

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005340.D Vial: 2
 Acq On : 31-May-2013, 13:59 Operator: QM
 Sample : PB70083BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 31 16:55 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	1.27	616256	148.042 ug/L
Target Compounds			
2) T HMX	0.86	1095794	251.999 ug/L
3) T RDX	1.67	717487	138.945 ug/L
4) T 1,3,5-Trinitrobenzene	2.61	1567497	143.150 ug/L
5) T 1,3-Dinitrobenzene	3.47	2227579	138.808 ng/ml
6) T 3,5-Dinitroaniline	3.82	1843014	135.804 ug/L
7) T Nitrobenzene	4.65	1387972	138.318 ug/L
8) T Tetryl	6.04	674796	92.716 ug/L
9) T 2,4,6-Trinitrotoluene	6.32	1601336	135.760 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.82	1598327	136.133 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.15	904565	143.983 ug/L
12) T 2,4-Dinitrotoluene	7.90	2146310	136.069 ug/L
13) T 2,6-Dinitrotoluene	8.28	1195356	141.668 ug/L
14) T 2-Nitrotoluene	11.40	880887	132.629 ug/L
15) T 4-Nitrotoluene	12.12	774477	141.593 ug/L
16) T 3-Nitrotoluene	13.33	976496	139.347 ug/L
17) T PETN	18.69	1667460	186.950 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.

