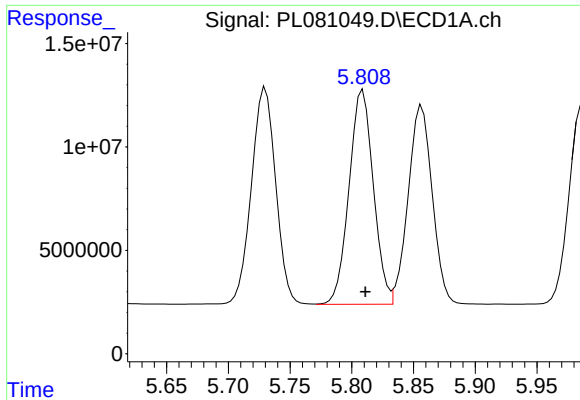
#10 gamma-Chlordane

R.T.: 5.730 min  
Delta R.T.: -0.002 min  
Response: 144384334  
Conc: 51.69 ng/ml



#10 gamma-Chlordane

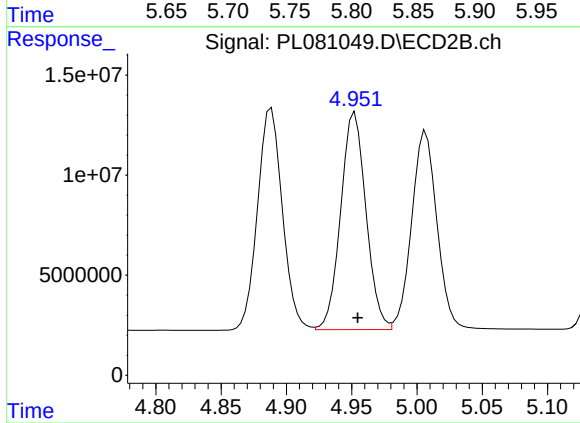
R.T.: 4.889 min  
Delta R.T.: -0.002 min  
Response: 146741404  
Conc: 50.39 ng/ml



#11 alpha-Chlordane

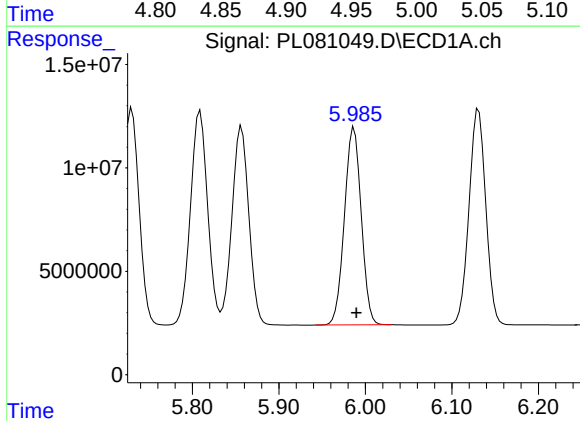
R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 142076114  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



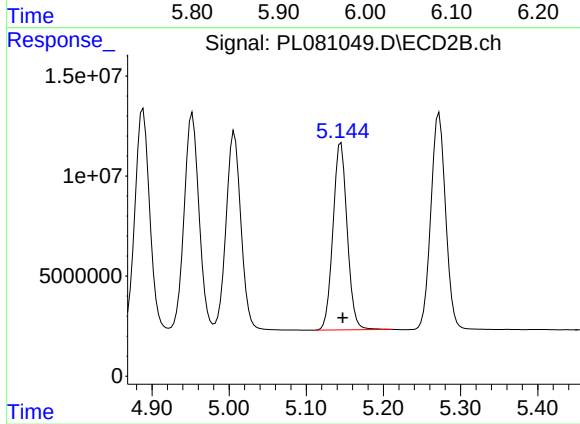
#11 alpha-Chlordane

R.T.: 4.952 min  
Delta R.T.: -0.002 min  
Response: 146468684  
Conc: 50.17 ng/ml



