

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122818\  
 Data File : PL043509.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Dec 2018 17:56  
 Operator : AJ\SJ  
 Sample : J6193-12MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-02-122718-AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 22:34:05 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 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... | 3.464 | 4.100 | 141.8E6  | 78488967 | 23.128   | 26.482     |
| 28)                         | SA Decachlor... | 8.200 | 9.230 | 132.5E6  | 57524263 | 20.292   | 22.053     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.903 | 4.495 | 573.1E6  | 273.2E6  | 60.626   | 60.403     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.784 | 520.3E6  | 254.1E6  | 60.257   | 60.578     |
| 4)                          | MA Heptachlor   | 4.481 | 5.300 | 507.1E6  | 242.9E6  | 57.154   | 59.296     |
| 5)                          | MB Aldrin       | 4.727 | 5.608 | 483.4E6  | 244.3E6  | 57.012   | 59.854     |
| 6)                          | B beta-BHC      | 4.441 | 4.954 | 211.7E6  | 108.4E6  | 57.389   | 64.048     |
| 7)                          | B delta-BHC     | 4.642 | 5.175 | 433.0E6  | 221.8E6  | 53.466   | 51.614     |
| 8)                          | B Heptachlor... | 5.170 | 5.997 | 461.1E6  | 225.6E6  | 58.170   | 59.496     |
| 9)                          | A Endosulfan I  | 5.508 | 6.357 | 422.6E6  | 205.0E6  | 57.688   | 60.374     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.232 | 462.7E6  | 224.3E6  | 57.395   | 61.050     |
| 11)                         | B alpha-Chl...  | 5.453 | 6.305 | 451.3E6  | 219.7E6  | 56.846   | 61.078     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.460 | 416.7E6  | 219.3E6  | 60.189   | 60.515     |
| 13)                         | MA Dieldrin     | 5.750 | 6.615 | 452.3E6  | 219.6E6  | 58.176   | 60.570     |
| 14)                         | MA Endrin       | 6.007 | 6.834 | 390.0E6  | 177.7E6  | 54.170   | 56.926     |
| 15)                         | B Endosulfa...  | 6.282 | 7.043 | 365.9E6  | 178.2E6  | 55.001   | 58.864     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.952 | 338.4E6  | 173.9E6  | 59.675   | 59.311     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.252 | 303.2E6  | 153.1E6  | 50.972   | 52.128     |
| 18)                         | B Endrin al...  | 6.450 | 7.168 | 300.9E6  | 145.7E6  | 54.599   | 58.074     |
| 19)                         | B Endosulfa...  | 6.662 | 7.391 | 362.1E6  | 167.6E6  | 54.054   | 55.731     |
| 20)                         | A Methoxychlor  | 6.919 | 7.709 | 167.4E6  | 76068174 | 49.877   | 50.432     |
| 21)                         | B Endrin ke...  | 7.152 | 7.866 | 396.6E6  | 173.5E6  | 54.853   | 56.759     |
| 23)                         | Chlordane-1     | 4.378 | 5.175 | 15066545 | 221.8E6  | 56.071   | 1569.429 # |
| 24)                         | Chlordane-2     | 0.000 | 5.608 | 0        | 244.3E6  | N.D.     | 1703.281 # |
| 25)                         | Chlordane-3     | 5.396 | 6.232 | 462.7E6  | 224.3E6  | 556.782  | 456.695    |
| 26)                         | Chlordane-4     | 5.453 | 6.305 | 451.3E6  | 219.7E6  | 596.894  | 384.870 #  |
| 27)                         | Chlordane-5     | 6.282 | 7.168 | 365.9E6  | 145.7E6  | 1525.392 | 1242.470   |
| -----                       |                 |       |       |          |          |          |            |

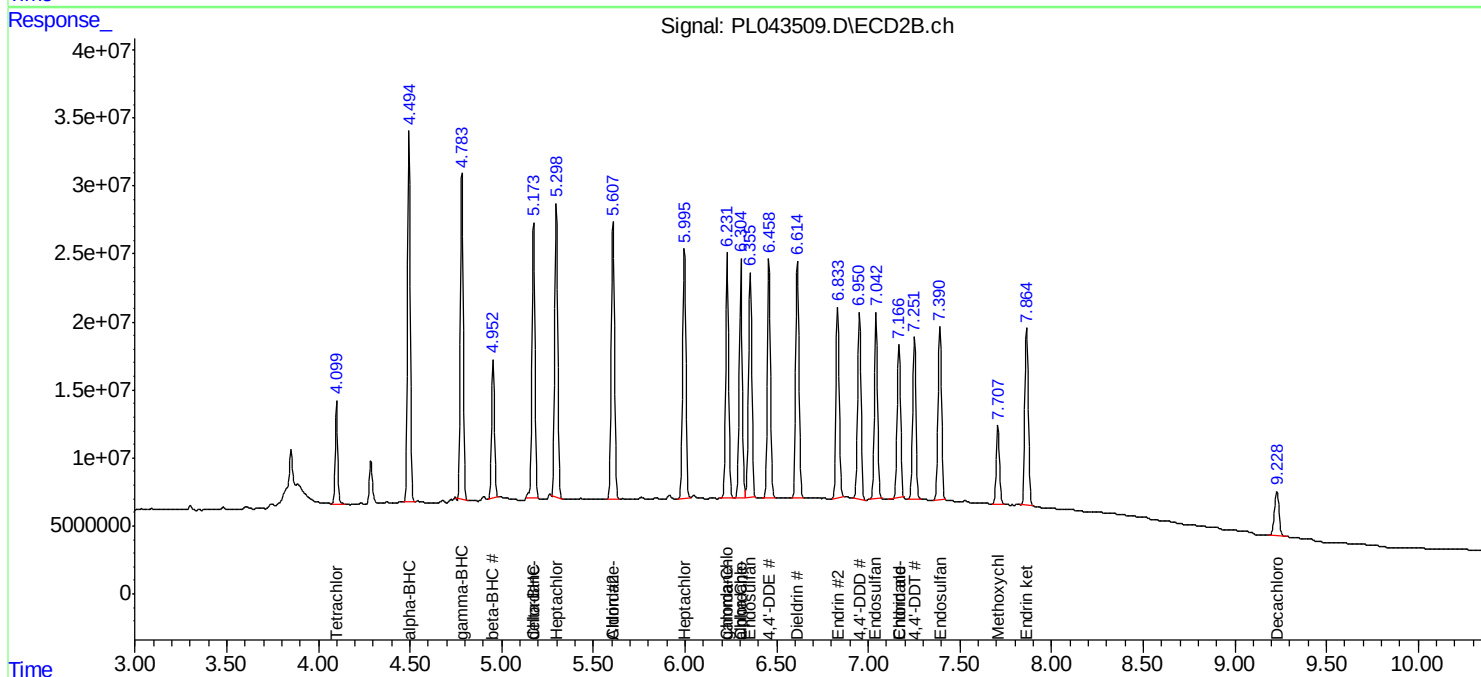
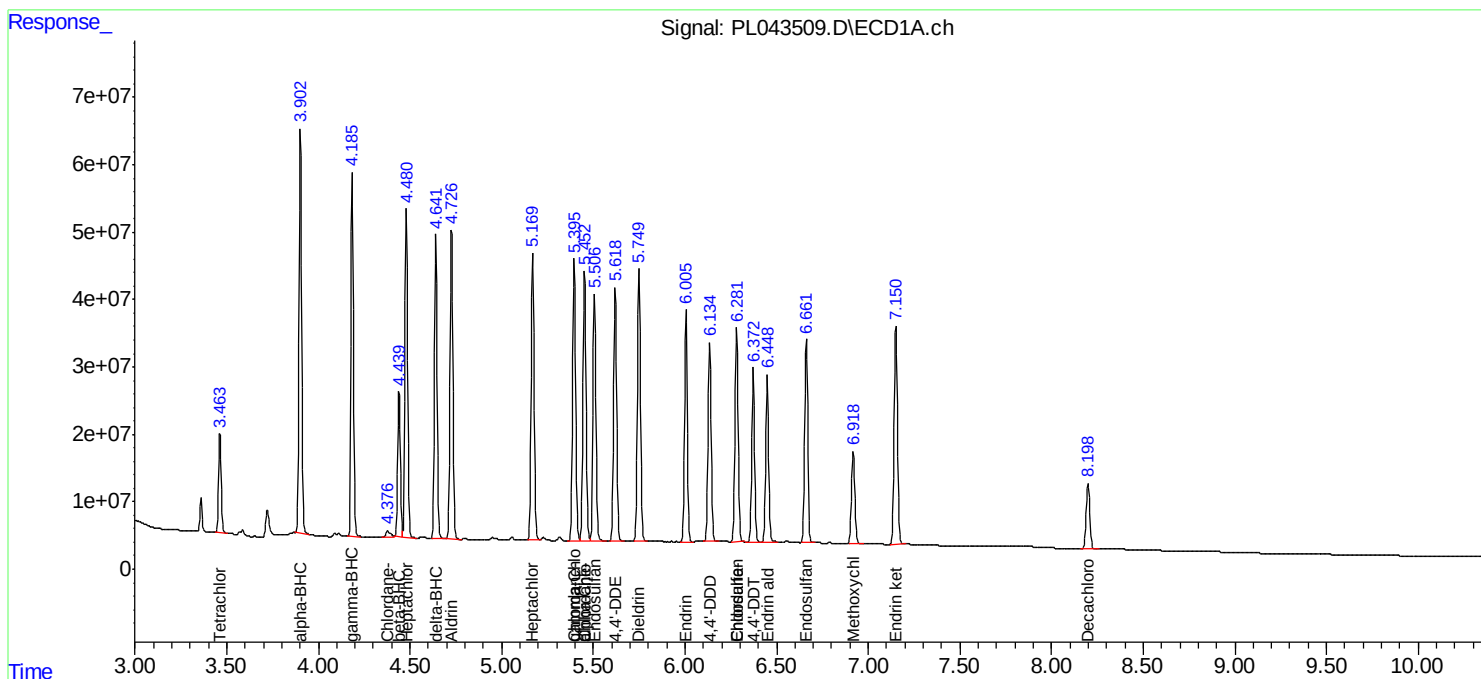
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

