

Data File : H:\VOL1\HPLC\HPLC L\120412\HL002757.D Vial: 17  
 Acq On : 12-Apr-2012, 17:16 Operator: HLM  
 Sample : D2099-01MSD1 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Apr 13 11:07 2012 Quant Results File: HL032912.RES

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL032912.M (Chemstation Integrator)  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Fri Apr 13 11:07:55 2012  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. :  
 Signal Phase :  
 Signal Info :

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

## System Monitoring Compounds

|               |                |       |          |                   |
|---------------|----------------|-------|----------|-------------------|
| 1) S          | 4-Nitroaniline | 1.38f | 753117   | 197.738 ug/L      |
| Spiked Amount | 300.000        | Range | 37 - 149 | Recovery = 65.91% |

## Target Compounds

|       |                            |       |         |                |
|-------|----------------------------|-------|---------|----------------|
| 2) T  | HMX                        | 0.93  | 528973  | 120.648 ug/L   |
| 3) T  | RDX                        | 1.79  | 563826  | 103.363 ug/L   |
| 4) T  | 1,3,5-Trinitrobenzene      | 2.78  | 1834208 | 144.090 ug/L   |
| 5) T  | Tetryl                     | 6.29  | 1248571 | 137.969 ug/L   |
| 6) T  | 2,4,6-Trinitrotoluene      | 6.65  | 1903306 | 160.004 ug/L   |
| 7) T  | 2-Amino-4,6-dinitrotoluene | 7.16  | 1633497 | 145.642 ug/L   |
| 8) T  | 4-Amino-2,6-dinitrotoluene | 7.50  | 1121228 | 145.344 ug/L   |
| 9) T  | 2,4-Dinitrotoluene         | 8.33  | 2341347 | 137.952 ug/L   |
| 10) T | 2,6-Dinitrotoluene         | 8.71  | 1268900 | 143.137 ug/L   |
| 11) T | 1,3-Dinitrobenzene         | 3.69  | 2578902 | 143.559 ug/L   |
| 12) T | Nitrobenzene               | 4.95  | 1645137 | 156.120 ug/L   |
| 13) T | 2-Nitrotoluene             | 12.02 | 1017044 | 146.031 ug/L   |
| 14) T | 3-Nitrotoluene             | 14.06 | 1077674 | 150.732 ug/L   |
| 15) T | 4-Nitrotoluene             | 12.78 | 857053  | 148.752 ug/L   |
| 16) T | 3,5-Dinitroaniline         | 4.04  | 2080476 | 123.868 ug/L   |
| 17) T | Nitroglycerin              | 6.29f | 1248571 | 21866.456 ug/L |
| 18) T | PETN                       | 19.00 | 1379863 | 139.349 ug/L   |

## Quantitation Report

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Operator: HLM

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Inst : G1314A

Misc :

Multiplr: 1.00

IntFile : events.e

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Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL032912.M (Chemstation Integrator)

Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)

