

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL060513\HL005390.D Vial: 1  
 Acq On : 05-Jun-2013, 14:28 Operator: QM  
 Sample : HSTDCCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jun 6 15:50 2013 Quant Results File: HL060413.RES

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL060413.M  
 Title :  
 Last Update : Tue Jun 04 16:52:57 2013  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
 Signal Phase : ZORBAX Extend-C18  
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

| Compound                         | R.T.  | Response | Conc Units    |
|----------------------------------|-------|----------|---------------|
| -----                            |       |          |               |
| System Monitoring Compounds      |       |          |               |
| 1) S 4-Nitroaniline              | 1.32  | 1939468  | 501.563 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.90  | 1928326  | 428.417 ug/L  |
| 3) T RDX                         | 1.71  | 2442281  | 516.240 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.63  | 5297215  | 469.393 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.50  | 7740344  | 503.589 ng/ml |
| 6) T 3,5-Dinitroaniline          | 3.85  | 6659749  | 493.221 ug/L  |
| 7) T Nitrobenzene                | 4.70  | 4698690  | 476.470 ug/L  |
| 8) T Tetryl                      | 6.09  | 3300612  | 416.444 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.36  | 5164978  | 454.354 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 6.85  | 5004939  | 447.444 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.18  | 3009175  | 494.406 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 7.94  | 7207920  | 493.547 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.34  | 3814003  | 490.443 ug/L  |
| 14) T 2-Nitrotoluene             | 11.45 | 3068171  | 461.817 ug/L  |
| 15) T 4-Nitrotoluene             | 12.17 | 2607185  | 480.128 ug/L  |
| 16) T 3-Nitrotoluene             | 13.41 | 3415720  | 474.224 ug/L  |
| 17) T PETN                       | 18.80 | 6770380  | 712.187 ug/L  |

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 Analyst Signature:\_\_\_\_\_ Analyst Name:\_\_\_\_\_ Date:\_\_\_\_\_

-----REASONS FOR MANUAL INTEGRATIONS-----

\_\_\_Poor resolution of peaks exhibited on chromatogram.Compound #:\_\_\_\_\_

\_\_\_Peak Integrated by software incorrectly.Compound #:\_\_\_\_\_

\_\_\_OTHER:\_\_\_\_\_Compound #:\_\_\_\_\_

(f)=RT Delta > 1/2 Window (m)=manual int.