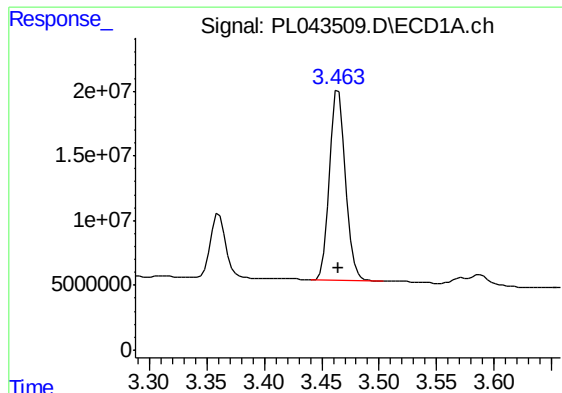
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122818\  
Data File : PL043509.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Dec 2018 17:56  
Operator : AJ\SJ  
Sample : J6193-12MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 22:34:05 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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

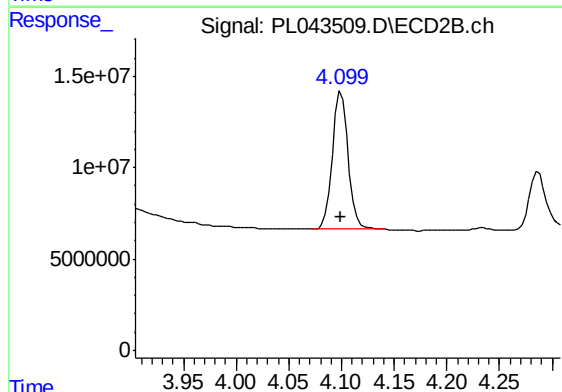




#1 Tetrachloro-m-xylene

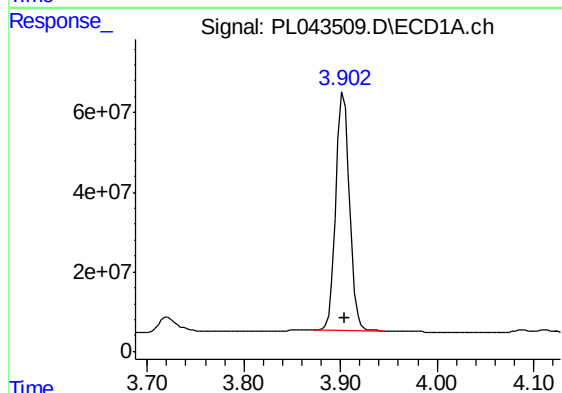
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 141839659  
Conc: 23.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



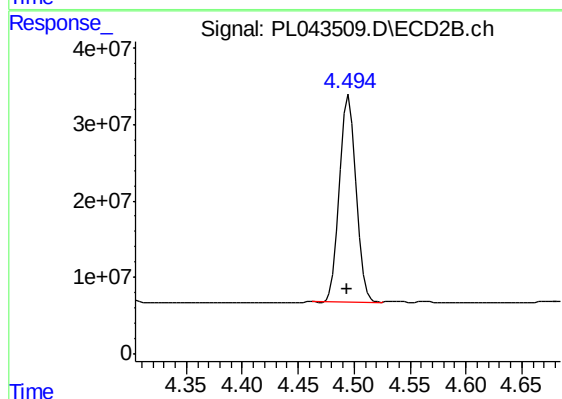
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 78488967  
Conc: 26.48 ng/ml



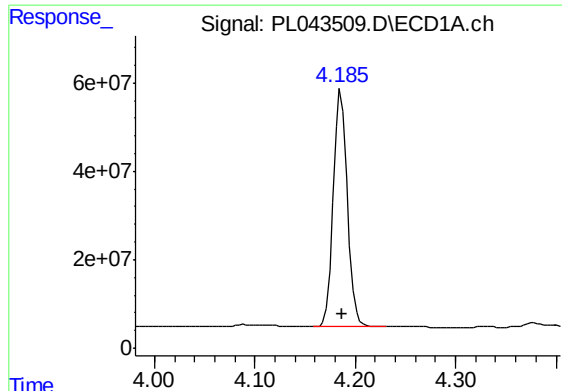
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 573123291  
Conc: 60.63 ng/ml



