

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL053113\HL005349.D Vial: 1  
 Acq On : 31-May-2013, 20:43 Operator: QM  
 Sample : HSTDCCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jun 3 13:16 2013 Quant Results File: HL053013.RES

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL053013.M  
 Title :  
 Last Update : Fri May 31 16:54:32 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  | 1582955  | 380.271 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.89  | 2056117  | 472.843 ug/L  |
| 3) T RDX                         | 1.71  | 2451439  | 474.734 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.64  | 5116299  | 467.242 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.50  | 7530416  | 469.246 ng/ml |
| 6) T 3,5-Dinitroaniline          | 3.84  | 6441036  | 474.614 ug/L  |
| 7) T Nitrobenzene                | 4.69  | 4721922  | 470.563 ug/L  |
| 8) T Tetryl                      | 6.11  | 3288142  | 451.786 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.40  | 5687443  | 482.176 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 6.91  | 5403045  | 460.189 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.26  | 3251563  | 517.564 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.01  | 7366544  | 467.014 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.42  | 4001493  | 474.239 ug/L  |
| 14) T 2-Nitrotoluene             | 11.55 | 3034879  | 456.942 ug/L  |
| 15) T 4-Nitrotoluene             | 12.27 | 2693149  | 492.371 ug/L  |
| 16) T 3-Nitrotoluene             | 13.50 | 3331014  | 475.338 ug/L  |
| 17) T PETN                       | 18.89 | 10036366 | 1125.246 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 #:\_\_\_\_\_

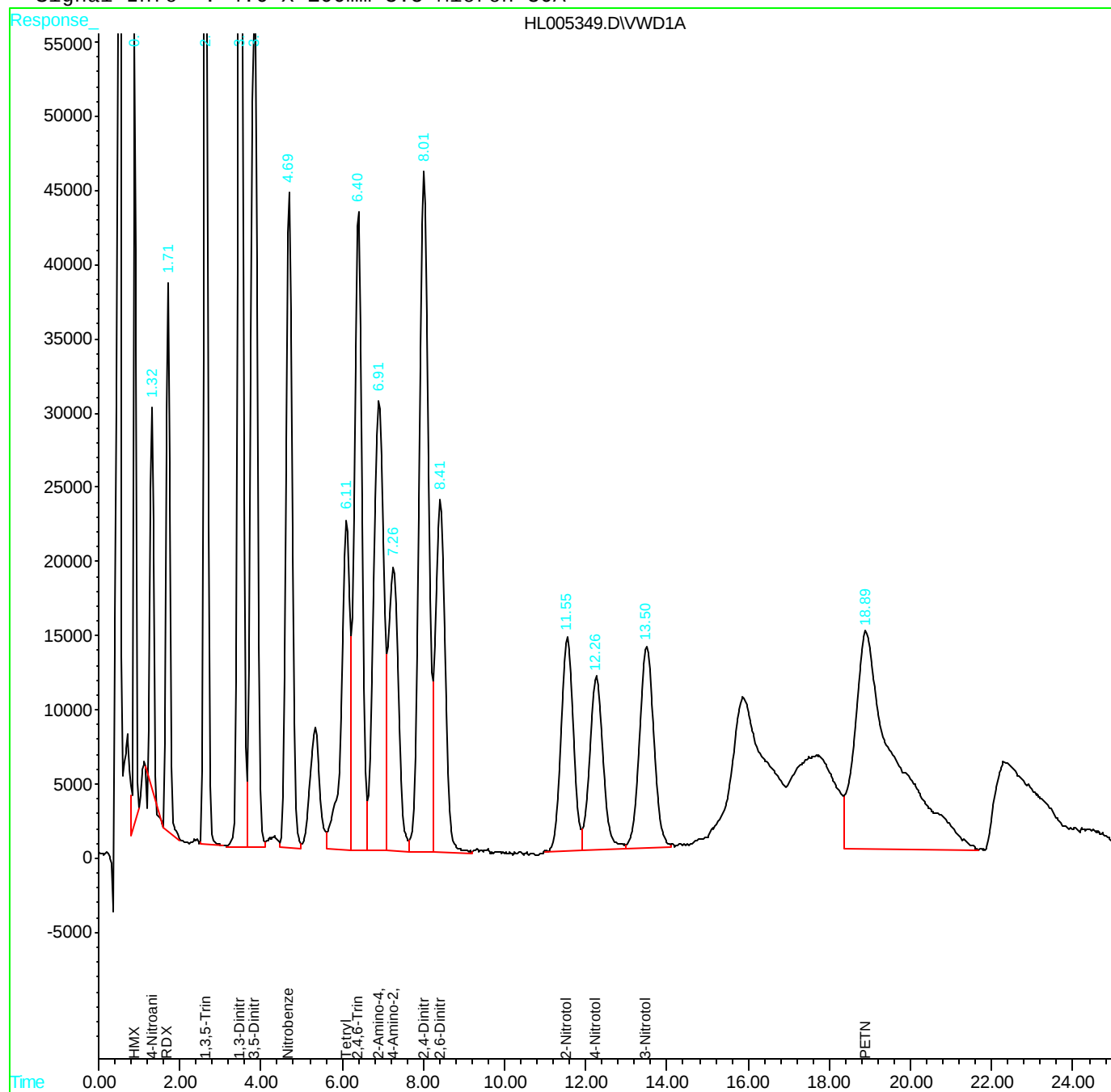
(f)=RT Delta > 1/2 Window (m)=manual int.

