

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005351.D Vial: 12
 Acq On : 31-May-2013, 22:04 Operator: QM
 Sample : E2368-01MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jun 3 14:46 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	1.30	645634	155.100 ug/L
Target Compounds				
2) T	HMX	0.88	1928049	443.392 ug/L
3) T	RDX	1.70	687427	133.124 ug/L
4) T	1,3,5-Trinitrobenzene	2.64	1392492	127.168 ug/L
5) T	1,3-Dinitrobenzene	3.54	2084503	129.892 ng/ml
6) T	3,5-Dinitroaniline	3.89	1692167	124.689 ug/L
7) T	Nitrobenzene	4.75	1302830	129.834 ug/L
8) T	Tetryl	6.16	701840	96.432 ug/L
9) T	2,4,6-Trinitrotoluene	6.43	1373789	116.468 ug/L
10) T	2-Amino-4,6-dinitrotoluene	6.92	1362415	116.040 ug/L
11) T	4-Amino-2,6-dinitrotoluene	7.26	869791	138.448 ug/L
12) T	2,4-Dinitrotoluene	8.00	1865771	118.284 ug/L
13) T	2,6-Dinitrotoluene	8.40	996414	118.091 ug/L
14) T	2-Nitrotoluene	11.60	775671	116.788 ug/L
17) T	PETN	18.87	2485874	278.709 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.

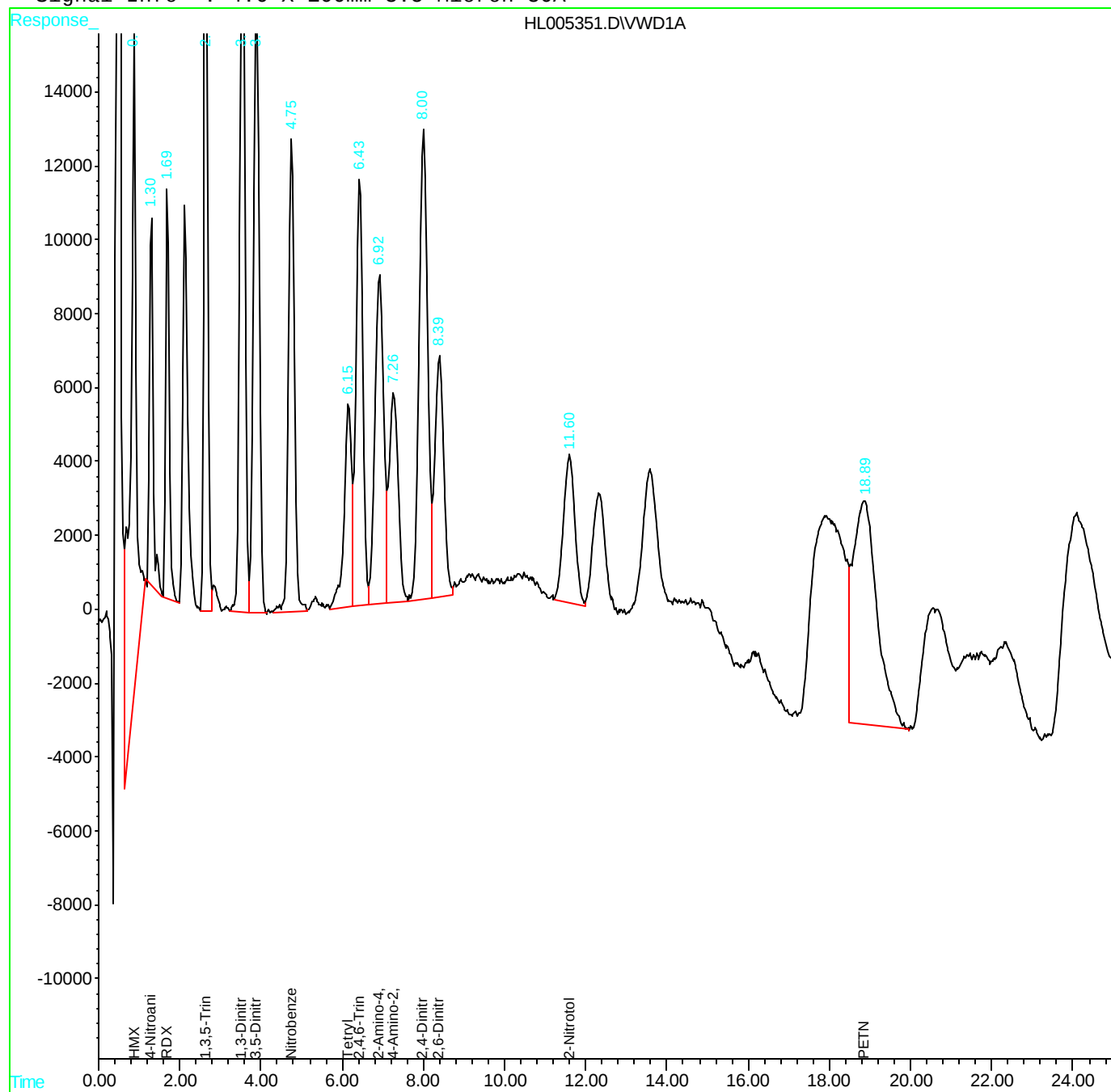
HL005351.D HL053013.M Mon Jun 03 14:46:27 2013 RPT1