#2 alpha-BHC

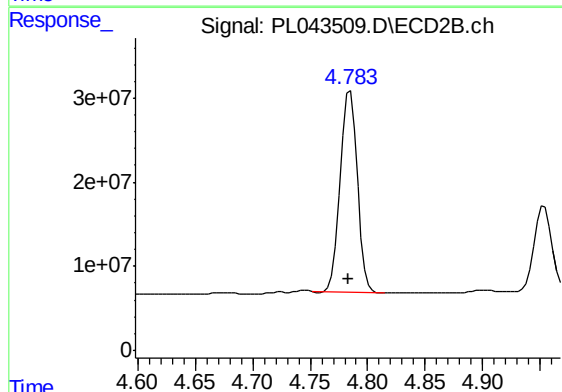
R.T.: 4.495 min  
Delta R.T.: 0.001 min  
Response: 273232829  
Conc: 60.40 ng/ml



#3 gamma-BHC (Lindane)

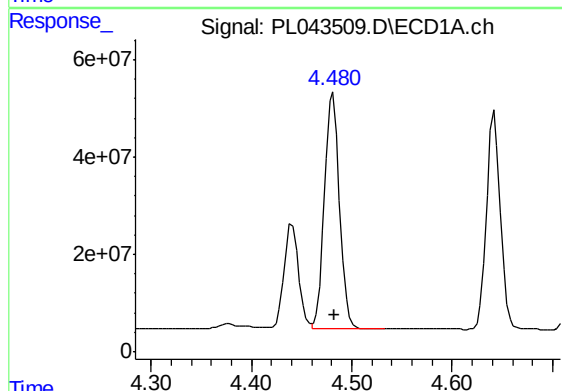
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 520287965  
Conc: 60.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



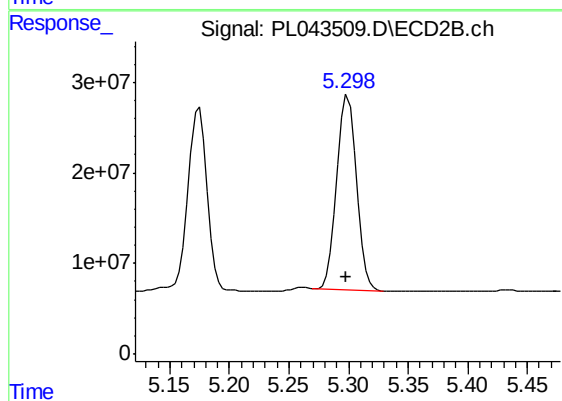
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.002 min  
Response: 254077621  
Conc: 60.58 ng/ml



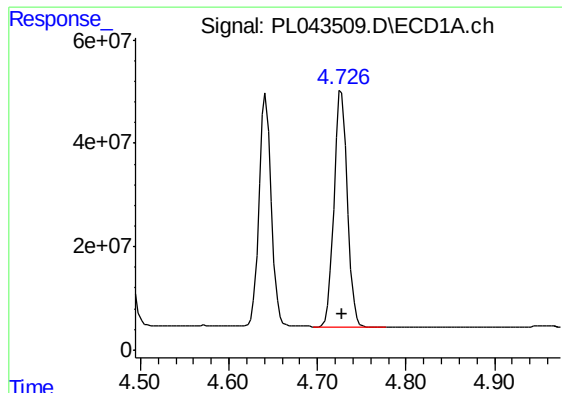
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 507103703  
Conc: 57.15 ng/ml



#4 Heptachlor

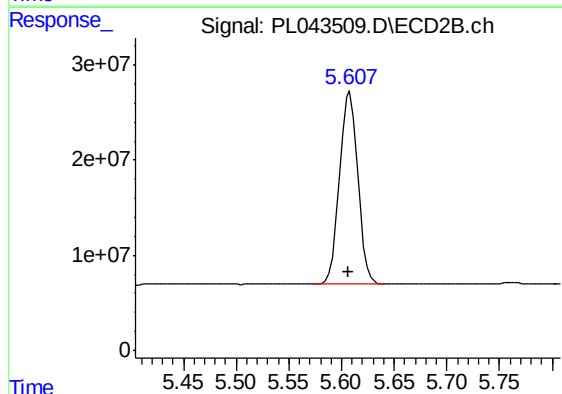
R.T.: 5.300 min  
Delta R.T.: 0.001 min  
Response: 242898324  
Conc: 59.30 ng/ml



#5 Aldrin

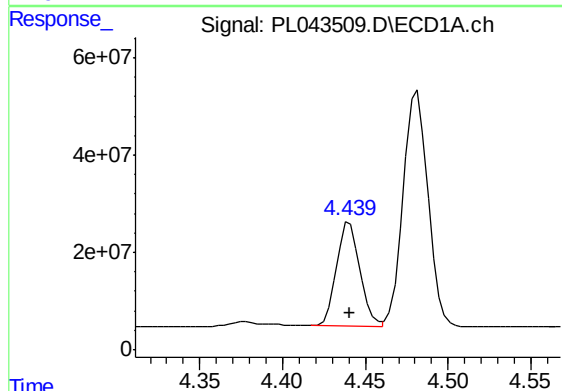
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 483381330  
Conc: 57.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



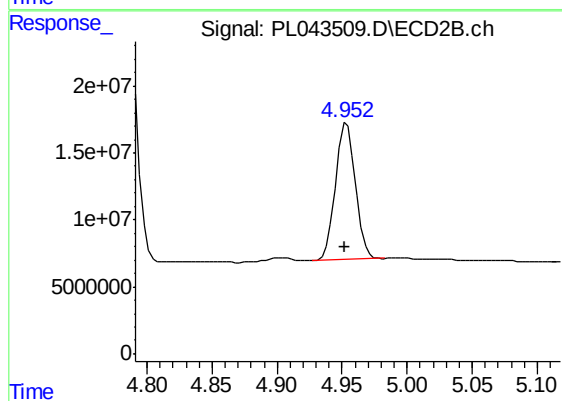
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.001 min  
Response: 244321868  
Conc: 59.85 ng/ml



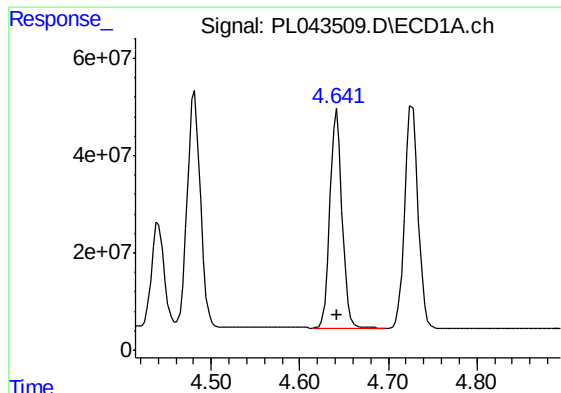
#6 beta-BHC

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 211678253  
Conc: 57.39 ng/ml



