

Data File : H:\VOL1\HPLC\HPLC L\120427\HL002797.D Vial: 53  
 Acq On : 28-Apr-2012, 03:08 Operator: HLM  
 Sample : PB62621BS1 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Apr 30 17:54 2012 Quant Results File: HL032912.RES

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 PB62621BS1

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL032912.M (Chemstation In  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Mon Apr 30 14:06:15 2012  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Manual Integrations  
 APPROVED

AHPatel  
 5/5/2012 3:45:08 AM

Volume Inj. :  
 Signal Phase :  
 Signal Info :

| Compound | R.T. | Response | Conc Units |
|----------|------|----------|------------|
|----------|------|----------|------------|

#### System Monitoring Compounds

|               |                |       |          |                   |
|---------------|----------------|-------|----------|-------------------|
| 1) S          | 4-Nitroaniline | 1.40  | 697379   | 183.104 ug/L      |
| Spiked Amount | 300.000        | Range | 37 - 149 | Recovery = 61.03% |

#### Target Compounds

|       |                            |       |         |                |
|-------|----------------------------|-------|---------|----------------|
| 2) T  | HMX                        | 0.94  | 533048  | 121.578 ug/L   |
| 3) T  | RDX                        | 1.80  | 738209  | 135.331 ug/L   |
| 4) T  | 1,3,5-Trinitrobenzene      | 2.81  | 1723733 | 135.412 ug/L   |
| 5) T  | Tetryl                     | 6.37  | 1162113 | 128.415 ug/L   |
| 6) T  | 2,4,6-Trinitrotoluene      | 6.74  | 1757491 | 147.746 ug/L   |
| 7) T  | 2-Amino-4,6-dinitrotoluene | 7.26  | 1527554 | 136.196 ug/L   |
| 8) T  | 4-Amino-2,6-dinitrotoluene | 7.59  | 1068744 | 138.540 ug/L   |
| 9) T  | 2,4-Dinitrotoluene         | 8.45  | 2131289 | 125.576 ug/L   |
| 10) T | 2,6-Dinitrotoluene         | 8.83  | 1138918 | 128.474 ug/L   |
| 11) T | 1,3-Dinitrobenzene         | 3.73  | 2448298 | 136.288 ug/L   |
| 12) T | Nitrobenzene               | 5.01  | 1484343 | 140.861 ug/L   |
| 13) T | 2-Nitrotoluene             | 12.17 | 938288  | 134.723 ug/L   |
| 14) T | 3-Nitrotoluene             | 14.28 | 994129  | 139.047 ug/L   |
| 15) T | 4-Nitrotoluene             | 12.97 | 808641  | 140.350 ug/L   |
| 16) T | 3,5-Dinitroaniline         | 4.08  | 1938780 | 115.431 ug/L   |
| 18) T | PETN                       | 19.31 | 1351864 | 136.522 ug/L m |

# Quantitation Report

Data File : H:\VOL1\HPLC\HPLC L\120427\HL002797.D Vial: 53  
 Acq On : 28-Apr-2012, 03:08 Operator: HLM  
 Sample : PB62621BS1 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Apr 30 17:54 2012 Quant Results File: HL032912.RES

