

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005807.D Vial: 33
 Acq On : 21-Jan-2014, 23:03 Operator: QM
 Sample : F1002-05 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:24 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 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	1294553	343.652 ug/L
Target Compounds			
2) T HMX	0.88	139033	32.419 ug/L
3) T RDX	1.67	81662	14.239 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	72199	6.708 ug/L
5) T 1,3-Dinitrobenzene	3.47	195211	12.101 ng/ml
6) T 3,5-Dinitroaniline	3.82	172824	13.809 ug/L
7) T Nitrobenzene	4.65	139506	12.976 ug/L
9) T 2,4,6-Trinitrotoluene	6.39	94301	8.846 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.85	136952	11.982 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.20	62076	10.739 ug/L
12) T 2,4-Dinitrotoluene	8.00	243472	15.915 ug/L
13) T 2,6-Dinitrotoluene	8.37	170850	20.242 ug/L
14) T 2-Nitrotoluene	11.34	10862	1.641 ug/L
15) T 4-Nitrotoluene	12.16	44541	8.340 ug/L
16) T 3-Nitrotoluene	13.31	32577	4.881 ug/L
17) T PETN	18.48	34861	4.185 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.

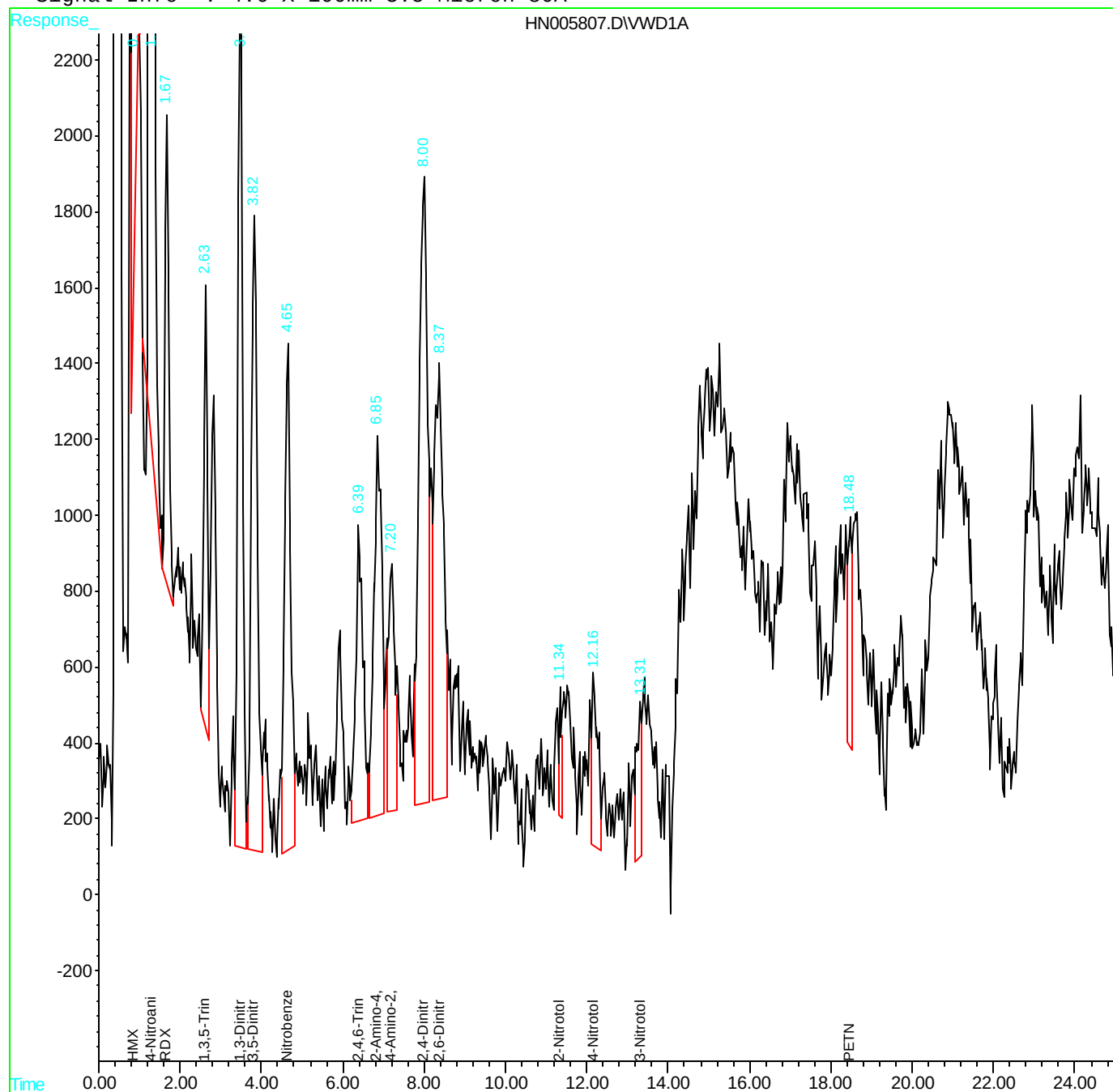
HN005807.D HN012114.M Fri Jan 24 13:24:44 2014 RPT1

