

Data File : S:\HPCHEM1\HPLC\_N\DATA\HN012114\HN005798.D Vial: 24  
 Acq On : 21-Jan-2014, 19:00 Operator: QM  
 Sample : HSTDICCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jan 24 12:59 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN012114.M  
 Title :  
 Last Update : Fri Jan 24 12:45:07 2014  
 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              | 1.30  | 1962803  | 534.658 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.87  | 2045117  | 497.440 ug/L  |
| 3) T RDX                         | 1.68  | 2933093  | 511.901 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.62  | 5304509  | 506.509 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.47  | 8048551  | 498.906 ng/ml |
| 6) T 3,5-Dinitroaniline          | 3.82  | 6232166  | 497.952 ug/L  |
| 7) T Nitrobenzene                | 4.63  | 5207598  | 508.017 ug/L  |
| 8) T Tetryl                      | 6.07  | 3431530  | 497.640 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.38  | 5172970  | 495.084 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 6.85  | 5414047  | 483.848 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.17  | 3205267  | 528.984 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 7.94  | 7448268  | 502.992 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.32  | 4311532  | 529.395 ug/L  |
| 14) T 2-Nitrotoluene             | 11.39 | 3183896  | 496.965 ug/L  |
| 15) T 4-Nitrotoluene             | 12.13 | 2613652  | 503.957 ug/L  |
| 16) T 3-Nitrotoluene             | 13.36 | 3362408  | 498.831 ug/L  |
| 17) T PETN                       | 18.48 | 4454207  | 534.740 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.

