

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010919\  
 Data File : PL043709.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jan 2019 20:35  
 Operator : AJ\SJ  
 Sample : PB116234BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 06:58:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010919.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 09 06:15:46 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... | 3.407 | 4.035 | 115.5E6 | 56835848 | 17.999   | 19.551     |
| 28)                         | SA Decachlor... | 8.119 | 9.135 | 138.3E6 | 51306968 | 19.277   | 19.020     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.842 | 4.427 | 503.7E6 | 218.9E6  | 51.317   | 50.815     |
| 3)                          | MA gamma-BHC... | 4.122 | 4.714 | 466.2E6 | 211.7E6  | 52.636   | 48.499     |
| 4)                          | MA Heptachlor   | 4.414 | 5.226 | 471.5E6 | 190.9E6  | 53.613   | 55.397     |
| 5)                          | MB Aldrin       | 4.657 | 5.532 | 450.2E6 | 195.2E6  | 53.374   | 52.089     |
| 6)                          | B beta-BHC      | 4.376 | 4.885 | 199.6E6 | 91355514 | 50.588   | 52.362     |
| 7)                          | B delta-BHC     | 4.575 | 5.103 | 387.7E6 | 179.2E6  | 46.213   | 44.145     |
| 8)                          | B Heptachlo...  | 5.099 | 5.921 | 422.4E6 | 189.2E6  | 54.056   | 52.056     |
| 9)                          | A Endosulfan I  | 5.433 | 6.279 | 391.3E6 | 158.7E6  | 54.017   | 50.212     |
| 10)                         | B gamma-Chl...  | 5.323 | 6.155 | 429.0E6 | 165.1E6  | 53.604   | 51.848     |
| 11)                         | B alpha-Chl...  | 5.380 | 6.228 | 417.9E6 | 168.2E6  | 53.728   | 51.378     |
| 12)                         | B 4,4'-DDE      | 5.547 | 6.385 | 403.8E6 | 179.1E6  | 54.477   | 52.630     |
| 13)                         | MA Dieldrin     | 5.675 | 6.537 | 425.6E6 | 179.7E6  | 54.068   | 53.520     |
| 14)                         | MA Endrin       | 5.930 | 6.756 | 385.1E6 | 149.7E6  | 54.374   | 55.385     |
| 15)                         | B Endosulfa...  | 6.204 | 6.965 | 377.4E6 | 157.6E6  | 52.131   | 54.156     |
| 16)                         | A 4,4'-DDD      | 6.061 | 6.877 | 334.4E6 | 148.7E6  | 54.638   | 51.937     |
| 17)                         | MA 4,4'-DDT     | 6.298 | 7.176 | 332.4E6 | 149.2E6  | 55.509   | 50.038     |
| 18)                         | B Endrin al...  | 6.372 | 7.090 | 303.3E6 | 128.2E6  | 54.453   | 54.197     |
| 19)                         | B Endosulfa...  | 6.584 | 7.312 | 329.1E6 | 142.8E6  | 50.195   | 48.977     |
| 20)                         | A Methoxychlor  | 6.844 | 7.634 | 191.2E6 | 74125295 | 52.950   | 52.042     |
| 21)                         | B Endrin ke...  | 7.071 | 7.786 | 417.6E6 | 159.1E6  | 53.418   | 52.760     |
| 23)                         | Chlordane-1     | 4.332 | 5.103 | 7869143 | 179.2E6  | 28.980   | 1393.001 # |
| 24)                         | Chlordane-2     | 4.725 | 5.532 | 3794760 | 195.2E6  | 13.603   | 1413.647 # |
| 25)                         | Chlordane-3     | 5.323 | 6.155 | 429.0E6 | 165.1E6  | 488.723  | 370.155    |
| 26)                         | Chlordane-4     | 5.380 | 6.228 | 417.9E6 | 168.2E6  | 533.962  | 316.880 #  |
| 27)                         | Chlordane-5     | 6.204 | 7.090 | 377.4E6 | 128.2E6  | 1390.656 | 1231.200   |
| -----                       |                 |       |       |         |          |          |            |

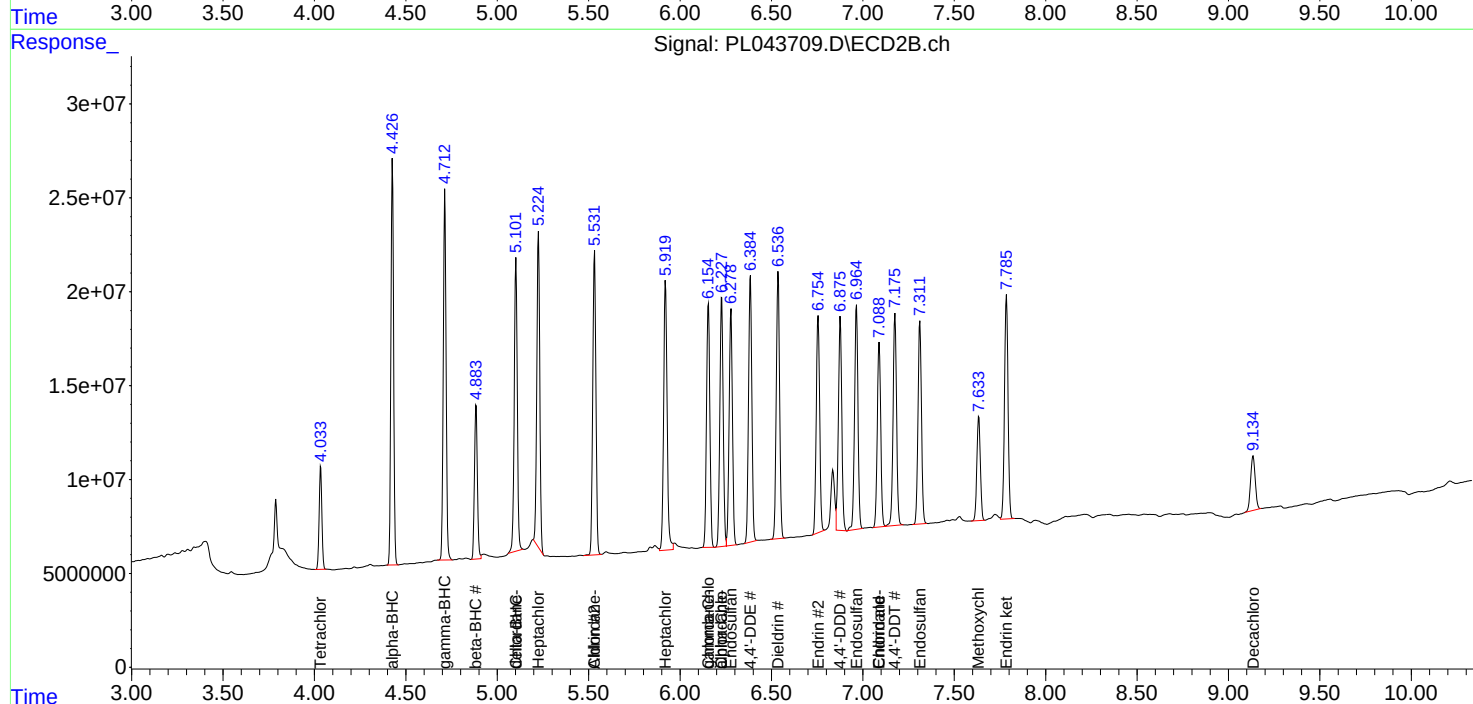
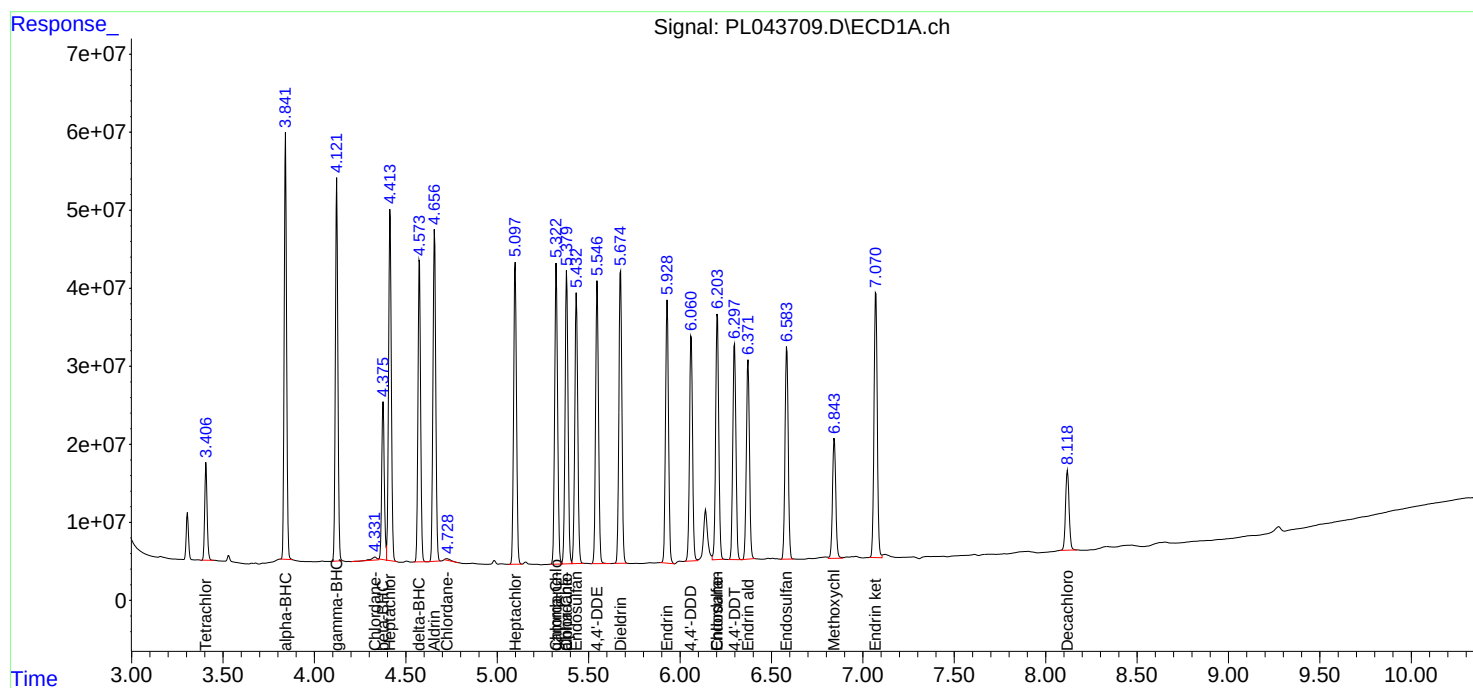
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

