

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041619\  
 Data File : PL047426.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2019 12:12  
 Operator : AJ\SJ  
 Sample : K1560-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 02:00:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.357 | 3.975 | 166.5E6  | 51615421 | 22.889 | 22.543  |
| 28)                         | SA Decachlor... | 8.036 | 9.029 | 203.5E6  | 60128778 | 24.190 | 25.935  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.785 | 4.364 | 12981071 | 2640521  | 1.113  | 0.822 # |
| 3)                          | MA gamma-BHC... | 4.063 | 4.649 | 8581829  | 2602671  | 0.799  | 0.870   |
| 4)                          | MA Heptachlor   | 4.350 | 5.155 | 10297369 | 3339603  | 0.934  | 1.086   |
| 5)                          | MB Aldrin       | 4.590 | 5.459 | 8970610  | 2913277  | 0.870  | 1.017   |
| 6)                          | B beta-BHC      | 4.317 | 4.823 | 4823402  | 931018   | 1.071  | 0.702 # |
| 7)                          | B delta-BHC     | 4.511 | 5.038 | 7350145  | 949737   | 0.726  | 0.409m# |
| 8)                          | B Heptachlor... | 5.028 | 5.843 | 9768336  | 2378642  | 1.002  | 0.902m  |
| 9)                          | A Endosulfan I  | 5.359 | 6.201 | 9189488  | 2845568  | 0.977  | 1.090   |
| 10)                         | B gamma-Chl...  | 5.251 | 6.078 | 10174508 | 3290134  | 0.990  | 1.159m  |
| 11)                         | B alpha-Chl...  | 5.307 | 6.151 | 10151292 | 3182261  | 1.001  | 1.122   |
| 12)                         | B 4,4'-DDE      | 5.472 | 6.310 | 8267312  | 2521834  | 0.898m | 1.016   |
| 13)                         | MA Dieldrin     | 5.599 | 6.458 | 8928075  | 2764754  | 0.890  | 1.020   |
| 14)                         | MA Endrin       | 5.853 | 6.676 | 8634430  | 2410746  | 0.917  | 1.009   |
| 15)                         | B Endosulfa...  | 6.127 | 6.887 | 8931791  | 2723692  | 0.997  | 1.129   |
| 16)                         | A 4,4'-DDD      | 5.985 | 6.800 | 6671095  | 2114466  | 0.883  | 1.051   |
| 17)                         | MA 4,4'-DDT     | 6.220 | 7.098 | 5236790  | 1865944  | 0.691  | 0.890 # |
| 18)                         | B Endrin al...  | 6.294 | 7.010 | 7727215  | 2373750  | 1.031  | 1.118   |
| 19)                         | B Endosulfa...  | 6.506 | 7.233 | 8948707  | 2744475  | 1.090  | 1.163   |
| 20)                         | A Methoxychlor  | 6.764 | 7.556 | 3993450  | 1390266  | 0.940m | 1.091m  |
| 21)                         | B Endrin ke...  | 6.989 | 7.702 | 8661363  | 2637606  | 0.937  | 1.062m  |
| 22)                         | Mirex           | 7.165 | 8.155 | 9140884  | 2691201  | 1.255  | 1.345   |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041619\  
Data File : PL047426.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2019 12:12  
Operator : AJ\SJ  
Sample : K1560-07  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