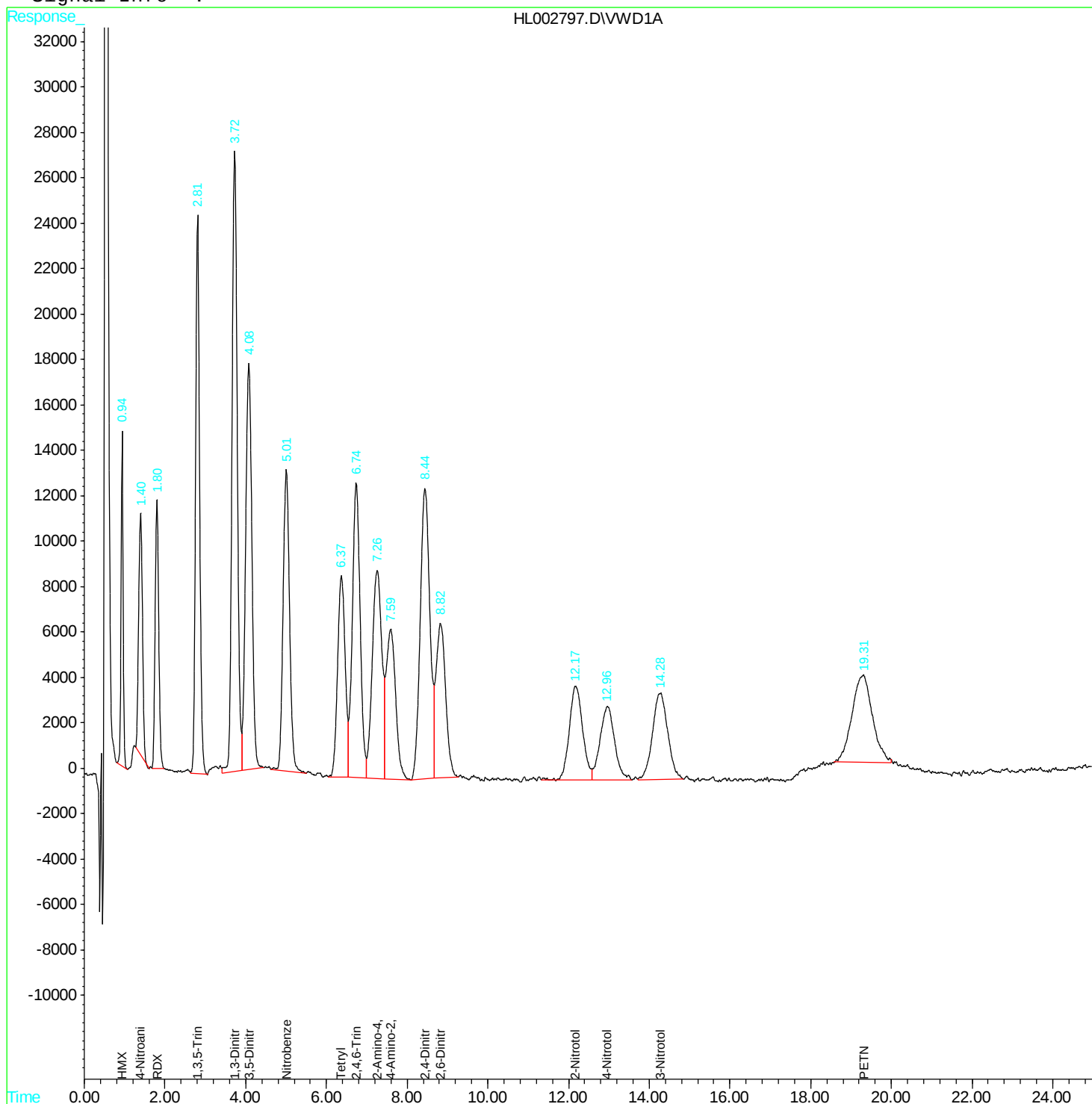
Instrument :  
 HPLC\_L  
 ClientSampleId :  
 PB62621BS1

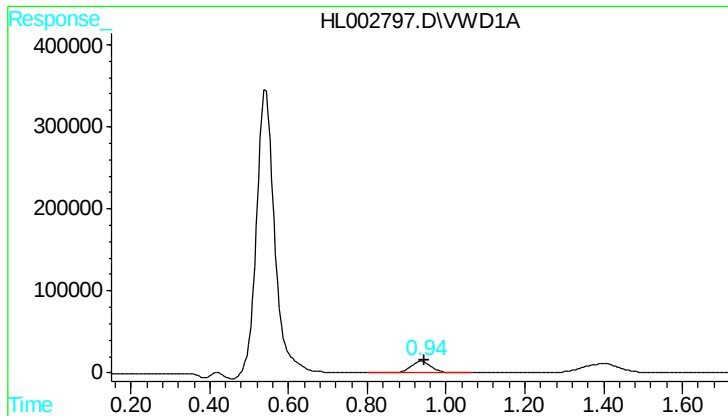
Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL032912.M (Chemstation In  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Mon Apr 30 14:06:15 2012  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 8330AGIP.M

Manual Integrations  
 APPROVED

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 5/5/2012 3:45:08 AM

Volume Inj. :  
 Signal Phase :  
 Signal Info :