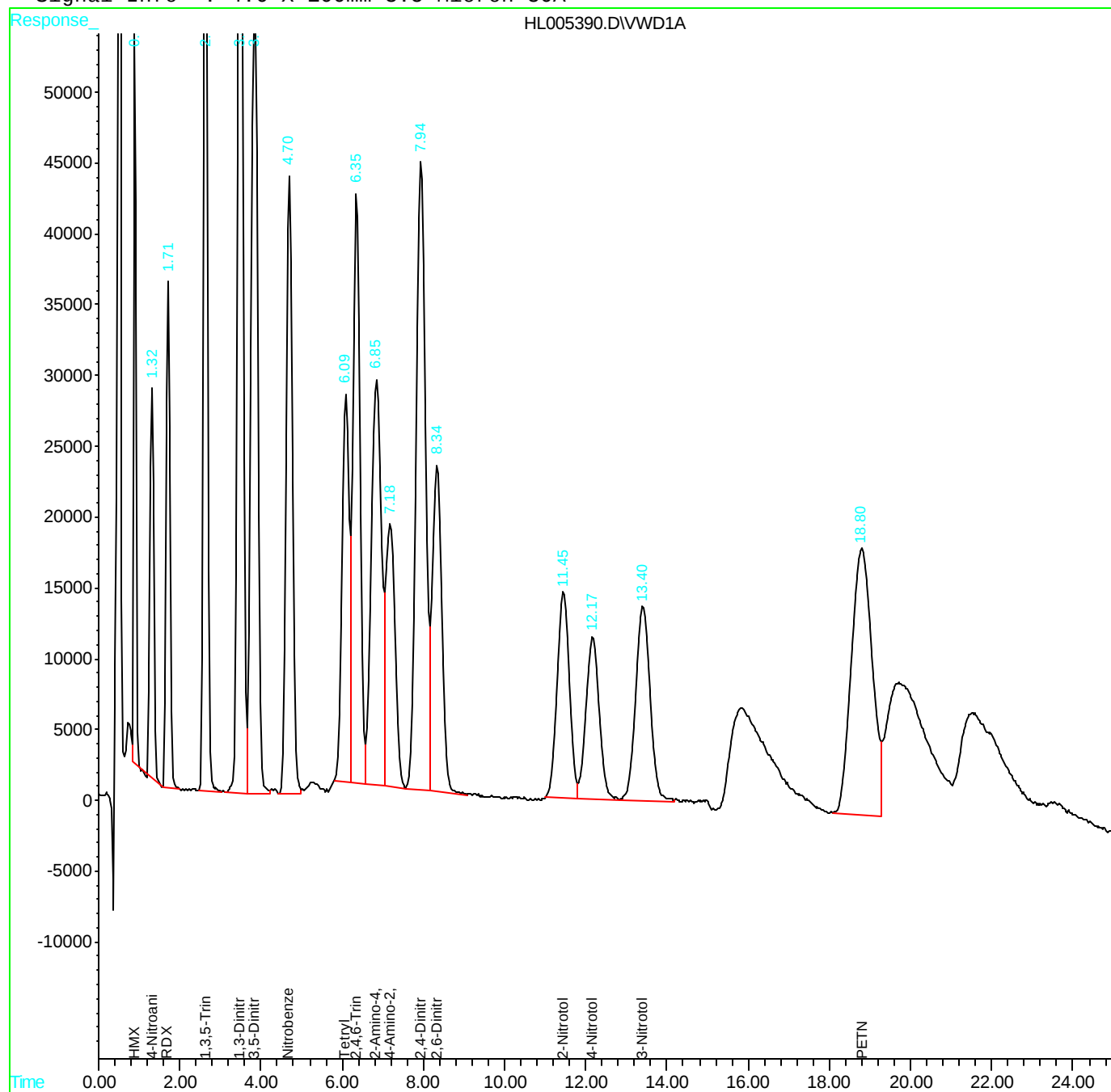
HL005390.D HL060413.M Thu Jun 06 15:50:20 2013 RPT1

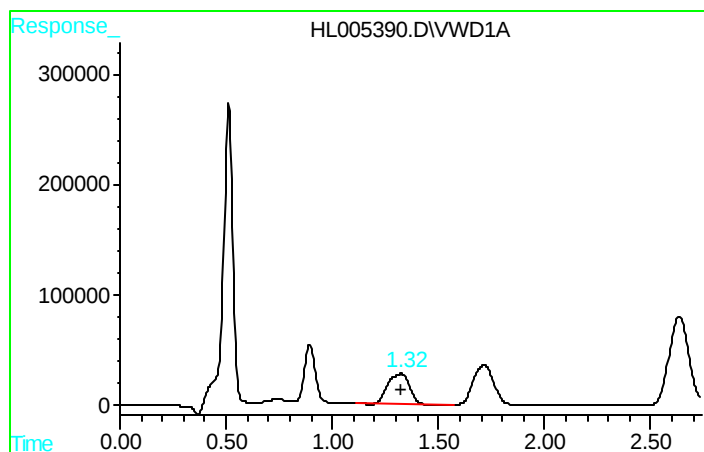
# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL060513\HL005390.D Vial: 1  
Acq On : 05-Jun-2013, 14:28 Operator: QM  
Sample : HSTDCCC0500 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: Jun 6 15:50 2013 Quant Results File: HL060413.RES

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL060413.M  
Title :  
Last Update : Tue Jun 04 16:52:57 2013  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