HL005340.D HL053013.M

Fri May 31 16:55:43 2013

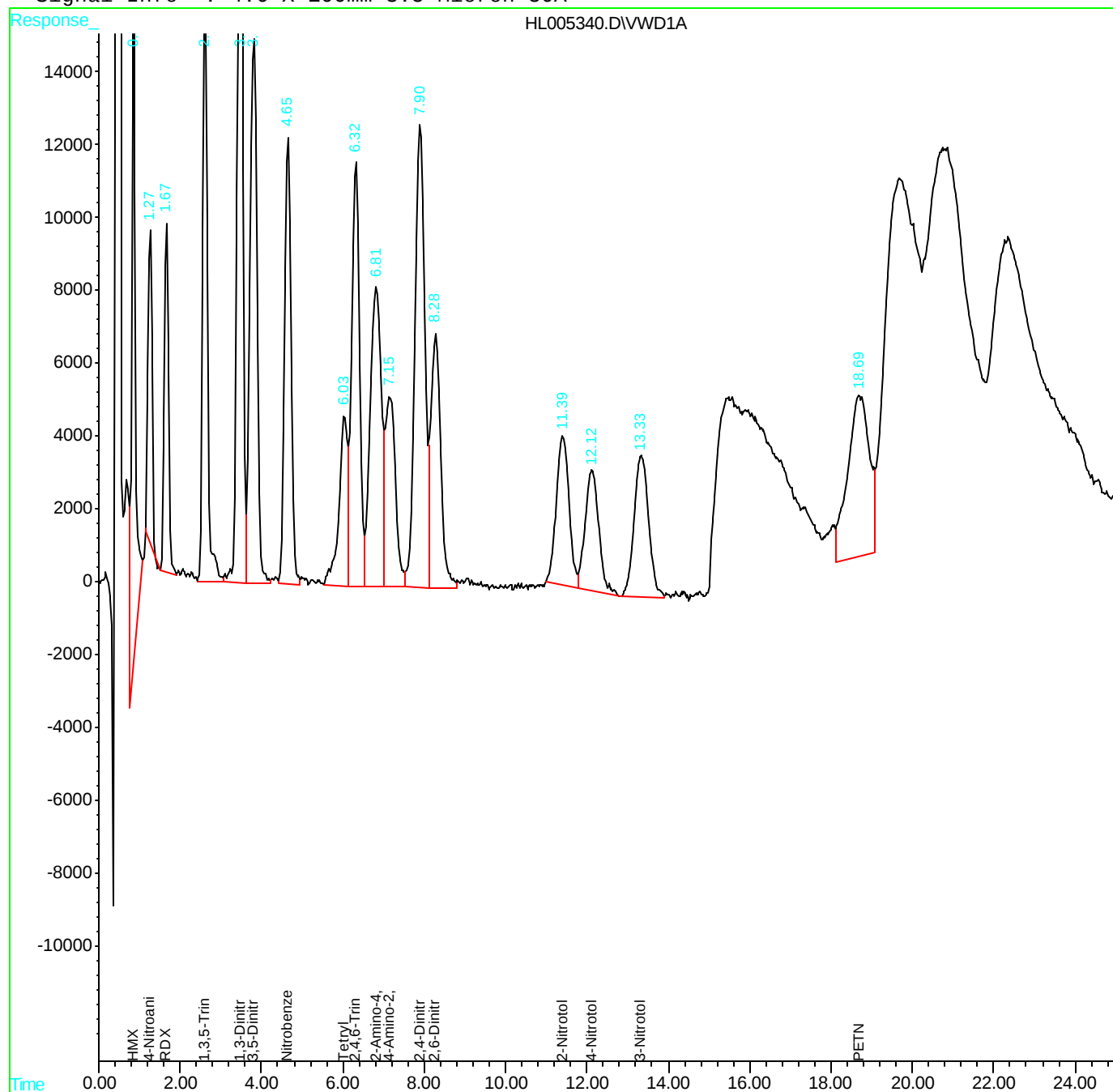
RPT1

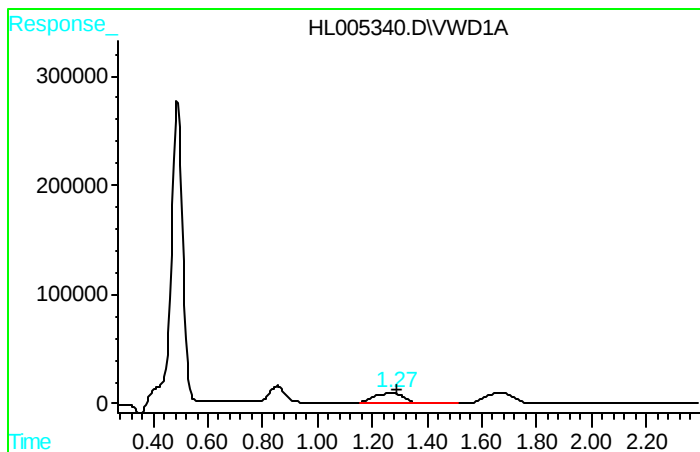
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005340.D Vial: 2
Acq On : 31-May-2013, 13:59 Operator: QM
Sample : PB70083BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: May 31 16:55 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

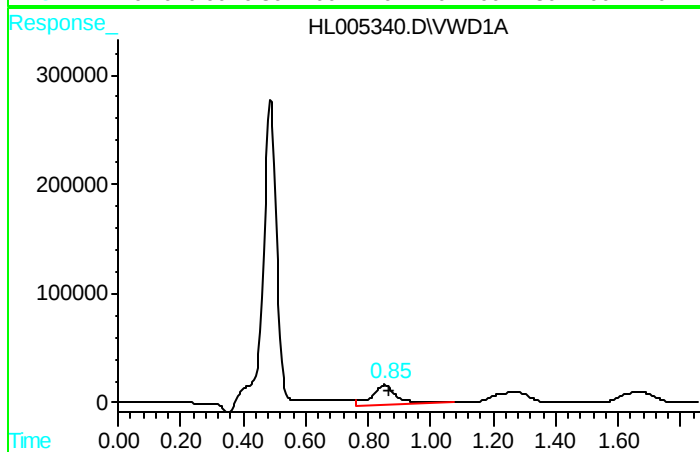
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