Last Update : Fri Apr 13 11:07:55 2012

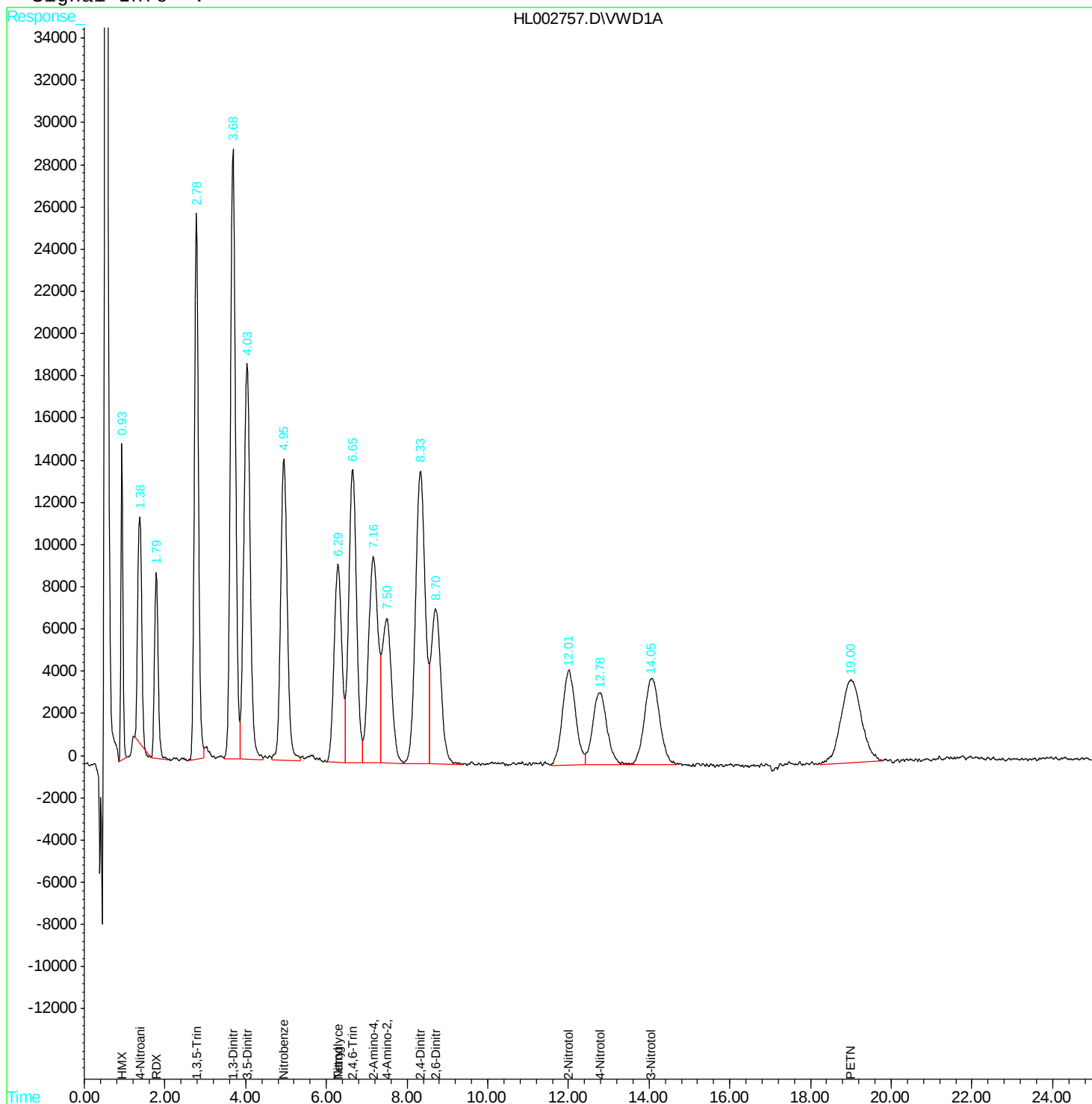
Response via : Multiple Level Calibration

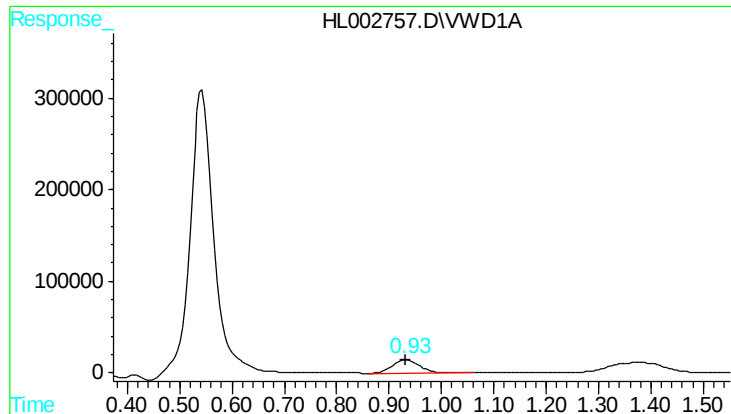
DataAcq Meth : 8330AGIP.M

Volume Inj. :

Signal Phase :

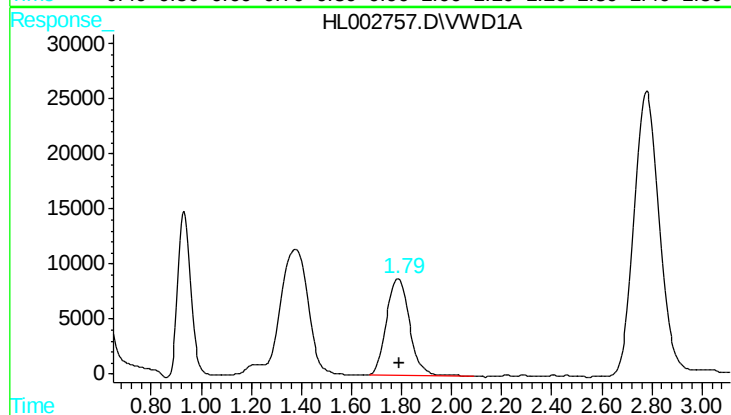
Signal Info :