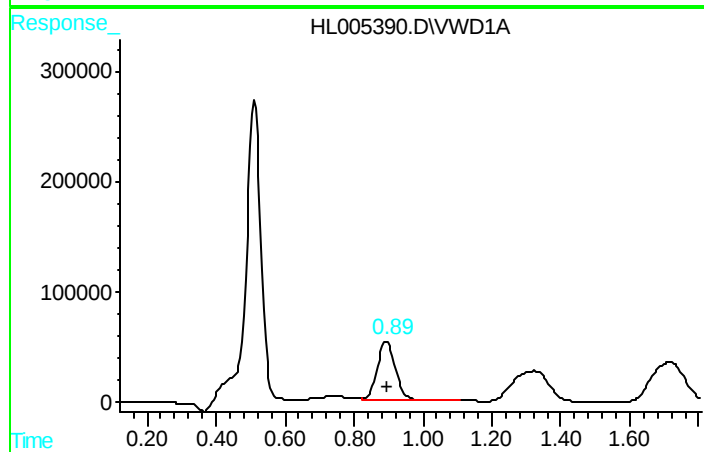
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





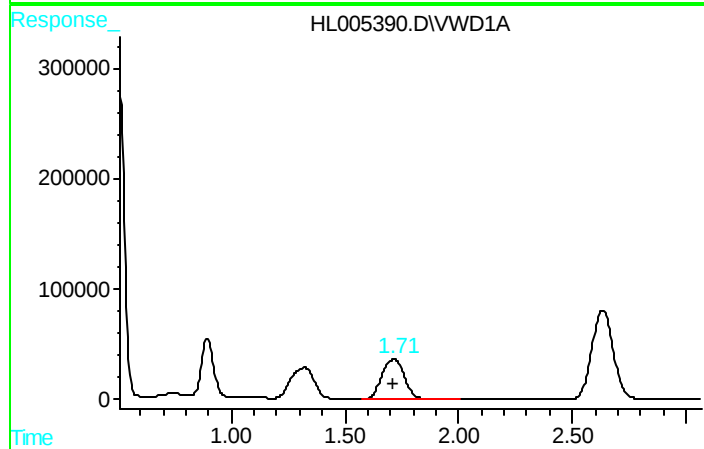
#1 4-Nitroaniline

R.T.: 1.320 min  
Delta R.T.: 0.000 min  
Response: 1939468  
Conc: 501.56 ug/L



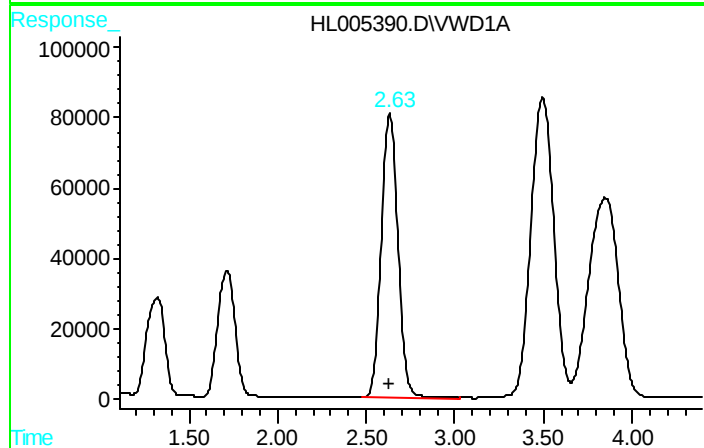
#2 HMX

R.T.: 0.896 min  
Delta R.T.: 0.000 min  
Response: 1928326  
Conc: 428.42 ug/L



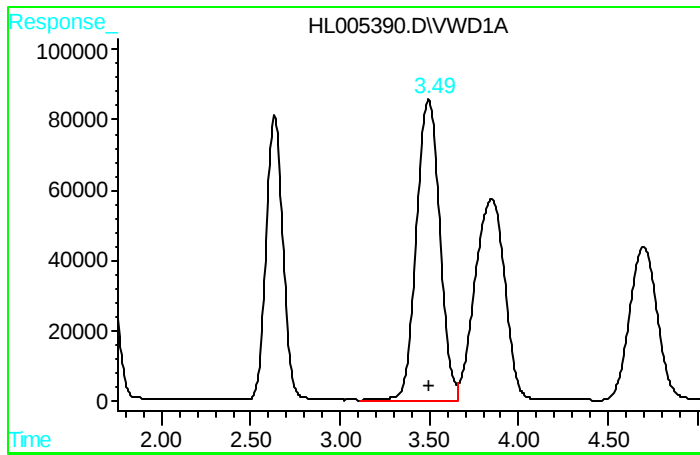
#3 RDX