HN005798.D HN012114.M

Fri Jan 24 12:59:07 2014

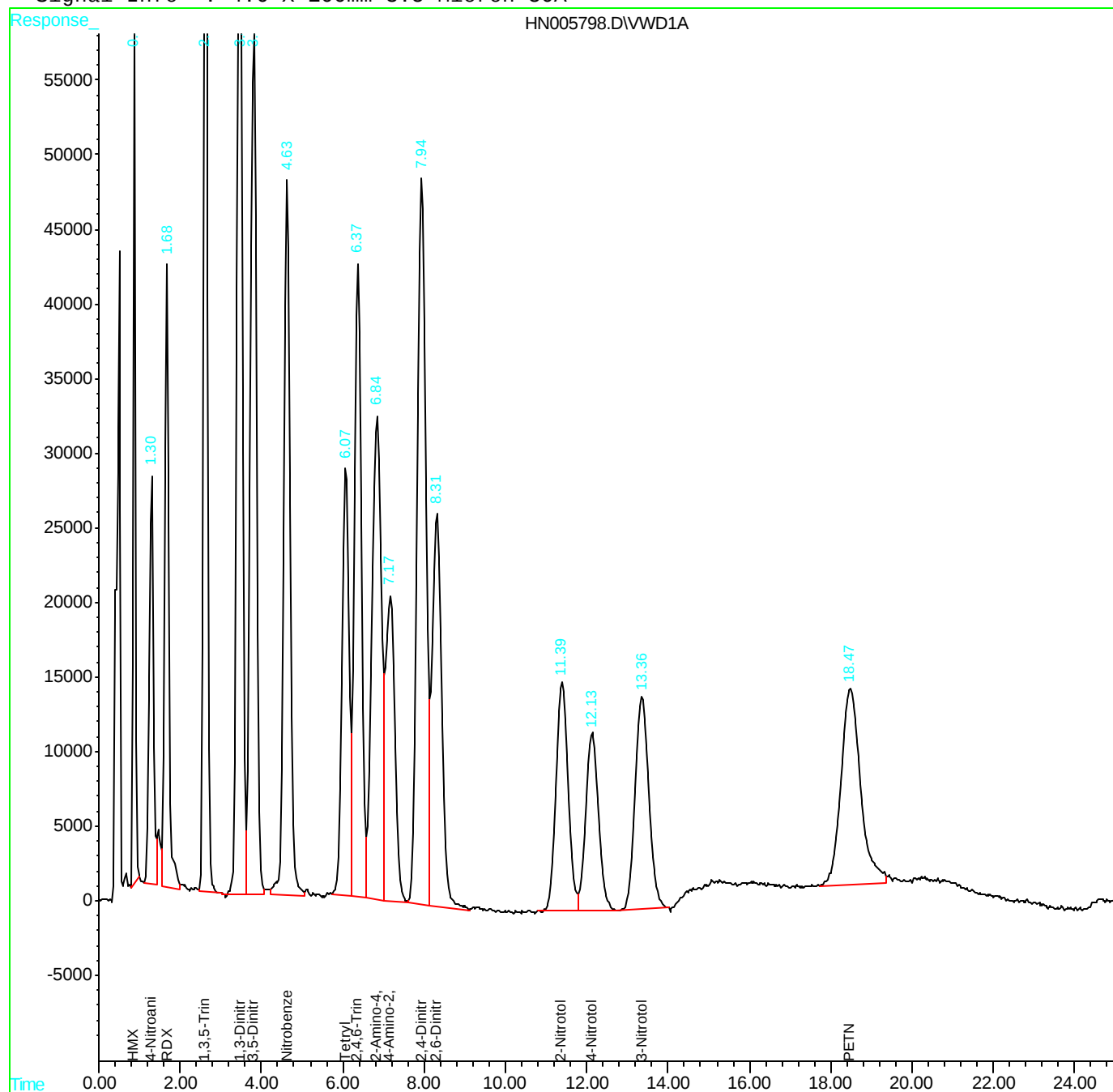
RPT1

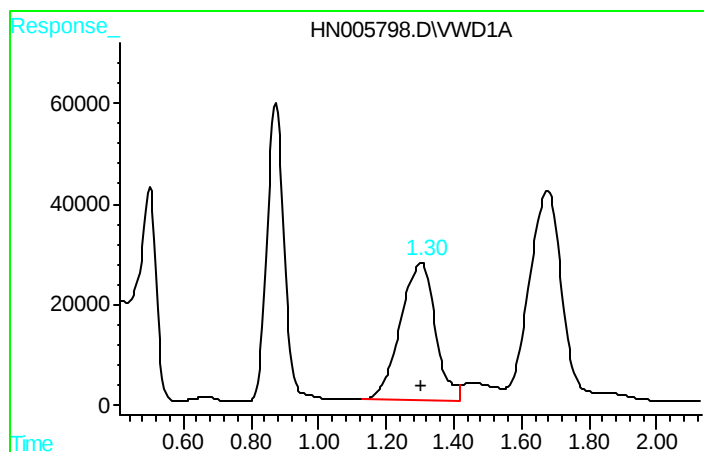
# Quantitation Report

Data File : S:\HPCHEM1\HPLC\_N\DATA\HN012114\HN005798.D Vial: 24  
Acq On : 21-Jan-2014, 19:00 Operator: QM  
Sample : HSTDICCC0500 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: Jan 24 12:59 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN012114.M  
Title :  
Last Update : Fri Jan 24 12:45:07 2014  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

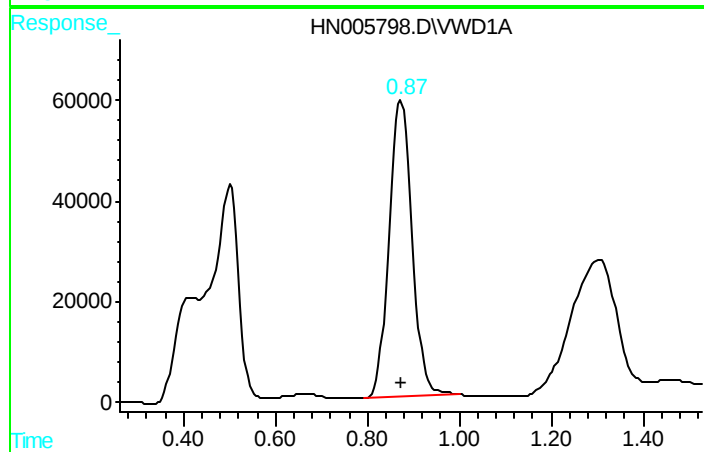
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