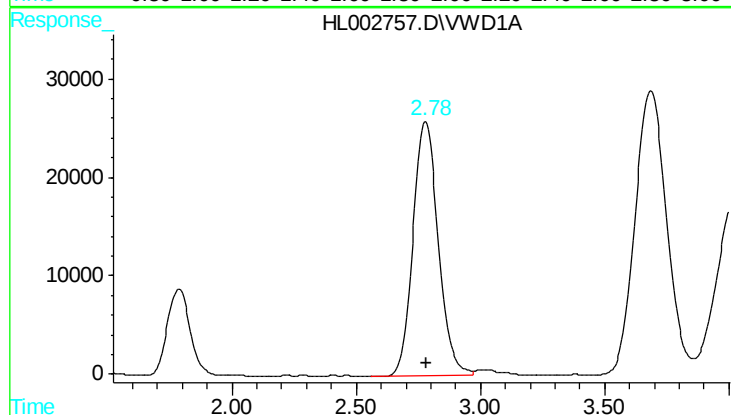
#2 HMX

R.T.: 0.933 min  
Delta R.T.: 0.000 min  
Response: 528973  
Conc: 120.65 ug/L



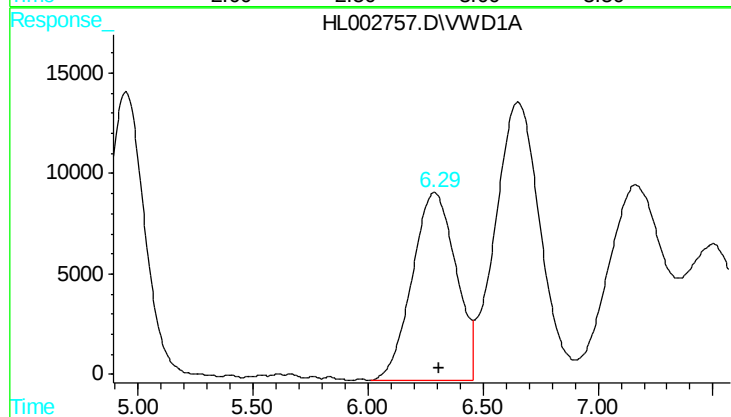
#3 RDX

R.T.: 1.788 min  
Delta R.T.: -0.005 min  
Response: 563826  
Conc: 103.36 ug/L



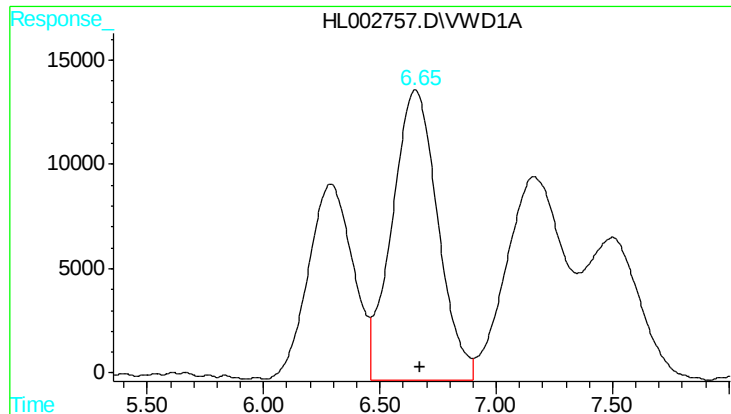
#4 1,3,5-Trinitrobenzene

R.T.: 2.779 min  
Delta R.T.: -0.006 min  
Response: 1834208  
Conc: 144.09 ug/L



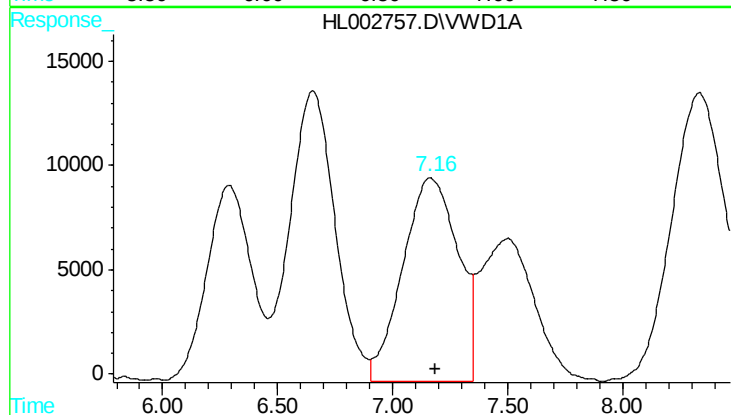
#5 Tetryl

R.T.: 6.290 min  
Delta R.T.: -0.018 min  
Response: 1248571  