#6 beta-BHC

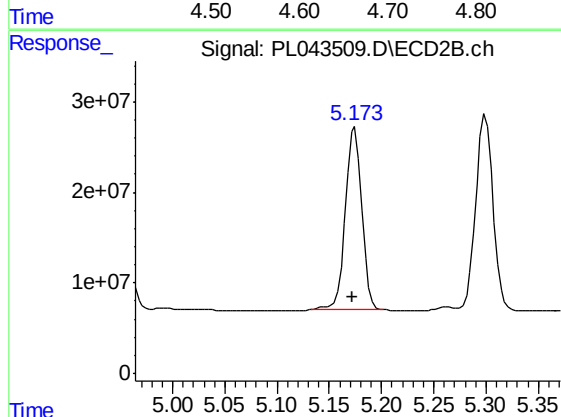
R.T.: 4.954 min  
Delta R.T.: 0.002 min  
Response: 108429004  
Conc: 64.05 ng/ml



#7 delta-BHC

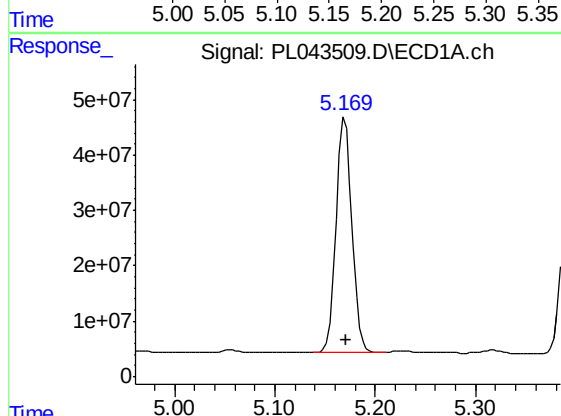
R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 432981339  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



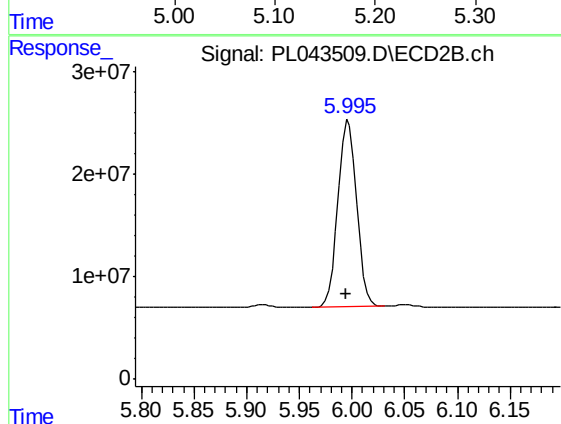
#7 delta-BHC

R.T.: 5.175 min  
Delta R.T.: 0.002 min  
Response: 221812164  
Conc: 51.61 ng/ml



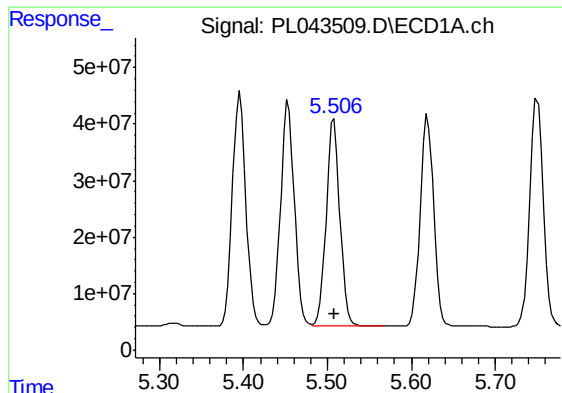
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 461107513  
Conc: 58.17 ng/ml



#8 Heptachlor epoxide

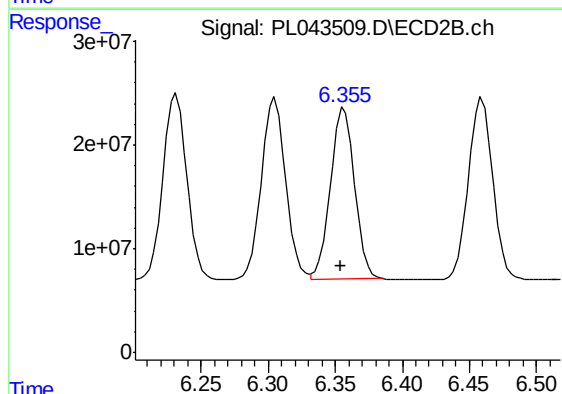
R.T.: 5.997 min  
Delta R.T.: 0.002 min  
Response: 225610173  
Conc: 59.50 ng/ml



#9 Endosulfan I

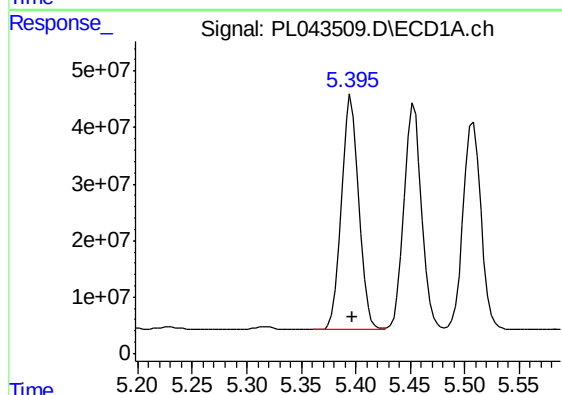
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 422608476  
Conc: 57.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



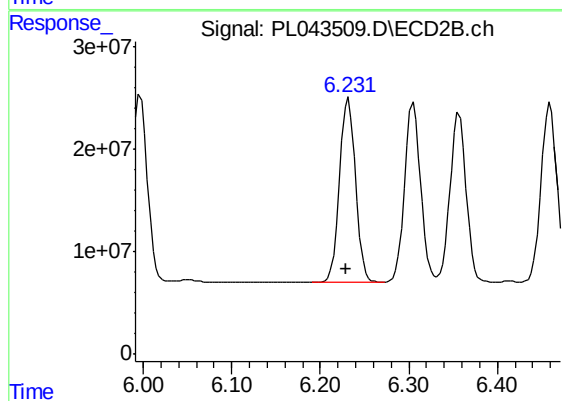
#9 Endosulfan I

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 204988814  
Conc: 60.37 ng/ml



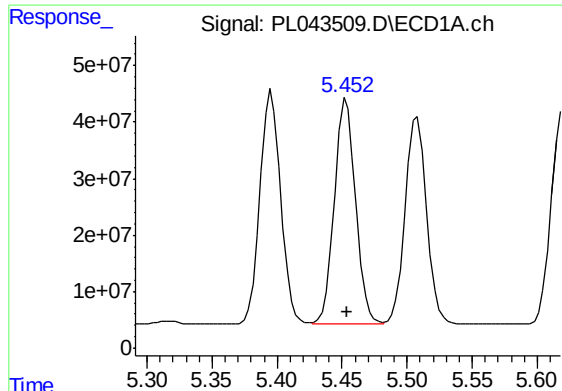
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 462709038  
Conc: 57.40 ng/ml



#10 gamma-Chlordane

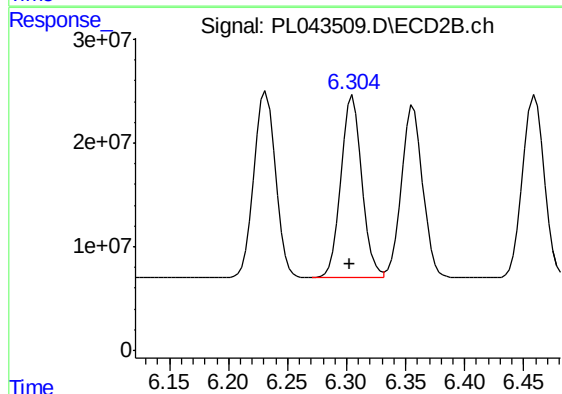
R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 224271168  
Conc: 61.05 ng/ml



