

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080618\  
 Data File : PL038958.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2018 14:49  
 Operator : AJ\SJ  
 Sample : WATER IDOC 04  
 Misc : PB111692  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WATER IDOC 04

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 07 04:17:13 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 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... | 3.323 | 3.926 | 115.7E6 | 44915807 | 15.540  | 17.111  |
| 28)                         | SA Decachlor... | 7.987 | 8.931 | 122.4E6 | 45530016 | 16.140  | 18.626  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.752 | 4.305 | 508.9E6 | 187.9E6  | 43.075  | 48.550  |
| 3)                          | MA gamma-BHC... | 4.027 | 4.585 | 462.9E6 | 170.0E6  | 44.149m | 47.078  |
| 4)                          | MA Heptachlor   | 4.311 | 5.094 | 472.2E6 | 168.9E6  | 44.387  | 52.836  |
| 5)                          | MB Aldrin       | 4.549 | 5.397 | 459.8E6 | 158.9E6  | 43.929  | 51.492  |
| 6)                          | B beta-BHC      | 4.282 | 4.747 | 207.5E6 | 77817868 | 43.967  | 51.301  |
| 7)                          | B delta-BHC     | 4.476 | 4.962 | 488.1E6 | 169.6E6  | 44.965  | 51.132  |
| 8)                          | B Heptachlo...  | 4.985 | 5.776 | 429.2E6 | 152.0E6  | 45.517m | 53.497  |
| 9)                          | A Endosulfan I  | 5.317 | 6.129 | 401.2E6 | 127.9E6  | 46.388  | 49.737  |
| 10)                         | B gamma-Chl...  | 5.209 | 6.009 | 452.2E6 | 143.8E6  | 45.746  | 49.611  |
| 11)                         | B alpha-Chl...  | 5.265 | 6.082 | 433.5E6 | 142.3E6  | 45.800  | 49.653  |
| 12)                         | B 4,4'-DDE      | 5.432 | 6.238 | 432.9E6 | 135.8E6  | 45.154m | 50.787  |
| 13)                         | MA Dieldrin     | 5.556 | 6.383 | 439.4E6 | 134.8E6  | 45.721  | 49.520  |
| 14)                         | MA Endrin       | 5.809 | 6.597 | 399.8E6 | 121.9E6  | 46.018  | 51.052  |
| 15)                         | B Endosulfa...  | 6.083 | 6.801 | 376.2E6 | 112.2E6  | 47.444m | 46.734  |
| 16)                         | A 4,4'-DDD      | 5.943 | 6.719 | 346.6E6 | 96817926 | 47.249m | 45.233m |
| 17)                         | MA 4,4'-DDT     | 6.178 | 7.019 | 348.0E6 | 102.4E6  | 46.845  | 48.022  |
| 18)                         | B Endrin al...  | 6.252 | 6.923 | 301.5E6 | 97567710 | 47.345  | 49.999  |
| 19)                         | B Endosulfa...  | 6.462 | 7.146 | 368.6E6 | 108.0E6  | 48.804  | 49.565  |
| 20)                         | A Methoxychlor  | 6.726 | 7.475 | 186.5E6 | 66076138 | 48.480  | 58.029  |
| 21)                         | B Endrin ke...  | 6.944 | 7.610 | 440.1E6 | 111.4E6  | 56.096m | 46.723  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080618\  
Data File : PL038958.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2018 14:49  
Operator : AJ\SJ  
Sample : WATER IDOC 04  
Misc : PB111692  
ALS Vial : 12 Sample Multiplier: 1