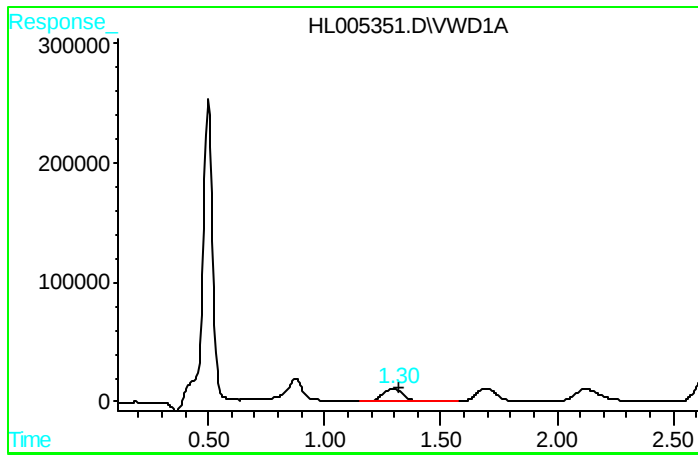
Quantitation Report

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Acq On : 31-May-2013, 22:04 Operator: QM
Sample : E2368-01MSD Inst : G1314A
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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

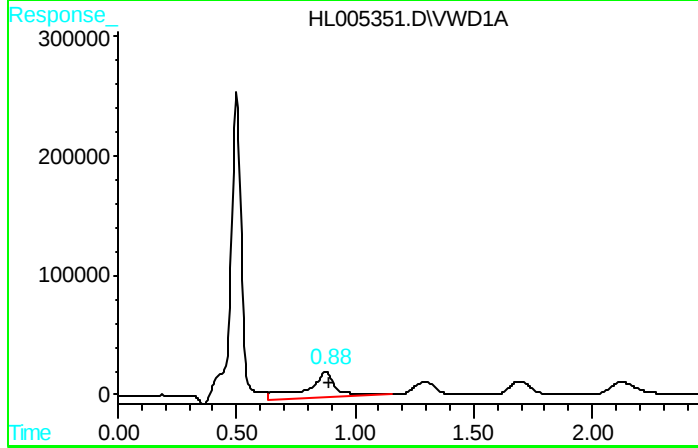
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