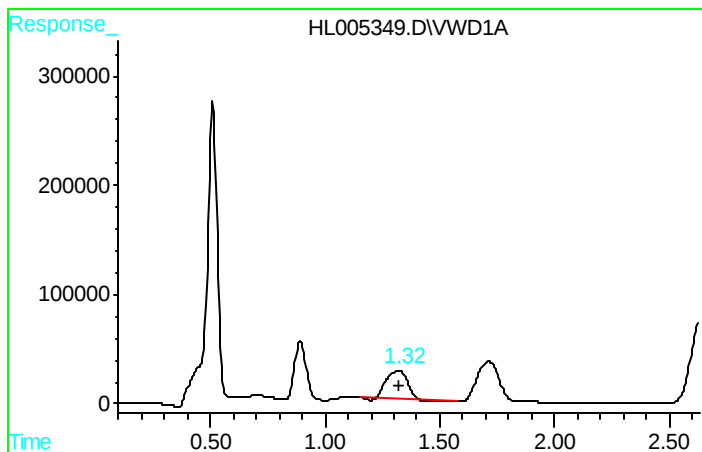
# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL053113\HL005349.D Vial: 1  
Acq On : 31-May-2013, 20:43 Operator: QM  
Sample : HSTDCCC0500 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: Jun 3 13:16 2013 Quant Results File: HL053013.RES

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL053013.M  
Title :  
Last Update : Fri May 31 16:54:32 2013  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

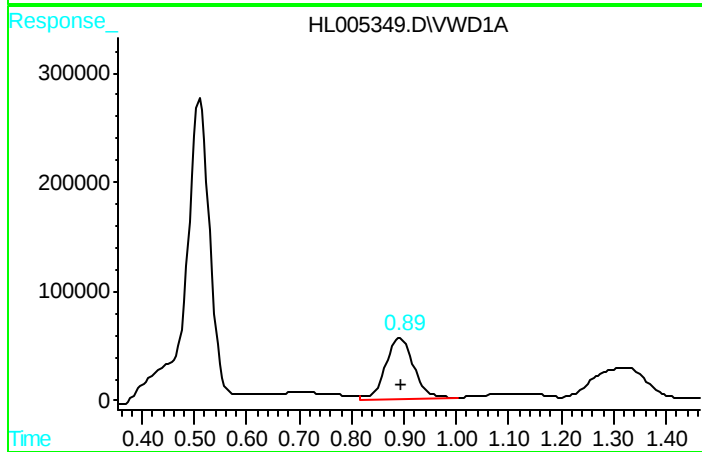
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





