

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042419\  
 Data File : PL047745.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2019 06:27  
 Operator : AJ\SJ  
 Sample : K2534-01MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EXT-074-SW065-042219MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 07:55:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 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... | 3.330 | 3.942 | 189.7E6  | 49088787 | 20.508   | 20.563     |
| 28)                         | SA Decachlor... | 8.003 | 8.981 | 173.4E6  | 49968994 | 15.487   | 17.505     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.759 | 4.331 | 735.1E6  | 170.2E6  | 50.285   | 51.283     |
| 3)                          | MA gamma-BHC... | 4.035 | 4.614 | 684.6E6  | 155.0E6  | 51.646   | 49.414     |
| 4)                          | MA Heptachlor   | 4.320 | 5.119 | 1014.6E6 | 228.0E6  | 71.209   | 67.828     |
| 5)                          | MB Aldrin       | 4.559 | 5.421 | 726.1E6  | 218.5E6  | 52.144   | 70.025 #   |
| 6)                          | B beta-BHC      | 4.288 | 4.788 | 274.7E6  | 72754331 | 48.619   | 50.495     |
| 7)                          | B delta-BHC     | 4.483 | 5.003 | 589.5E6  | 91762700 | 45.383   | 36.526     |
| 8)                          | B Heptachlor... | 4.996 | 5.806 | 658.8E6  | 175.2E6  | 51.406   | 62.686     |
| 9)                          | A Endosulfan I  | 5.328 | 6.163 | 584.5E6  | 126.2E6  | 48.331   | 44.953     |
| 10)                         | B gamma-Chl...  | 5.220 | 6.042 | 2370.6E6 | 439.9E6  | 178.059  | 145.357    |
| 11)                         | B alpha-Chl...  | 5.275 | 6.114 | 1702.0E6 | 485.1E6  | 130.435  | 160.338    |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.273 | 723.7E6  | 158.1E6  | 58.182   | 57.271     |
| 13)                         | MA Dieldrin     | 5.567 | 6.419 | 627.4E6  | 140.6E6  | 48.329   | 48.111     |
| 14)                         | MA Endrin       | 5.820 | 6.636 | 575.7E6  | 109.5E6  | 48.440   | 42.870     |
| 15)                         | B Endosulfa...  | 6.096 | 6.848 | 756.2E6  | 121.2E6  | 67.538   | 46.195 #   |
| 16)                         | A 4,4'-DDD      | 5.955 | 6.764 | 421.6E6  | 95631017 | 42.873   | 42.596     |
| 17)                         | MA 4,4'-DDT     | 6.189 | 7.060 | 544.6E6  | 123.5E6  | 54.625   | 51.838     |
| 18)                         | B Endrin al...  | 6.262 | 6.971 | 402.3E6  | 92919718 | 42.634   | 40.219     |
| 19)                         | B Endosulfa...  | 6.473 | 7.194 | 455.7E6  | 110.4E6  | 40.886   | 40.331     |
| 20)                         | A Methoxychlor  | 6.735 | 7.521 | 222.3E6  | 62852125 | 41.793   | 44.825     |
| 21)                         | B Endrin ke...  | 6.955 | 7.663 | 496.6E6  | 122.7E6  | 41.876   | 43.655     |
| 22)                         | Mirex           | 7.130 | 8.114 | 371.7E6  | 97428261 | 39.595   | 41.871     |
| 23)                         | Chlordane-1     | 4.172 | 5.003 | 277.8E6  | 91762700 | 642.457  | 358.163 #  |
| 24)                         | Chlordane-2     | 4.663 | 5.421 | 291.0E6  | 218.5E6  | 611.866  | 702.319    |
| 25)                         | Chlordane-3     | 5.275 | 6.114 | 1702.0E6 | 485.1E6  | 1290.992 | 1637.563 # |
| 26)                         | Chlordane-4     | 5.328 | 6.163 | 584.5E6  | 126.2E6  | 475.668  | 458.351    |
| 27)                         | Chlordane-5     | 6.096 | 6.971 | 756.2E6  | 92919718 | 1783.544 | 412.324 #  |
| -----                       |                 |       |       |          |          |          |            |

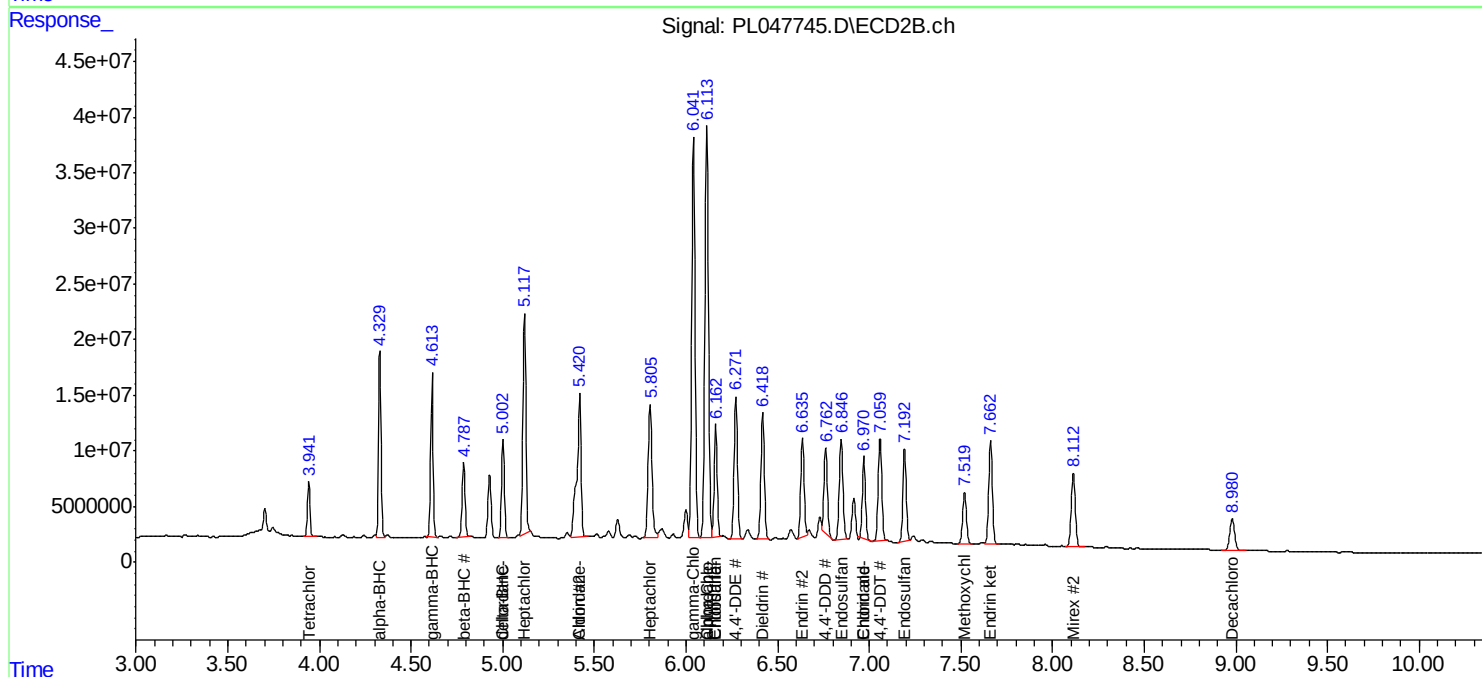
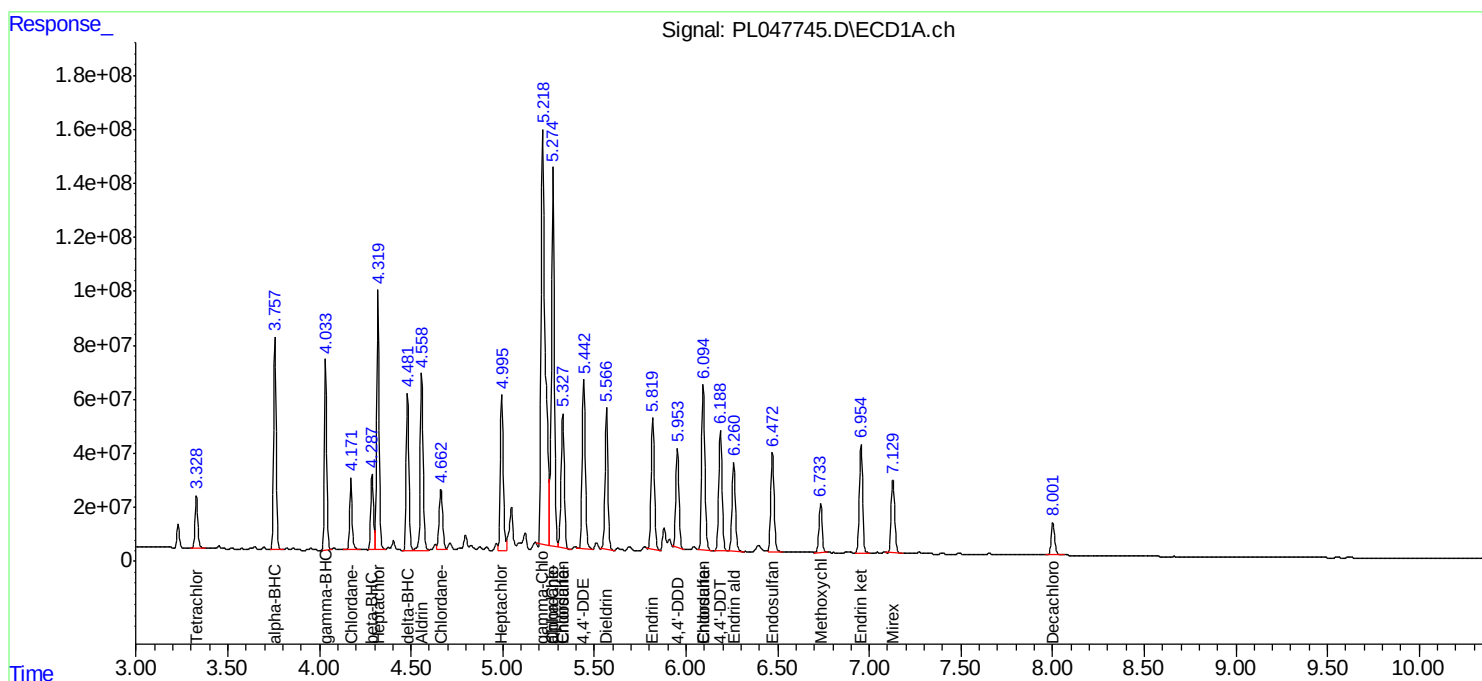
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

