

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005799.D Vial: 25
 Acq On : 21-Jan-2014, 19:27 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:00 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	398975	108.679 ug/L
Target Compounds			
2) T HMX	0.87	438299	106.609 ug/L
3) T RDX	1.68	604308	105.467 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	1080086	103.134 ug/L
5) T 1,3-Dinitrobenzene	3.47	1626618	100.829 ng/ml
6) T 3,5-Dinitroaniline	3.81	1263855	100.982 ug/L
7) T Nitrobenzene	4.63	1067104	104.099 ug/L
8) T Tetryl	6.07	712740	103.361 ug/L
9) T 2,4,6-Trinitrotoluene	6.37	1055594	101.027 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.86	1090159	97.426 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.18	653120	107.788 ug/L
12) T 2,4-Dinitrotoluene	7.94	1497527	101.130 ug/L
13) T 2,6-Dinitrotoluene	8.32	846548	103.944 ug/L
14) T 2-Nitrotoluene	11.41	664182	103.670 ug/L
15) T 4-Nitrotoluene	12.12	586467	113.081 ug/L
16) T 3-Nitrotoluene	13.39	714214	105.957 ug/L
17) T PETN	18.52	836221	100.391 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.

HN005799.D HN012114.M

Fri Jan 24 13:00:31 2014

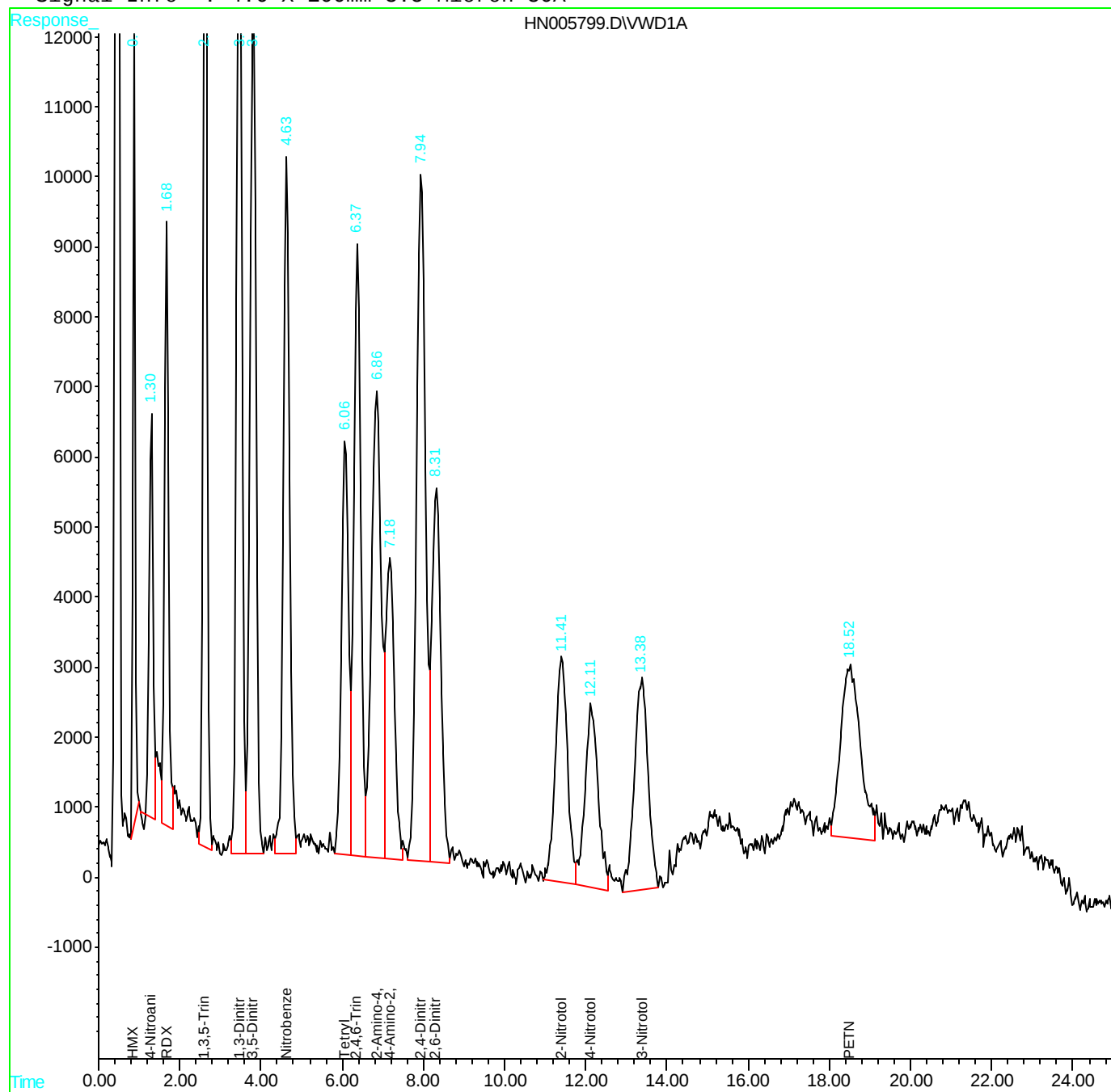
RPT1

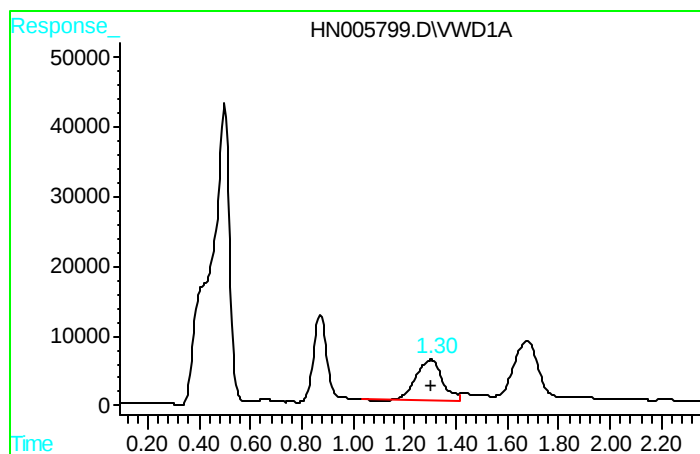
Quantitation Report

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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

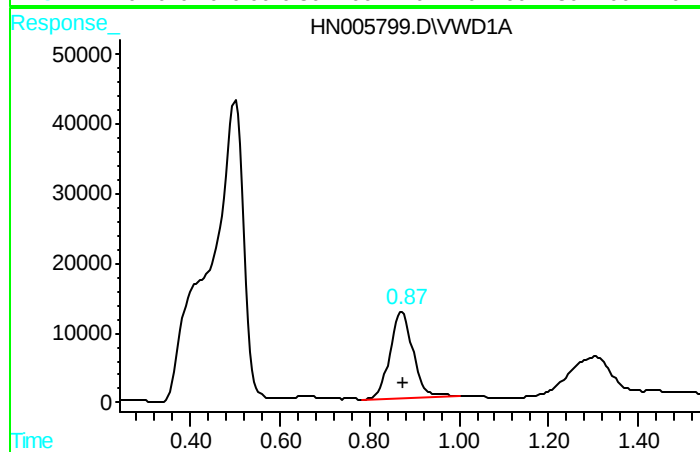
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