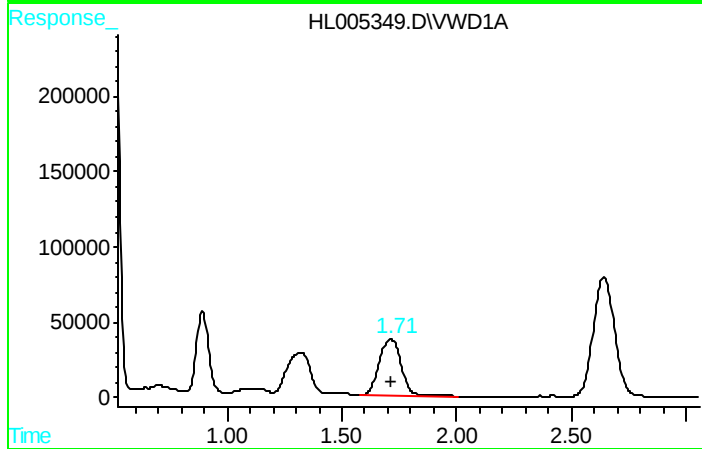
#1 4-Nitroaniline

R.T.: 1.318 min  
 Delta R.T.: -0.003 min  
 Response: 1582955  
 Conc: 380.27 ug/L



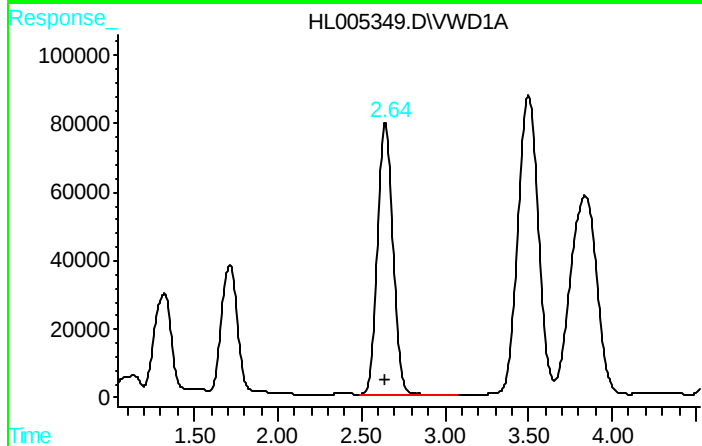
#2 HMX

R.T.: 0.894 min  
 Delta R.T.: 0.000 min  
 Response: 2056117  
 Conc: 472.84 ug/L



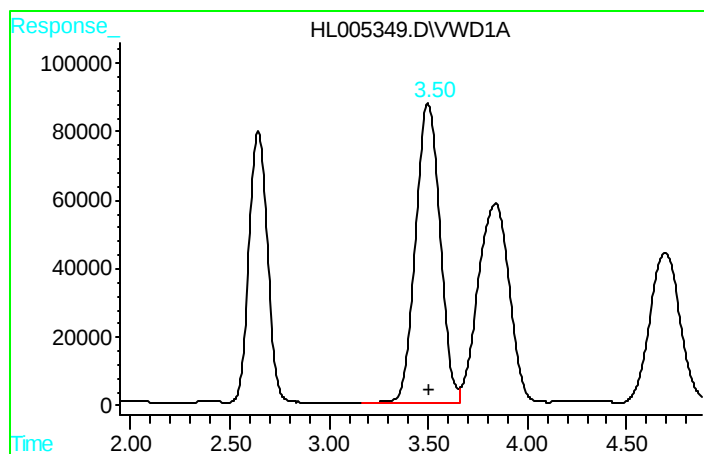
#3 RDX

R.T.: 1.713 min  
 Delta R.T.: 0.000 min  
 Response: 2451439  
 Conc: 474.73 ug/L