R.T.: 1.714 min  
Delta R.T.: 0.000 min  
Response: 2442281  
Conc: 516.24 ug/L

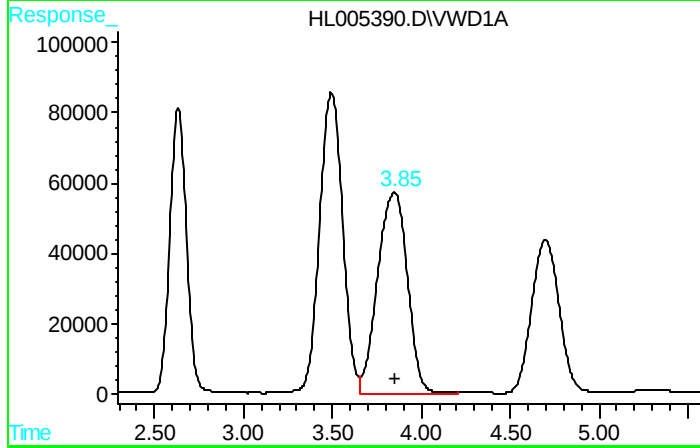


#4 1,3,5-Trinitrobenzene

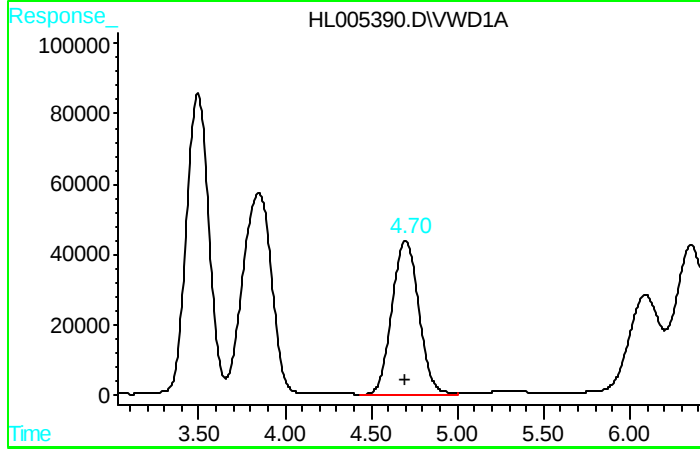
R.T.: 2.634 min  
Delta R.T.: 0.000 min  
Response: 5297215  
Conc: 469.39 ug/L



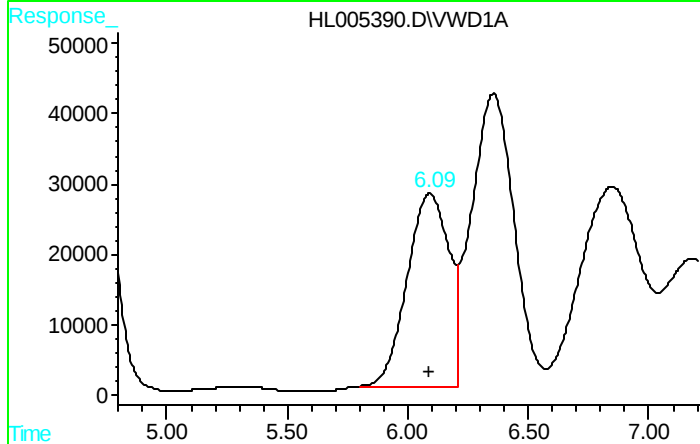
#5 1,3-Dinitrobenzene  
 R.T.: 3.496 min  
 Delta R.T.: 0.000 min  
 Response: 7740344  
 Conc: 503.59 ng/ml