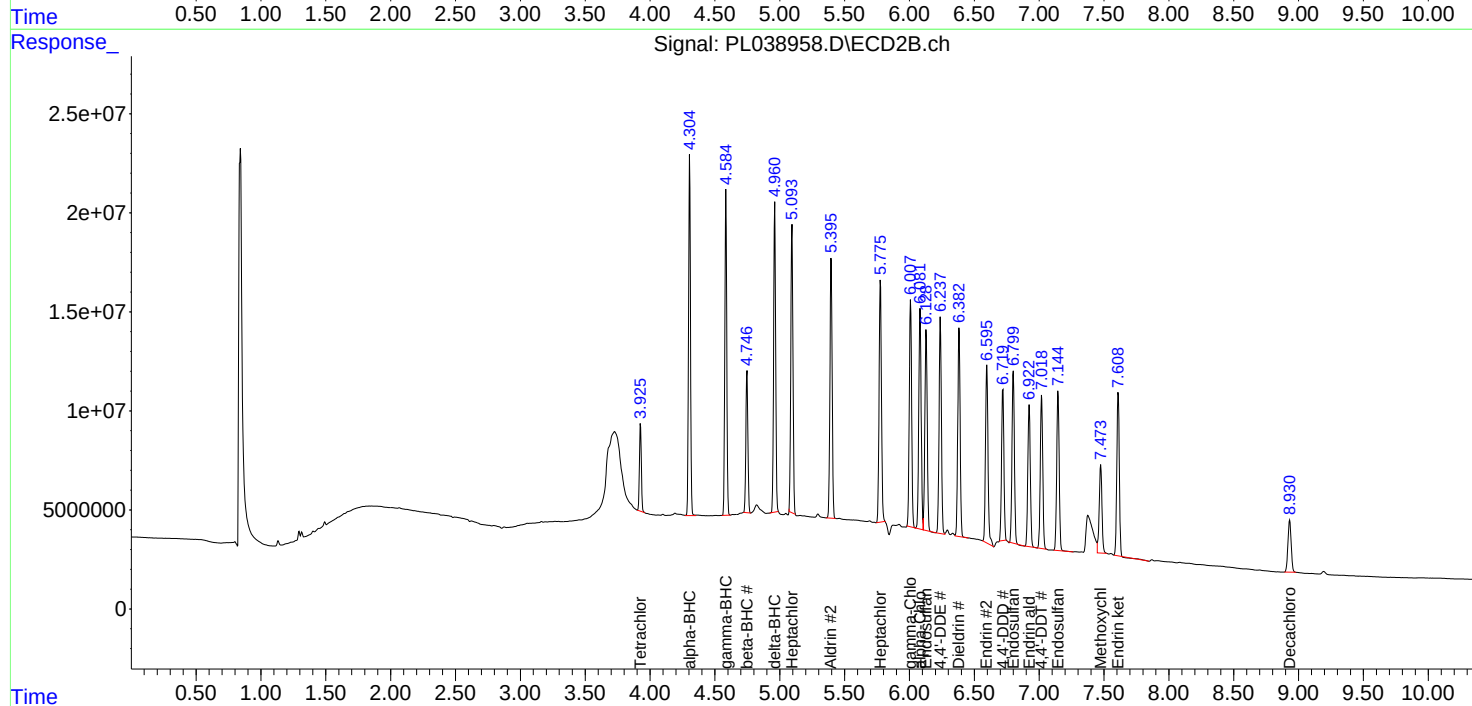
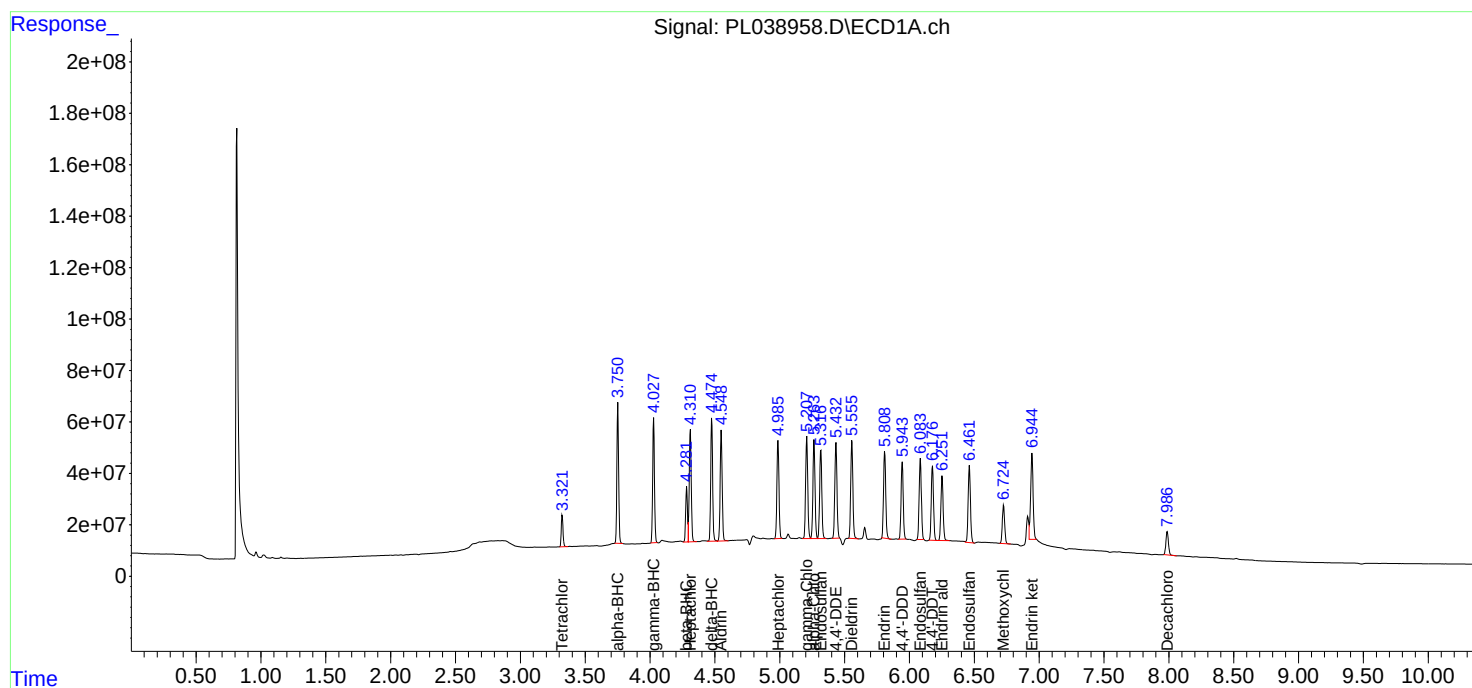
Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

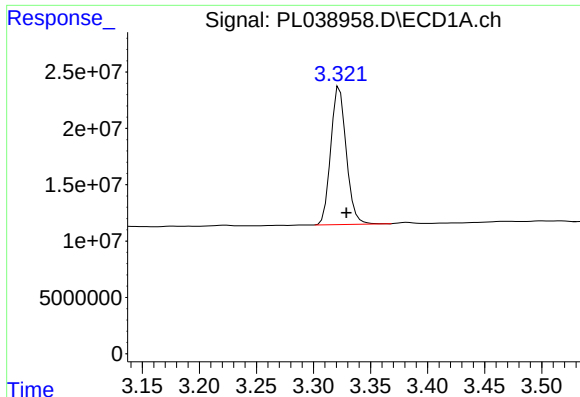
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 07 04:17:13 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





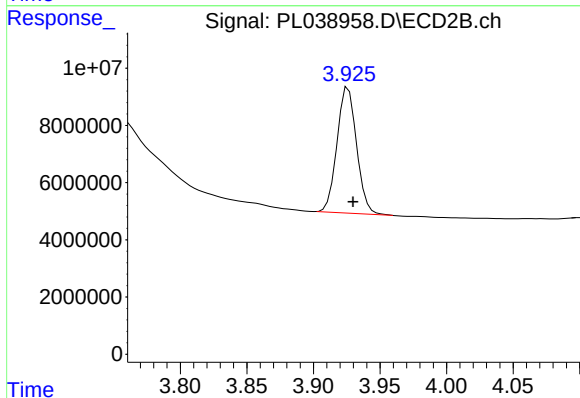
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: -0.006 min  
Response: 115714536  
Conc: 15.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

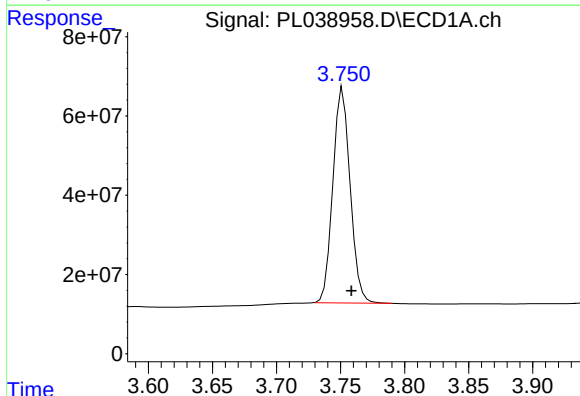
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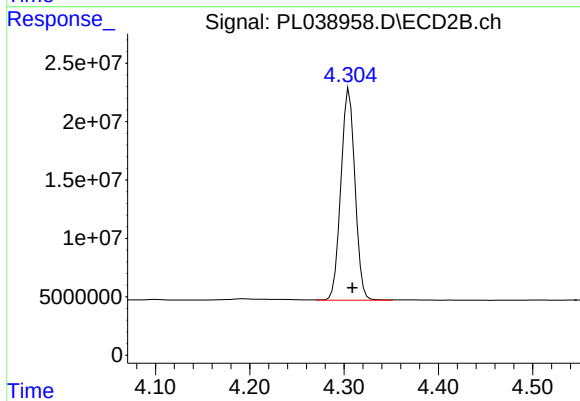
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: -0.003 min  
Response: 44915807  
Conc: 17.11 ng/ml