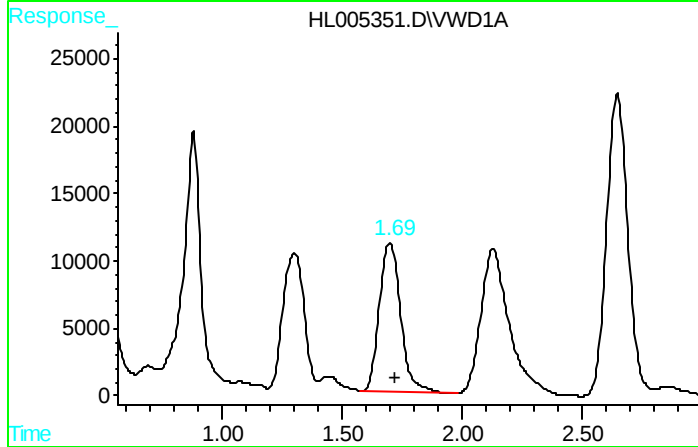
#1 4-Nitroaniline

R.T.: 1.297 min
 Delta R.T.: -0.024 min
 Response: 645634
 Conc: 155.10 ug/L



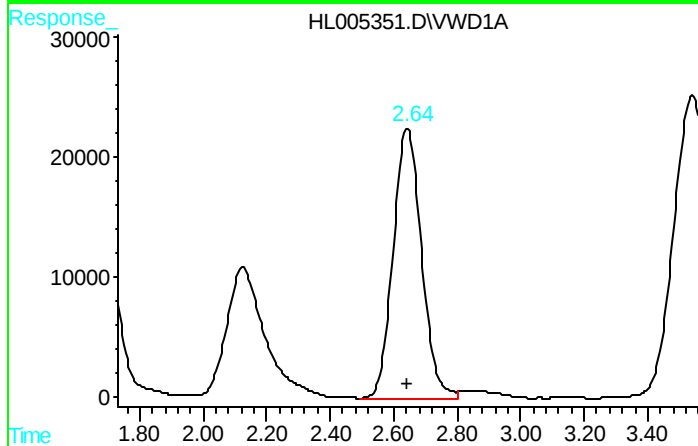
#2 HMX

R.T.: 0.877 min
 Delta R.T.: -0.016 min
 Response: 1928049
 Conc: 443.39 ug/L



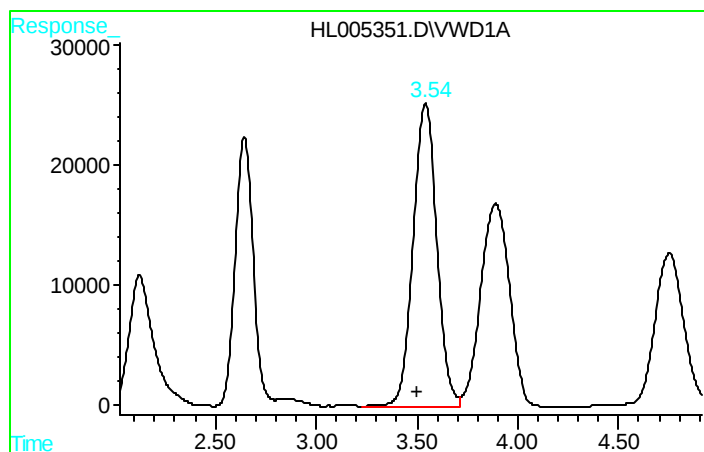
#3 RDX

R.T.: 1.696 min
 Delta R.T.: -0.017 min
 Response: 687427
 Conc: 133.12 ug/L

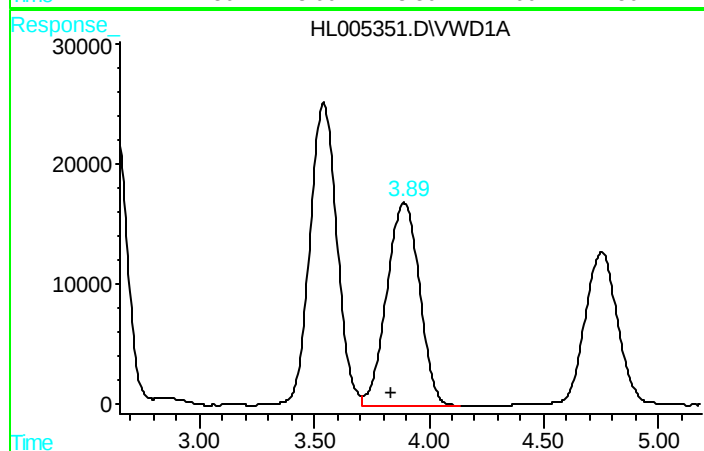