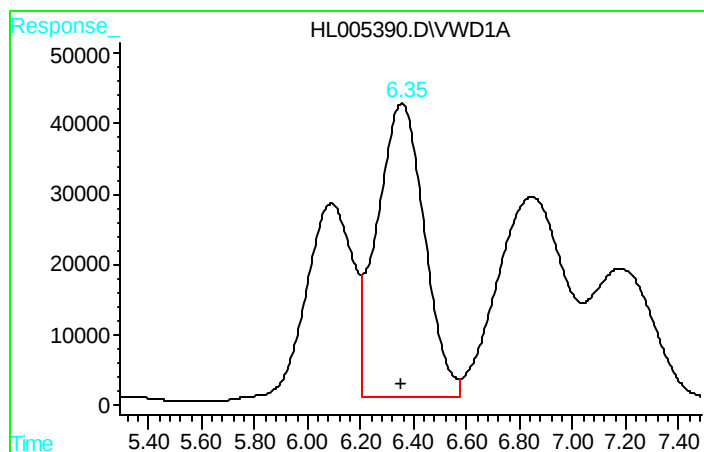
#6 3,5-Dinitroaniline  
 R.T.: 3.848 min  
 Delta R.T.: 0.000 min  
 Response: 6659749  
 Conc: 493.22 ug/L



#7 Nitrobenzene  
 R.T.: 4.700 min  
 Delta R.T.: 0.002 min  
 Response: 4698690  
 Conc: 476.47 ug/L

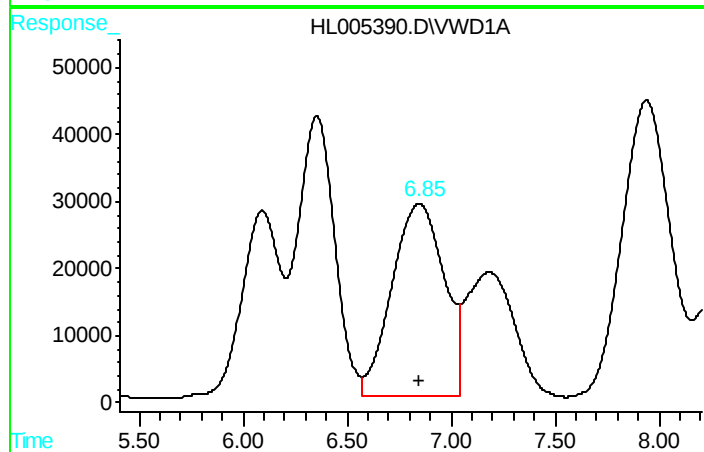


#8 Tetryl  
 R.T.: 6.091 min  
 Delta R.T.: 0.003 min  
 Response: 3300612  
 Conc: 416.44 ug/L



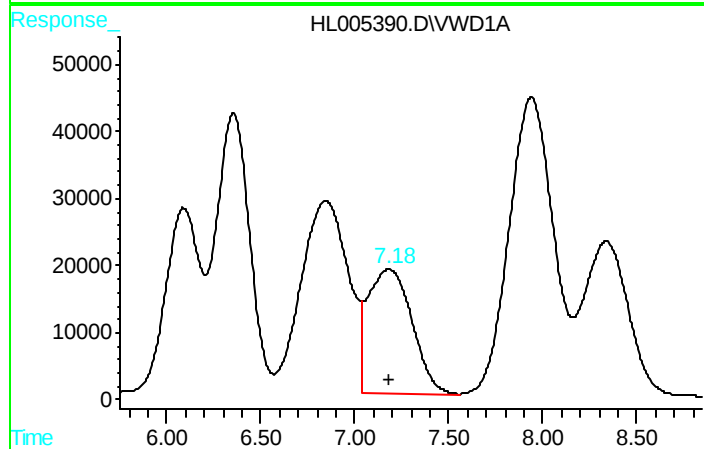
#9 2,4,6-Trinitrotoluene

R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 5164978  
Conc: 454.35 ug/L



