

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
 Data File : PL043562.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2019 17:53  
 Operator : AJ\SJ  
 Sample : WATER IDOC 01  
 Misc : FOR FE (EXTRACTION) PB116118  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 WATER IDOC 01

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 06:47:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 04 06:12:42 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... | 3.463 | 4.099 | 109.2E6 | 56061491 | 17.089 | 19.187  |
| 28)                         | SA Decachlor... | 8.199 | 9.229 | 108.0E6 | 43956844 | 21.431 | 19.884  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.903 | 4.495 | 467.1E6 | 215.9E6  | 48.295 | 51.075  |
| 3)                          | MA gamma-BHC... | 4.186 | 4.784 | 432.9E6 | 203.7E6  | 49.571 | 51.175  |
| 4)                          | MA Heptachlor   | 4.480 | 5.299 | 443.8E6 | 200.5E6  | 49.672 | 51.212  |
| 5)                          | MB Aldrin       | 4.726 | 5.608 | 413.1E6 | 191.7E6  | 50.349 | 50.796  |
| 6)                          | B beta-BHC      | 4.440 | 4.953 | 173.0E6 | 87086789 | 47.283 | 51.997  |
| 7)                          | B delta-BHC     | 4.641 | 5.173 | 348.6E6 | 183.0E6  | 43.789 | 43.269m |
| 8)                          | B Heptachlor... | 5.169 | 5.996 | 391.0E6 | 185.1E6  | 50.840 | 50.622  |
| 9)                          | A Endosulfan I  | 5.507 | 6.356 | 354.0E6 | 156.6E6  | 49.821 | 53.158  |
| 10)                         | B gamma-Chl...  | 5.395 | 6.231 | 394.2E6 | 170.9E6  | 50.270 | 53.022  |
| 11)                         | B alpha-Chl...  | 5.452 | 6.305 | 382.0E6 | 166.0E6  | 49.592 | 53.088  |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.459 | 351.9E6 | 170.3E6  | 52.900 | 52.224  |
| 13)                         | MA Dieldrin     | 5.749 | 6.614 | 383.1E6 | 163.0E6  | 53.983 | 50.739  |
| 14)                         | MA Endrin       | 6.005 | 6.835 | 334.6E6 | 135.4E6  | 54.775 | 53.599  |
| 15)                         | B Endosulfa...  | 6.280 | 7.043 | 316.7E6 | 141.6E6  | 54.176 | 54.866  |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.951 | 291.1E6 | 134.1E6  | 54.951 | 54.189  |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.251 | 279.6E6 | 123.2E6  | 55.404 | 55.173  |
| 18)                         | B Endrin al...  | 6.448 | 7.167 | 272.7E6 | 118.0E6  | 54.247 | 55.475  |
| 19)                         | B Endosulfa...  | 6.661 | 7.390 | 286.6E6 | 132.9E6  | 46.123 | 52.937  |
| 20)                         | A Methoxychlor  | 6.918 | 7.708 | 151.6E6 | 63154790 | 54.904 | 56.090  |
| 21)                         | B Endrin ke...  | 7.151 | 7.865 | 359.5E6 | 137.5E6  | 55.430 | 55.213  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
Data File : PL043562.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2019 17:53  
Operator : AJ\SJ  
Sample : WATER IDOC 01  
Misc : FOR FE (EXTRACTION) PB116118  
ALS Vial : 16 Sample Multiplier: 1