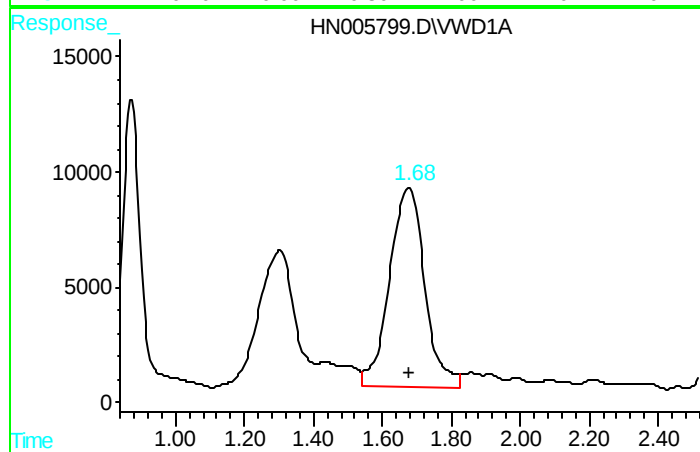
#1 4-Nitroaniline

R.T.: 1.304 min
 Delta R.T.: 0.000 min
 Response: 398975
 Conc: 108.68 ug/L



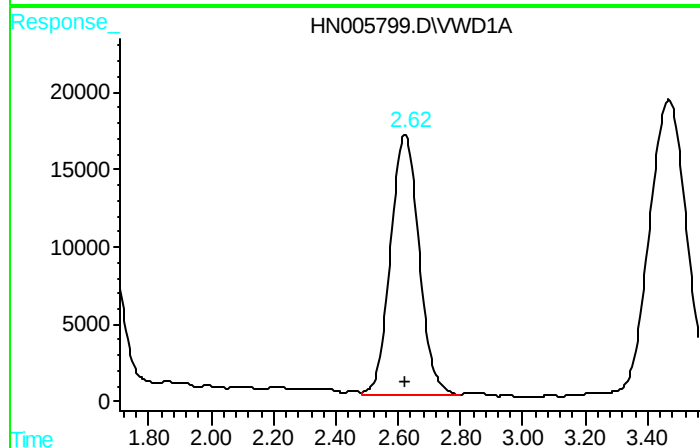
#2 HMX

R.T.: 0.873 min
 Delta R.T.: -0.001 min
 Response: 438299
 Conc: 106.61 ug/L



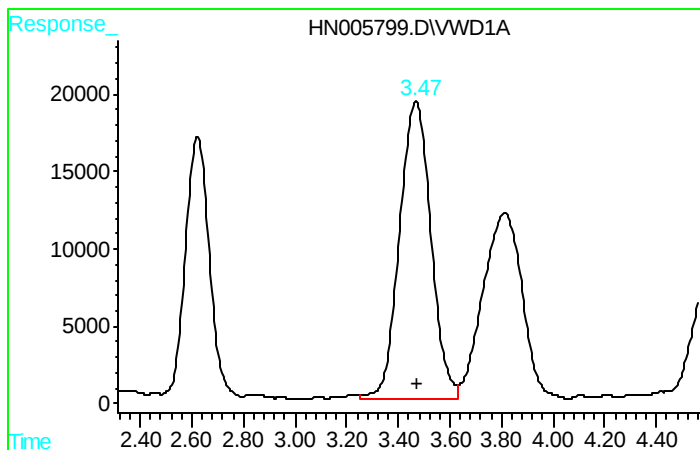
#3 RDX

R.T.: 1.679 min
 Delta R.T.: 0.000 min
 Response: 604308
 Conc: 105.47 ug/L

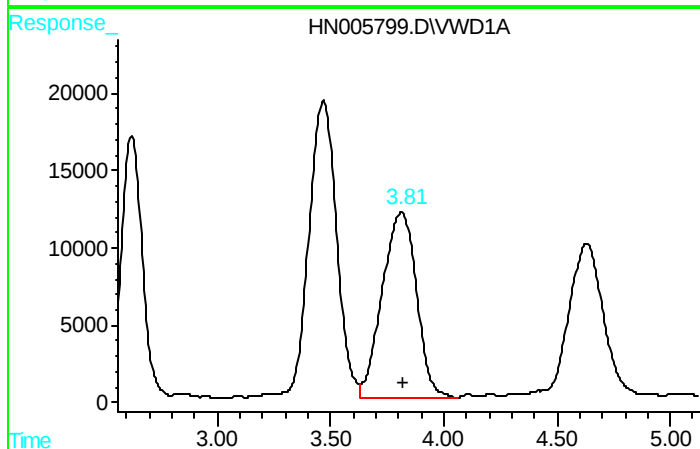


#4 1,3,5-Trinitrobenzene

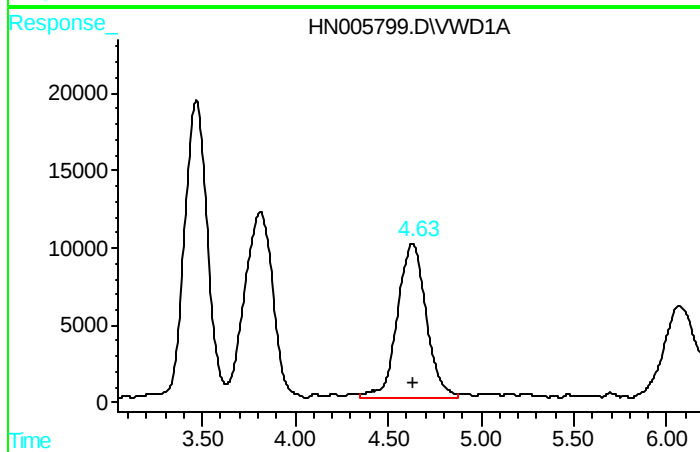
R.T.: 2.623 min
 Delta R.T.: 0.000 min
 Response: 1080086
 Conc: 103.13 ug/L



