

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061119\  
 Data File : PL049418.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2019 13:12  
 Operator : SM\AJ  
 Sample : WATER IDOC 04  
 Misc : FOR RC  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WATER IDOC 04

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 01:11:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.325 | 3.936 | 225.0E6 | 64171301 | 20.418 | 22.212  |
| 28)                         | SA Decachlor... | 7.991 | 8.972 | 206.0E6 | 61266968 | 16.204 | 18.345  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.753 | 4.323 | 928.7E6 | 217.1E6  | 51.548 | 54.171m |
| 3)                          | MA gamma-BHC... | 4.028 | 4.608 | 874.1E6 | 204.5E6  | 51.572 | 54.626  |
| 4)                          | MA Heptachlor   | 4.313 | 5.111 | 922.3E6 | 217.1E6  | 52.083 | 54.015  |
| 5)                          | MB Aldrin       | 4.552 | 5.414 | 892.1E6 | 202.5E6  | 52.248 | 55.043  |
| 6)                          | B beta-BHC      | 4.283 | 4.783 | 364.6E6 | 91996123 | 52.477 | 53.410  |
| 7)                          | B delta-BHC     | 4.476 | 4.997 | 779.0E6 | 165.6E6  | 48.204 | 54.006  |
| 8)                          | B Heptachlo...  | 4.988 | 5.800 | 802.0E6 | 184.4E6  | 54.080 | 56.413  |
| 9)                          | A Endosulfan I  | 5.319 | 6.155 | 756.6E6 | 170.5E6  | 51.703 | 52.926  |
| 10)                         | B gamma-Chl...  | 5.211 | 6.033 | 831.7E6 | 187.0E6  | 52.097 | 54.053  |
| 11)                         | B alpha-Chl...  | 5.267 | 6.105 | 802.2E6 | 185.4E6  | 51.353 | 53.446  |
| 12)                         | B 4,4'-DDE      | 5.435 | 6.266 | 795.4E6 | 177.3E6  | 50.852 | 54.016  |
| 13)                         | MA Dieldrin     | 5.558 | 6.411 | 799.3E6 | 179.3E6  | 52.273 | 53.464  |
| 14)                         | MA Endrin       | 5.810 | 6.629 | 732.5E6 | 155.2E6  | 50.784 | 52.006  |
| 15)                         | B Endosulfa...  | 6.086 | 6.840 | 665.3E6 | 149.5E6  | 50.378 | 49.277  |
| 16)                         | A 4,4'-DDD      | 5.946 | 6.756 | 604.8E6 | 134.2E6  | 50.822 | 51.009  |
| 17)                         | MA 4,4'-DDT     | 6.180 | 7.053 | 628.4E6 | 139.3E6  | 51.041 | 49.694  |
| 18)                         | B Endrin al...  | 6.253 | 6.964 | 544.6E6 | 129.1E6  | 49.762 | 50.070  |
| 19)                         | B Endosulfa...  | 6.464 | 7.187 | 593.8E6 | 143.1E6  | 45.737 | 47.075  |
| 20)                         | A Methoxychlor  | 6.725 | 7.513 | 287.5E6 | 76045893 | 44.823 | 45.870  |
| 21)                         | B Endrin ke...  | 6.946 | 7.656 | 626.9E6 | 148.8E6  | 44.047 | 46.774  |
| 22)                         | Mirex           | 7.120 | 8.105 | 481.5E6 | 124.9E6  | 45.702 | 48.101  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061119\  
Data File : PL049418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jun 2019 13:12  
Operator : SM\AJ  
Sample : WATER IDOC 04  
Misc : FOR RC  
ALS Vial : 9 Sample Multiplier: 1