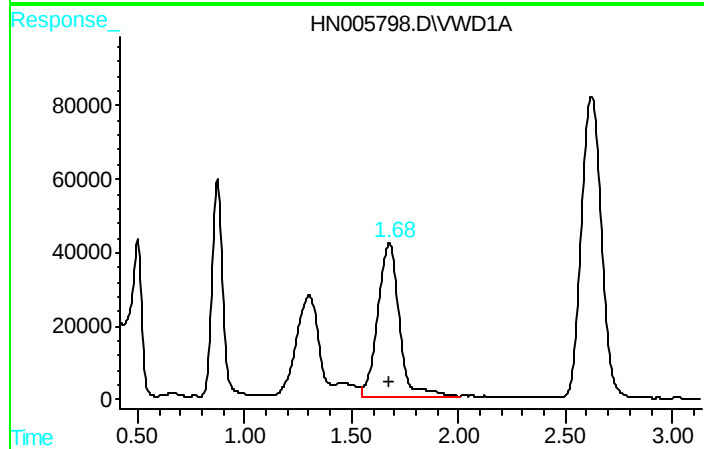
# #1 4-Nitroaniline

R.T.: 1.305 min  
Delta R.T.: 0.000 min  
Response: 1962803  
Conc: 534.66 ug/L



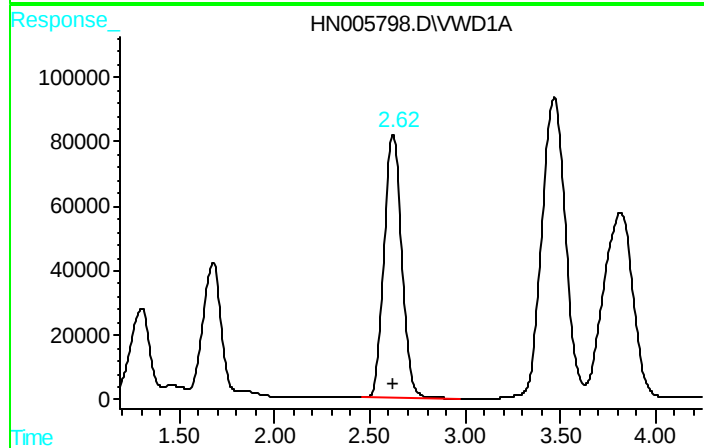
# #2 HMX

R.T.: 0.874 min  
Delta R.T.: 0.000 min  
Response: 2045117  
Conc: 497.44 ug/L



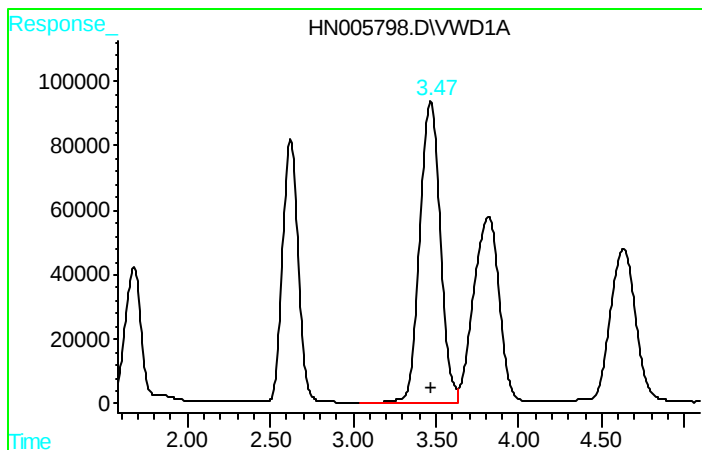
# #3 RDX

R.T.: 1.679 min  
Delta R.T.: 0.000 min  
Response: 2933093  
Conc: 511.90 ug/L



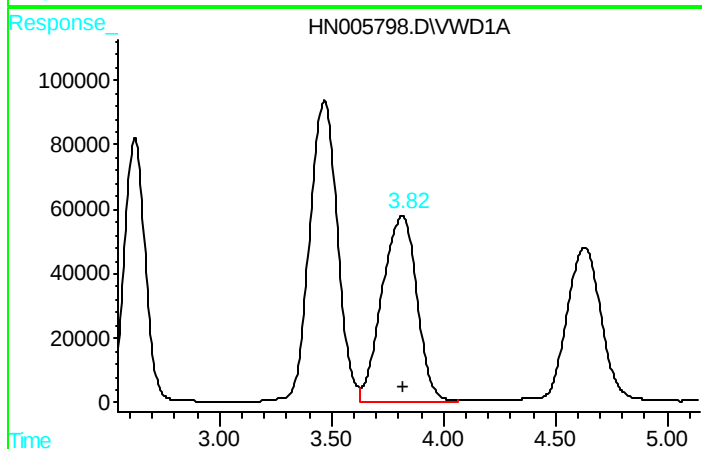
# #4 1,3,5-Trinitrobenzene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 5304509  
Conc: 506.51 ug/L