#11 alpha-Chlordane

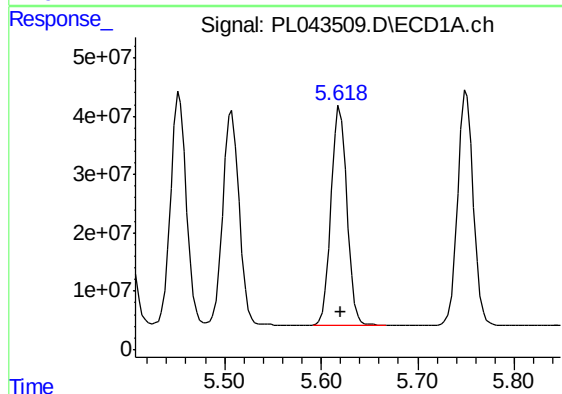
R.T.: 5.453 min  
Delta R.T.: 0.000 min  
Response: 451310479  
Conc: 56.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



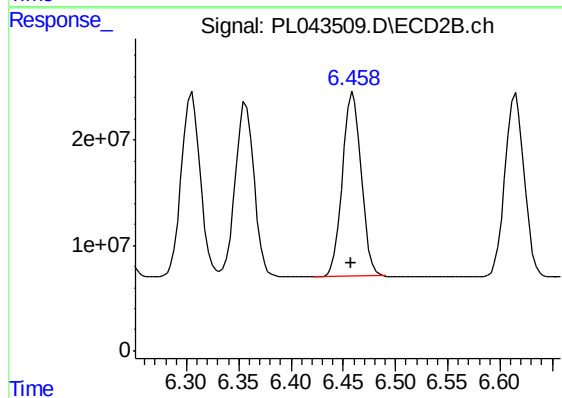
#11 alpha-Chlordane

R.T.: 6.305 min  
Delta R.T.: 0.002 min  
Response: 219664429  
Conc: 61.08 ng/ml



#12 4,4'-DDE

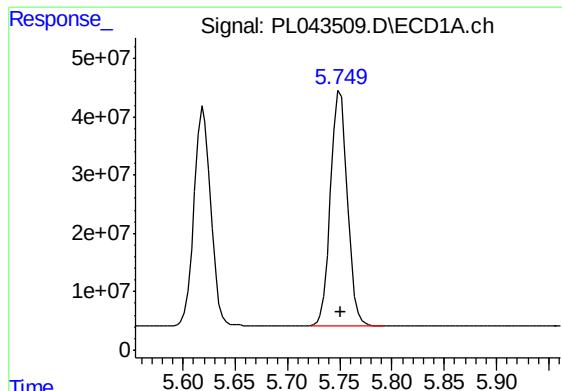
R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 416686839  
Conc: 60.19 ng/ml



#12 4,4'-DDE

R.T.: 6.460 min  
Delta R.T.: 0.002 min  
Response: 219290476  
Conc: 60.51 ng/ml

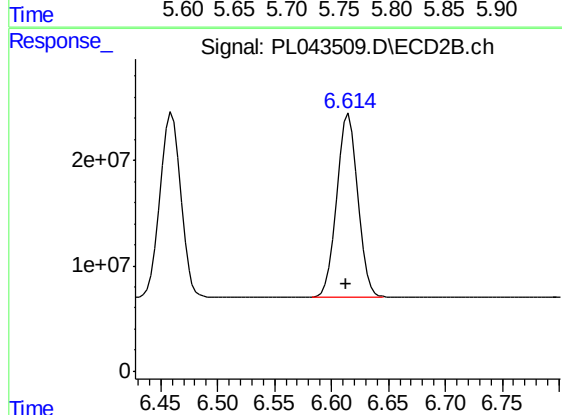




#13 Dieldrin

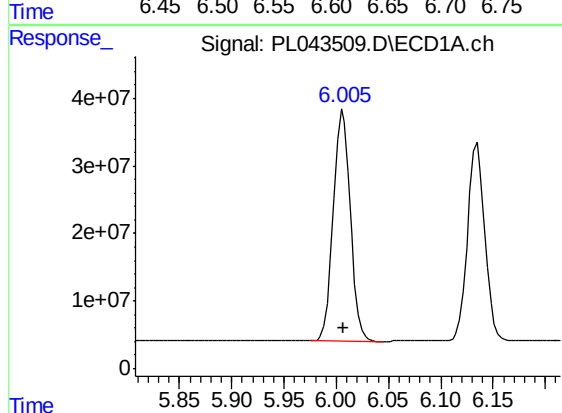
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 452307034  
Conc: 58.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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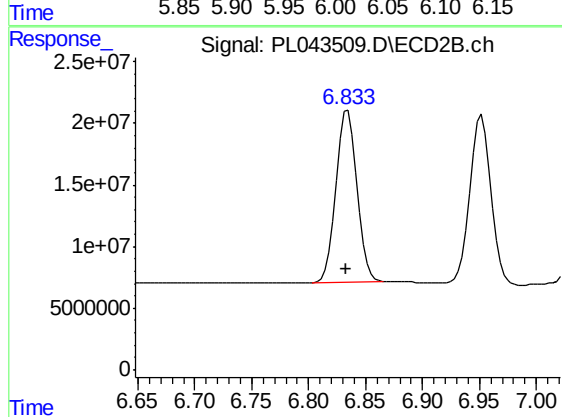
#13 Dieldrin

R.T.: 6.615 min  
Delta R.T.: 0.002 min  
Response: 219608586  
Conc: 60.57 ng/ml



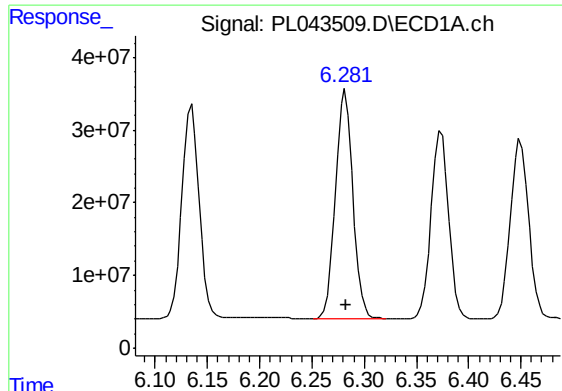
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 390049066  
Conc: 54.17 ng/ml



#14 Endrin

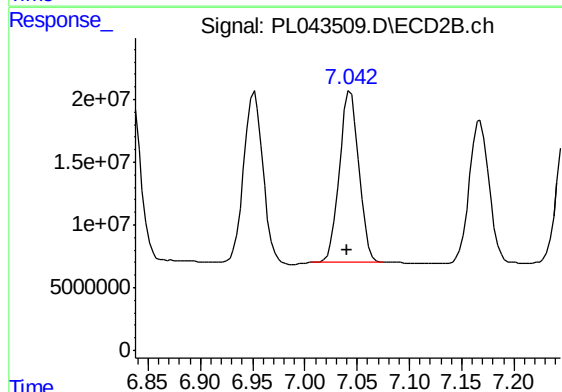
R.T.: 6.834 min  
Delta R.T.: 0.002 min  
Response: 177719619  
Conc: 56.93 ng/ml