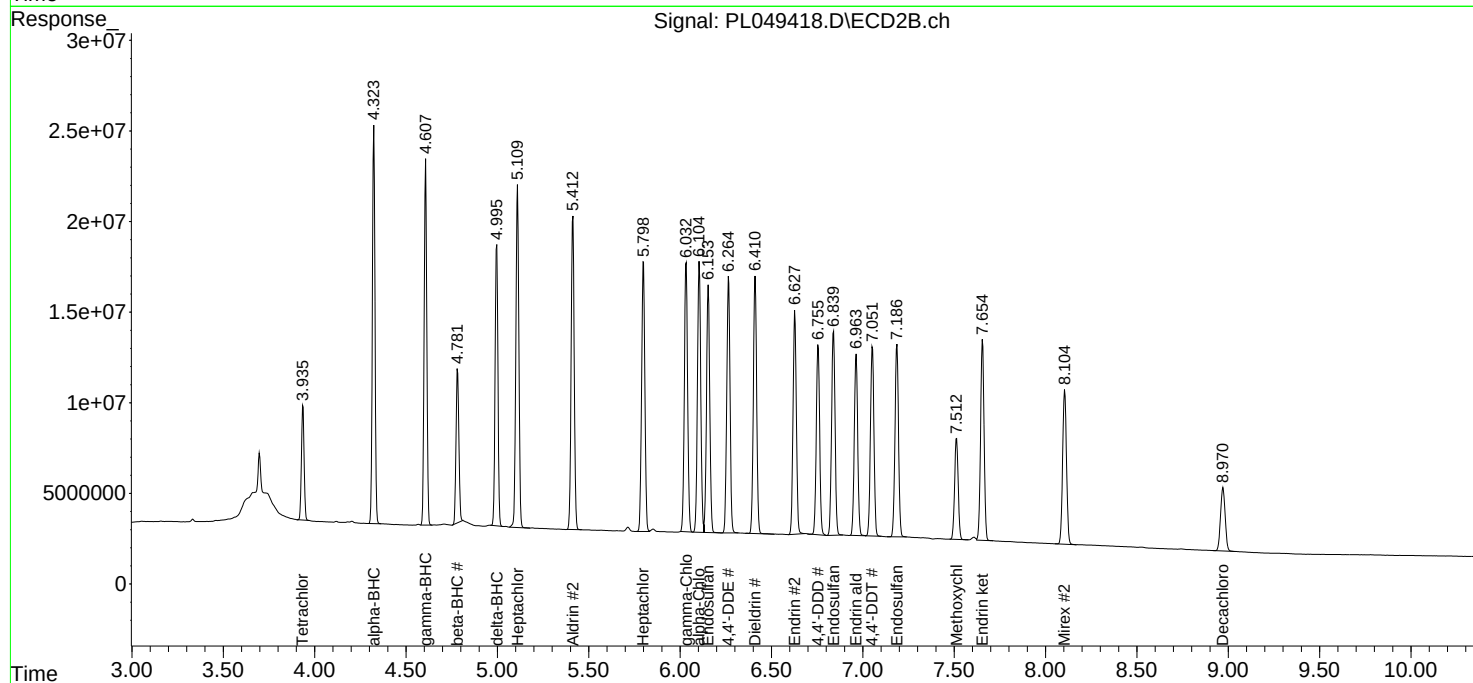
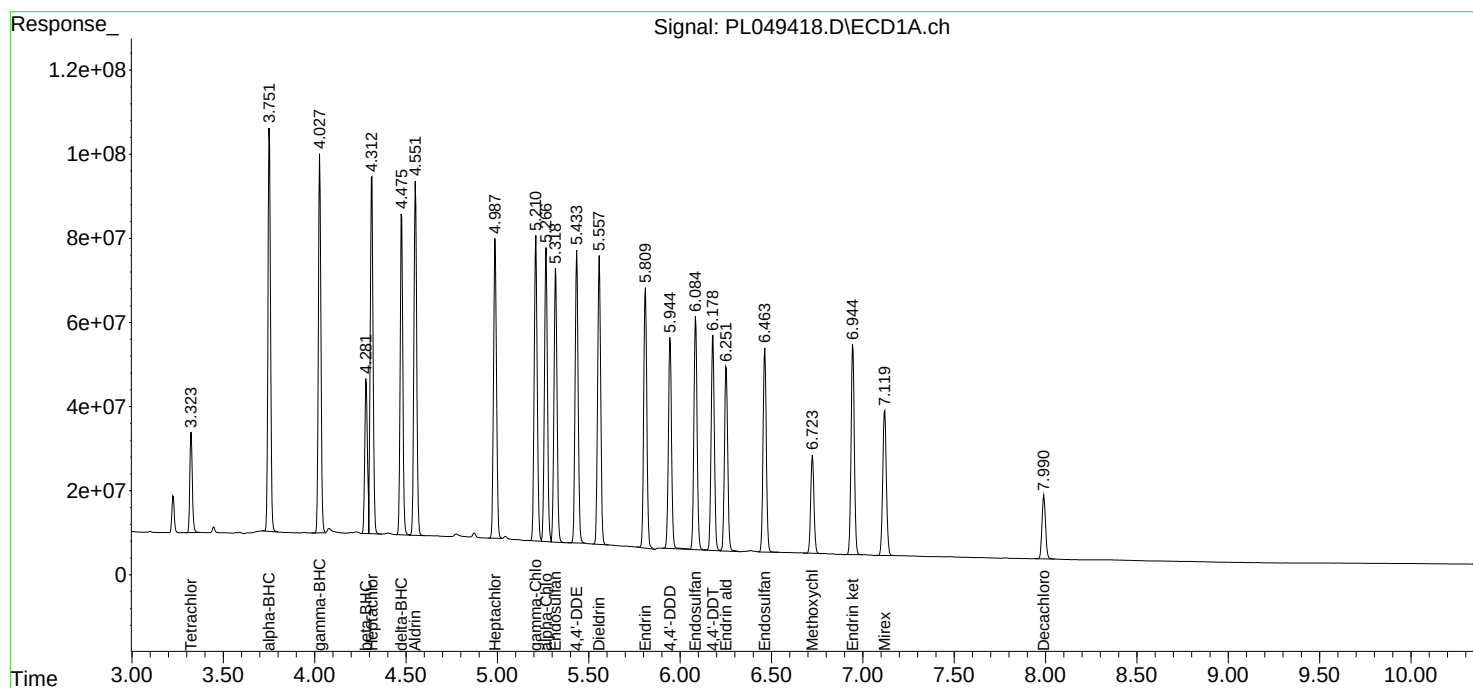
Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

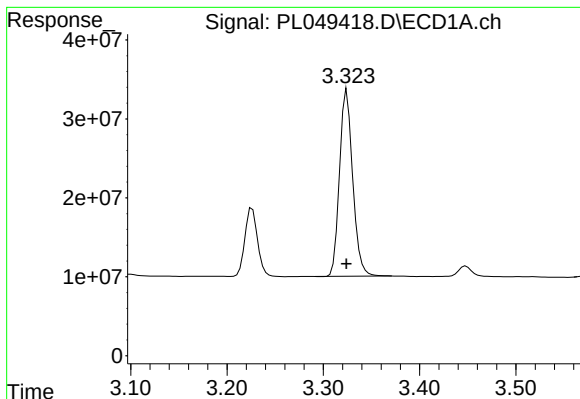
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 01:11:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 2019  
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





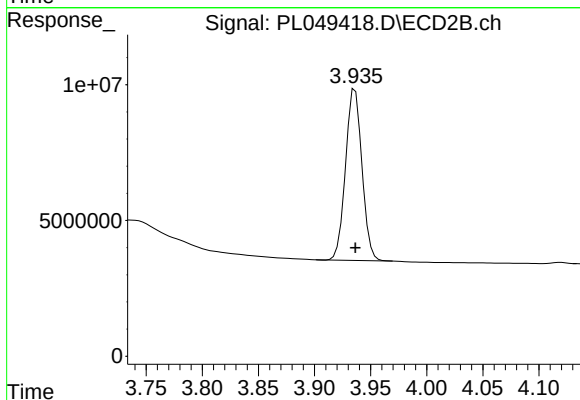
#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: 0.000 min  
Response: 224978830  
Conc: 20.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