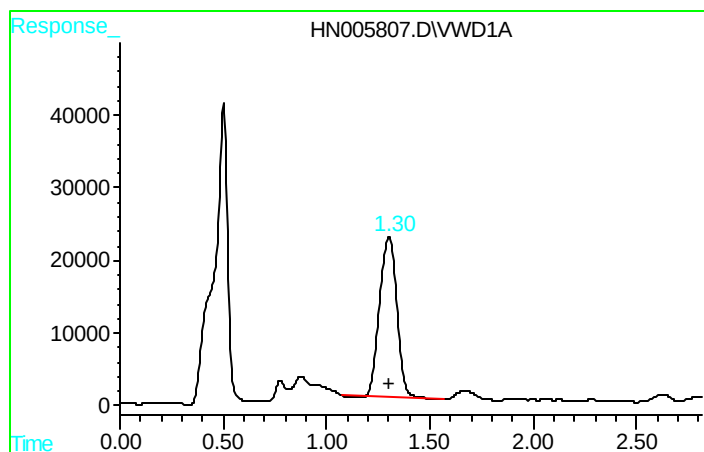
Quantitation Report

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Sample : F1002-05 Inst : G1314A
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

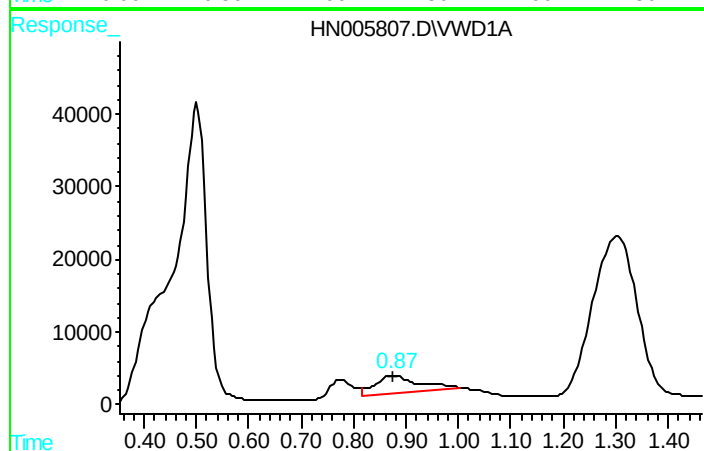
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