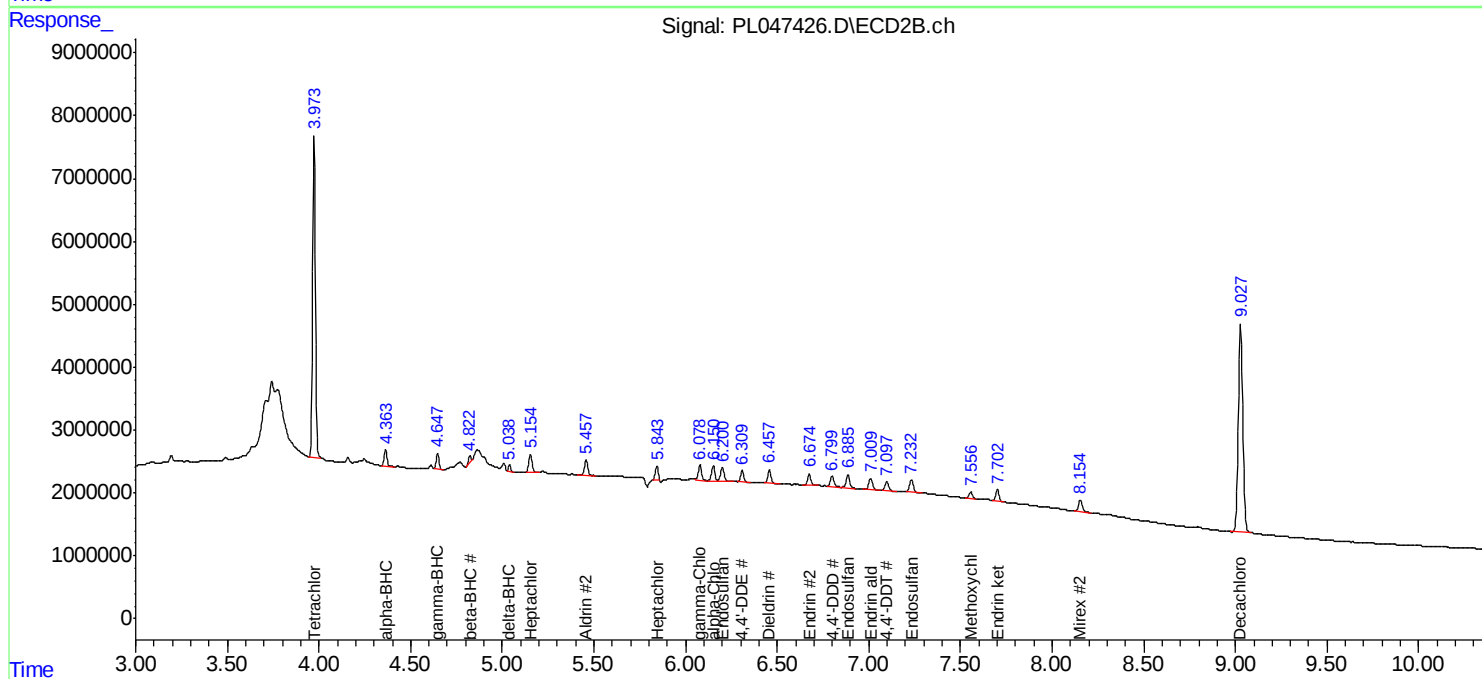
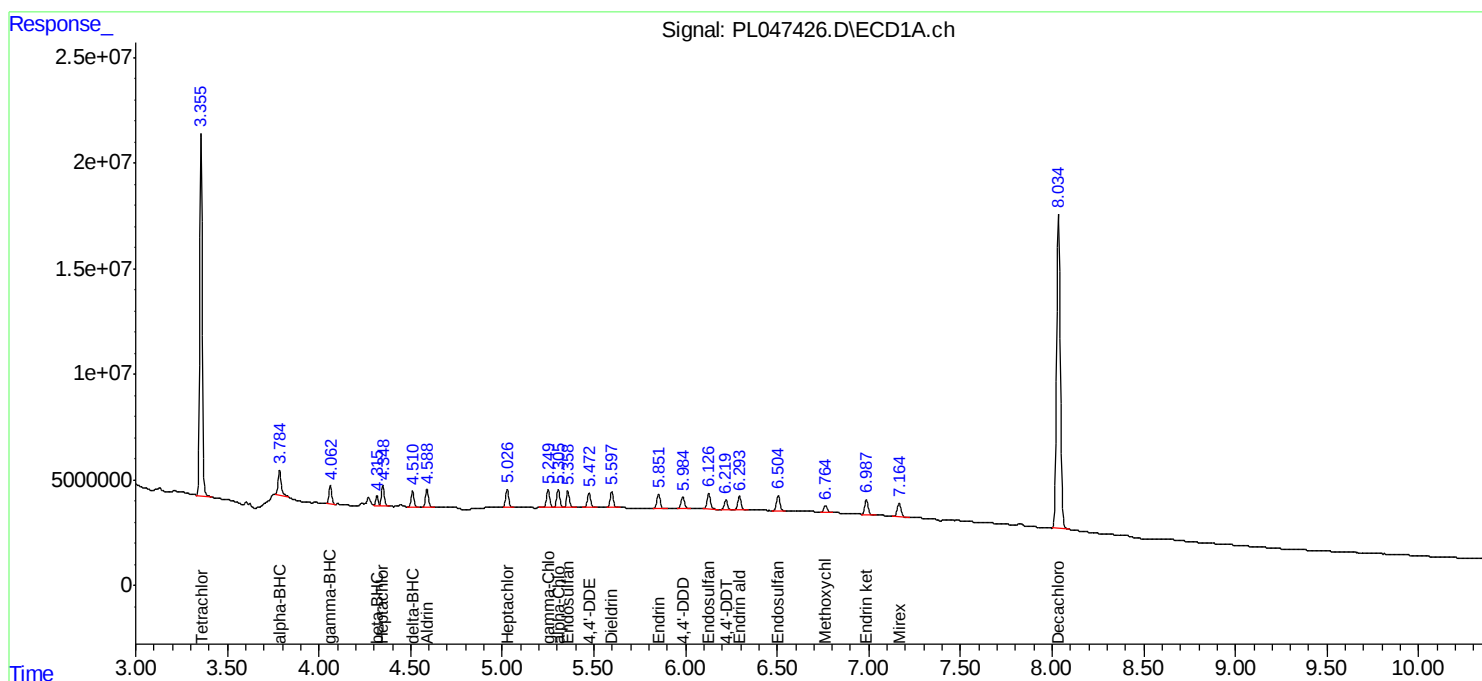
Instrument :  
ECD\_L  
ClientSampled :  
LOD-MDL-WATER-01-QT1-2019

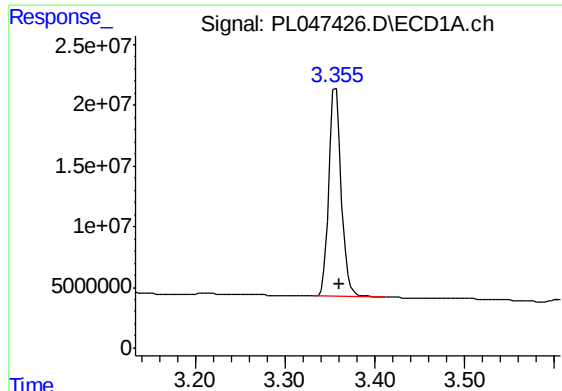
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 02:00:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





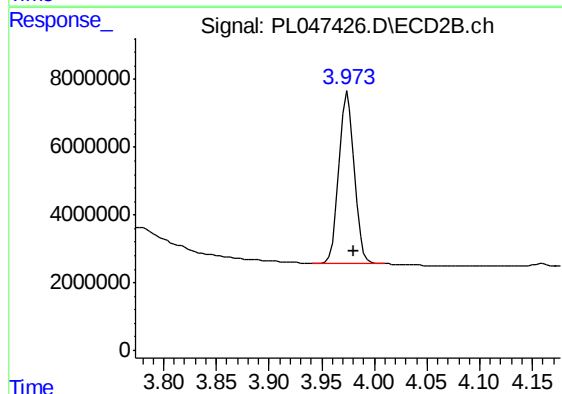
#1 Tetrachloro-m-xylene

R.T.: 3.357 min  
Delta R.T.: -0.005 min  
Response: 166508854  
Conc: 22.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

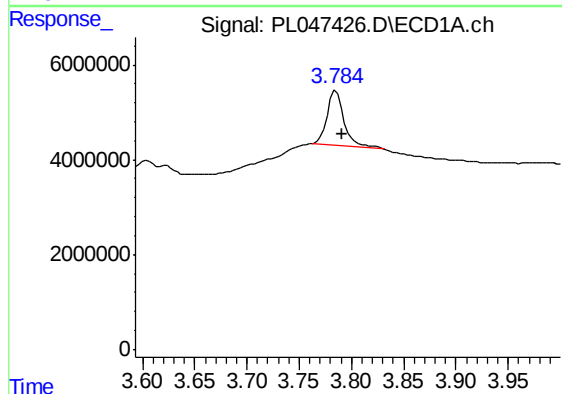
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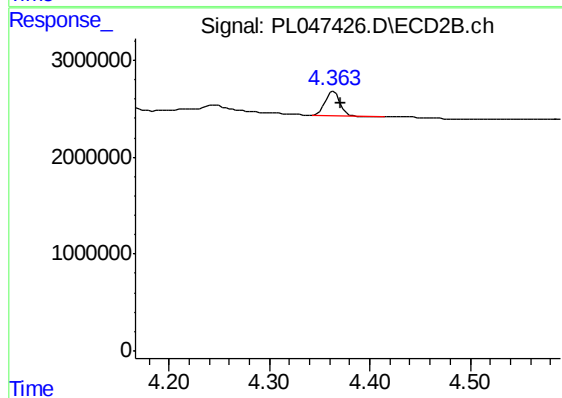
#1 Tetrachloro-m-xylene