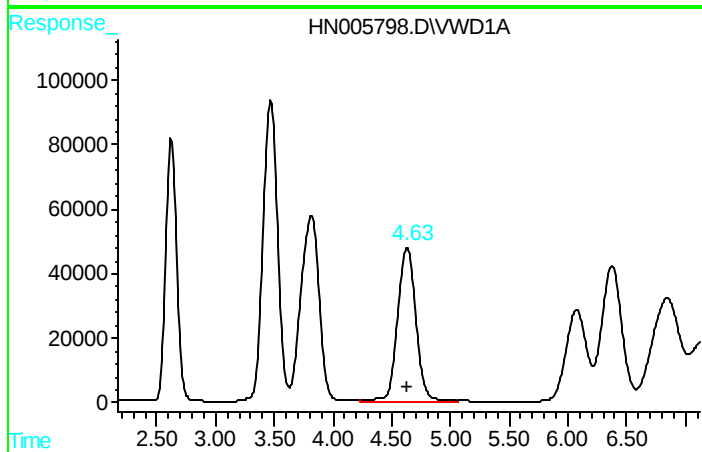
#5 1,3-Dinitrobenzene

R.T.: 3.469 min  
Delta R.T.: 0.000 min  
Response: 8048551  
Conc: 498.91 ng/ml



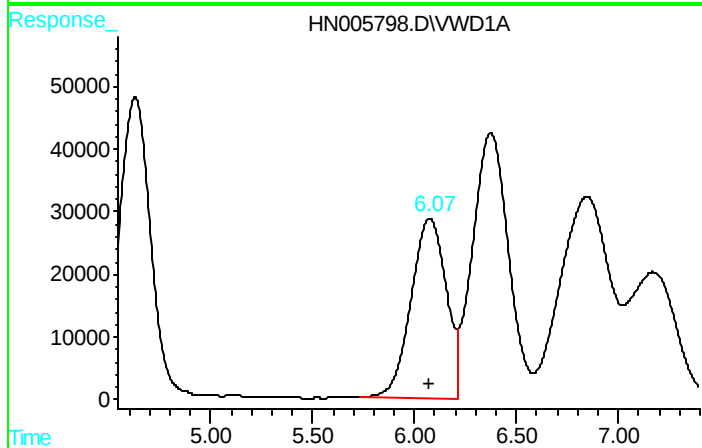
#6 3,5-Dinitroaniline

R.T.: 3.818 min  
Delta R.T.: 0.000 min  
Response: 6232166  
Conc: 497.95 ug/L



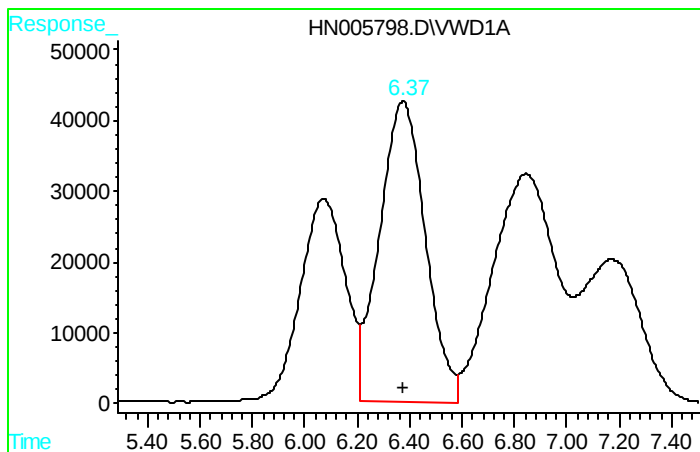
#7 Nitrobenzene

R.T.: 4.631 min  
Delta R.T.: 0.000 min  
Response: 5207598  
Conc: 508.02 ug/L



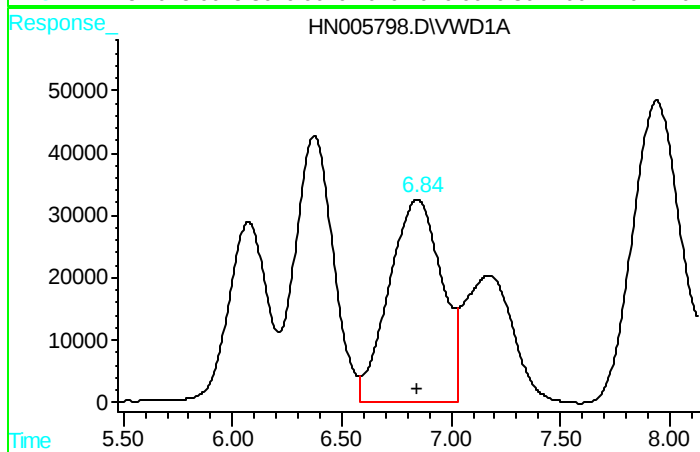
#8 Tetryl

R.T.: 6.073 min  
Delta R.T.: 0.002 min  