Conc: 137.97 ug/L



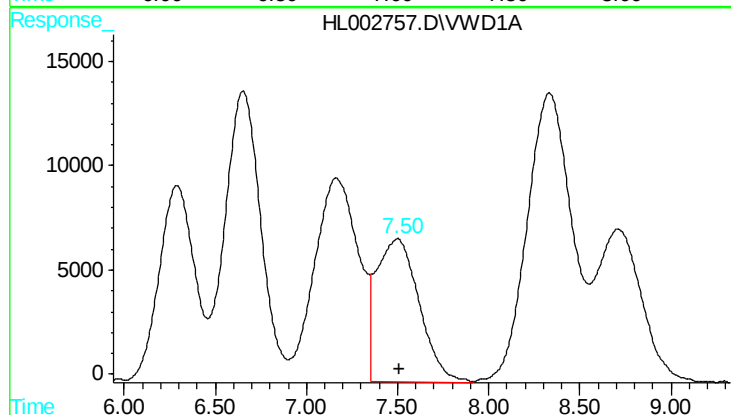
#6 2,4,6-Trinitrotoluene

R.T.: 6.652 min  
Delta R.T.: -0.020 min  
Response: 1903306  
Conc: 160.00 ug/L



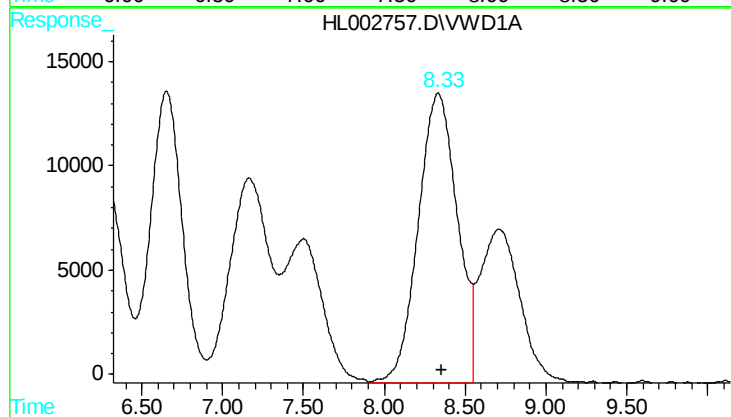
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.164 min  
Delta R.T.: -0.024 min  
Response: 1633497  
Conc: 145.64 ug/L



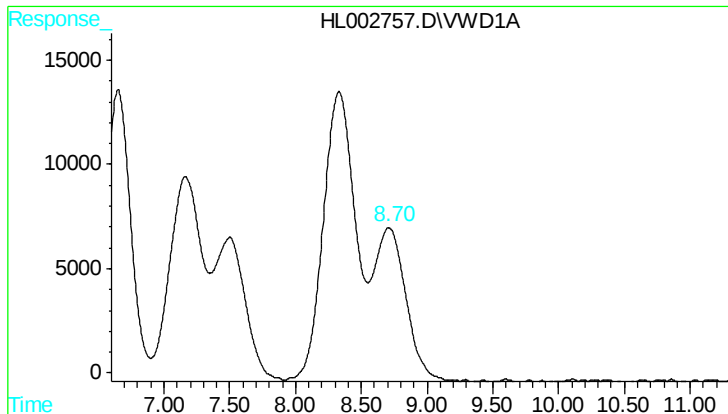
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.499 min  
Delta R.T.: -0.013 min  
Response: 1121228  
Conc: 145.34 ug/L