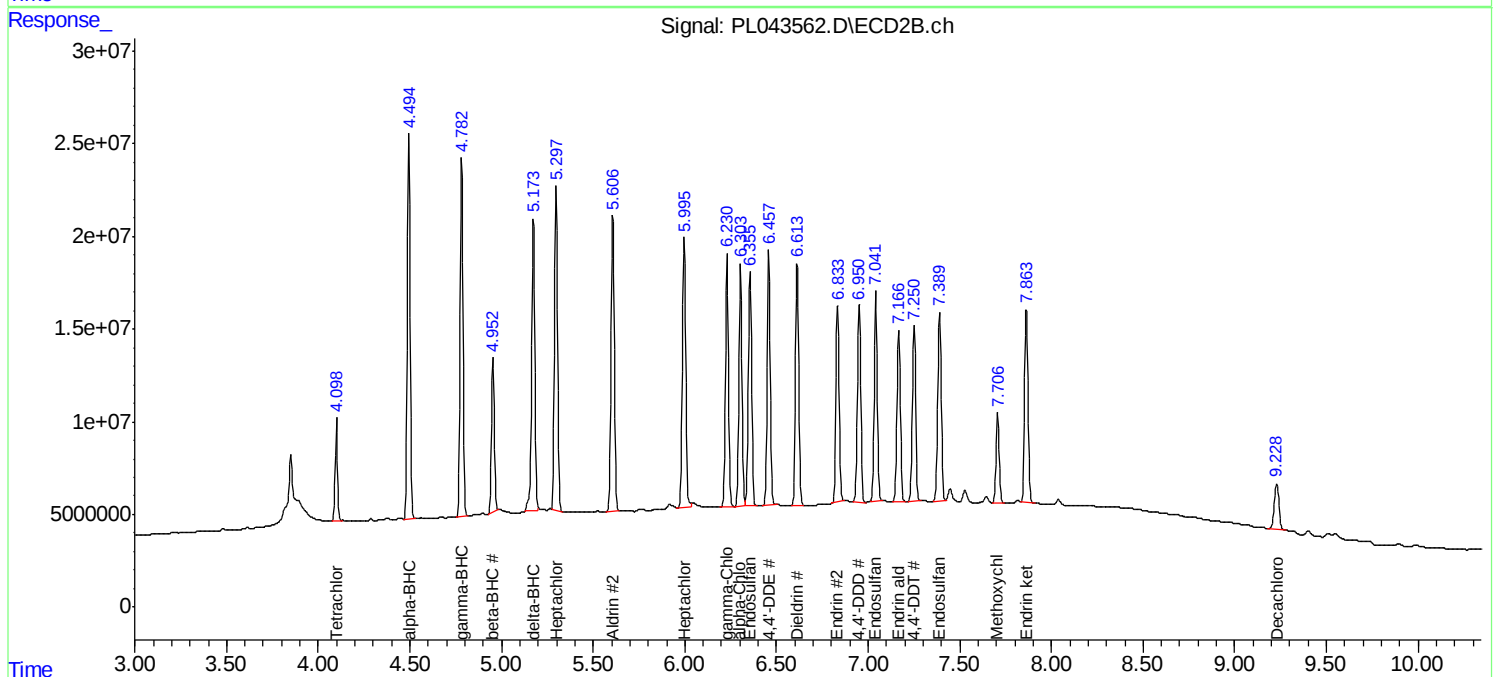
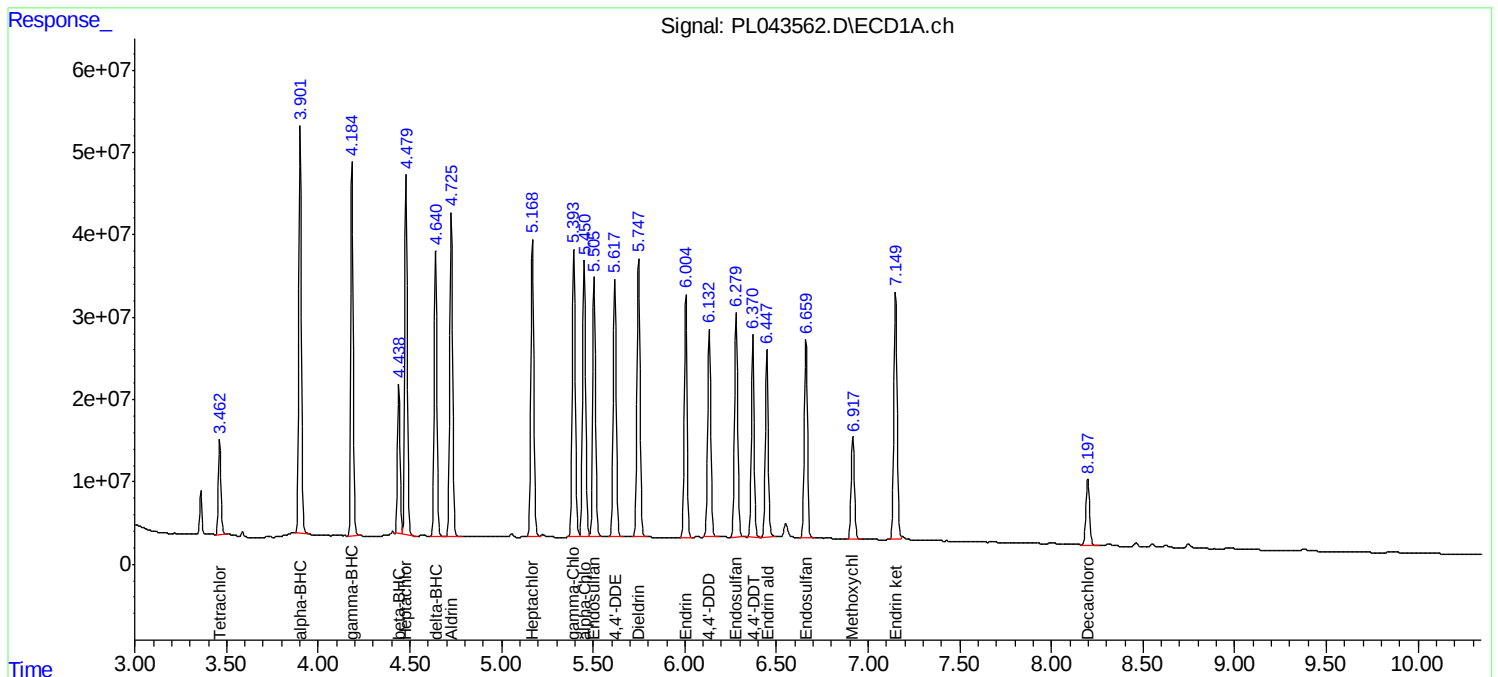
Instrument :  
ECD\_L  
ClientSampled :  
WATER IDOC 01

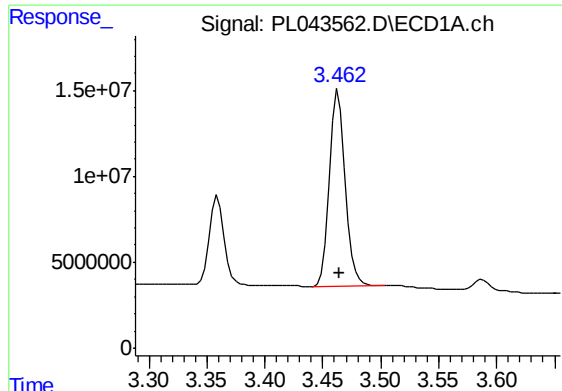
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 06:47:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 04 06:12:42 2019  
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





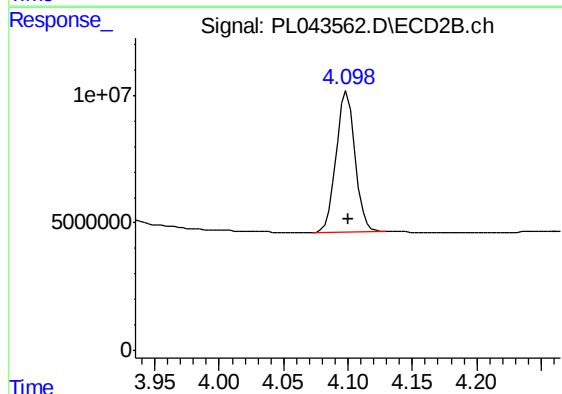
#1 Tetrachloro-m-xylene

R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 109184250  
Conc: 17.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