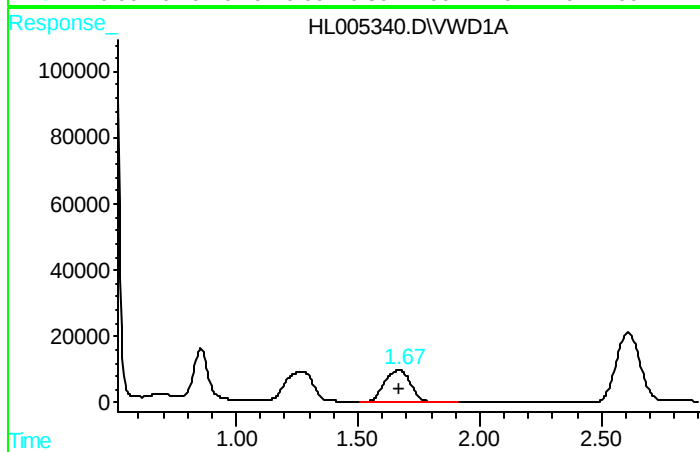
#1 4-Nitroaniline

R.T.: 1.268 min
Delta R.T.: -0.019 min
Response: 616256
Conc: 148.04 ug/L



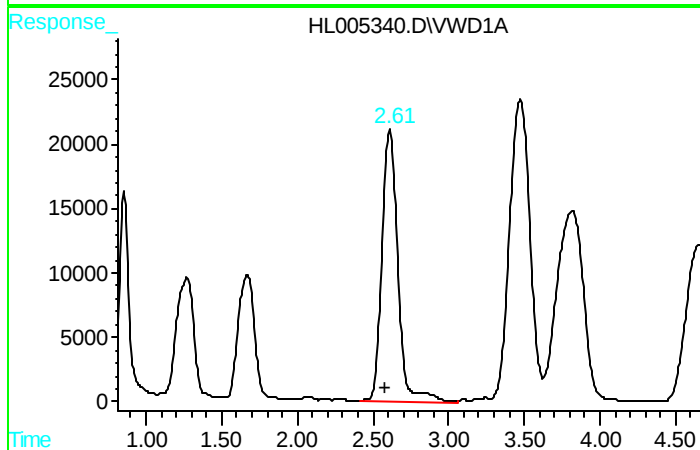
#2 HMX

R.T.: 0.855 min
Delta R.T.: -0.013 min
Response: 1095794
Conc: 252.00 ug/L



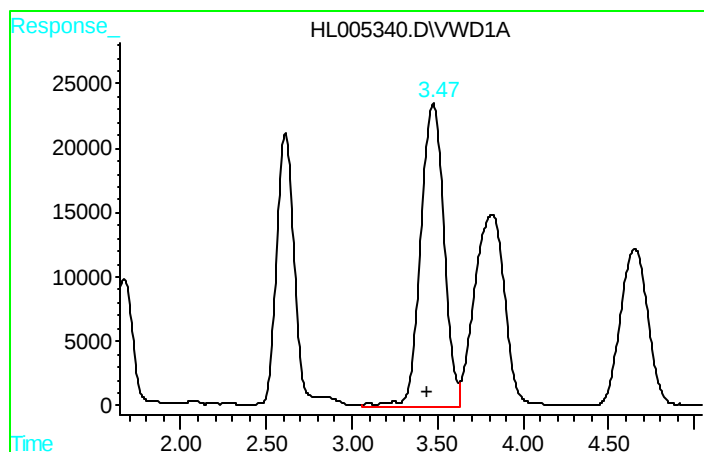
#3 RDX

R.T.: 1.669 min
Delta R.T.: -0.002 min
Response: 717487
Conc: 138.95 ug/L



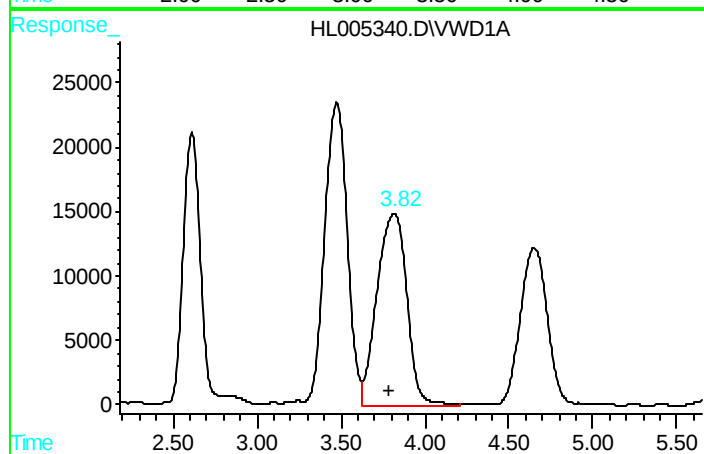
#4 1,3,5-Trinitrobenzene

R.T.: 2.611 min
Delta R.T.: 0.033 min
Response: 1567497