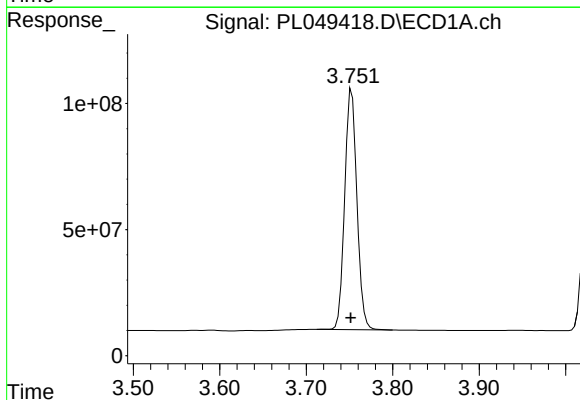
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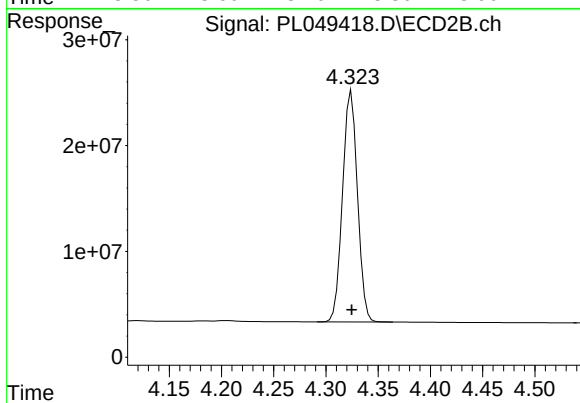
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 64171301  
Conc: 22.21 ng/ml



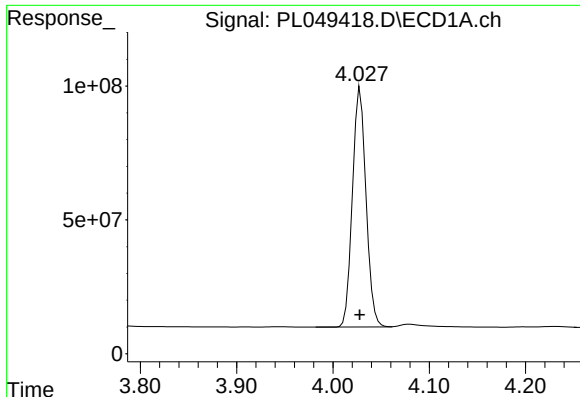
#2 alpha-BHC

R.T.: 3.753 min  
Delta R.T.: 0.000 min  
Response: 928712296  
Conc: 51.55 ng/ml



#2 alpha-BHC

R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 217134816  
Conc: 54.17 ng/ml m



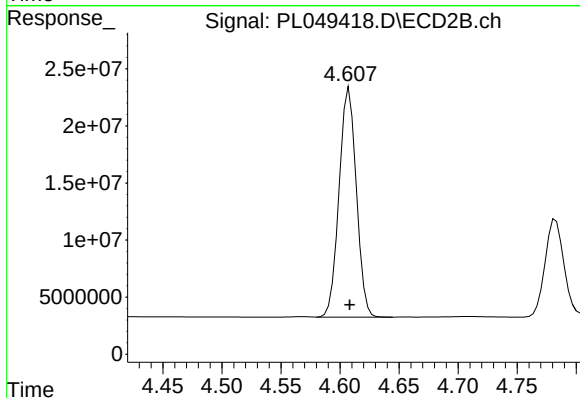
#3 gamma-BHC (Lindane)

R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 874072285  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

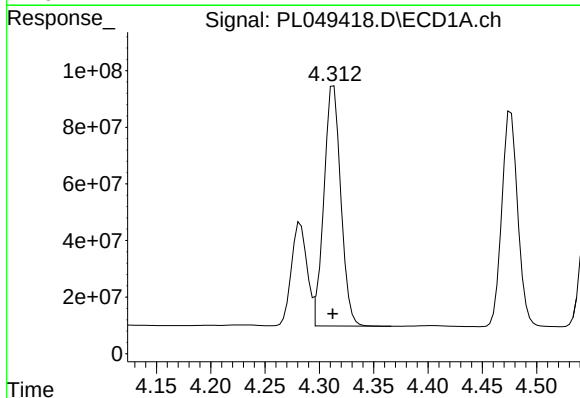
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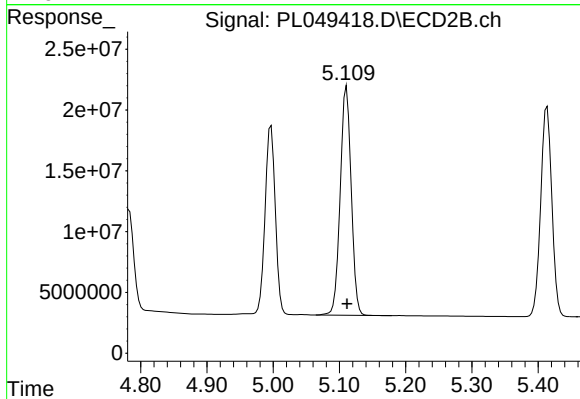
#3 gamma-BHC (Lindane)

R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 204498086  
Conc: 54.63 ng/ml



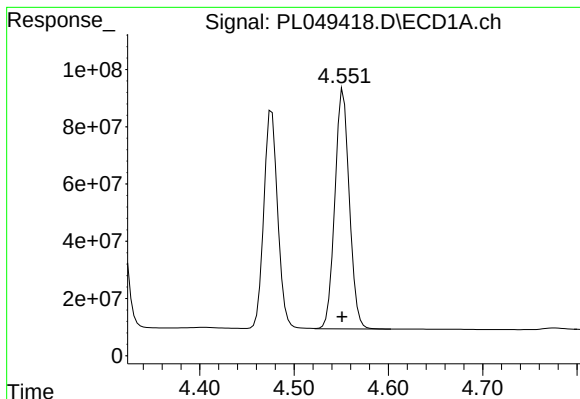
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: 0.001 min  
Response: 922291268  
Conc: 52.08 ng/ml



#4 Heptachlor

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 217062058  
Conc: 54.02 ng/ml



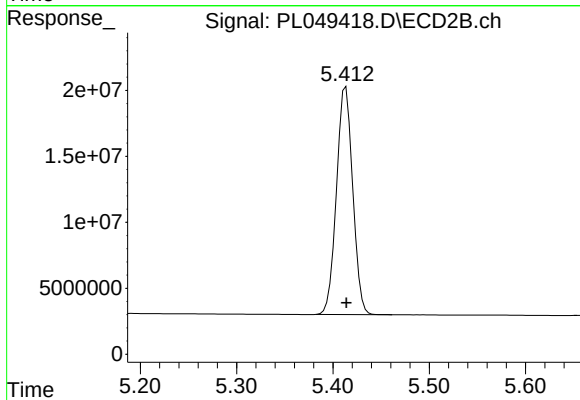
#5 Aldrin

R.T.: 4.552 min  
Delta R.T.: 0.001 min  
Response: 892098476  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