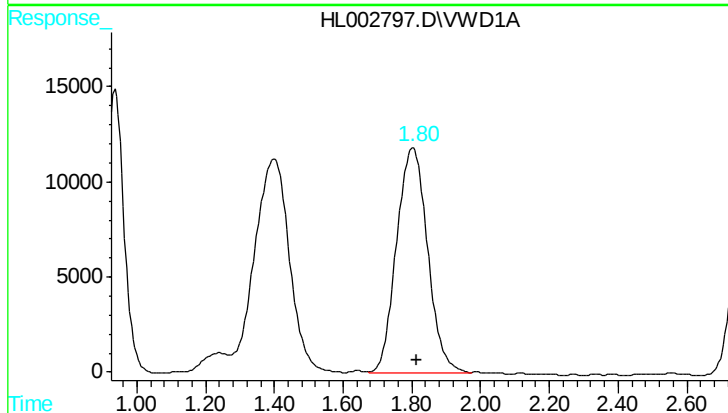
#2 HMX

R.T.: 0.938 min  
Delta R.T.: -0.006 min  
Response: 533048  
Conc: 121.58 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB62621BS1

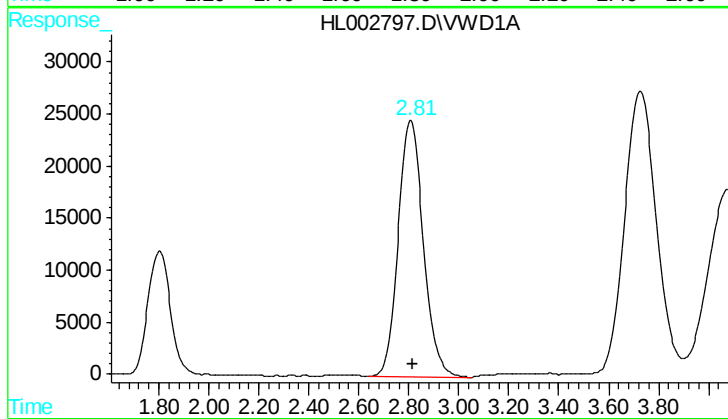
Manual Integrations  
APPROVED

AHPatel  
5/5/2012 3:45:08 AM



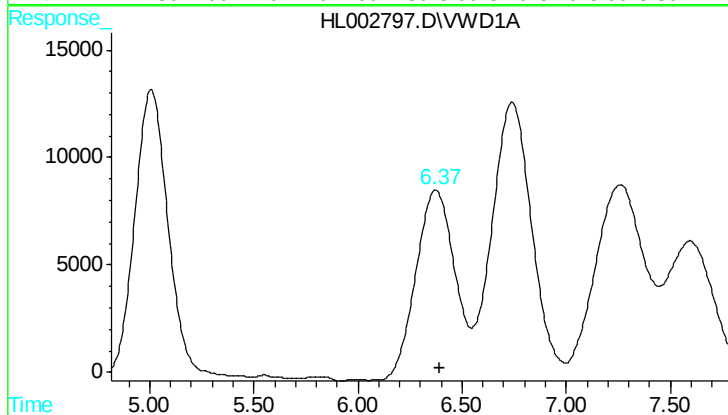
#3 RDX

R.T.: 1.804 min  
Delta R.T.: -0.009 min  
Response: 738209  
Conc: 135.33 ug/L



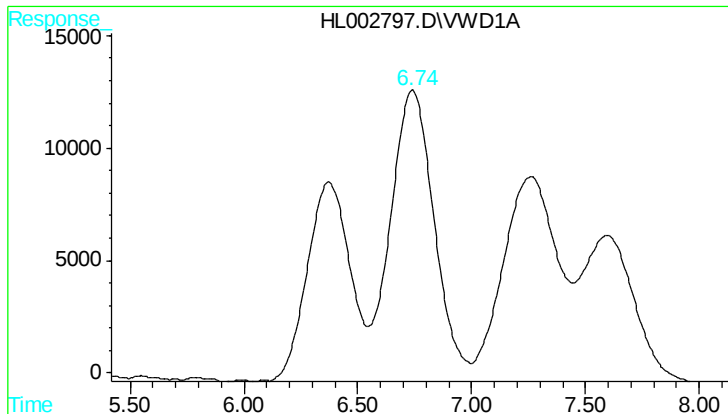
#4 1,3,5-Trinitrobenzene

R.T.: 2.808 min  
Delta R.T.: -0.011 min  
Response: 1723733  
Conc: 135.41 ug/L



#5 Tetryl

R.T.: 6.373 min  
Delta R.T.: -0.018 min  
Response: 1162113  
Conc: 128.42 ug/L



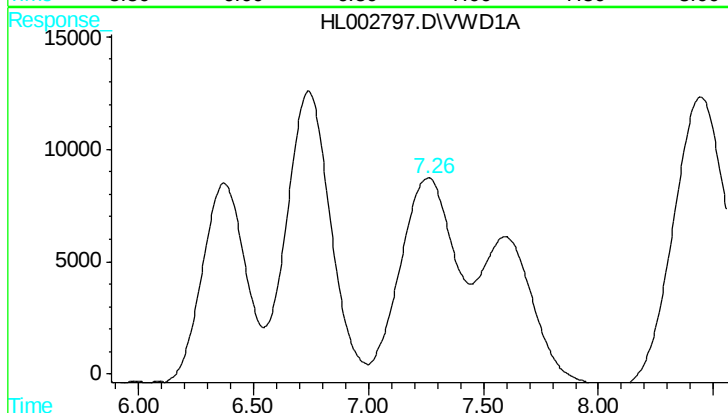
#6 2,4,6-Trinitrotoluene