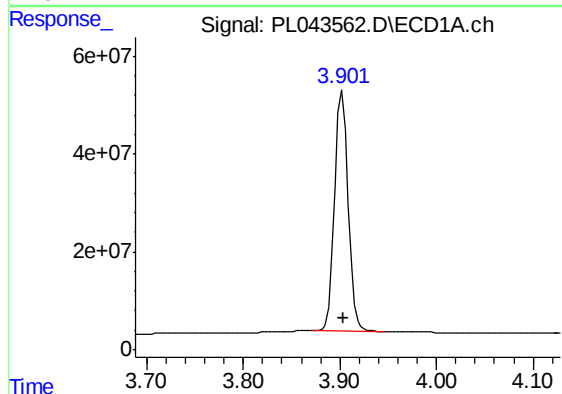
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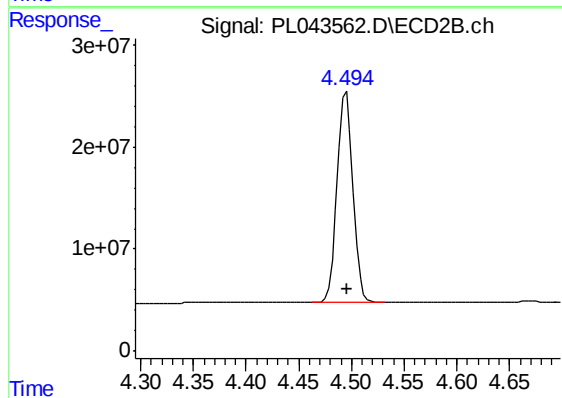
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 56061491  
Conc: 19.19 ng/ml



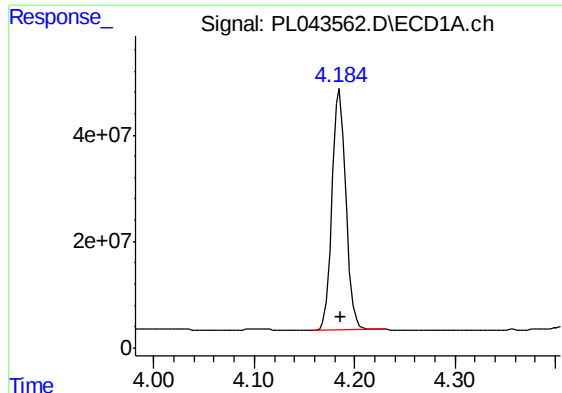
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 467149612  
Conc: 48.30 ng/ml



#2 alpha-BHC

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 215871969  
Conc: 51.08 ng/ml



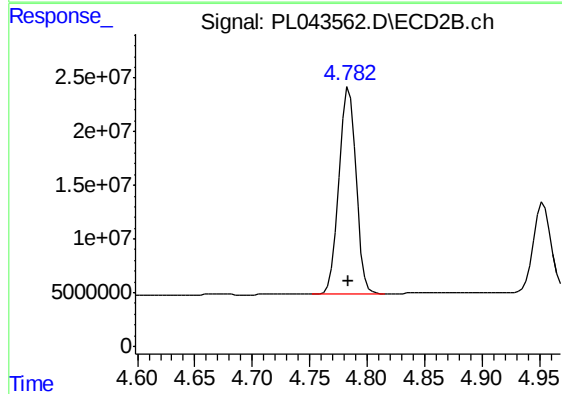
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 432929203  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

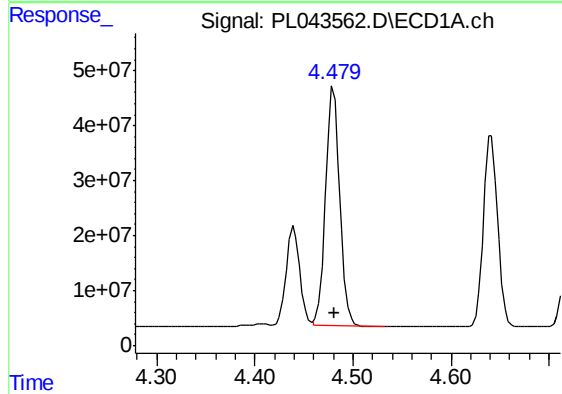
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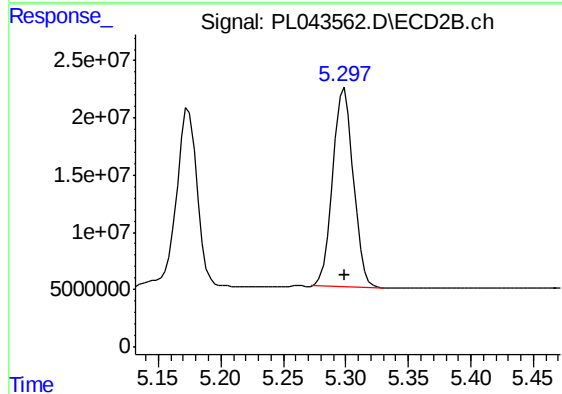
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 203666666  
Conc: 51.17 ng/ml



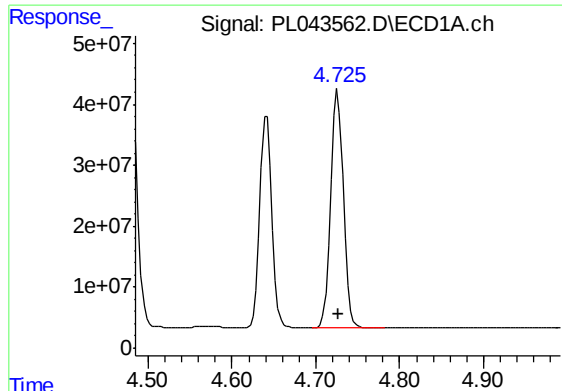
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 443804272  
Conc: 49.67 ng/ml



#4 Heptachlor

R.T.: 5.299 min  
Delta R.T.: 0.000 min  
Response: 200543152  
Conc: 51.21 ng/ml



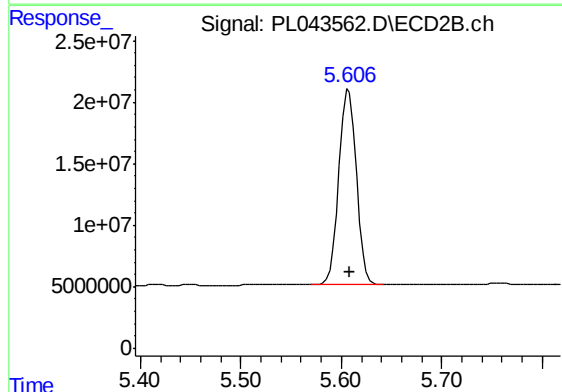
#5 Aldrin

R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 413105380  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