#12 4,4'-DDE

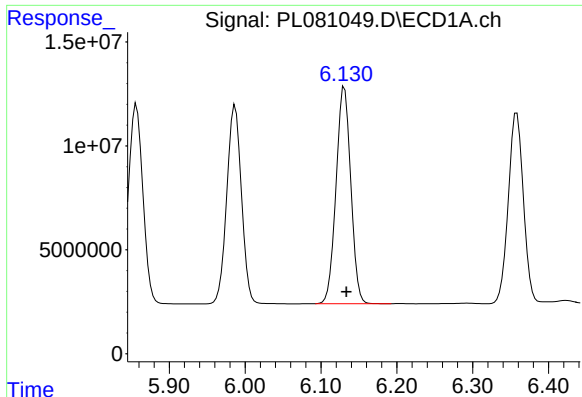
R.T.: 5.987 min  
Delta R.T.: -0.003 min  
Response: 128114277  
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 120269529  
Conc: 50.39 ng/ml

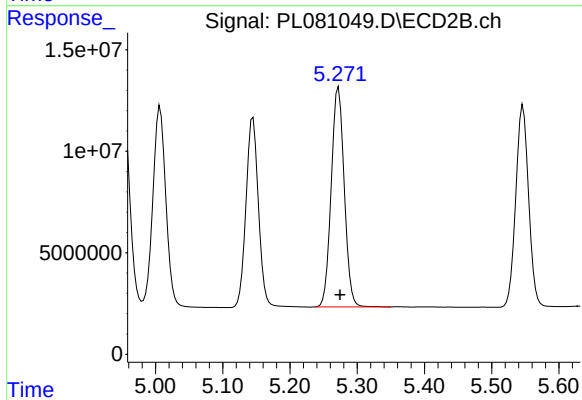




#13 Dieldrin

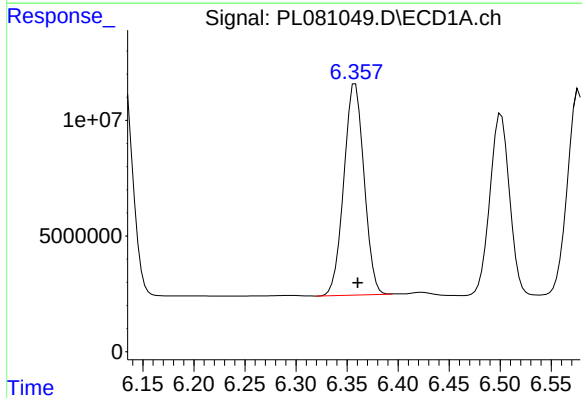
R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 140852351  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



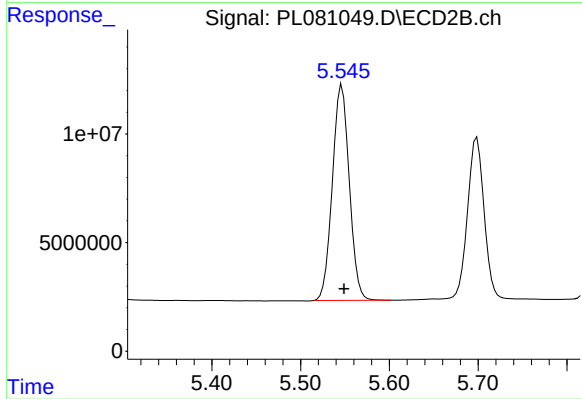
#13 Dieldrin

R.T.: 5.272 min  
Delta R.T.: -0.002 min  
Response: 144397230  
Conc: 52.42 ng/ml



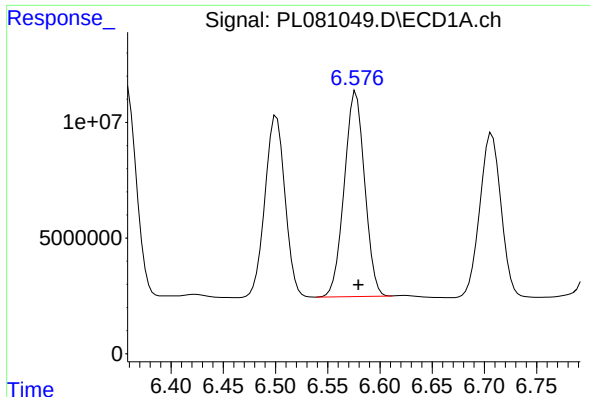
#14 Endrin

R.T.: 6.358 min  
Delta R.T.: -0.003 min  
Response: 125667868  
Conc: 53.08 ng/ml



