

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005352.D Vial: 1
 Acq On : 31-May-2013, 22:58 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jun 3 14:47 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	1.31	1611629	387.160 ug/L
Target Compounds			
2) T HMX	0.89	2054115	472.383 ug/L
3) T RDX	1.70	2426164	469.839 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	5105638	466.268 ug/L
5) T 1,3-Dinitrobenzene	3.49	7672767	478.116 ng/ml
6) T 3,5-Dinitroaniline	3.84	6503119	479.189 ug/L
7) T Nitrobenzene	4.68	4703812	468.758 ug/L
8) T Tetryl	6.09	3034521	416.939 ug/L
9) T 2,4,6-Trinitrotoluene	6.36	5380839	456.182 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.85	5303130	451.679 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.20	3256939	518.419 ug/L
12) T 2,4-Dinitrotoluene	7.95	7286479	461.939 ug/L
13) T 2,6-Dinitrotoluene	8.35	3981594	471.881 ug/L
14) T 2-Nitrotoluene	11.50	3119400	469.667 ug/L
15) T 4-Nitrotoluene	12.24	2638314	482.346 ug/L
16) T 3-Nitrotoluene	13.49	3355723	478.864 ug/L
17) T PETN	18.87	5562858	623.690 ug/L

 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.

HL005352.D HL053013.M

Mon Jun 03 14:47:29 2013

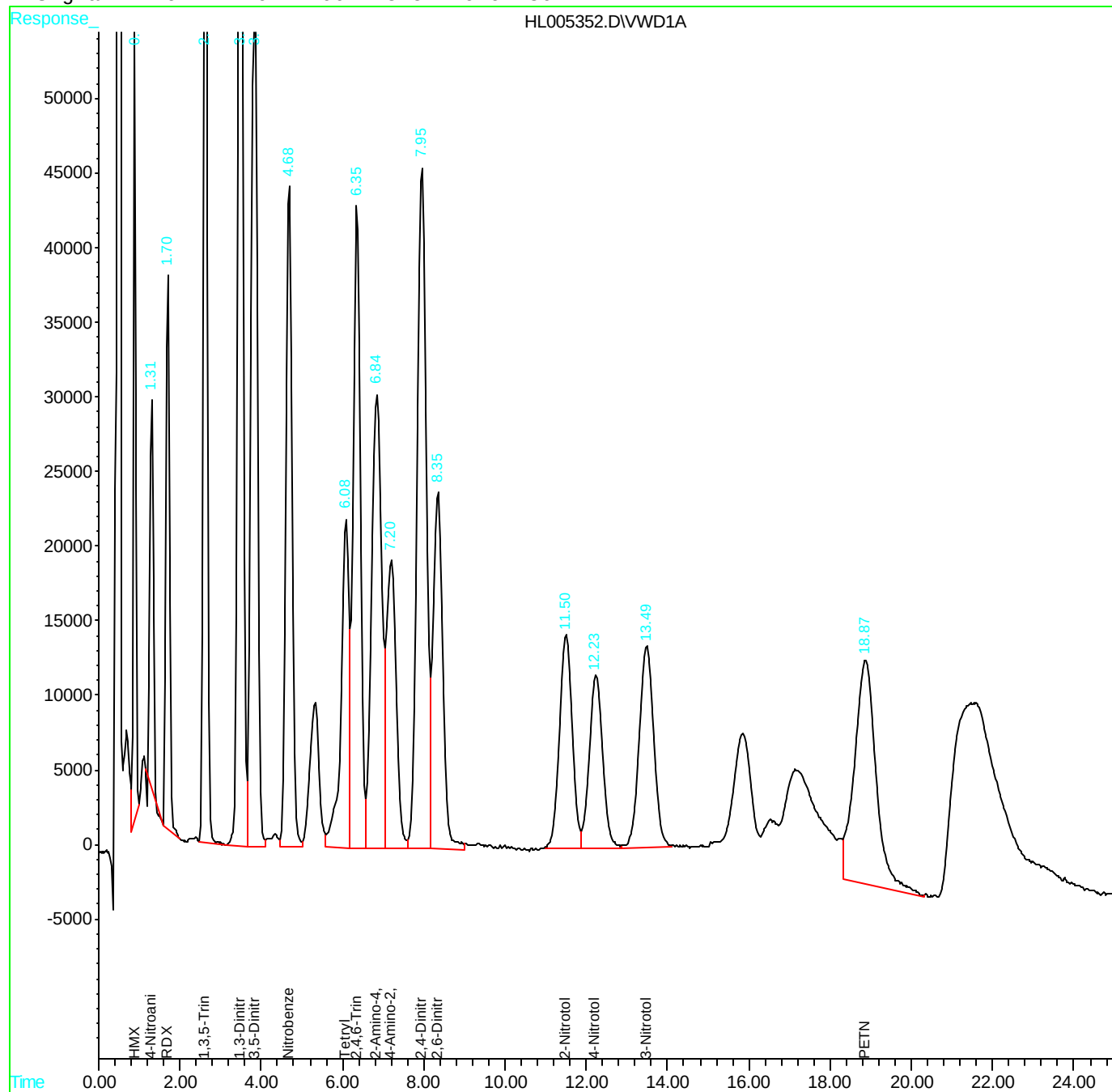
RPT1

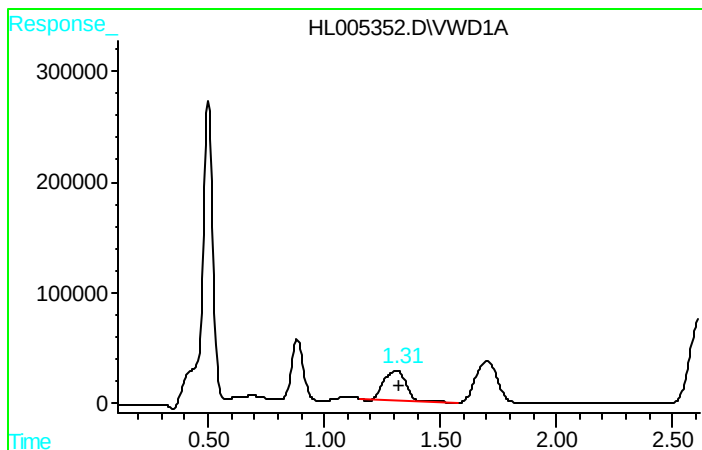
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005352.D Vial: 1
Acq On : 31-May-2013, 22:58 Operator: QM
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jun 3 14:47 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

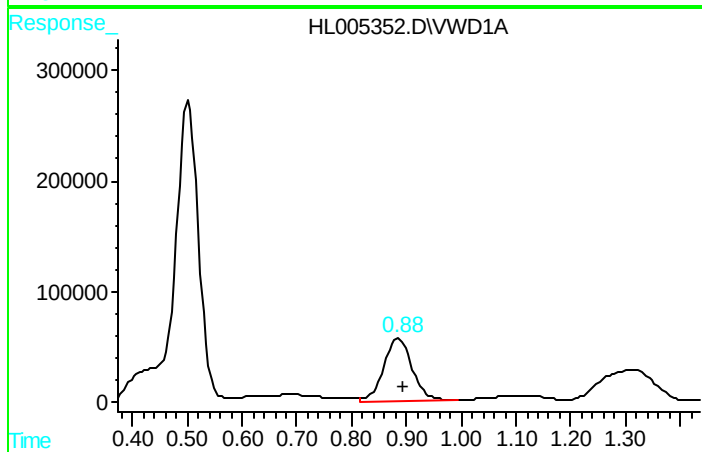
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