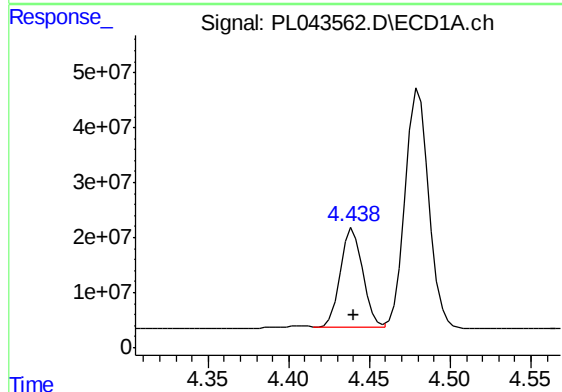
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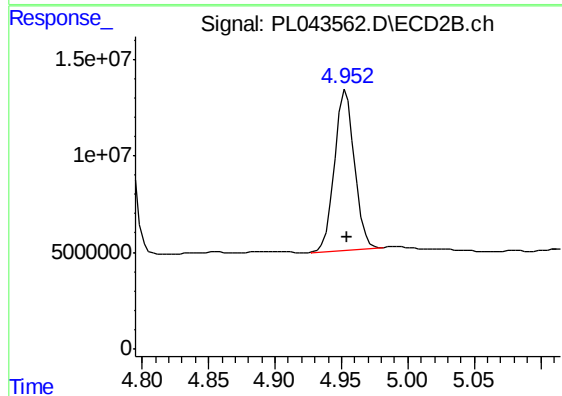
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.000 min  
Response: 191741046  
Conc: 50.80 ng/ml



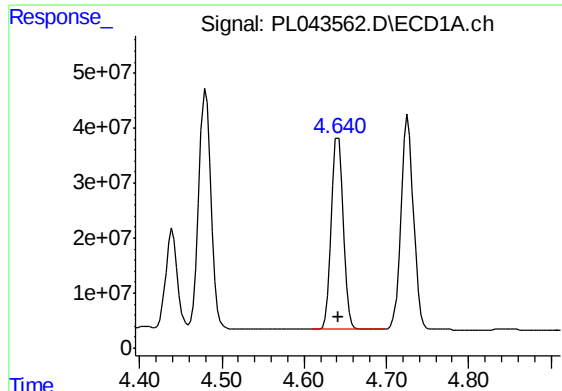
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 173003698  
Conc: 47.28 ng/ml



#6 beta-BHC

R.T.: 4.953 min  
Delta R.T.: 0.000 min  
Response: 87086789  
Conc: 52.00 ng/ml



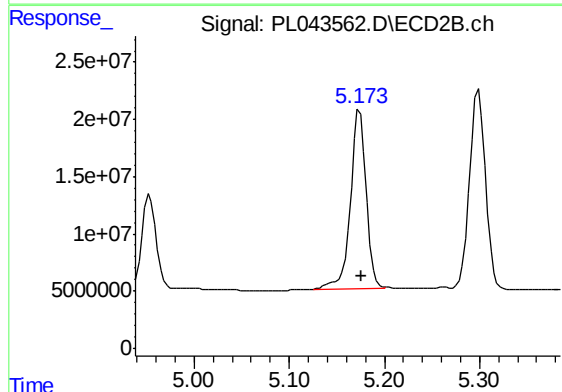
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 348558029  
Conc: 43.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

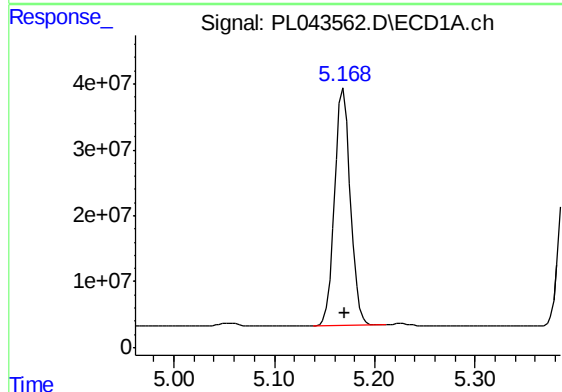
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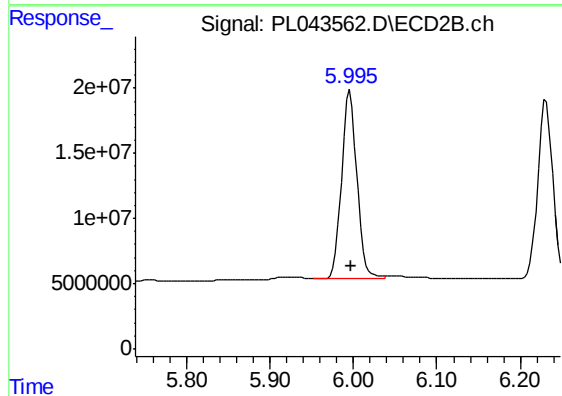
#7 delta-BHC

R.T.: 5.173 min  
Delta R.T.: -0.002 min  
Response: 182975690  
Conc: 43.27 ng/ml m



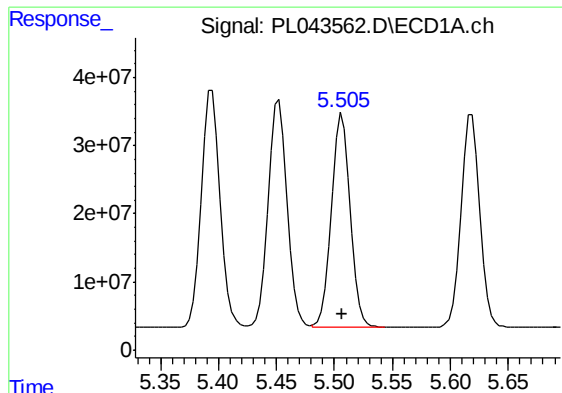
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 390959176  
Conc: 50.84 ng/ml