R.T.: 6.740 min  
Delta R.T.: -0.020 min  
Response: 1757491  
Conc: 147.75 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB62621BS1

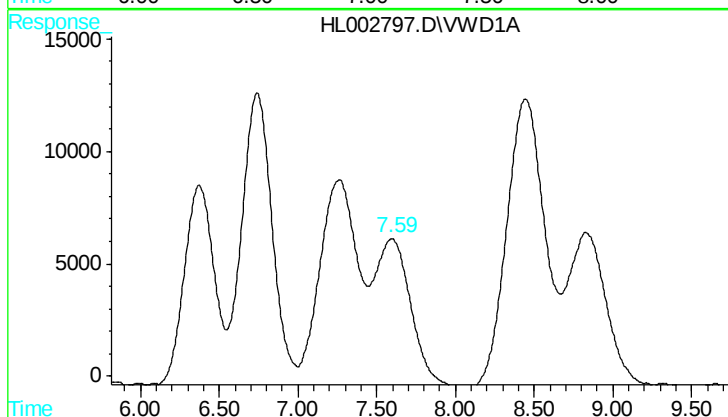
Manual Integrations  
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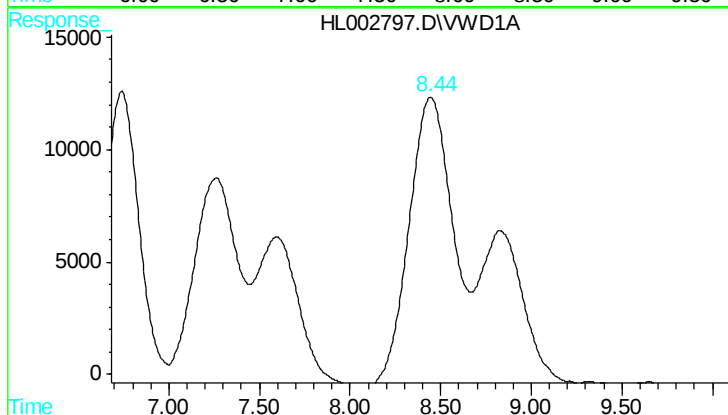
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.261 min  
Delta R.T.: -0.019 min  
Response: 1527554  
Conc: 136.20 ug/L



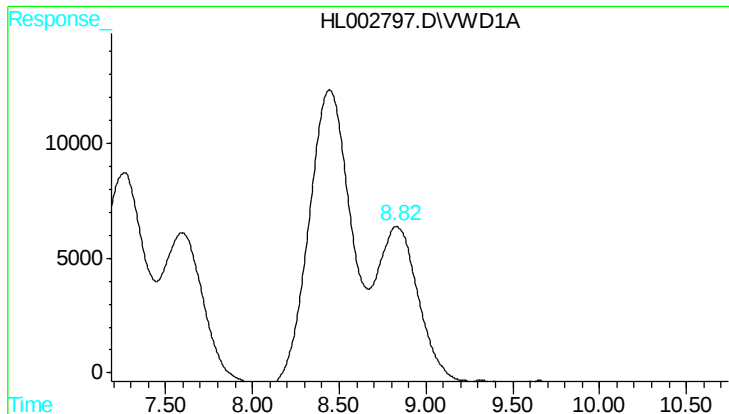
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.595 min  
Delta R.T.: -0.019 min  
Response: 1068744  
Conc: 138.54 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.445 min  
Delta R.T.: -0.023 min  
Response: 2131289  
Conc: 125.58 ug/L