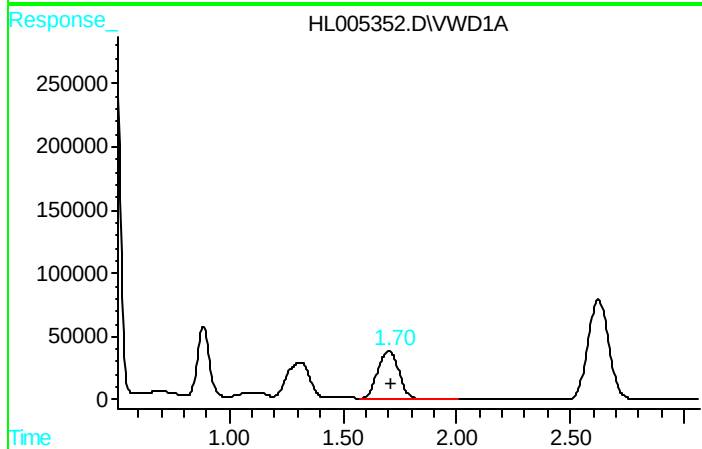
#1 4-Nitroaniline

R.T.: 1.310 min
Delta R.T.: -0.011 min
Response: 1611629
Conc: 387.16 ug/L



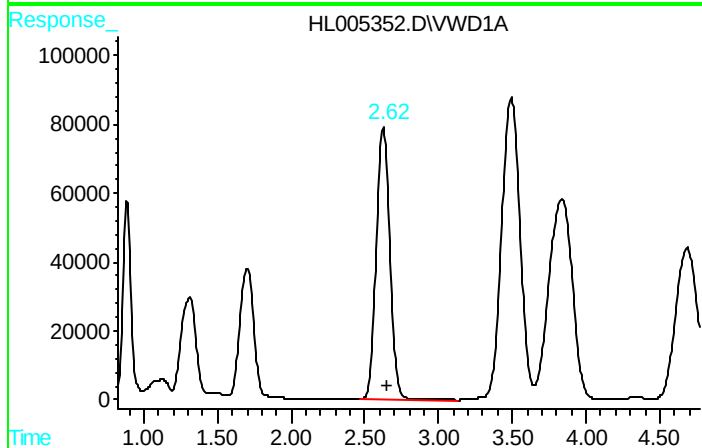
#2 HMX

R.T.: 0.886 min
Delta R.T.: -0.008 min
Response: 2054115
Conc: 472.38 ug/L



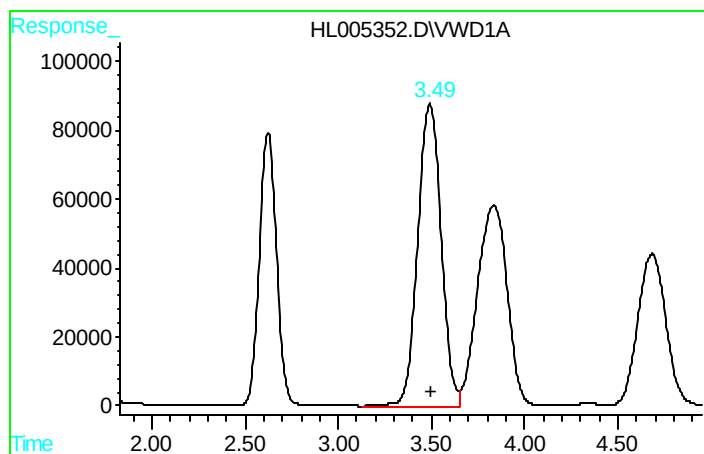
#3 RDX

R.T.: 1.702 min
Delta R.T.: -0.011 min
Response: 2426164
Conc: 469.84 ug/L



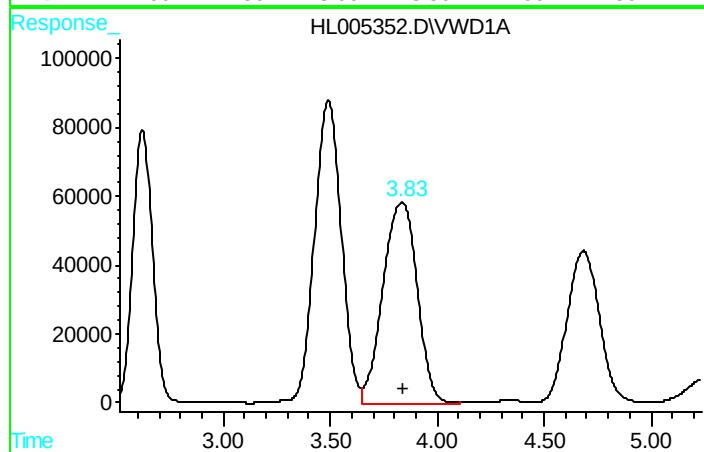
#4 1,3,5-Trinitrobenzene

R.T.: 2.624 min
Delta R.T.: -0.019 min
Response: 5105638