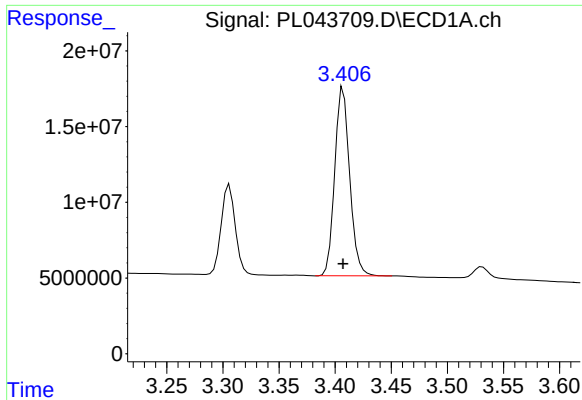
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010919\  
Data File : PL043709.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jan 2019 20:35  
Operator : AJ\SJ  
Sample : PB116234BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 06:58:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010919.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 09 06:15:46 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

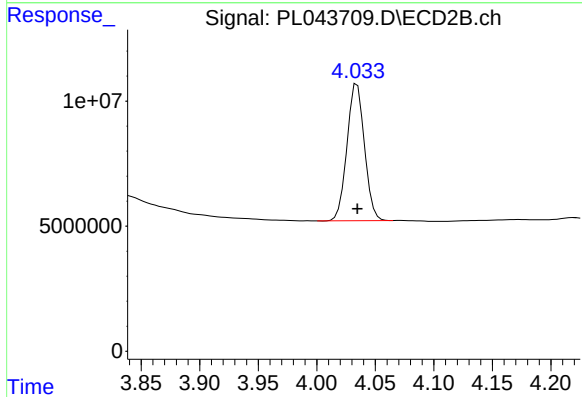




#1 Tetrachloro-m-xylene

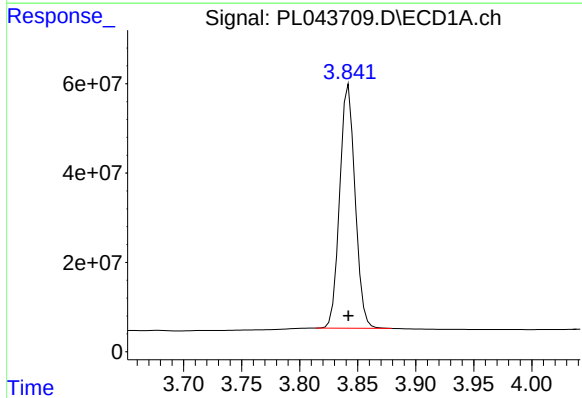
R.T.: 3.407 min  
Delta R.T.: 0.000 min  
Response: 115497596  
Conc: 18.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



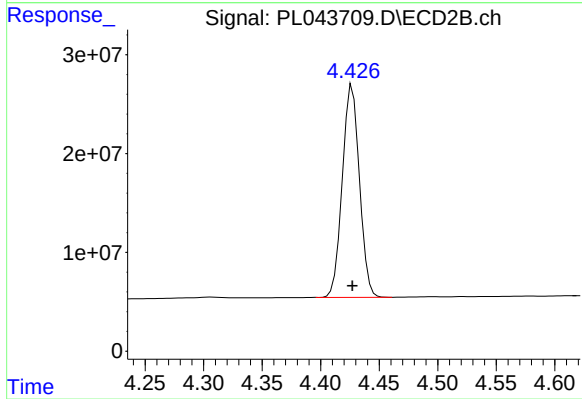
#1 Tetrachloro-m-xylene

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 56835848  
Conc: 19.55 ng/ml



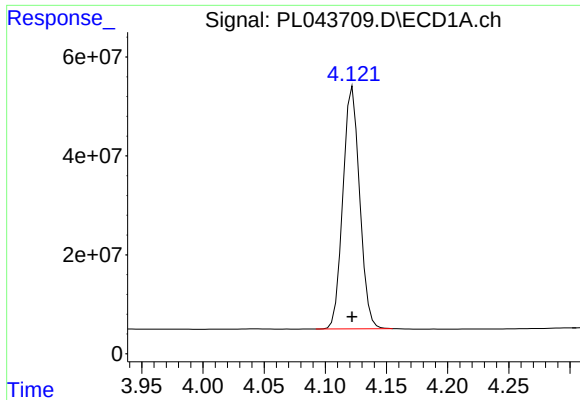
#2 alpha-BHC

R.T.: 3.842 min  
Delta R.T.: 0.000 min  
Response: 503654121  
Conc: 51.32 ng/ml