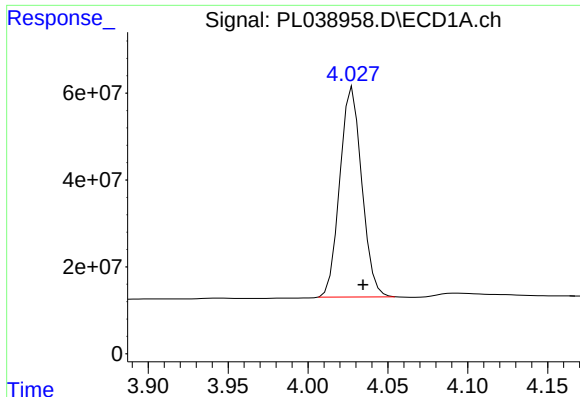
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: -0.007 min  
Response: 508946885  
Conc: 43.07 ng/ml



#2 alpha-BHC

R.T.: 4.305 min  
Delta R.T.: -0.003 min  
Response: 187894609  
Conc: 48.55 ng/ml



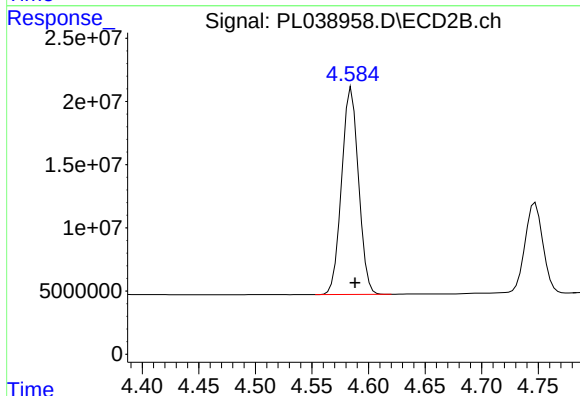
#3 gamma-BHC (Lindane)

R.T.: 4.027 min  
Delta R.T.: -0.008 min  
Response: 462855104  
Conc: 44.15 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

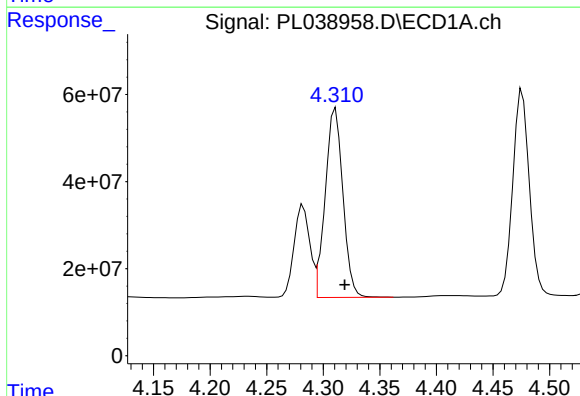
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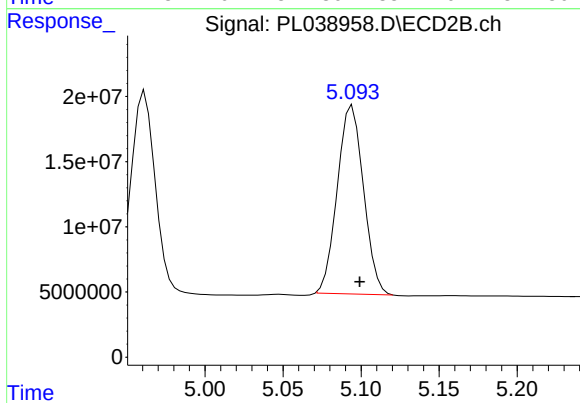
#3 gamma-BHC (Lindane)

R.T.: 4.585 min  
Delta R.T.: -0.003 min  
Response: 170035524  
Conc: 47.08 ng/ml



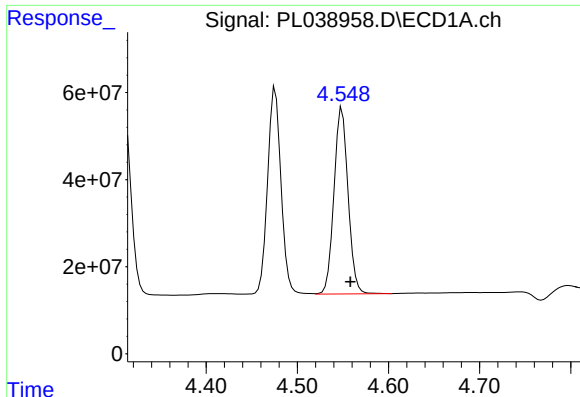
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.008 min  
Response: 472158561  
Conc: 44.39 ng/ml



#4 Heptachlor

R.T.: 5.094 min  
Delta R.T.: -0.005 min  
Response: 168877706  
Conc: 52.84 ng/ml