Conc: 466.27 ug/L



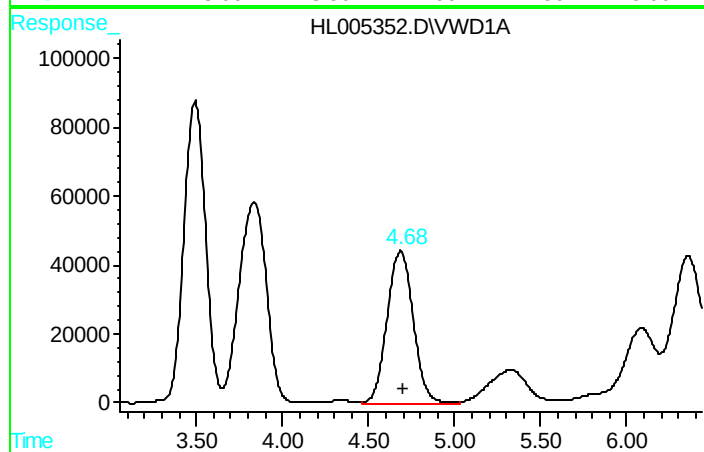
#5 1,3-Dinitrobenzene

R.T.: 3.492 min
Delta R.T.: -0.007 min
Response: 7672767
Conc: 478.12 ng/ml



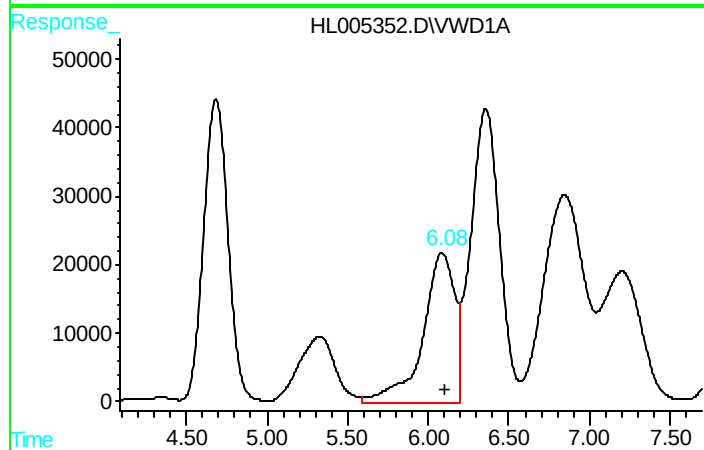
#6 3,5-Dinitroaniline

R.T.: 3.835 min
Delta R.T.: -0.002 min
Response: 6503119
Conc: 479.19 ug/L



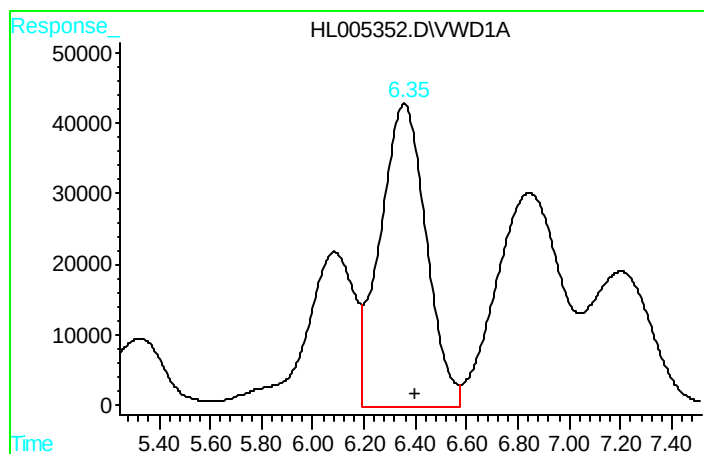
#7 Nitrobenzene

R.T.: 4.685 min
Delta R.T.: -0.009 min
Response: 4703812
Conc: 468.76 ug/L



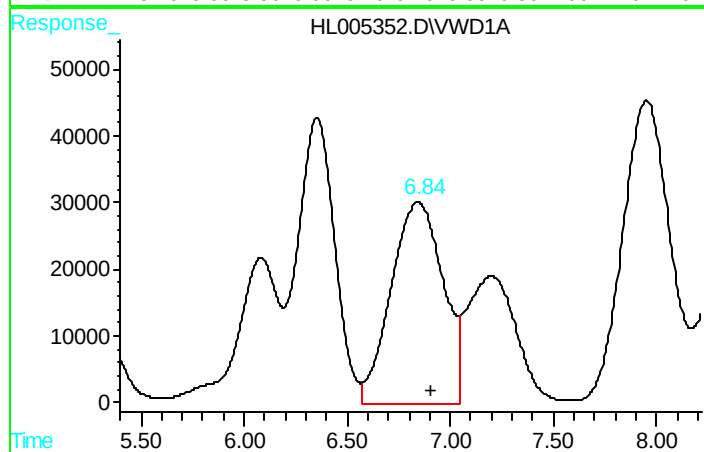
#8 Tetryl

R.T.: 6.086 min
Delta R.T.: -0.022 min