#2 alpha-BHC

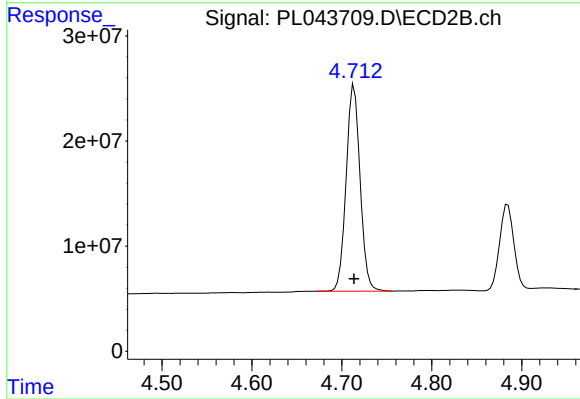
R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 218862001  
Conc: 50.81 ng/ml



#3 gamma-BHC (Lindane)

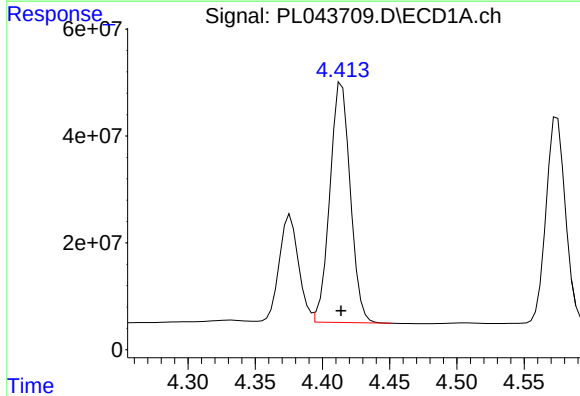
R.T.: 4.122 min  
Delta R.T.: 0.000 min  
Response: 466245487  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



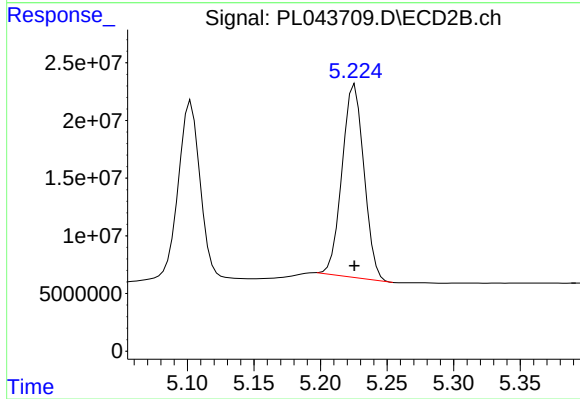
#3 gamma-BHC (Lindane)

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 211716644  
Conc: 48.50 ng/ml



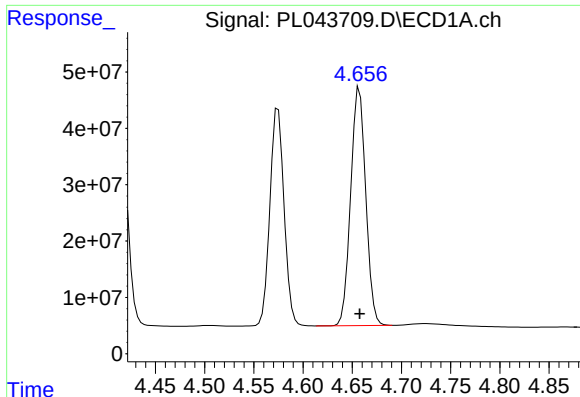
#4 Heptachlor

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 471530217  
Conc: 53.61 ng/ml



#4 Heptachlor

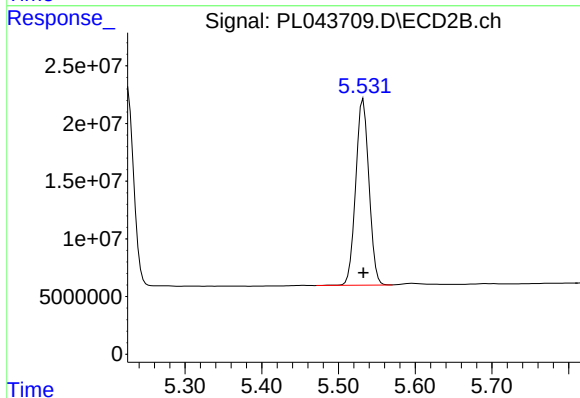
R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 190943608  
Conc: 55.40 ng/ml



#5 Aldrin

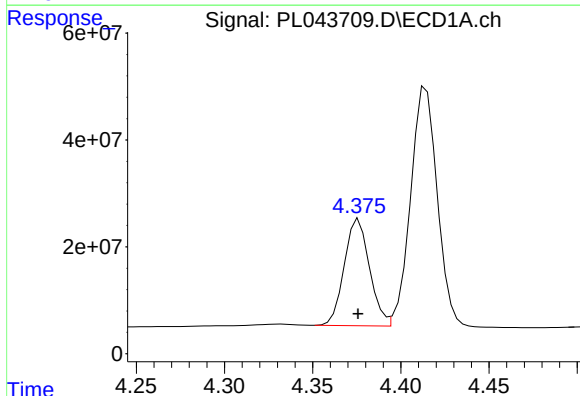
R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 450207149  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



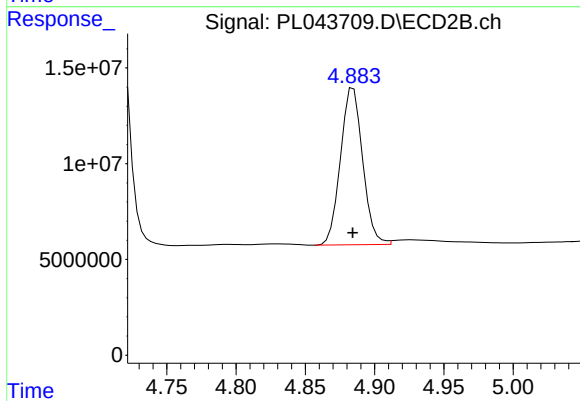
#5 Aldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 195164930  
Conc: 52.09 ng/ml



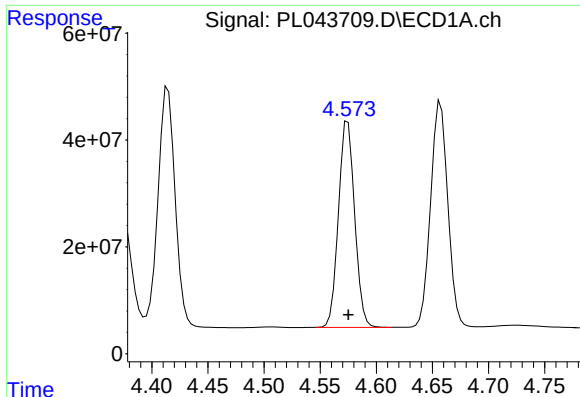
#6 beta-BHC

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 199592519  
Conc: 50.59 ng/ml