Response: 3431530  
Conc: 497.64 ug/L



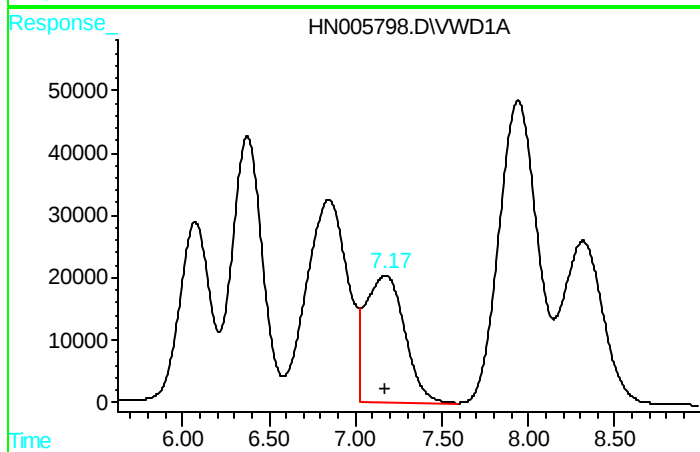
#9 2,4,6-Trinitrotoluene

R.T.: 6.375 min  
Delta R.T.: 0.002 min  
Response: 5172970  
Conc: 495.08 ug/L



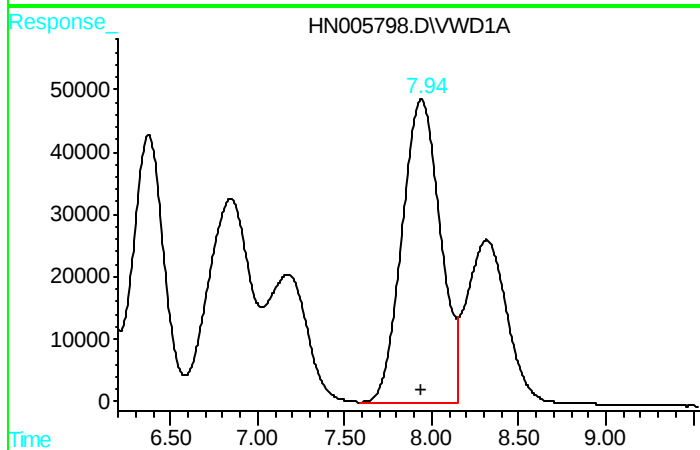
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.846 min  
Delta R.T.: 0.002 min  
Response: 5414047  
Conc: 483.85 ug/L



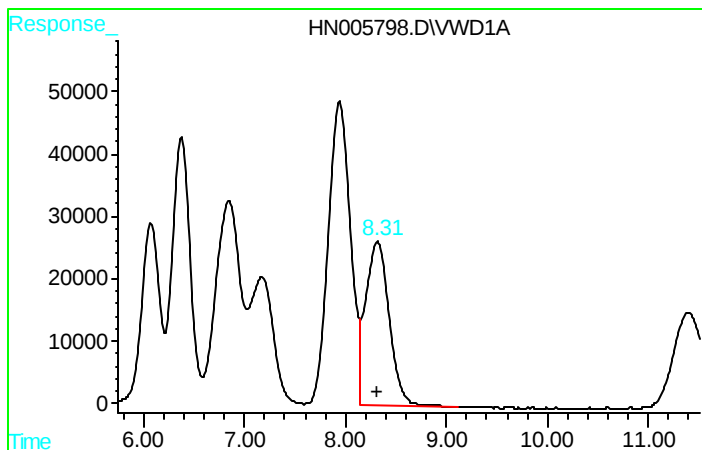
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.172 min  
Delta R.T.: 0.003 min  
Response: 3205267  
Conc: 528.98 ug/L