#8 Heptachlor epoxide

R.T.: 5.996 min  
Delta R.T.: -0.001 min  
Response: 185060132  
Conc: 50.62 ng/ml



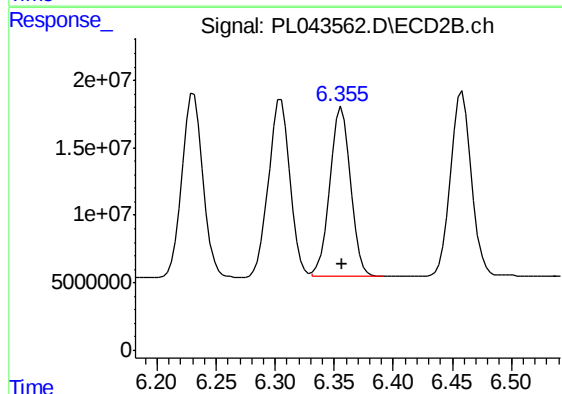
#9 Endosulfan I

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 354005227  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

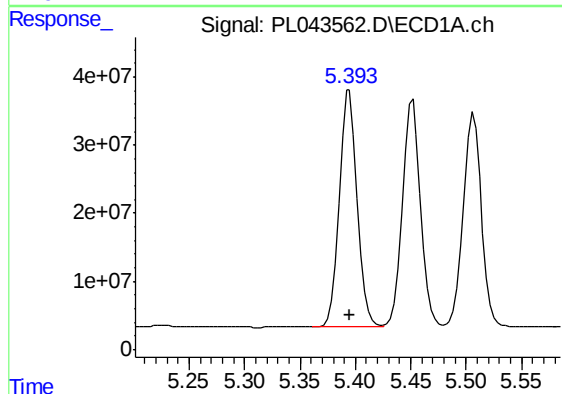
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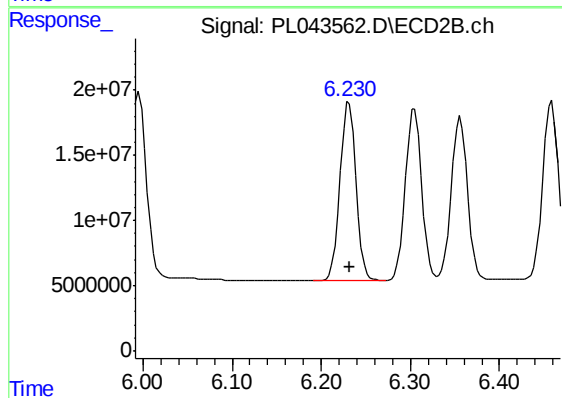
#9 Endosulfan I

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 156600033  
Conc: 53.16 ng/ml



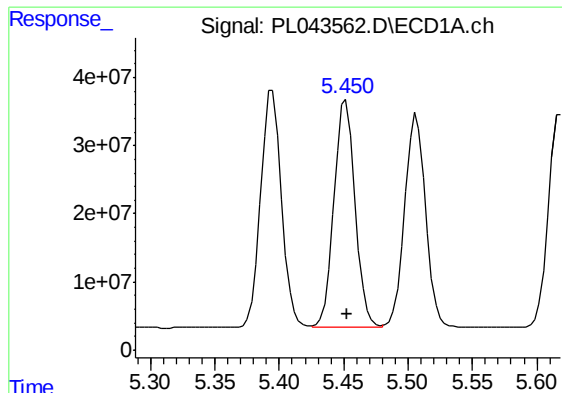
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 394223531  
Conc: 50.27 ng/ml



#10 gamma-Chlordane

R.T.: 6.231 min  
Delta R.T.: -0.001 min  
Response: 170878340  
Conc: 53.02 ng/ml



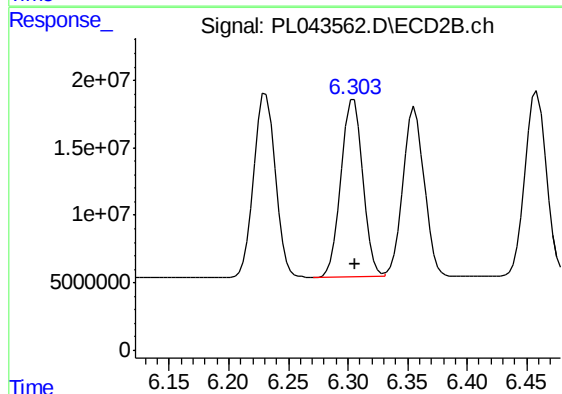
#11 alpha-Chlordane

R.T.: 5.452 min  
Delta R.T.: 0.000 min  
Response: 382006873  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

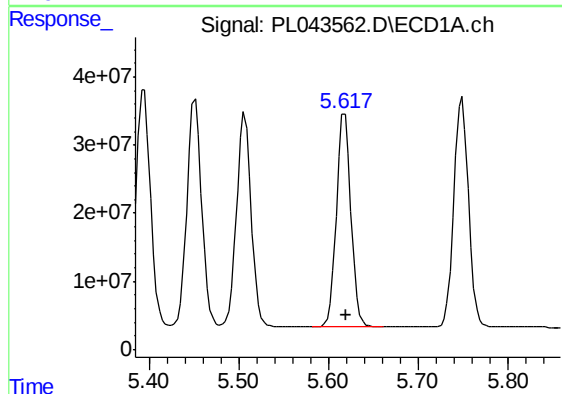
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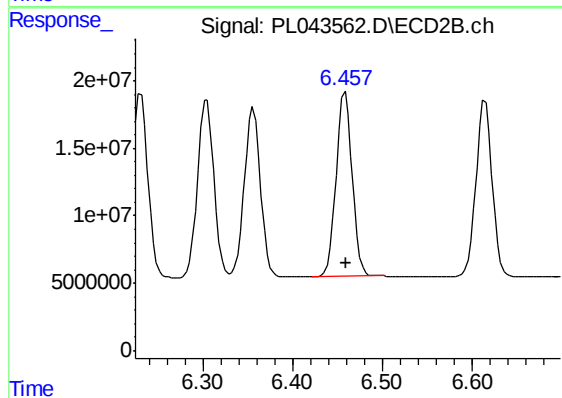
#11 alpha-Chlordane