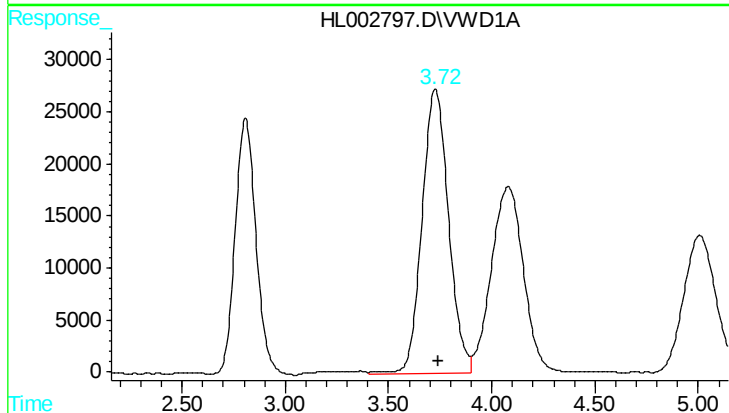
# #10 2,6-Dinitrotoluene

R.T.: 8.829 min  
Delta R.T.: -0.028 min  
Response: 1138918  
Conc: 128.47 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB62621BS1

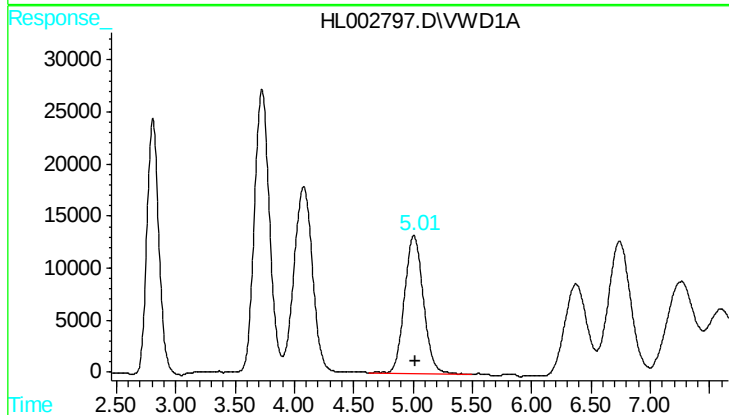
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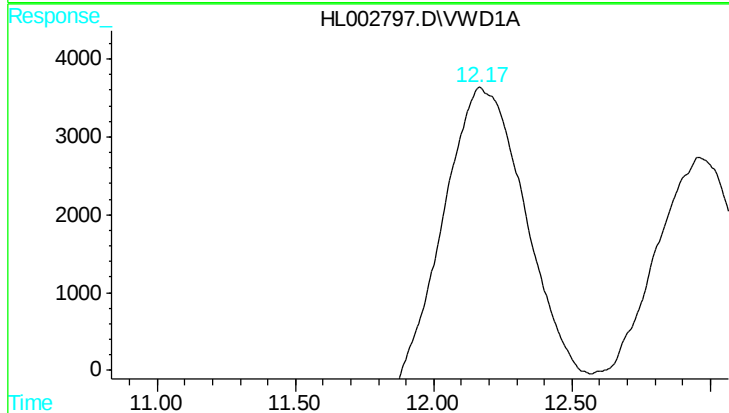
# #11 1,3-Dinitrobenzene