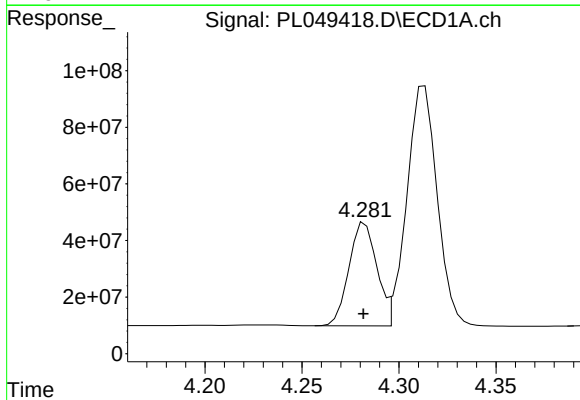
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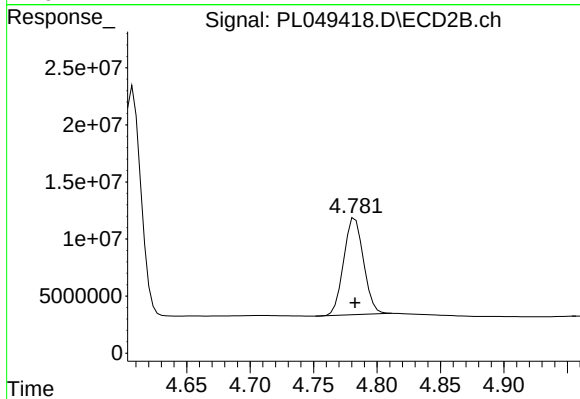
#5 Aldrin

R.T.: 5.414 min  
Delta R.T.: 0.000 min  
Response: 202513676  
Conc: 55.04 ng/ml



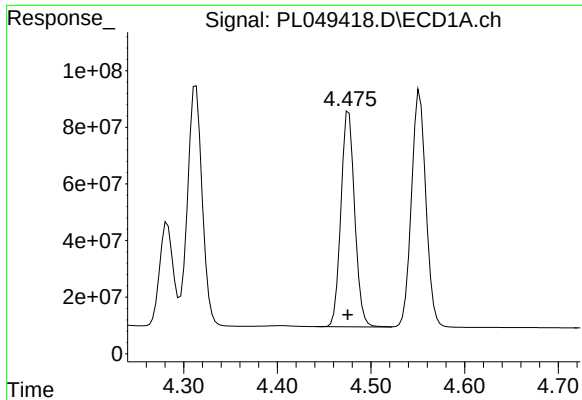
#6 beta-BHC

R.T.: 4.283 min  
Delta R.T.: 0.001 min  
Response: 364648291  
Conc: 52.48 ng/ml



#6 beta-BHC

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 91996123  
Conc: 53.41 ng/ml



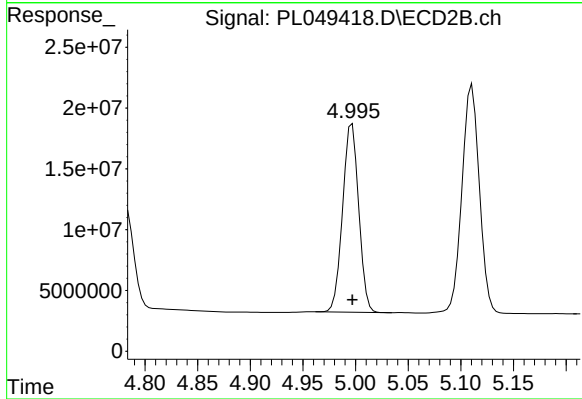
#7 delta-BHC

R.T.: 4.476 min  
Delta R.T.: 0.001 min  
Response: 779007341  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

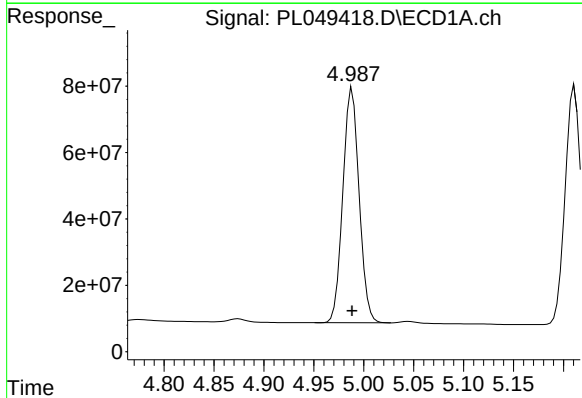
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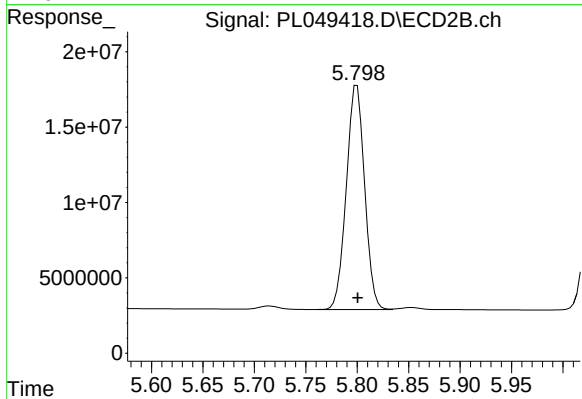
#7 delta-BHC

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 165646969  
Conc: 54.01 ng/ml



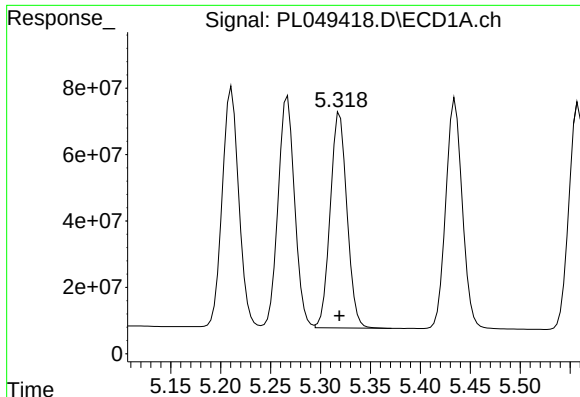
#8 Heptachlor epoxide

R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 802025290  
Conc: 54.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 184401666  
Conc: 56.41 ng/ml