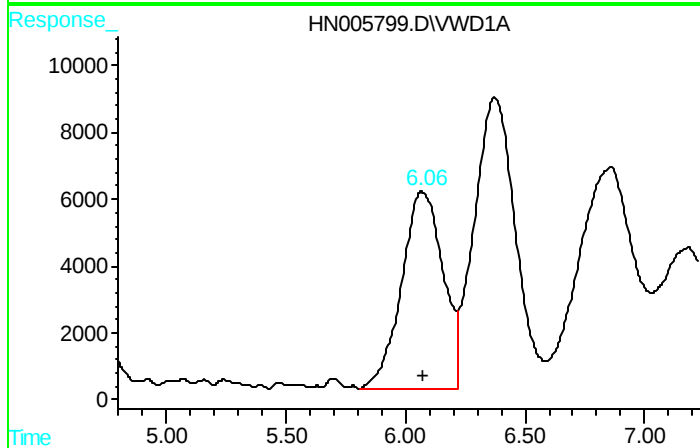
#5 1,3-Dinitrobenzene
 R.T.: 3.469 min
 Delta R.T.: 0.000 min
 Response: 1626618
 Conc: 100.83 ng/ml



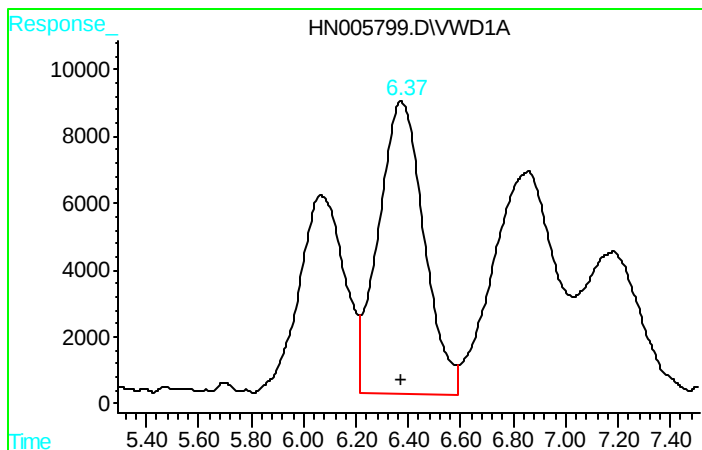
#6 3,5-Dinitroaniline
 R.T.: 3.814 min
 Delta R.T.: -0.003 min
 Response: 1263855
 Conc: 100.98 ug/L



#7 Nitrobenzene
 R.T.: 4.632 min
 Delta R.T.: 0.000 min
 Response: 1067104
 Conc: 104.10 ug/L

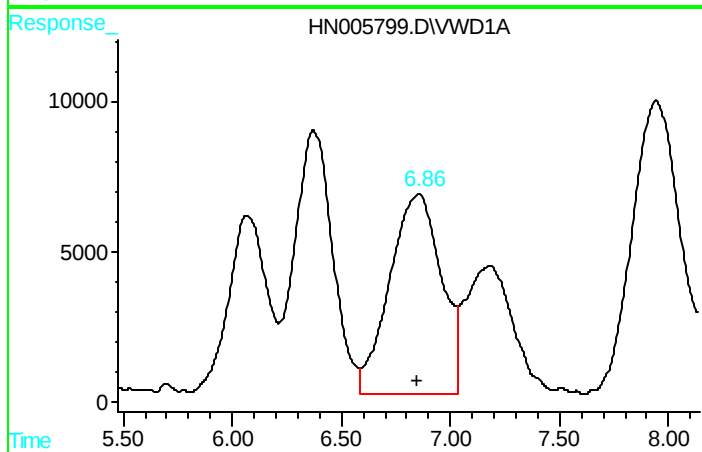


#8 Tetryl
 R.T.: 6.067 min
 Delta R.T.: -0.004 min
 Response: 712740
 Conc: 103.36 ug/L