#5 Aldrin

R.T.: 4.549 min

Delta R.T.: -0.009 min

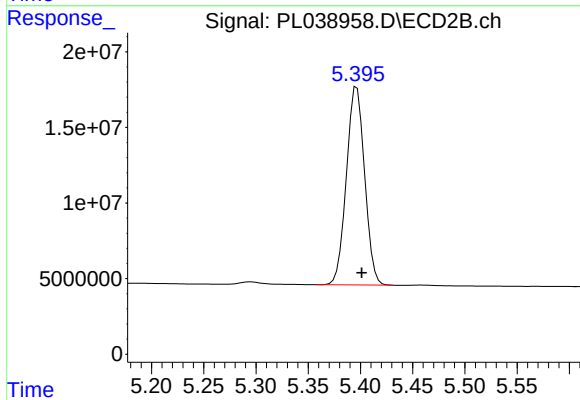
Response: 459816277

Conc: 43.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

Manual Integrations  
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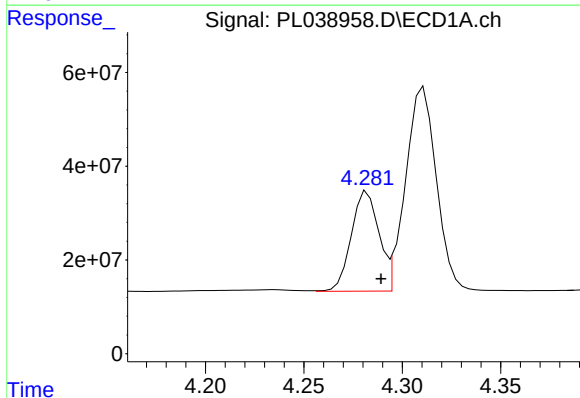
#5 Aldrin

R.T.: 5.397 min

Delta R.T.: -0.005 min

Response: 158914920

Conc: 51.49 ng/ml



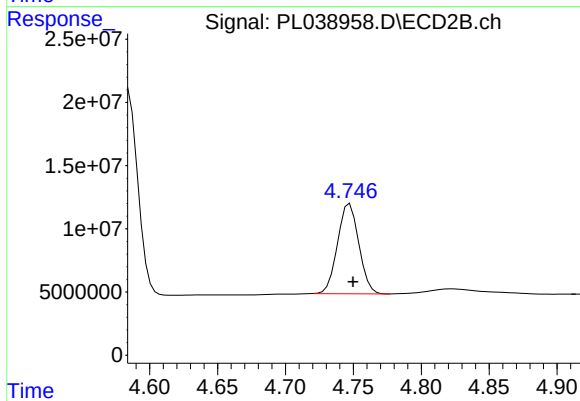
#6 beta-BHC

R.T.: 4.282 min

Delta R.T.: -0.007 min

Response: 207541387

Conc: 43.97 ng/ml



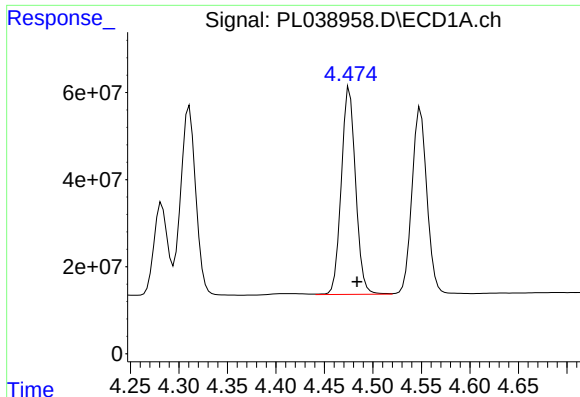
#6 beta-BHC

R.T.: 4.747 min

Delta R.T.: -0.002 min

Response: 77817868

Conc: 51.30 ng/ml



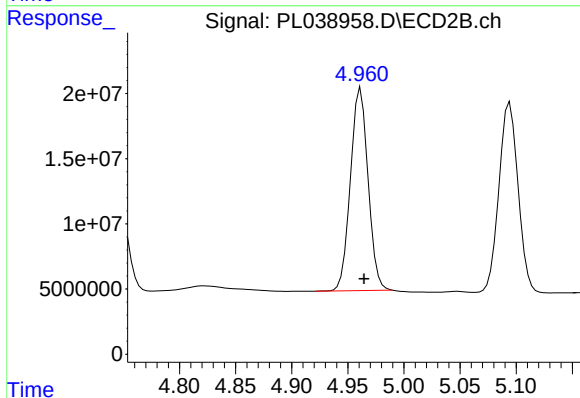
#7 delta-BHC

R.T.: 4.476 min  
Delta R.T.: -0.008 min  
Response: 488060691  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

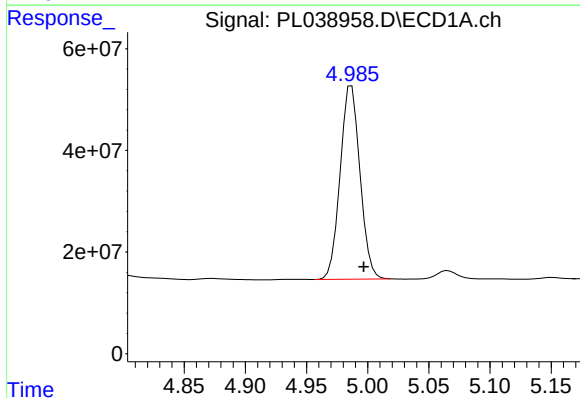
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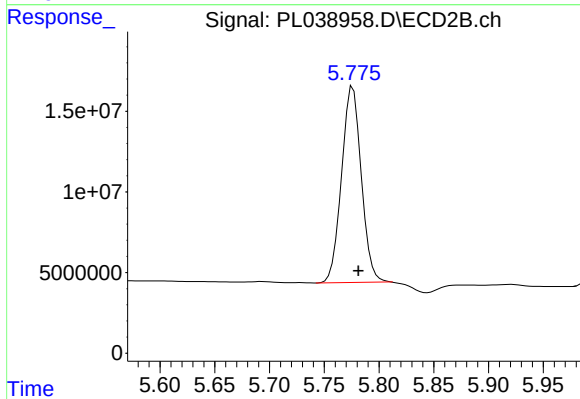
#7 delta-BHC

R.T.: 4.962 min  
Delta R.T.: -0.003 min  
Response: 169584562  
Conc: 51.13 ng/ml



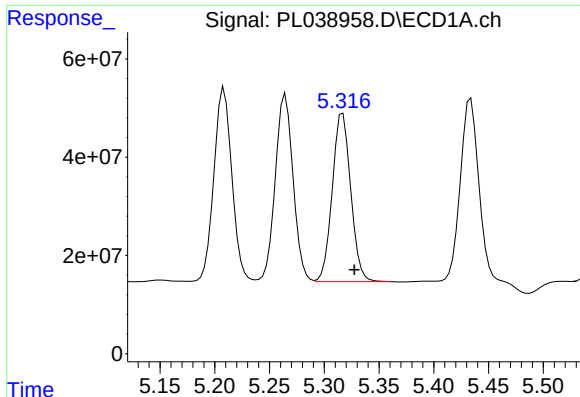
#8 Heptachlor epoxide

R.T.: 4.985 min  
Delta R.T.: -0.011 min  
Response: 429156190  
Conc: 45.52 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.776 min  
Delta R.T.: -0.005 min  
Response: 152034262  
Conc: 53.50 ng/ml