R.T.: 3.975 min  
Delta R.T.: -0.006 min  
Response: 51615421  
Conc: 22.54 ng/ml



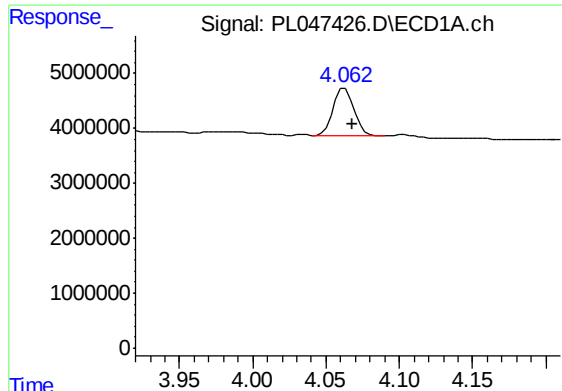
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 12981071  
Conc: 1.11 ng/ml



#2 alpha-BHC

R.T.: 4.364 min  
Delta R.T.: -0.007 min  
Response: 2640521  
Conc: 0.82 ng/ml



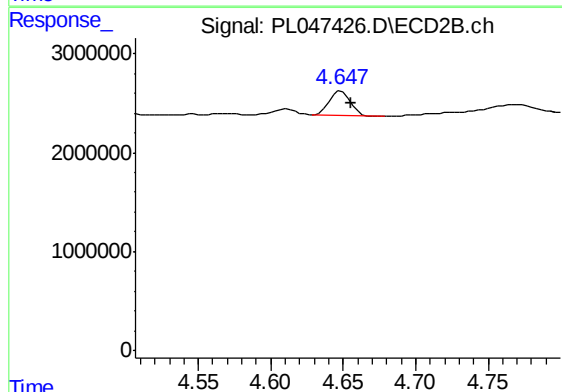
#3 gamma-BHC (Lindane)

R.T.: 4.063 min  
Delta R.T.: -0.005 min  
Response: 8581829  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

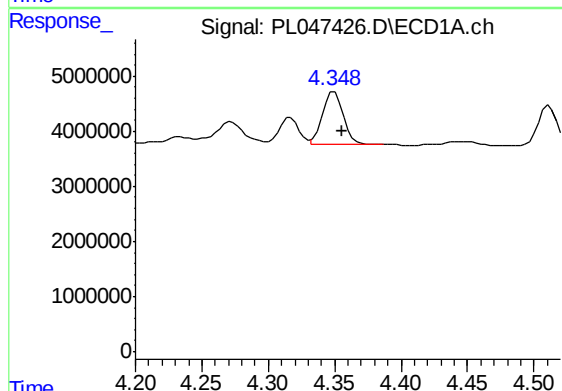
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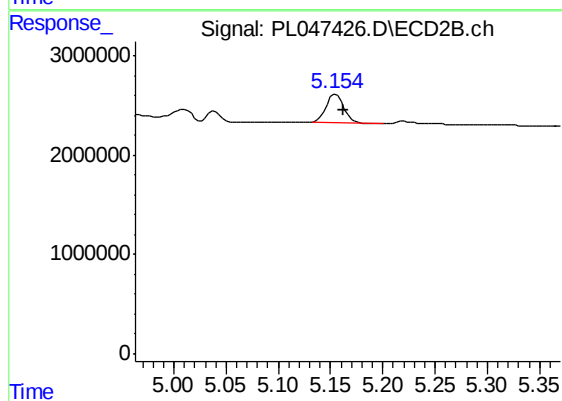
#3 gamma-BHC (Lindane)

R.T.: 4.649 min  
Delta R.T.: -0.007 min  
Response: 2602671  
Conc: 0.87 ng/ml



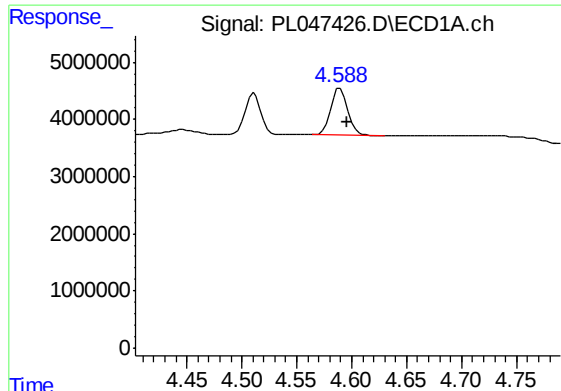
#4 Heptachlor

R.T.: 4.350 min  
Delta R.T.: -0.006 min  
Response: 10297369  
Conc: 0.93 ng/ml



#4 Heptachlor

R.T.: 5.155 min  
Delta R.T.: -0.007 min  
Response: 3339603  
Conc: 1.09 ng/ml



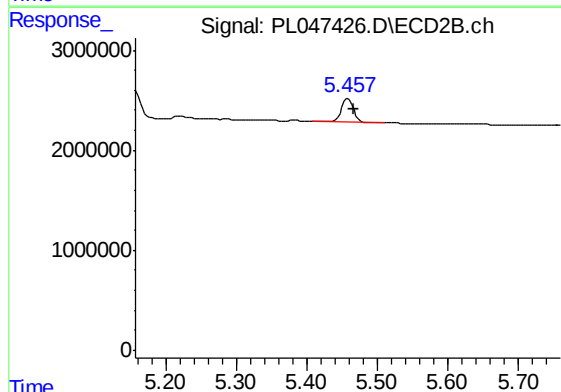
#5 Aldrin

R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 8970610  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

