

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011119\  
 Data File : PL043804.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jan 2019 16:16  
 Operator : AJ\SJ  
 Sample : PB116285BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB116285BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 12 02:47:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.523 | 4.007 | 85155773 | 36833973 | 17.347   | 18.900     |
| 28)                         | SA Decachlor... | 8.247 | 9.077 | 107.7E6  | 30687760 | 19.051   | 19.318     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.962 | 4.398 | 382.6E6  | 130.6E6  | 49.771   | 48.440     |
| 3)                          | MA gamma-BHC... | 4.245 | 4.684 | 353.0E6  | 123.4E6  | 50.602   | 48.577     |
| 4)                          | MA Heptachlor   | 4.541 | 5.193 | 349.0E6  | 125.0E6  | 50.136   | 51.736     |
| 5)                          | MB Aldrin       | 4.787 | 5.498 | 349.3E6  | 117.0E6  | 51.024   | 49.297     |
| 6)                          | B beta-BHC      | 4.498 | 4.855 | 143.7E6  | 54350207 | 48.267   | 49.025     |
| 7)                          | B delta-BHC     | 4.701 | 5.072 | 284.1E6  | 87874473 | 44.118   | 44.736     |
| 8)                          | B Heptachlor... | 5.230 | 5.885 | 325.7E6  | 108.7E6  | 51.223   | 50.363     |
| 9)                          | A Endosulfan I  | 5.567 | 6.242 | 303.3E6  | 102.4E6  | 51.968   | 49.640     |
| 10)                         | B gamma-Chl...  | 5.455 | 6.118 | 328.8E6  | 111.6E6  | 51.223   | 50.041     |
| 11)                         | B alpha-Chl...  | 5.512 | 6.191 | 323.3E6  | 111.4E6  | 51.168   | 50.242     |
| 12)                         | B 4,4'-DDE      | 5.676 | 6.348 | 284.1E6  | 92645879 | 52.426   | 50.388     |
| 13)                         | MA Dieldrin     | 5.810 | 6.498 | 322.8E6  | 106.8E6  | 51.817   | 50.058     |
| 14)                         | MA Endrin       | 6.066 | 6.716 | 278.0E6  | 87147536 | 51.242   | 49.689     |
| 15)                         | B Endosulfa...  | 6.340 | 6.925 | 271.5E6  | 93595901 | 52.184   | 50.536     |
| 16)                         | A 4,4'-DDD      | 6.191 | 6.838 | 227.3E6  | 74195016 | 52.543   | 49.102     |
| 17)                         | MA 4,4'-DDT     | 6.429 | 7.136 | 235.3E6  | 78586521 | 51.583   | 47.650     |
| 18)                         | B Endrin al...  | 6.506 | 7.049 | 231.3E6  | 80064833 | 51.855   | 50.523     |
| 19)                         | B Endosulfa...  | 6.718 | 7.271 | 254.0E6  | 87081095 | 47.145   | 46.183     |
| 20)                         | A Methoxychlor  | 6.971 | 7.593 | 127.6E6  | 43301153 | 49.931   | 49.059     |
| 21)                         | B Endrin ke...  | 7.207 | 7.742 | 311.6E6  | 96488958 | 51.747   | 49.719     |
| 23)                         | Chlordane-1     | 4.453 | 5.072 | 6181480  | 87874473 | 27.635   | 979.443 #  |
| 24)                         | Chlordane-2     | 0.000 | 5.498 | 0        | 117.0E6  | N.D.     | 1260.168 # |
| 25)                         | Chlordane-3     | 5.455 | 6.118 | 328.8E6  | 111.6E6  | 452.822  | 364.181    |
| 26)                         | Chlordane-4     | 5.512 | 6.191 | 323.3E6  | 111.4E6  | 507.372  | 304.661 #  |
| 27)                         | Chlordane-5     | 6.340 | 7.049 | 271.5E6  | 80064833 | 1362.550 | 1151.460   |
| -----                       |                 |       |       |          |          |          |            |

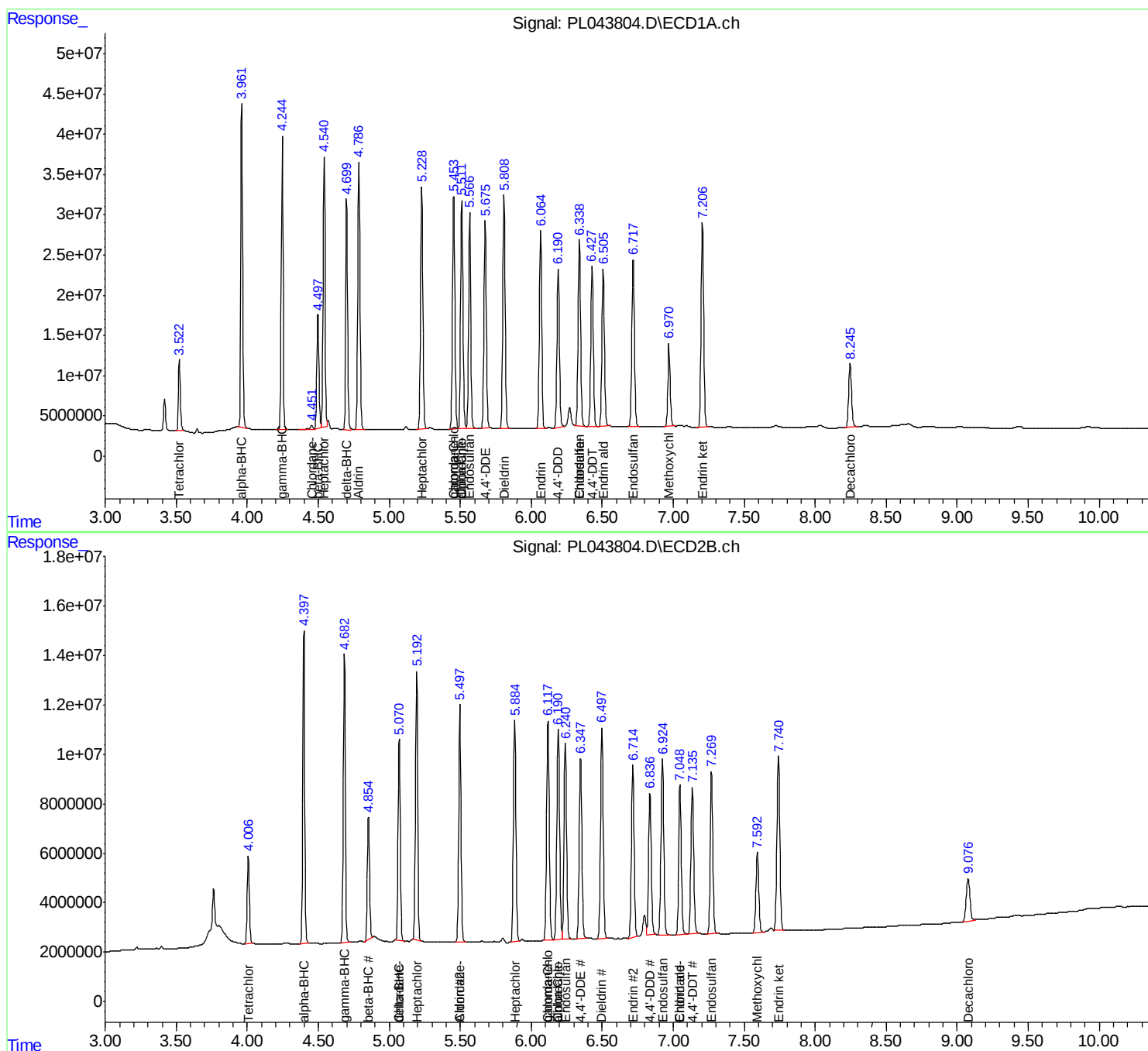
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