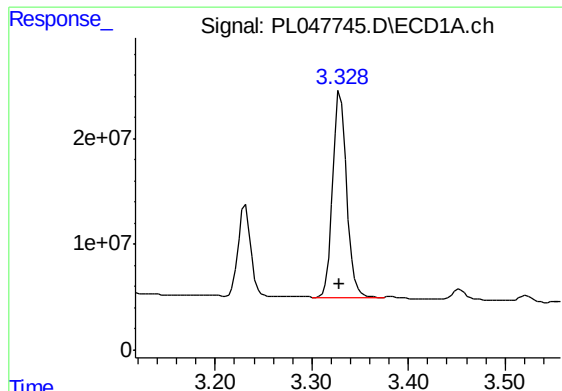
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042419\  
Data File : PL047745.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2019 06:27  
Operator : AJ\SJ  
Sample : K2534-01MS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 07:55:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 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

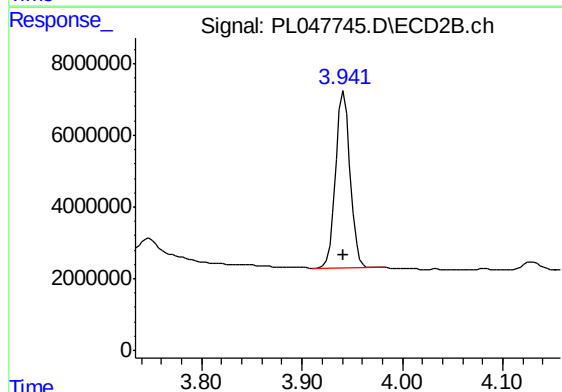




#1 Tetrachloro-m-xylene

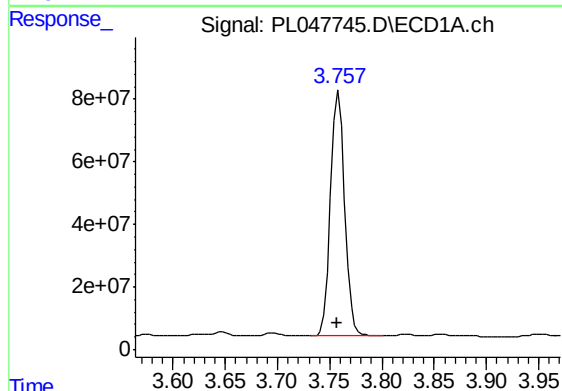
R.T.: 3.330 min  
Delta R.T.: 0.000 min  
Response: 189658814  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



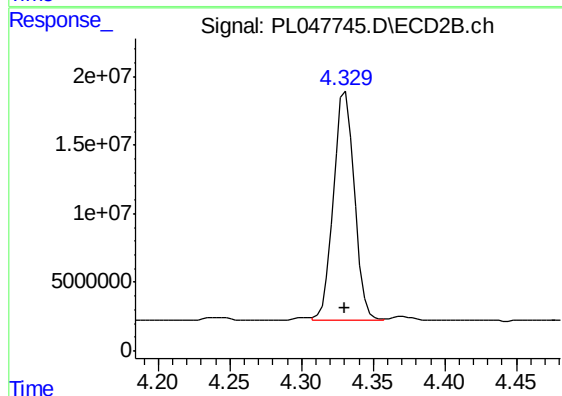
#1 Tetrachloro-m-xylene

R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 49088787  
Conc: 20.56 ng/ml



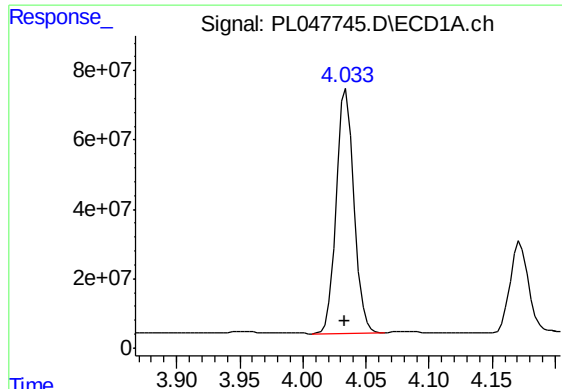
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.002 min  
Response: 735092809  
Conc: 50.29 ng/ml