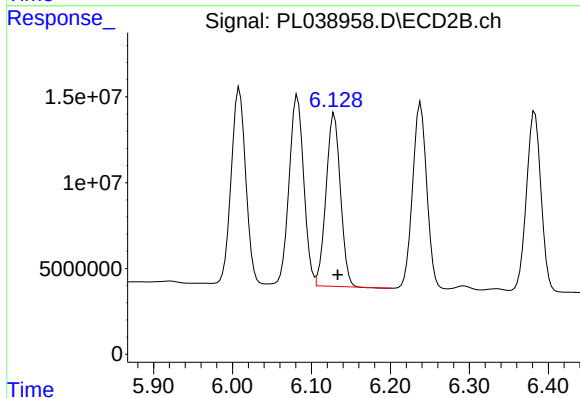
#9 Endosulfan I

R.T.: 5.317 min  
Delta R.T.: -0.011 min  
Response: 401240863  
Conc: 46.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

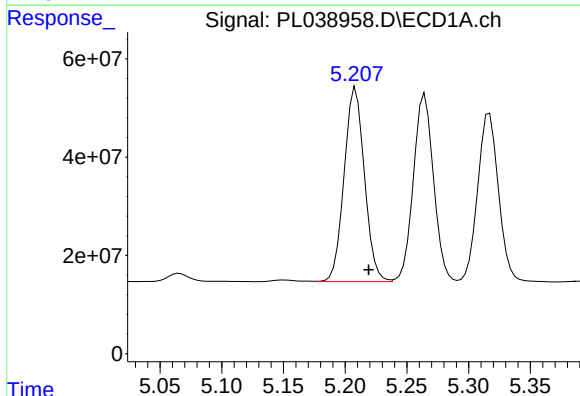
Manual Integrations  
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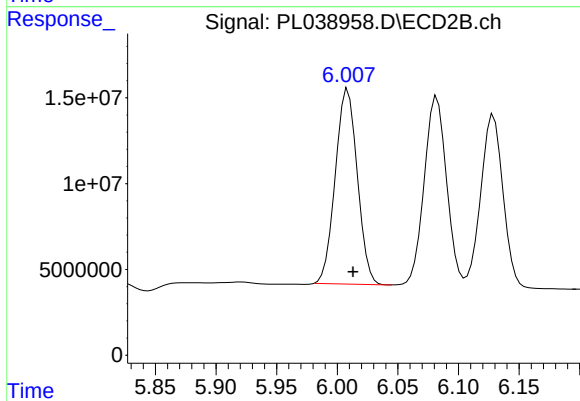
#9 Endosulfan I

R.T.: 6.129 min  
Delta R.T.: -0.005 min  
Response: 127912424  
Conc: 49.74 ng/ml



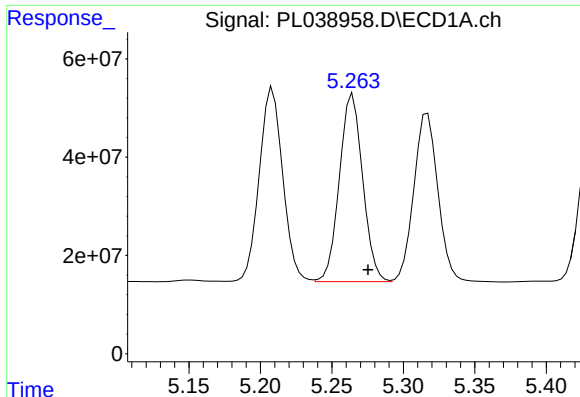
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.011 min  
Response: 452154485  
Conc: 45.75 ng/ml



#10 gamma-Chlordane

R.T.: 6.009 min  
Delta R.T.: -0.004 min  
Response: 143833496  
Conc: 49.61 ng/ml



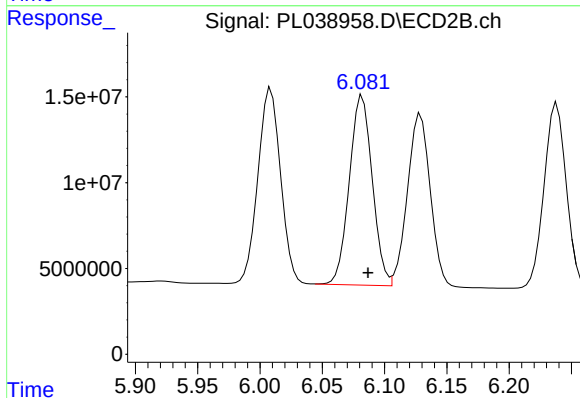
#11 alpha-Chlordane

R.T.: 5.265 min  
Delta R.T.: -0.011 min  
Response: 433528064  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

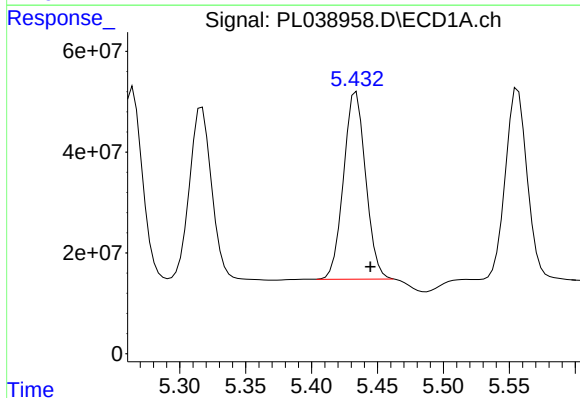
Manual Integrations  
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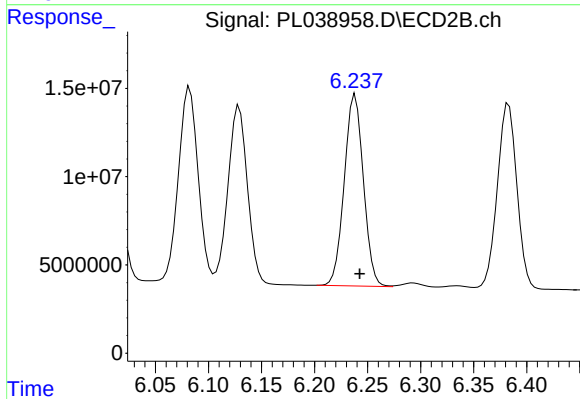
#11 alpha-Chlordane