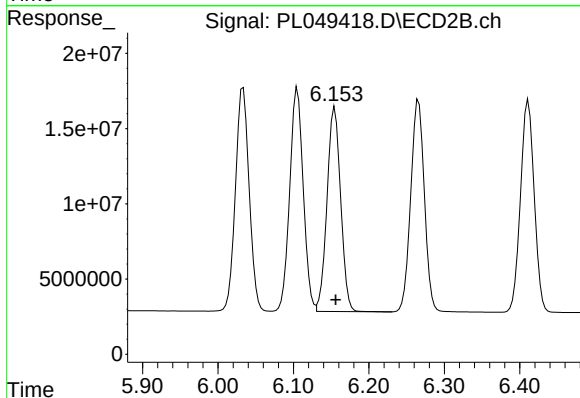
#9 Endosulfan I

R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 756645299  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

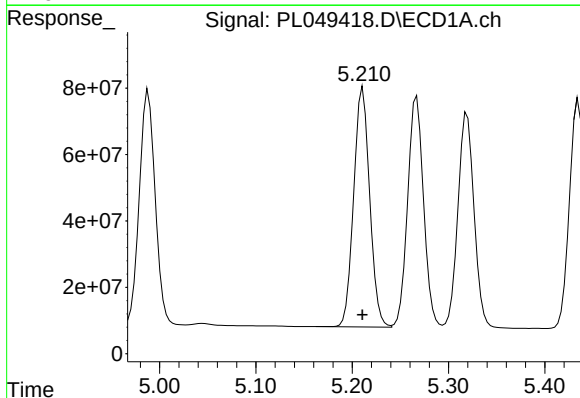
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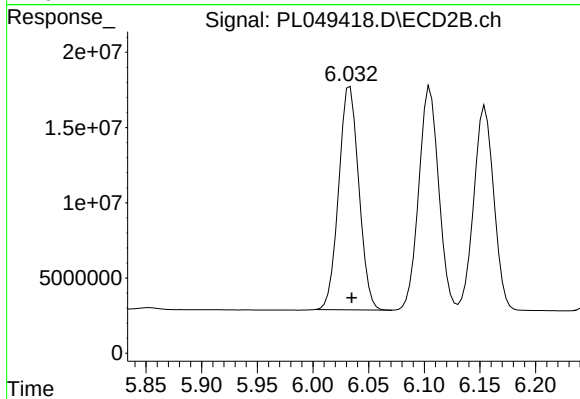
#9 Endosulfan I

R.T.: 6.155 min  
Delta R.T.: -0.001 min  
Response: 170463444  
Conc: 52.93 ng/ml



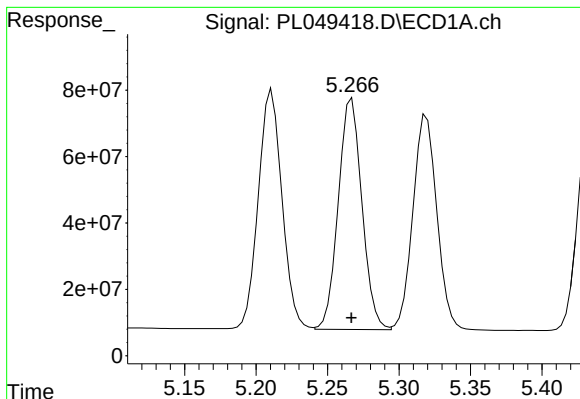
#10 gamma-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 831677521  
Conc: 52.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 186979399  
Conc: 54.05 ng/ml



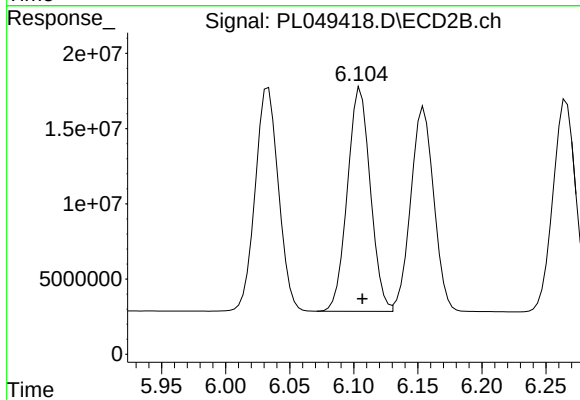
#11 alpha-Chlordane

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 802237434  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

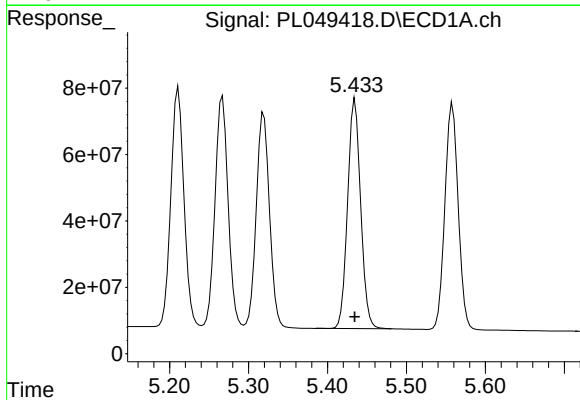
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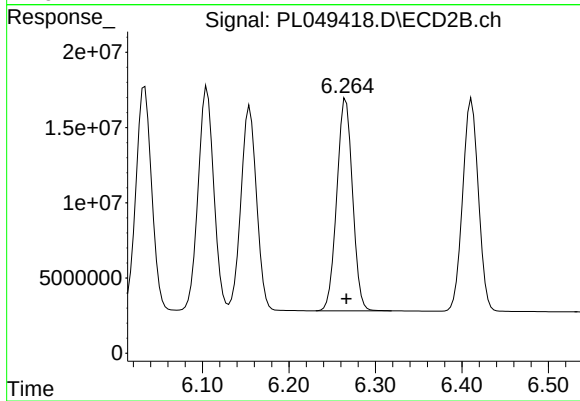
#11 alpha-Chlordane

R.T.: 6.105 min  
Delta R.T.: -0.001 min  
Response: 185412435  
Conc: 53.45 ng/ml



#12 4,4'-DDE

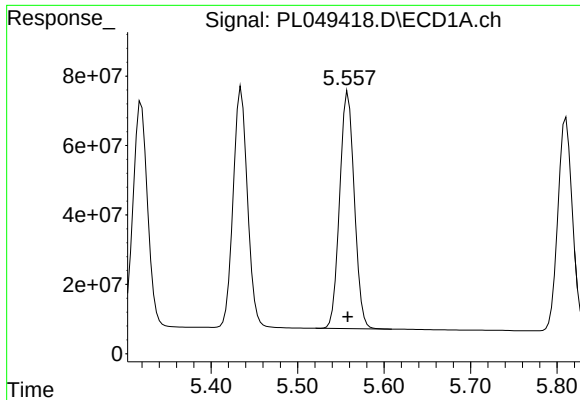
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 795417531  
Conc: 50.85 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 177320244  
Conc: 54.02 ng/ml