#6 beta-BHC

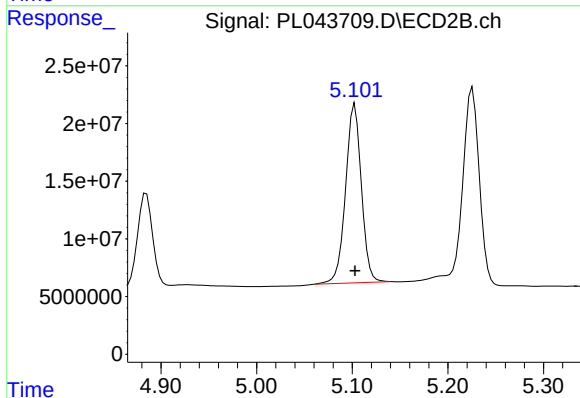
R.T.: 4.885 min  
Delta R.T.: 0.000 min  
Response: 91355514  
Conc: 52.36 ng/ml



#7 delta-BHC

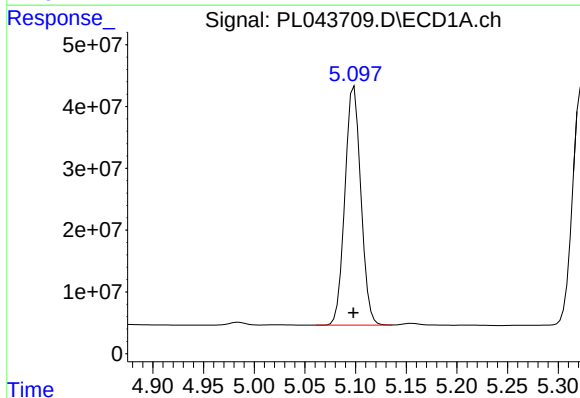
R.T.: 4.575 min  
Delta R.T.: 0.000 min  
Response: 387696869  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



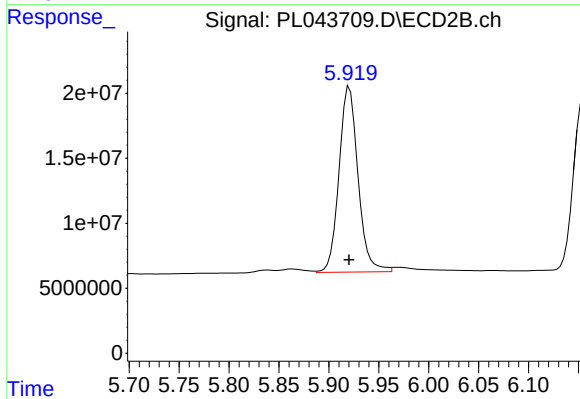
#7 delta-BHC

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 179201534  
Conc: 44.14 ng/ml



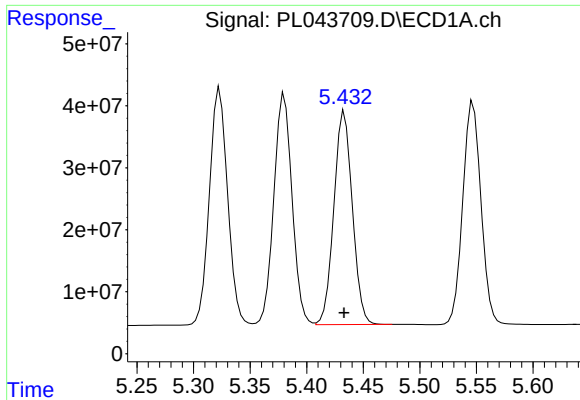
#8 Heptachlor epoxide

R.T.: 5.099 min  
Delta R.T.: 0.000 min  
Response: 422388494  
Conc: 54.06 ng/ml



#8 Heptachlor epoxide

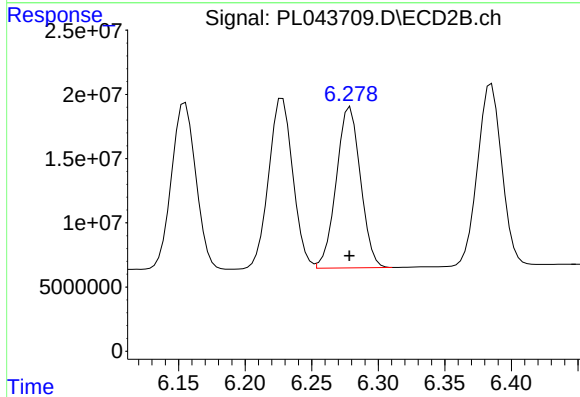
R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 189219010  
Conc: 52.06 ng/ml



#9 Endosulfan I

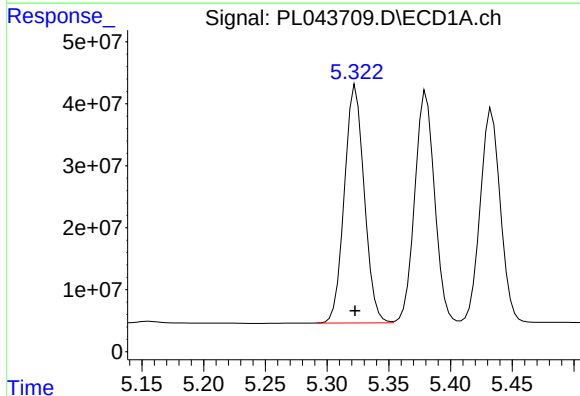
R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 391315291  
Conc: 54.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



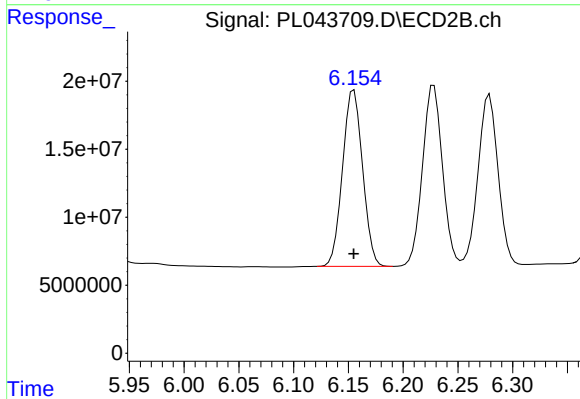
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 158747327  
Conc: 50.21 ng/ml



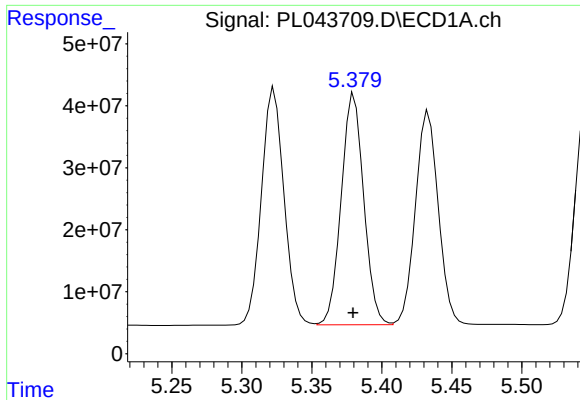
#10 gamma-Chlordane

R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 429023321  
Conc: 53.60 ng/ml