#2 alpha-BHC

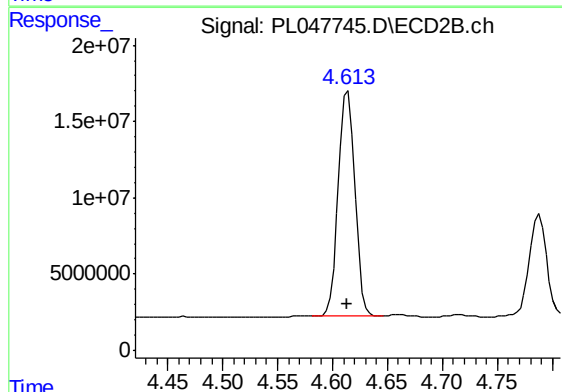
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 170193476  
Conc: 51.28 ng/ml



#3 gamma-BHC (Lindane)

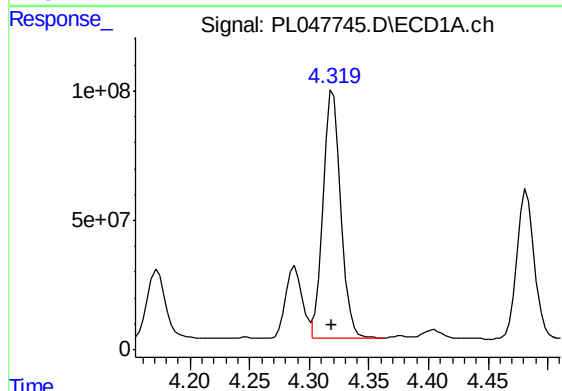
R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 684556793  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



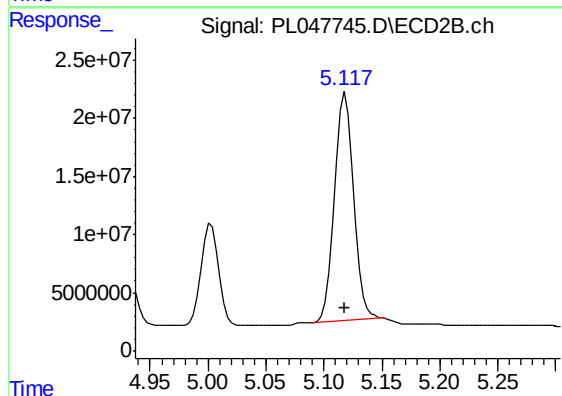
#3 gamma-BHC (Lindane)

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 154987394  
Conc: 49.41 ng/ml



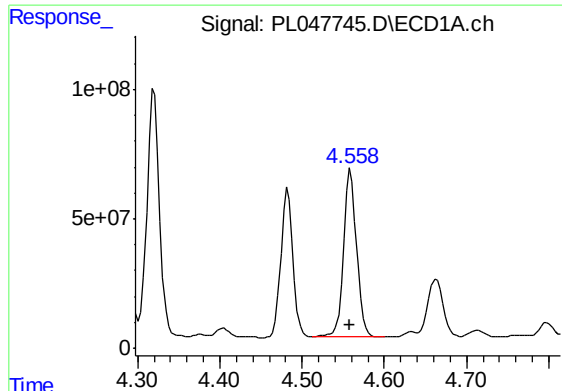
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.001 min  
Response: 1014599588  
Conc: 71.21 ng/ml



#4 Heptachlor

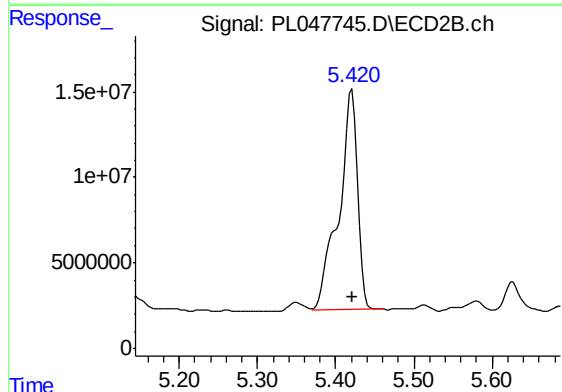
R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 227954113  
Conc: 67.83 ng/ml



#5 Aldrin

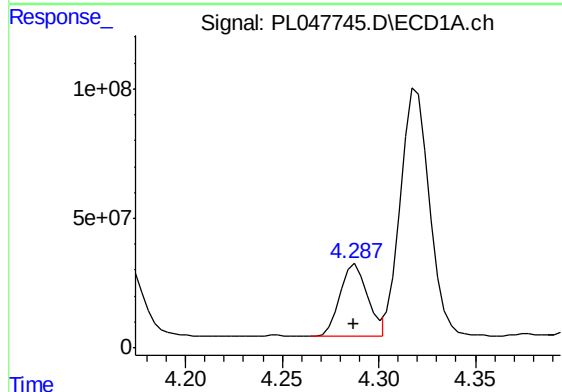
R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 726136121  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



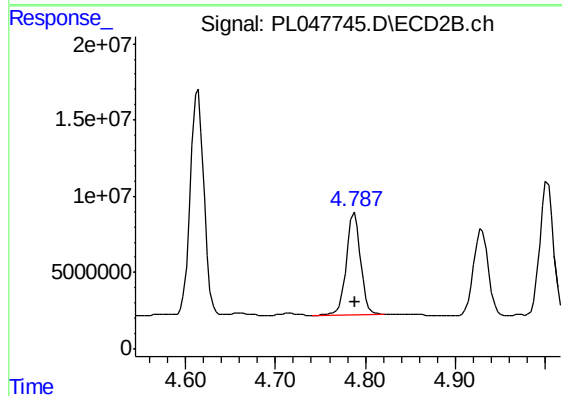
#5 Aldrin

R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 218547187  
Conc: 70.03 ng/ml



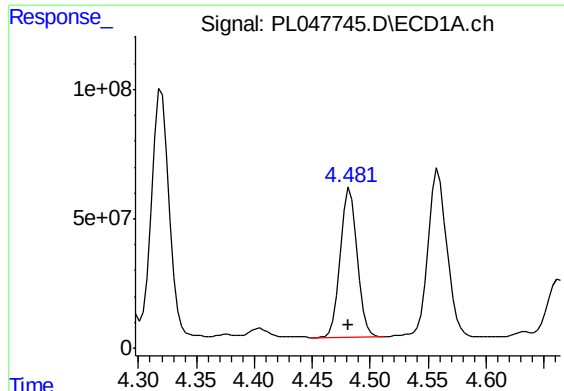
#6 beta-BHC

R.T.: 4.288 min  
Delta R.T.: 0.001 min  
Response: 274697450  
Conc: 48.62 ng/ml



#6 beta-BHC

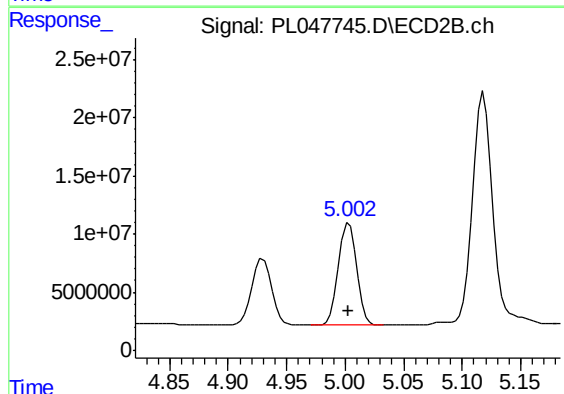
R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 72754331  
Conc: 50.49 ng/ml