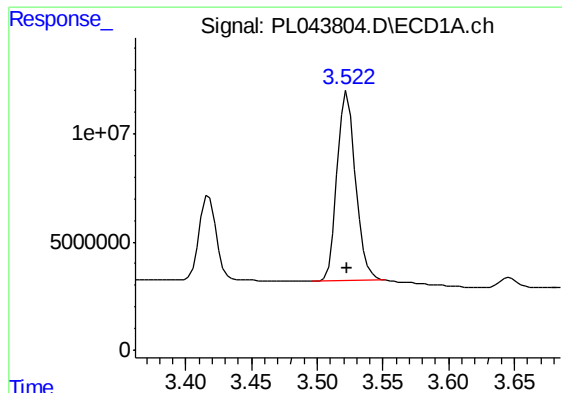
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011119\  
Data File : PL043804.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jan 2019 16:16  
Operator : AJ\SJ  
Sample : PB116285BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB116285BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 12 02:47:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 12 01:24:53 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

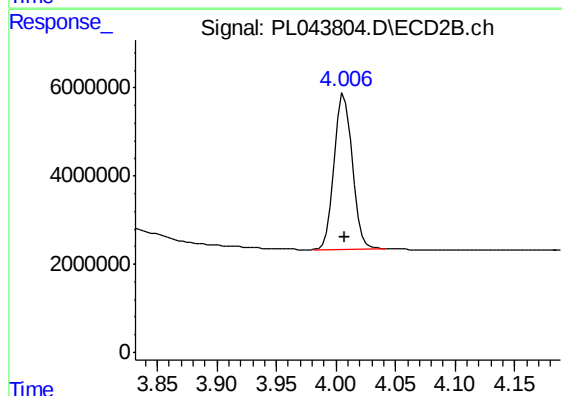




#1 Tetrachloro-m-xylene

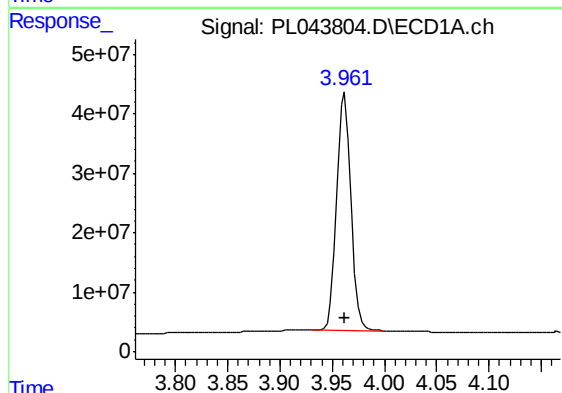
R.T.: 3.523 min  
Delta R.T.: 0.000 min  
Response: 85155773  
Conc: 17.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



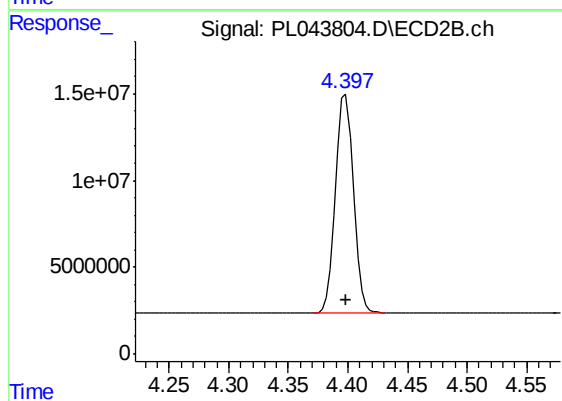
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 36833973  
Conc: 18.90 ng/ml



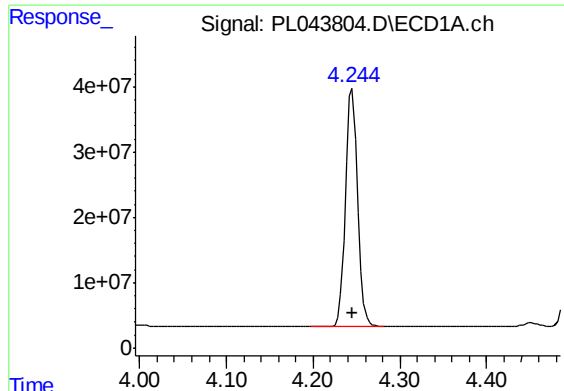
#2 alpha-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 382617834  
Conc: 49.77 ng/ml



#2 alpha-BHC

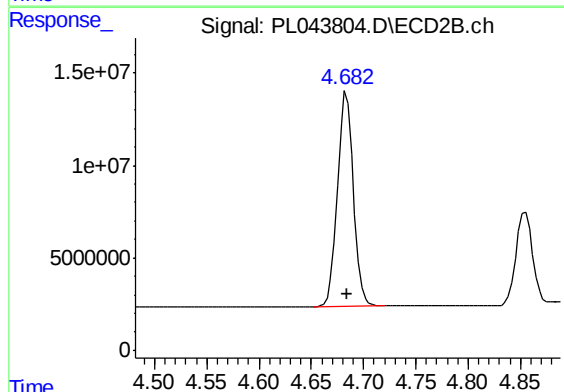
R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 130608383  
Conc: 48.44 ng/ml



#3 gamma-BHC (Lindane)

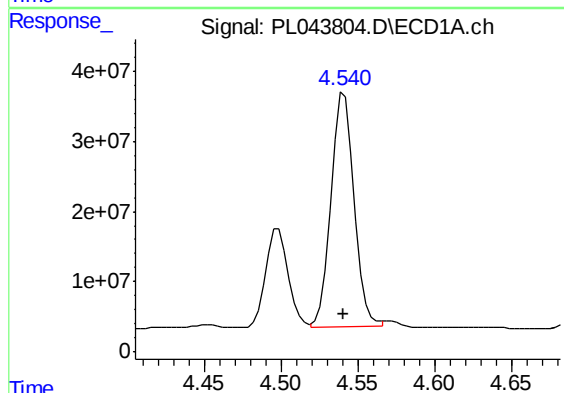
R.T.: 4.245 min  
Delta R.T.: 0.000 min  
Response: 352972571  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