#14 Endrin

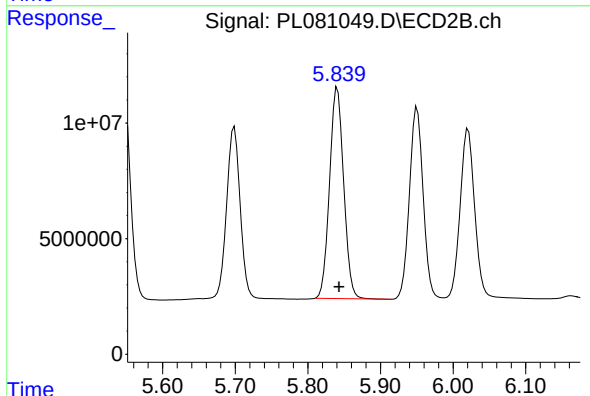
R.T.: 5.547 min  
Delta R.T.: -0.002 min  
Response: 131653805  
Conc: 53.25 ng/ml



#15 Endosulfan II

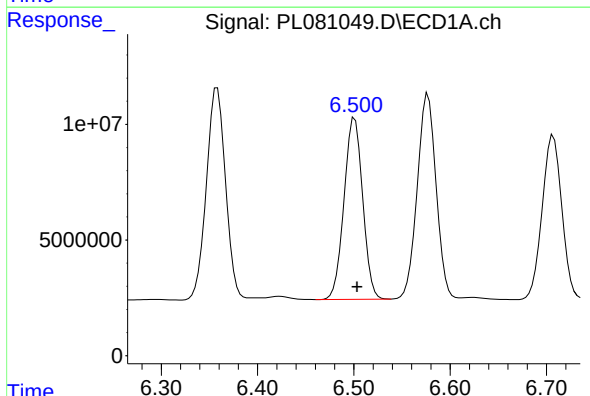
R.T.: 6.577 min  
Delta R.T.: -0.002 min  
Response: 120342476  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



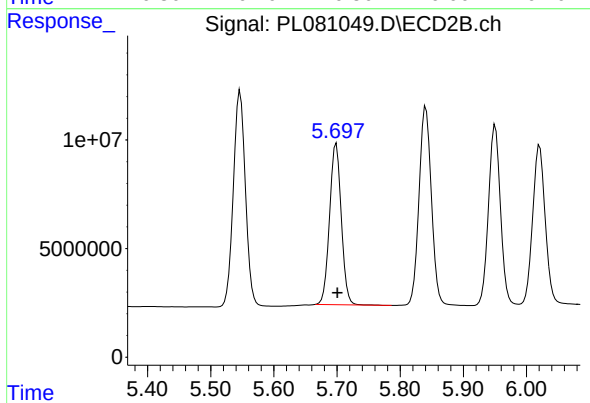
#15 Endosulfan II

R.T.: 5.841 min  
Delta R.T.: -0.002 min  
Response: 123574057  
Conc: 54.65 ng/ml



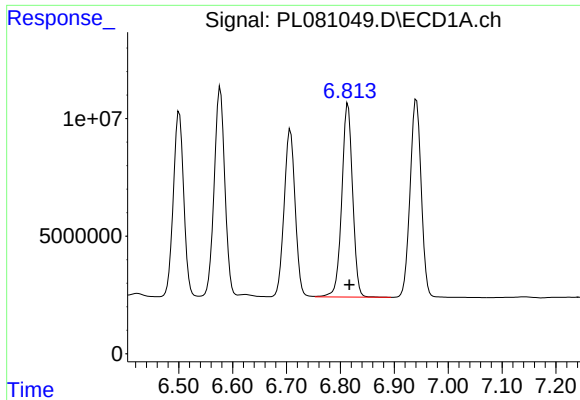
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: -0.002 min  
Response: 105017637  
Conc: 51.92 ng/ml