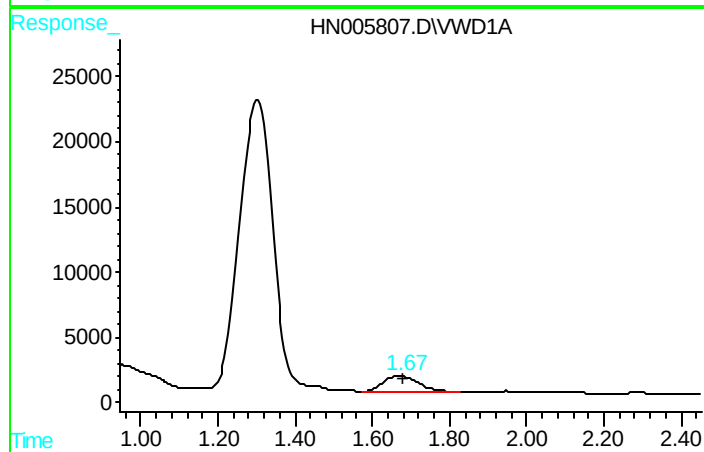
#1 4-Nitroaniline

R.T.: 1.304 min
 Delta R.T.: 0.000 min
 Response: 1294553
 Conc: 343.65 ug/L



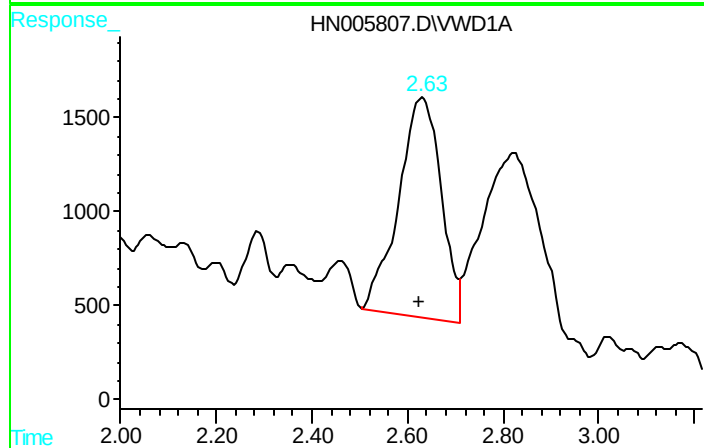
#2 HMX

R.T.: 0.877 min
 Delta R.T.: 0.003 min
 Response: 139033
 Conc: 32.42 ug/L



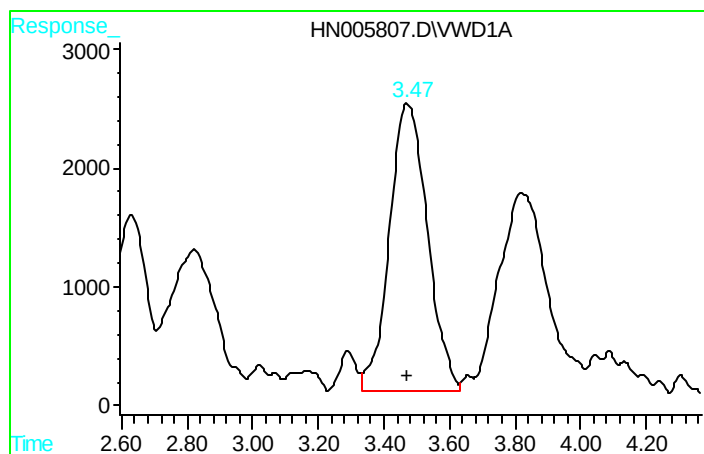
#3 RDX

R.T.: 1.673 min
 Delta R.T.: -0.006 min
 Response: 81662
 Conc: 14.24 ug/L



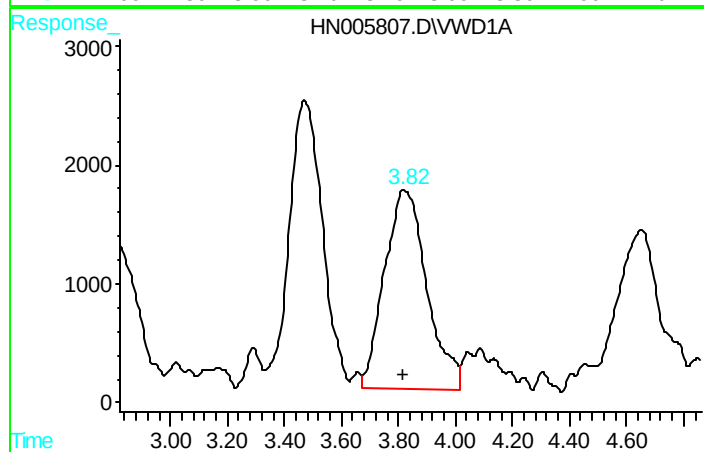
#4 1,3,5-Trinitrobenzene

R.T.: 2.631 min