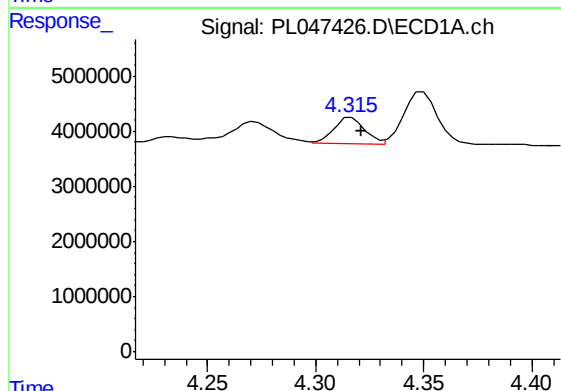
Manual Integrations  
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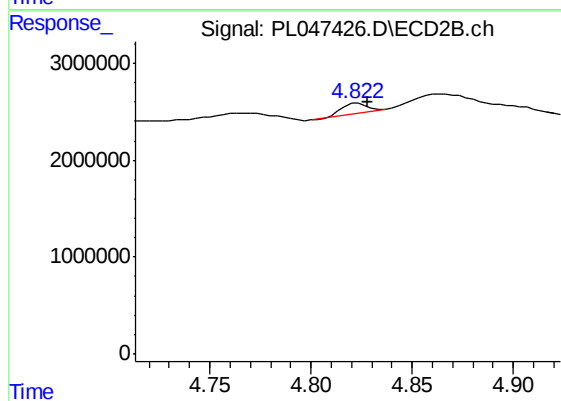
#5 Aldrin

R.T.: 5.459 min  
Delta R.T.: -0.008 min  
Response: 2913277  
Conc: 1.02 ng/ml



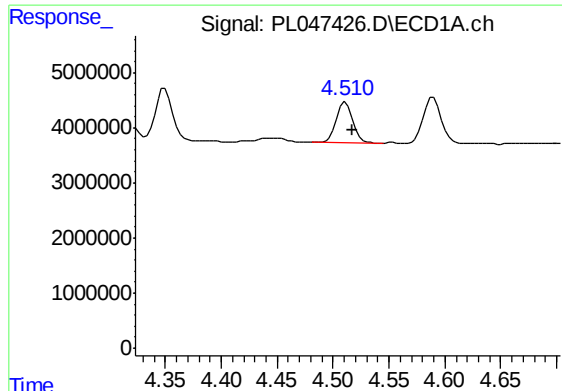
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 4823402  
Conc: 1.07 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 931018  
Conc: 0.70 ng/ml



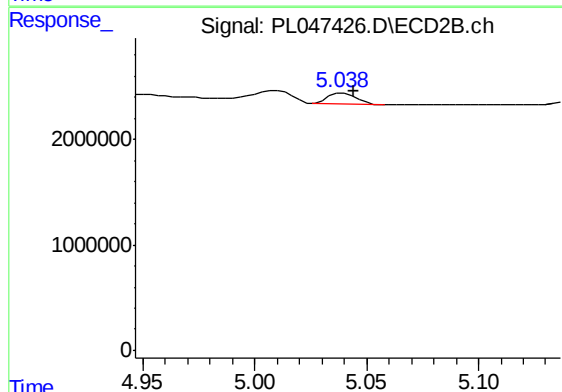
#7 delta-BHC

R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 7350145  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

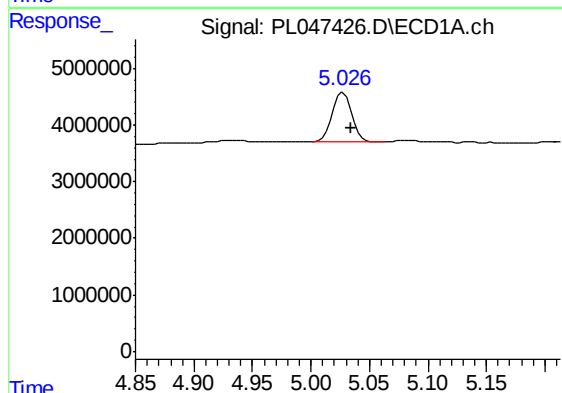
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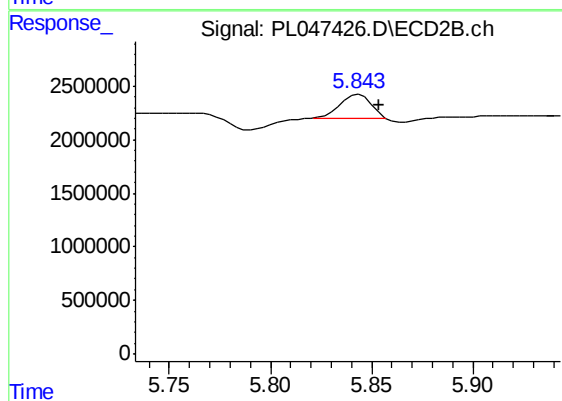
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.006 min  
Response: 949737  
Conc: 0.41 ng/ml m



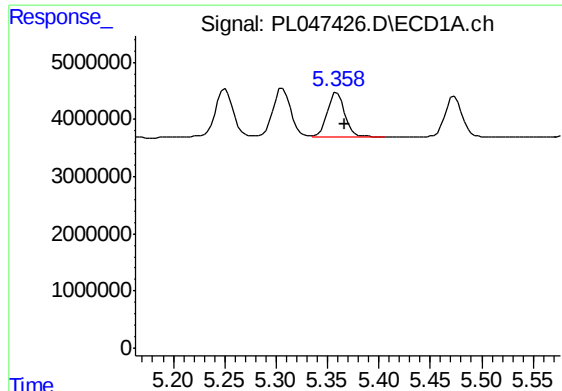
#8 Heptachlor epoxide

R.T.: 5.028 min  
Delta R.T.: -0.006 min  
Response: 9768336  
Conc: 1.00 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min  
Delta R.T.: -0.011 min  
Response: 2378642  
Conc: 0.90 ng/ml m



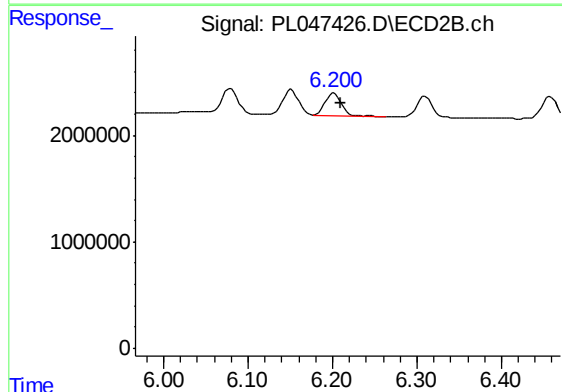
#9 Endosulfan I

R.T.: 5.359 min  
Delta R.T.: -0.007 min  
Response: 9189488  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