#16 4,4'-DDD

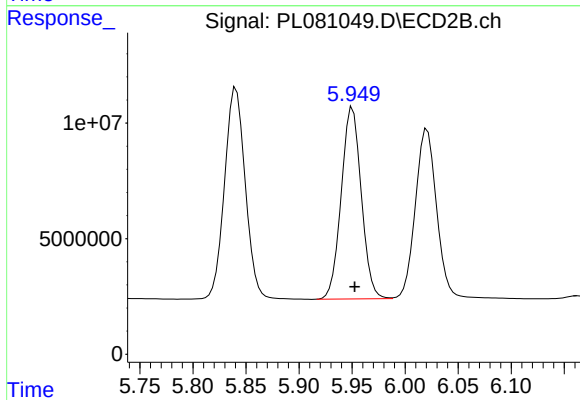
R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 95704362  
Conc: 50.28 ng/ml



#17 4,4'-DDT

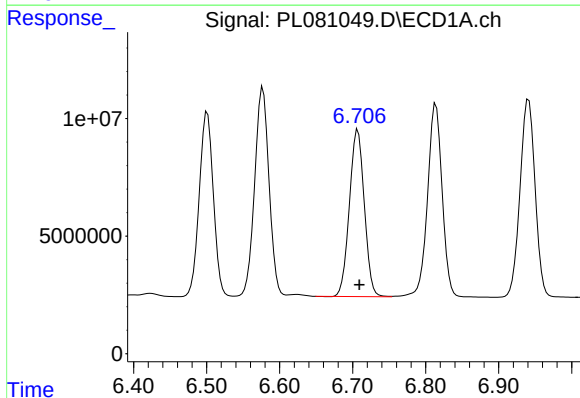
R.T.: 6.814 min  
Delta R.T.: -0.003 min  
Response: 114563274  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



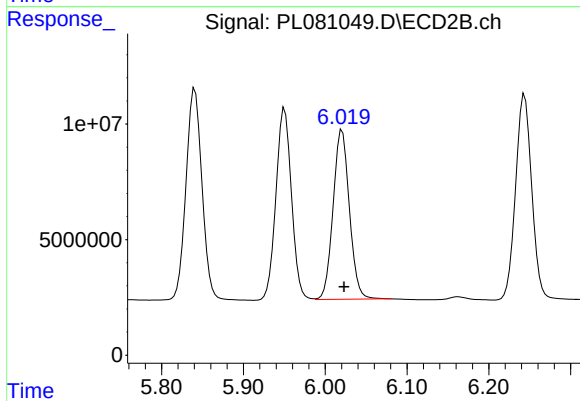
#17 4,4'-DDT

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 109039828  
Conc: 50.29 ng/ml



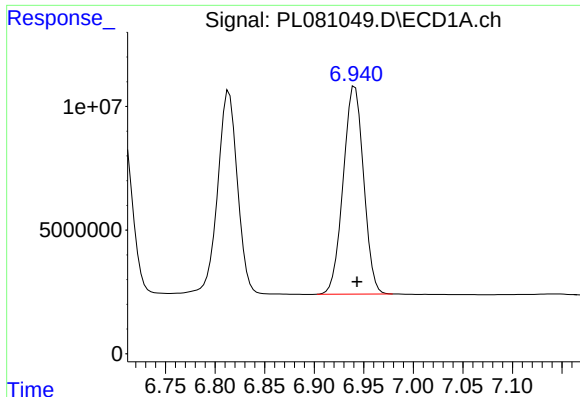
#18 Endrin aldehyde

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 100673837  
Conc: 55.37 ng/ml