Conc: 143.15 ug/L



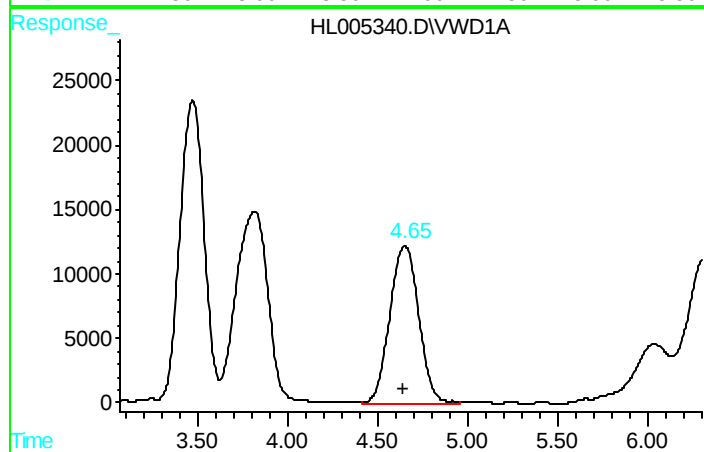
#5 1,3-Dinitrobenzene

R.T.: 3.474 min
Delta R.T.: 0.032 min
Response: 2227579
Conc: 138.81 ng/ml



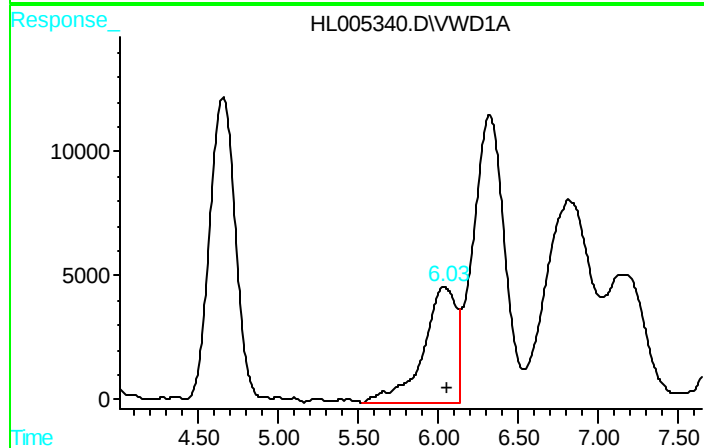
#6 3,5-Dinitroaniline

R.T.: 3.817 min
Delta R.T.: 0.030 min
Response: 1843014
Conc: 135.80 ug/L



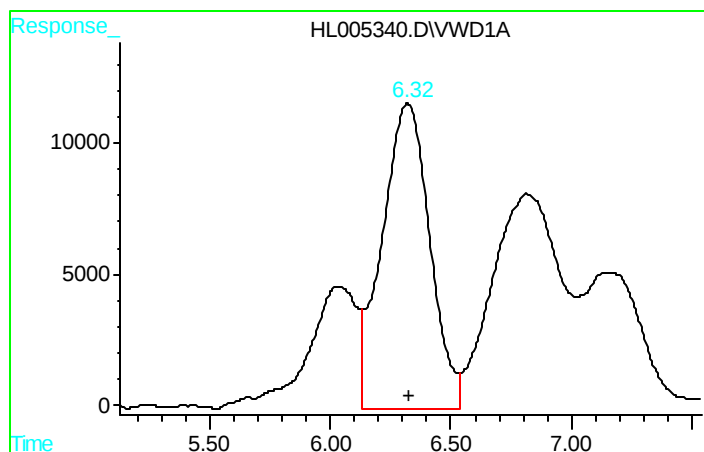
#7 Nitrobenzene

R.T.: 4.652 min
Delta R.T.: 0.017 min
Response: 1387972
Conc: 138.32 ug/L



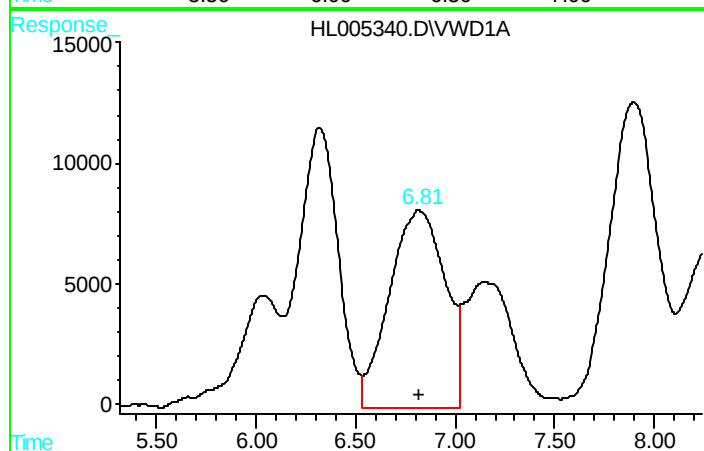
#8 Tetryl

R.T.: 6.036 min
Delta R.T.: -0.015 min