#7 delta-BHC

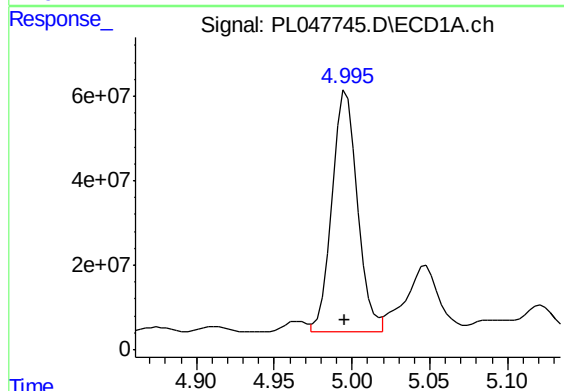
R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 589547539  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



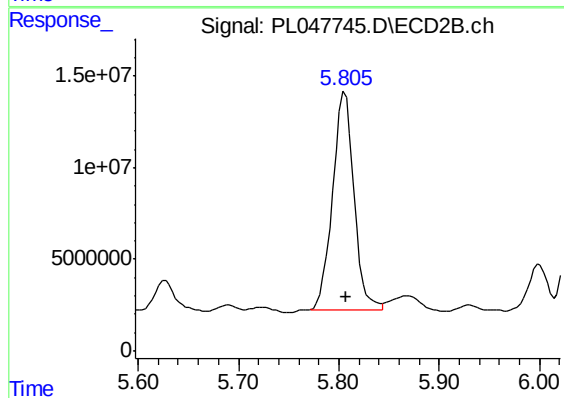
#7 delta-BHC

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 91762700  
Conc: 36.53 ng/ml



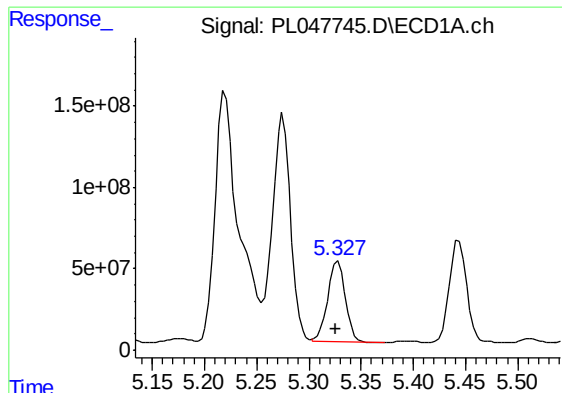
#8 Heptachlor epoxide

R.T.: 4.996 min  
Delta R.T.: 0.001 min  
Response: 658766116  
Conc: 51.41 ng/ml



#8 Heptachlor epoxide

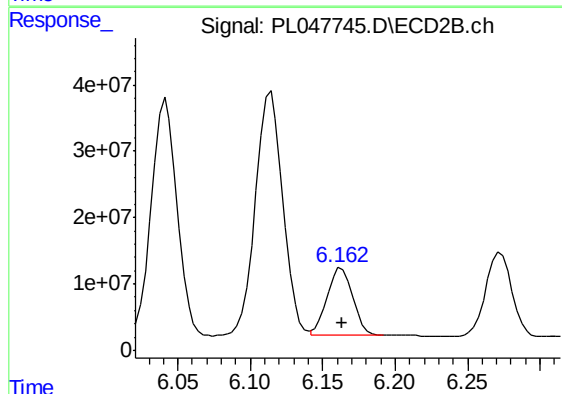
R.T.: 5.806 min  
Delta R.T.: -0.001 min  
Response: 175191380  
Conc: 62.69 ng/ml



#9 Endosulfan I

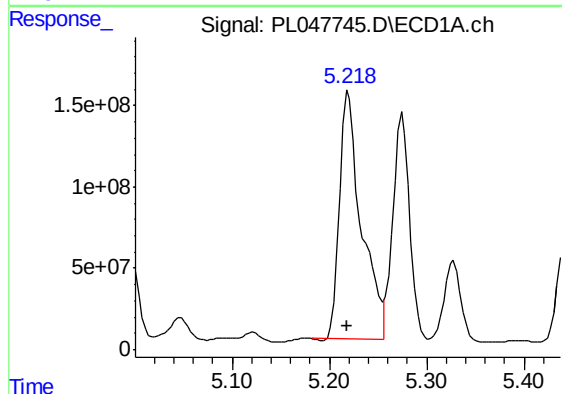
R.T.: 5.328 min  
Delta R.T.: 0.002 min  
Response: 584472413  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



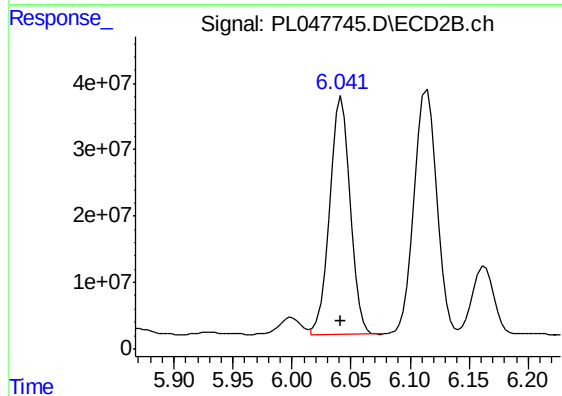
#9 Endosulfan I

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 126228574  
Conc: 44.95 ng/ml



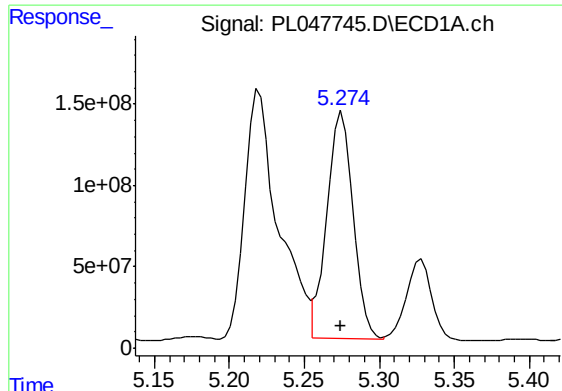
#10 gamma-Chlordane

R.T.: 5.220 min  
Delta R.T.: 0.002 min  
Response: 2370583875  
Conc: 178.06 ng/ml



#10 gamma-Chlordane

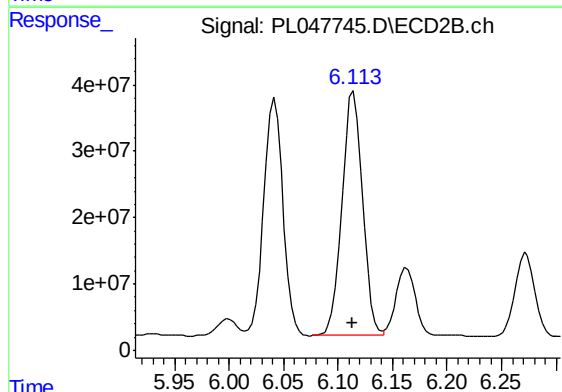
R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 439900615  
Conc: 145.36 ng/ml