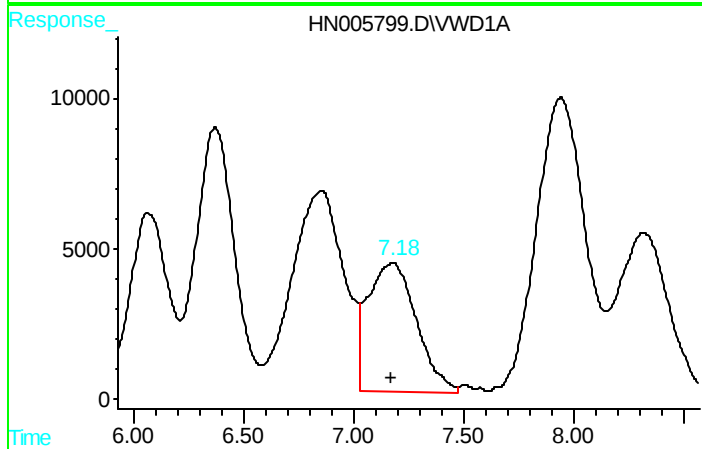
#9 2,4,6-Trinitrotoluene

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 1055594
Conc: 101.03 ug/L



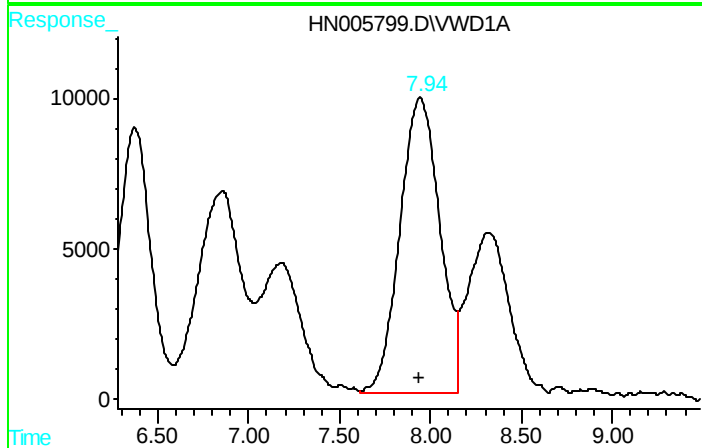
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.858 min
Delta R.T.: 0.014 min
Response: 1090159
Conc: 97.43 ug/L



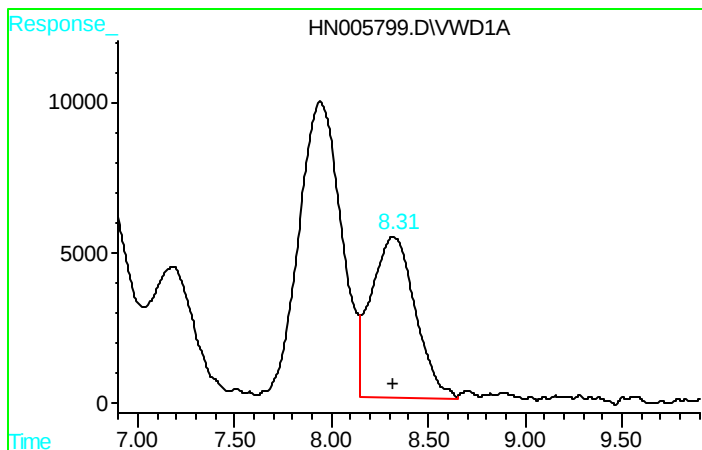
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.182 min
Delta R.T.: 0.013 min
Response: 653120
Conc: 107.79 ug/L