#10 gamma-Chlordane

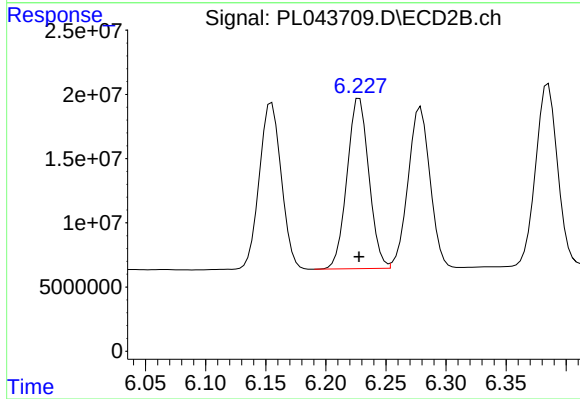
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 165102038  
Conc: 51.85 ng/ml



#11 alpha-Chlordane

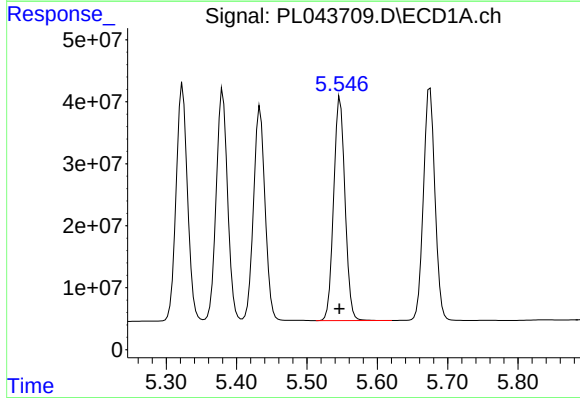
R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 417917955  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



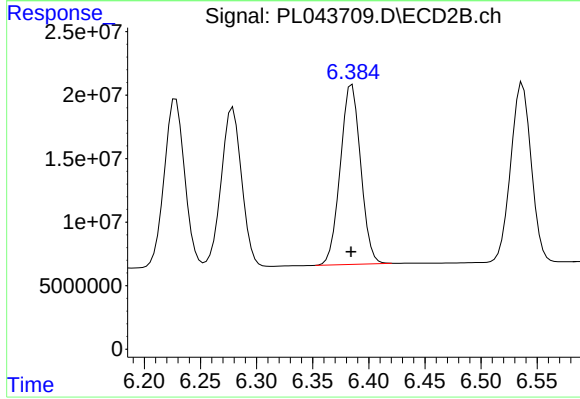
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 168229790  
Conc: 51.38 ng/ml



#12 4,4'-DDE

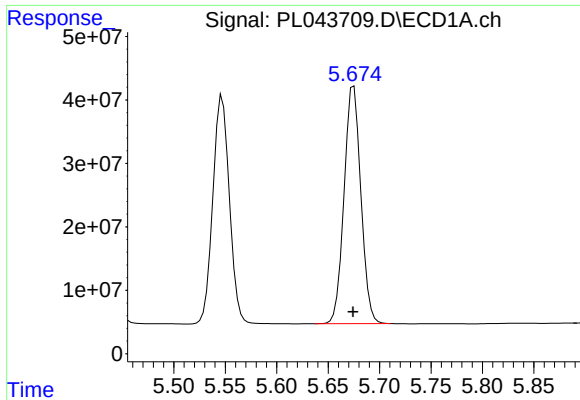
R.T.: 5.547 min  
Delta R.T.: 0.000 min  
Response: 403781224  
Conc: 54.48 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 179057419  
Conc: 52.63 ng/ml

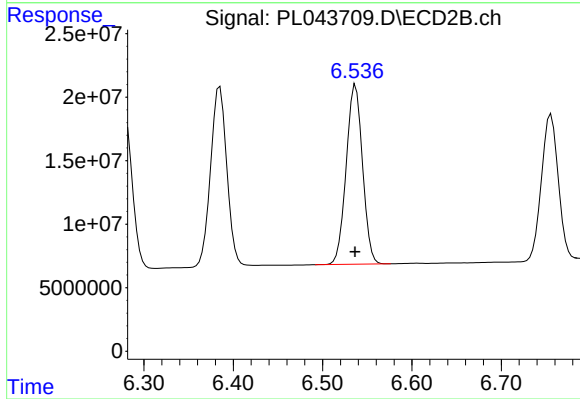




#13 Dieldrin

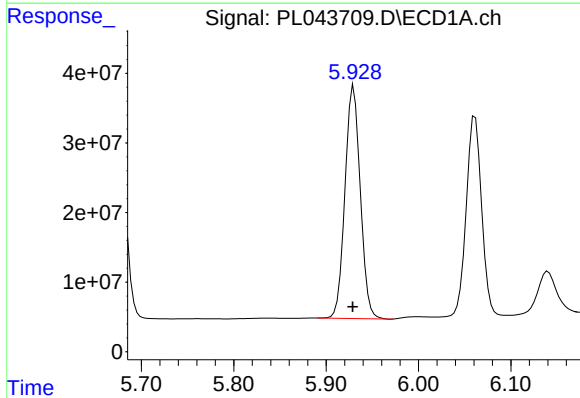
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 425605122  
Conc: 54.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



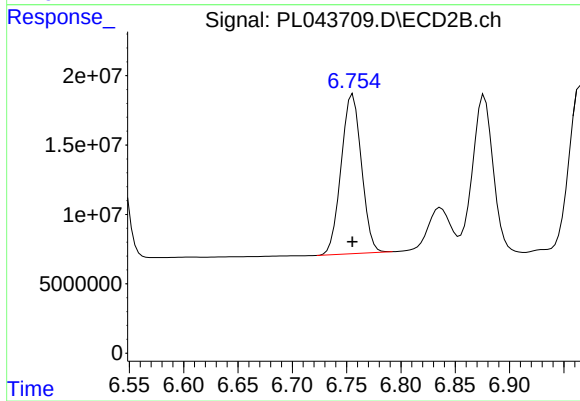
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 179727854  
Conc: 53.52 ng/ml



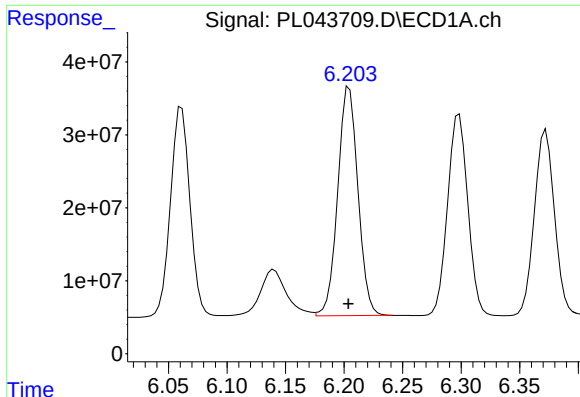
#14 Endrin

R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 385063209  
Conc: 54.37 ng/ml



#14 Endrin

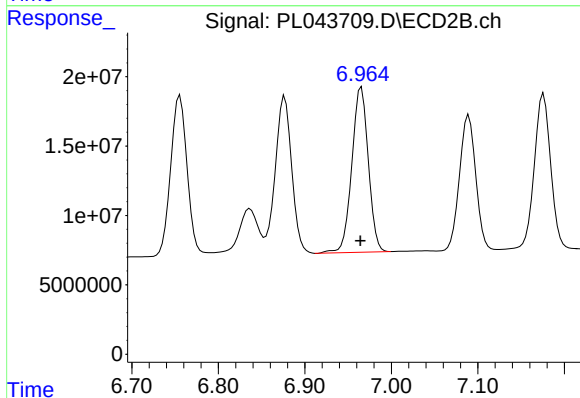
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 149659494  
Conc: 55.39 ng/ml