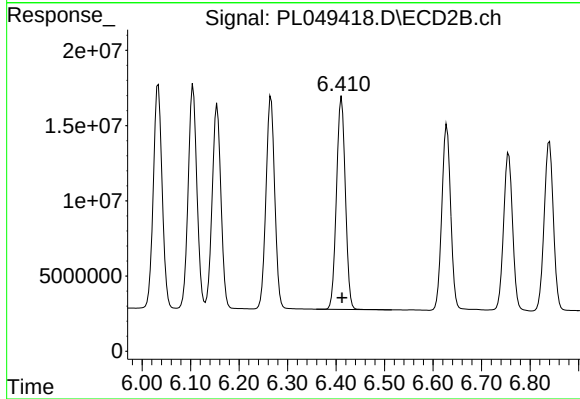
#13 Dieldrin

R.T.: 5.558 min  
Delta R.T.: 0.000 min  
Response: 799289849  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

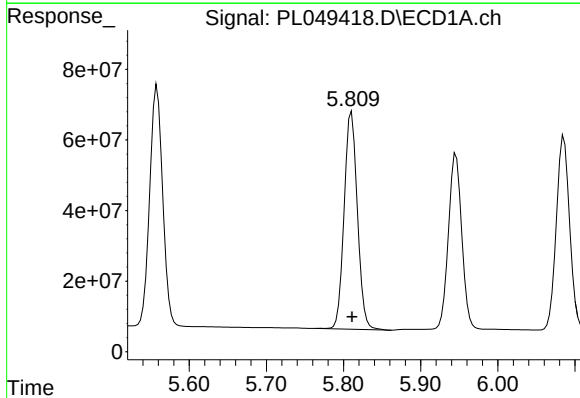
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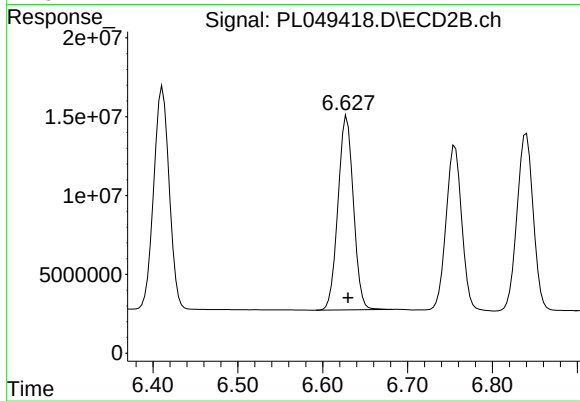
#13 Dieldrin

R.T.: 6.411 min  
Delta R.T.: -0.001 min  
Response: 179307819  
Conc: 53.46 ng/ml



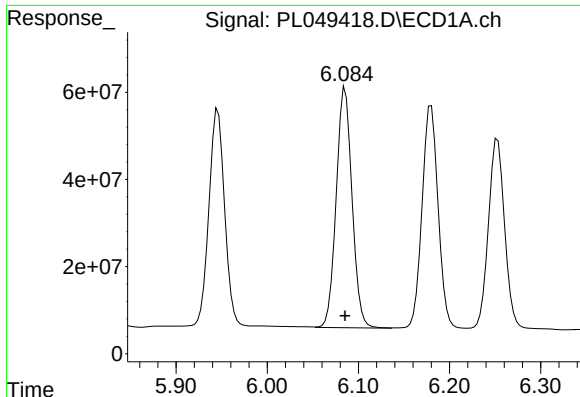
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 732473135  
Conc: 50.78 ng/ml



#14 Endrin

R.T.: 6.629 min  
Delta R.T.: -0.001 min  
Response: 155197818  
Conc: 52.01 ng/ml



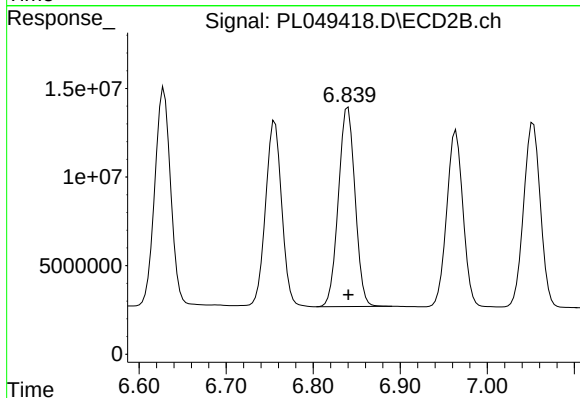
#15 Endosulfan II

R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 665265687  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

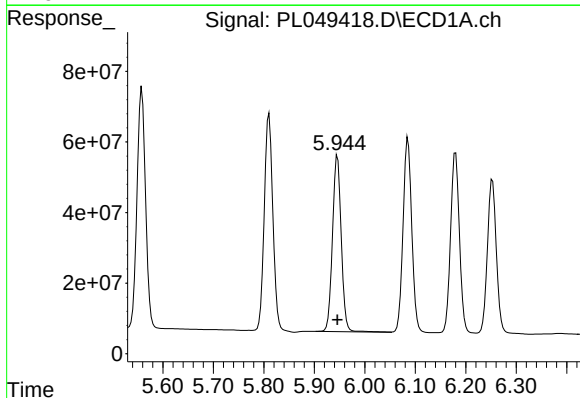
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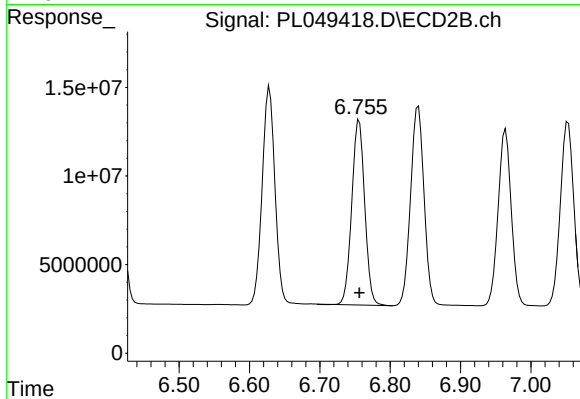
#15 Endosulfan II