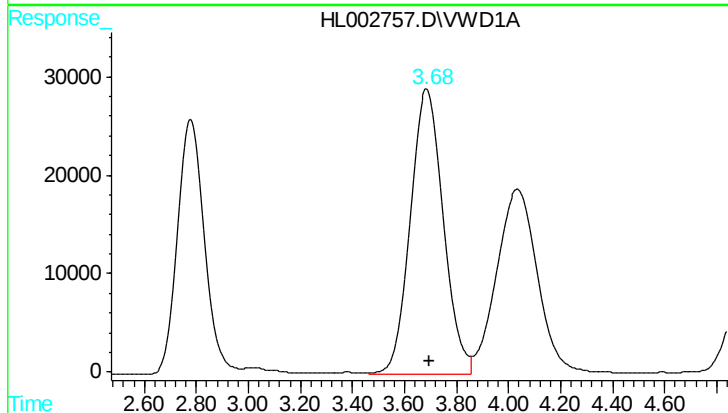
#9 2,4-Dinitrotoluene

R.T.: 8.334 min  
Delta R.T.: -0.019 min  
Response: 2341347  
Conc: 137.95 ug/L



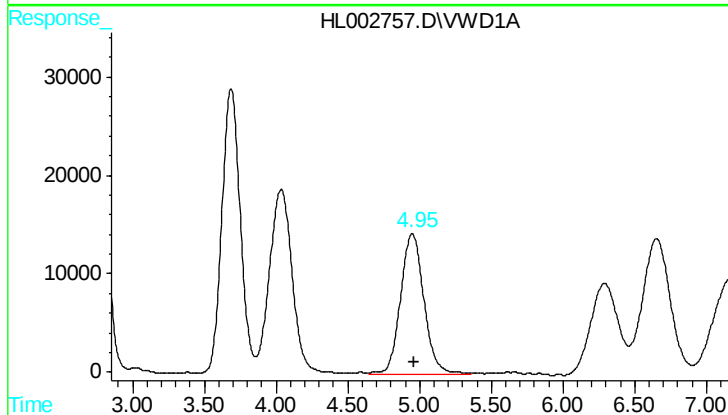
#10 2,6-Dinitrotoluene

R.T.: 8.710 min  
Delta R.T.: -0.027 min  
Response: 1268900  
Conc: 143.14 ug/L



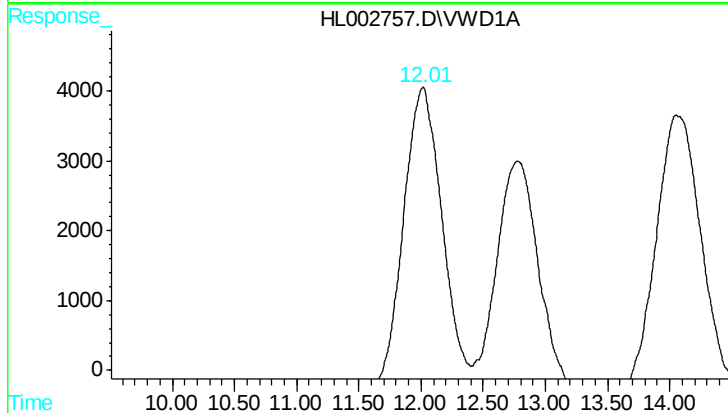
#11 1,3-Dinitrobenzene

R.T.: 3.686 min  
Delta R.T.: -0.008 min  
Response: 2578902  
Conc: 143.56 ug/L



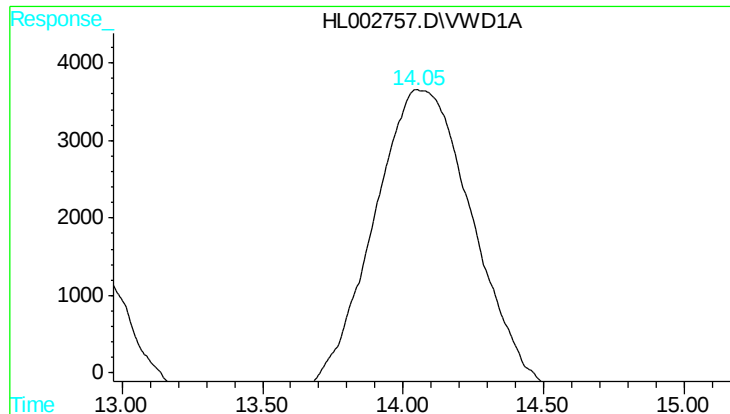
#12 Nitrobenzene

R.T.: 4.948 min  
Delta R.T.: -0.011 min  
Response: 1645137  
Conc: 156.12 ug/L



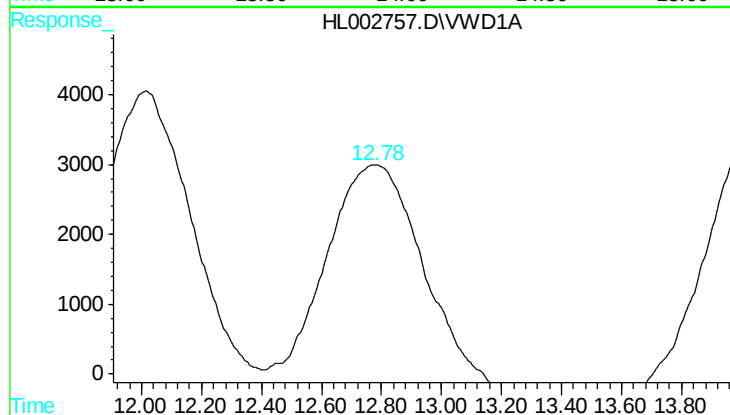
#13 2-Nitrotoluene

R.T.: 12.015 min  
Delta R.T.: -0.027 min  
Response: 1017044  
Conc: 146.03 ug/L