#15 Endosulfan II

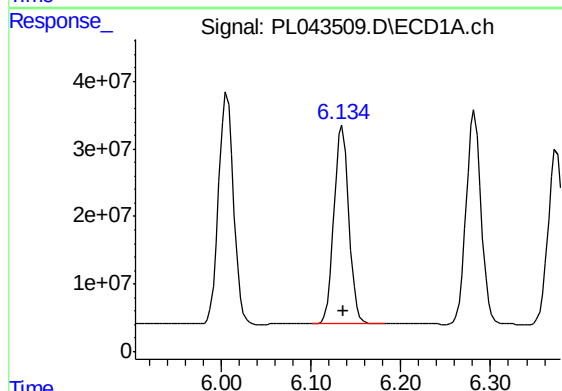
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 365872867  
Conc: 55.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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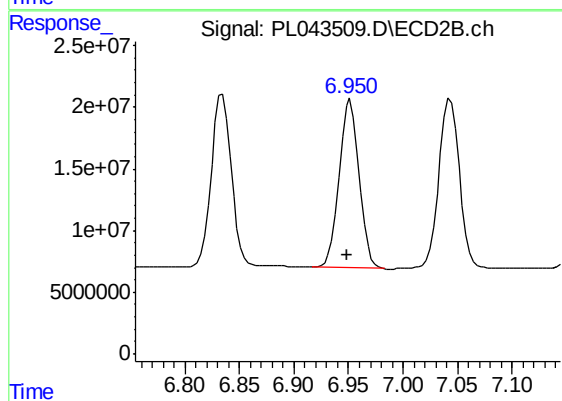
#15 Endosulfan II

R.T.: 7.043 min  
Delta R.T.: 0.003 min  
Response: 178235463  
Conc: 58.86 ng/ml



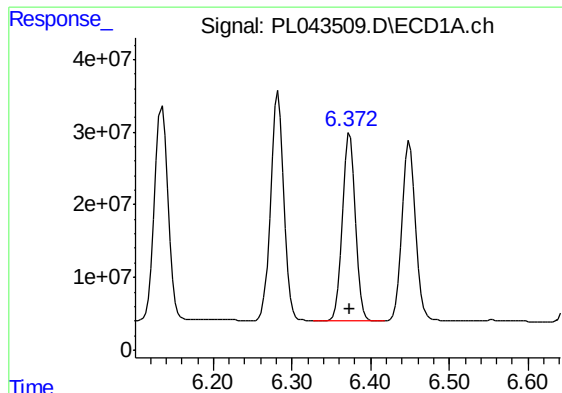
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 338418981  
Conc: 59.67 ng/ml



#16 4,4'-DDD

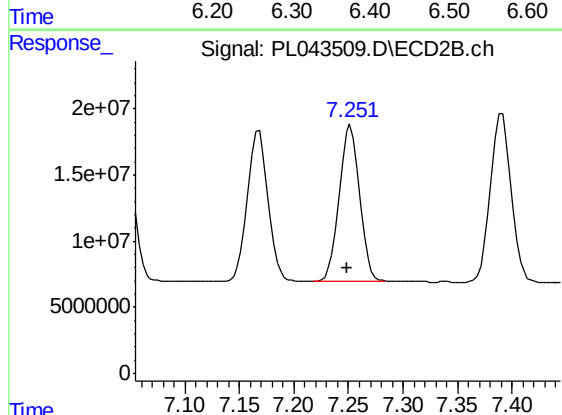
R.T.: 6.952 min  
Delta R.T.: 0.002 min  
Response: 173935243  
Conc: 59.31 ng/ml



#17 4,4'-DDT

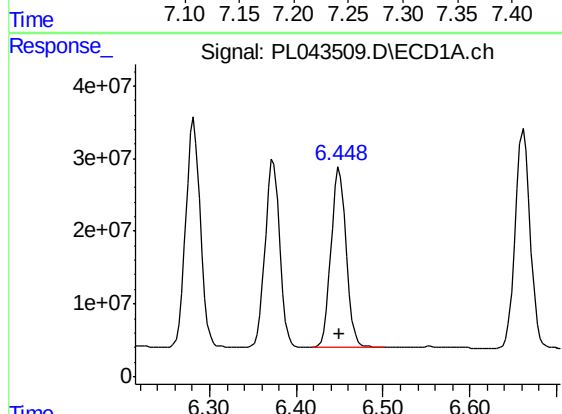
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 303227030  
Conc: 50.97 ng/ml

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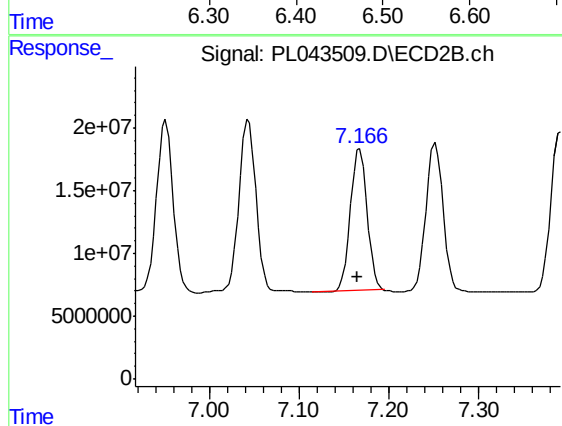
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.003 min  
Response: 153104057  
Conc: 52.13 ng/ml



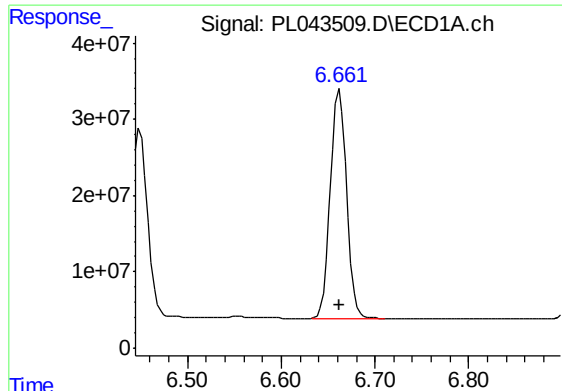
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 300879168  
Conc: 54.60 ng/ml



#18 Endrin aldehyde

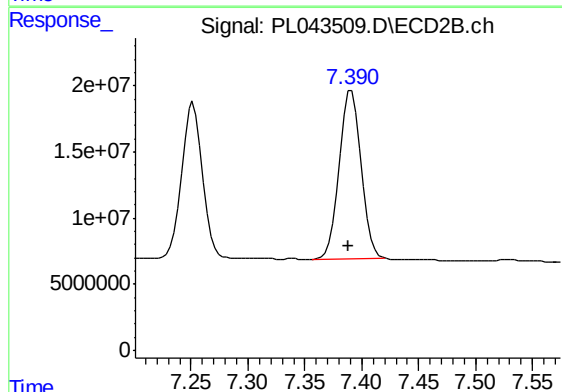
R.T.: 7.168 min  
Delta R.T.: 0.003 min  
Response: 145665989  
Conc: 58.07 ng/ml