Response: 674796
Conc: 92.72 ug/L



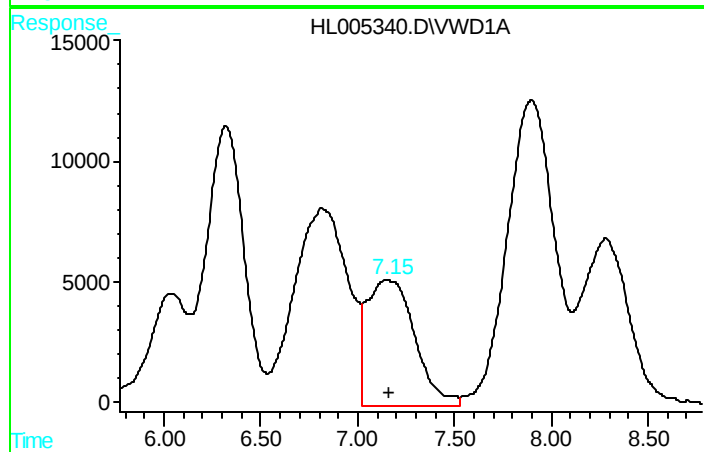
#9 2,4,6-Trinitrotoluene

R.T.: 6.320 min
Delta R.T.: -0.008 min
Response: 1601336
Conc: 135.76 ug/L



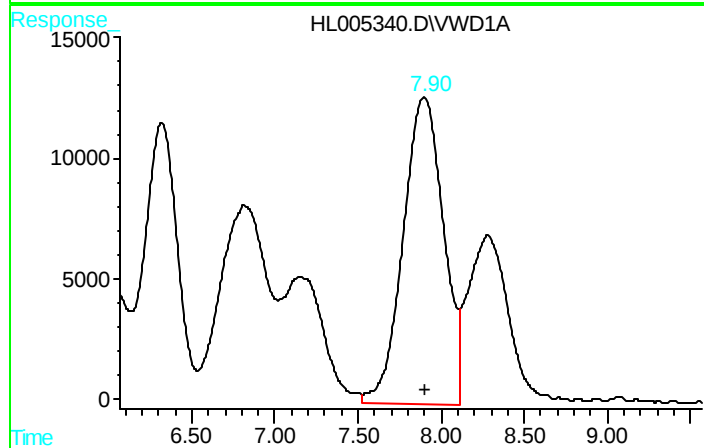
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.819 min
Delta R.T.: -0.003 min
Response: 1598327
Conc: 136.13 ug/L



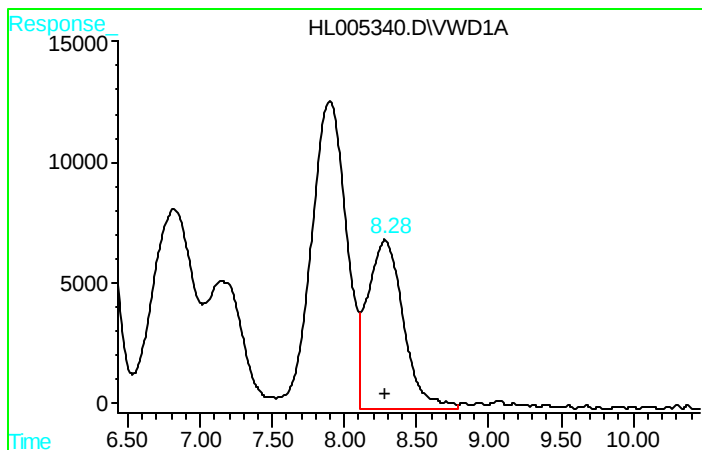
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.155 min
Delta R.T.: -0.010 min
Response: 904565
Conc: 143.98 ug/L