R.T.: 6.082 min  
Delta R.T.: -0.004 min  
Response: 142315609  
Conc: 49.65 ng/ml



#12 4,4'-DDE

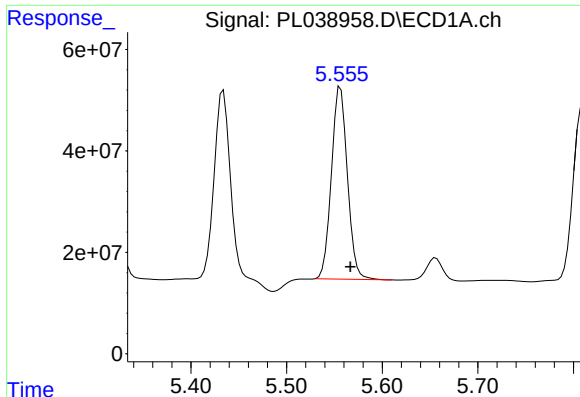
R.T.: 5.432 min  
Delta R.T.: -0.012 min  
Response: 432928552  
Conc: 45.15 ng/ml m



#12 4,4'-DDE

R.T.: 6.238 min  
Delta R.T.: -0.004 min  
Response: 135808759  
Conc: 50.79 ng/ml





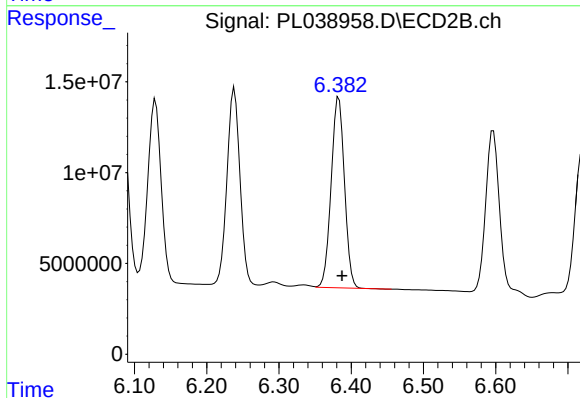
#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: -0.010 min  
Response: 439386366  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

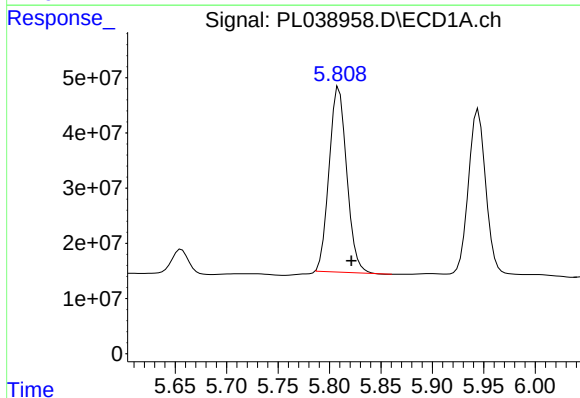
Manual Integrations  
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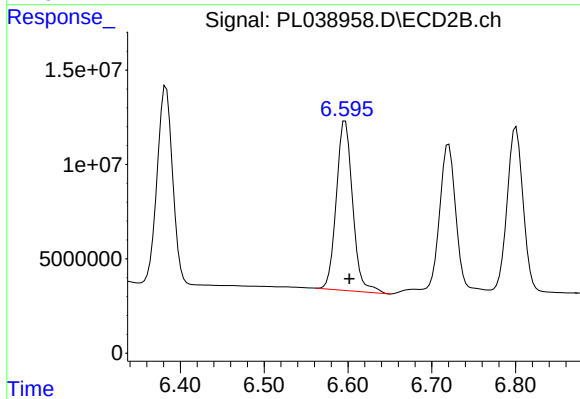
#13 Dieldrin

R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 134782611  
Conc: 49.52 ng/ml



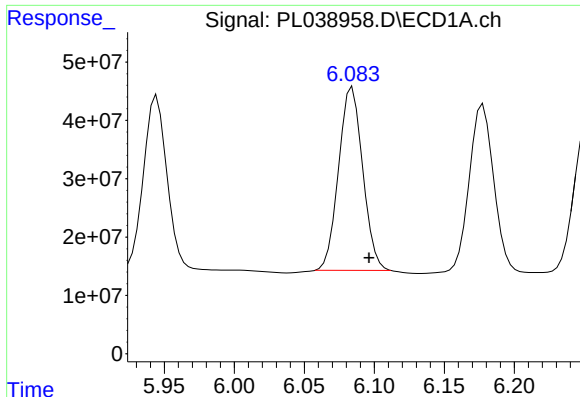
#14 Endrin

R.T.: 5.809 min  
Delta R.T.: -0.012 min  
Response: 399822018  
Conc: 46.02 ng/ml



#14 Endrin

R.T.: 6.597 min  
Delta R.T.: -0.005 min  
Response: 121918906  
Conc: 51.05 ng/ml



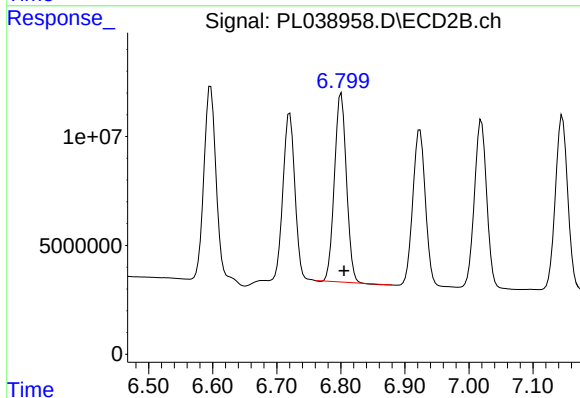
#15 Endosulfan II

R.T.: 6.083 min  
Delta R.T.: -0.013 min  
Response: 376238077  
Conc: 47.44 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