#19 Endosulfan Sulfate

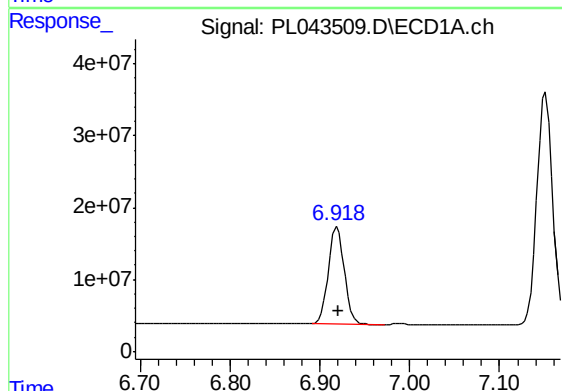
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 362094435  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



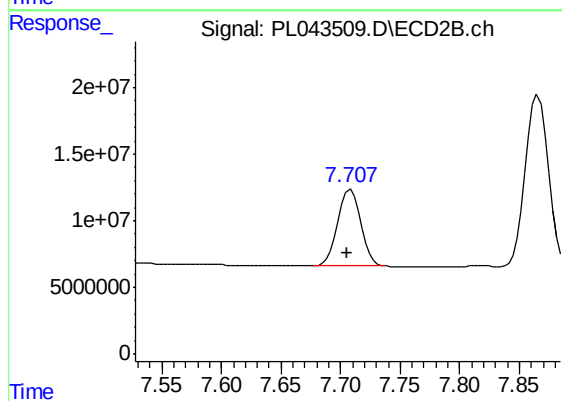
#19 Endosulfan Sulfate

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 167561446  
Conc: 55.73 ng/ml



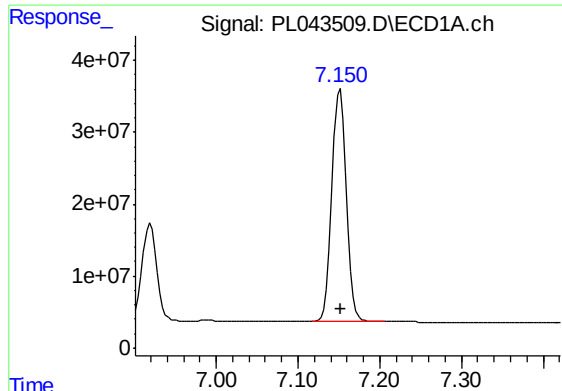
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 167355972  
Conc: 49.88 ng/ml



#20 Methoxychlor

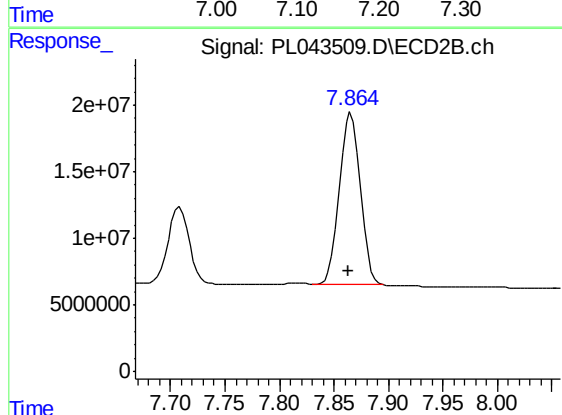
R.T.: 7.709 min  
Delta R.T.: 0.003 min  
Response: 76068174  
Conc: 50.43 ng/ml



#21 Endrin ketone

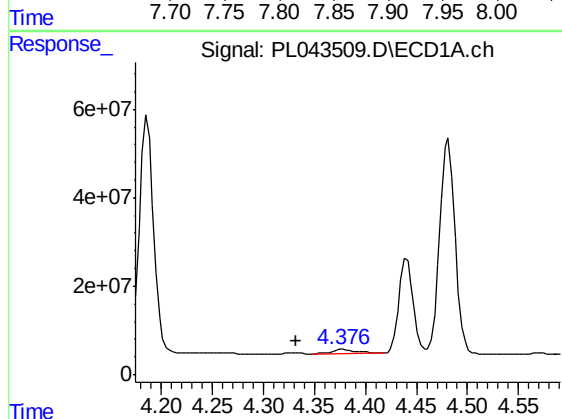
R.T.: 7.152 min  
Delta R.T.: -0.001 min  
Response: 396627727  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



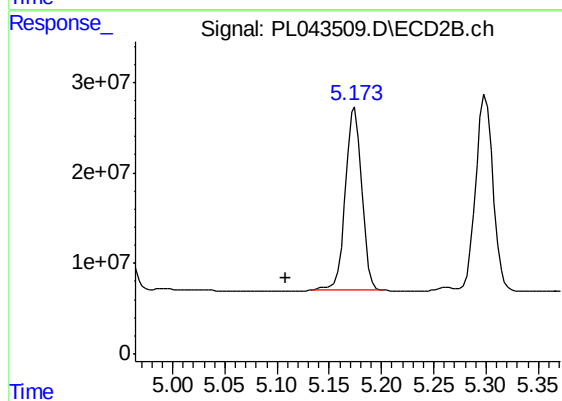
#21 Endrin ketone

R.T.: 7.866 min  
Delta R.T.: 0.003 min  
Response: 173489175  
Conc: 56.76 ng/ml



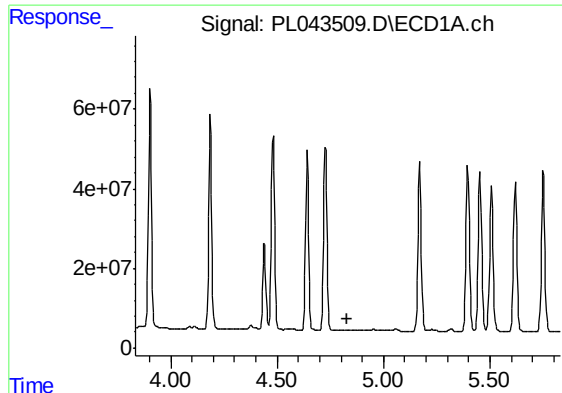
#23 Chlordane-1

R.T.: 4.378 min  
Delta R.T.: 0.046 min  
Response: 15066545  
Conc: 56.07 ng/ml



#23 Chlordane-1

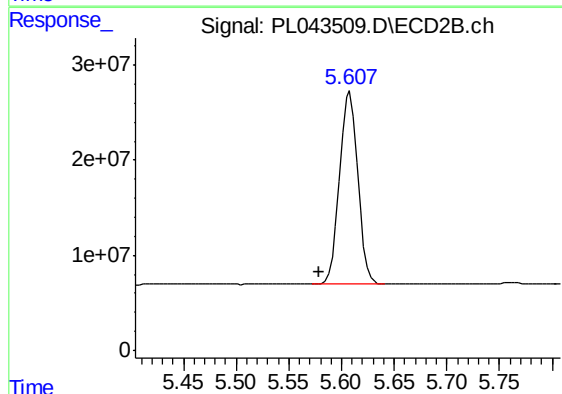
R.T.: 5.175 min  
Delta R.T.: 0.067 min  
Response: 221812164  
Conc: 1569.43 ng/ml