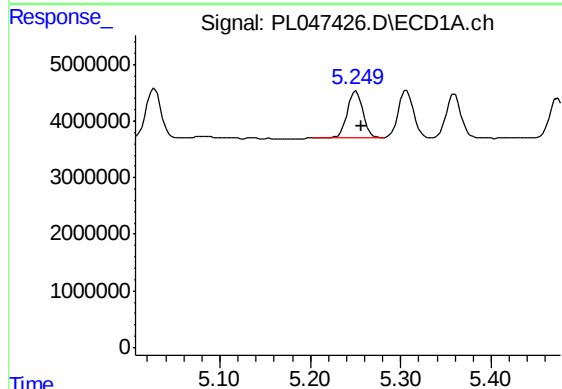
Manual Integrations  
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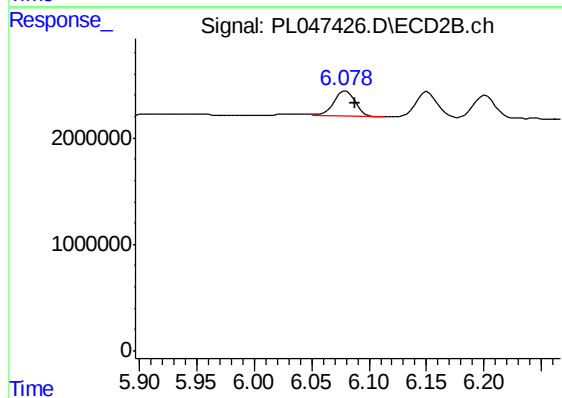
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: -0.009 min  
Response: 2845568  
Conc: 1.09 ng/ml



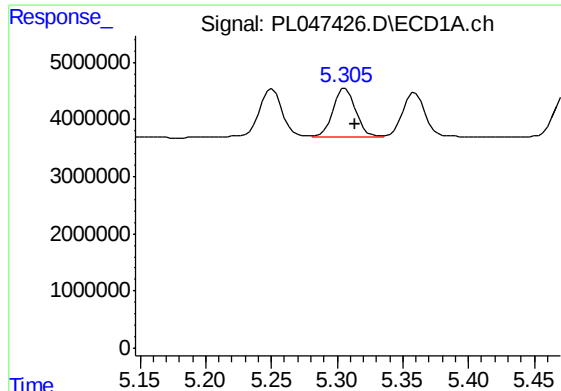
#10 gamma-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 10174508  
Conc: 0.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.078 min  
Delta R.T.: -0.009 min  
Response: 3290134  
Conc: 1.16 ng/ml m



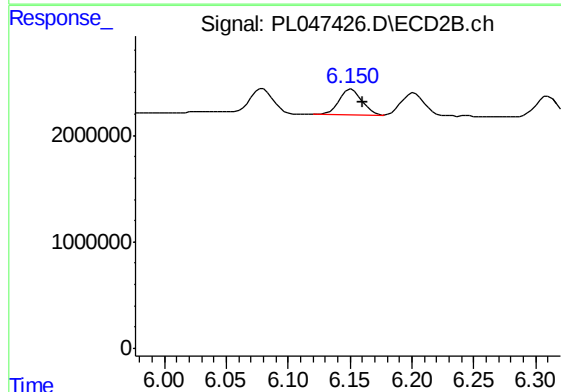
#11 alpha-Chlordane

R.T.: 5.307 min  
Delta R.T.: -0.007 min  
Response: 10151292  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

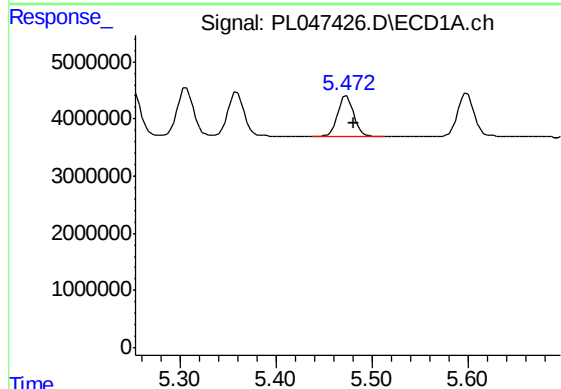
Manual Integrations  
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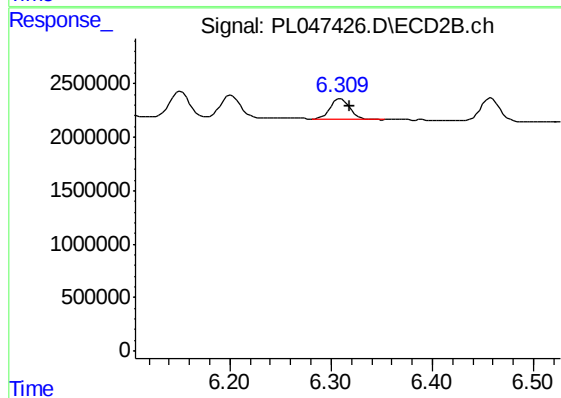
#11 alpha-Chlordane

R.T.: 6.151 min  
Delta R.T.: -0.009 min  
Response: 3182261  
Conc: 1.12 ng/ml



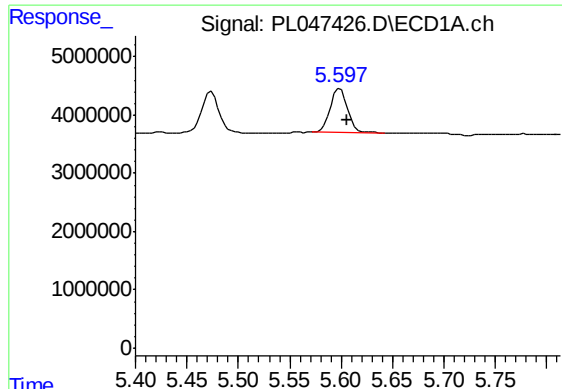
#12 4,4'-DDE

R.T.: 5.472 min  
Delta R.T.: -0.008 min  
Response: 8267312  
Conc: 0.90 ng/ml m