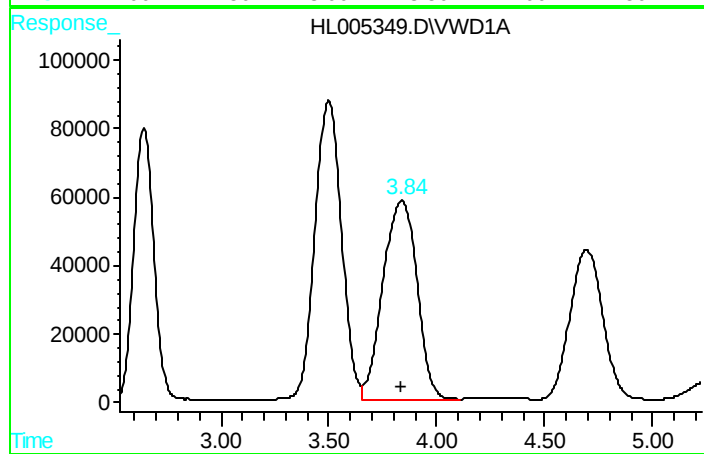
#4 1,3,5-Trinitrobenzene

R.T.: 2.643 min  
 Delta R.T.: 0.000 min  
 Response: 5116299  
 Conc: 467.24 ug/L