R.T.: 6.305 min  
Delta R.T.: -0.001 min  
Response: 166024365  
Conc: 53.09 ng/ml



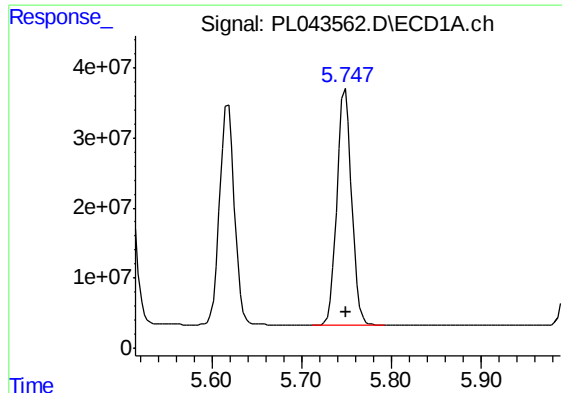
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 351858961  
Conc: 52.90 ng/ml



#12 4,4'-DDE

R.T.: 6.459 min  
Delta R.T.: -0.001 min  
Response: 170290437  
Conc: 52.22 ng/ml



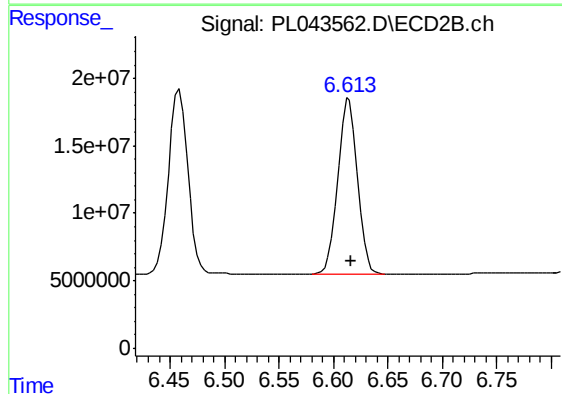
#13 Dieldrin

R.T.: 5.749 min  
Delta R.T.: 0.000 min  
Response: 383121145  
Conc: 53.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

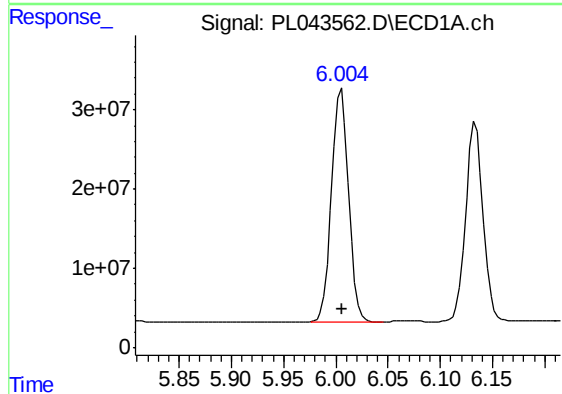
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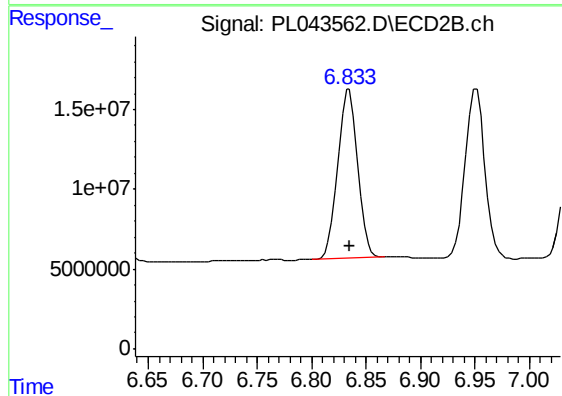
#13 Dieldrin

R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 162958406  
Conc: 50.74 ng/ml



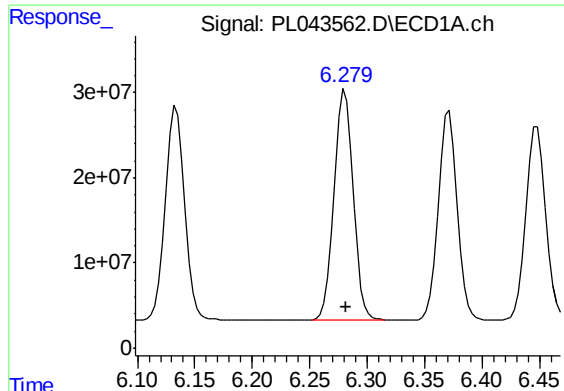
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: 0.000 min  
Response: 334574950  
Conc: 54.77 ng/ml



#14 Endrin

R.T.: 6.835 min  
Delta R.T.: 0.000 min  
Response: 135414831  
Conc: 53.60 ng/ml



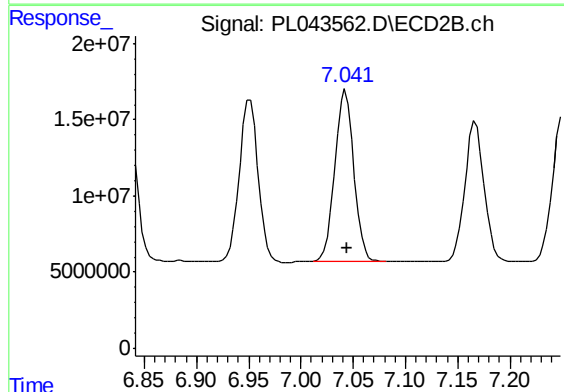
#15 Endosulfan II

R.T.: 6.280 min  
Delta R.T.: -0.001 min  
Response: 316702579  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