#12 4,4'-DDE

R.T.: 6.310 min  
Delta R.T.: -0.008 min  
Response: 2521834  
Conc: 1.02 ng/ml



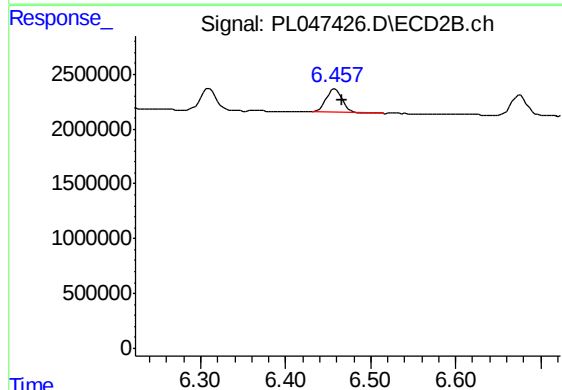
#13 Dieldrin

R.T.: 5.599 min  
Delta R.T.: -0.007 min  
Response: 8928075  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

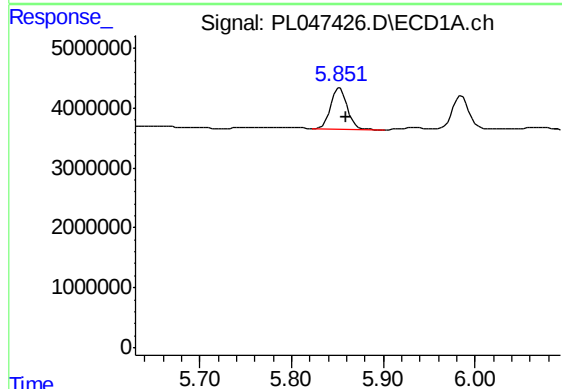
Manual Integrations  
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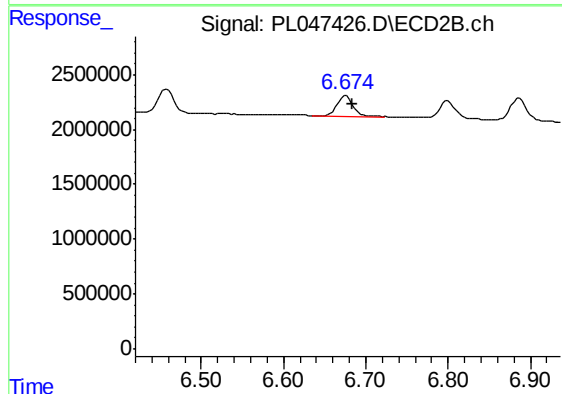
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: -0.009 min  
Response: 2764754  
Conc: 1.02 ng/ml



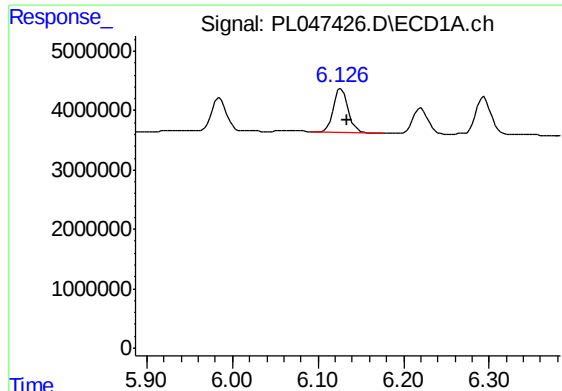
#14 Endrin

R.T.: 5.853 min  
Delta R.T.: -0.007 min  
Response: 8634430  
Conc: 0.92 ng/ml



#14 Endrin

R.T.: 6.676 min  
Delta R.T.: -0.009 min  
Response: 2410746  
Conc: 1.01 ng/ml



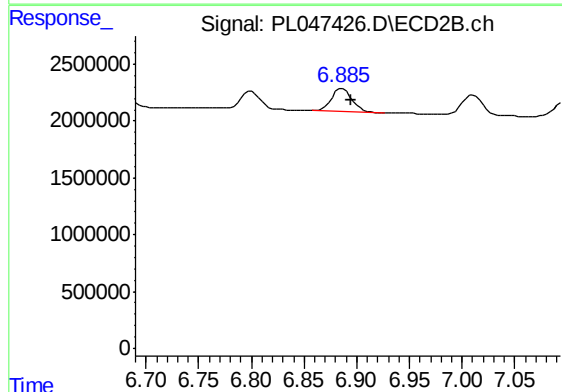
#15 Endosulfan II

R.T.: 6.127 min  
Delta R.T.: -0.007 min  
Response: 8931791  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

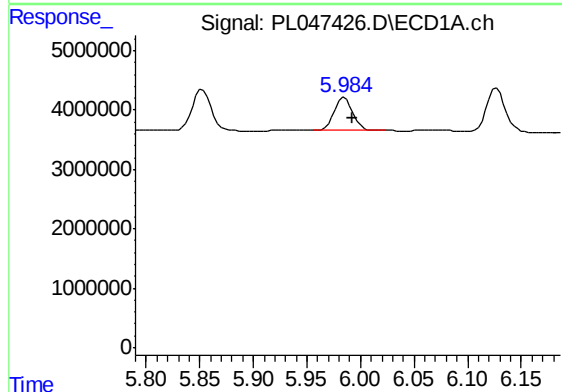
Manual Integrations  
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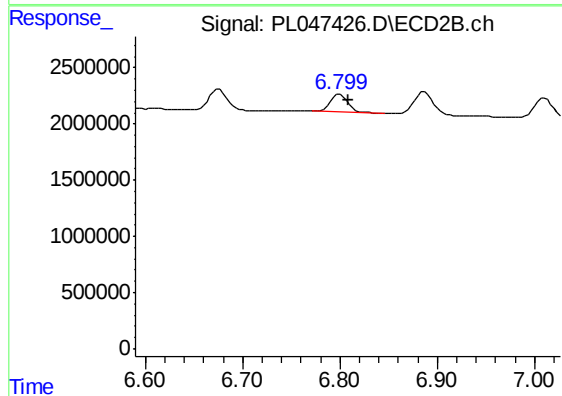
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: -0.008 min  
Response: 2723692  
Conc: 1.13 ng/ml