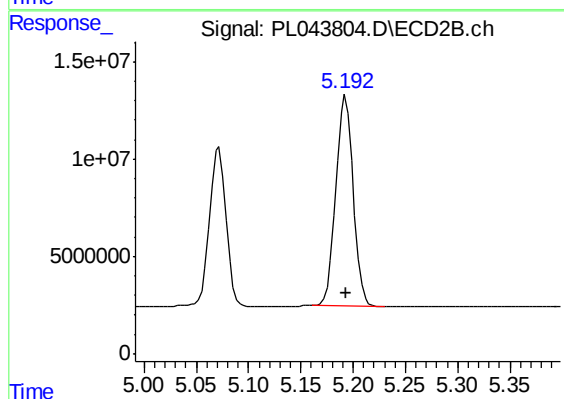
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 123379240  
Conc: 48.58 ng/ml



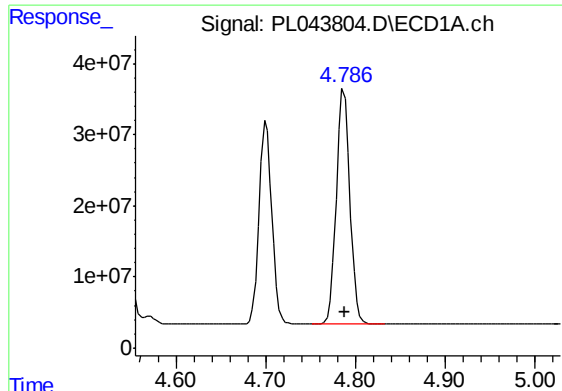
#4 Heptachlor

R.T.: 4.541 min  
Delta R.T.: 0.000 min  
Response: 349033041  
Conc: 50.14 ng/ml



#4 Heptachlor

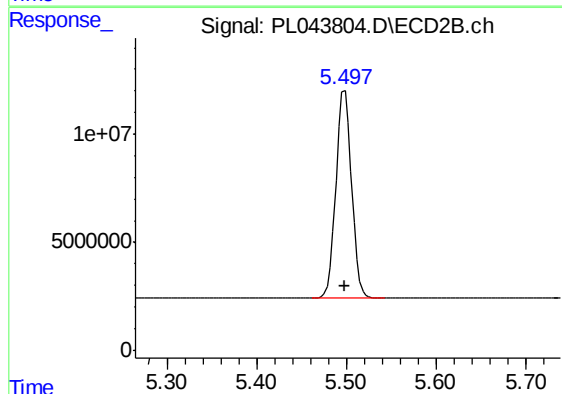
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 125044787  
Conc: 51.74 ng/ml



#5 Aldrin

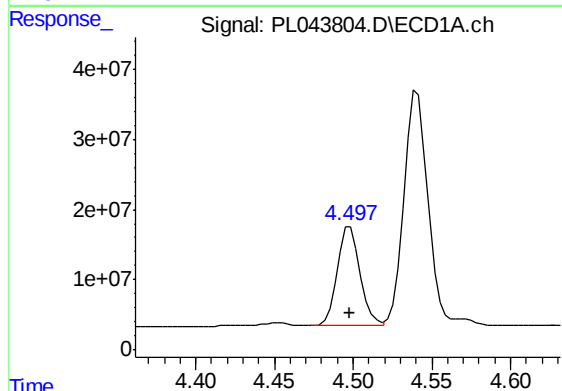
R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 349282729  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



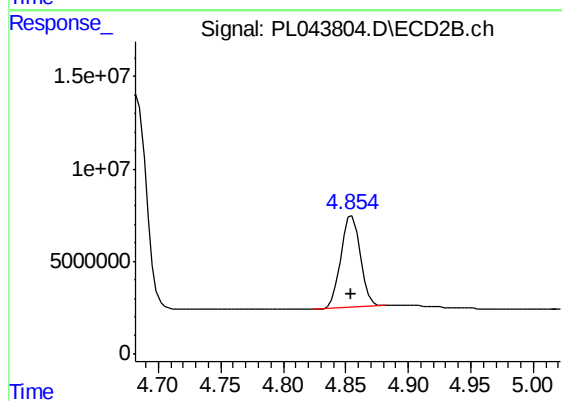
#5 Aldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 117006575  
Conc: 49.30 ng/ml



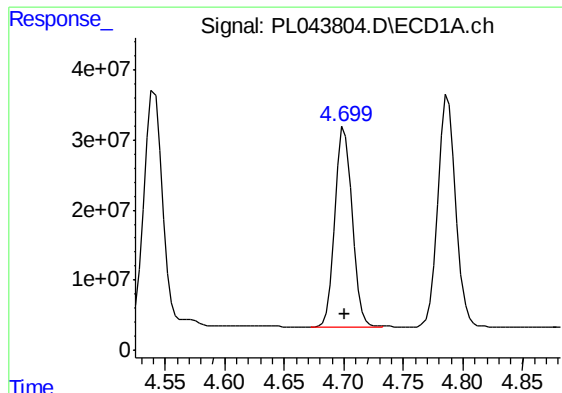
#6 beta-BHC

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 143687202  
Conc: 48.27 ng/ml



#6 beta-BHC

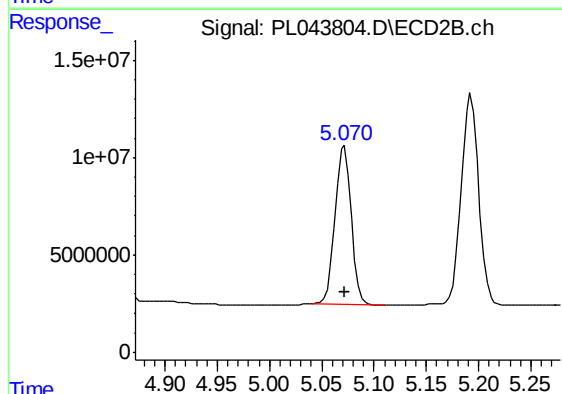
R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 54350207  
Conc: 49.02 ng/ml



#7 delta-BHC

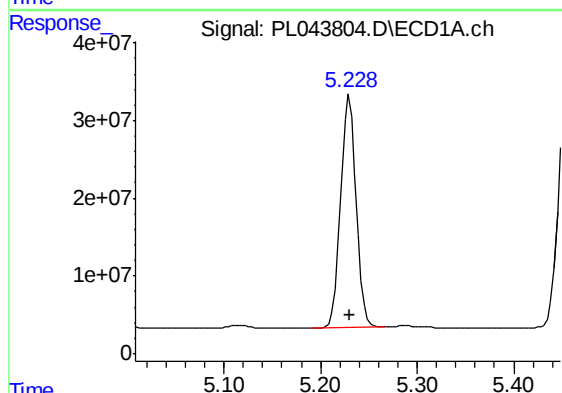
R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 284073323  
Conc: 44.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