 Delta R.T.: 0.008 min
 Response: 72199
 Conc: 6.71 ug/L



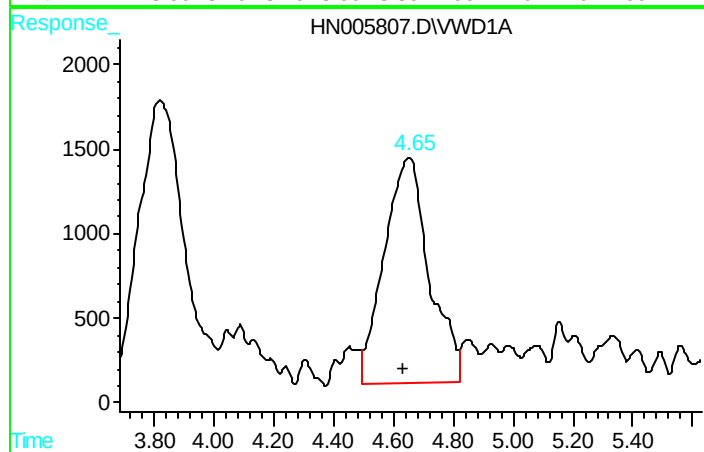
#5 1,3-Dinitrobenzene

R.T.: 3.472 min
Delta R.T.: 0.003 min
Response: 195211
Conc: 12.10 ng/ml



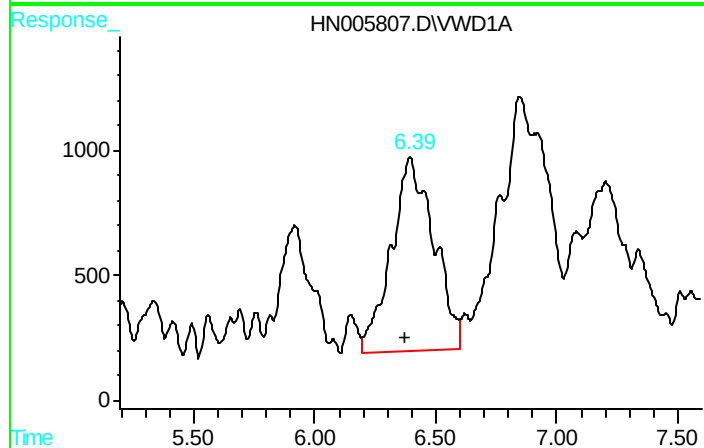
#6 3,5-Dinitroaniline

R.T.: 3.821 min
Delta R.T.: 0.004 min
Response: 172824
Conc: 13.81 ug/L



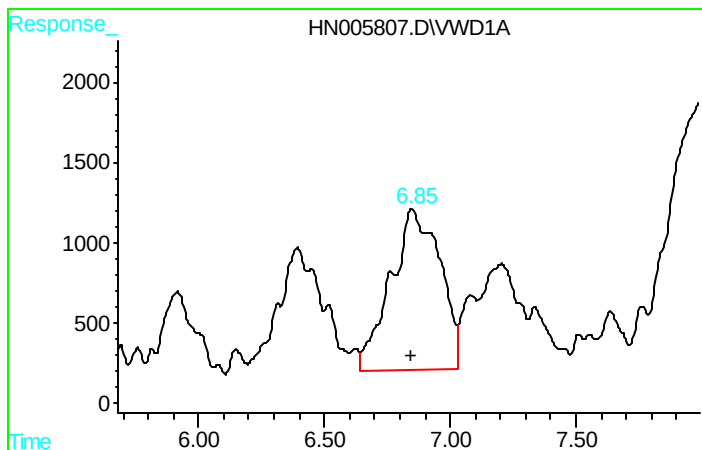
#7 Nitrobenzene

R.T.: 4.653 min
Delta R.T.: 0.022 min
Response: 139506
Conc: 12.98 ug/L