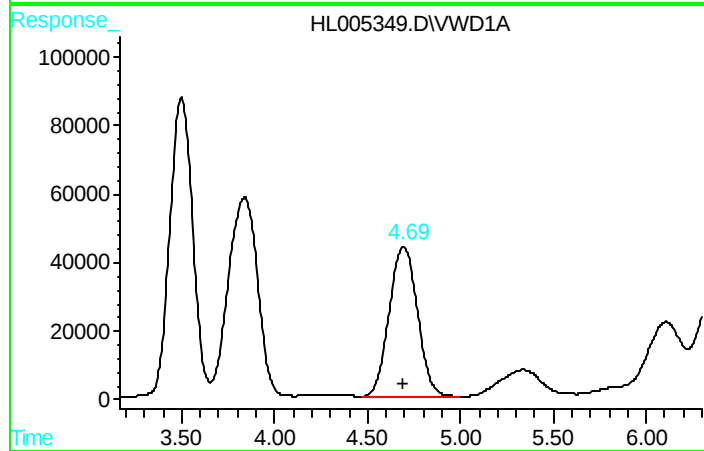
#5 1,3-Dinitrobenzene

R.T.: 3.500 min  
Delta R.T.: 0.000 min  
Response: 7530416  
Conc: 469.25 ng/ml



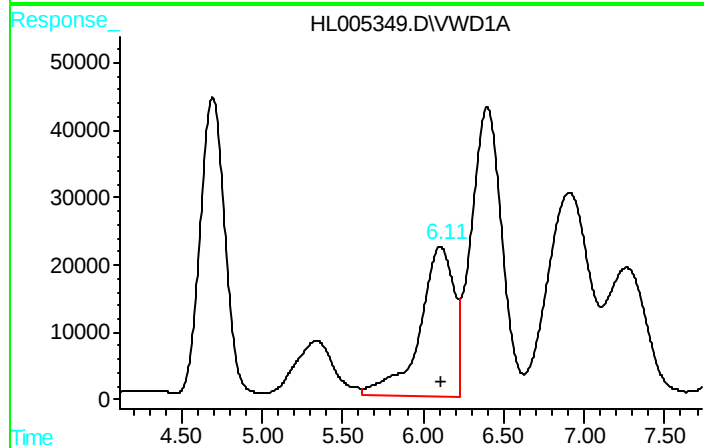
#6 3,5-Dinitroaniline

R.T.: 3.838 min  
Delta R.T.: 0.000 min  
Response: 6441036  
Conc: 474.61 ug/L



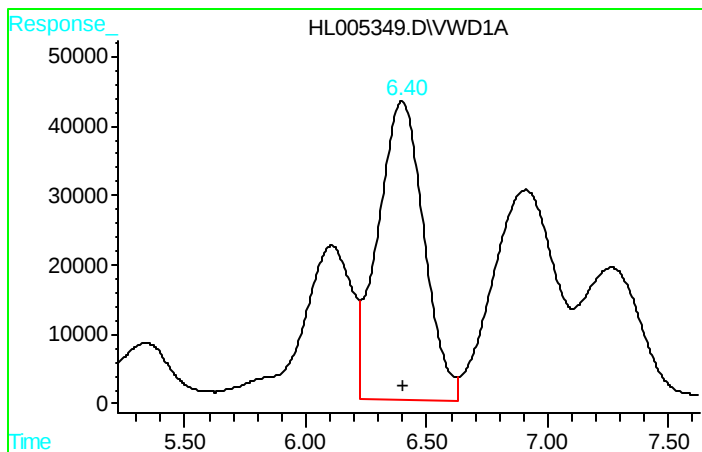
#7 Nitrobenzene

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 4721922  
Conc: 470.56 ug/L



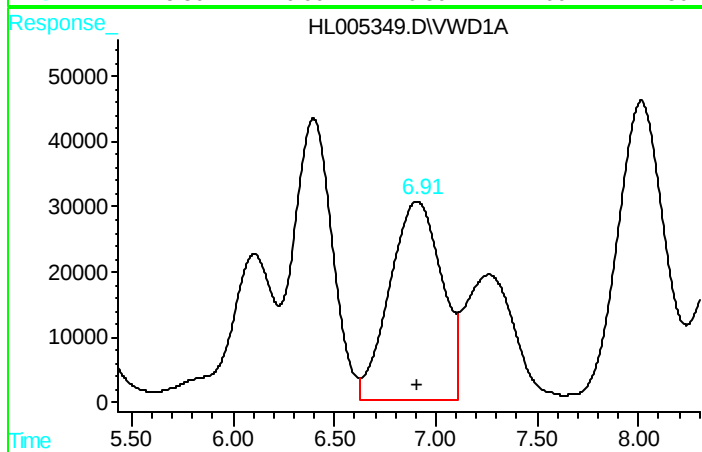
#8 Tetryl

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 3288142  
Conc: 451.79 ug/L



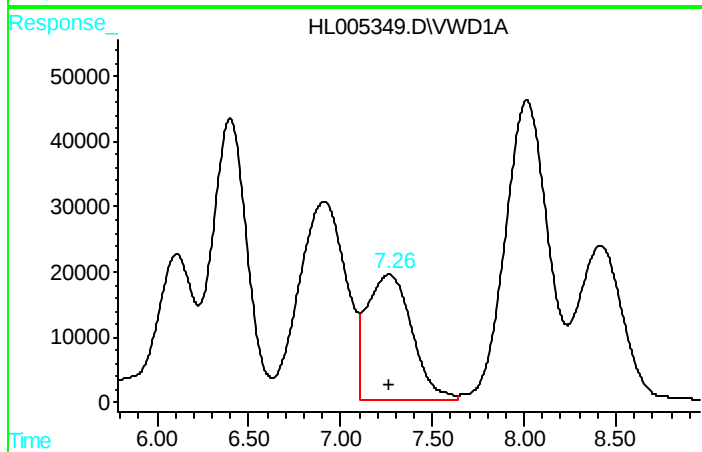
#9 2,4,6-Trinitrotoluene

R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 5687443  
Conc: 482.18 ug/L