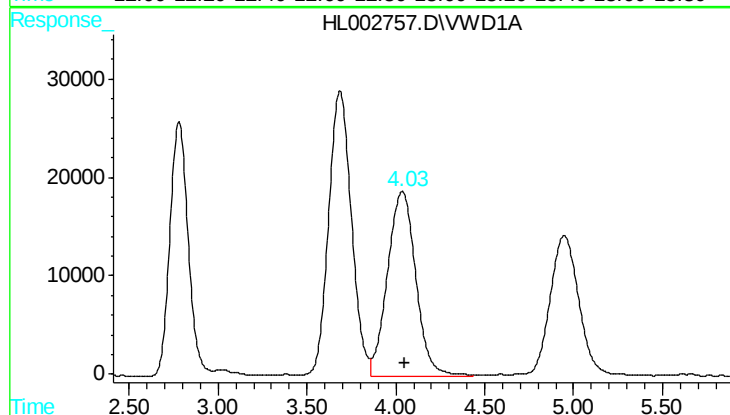
#14 3-Nitrotoluene

R.T.: 14.058 min  
Delta R.T.: -0.041 min  
Response: 1077674  
Conc: 150.73 ug/L



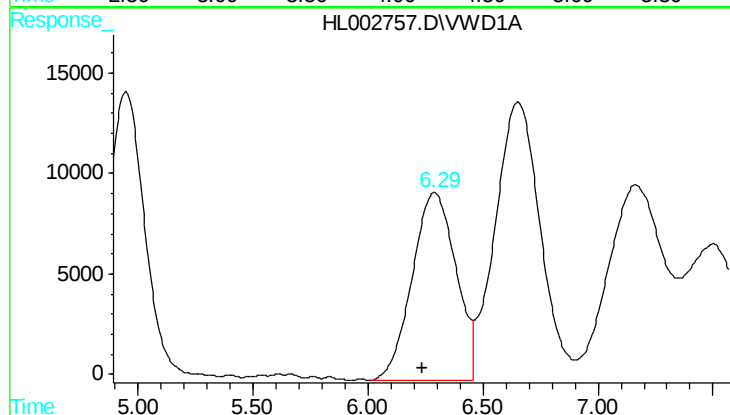
#15 4-Nitrotoluene

R.T.: 12.780 min  
Delta R.T.: -0.032 min  
Response: 857053  
Conc: 148.75 ug/L



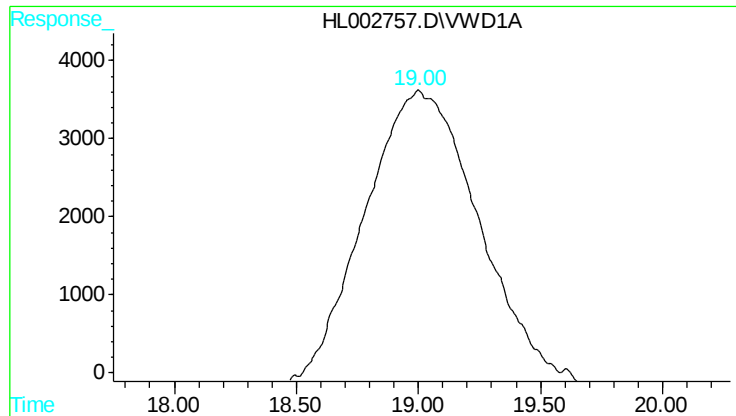
#16 3,5-Dinitroaniline

R.T.: 4.036 min  
Delta R.T.: -0.013 min  
Response: 2080476  
Conc: 123.87 ug/L



#17 Nitroglycerin

R.T.: 6.290 min  
Delta R.T.: 0.052 min  
Response: 1248571  
Conc: 21866.46 ug/L



#18 PETN

R.T.: 19.000 min  
Delta R.T.: -0.068 min  
Response: 1379863  
Conc: 139.35 ug/L