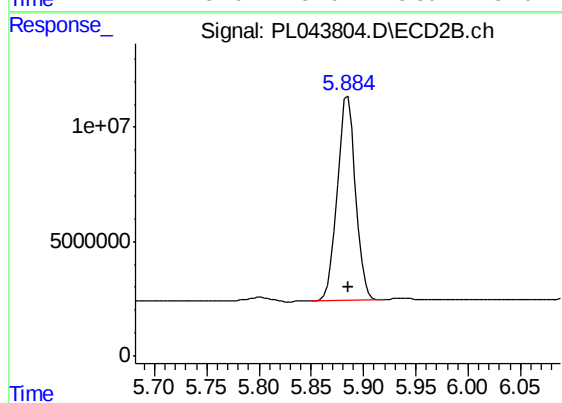
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 87874473  
Conc: 44.74 ng/ml



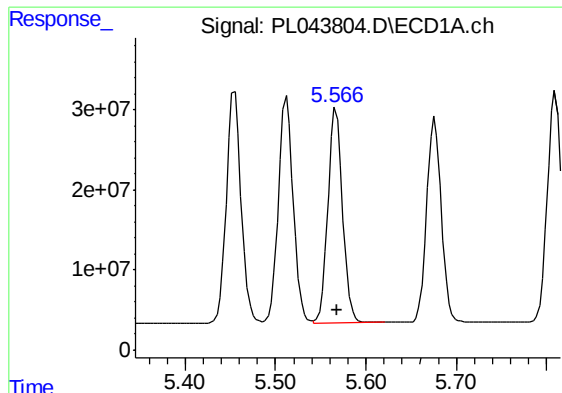
#8 Heptachlor epoxide

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 325727142  
Conc: 51.22 ng/ml



#8 Heptachlor epoxide

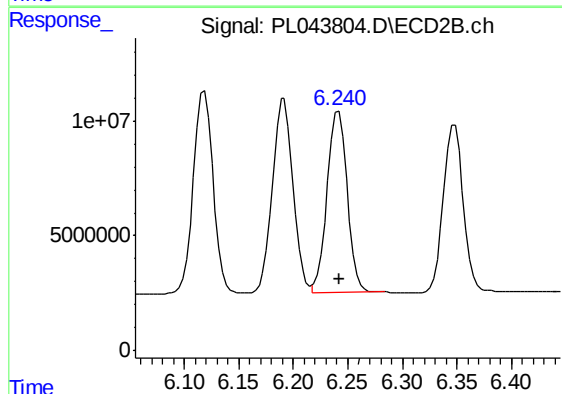
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 108681853  
Conc: 50.36 ng/ml



#9 Endosulfan I

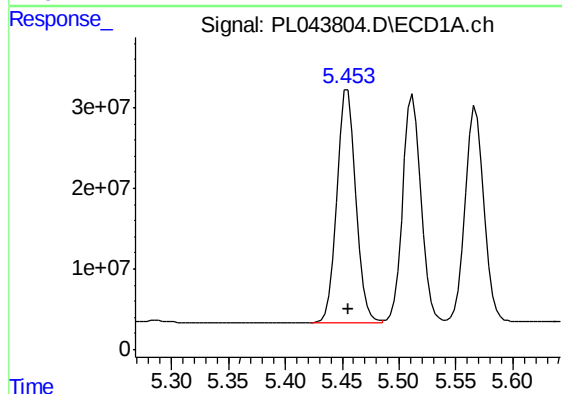
R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 303295532  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



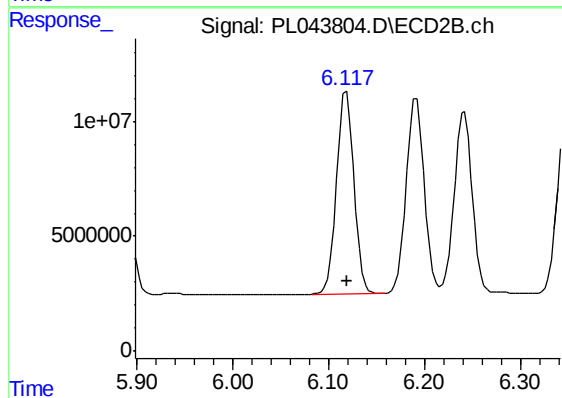
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 102354413  
Conc: 49.64 ng/ml



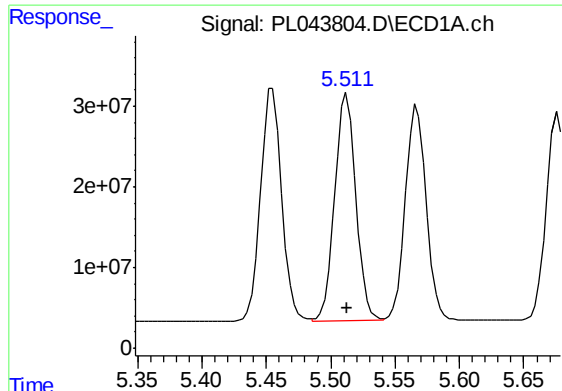
#10 gamma-Chlordane

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 328817308  
Conc: 51.22 ng/ml



#10 gamma-Chlordane

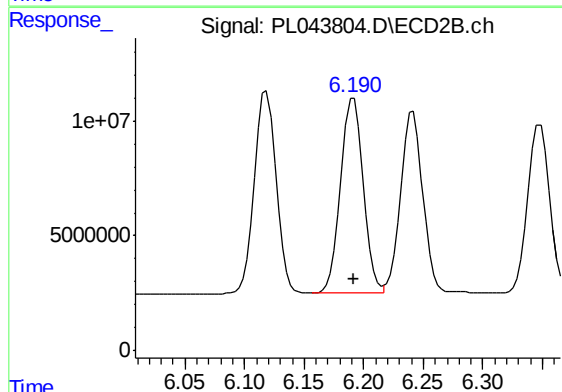
R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 111562659  
Conc: 50.04 ng/ml



#11 alpha-Chlordane

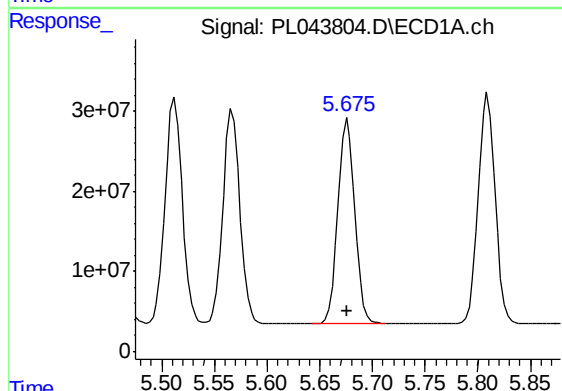
R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 323334025  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