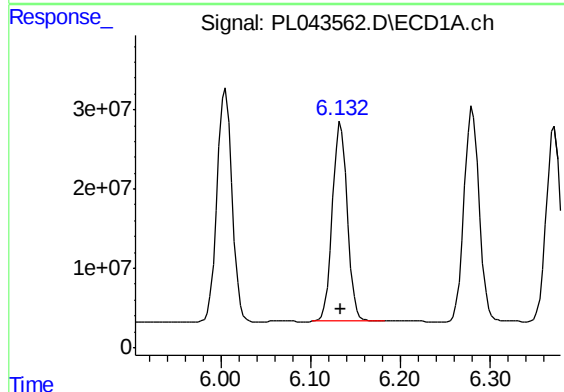
Manual Integrations  
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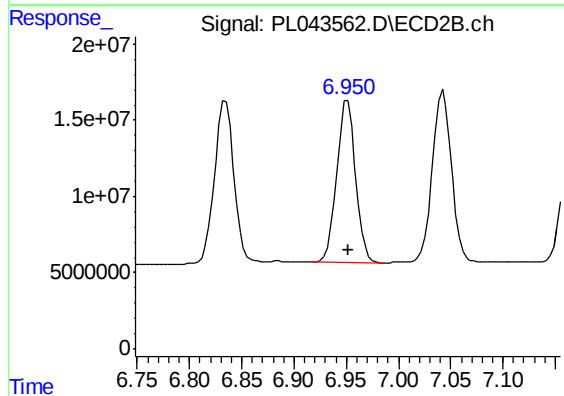
#15 Endosulfan II

R.T.: 7.043 min  
Delta R.T.: -0.002 min  
Response: 141648433  
Conc: 54.87 ng/ml



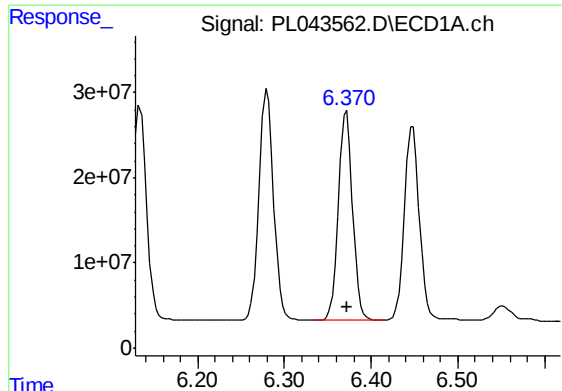
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 291095391  
Conc: 54.95 ng/ml



#16 4,4'-DDD

R.T.: 6.951 min  
Delta R.T.: -0.001 min  
Response: 134083675  
Conc: 54.19 ng/ml



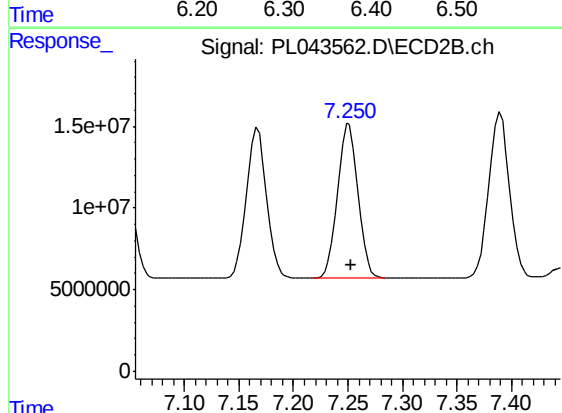
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.001 min  
Response: 279580884  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

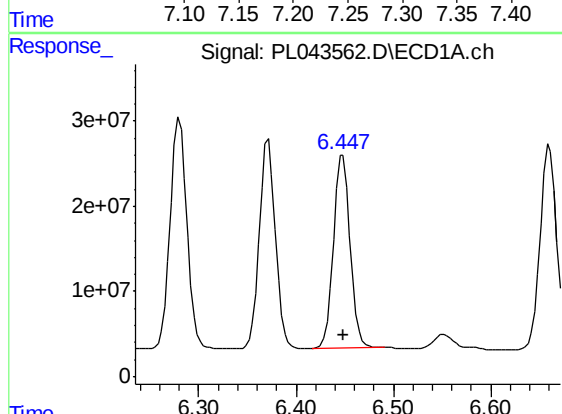
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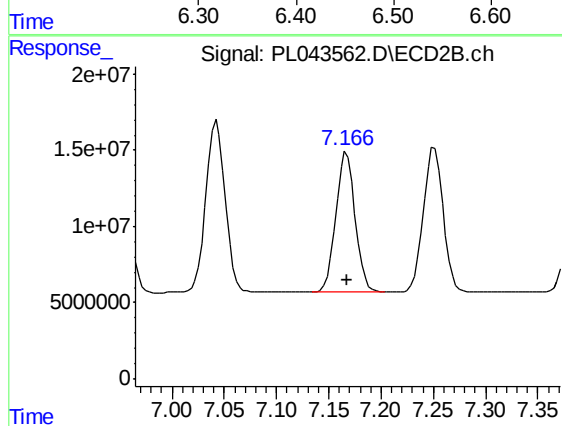
#17 4,4'-DDT

R.T.: 7.251 min  
Delta R.T.: -0.002 min  
Response: 123238155  
Conc: 55.17 ng/ml



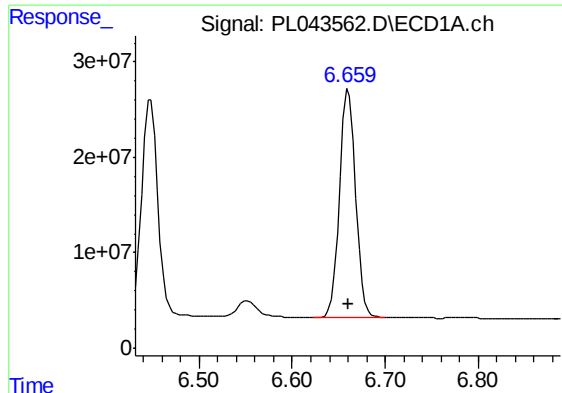
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 272737940  
Conc: 54.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 118039644  
Conc: 55.47 ng/ml