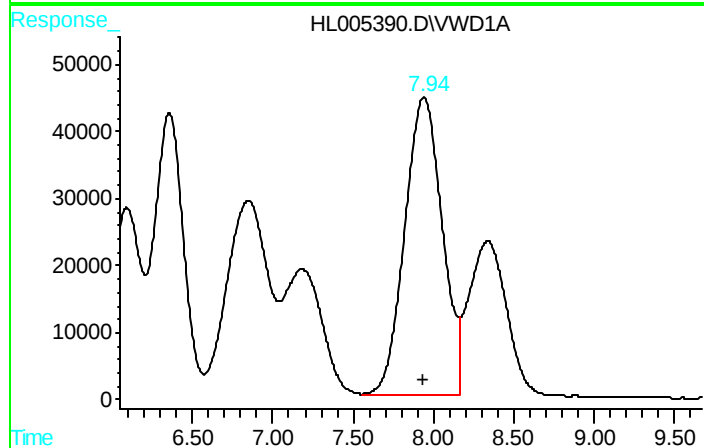
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.848 min  
Delta R.T.: 0.001 min  
Response: 5004939  
Conc: 447.44 ug/L



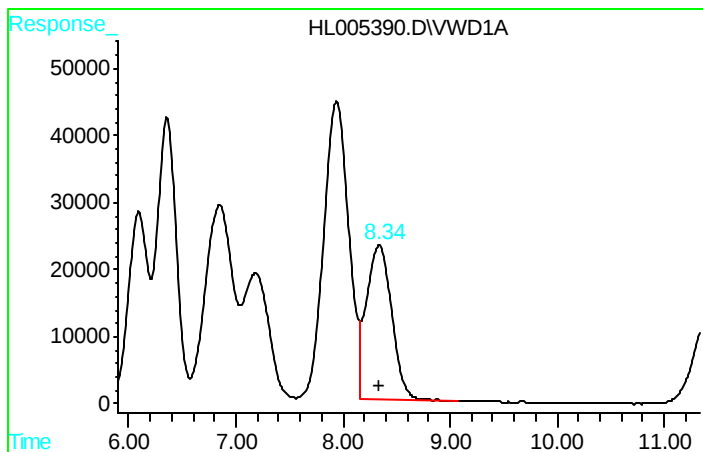
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.182 min  
Delta R.T.: 0.003 min  
Response: 3009175  
Conc: 494.41 ug/L