#11 alpha-Chlordane

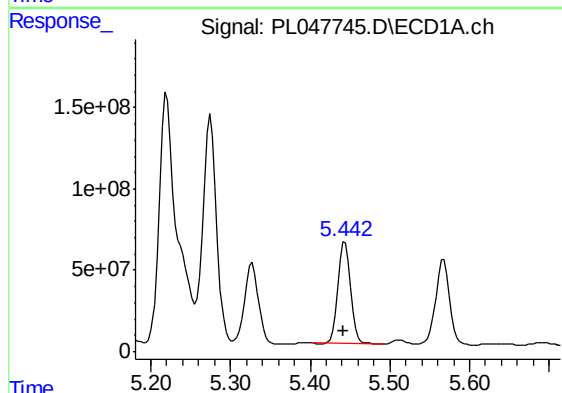
R.T.: 5.275 min  
Delta R.T.: 0.001 min  
Response: 1702009674  
Conc: 130.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



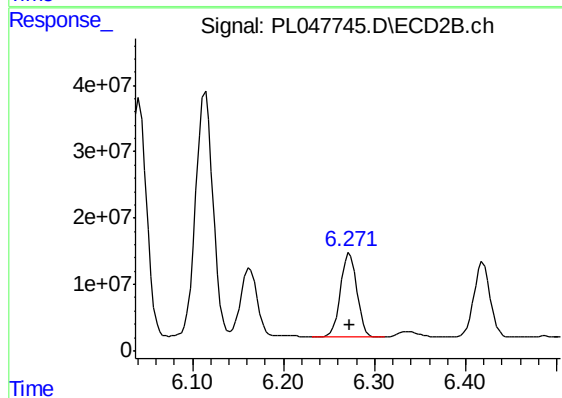
#11 alpha-Chlordane

R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 485088972  
Conc: 160.34 ng/ml



#12 4,4'-DDE

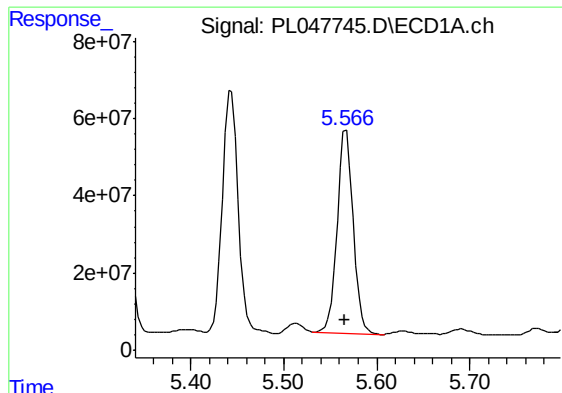
R.T.: 5.444 min  
Delta R.T.: 0.001 min  
Response: 723722025  
Conc: 58.18 ng/ml



#12 4,4'-DDE

R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 158145417  
Conc: 57.27 ng/ml

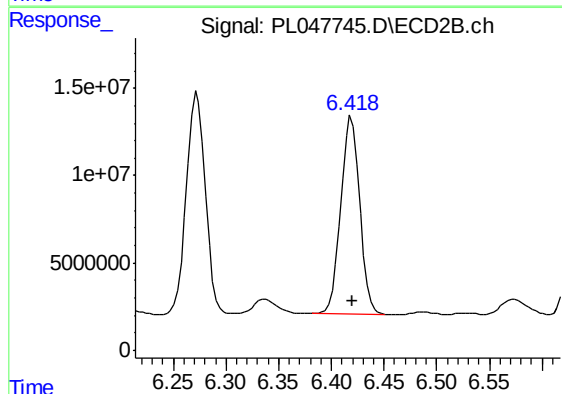




#13 Dielldrin

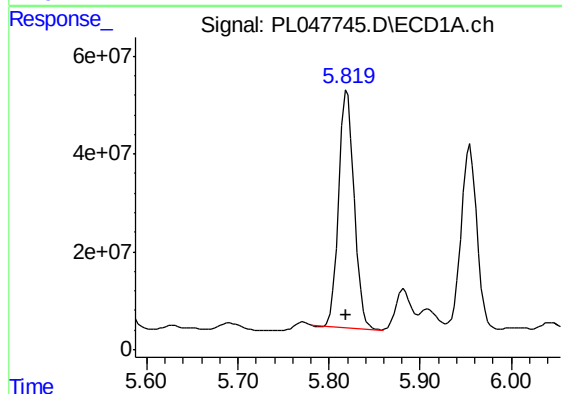
R.T.: 5.567 min  
Delta R.T.: 0.001 min  
Response: 627396276  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



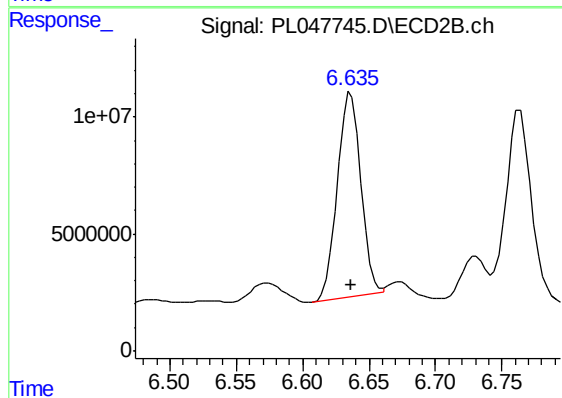
#13 Dielldrin

R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 140647057  
Conc: 48.11 ng/ml



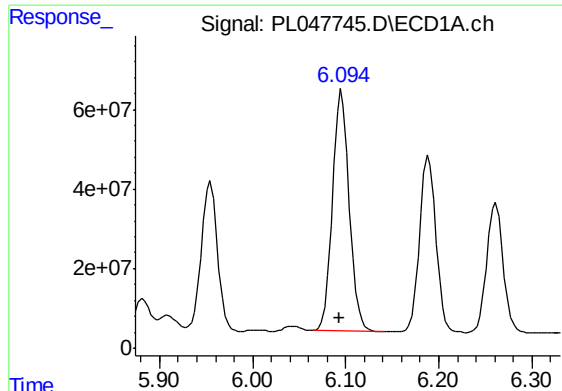
#14 Endrin

R.T.: 5.820 min  
Delta R.T.: 0.002 min  
Response: 575653611  
Conc: 48.44 ng/ml



#14 Endrin

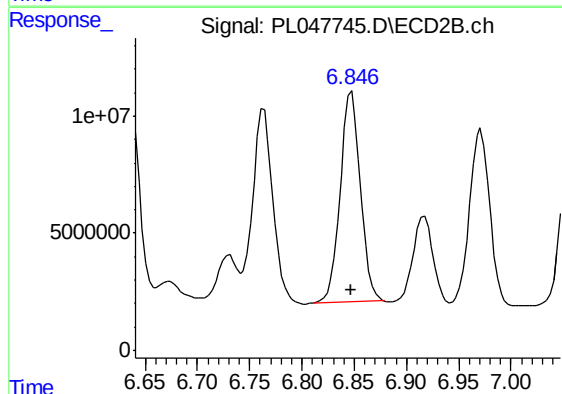
R.T.: 6.636 min  
Delta R.T.: 0.000 min  
Response: 109506700  
Conc: 42.87 ng/ml



#15 Endosulfan II

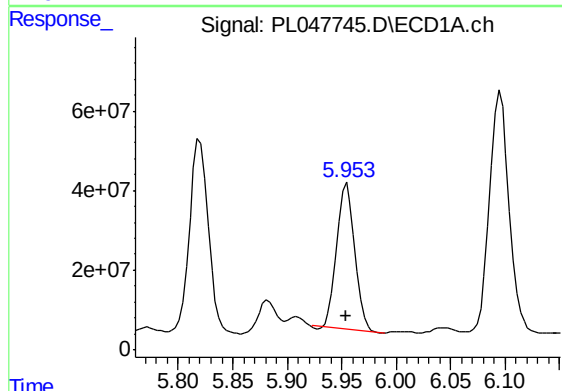
R.T.: 6.096 min  
Delta R.T.: 0.002 min  
Response: 756176908  
Conc: 67.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