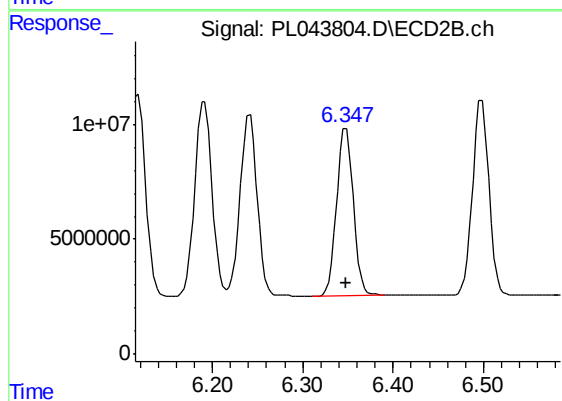
#11 alpha-Chlordane

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 111377444  
Conc: 50.24 ng/ml



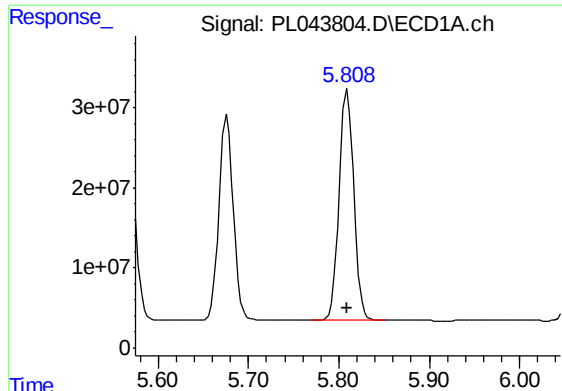
#12 4,4'-DDE

R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 284052595  
Conc: 52.43 ng/ml



#12 4,4'-DDE

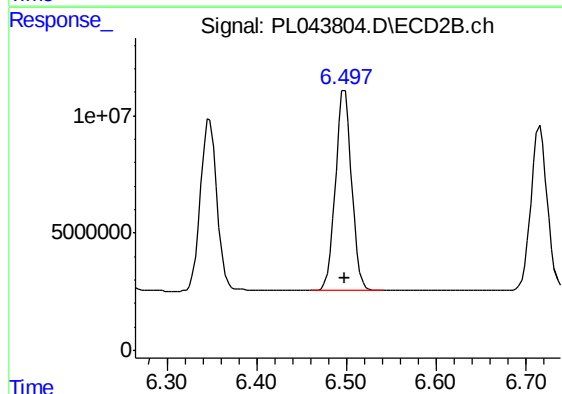
R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 92645879  
Conc: 50.39 ng/ml



#13 Dieldrin

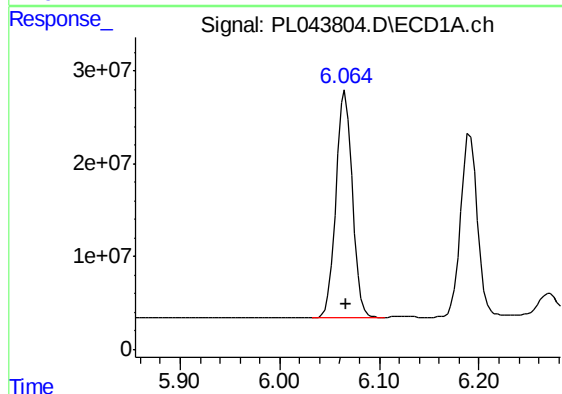
R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 322787175  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



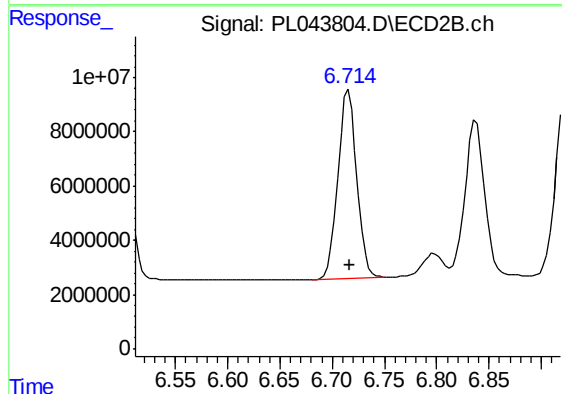
#13 Dieldrin

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 106786962  
Conc: 50.06 ng/ml



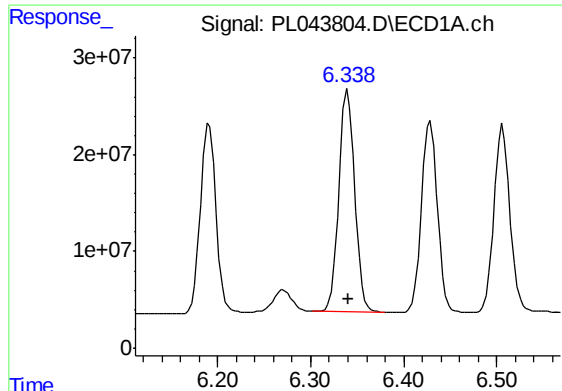
#14 Endrin

R.T.: 6.066 min  
Delta R.T.: 0.000 min  
Response: 277964414  
Conc: 51.24 ng/ml



#14 Endrin

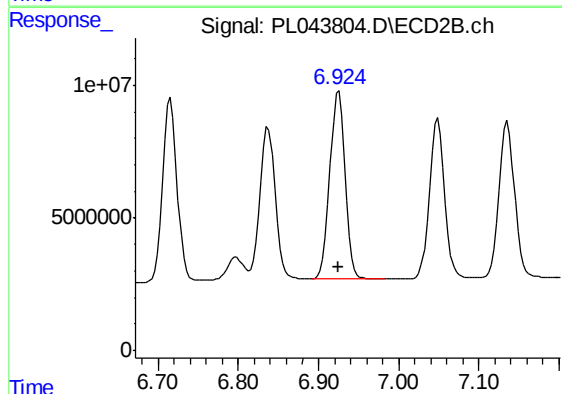
R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 87147536  
Conc: 49.69 ng/ml



#15 Endosulfan II

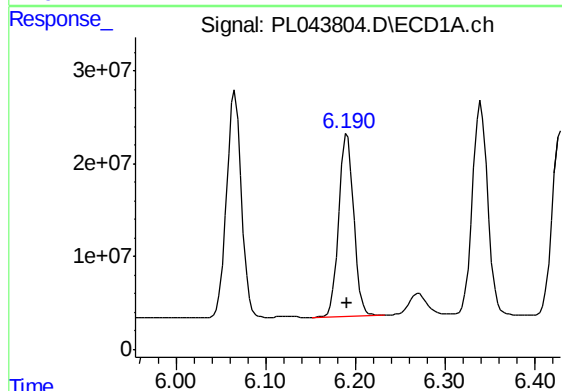
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 271498367  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