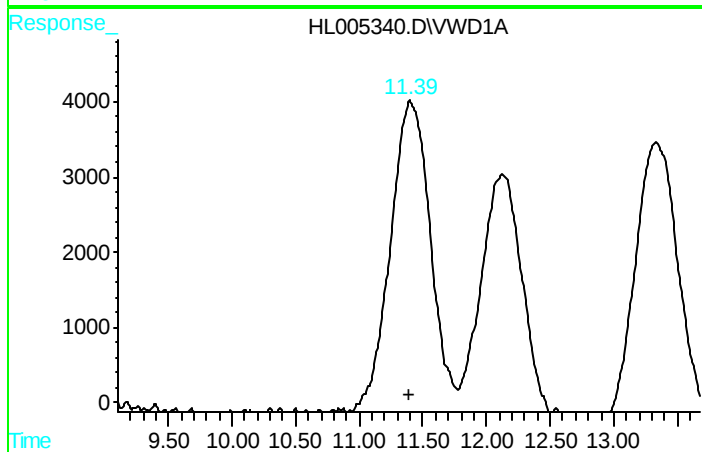
#12 2,4-Dinitrotoluene

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 2146310
Conc: 136.07 ug/L



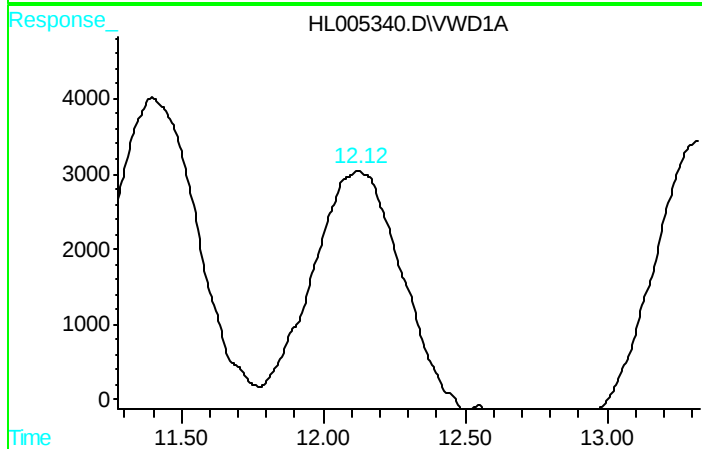
#13 2,6-Dinitrotoluene

R.T.: 8.282 min
Delta R.T.: -0.005 min
Response: 1195356
Conc: 141.67 ug/L



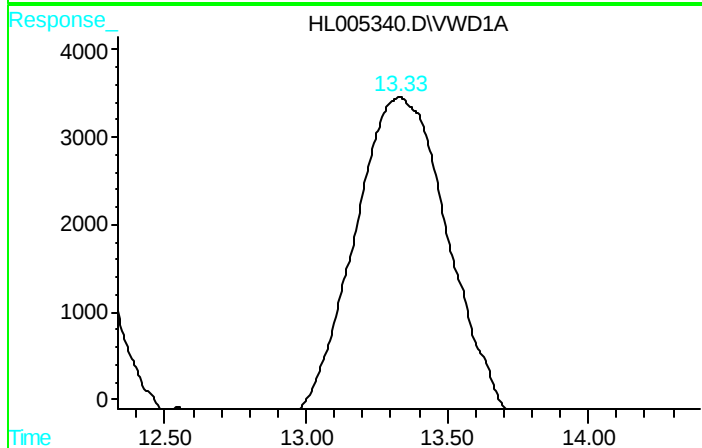
#14 2-Nitrotoluene

R.T.: 11.400 min
Delta R.T.: 0.005 min
Response: 880887
Conc: 132.63 ug/L



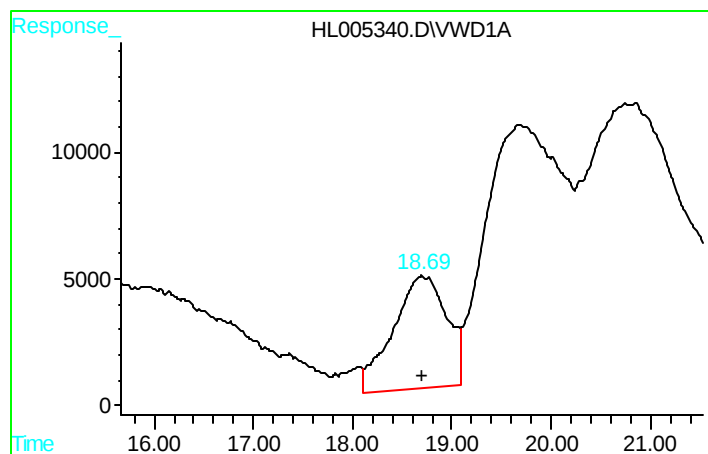
#15 4-Nitrotoluene

R.T.: 12.125 min
Delta R.T.: 0.017 min
Response: 774477
Conc: 141.59 ug/L



#16 3-Nitrotoluene

R.T.: 13.332 min
Delta R.T.: -0.003 min
Response: 976496
Conc: 139.35 ug/L



#17 PETN

R.T.: 18.690 min
Delta R.T.: -0.002 min
Response: 1667460
Conc: 186.95 ug/L