#18 Endrin aldehyde

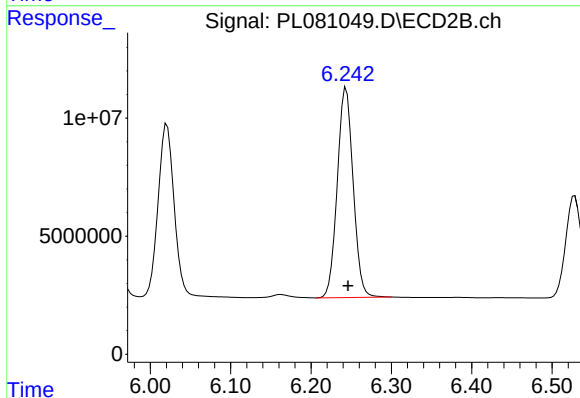
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 101771965  
Conc: 55.16 ng/ml



#19 Endosulfan Sulfate

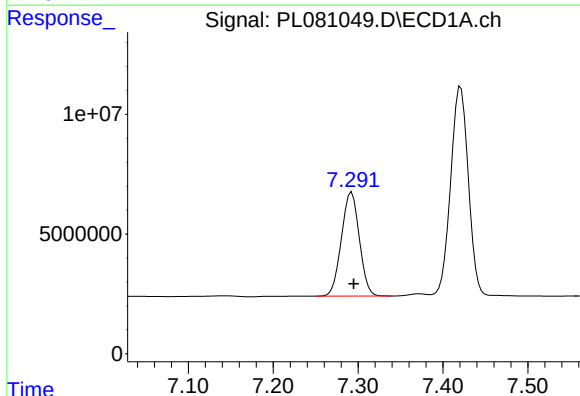
R.T.: 6.941 min  
Delta R.T.: -0.002 min  
Response: 120519064  
Conc: 52.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



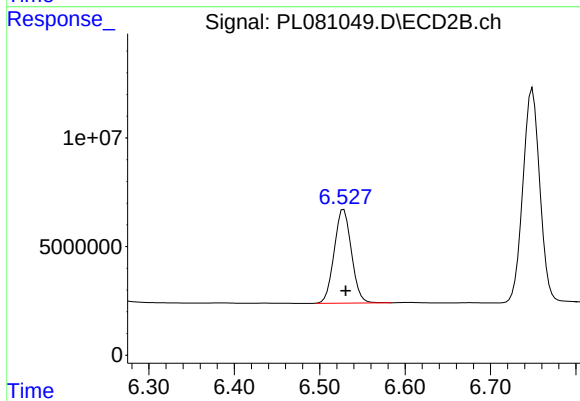
#19 Endosulfan Sulfate

R.T.: 6.244 min  
Delta R.T.: -0.002 min  
Response: 122120905  
Conc: 51.52 ng/ml



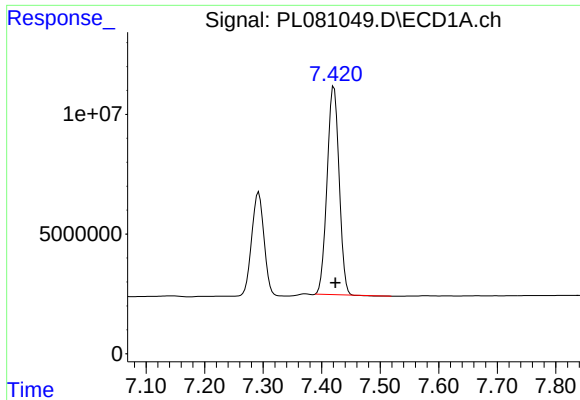
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.002 min  
Response: 63633958  
Conc: 51.86 ng/ml



#20 Methoxychlor

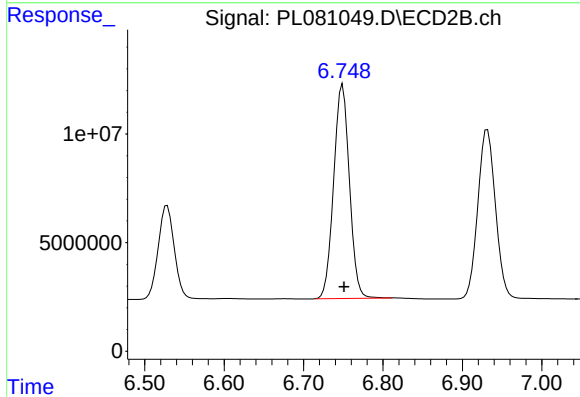
R.T.: 6.528 min  
Delta R.T.: -0.003 min  
Response: 60523048  
Conc: 50.42 ng/ml