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 149462829  
Conc: 49.28 ng/ml



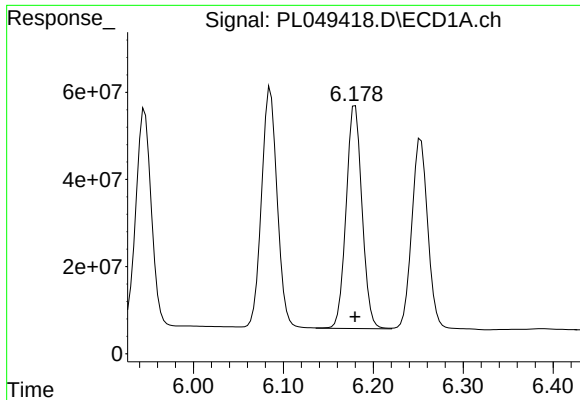
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 604825436  
Conc: 50.82 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 134170440  
Conc: 51.01 ng/ml



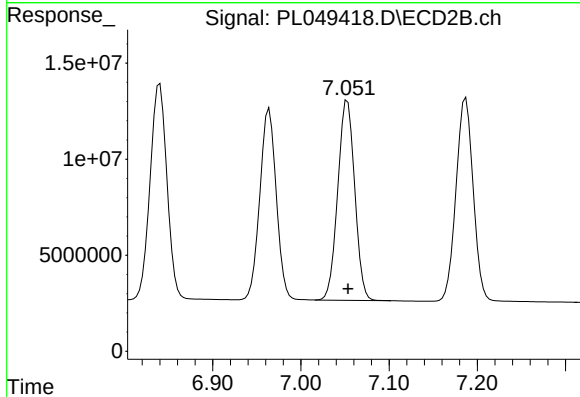
#17 4,4'-DDT

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 628449961  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

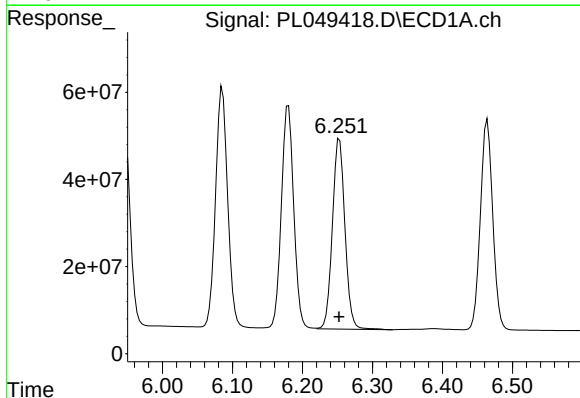
Manual Integrations  
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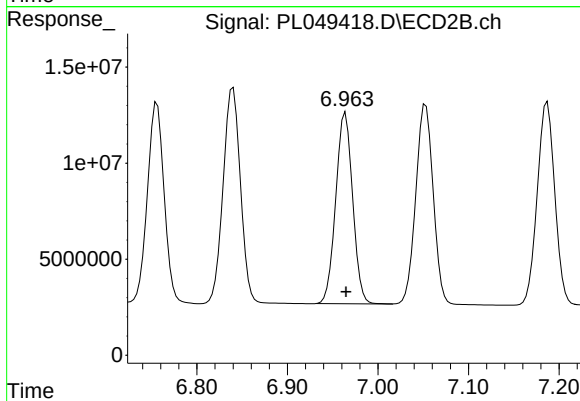
#17 4,4'-DDT

R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 139324988  
Conc: 49.69 ng/ml



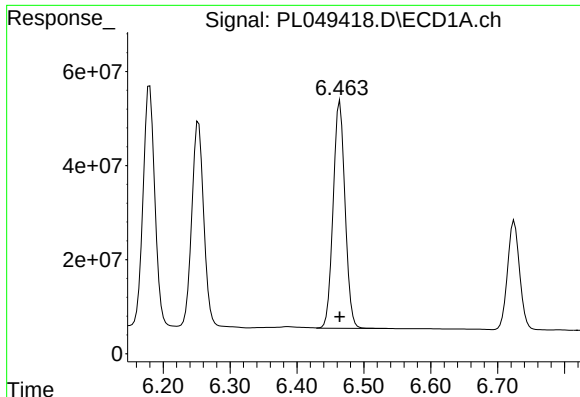
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 544594141  
Conc: 49.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 129141337  
Conc: 50.07 ng/ml



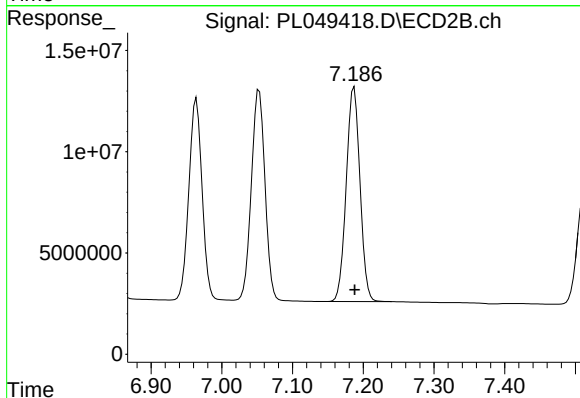
#19 Endosulfan Sulfate

R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 593835084  
Conc: 45.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

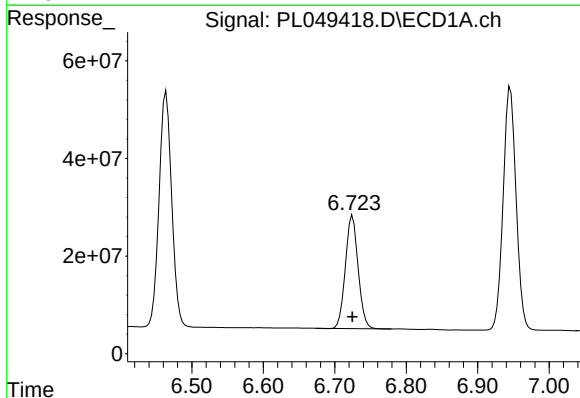
Manual Integrations  
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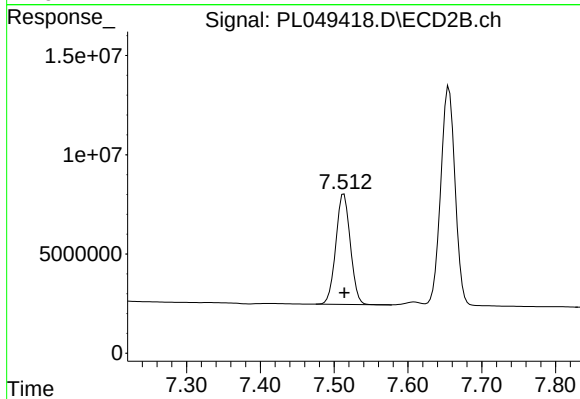
#19 Endosulfan Sulfate