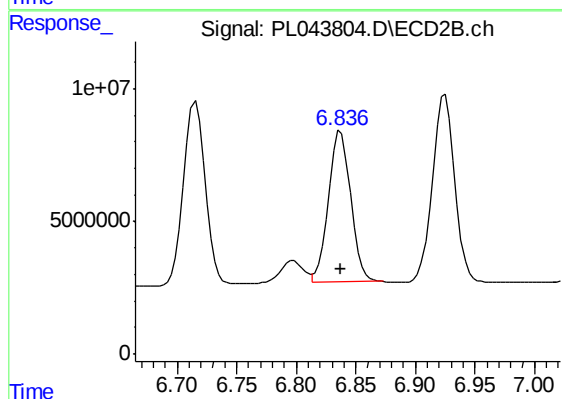
#15 Endosulfan II

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 93595901  
Conc: 50.54 ng/ml



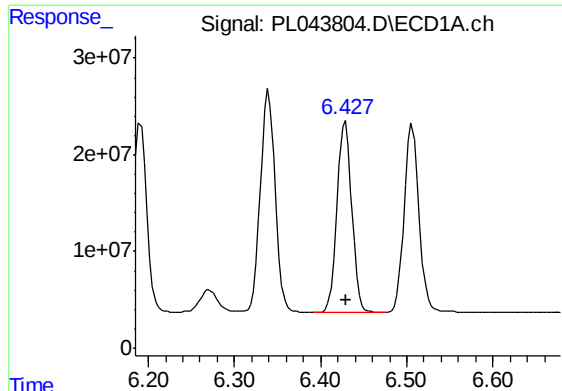
#16 4,4'-DDD

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 227313512  
Conc: 52.54 ng/ml



#16 4,4'-DDD

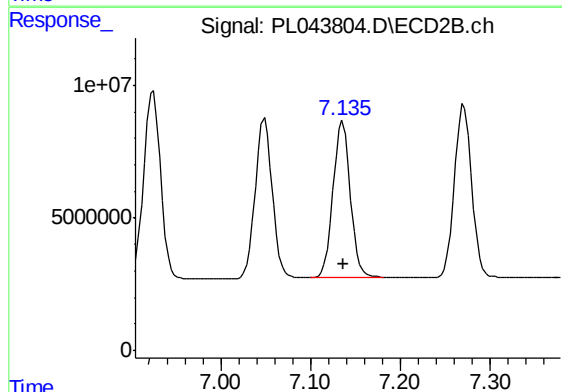
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 74195016  
Conc: 49.10 ng/ml



#17 4,4'-DDT

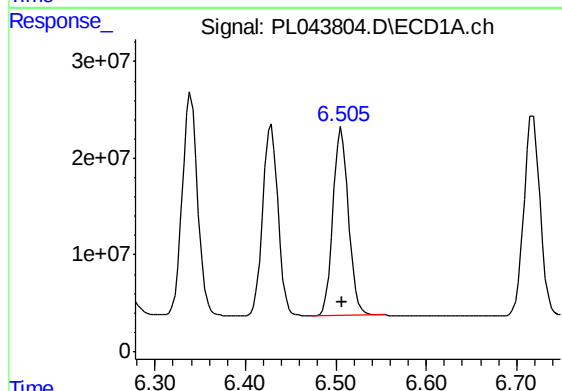
R.T.: 6.429 min  
Delta R.T.: 0.000 min  
Response: 235293972  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



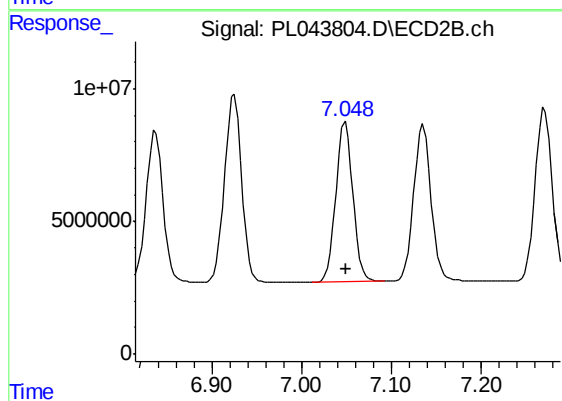
#17 4,4'-DDT

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 78586521  
Conc: 47.65 ng/ml



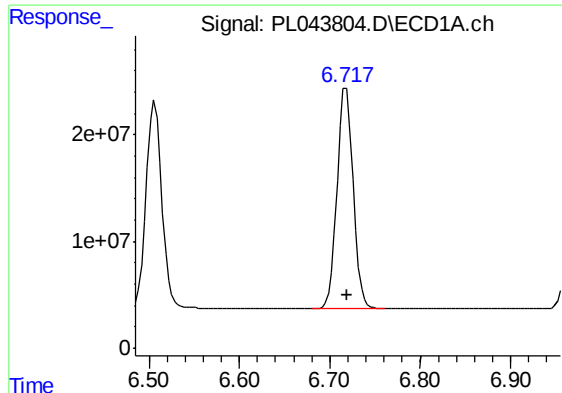
#18 Endrin aldehyde

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 231310396  
Conc: 51.86 ng/ml



#18 Endrin aldehyde

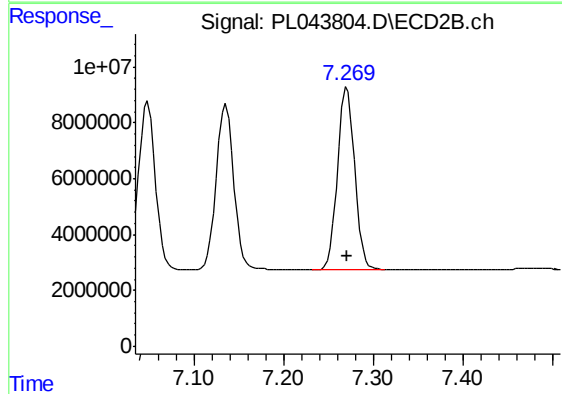
R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 80064833  
Conc: 50.52 ng/ml



#19 Endosulfan Sulfate

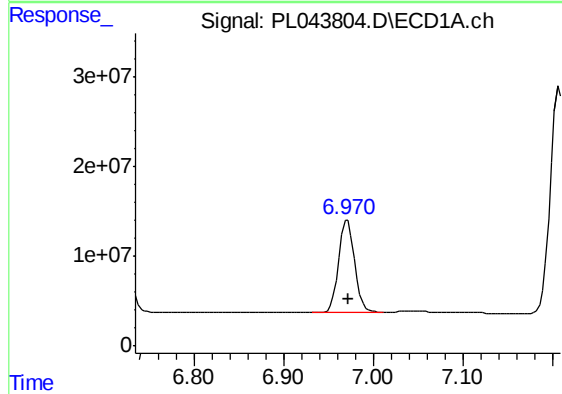
R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 253965983  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