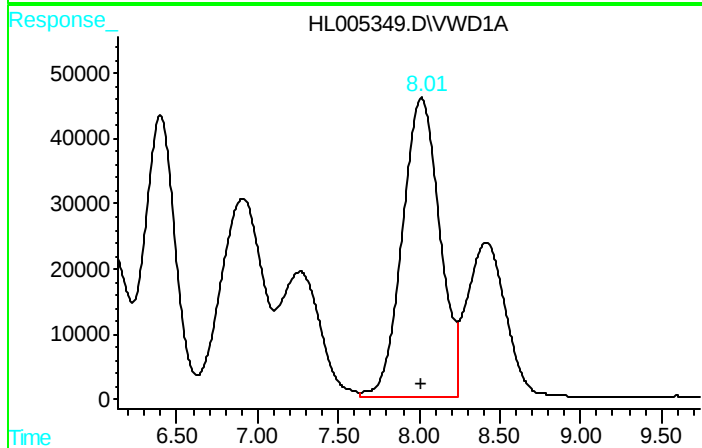
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.909 min  
Delta R.T.: 0.002 min  
Response: 5403045  
Conc: 460.19 ug/L



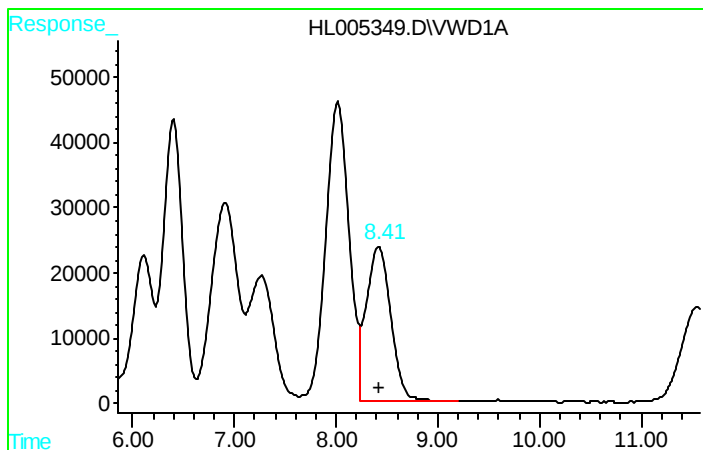
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.263 min  
Delta R.T.: 0.001 min  
Response: 3251563  
Conc: 517.56 ug/L