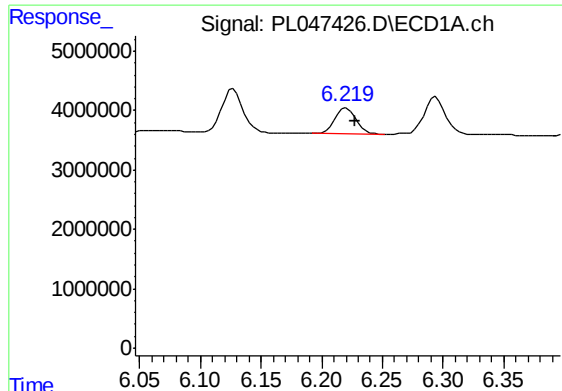
#16 4,4'-DDD

R.T.: 5.985 min  
Delta R.T.: -0.007 min  
Response: 6671095  
Conc: 0.88 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min  
Delta R.T.: -0.008 min  
Response: 2114466  
Conc: 1.05 ng/ml



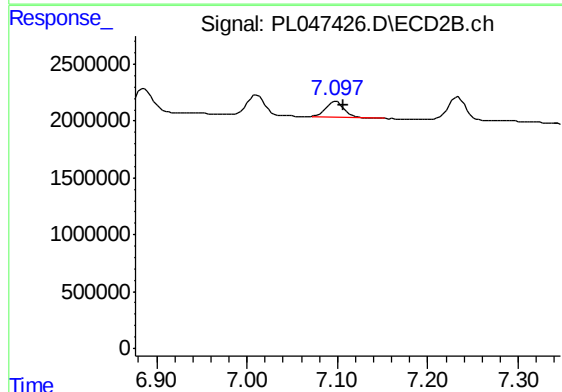
#17 4,4'-DDT

R.T.: 6.220 min  
Delta R.T.: -0.007 min  
Response: 5236790  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

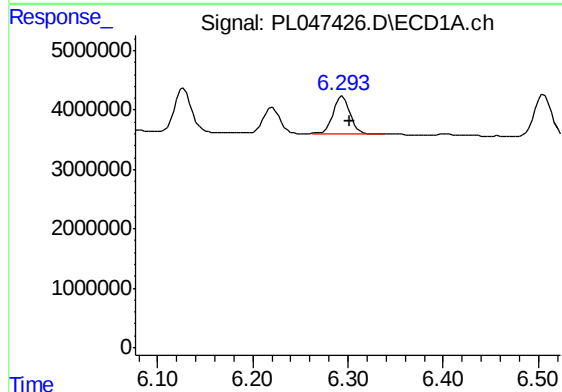
Manual Integrations  
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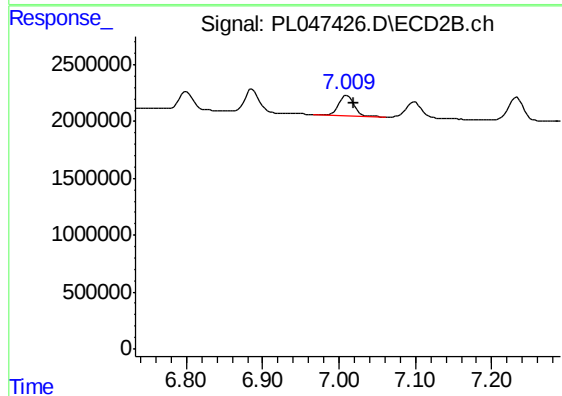
#17 4,4'-DDT

R.T.: 7.098 min  
Delta R.T.: -0.009 min  
Response: 1865944  
Conc: 0.89 ng/ml



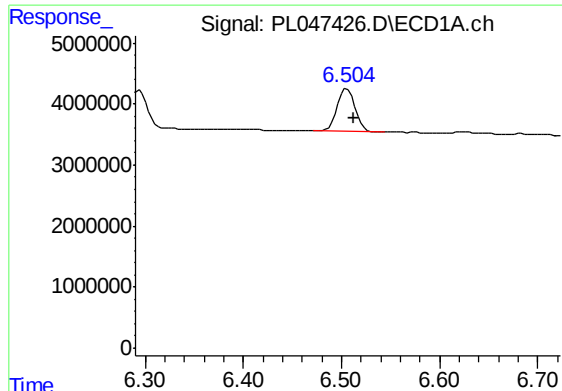
#18 Endrin aldehyde

R.T.: 6.294 min  
Delta R.T.: -0.007 min  
Response: 7727215  
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min  
Delta R.T.: -0.008 min  
Response: 2373750  
Conc: 1.12 ng/ml



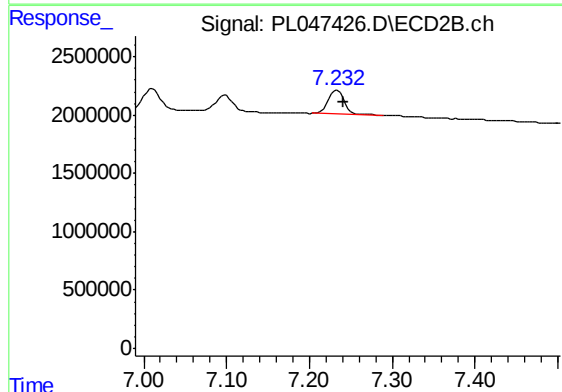
#19 Endosulfan Sulfate

R.T.: 6.506 min  
Delta R.T.: -0.007 min  
Response: 8948707  
Conc: 1.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

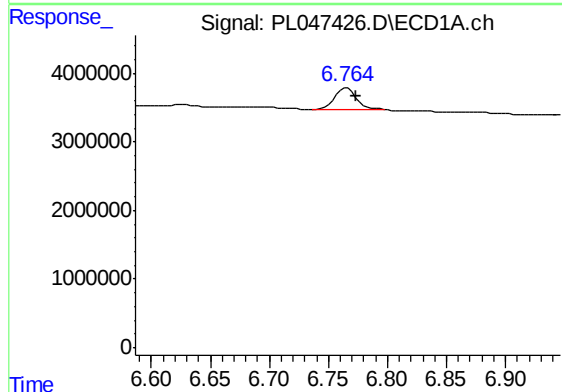
Manual Integrations  
APPROVED

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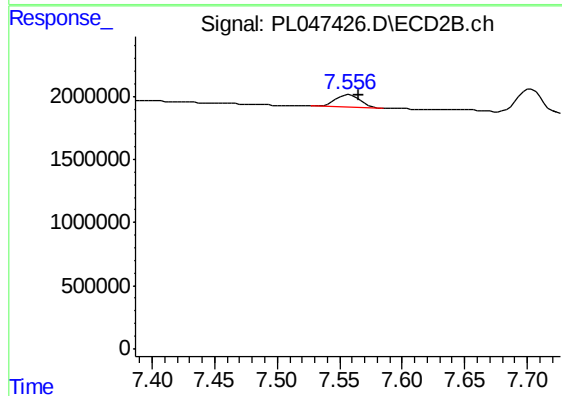
#19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: -0.008 min  
Response: 2744475  
Conc: 1.16 ng/ml