#15 Endosulfan II

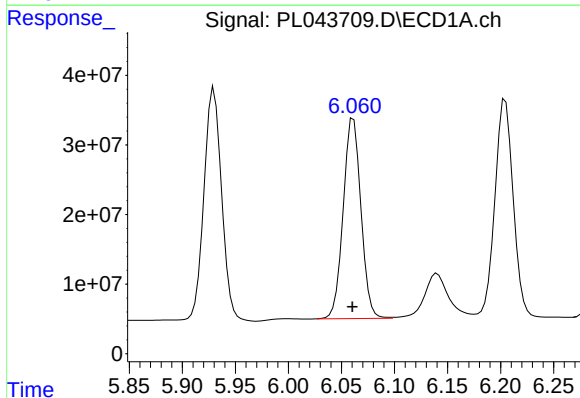
R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 377432656  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



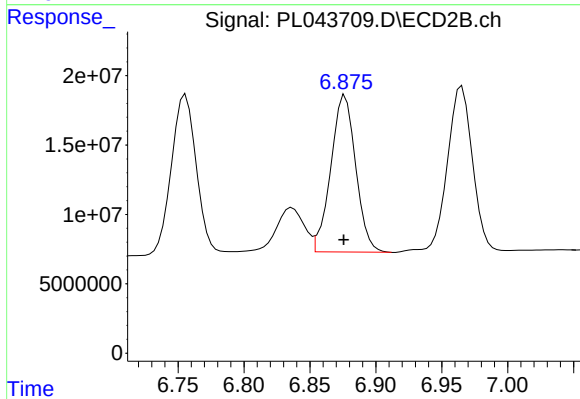
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.001 min  
Response: 157574699  
Conc: 54.16 ng/ml



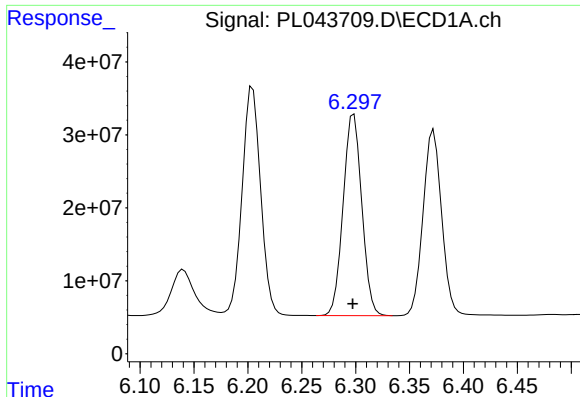
#16 4,4'-DDD

R.T.: 6.061 min  
Delta R.T.: 0.001 min  
Response: 334410080  
Conc: 54.64 ng/ml



#16 4,4'-DDD

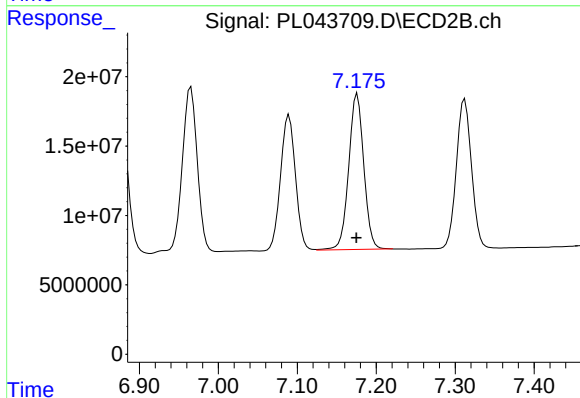
R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 148732218  
Conc: 51.94 ng/ml



#17 4,4'-DDT

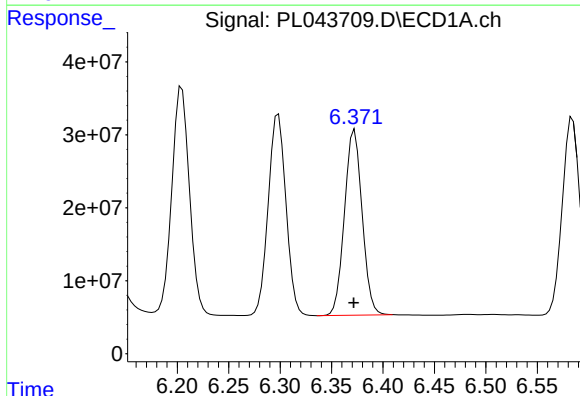
R.T.: 6.298 min  
Delta R.T.: 0.001 min  
Response: 332375508  
Conc: 55.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



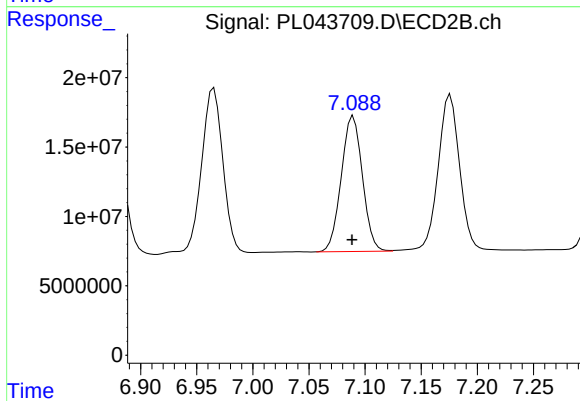
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.001 min  
Response: 149175643  
Conc: 50.04 ng/ml



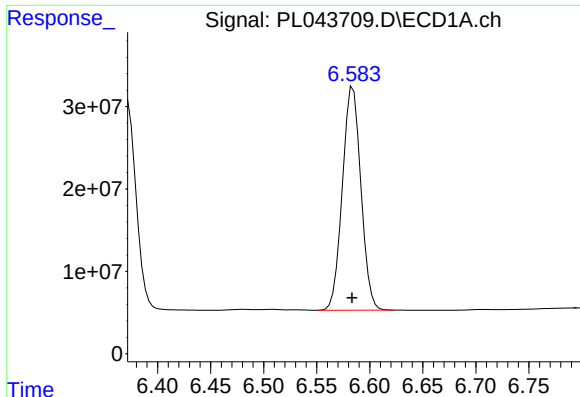
#18 Endrin aldehyde

R.T.: 6.372 min  
Delta R.T.: 0.000 min  
Response: 303257452  
Conc: 54.45 ng/ml



#18 Endrin aldehyde

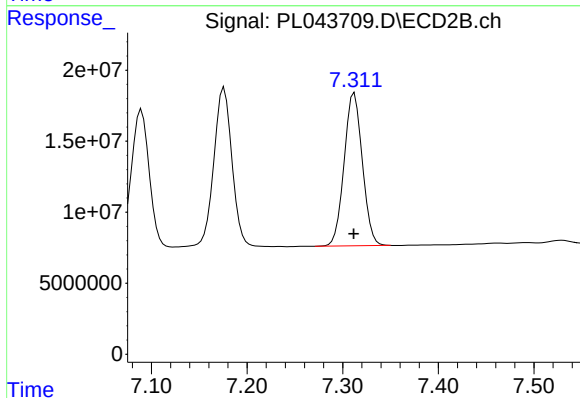
R.T.: 7.090 min  
Delta R.T.: 0.001 min  
Response: 128195078  
Conc: 54.20 ng/ml