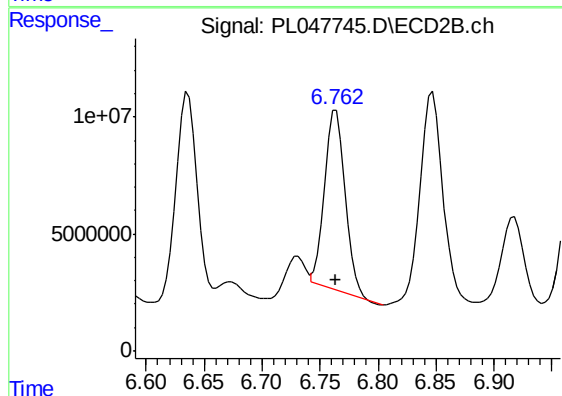
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 121199056  
Conc: 46.20 ng/ml



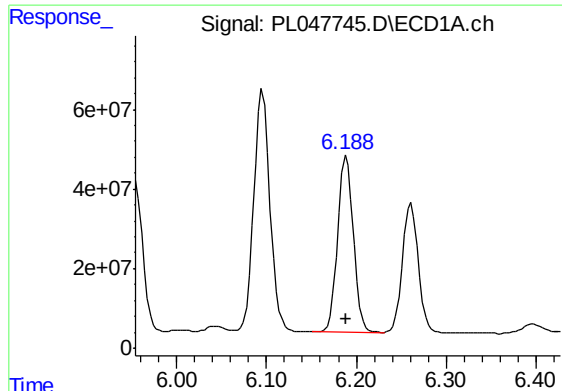
#16 4,4'-DDD

R.T.: 5.955 min  
Delta R.T.: 0.001 min  
Response: 421573864  
Conc: 42.87 ng/ml



#16 4,4'-DDD

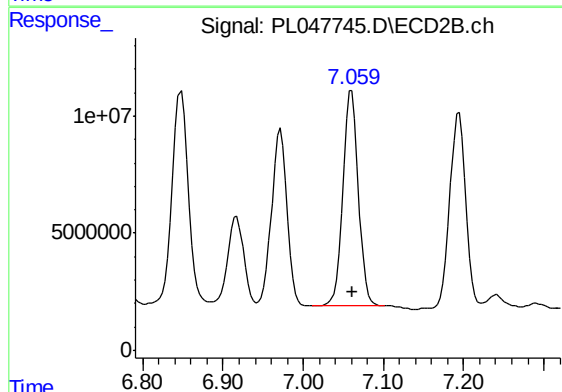
R.T.: 6.764 min  
Delta R.T.: 0.000 min  
Response: 95631017  
Conc: 42.60 ng/ml



#17 4,4'-DDT

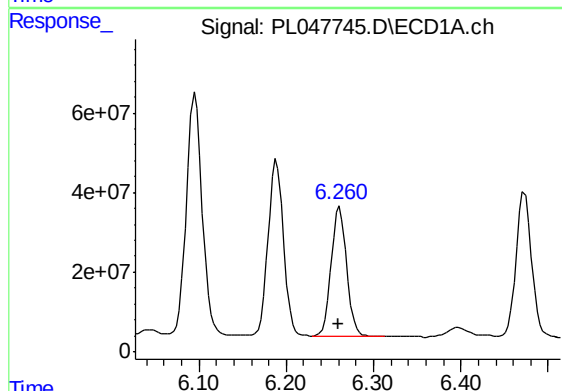
R.T.: 6.189 min  
Delta R.T.: 0.000 min  
Response: 544603239  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



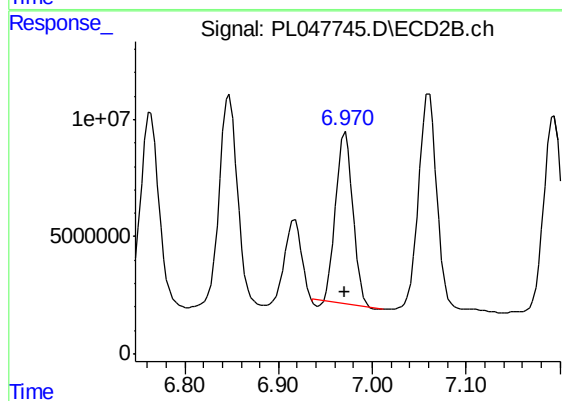
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 123486627  
Conc: 51.84 ng/ml



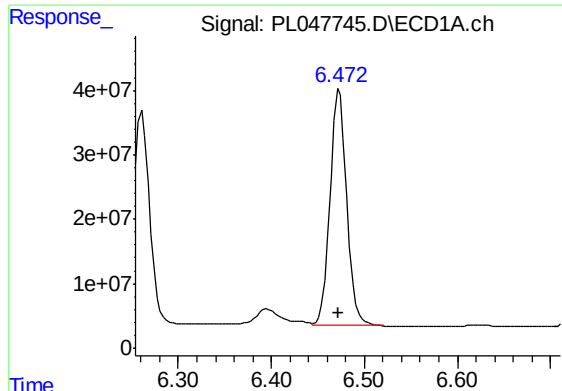
#18 Endrin aldehyde

R.T.: 6.262 min  
Delta R.T.: 0.001 min  
Response: 402255440  
Conc: 42.63 ng/ml



#18 Endrin aldehyde

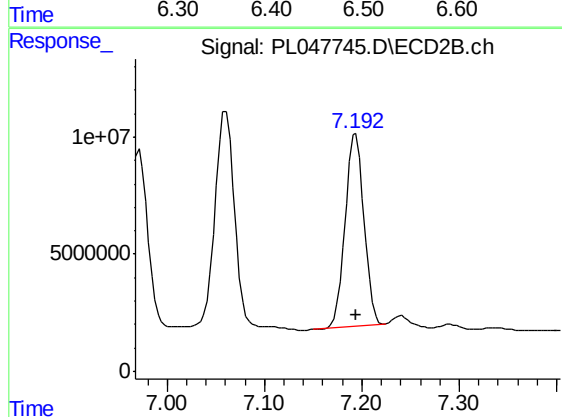
R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 92919718  
Conc: 40.22 ng/ml



#19 Endosulfan Sulfate

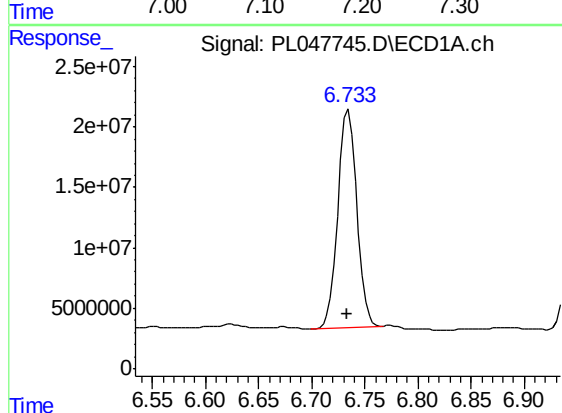
R.T.: 6.473 min  
Delta R.T.: 0.001 min  
Response: 455730007  
Conc: 40.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