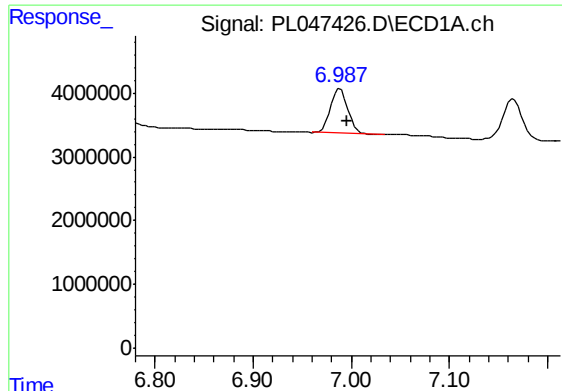
#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: -0.009 min  
Response: 3993450  
Conc: 0.94 ng/ml m



#20 Methoxychlor

R.T.: 7.556 min  
Delta R.T.: -0.009 min  
Response: 1390266  
Conc: 1.09 ng/ml m



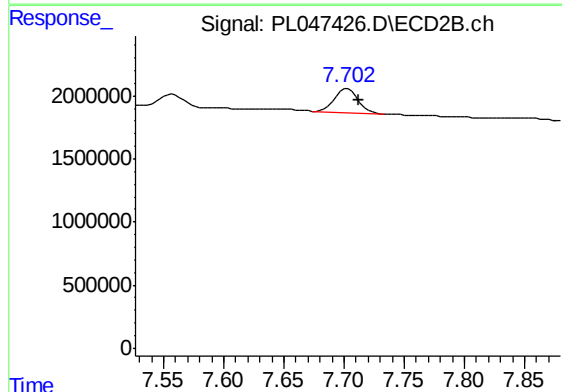
#21 Endrin ketone

R.T.: 6.989 min  
Delta R.T.: -0.007 min  
Response: 8661363  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

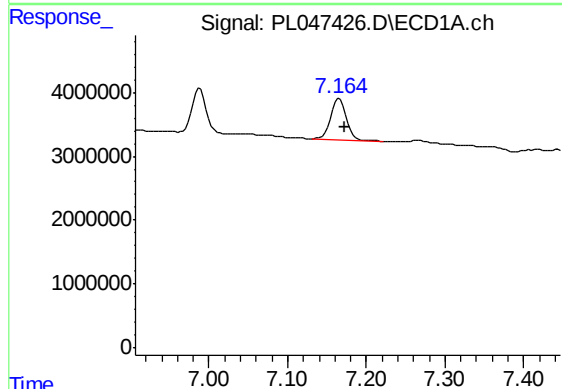
Manual Integrations  
APPROVED

Sohil  
4/17/2019 4:52:47 PM



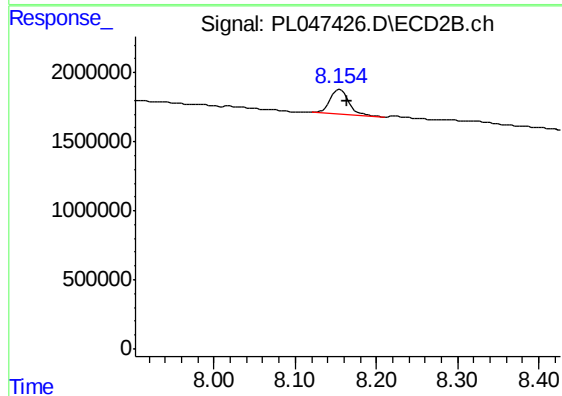
#21 Endrin ketone

R.T.: 7.702 min  
Delta R.T.: -0.010 min  
Response: 2637606  
Conc: 1.06 ng/ml m



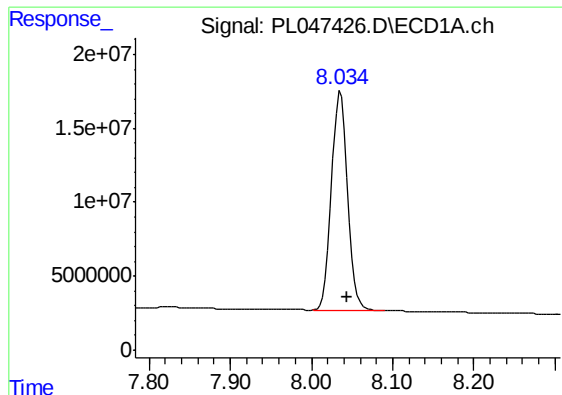
#22 Mirex

R.T.: 7.165 min  
Delta R.T.: -0.008 min  
Response: 9140884  
Conc: 1.25 ng/ml



#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.010 min  
Response: 2691201  
Conc: 1.35 ng/ml



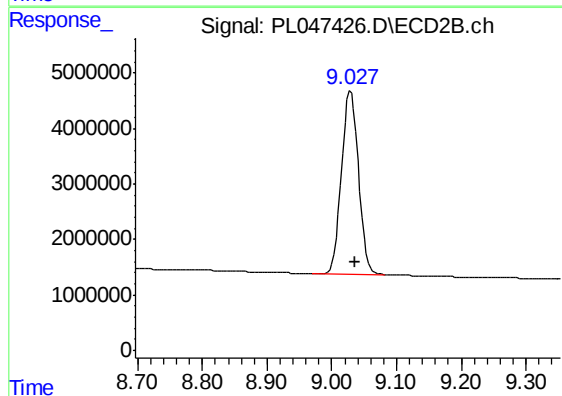
#28 Decachlorobiphenyl

R.T.: 8.036 min  
Delta R.T.: -0.008 min  
Response: 203463350  
Conc: 24.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

Manual Integrations  
APPROVED

Sohil  
4/17/2019 4:52:47 PM



#28 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: -0.006 min  
Response: 60128778  
Conc: 25.93 ng/ml