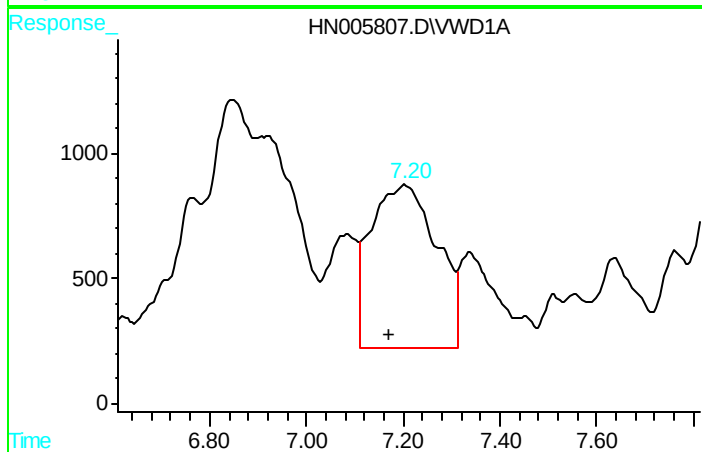
#9 2,4,6-Trinitrotoluene

R.T.: 6.393 min
Delta R.T.: 0.020 min
Response: 94301
Conc: 8.85 ug/L



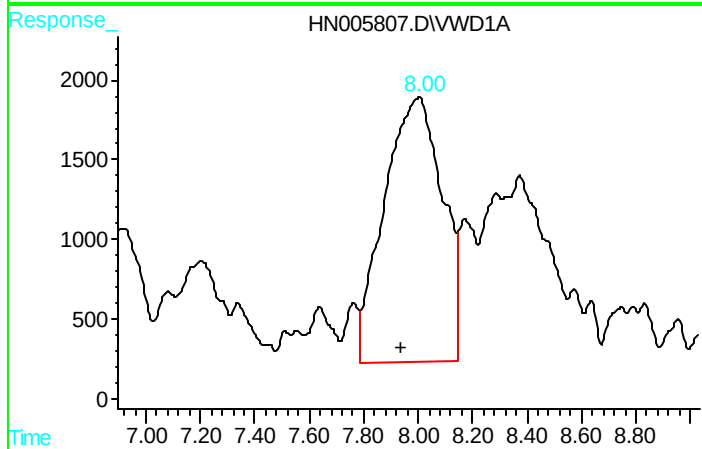
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.850 min
Delta R.T.: 0.005 min
Response: 136952
Conc: 11.98 ug/L



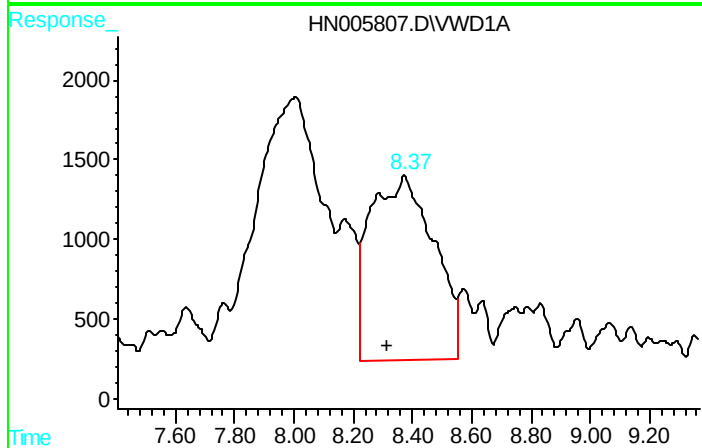
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.204 min
Delta R.T.: 0.035 min
Response: 62076
Conc: 10.74 ug/L