#19 Endosulfan Sulfate

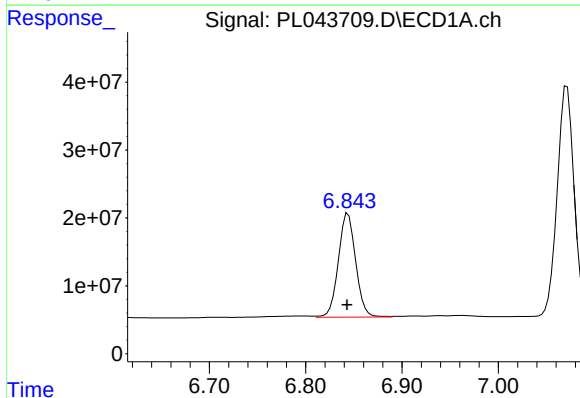
R.T.: 6.584 min  
Delta R.T.: 0.001 min  
Response: 329116550  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



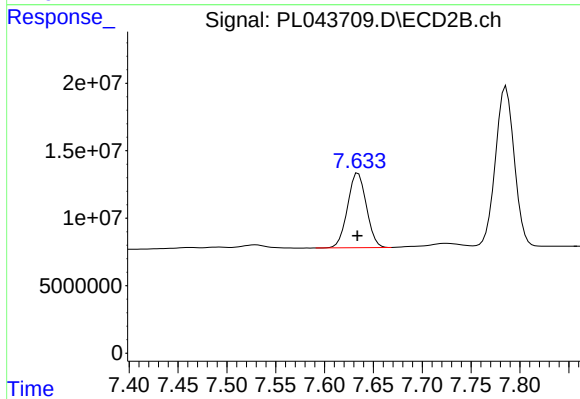
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 142840262  
Conc: 48.98 ng/ml



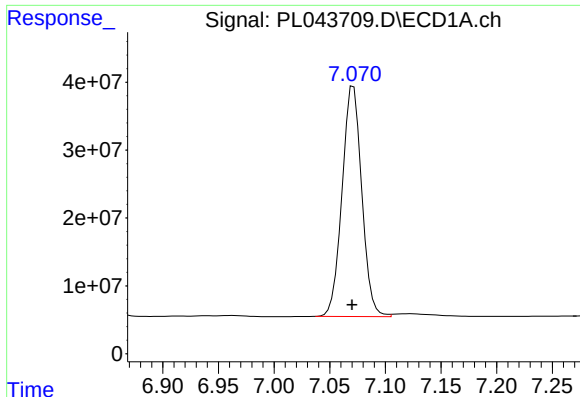
#20 Methoxychlor

R.T.: 6.844 min  
Delta R.T.: 0.001 min  
Response: 191247472  
Conc: 52.95 ng/ml



#20 Methoxychlor

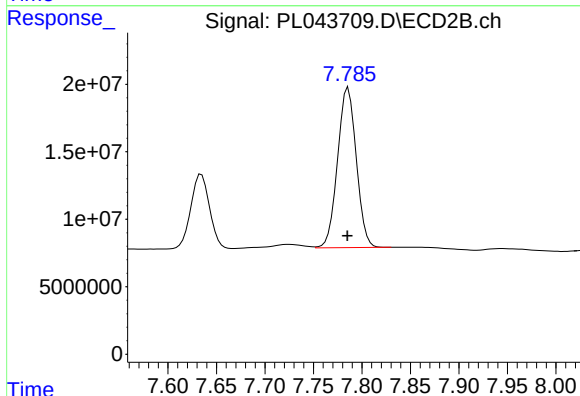
R.T.: 7.634 min  
Delta R.T.: 0.000 min  
Response: 74125295  
Conc: 52.04 ng/ml



#21 Endrin ketone

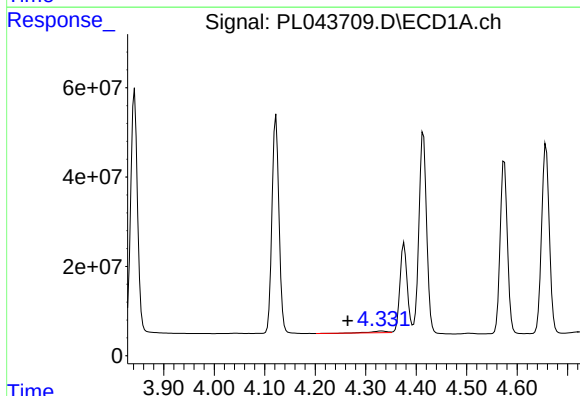
R.T.: 7.071 min  
Delta R.T.: 0.001 min  
Response: 417584957  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



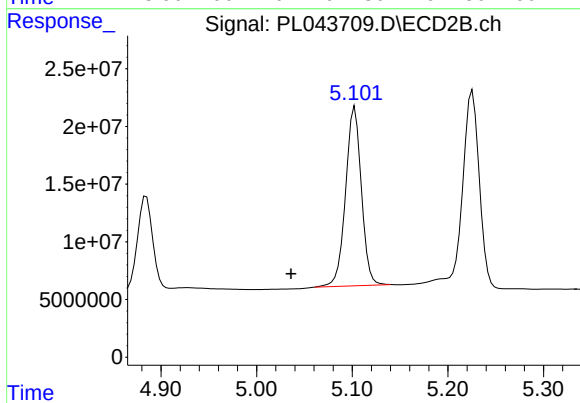
#21 Endrin ketone

R.T.: 7.786 min  
Delta R.T.: 0.000 min  
Response: 159083154  
Conc: 52.76 ng/ml



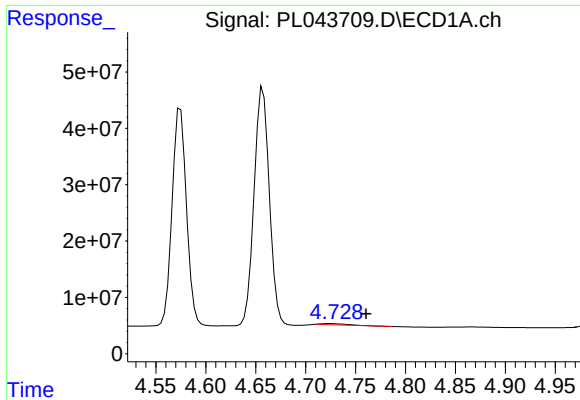
#23 Chlordane-1

R.T.: 4.332 min  
Delta R.T.: 0.067 min  
Response: 7869143  
Conc: 28.98 ng/ml



#23 Chlordane-1

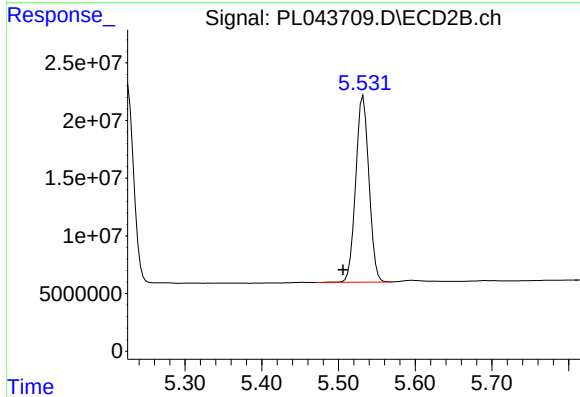
R.T.: 5.103 min  
Delta R.T.: 0.067 min  
Response: 179201534  
Conc: 1393.00 ng/ml