Response: 3034521
Conc: 416.94 ug/L



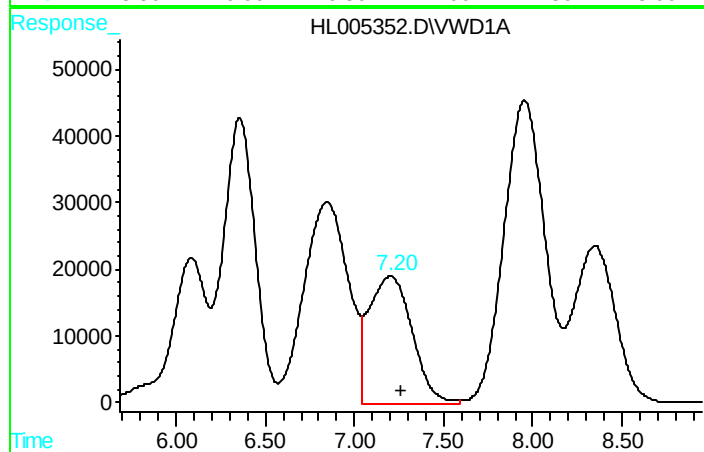
#9 2,4,6-Trinitrotoluene

R.T.: 6.357 min
Delta R.T.: -0.041 min
Response: 5380839
Conc: 456.18 ug/L



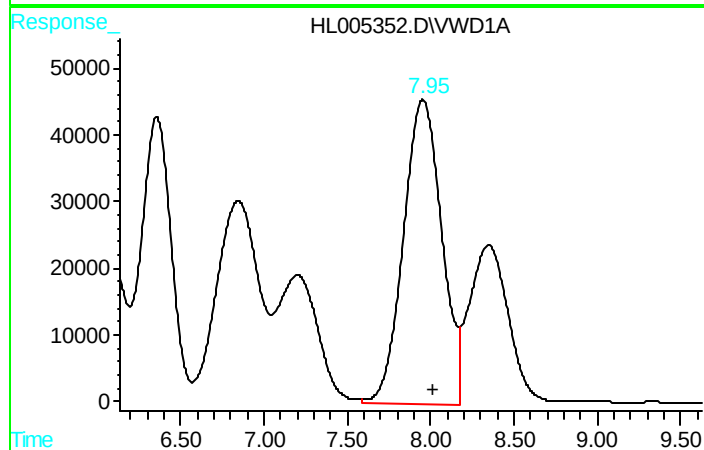
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.846 min
Delta R.T.: -0.061 min
Response: 5303130
Conc: 451.68 ug/L



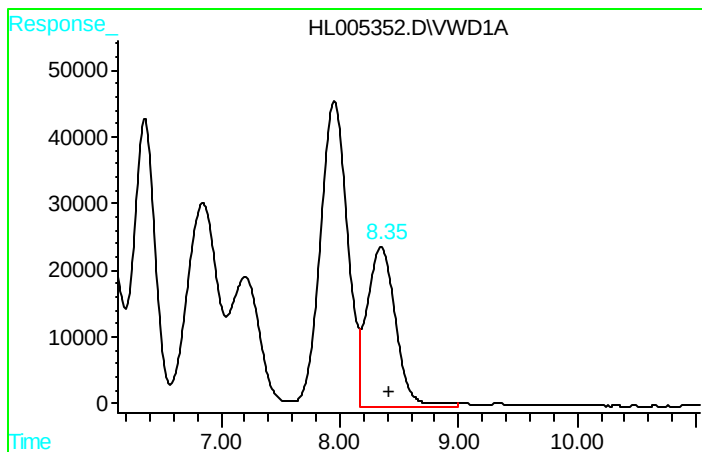
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.202 min
Delta R.T.: -0.060 min
Response: 3256939
Conc: 518.42 ug/L