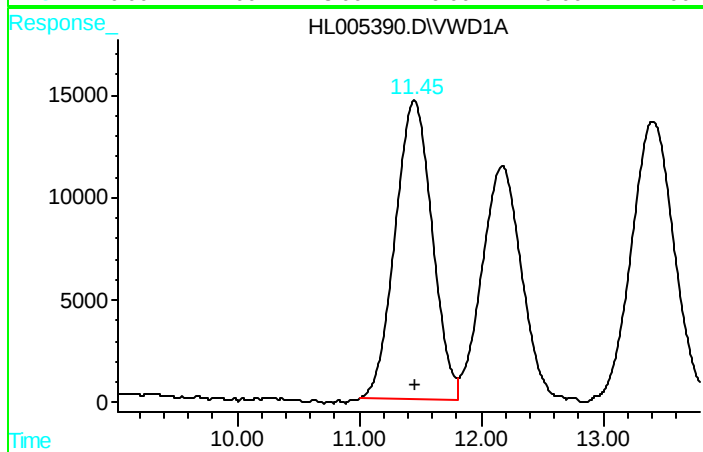
#12 2,4-Dinitrotoluene

R.T.: 7.940 min  
Delta R.T.: 0.002 min  
Response: 7207920  
Conc: 493.55 ug/L



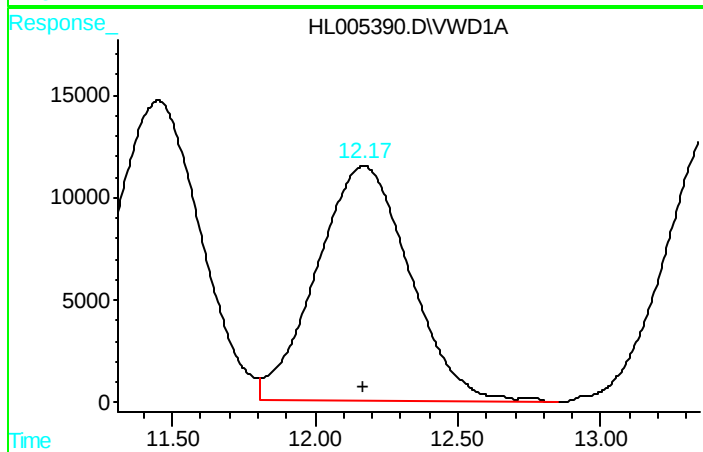
#13 2,6-Dinitrotoluene

R.T.: 8.338 min  
Delta R.T.: 0.002 min  
Response: 3814003  
Conc: 490.44 ug/L



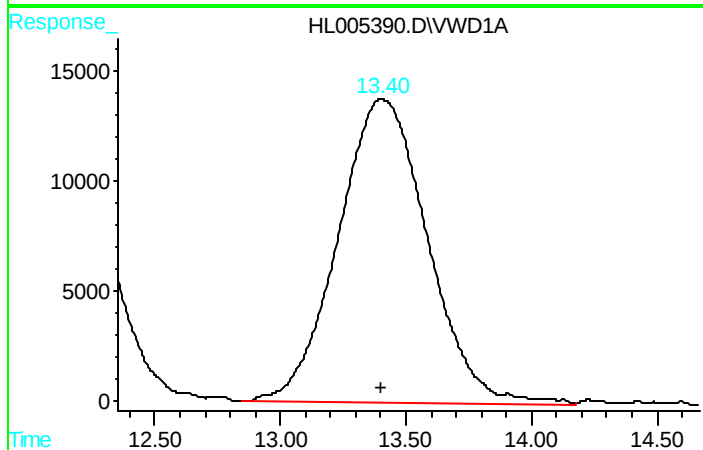
#14 2-Nitrotoluene

R.T.: 11.452 min  
Delta R.T.: 0.000 min  
Response: 3068171  
Conc: 461.82 ug/L



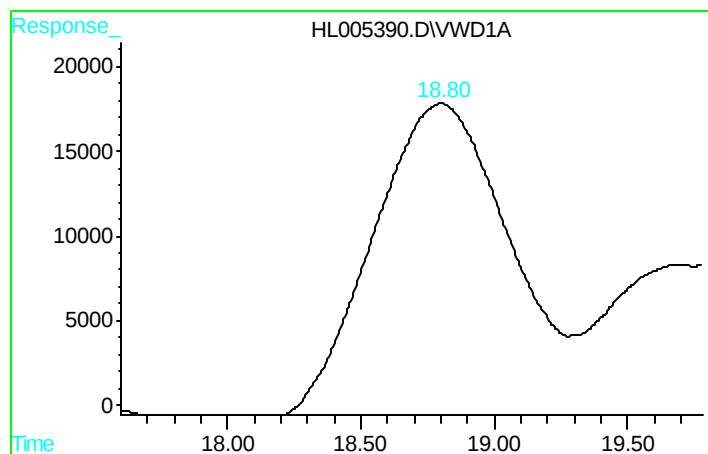
#15 4-Nitrotoluene

R.T.: 12.172 min  
Delta R.T.: 0.002 min  
Response: 2607185  
Conc: 480.13 ug/L



#16 3-Nitrotoluene

R.T.: 13.405 min  
Delta R.T.: 0.004 min  
Response: 3415720  
Conc: 474.22 ug/L



#17 PETN

R.T.: 18.802 min  
Delta R.T.: 0.000 min  
Response: 6770380  
Conc: 712.19 ug/L