#24 Chlordane-2

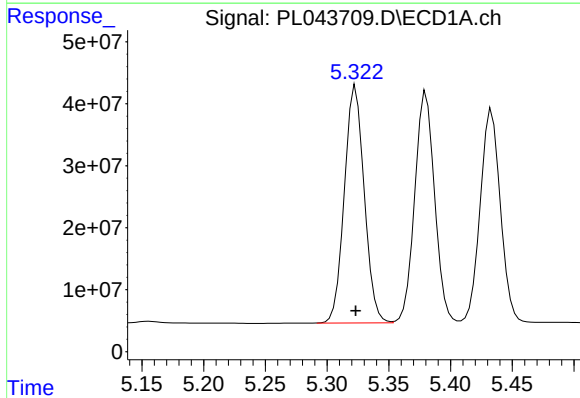
R.T.: 4.725 min  
Delta R.T.: -0.036 min  
Response: 3794760  
Conc: 13.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



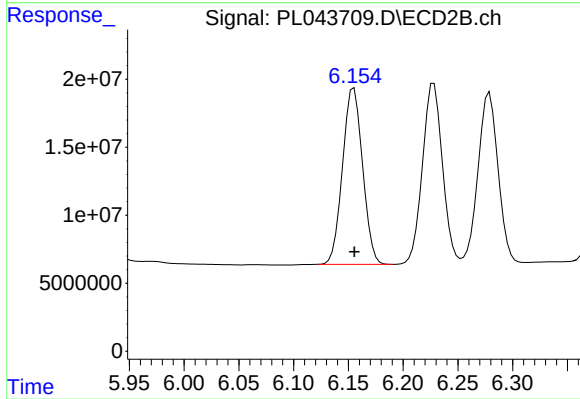
#24 Chlordane-2

R.T.: 5.532 min  
Delta R.T.: 0.026 min  
Response: 195164930  
Conc: 1413.65 ng/ml



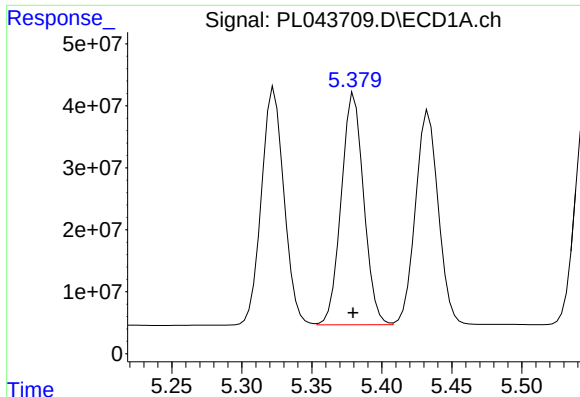
#25 Chlordane-3

R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 429023321  
Conc: 488.72 ng/ml



#25 Chlordane-3

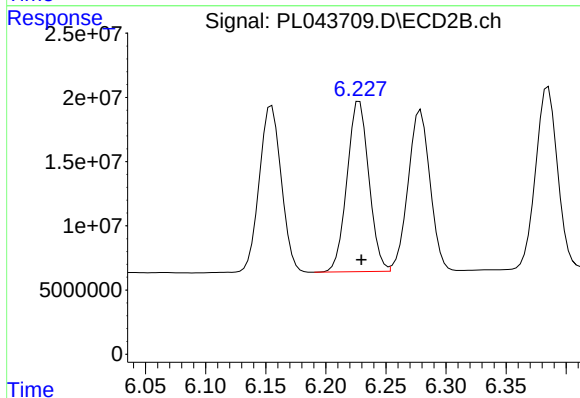
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 165102038  
Conc: 370.16 ng/ml



#26 Chlordane-4

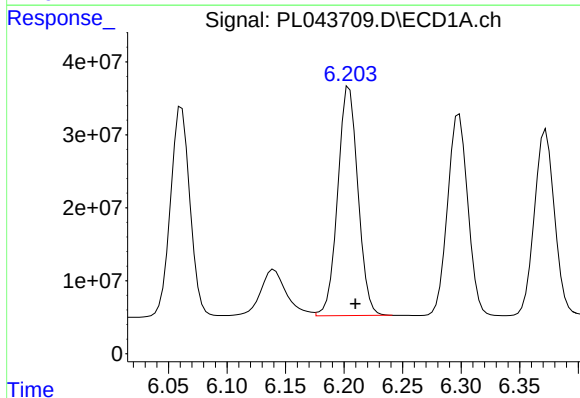
R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 417917955  
Conc: 533.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



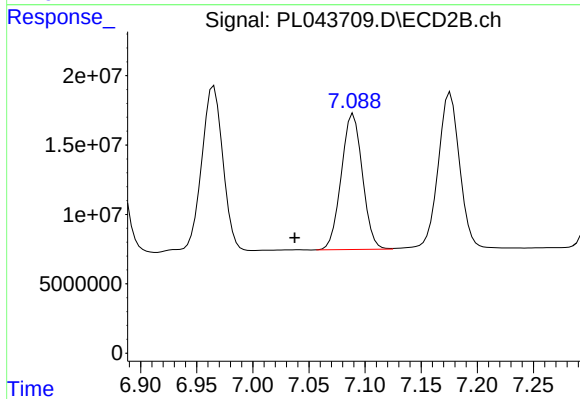
#26 Chlordane-4

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 168229790  
Conc: 316.88 ng/ml



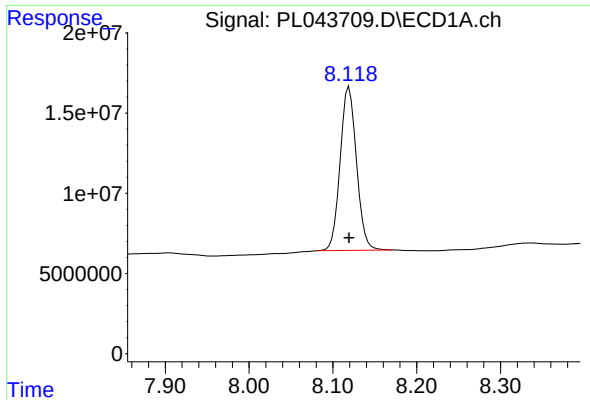
#27 Chlordane-5

R.T.: 6.204 min  
Delta R.T.: -0.005 min  
Response: 377432656  
Conc: 1390.66 ng/ml



#27 Chlordane-5

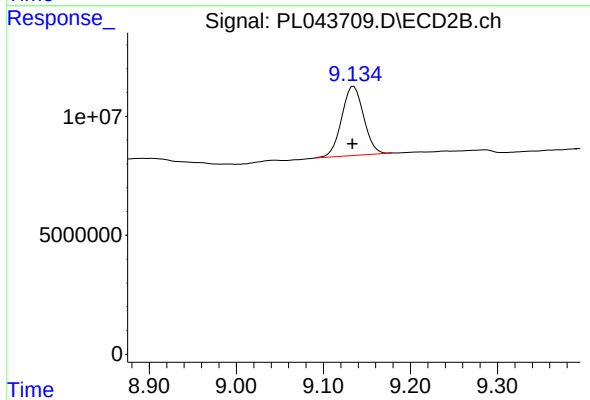
R.T.: 7.090 min  
Delta R.T.: 0.052 min  
Response: 128195078  
Conc: 1231.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.119 min  
Delta R.T.: 0.000 min  
Response: 138349612  
Conc: 19.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.135 min  
Delta R.T.: 0.002 min  
Response: 51306968  
Conc: 19.02 ng/ml