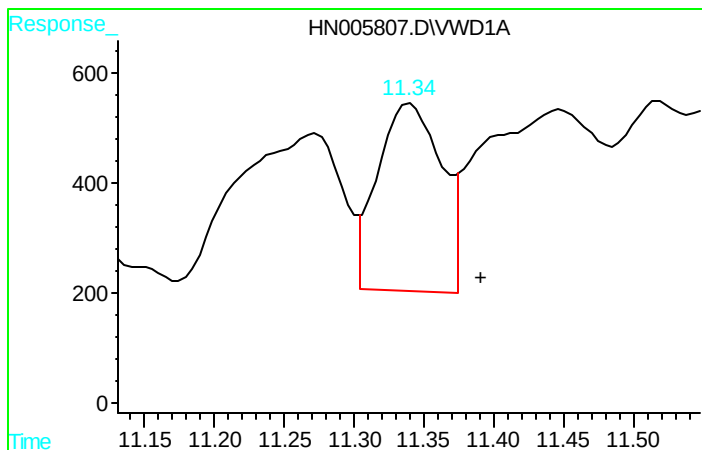
#12 2,4-Dinitrotoluene

R.T.: 8.003 min
Delta R.T.: 0.064 min
Response: 243472
Conc: 15.91 ug/L



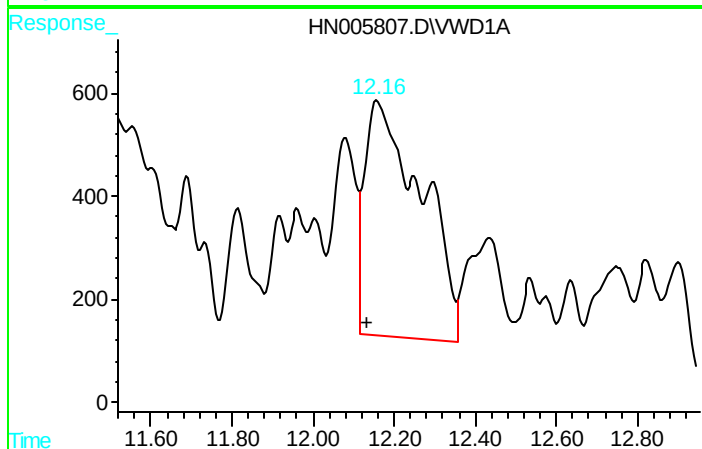
#13 2,6-Dinitrotoluene

R.T.: 8.375 min
Delta R.T.: 0.061 min
Response: 170850
Conc: 20.24 ug/L



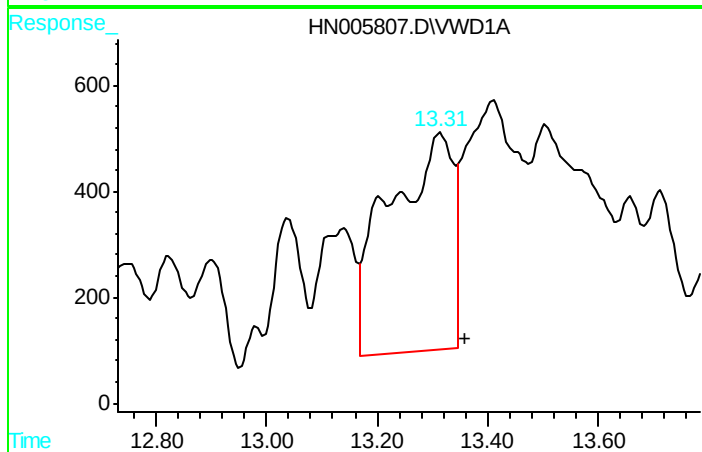
#14 2-Nitrotoluene

R.T.: 11.341 min
Delta R.T.: -0.050 min
Response: 10862
Conc: 1.64 ug/L



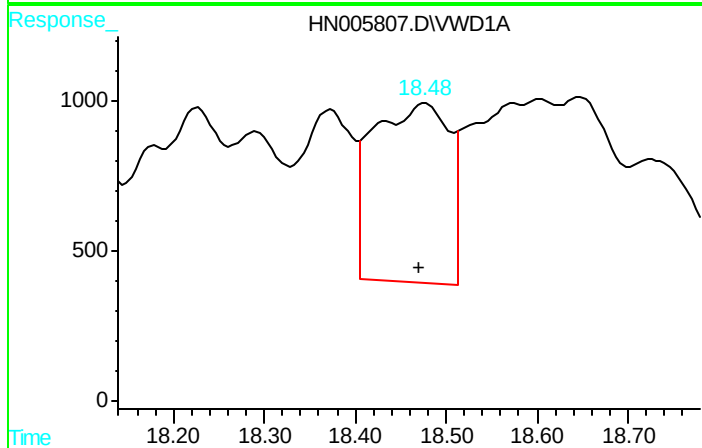
#15 4-Nitrotoluene

R.T.: 12.159 min
Delta R.T.: 0.026 min
Response: 44541
Conc: 8.34 ug/L



#16 3-Nitrotoluene

R.T.: 13.314 min
Delta R.T.: -0.045 min
Response: 32577
Conc: 4.88 ug/L



#17 PETN

R.T.: 18.477 min
Delta R.T.: 0.008 min
Response: 34861
Conc: 4.19 ug/L