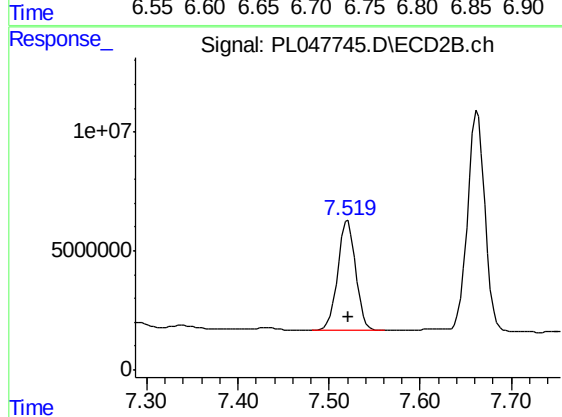
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 110446159  
Conc: 40.33 ng/ml



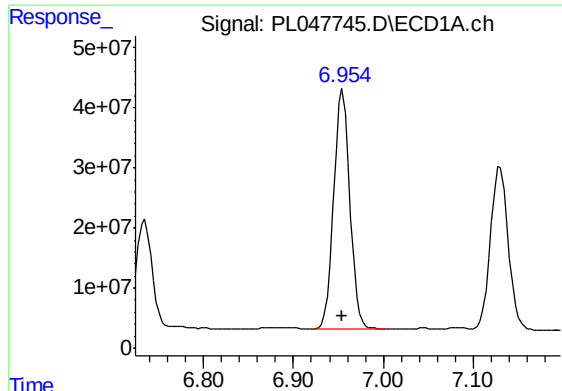
#20 Methoxychlor

R.T.: 6.735 min  
Delta R.T.: 0.001 min  
Response: 222282294  
Conc: 41.79 ng/ml



#20 Methoxychlor

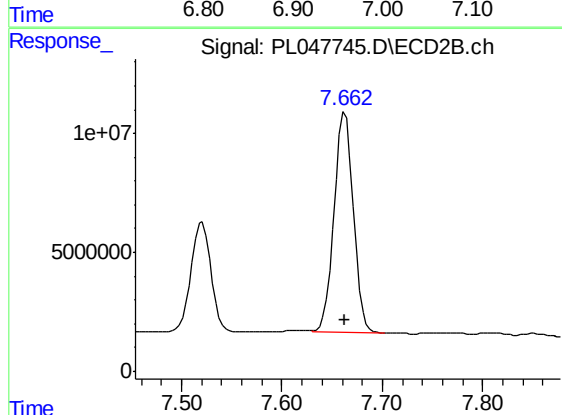
R.T.: 7.521 min  
Delta R.T.: 0.000 min  
Response: 62852125  
Conc: 44.83 ng/ml



#21 Endrin ketone

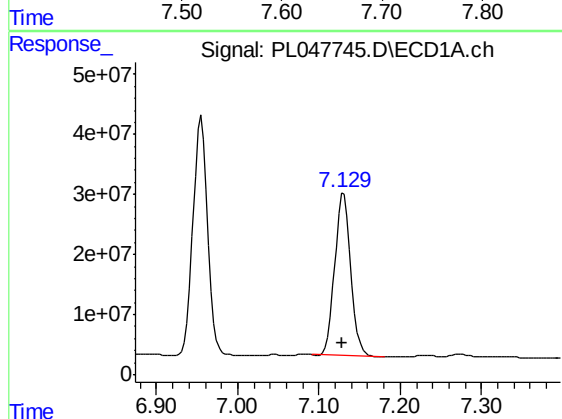
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 496589086  
Conc: 41.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



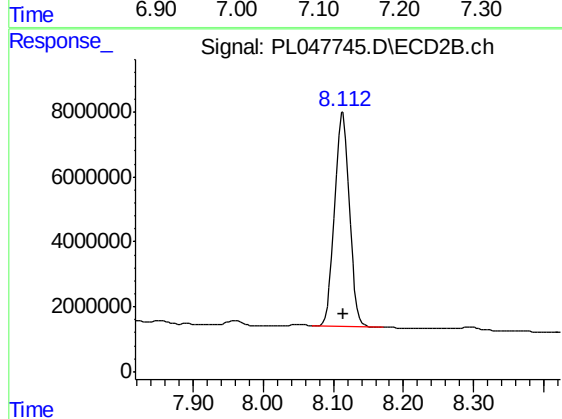
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: 0.000 min  
Response: 122746386  
Conc: 43.66 ng/ml



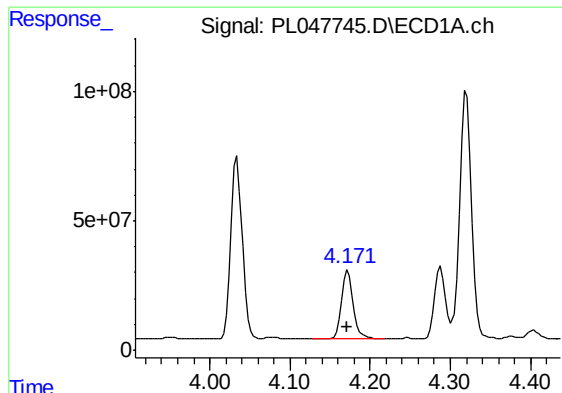
#22 Mirex

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 371658861  
Conc: 39.59 ng/ml



#22 Mirex

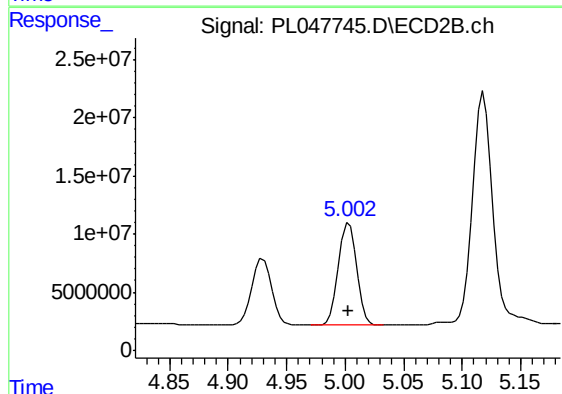
R.T.: 8.114 min  
Delta R.T.: 0.000 min  
Response: 97428261  
Conc: 41.87 ng/ml



#23 Chlordane-1

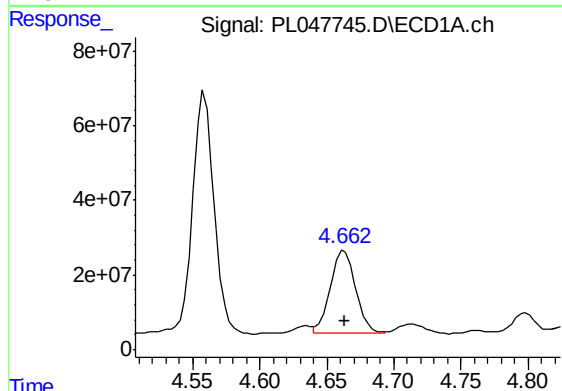
R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 277768813  
Conc: 642.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



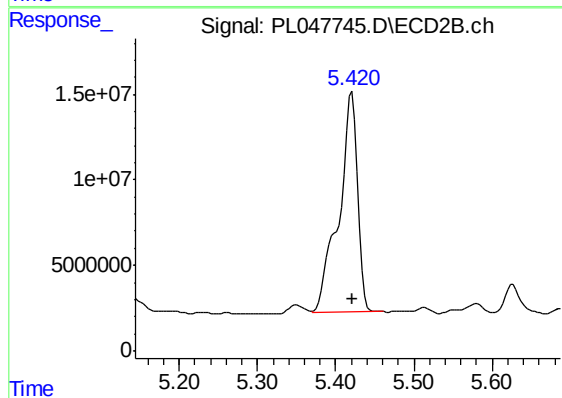
#23 Chlordane-1

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 91762700  
Conc: 358.16 ng/ml