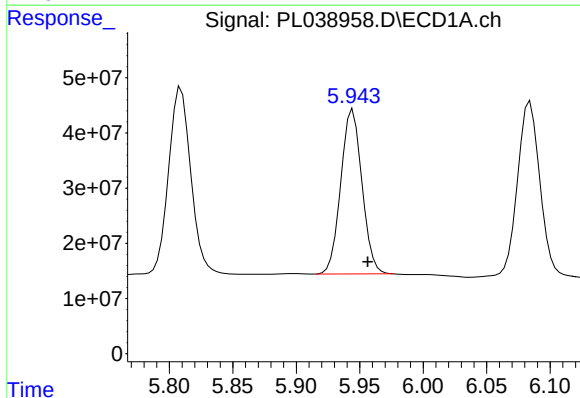
Manual Integrations  
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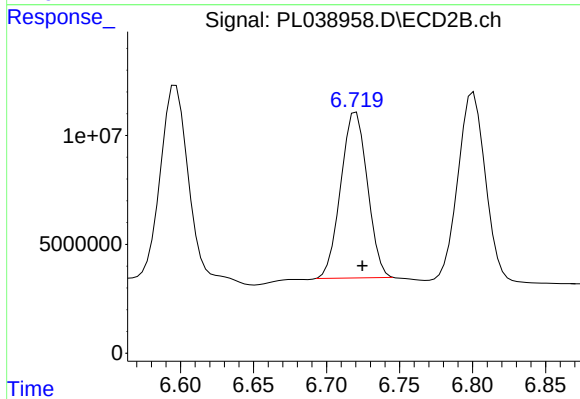
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: -0.005 min  
Response: 112228077  
Conc: 46.73 ng/ml



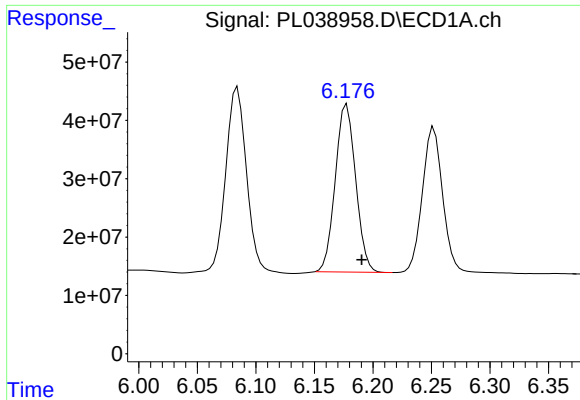
#16 4,4'-DDD

R.T.: 5.943 min  
Delta R.T.: -0.013 min  
Response: 346603469  
Conc: 47.25 ng/ml m



#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: -0.006 min  
Response: 96817926  
Conc: 45.23 ng/ml m



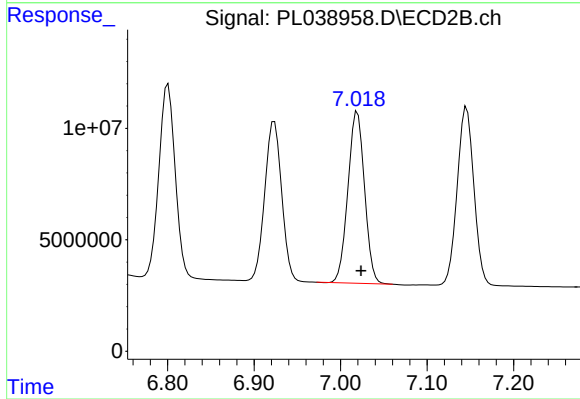
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.013 min  
Response: 347999700  
Conc: 46.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

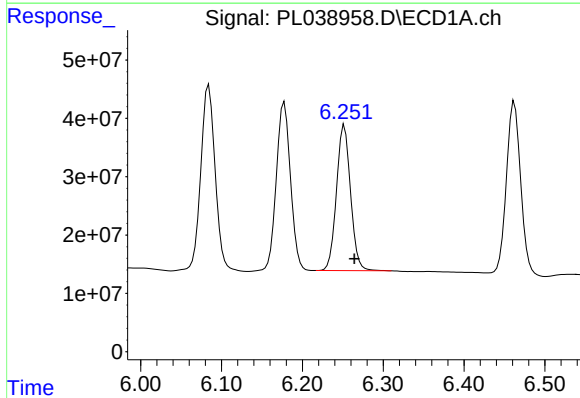
Manual Integrations  
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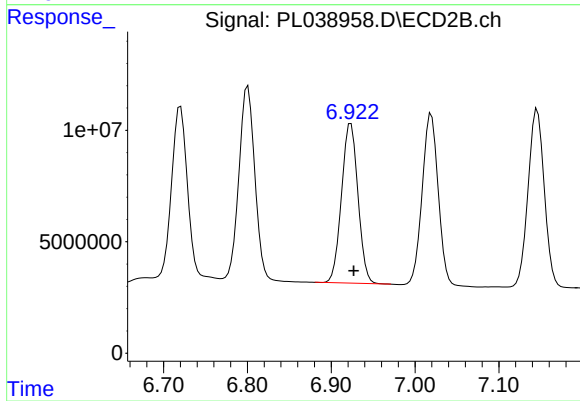
#17 4,4'-DDT

R.T.: 7.019 min  
Delta R.T.: -0.004 min  
Response: 102385242  
Conc: 48.02 ng/ml



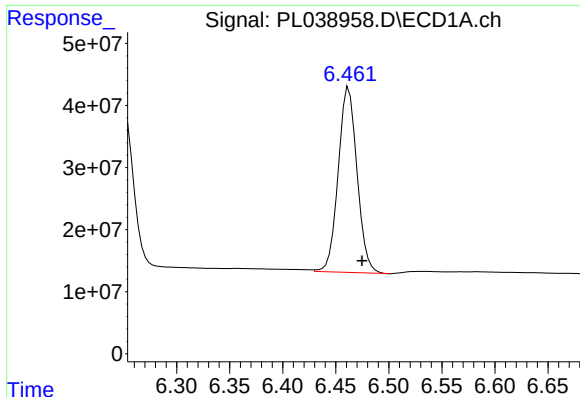
#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: -0.012 min  
Response: 301476181  
Conc: 47.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: -0.004 min  
Response: 97567710  
Conc: 50.00 ng/ml