R.T.: 3.727 min  
Delta R.T.: -0.013 min  
Response: 2448298  
Conc: 136.29 ug/L



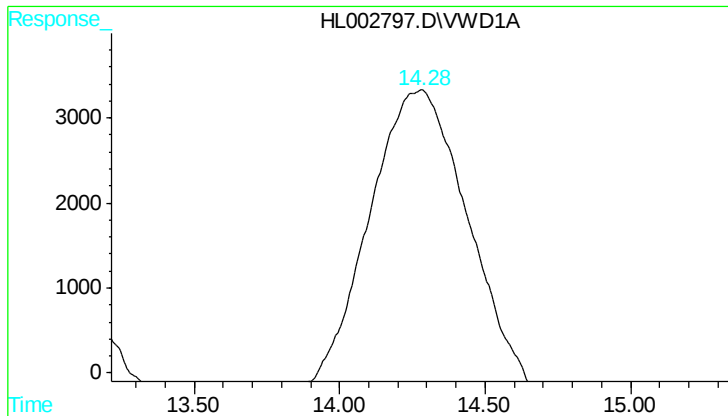
# #12 Nitrobenzene

R.T.: 5.007 min  
Delta R.T.: -0.015 min  
Response: 1484343  
Conc: 140.86 ug/L



# #13 2-Nitrotoluene

R.T.: 12.171 min  
Delta R.T.: -0.041 min  
Response: 938288  
Conc: 134.72 ug/L



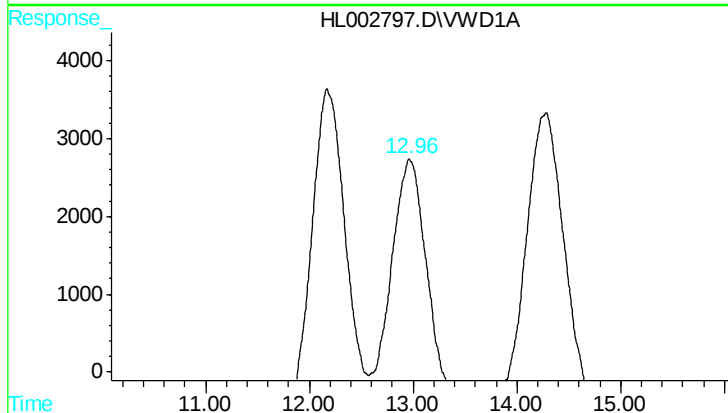
#### #14 3-Nitrotoluene

R.T.: 14.278 min  
Delta R.T.: -0.025 min  
Response: 994129  
Conc: 139.05 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB62621BS1

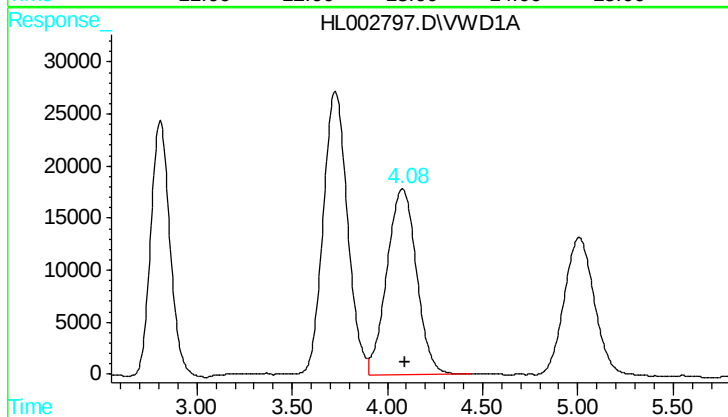
Manual Integrations  
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5/5/2012 3:45:08 AM



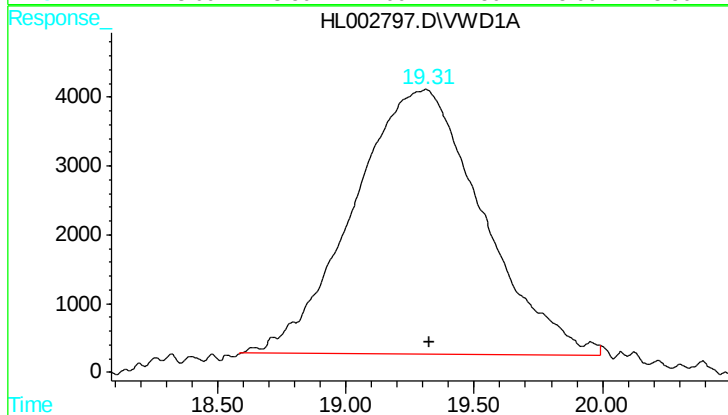
#### #15 4-Nitrotoluene

R.T.: 12.966 min  
Delta R.T.: -0.025 min  
Response: 808641  
Conc: 140.35 ug/L



#### #16 3,5-Dinitroaniline

R.T.: 4.080 min  
Delta R.T.: -0.016 min  
Response: 1938780  
Conc: 115.43 ug/L



#### #18 PETN

R.T.: 19.311 min  
Delta R.T.: -0.014 min  
Response: 1351864  
Conc: 136.52 ug/L m