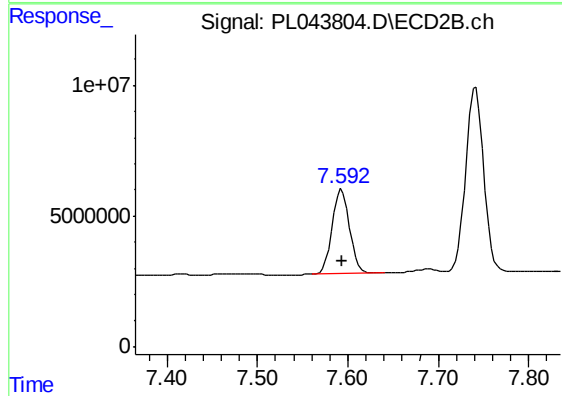
#19 Endosulfan Sulfate

R.T.: 7.271 min  
Delta R.T.: 0.000 min  
Response: 87081095  
Conc: 46.18 ng/ml



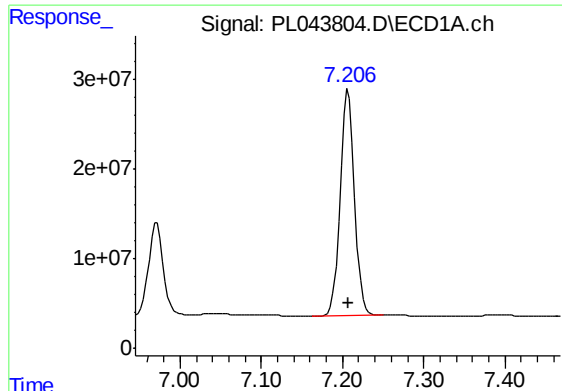
#20 Methoxychlor

R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 127644463  
Conc: 49.93 ng/ml



#20 Methoxychlor

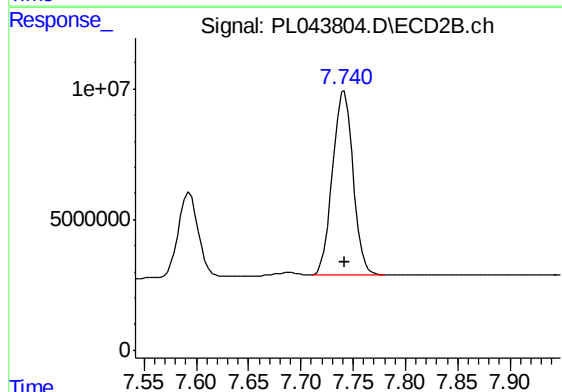
R.T.: 7.593 min  
Delta R.T.: 0.000 min  
Response: 43301153  
Conc: 49.06 ng/ml



#21 Endrin ketone

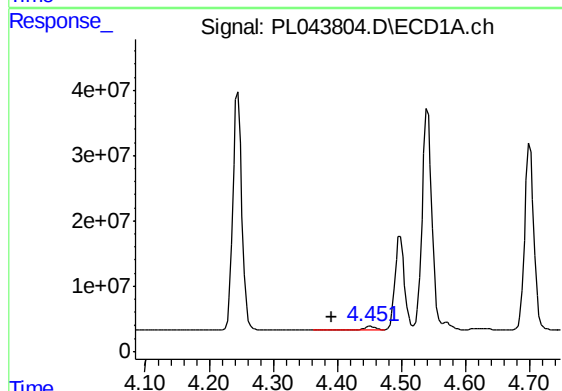
R.T.: 7.207 min  
Delta R.T.: 0.000 min  
Response: 311645386  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



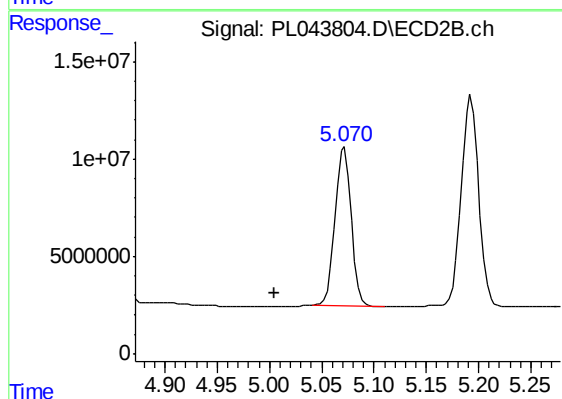
#21 Endrin ketone

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 96488958  
Conc: 49.72 ng/ml



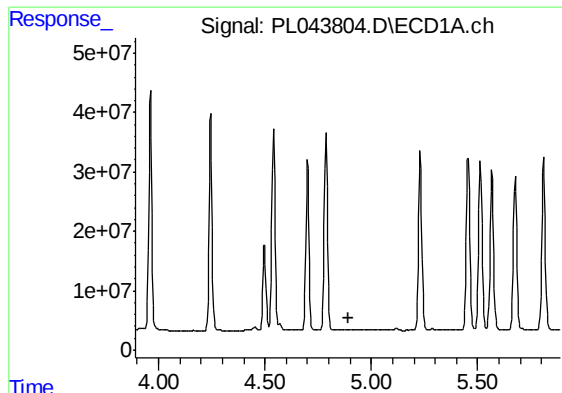
#23 Chlordane-1

R.T.: 4.453 min  
Delta R.T.: 0.061 min  
Response: 6181480  
Conc: 27.63 ng/ml



#23 Chlordane-1

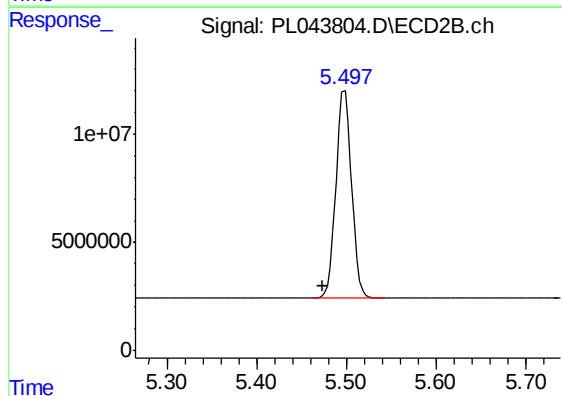
R.T.: 5.072 min  
Delta R.T.: 0.067 min  
Response: 87874473  
Conc: 979.44 ng/ml



#24 Chlordane-2

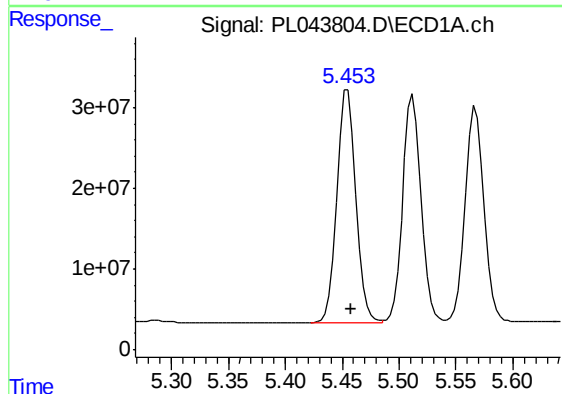
R.T.: 0.000 min  
Exp R.T.: 4.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