#4 1,3,5-Trinitrobenzene

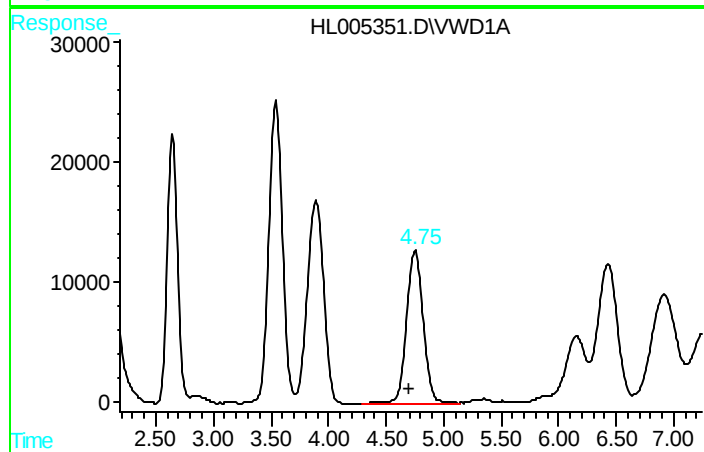
R.T.: 2.644 min
 Delta R.T.: 0.000 min
 Response: 1392492
 Conc: 127.17 ug/L



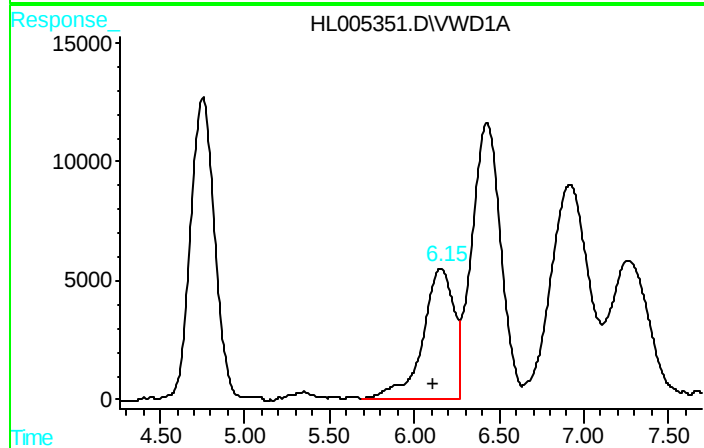
#5 1,3-Dinitrobenzene
 R.T.: 3.542 min
 Delta R.T.: 0.042 min
 Response: 2084503
 Conc: 129.89 ng/ml



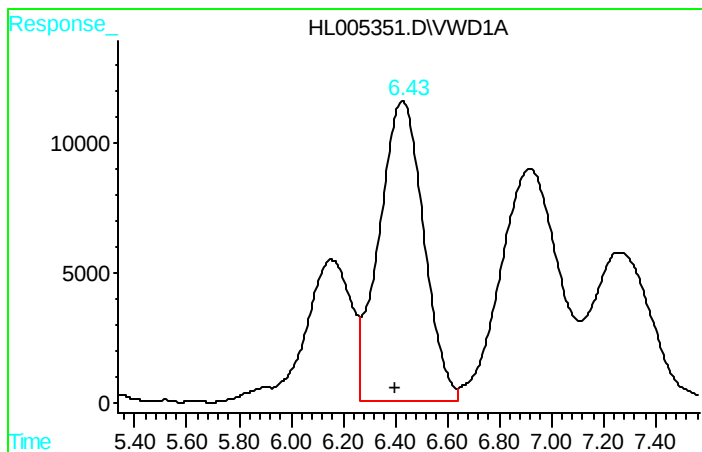
#6 3,5-Dinitroaniline
 R.T.: 3.892 min
 Delta R.T.: 0.054 min
 Response: 1692167
 Conc: 124.69 ug/L