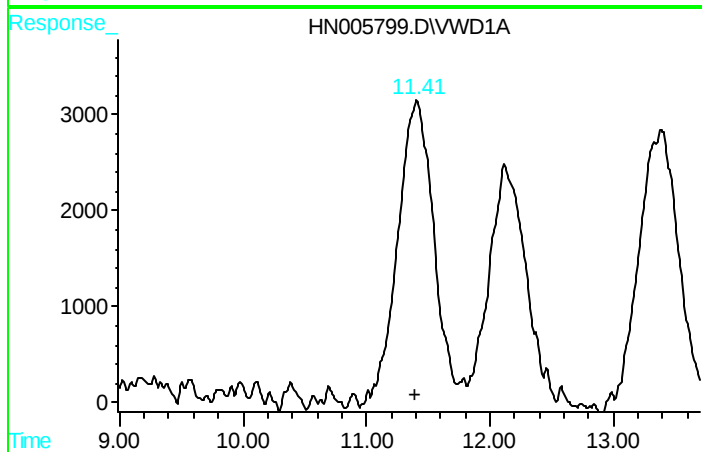
#12 2,4-Dinitrotoluene

R.T.: 7.944 min
Delta R.T.: 0.005 min
Response: 1497527
Conc: 101.13 ug/L



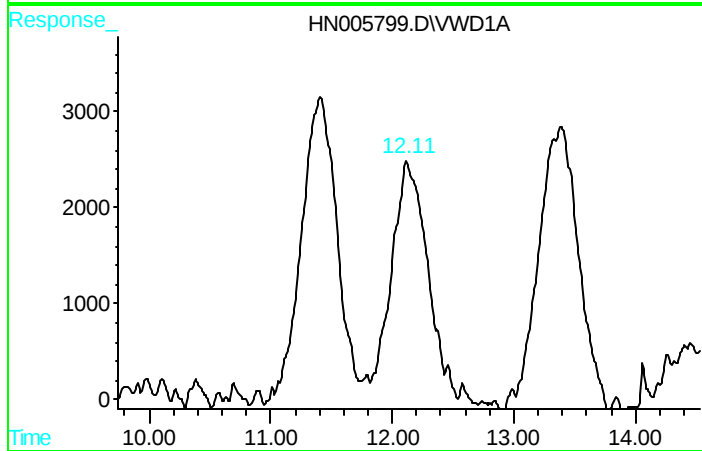
#13 2,6-Dinitrotoluene

R.T.: 8.320 min
Delta R.T.: 0.005 min
Response: 846548
Conc: 103.94 ug/L



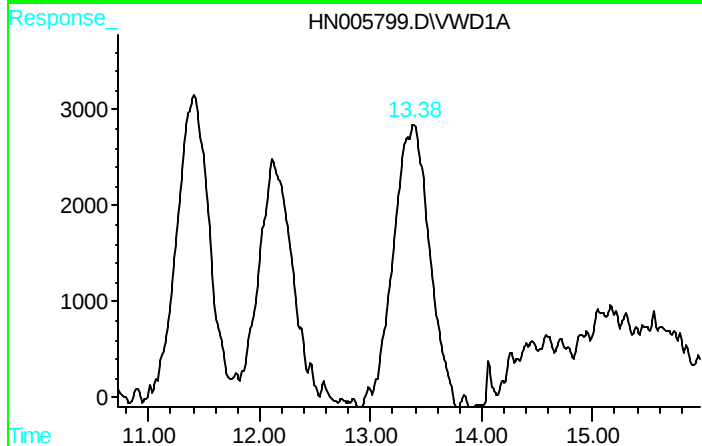
#14 2-Nitrotoluene

R.T.: 11.409 min
Delta R.T.: 0.018 min
Response: 664182
Conc: 103.67 ug/L



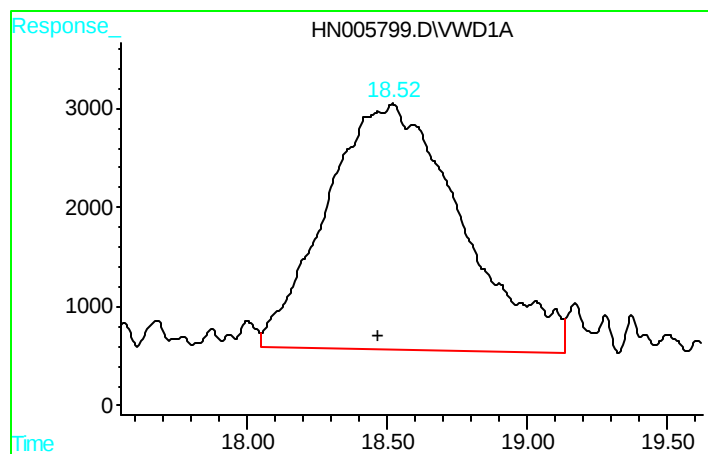
#15 4-Nitrotoluene

R.T.: 12.120 min
Delta R.T.: -0.014 min
Response: 586467
Conc: 113.08 ug/L



#16 3-Nitrotoluene

R.T.: 13.391 min
Delta R.T.: 0.032 min
Response: 714214
Conc: 105.96 ug/L



#17 PETN

R.T.: 18.519 min
Delta R.T.: 0.049 min
Response: 836221
Conc: 100.39 ug/L