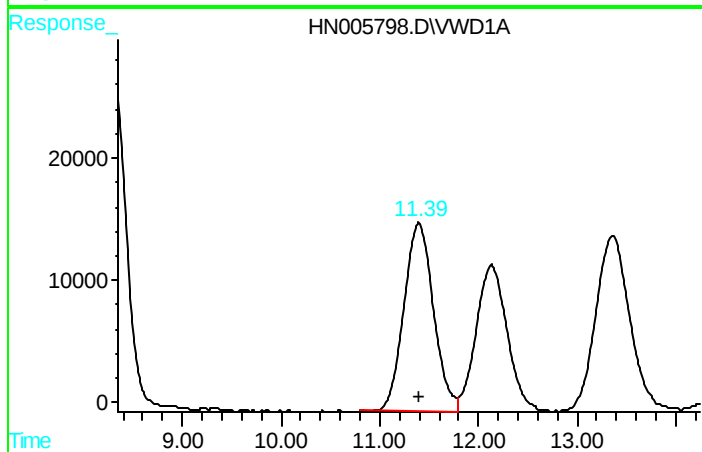
#12 2,4-Dinitrotoluene

R.T.: 7.940 min  
Delta R.T.: 0.002 min  
Response: 7448268  
Conc: 502.99 ug/L



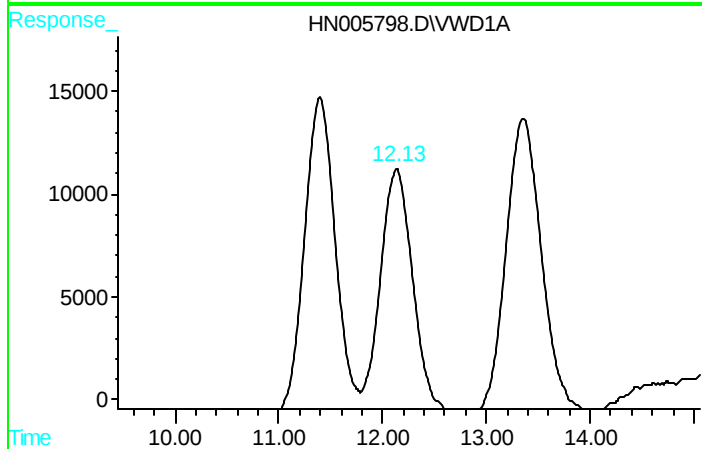
#13 2,6-Dinitrotoluene

R.T.: 8.316 min  
Delta R.T.: 0.001 min  
Response: 4311532  
Conc: 529.39 ug/L



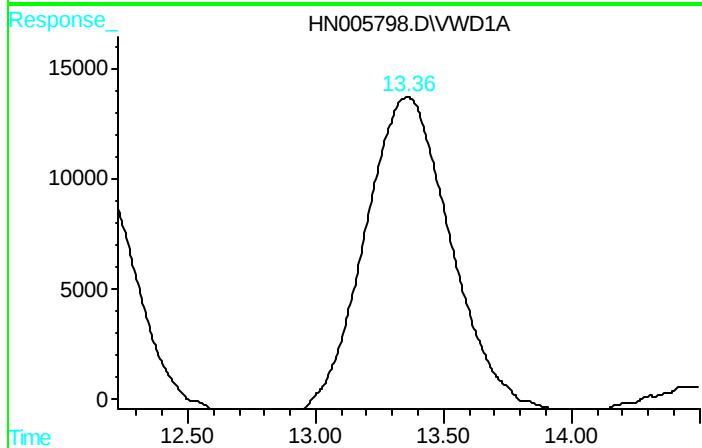
#14 2-Nitrotoluene

R.T.: 11.394 min  
Delta R.T.: 0.003 min  
Response: 3183896  
Conc: 496.96 ug/L



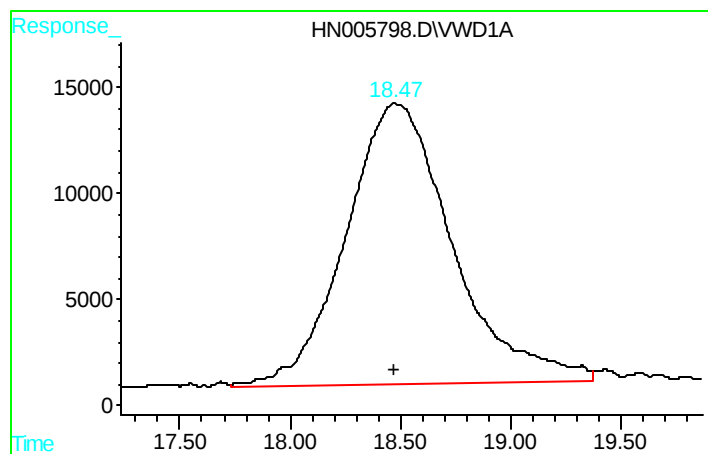
#15 4-Nitrotoluene

R.T.: 12.134 min  
Delta R.T.: 0.000 min  
Response: 2613652  
Conc: 503.96 ug/L



#16 3-Nitrotoluene

R.T.: 13.359 min  
Delta R.T.: 0.000 min  
Response: 3362408  
Conc: 498.83 ug/L



#17 PETN

R.T.: 18.478 min  
Delta R.T.: 0.008 min  
Response: 4454207  
Conc: 534.74 ug/L