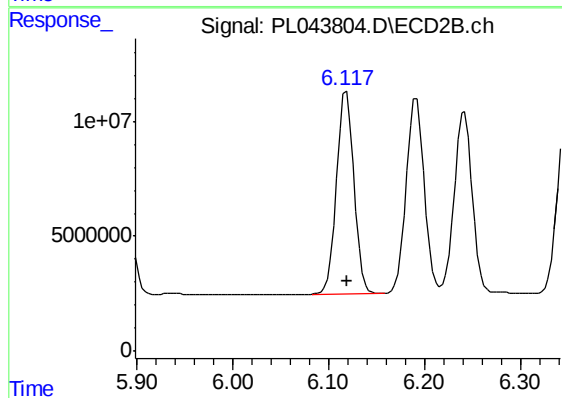
#24 Chlordane-2

R.T.: 5.498 min  
Delta R.T.: 0.025 min  
Response: 117006575  
Conc: 1260.17 ng/ml



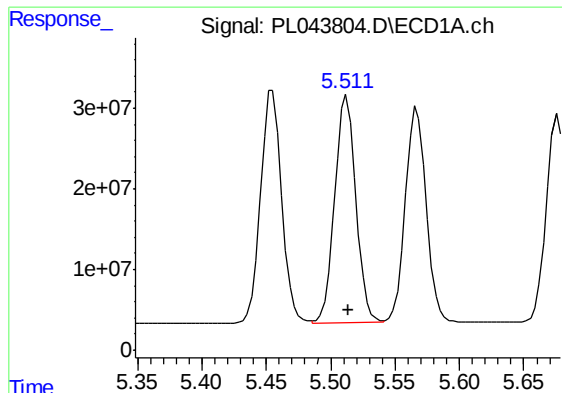
#25 Chlordane-3

R.T.: 5.455 min  
Delta R.T.: -0.003 min  
Response: 328817308  
Conc: 452.82 ng/ml



#25 Chlordane-3

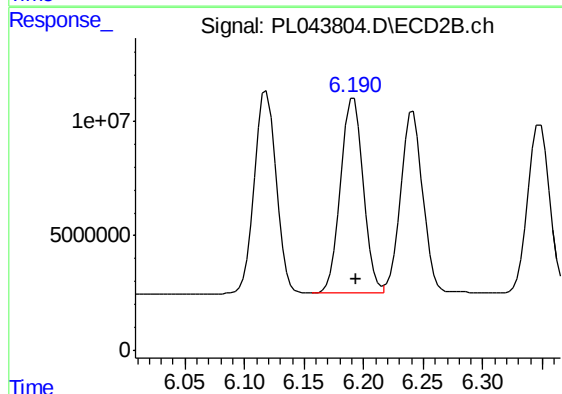
R.T.: 6.118 min  
Delta R.T.: -0.001 min  
Response: 111562659  
Conc: 364.18 ng/ml



#26 Chlordane-4

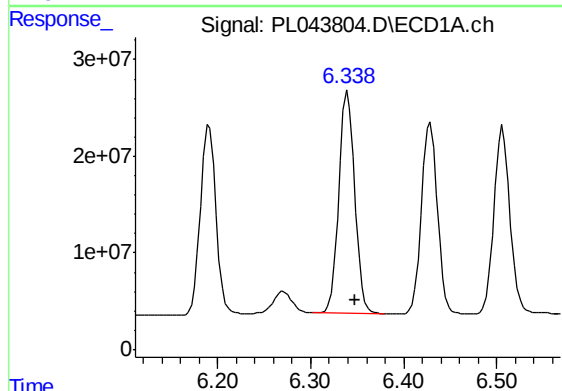
R.T.: 5.512 min  
Delta R.T.: -0.002 min  
Response: 323334025  
Conc: 507.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



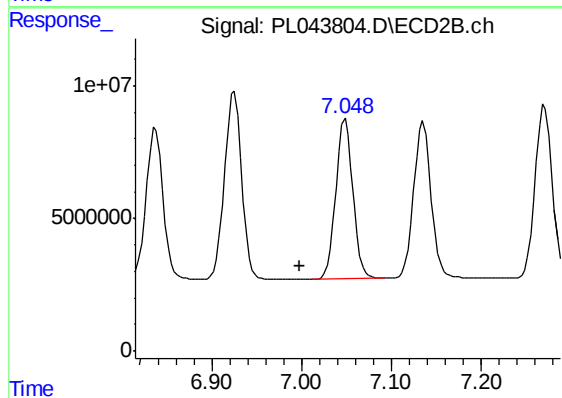
#26 Chlordane-4

R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 111377444  
Conc: 304.66 ng/ml



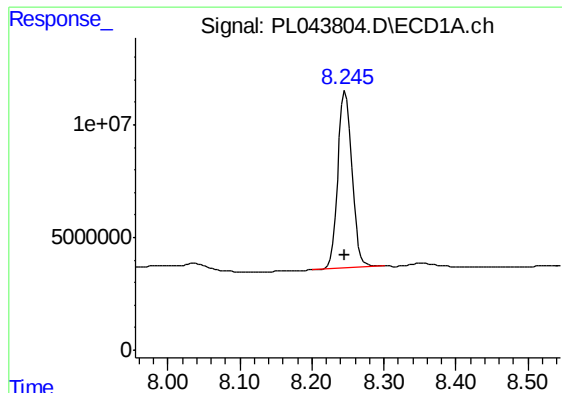
#27 Chlordane-5

R.T.: 6.340 min  
Delta R.T.: -0.008 min  
Response: 271498367  
Conc: 1362.55 ng/ml



#27 Chlordane-5

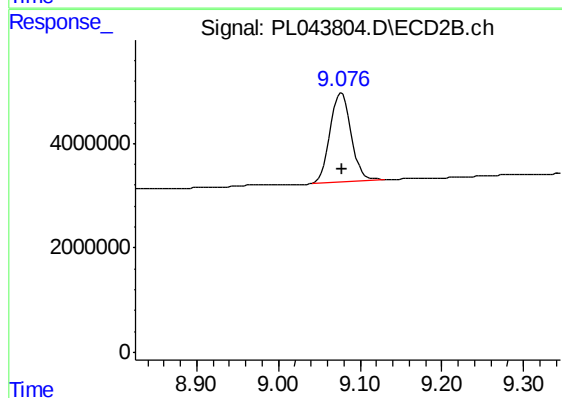
R.T.: 7.049 min  
Delta R.T.: 0.051 min  
Response: 80064833  
Conc: 1151.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.247 min  
Delta R.T.: 0.000 min  
Response: 107663197  
Conc: 19.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116285BS



#28 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: 0.000 min  
Response: 30687760  
Conc: 19.32 ng/ml