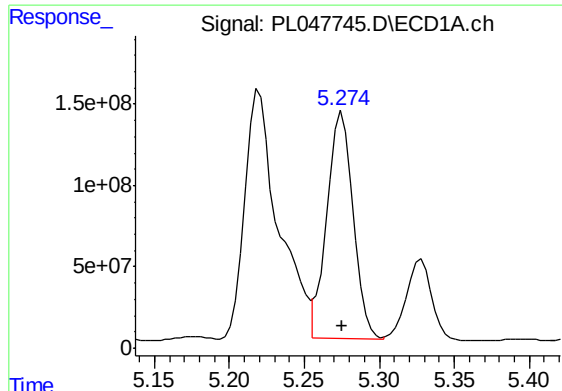
#24 Chlordane-2

R.T.: 4.663 min  
Delta R.T.: 0.000 min  
Response: 290975173  
Conc: 611.87 ng/ml



#24 Chlordane-2

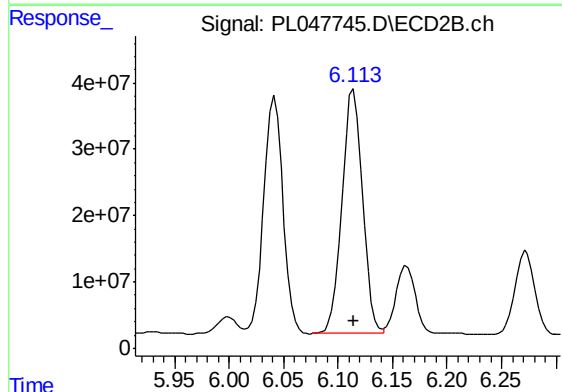
R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 218547187  
Conc: 702.32 ng/ml



#25 Chlordane-3

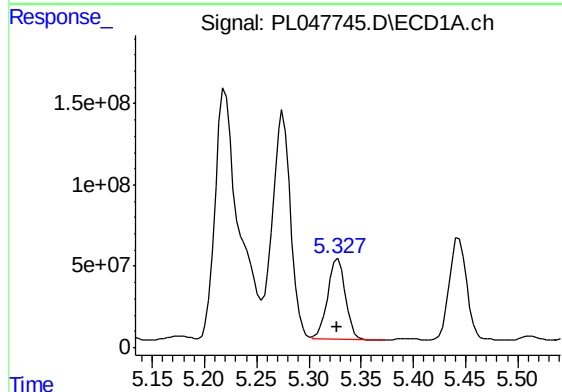
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 1702009674  
Conc: 1290.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



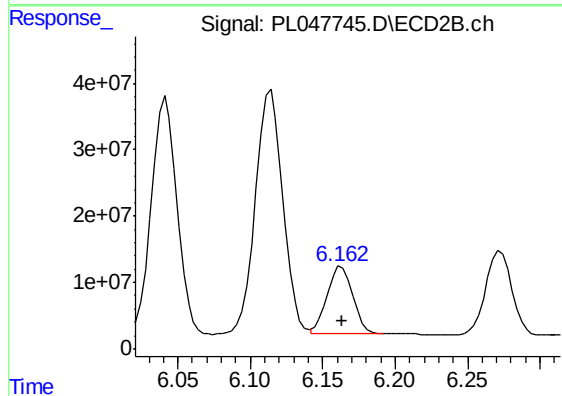
#25 Chlordane-3

R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 485088972  
Conc: 1637.56 ng/ml



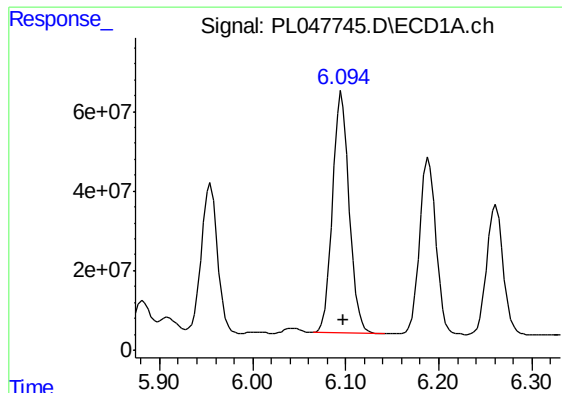
#26 Chlordane-4

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 584472413  
Conc: 475.67 ng/ml



#26 Chlordane-4

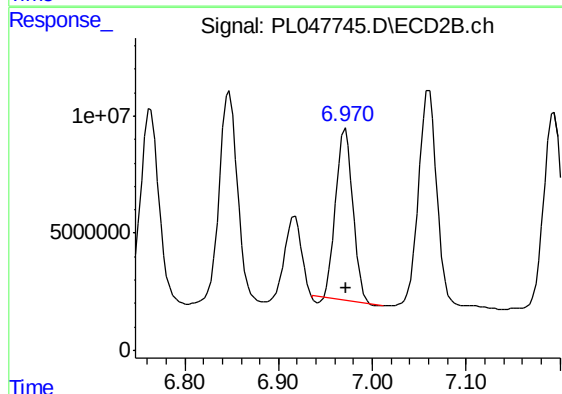
R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 126228574  
Conc: 458.35 ng/ml



#27 Chlordane-5

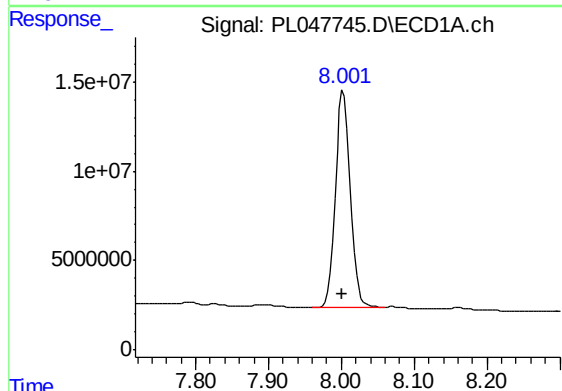
R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 756176908  
Conc: 1783.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-074-SW065-042219MS



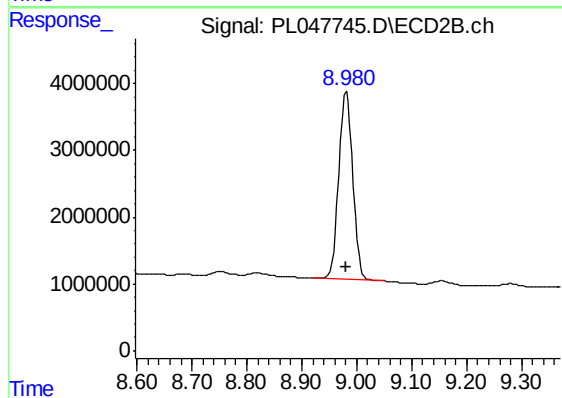
#27 Chlordane-5

R.T.: 6.971 min  
Delta R.T.: -0.001 min  
Response: 92919718  
Conc: 412.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.001 min  
Response: 173365313  
Conc: 15.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.000 min  
Response: 49968994  
Conc: 17.50 ng/ml