#7 Nitrobenzene
 R.T.: 4.753 min
 Delta R.T.: 0.059 min
 Response: 1302830
 Conc: 129.83 ug/L

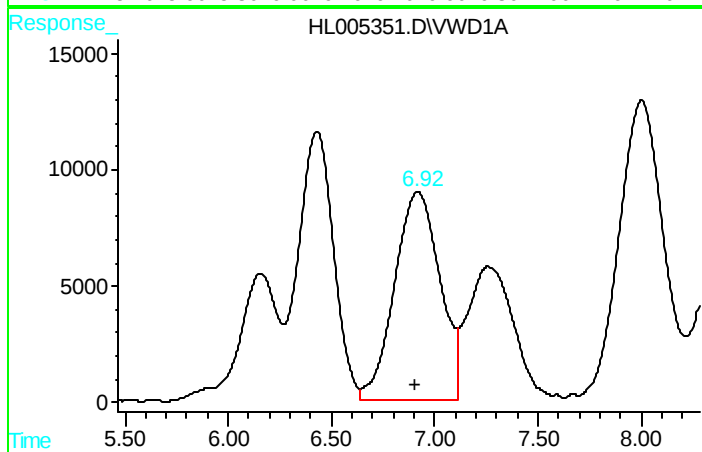


#8 Tetryl
 R.T.: 6.156 min
 Delta R.T.: 0.049 min
 Response: 701840
 Conc: 96.43 ug/L



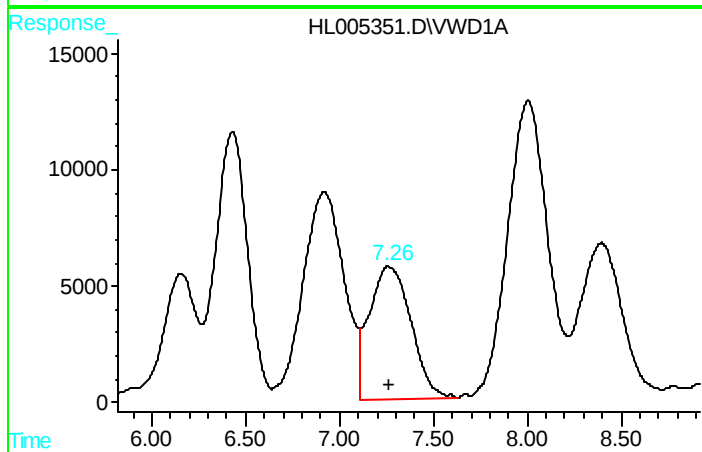
#9 2,4,6-Trinitrotoluene

R.T.: 6.429 min
Delta R.T.: 0.031 min
Response: 1373789
Conc: 116.47 ug/L



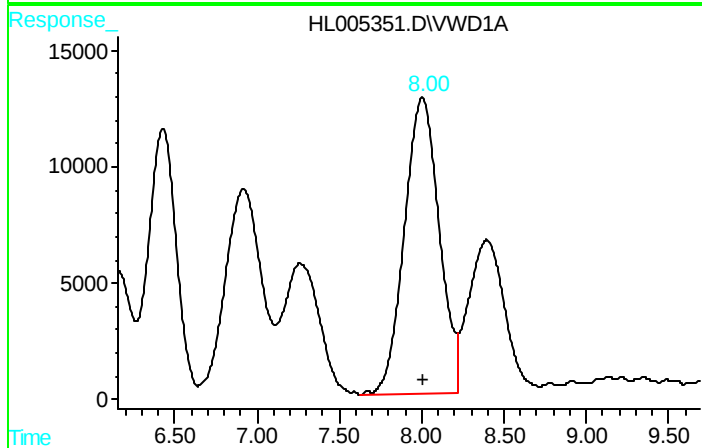
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.918 min
Delta R.T.: 0.011 min
Response: 1362415
Conc: 116.04 ug/L