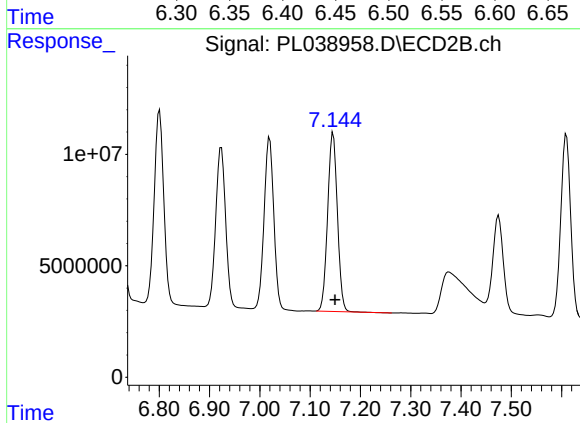
#19 Endosulfan Sulfate

R.T.: 6.462 min  
Delta R.T.: -0.013 min  
Response: 368633265  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

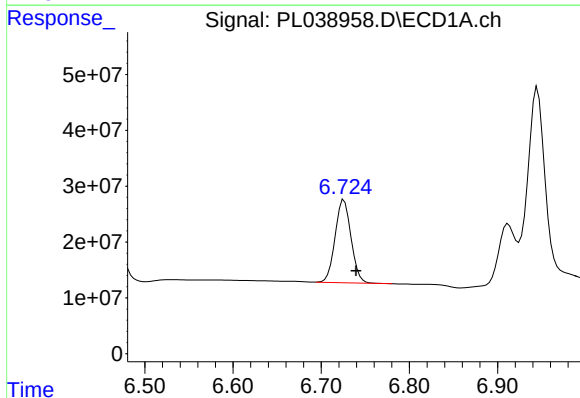
Manual Integrations  
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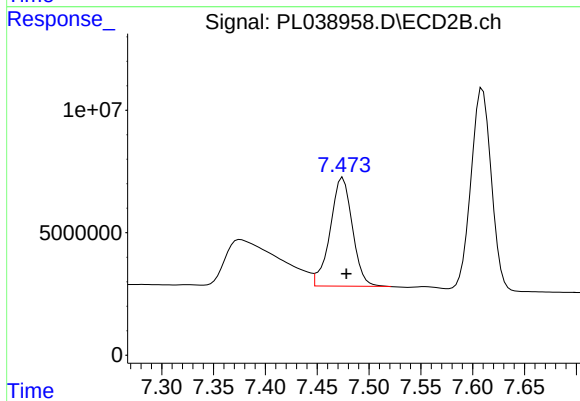
#19 Endosulfan Sulfate

R.T.: 7.146 min  
Delta R.T.: -0.004 min  
Response: 108041835  
Conc: 49.57 ng/ml



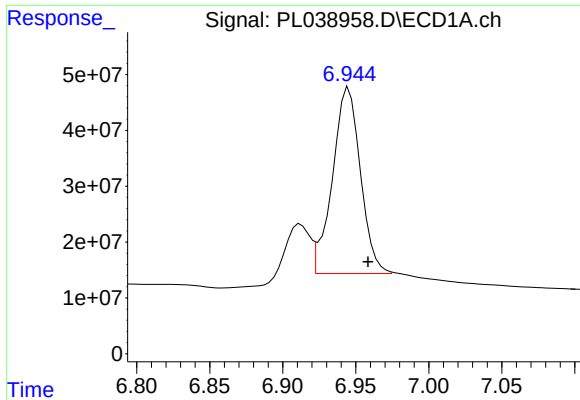
#20 Methoxychlor

R.T.: 6.726 min  
Delta R.T.: -0.014 min  
Response: 186527216  
Conc: 48.48 ng/ml



#20 Methoxychlor

R.T.: 7.475 min  
Delta R.T.: -0.004 min  
Response: 66076138  
Conc: 58.03 ng/ml



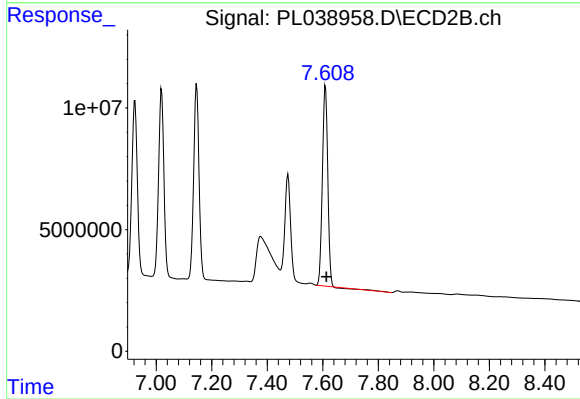
#21 Endrin ketone

R.T.: 6.944 min  
Delta R.T.: -0.015 min  
Response: 440126286  
Conc: 56.10 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 04

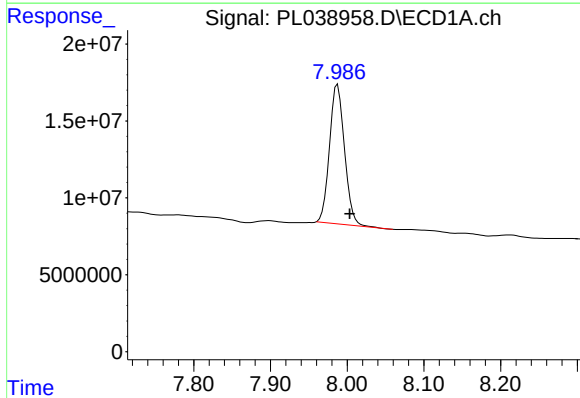
Manual Integrations  
APPROVED

Sohil  
8/7/2018 2:36:39 PM



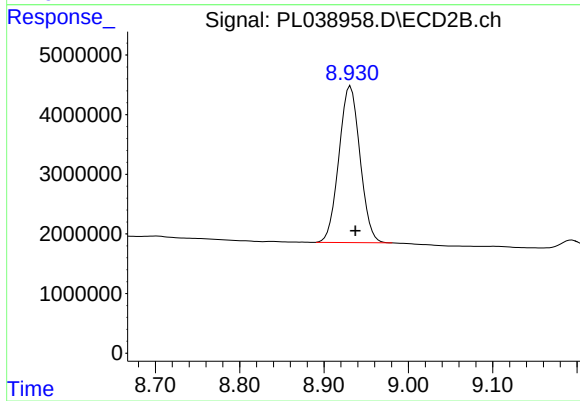
#21 Endrin ketone

R.T.: 7.610 min  
Delta R.T.: -0.004 min  
Response: 111366449  
Conc: 46.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.987 min  
Delta R.T.: -0.016 min  
Response: 122433365  
Conc: 16.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.931 min  
Delta R.T.: -0.006 min  
Response: 45530016  
Conc: 18.63 ng/ml