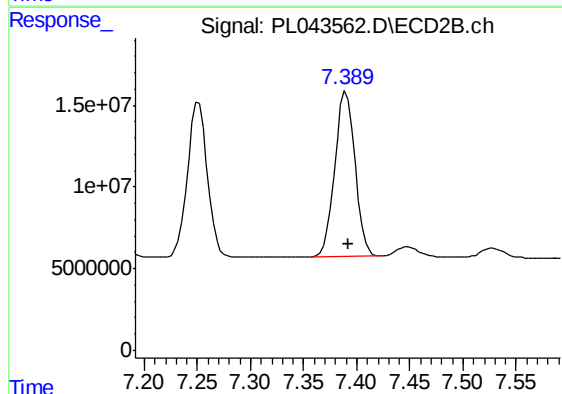
#19 Endosulfan Sulfate

R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 286575870  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

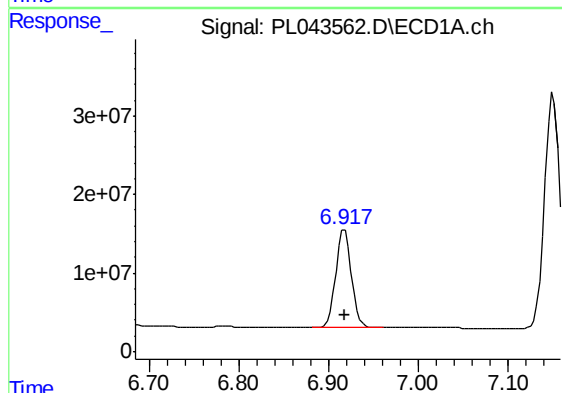
Manual Integrations  
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1/4/2019 9:25:43 AM



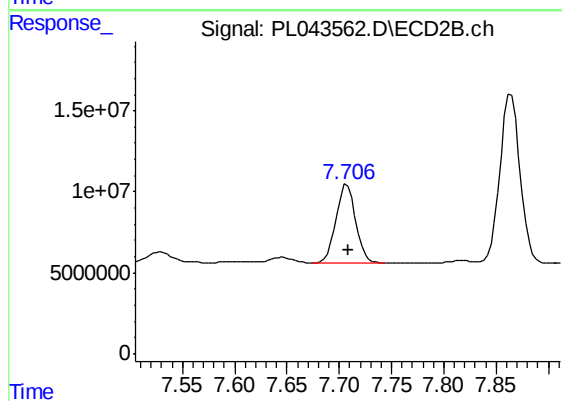
#19 Endosulfan Sulfate

R.T.: 7.390 min  
Delta R.T.: -0.002 min  
Response: 132937654  
Conc: 52.94 ng/ml



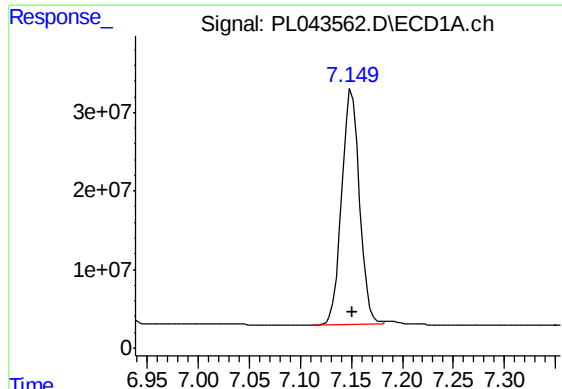
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: 0.000 min  
Response: 151596747  
Conc: 54.90 ng/ml



#20 Methoxychlor

R.T.: 7.708 min  
Delta R.T.: -0.002 min  
Response: 63154790  
Conc: 56.09 ng/ml



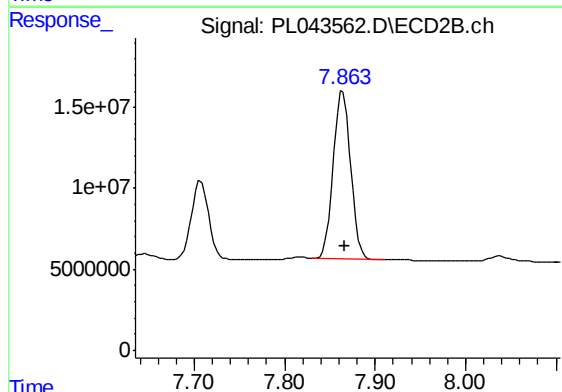
#21 Endrin ketone

R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 359498415  
Conc: 55.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

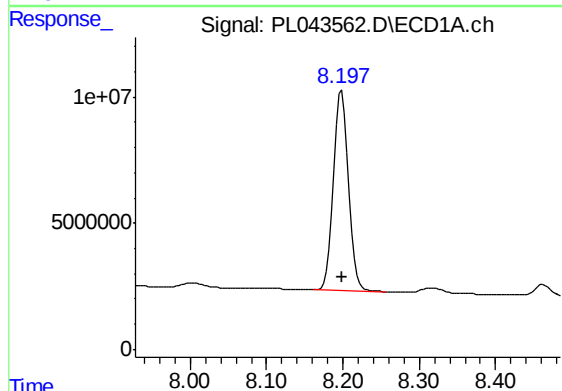
Manual Integrations  
APPROVED

Sohil  
1/4/2019 9:25:43 AM



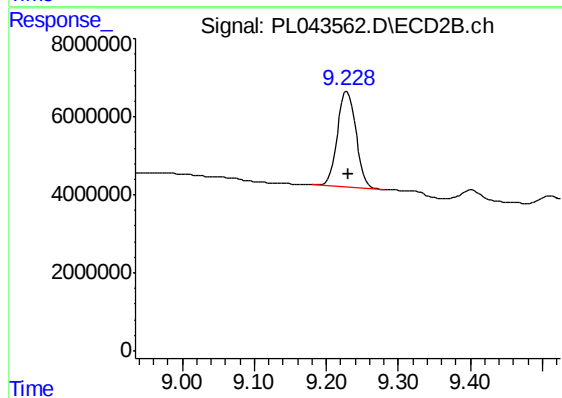
#21 Endrin ketone

R.T.: 7.865 min  
Delta R.T.: -0.002 min  
Response: 137485876  
Conc: 55.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: 0.000 min  
Response: 107996453  
Conc: 21.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.229 min  
Delta R.T.: -0.002 min  
Response: 43956844  
Conc: 19.88 ng/ml