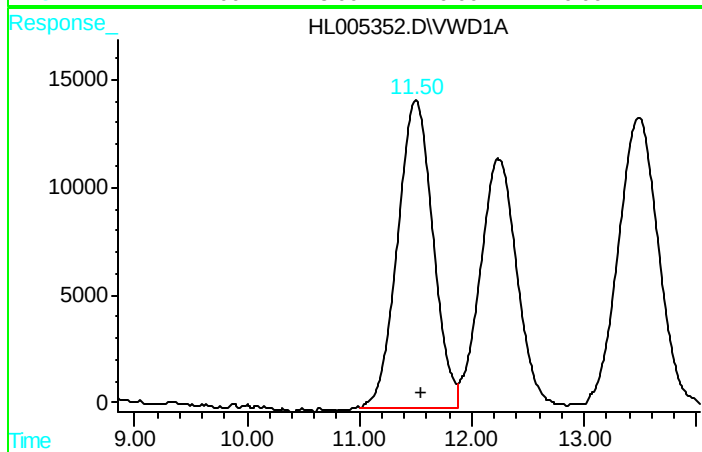
#12 2,4-Dinitrotoluene

R.T.: 7.953 min
Delta R.T.: -0.059 min
Response: 7286479
Conc: 461.94 ug/L



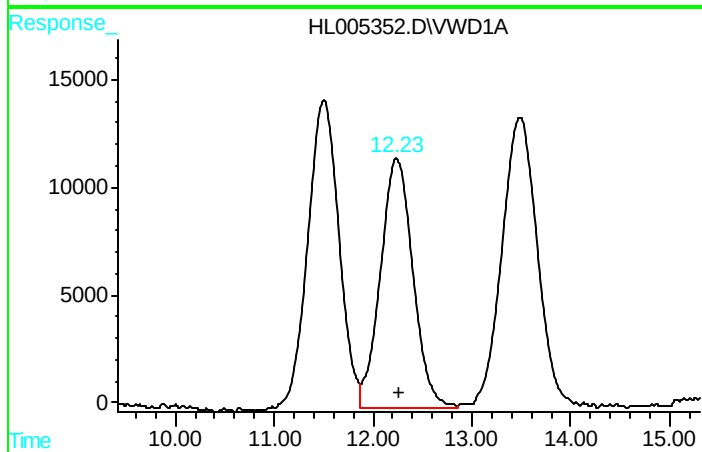
#13 2,6-Dinitrotoluene

R.T.: 8.349 min
 Delta R.T.: -0.065 min
 Response: 3981594
 Conc: 471.88 ug/L



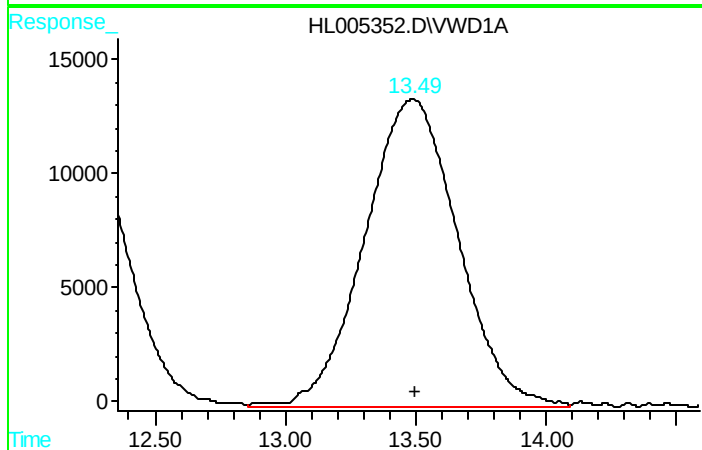
#14 2-Nitrotoluene

R.T.: 11.501 min
 Delta R.T.: -0.044 min
 Response: 3119400
 Conc: 469.67 ug/L



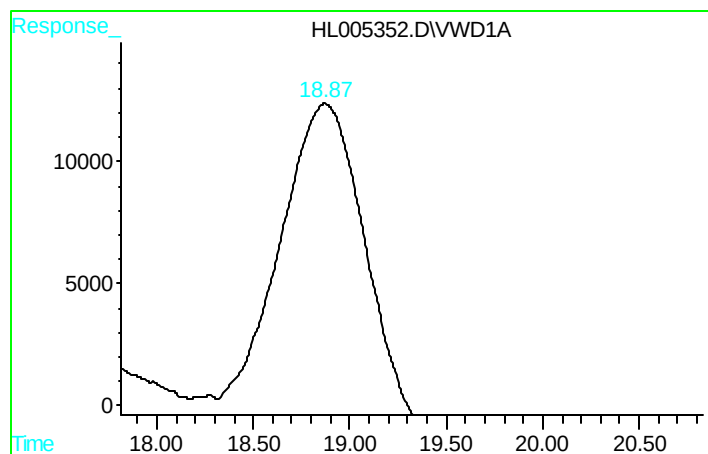
#15 4-Nitrotoluene

R.T.: 12.235 min
 Delta R.T.: -0.027 min
 Response: 2638314
 Conc: 482.35 ug/L



#16 3-Nitrotoluene

R.T.: 13.488 min
 Delta R.T.: -0.009 min
 Response: 3355723
 Conc: 478.86 ug/L



#17 PETN

R.T.: 18.872 min
Delta R.T.: -0.014 min
Response: 5562858
Conc: 623.69 ug/L