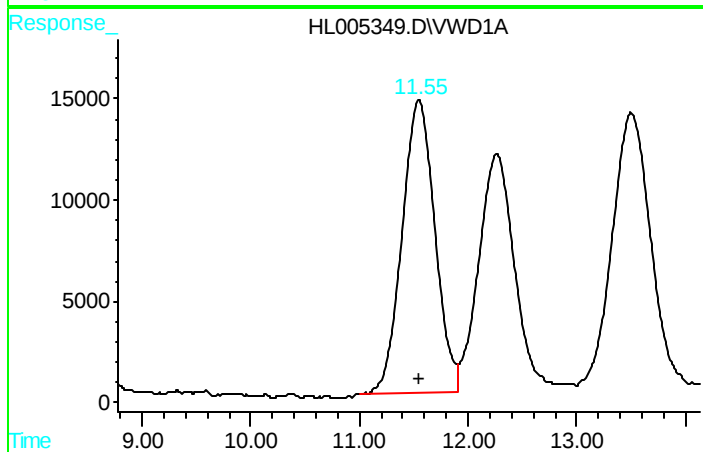
#12 2,4-Dinitrotoluene

R.T.: 8.014 min  
Delta R.T.: 0.002 min  
Response: 7366544  
Conc: 467.01 ug/L



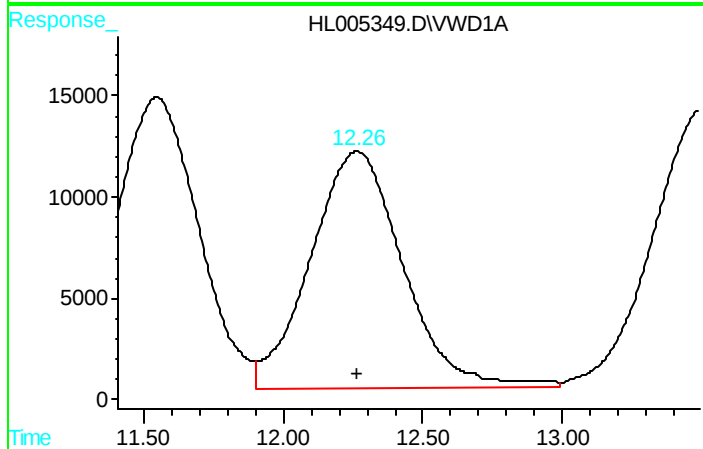
#13 2,6-Dinitrotoluene

R.T.: 8.416 min  
Delta R.T.: 0.002 min  
Response: 4001493  
Conc: 474.24 ug/L



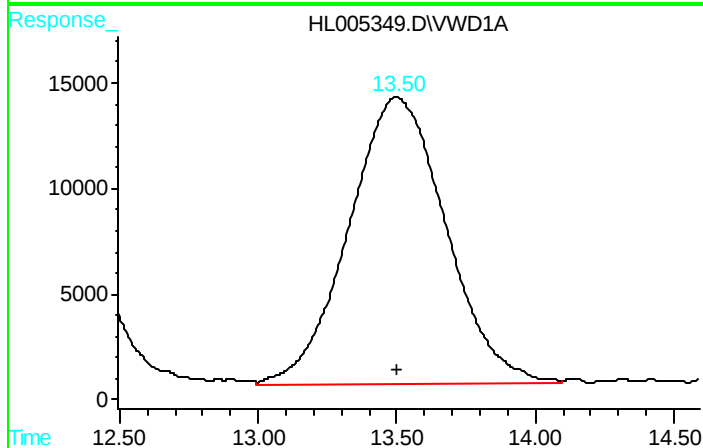
#14 2-Nitrotoluene

R.T.: 11.547 min  
Delta R.T.: 0.002 min  
Response: 3034879  
Conc: 456.94 ug/L



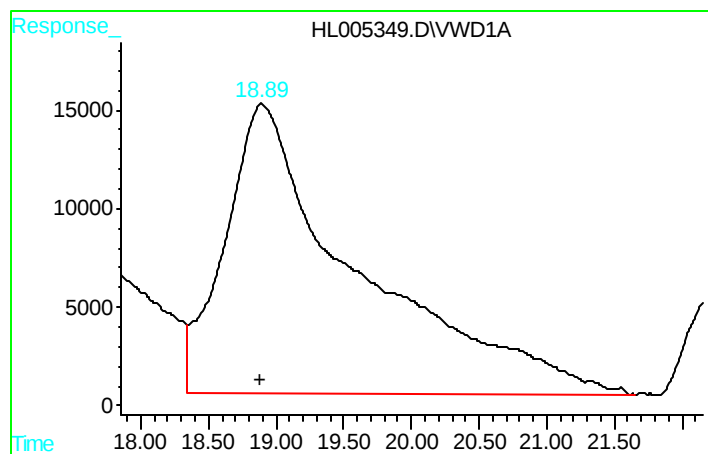
#15 4-Nitrotoluene

R.T.: 12.265 min  
Delta R.T.: 0.003 min  
Response: 2693149  
Conc: 492.37 ug/L



#16 3-Nitrotoluene

R.T.: 13.500 min  
Delta R.T.: 0.003 min  
Response: 3331014  
Conc: 475.34 ug/L



#17 PETN

R.T.: 18.892 min  
Delta R.T.: 0.006 min  
Response: 10036366  
Conc: 1125.25 ug/L