#21 Endrin ketone

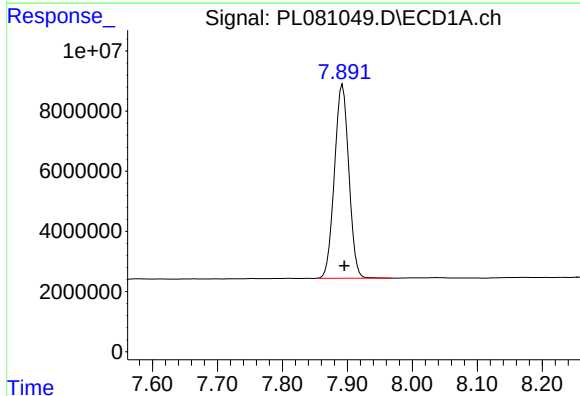
R.T.: 7.421 min  
Delta R.T.: -0.002 min  
Response: 124042901  
Conc: 52.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



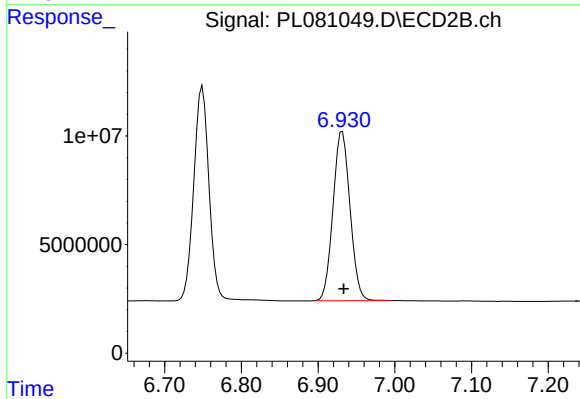
#21 Endrin ketone

R.T.: 6.749 min  
Delta R.T.: -0.002 min  
Response: 135759797  
Conc: 51.85 ng/ml



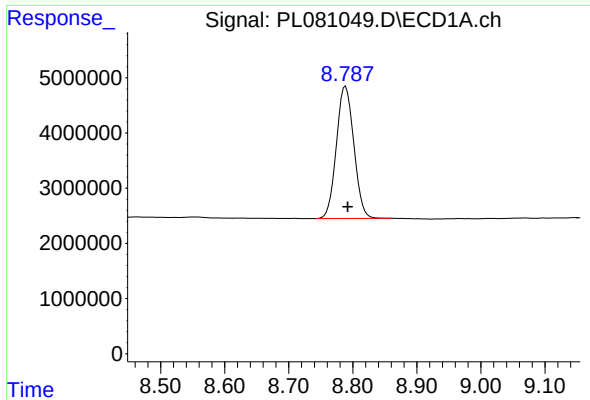
#22 Mirex

R.T.: 7.893 min  
Delta R.T.: -0.003 min  
Response: 99031237  
Conc: 52.93 ng/ml



#22 Mirex

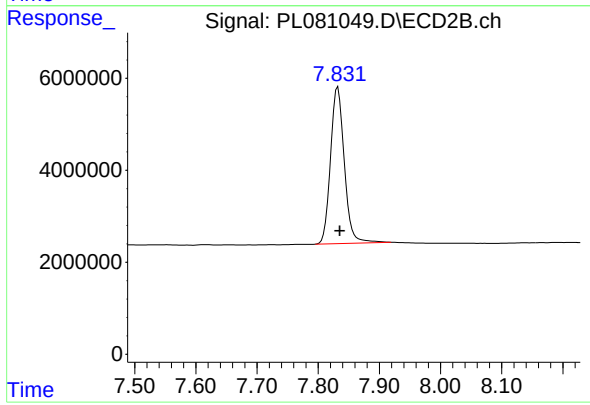
R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 120059715  
Conc: 51.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: -0.003 min  
Response: 45414609  
Conc: 23.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150931BS



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.003 min  
Response: 53473214  
Conc: 22.83 ng/ml