#24 Chlordane-2

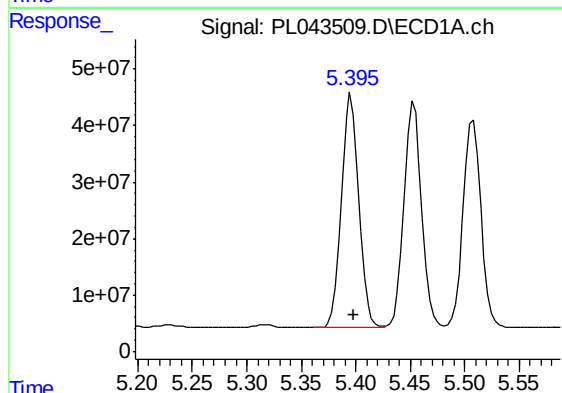
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



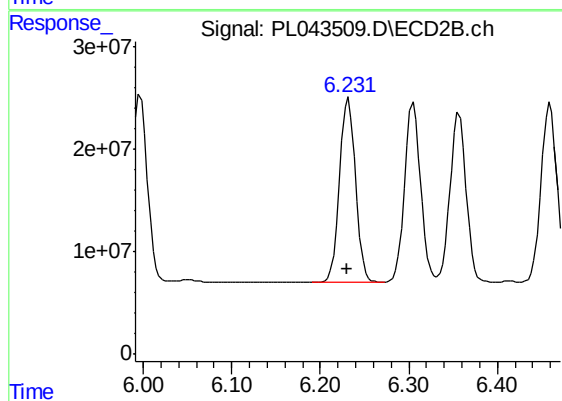
#24 Chlordane-2

R.T.: 5.608 min  
Delta R.T.: 0.029 min  
Response: 244321868  
Conc: 1703.28 ng/ml



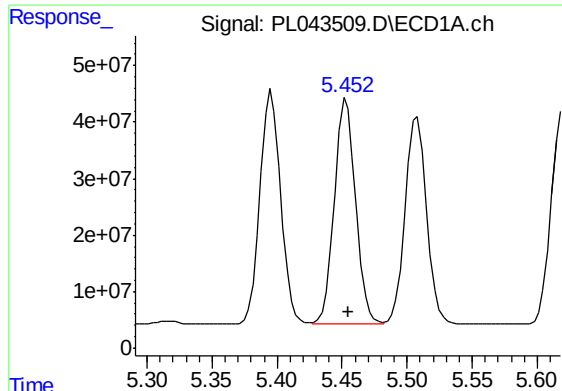
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 462709038  
Conc: 556.78 ng/ml



#25 Chlordane-3

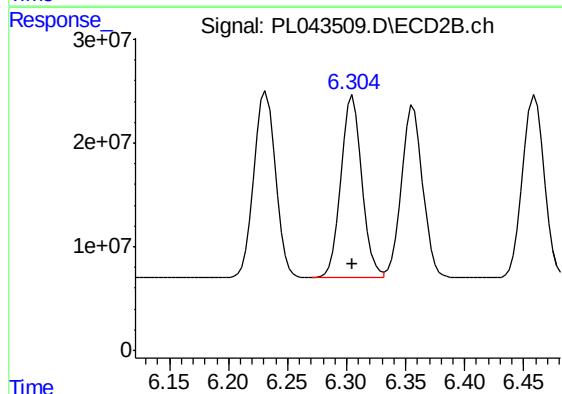
R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 224271168  
Conc: 456.70 ng/ml



#26 Chlordane-4

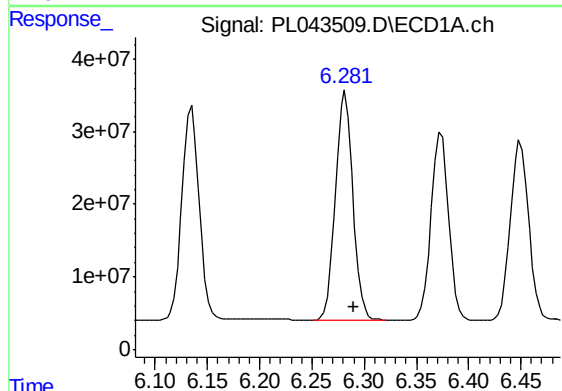
R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 451310479  
Conc: 596.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



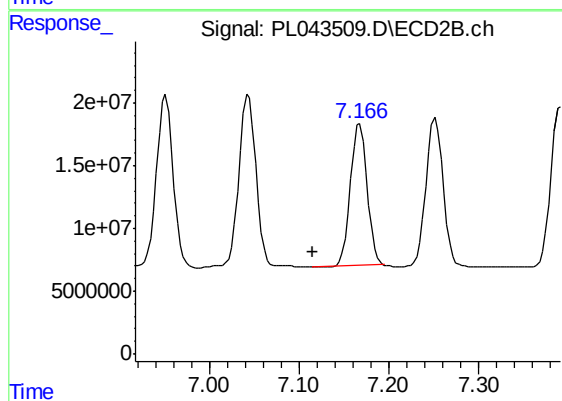
#26 Chlordane-4

R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 219664429  
Conc: 384.87 ng/ml



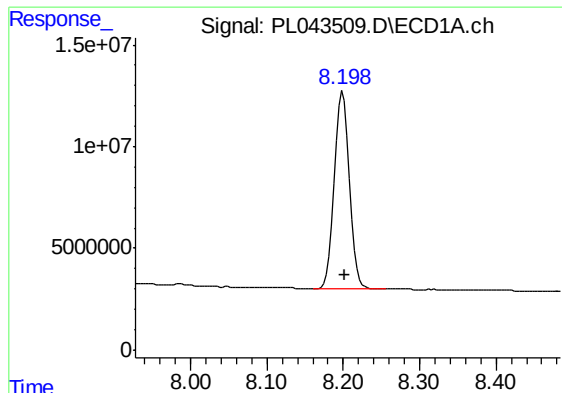
#27 Chlordane-5

R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 365872867  
Conc: 1525.39 ng/ml



#27 Chlordane-5

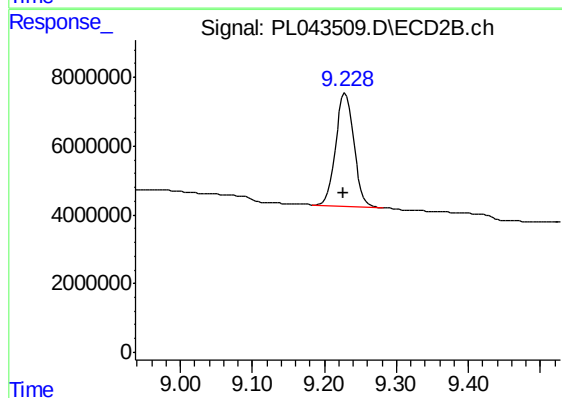
R.T.: 7.168 min  
Delta R.T.: 0.053 min  
Response: 145665989  
Conc: 1242.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: -0.002 min  
Response: 132505150  
Conc: 20.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-122718-AMS



#28 Decachlorobiphenyl

R.T.: 9.230 min  
Delta R.T.: 0.003 min  
Response: 57524263  
Conc: 22.05 ng/ml