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 143148956  
Conc: 47.08 ng/ml



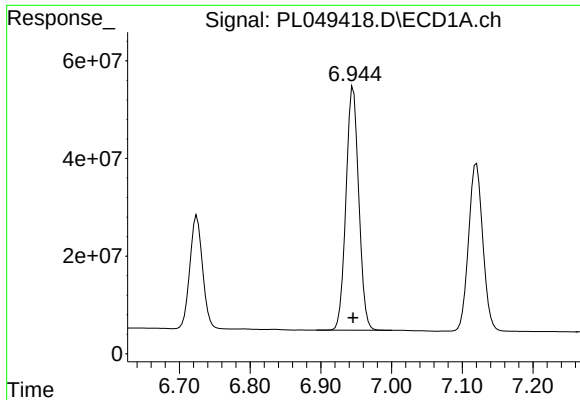
#20 Methoxychlor

R.T.: 6.725 min  
Delta R.T.: 0.000 min  
Response: 287484664  
Conc: 44.82 ng/ml



#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: 0.000 min  
Response: 76045893  
Conc: 45.87 ng/ml



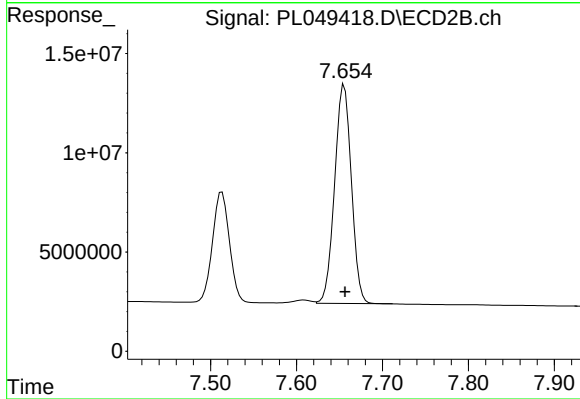
#21 Endrin ketone

R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 626872987  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

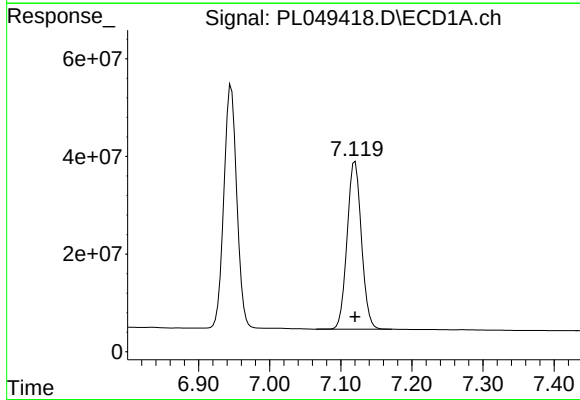
Manual Integrations  
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Ankita  
6/12/2019 9:19:33 AM



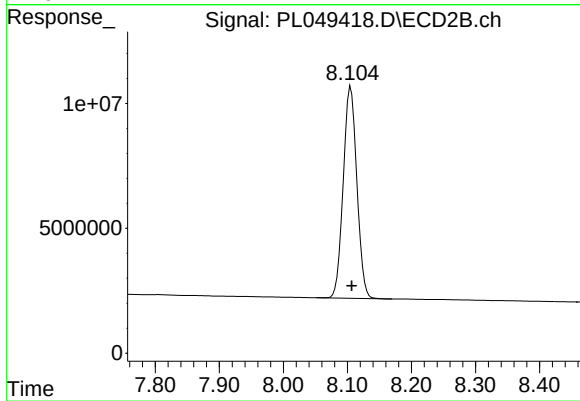
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 148783811  
Conc: 46.77 ng/ml



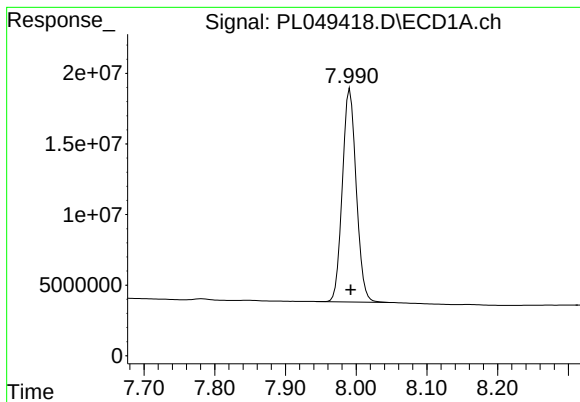
#22 Mirex

R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 481549416  
Conc: 45.70 ng/ml



#22 Mirex

R.T.: 8.105 min  
Delta R.T.: -0.001 min  
Response: 124943479  
Conc: 48.10 ng/ml



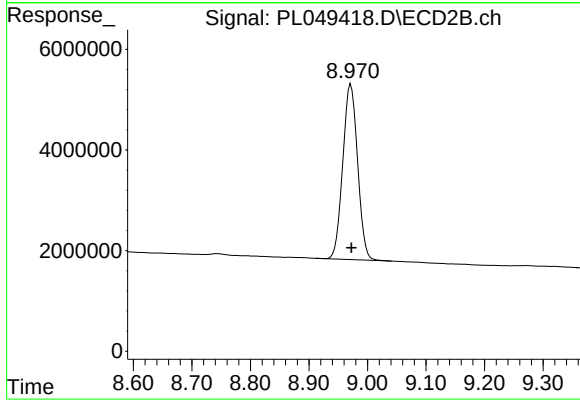
#28 Decachlorobiphenyl

R.T.: 7.991 min  
Delta R.T.: -0.001 min  
Response: 206036200  
Conc: 16.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: 0.000 min  
Response: 61266968  
Conc: 18.35 ng/ml