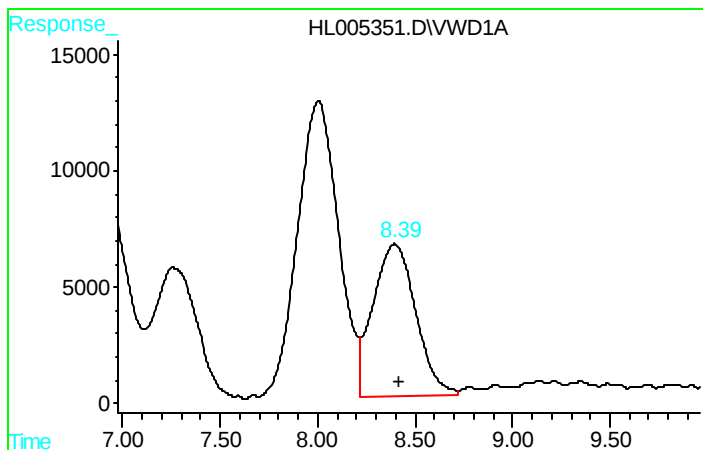
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 869791
Conc: 138.45 ug/L



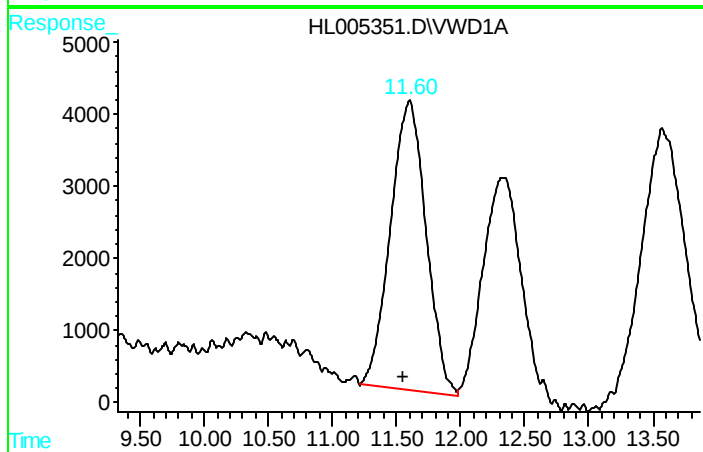
#12 2,4-Dinitrotoluene

R.T.: 8.004 min
Delta R.T.: -0.008 min
Response: 1865771
Conc: 118.28 ug/L



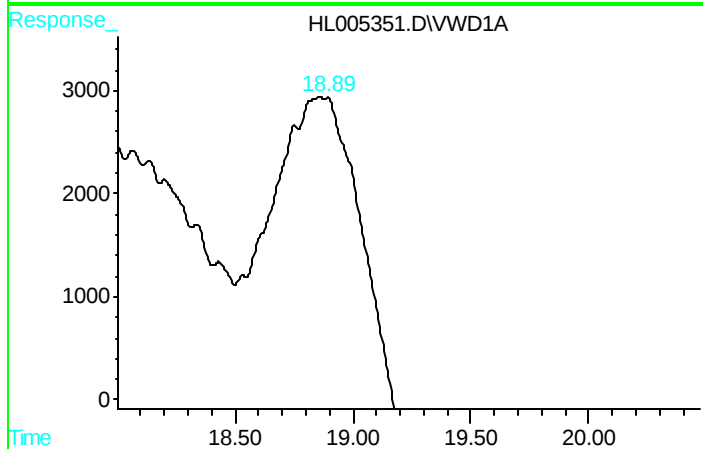
#13 2,6-Dinitrotoluene

R.T.: 8.395 min
Delta R.T.: -0.018 min
Response: 996414
Conc: 118.09 ug/L



#14 2-Nitrotoluene

R.T.: 11.601 min
Delta R.T.: 0.055 min
Response: 775671
Conc: 116.79 ug/L



#17 PETN

R.T.: 18.868 min
Delta R.T.: -0.017 min
Response: 2485874
Conc: 278.71 ug/L